DEPT OF BLDGS 121181808 Job Number
ES5255730691 Scan Code

400PAS (PARK AVENUE SOUTH)		FOUNDATION PERMIT 02.03.2012	DESIGN DEVELOPMENT 02.17.2012	80% CONSTRUCTION DOCUMENTS 05.15.2012	CONSTRUCTION DOCUMENTS 06.15.2012	HUB SUBMISSION 08.10.2012
DRAWING NUMBER	DRAWING TITLE					
	VOLUME I					
	GENERAL					
	COVER SHEET		X	X	X	X
G-001.00	PROJECT INFORMATION / DRAWING LIST			X	X	X
G-001.00	PROJECT INFORMATION / DRAWING LIST		X	X	X	X
G-002.00	BUILDING CODE INFORMATION, GENERAL NOTES		X	X	X	X
G-003.00	SYMBOLS AND ABBREVIATIONS		X	X	X	X
G-004.00	ACCESSIBILITY STANDARDS		X	X	X	X
G-005.00	FLOOD MAP			X	X	X
EN-001.00	ENT CALCULATIONS			X	X	X
	CIVIL					
SOE-100.00	UNDERPINNING SUPPORT KEY AND INDEX PLAN	X	X	X	X	
SOE-101.00	EXISTING WALL PLAN	X	X	X	X	
SOE-102.00	UNDERPINNING LOCATION	X	X	X	X	
SOE-103.00	SOUTH ELEVATION VIEW AND SECTIONS - WALL #1	X	X	X	X	
SOE-104.00	WEST ELEVATION VIEW AND SECTIONS - WALL #2	X	X	X	X	
SOE-105.00	SOUTH ELEVATION VIEWS - WALL #3	X	X	X	X	
SOE-106.00	SECTIONS - WALL #3	X	X	X	X	
SOE-107.00	DETAILS	X	X	X	X	
FO-150.00	FOUNDATION DRAINAGE PLAN	X	X	X	X	
BPP-100.00	BUILDERS PAVEMENT PLAN COVER SHEET		X	X	X	
BPP-101.00	BUILDERS PAVEMENT PLAN PARK AVENUE SOUTH		X	X	X	
BPP-102.00	BUILDERS PAVEMENT PLAN EAST 28TH STREET		X	X	X	
	LANDSCAPE					
L-100.00	MATERIALS AND PLANTING PLAN		X	X	X	
L-200.00	GRADING PLAN			X	X	
L-300.00	PLANTING PLAN AND DETAILS			X	X	
L-400.00	WATER FEATURE			X	X	
L-500.00	LANDSCAPE WATER FEATURE (PREVIOUSLY NAMED 'LANDSCAPE DETAILS')		X	X	X	
L-510.00	LANDSCAPE DETAILS			X		
	SUBWAY STAIR RELOCATION DRAWINGS					
SWA-000.00	TITLE SHEET		X	X	X	
SWA-001.00	DEMOLITION PLANS AND NOTES		X	X	X	
SWA-002.00	STREET LEVEL FLOOR PLAN		X	X	X	
SWA-003.00	PLATFORM LEVEL FLOOR PLAN		X	X	X	
SWA-004.00	SECTIONS 1 OF 2		X	X	X	
SWA-005.00	SECTIONS 2 OF 2		X	X	X	
SWA-006.00	REFLECTED CEILING PLAN		X	X	X	
SWA-007.00	INTERIOR ELEVATIONS 1 OF 2		X	X	X	
SWA-008.00	INTERIOR ELEVATIONS 2 OF 2		X	X	X	
SWA-009.00	PARTITION TYPES AND DETAILS		X	X	X	
SWA-010.00	STAIR DETAILS AND NOTES		X	X	X	
SWA-011.00	DOOR SCHEDULE AND DETAILS		X	X	X	
SWA-012.00	ELEVATOR PART PLANS AND DETAILS		X	X	X	
SWA-013.00	ELEVATOR CAB PLANS AND ELEVATIONS		X	X	X	
SWA-014.00	ILLUMINATED ENTRY POST DETAILS		X	X	X	
	ARCHITECTURAL					
	ZONING, EGRESS, AND SITE SURVEY					
Z-001.00	ZONING CALCULATIONS	X	X	X	X	X
Z-002.00	GROSS FLOOR AREA & DEDUCTIONS	X	X	X	X	X
Z-003.00	GROSS FLOOR AREA & DEDUCTIONS	X	X	X	X	X
Z-004.00	GROSS FLOOR AREA & DEDUCTIONS	X	X	X	X	X
Z-005.00	GROSS FLOOR AREA & DEDUCTIONS	X	X	X	X	X
Z-006.00	GROSS FLOOR AREA & DEDUCTIONS	X	X	X	X	X
Z-007.00	HEIGHT AND SETBACK	X	X	X	X	X
Z-008.00	BUILDING SECTIONS AND ELEVATIONS	X	X	X	X	X
A-010.00	SITE SURVEY		X	X	X	
A-020.00	EGRESS, LIGHT AND VENTILATION SUMMARY (NAME CHANGED)		X	X	X	X
A-021.00	EGRESS, LIGHT AND VENTILATION SUMMARY (NAME CHANGED)		X	X	X	X
A-022.00	EGRESS, LIGHT AND VENTILATION SUMMARY (NAME CHANGED)		X	X	X	X
A-023.00	EGRESS, LIGHT AND VENTILATION SUMMARY (NAME CHANGED)		X	X	X	X
A-024.00	EGRESS, LIGHT AND VENTILATION SUMMARY (NAME CHANGED)		X	X	X	X
A-030.00	PROTECTED OPENINGS SUMMARY PAS PAVILION WEST ELEV		X	X	X	X
A-031.00	PROTECTED OPENINGS SUMMARY PAS PAVILION SOUTH ELEV		X	X	X	X
A-032.00	PROTECTED OPENINGS SUMMARY 28TH STREET PAVILION		X	X	X	X
	BUILDING PLANS					
A-099.00	SUB CELLAR FLOOR PLAN	X	X	X	X	X
A-100.00	CELLAR FLOOR PLAN	X	X	X	X	X
A-101.00	GROUND FLOOR PLAN	X	X	X	X	X
A-102.00	2ND FLOOR PLAN	X	X	X	X	X
A-103.00	3RD FLOOR PLAN (4TH THRU 5TH SIMILAR)	X	X	X	X	X
A-107.00	7TH FLOOR PLAN (6TH THRU 19TH SIMILAR)	X	X	X	X	X
A-120.00	20TH FLOOR PLAN	X	X	X	X	X
A-121.00	21ST FLOOR PLAN (22ND SIMILAR)	X	X	X	X	X
A-123.00	23TH FLOOR PLAN (24TH THRU 26TH SIMILAR)	X	X	X	X	X
A-127.00	27TH FLOOR PLAN & ROOF PLAN AT 28TH ST PAVILION	X	X	X	X	X
A-128.00	28TH FLOOR PLAN (29TH SIMILAR)	X	X	X	X	X
A-130.00	30TH FLOOR PLAN & ROOF PLAN AT PARK AVE SOUTH PAVILION	X	X	X	X	X
A-131.00	31ST FLOOR PLAN (32ND THRU 36TH SIMILAR)	X	X	X	X	X
A-137.00	37TH FLOOR PLAN (38TH SIMILAR)	X	X	X	X	X
A-139.00	39TH FLOOR PLAN	X	X	X	X	X
A-140.00	40TH FLOOR PLAN	X	X	X	X	X
A-141.00	41ST, 42ND, & 43RD FLOOR PLANS	X	X	X	X	X
A-142.00	COMPOSITE ROOF PLAN		X	X	X	X
	BUILDING DIMENSION PLANS					
A-149.00	SUB CELLAR FLOOR DIMENSION PLAN			X	X	X
A-150.00	CELLAR FLOOR DIMENSION PLAN			X	X	X
A-151.00	GROUND FLOOR DIMENSION PLAN			X	X	X
A-152.00	2ND FLOOR DIMENSION PLAN			X	X	X
A-153.00	3RD FLOOR DIMENSION PLAN (4TH THRU 6TH SIMILAR)			X	X	X
A-157.00	7TH FLOOR DIMENSION PLAN (6TH THRU 19TH SIMILAR)			X	X	X
A-160.00	20TH FLOOR DIMENSION PLAN			X	X	X
A-161.00	21ST FLOOR DIMENSION PLAN			X	X	X
A-163.00	23TH FLOOR DIMENSION PLAN (24TH THRU 26TH SIMILAR)			X	X	X
A-167.00	27TH FLOOR DIMENSION PLAN			X	X	X
A-168.00	28TH FLOOR DIMENSION PLAN (29TH SIMILAR)			X	X	X
A-170.00	30TH FLOOR DIMENSION PLAN			X	X	X
A-171.00	31ST FLOOR DIMENSION PLAN (32ND THRU 36TH SIMILAR)			X	X	X
A-177.00	37TH FLOOR DIMENSION PLAN (38 SIMILAR)			X	X	X
A-179.00	39TH FLOOR DIMENSION PLAN			X	X	X
A-180.00	40TH FLOOR DIMENSION PLAN			X	X	X
A-181.00	41ST, 42ND, & 43RD FLOOR DIMENSION PLANS			X	X	X
	BUILDING SLAB EDGE PLANS					
A-199.00	SUB CELLAR FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-200.00	CELLAR FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-201.00	GROUND FLOOR CONCRETE SLAB PLAN		X	X	X	X

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A-202.00	2ND FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-203.00	3RD FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-204.00	4TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-205.00	5TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-206.00	6TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-207.00	7TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-208.00	8TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-209.00	9TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-210.00	10TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-211.00	11TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-212.00	12TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-213.00	13TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-214.00	14TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-215.00	15TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-216.00	16TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-217.00	17TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-218.00	18TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-219.00	19TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-220.00	20TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-221.00	21ST FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-222.00	22ND FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-223.00	23RD FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-224.00	24TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-225.00	25TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-226.00	26TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-227.00	27TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-228.00	28TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-229.00	29TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-230.00	30TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-231.00	31ST FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-232.00	32ND FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-233.00	33RD FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-234.00	34TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-235.00	35TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-236.00	36TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-237.00	37TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-238.00	38TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-239.00	39TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-240.00	40TH FLOOR CONCRETE SLAB PLAN		X	X	X	X
A-241.00	41ST, 42ND, & 43RD FLOOR CONCRETE SLAB PLANS		X	X	X	X
A-244.00	44TH, 45TH, & 46TH FLOOR CONCRETE SLAB PLANS		X	X	X	X
	BUILDING PERIMETER PLANS					
A-251.00	GROUND FLOOR PERIMETER PLAN		X	X	X	X
A-252.00	2ND FLOOR PERIMETER PLAN		X	X	X	X
A-253.00	3RD FLOOR PERIMETER PLAN		X	X	X	X
A-254.00	4TH FLOOR PERIMETER PLAN		X	X	X	X
A-255.00	5TH FLOOR PERIMETER PLAN		X	X	X	X
A-256.00	6TH FLOOR PERIMETER PLAN		X	X	X	X
A-257.00	7TH FLOOR PERIMETER PLAN		X	X	X	X
A-258.00	8TH FLOOR PERIMETER PLAN		X	X	X	X
A-259.00	9TH FLOOR PERIMETER PLAN		X	X	X	X
A-260.00	10TH FLOOR PERIMETER PLAN		X	X	X	X
A-261.00	11TH FLOOR PERIMETER PLAN		X	X	X	X
A-262.00	12TH FLOOR PERIMETER PLAN		X	X	X	X
A-263.00	13TH FLOOR PERIMETER PLAN		X	X	X	X
A-264.00	14TH FLOOR PERIMETER PLAN		X	X	X	X
A-265.00	15TH FLOOR PERIMETER PLAN		X	X	X	X
A-266.00	16TH FLOOR PERIMETER PLAN		X	X	X	X
A-267.00	17TH FLOOR PERIMETER PLAN		X	X	X	X
A-268.00	18TH FLOOR PERIMETER PLAN		X	X	X	X
A-269.00	19TH FLOOR PERIMETER PLAN		X	X	X	X
A-270.00	20TH FLOOR PERIMETER PLAN		X	X	X	X
A-271.00	21ST FLOOR PERIMETER PLAN		X	X	X	X
A-272.00	22ND FLOOR PERIMETER PLAN		X	X	X	X
A-273.00	23RD FLOOR PERIMETER PLAN		X	X	X	X
A-274.00	24TH FLOOR PERIMETER PLAN		X	X	X	X
A-275.00	25TH FLOOR PERIMETER PLAN		X	X	X	X
A-276.00	26TH FLOOR PERIMETER PLAN		X	X	X	X
A-277.00	27TH FLOOR PERIMETER PLAN		X	X	X	X
A-278.00	28TH FLOOR PERIMETER PLAN		X	X	X	X
A-279.00	29TH FLOOR PERIMETER PLAN		X	X	X	X
A-280.00	30TH FLOOR PERIMETER PLAN		X	X	X	X
A-281.00	31ST FLOOR PERIMETER PLAN		X	X	X	X
A-282.00	32ND FLOOR PERIMETER PLAN		X	X	X	X
A-283.00	33RD FLOOR PERIMETER PLAN		X	X	X	X
A-284.00	34TH FLOOR PERIMETER PLAN		X	X	X	X
A-285.00	35TH FLOOR PERIMETER PLAN		X	X	X	X
A-286.00	36TH FLOOR PERIMETER PLAN		X	X	X	X
A-287.00	37TH FLOOR PERIMETER PLAN		X	X	X	X
A-288.00	38TH FLOOR PERIMETER PLAN		X	X	X	X
A-289.00	39TH FLOOR PERIMETER PLAN		X	X	X	X
A-290.00	40TH FLOOR PERIMETER PLAN		X	X	X	X
A-291.00	41ST, 42ND, & 43RD FLOOR PERIMETER PLANS		X	X	X	X
A-294.00	44TH, 45TH, & 46TH FLOOR PERIMETER PLANS		X	X	X	X
	BUILDING ENCLOSURE					
A-300.00	3-D VIEWS OF BUILDING ENCLOSURE		X	X	X	X
A-301.00	BUILDING ELEVATIONS - NORTH		X	X	X	X
A-302.00	BUILDING ELEVATIONS - NORTH		X	X	X	X
A-303.00	BUILDING ELEVATIONS - SOUTH		X	X	X	X
A-304.00	BUILDING ELEVATIONS - SOUTH		X	X	X	X
A-305.00	BUILDING ELEVATIONS - EAST		X	X	X	X
A-306.00	BUILDING ELEVATIONS - EAST		X	X	X	X
A-307.00	BUILDING ELEVATIONS WEST		X	X	X	X
A-308.00	BUILDING ELEVATIONS WEST		X	X	X	X
A-310.00	DEVELOPED ELEVATIONS - CORNER PAVILION		X	X	X	X
A-311.00	DEVELOPED ELEVATIONS - TOWER BASE		X	X	X	X
A-312.00	DEVELOPED ELEVATIONS - 28TH ST. TOWER		X	X	X	X
A-313.00	DEVELOPED ELEVATIONS - 28TH ST. PAVILION		X	X	X	X
A-314.00	DEVELOPED ELEVATIONS - 28TH ST. PAVILION		X	X	X	X
A-315.00	DEVELOPED ELEVATIONS - PARK AVE. SO. PAVILION		X	X	X	X
A-316.00	DEVELOPED ELEVATIONS - PARK AVE. SO. PAVILION		X	X	X	X
A-317.00	EXTERIOR WALL FRIT PATTERNS (MOVED FROM A456)			X	X	X
A-318.00	EXTERIOR WALL FRIT PATTERNS (MOVED FROM A457)			X	X	X
A-320.00	BUILDING AND PROPERTY LINE BASELINE ELEVATIONS			X	X	X
A-321.00	BUILDING AND PROPERTY LINE BASELINE ELEVATIONS			X	X	X
A-322.00	BUILDING AND PROPERTY LINE BASELINE ELEVATIONS			X	X	X
A-323.00	BUILDING AND PROPERTY LINE BASELINE ELEVATIONS			X	X	X
A-330.00	RENTAL LOBBY EXTERIOR STOREFRONT ELEVATIONS			X	X	X
A-331.00	CONDO LOBBY EXTERIOR STOREFRONT ELEVATIONS			X	X	X
A-332.00	ENLARGED ELEVATIONS AND PLANS AT PARK AVENUE RETAIL			X	X	X
A-333.00	ENLARGED ELEVATIONS AND PLANS AT PARK AVENUE TOWER				X	X
A-334.00	ENLARGED ELEVATIONS AND PLANS AT PARK AVENUE PAVILION				X	X
A-335.00	ENLARGED ELEVATIONS AND PLANS AT PARK AVENUE TOWER				X	X

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A-336.00	ENLARGED ELEVATIONS AND PLANS AT TOWER BASE EAST				X	X
A-337.00	ENLARGED ELEVATIONS AND PLANS AT TOWER MTA PLAZA				X	X
A-340.00	BUILDING SECTIONS EAST/WEST			X	X	X
A-341.00	BUILDING SECTIONS NORTH/SOUTH		X	X	X	X
A-350.00	FOUNDATION WALL SECTIONS/DETAILS (MOVED FROM A370)		X	X	X	X
A-351.00	FOUNDATION WALL SECTIONS/DETAILS (MOVED FROM A371)		X	X	X	X
A-352.00	FOUNDATION WALL SECTIONS/DETAILS (MOVED FROM A372)		X	X	X	X
A-353.00	FOUNDATION WALL SECTIONS/DETAILS (MOVED FROM A373)		X	X	X	X
A-354.00	FOUNDATION WALL SECTIONS/DETAILS (MOVED FROM A374)		X	X	X	X
A-355.00	FOUNDATION WALL SECTIONS/DETAILS			X	X	X
A-356.00	COURTYARD/CELLAR SECTIONS				X	X
A-360.00	ROOF SECTIONS		X	X	X	X
A-361.00	ROOF SECTIONS		X	X	X	X
A-362.00	ROOF SECTIONS		X	X	X	X
A-363.00	ROOF SECTIONS		X	X	X	X
	EXTERIOR DETAILS					
A-400.00	PLAN DETAILS AT BASE			X	X	X
A-401.00	ENLARGED PLANS COURTYARD			X	X	X
A-402.00	PLAN DETAILS			X	X	X
A-403.00	PLAN DETAILS				X	X
A-404.00	PLAN DETAILS AT ROOF		X	X	X	X
A-405.00	PLAN DETAILS AT BASE				X	X
A-406.00	PLAN DETAILS AT BASE				X	X
A-407.00	ENLARGED PLAN AT ROOF				X	X
A-410.00	RENTAL AND CONDO LOBBY SECTIONS			X	X	X
A-418.00	EXTERIOR WALL SECTIONS AT BASE				X	X
A-419.00	EXTERIOR WALL SECTIONS AT BASE			X	X	X
A-420.00	EXTERIOR WALL SECTIONS AT BASE			X	X	X
A-421.00	TYPICAL EXTERIOR ELEVATIONS AND WALL SECTIONS			X	X	X
A-422.00	TYPICAL EXTERIOR ELEVATIONS AND WALL SECTIONS			X	X	X
A-423.00	EXTERIOR ELEVATIONS AND WALL SECTIONS			X	X	X
A-440.00	EXTERIOR WALL SECTIONS		X	X	X	X
A-441.00	EXTERIOR WALL SECTIONS		X	X	X	X
A-442.00	EXTERIOR WALL SECTIONS (OMITTED)		X			
A-449.00	EXTERIOR WALL SECTION DETAILS AT BASE				X	X
A-450.00	EXTERIOR WALL SECTION DETAILS AT BASE		X	X	X	X
A-451.00	EXTERIOR WALL SECTION DETAILS AT BASE		X	X	X	X
A-452.00	EXTERIOR WALL SECTION DETAILS AT BASE		X	X	X	X
A-453.00	DETAILS AT CONDO LOBBY		X	X	X	X
A-454.00	DETAILS AT RENTAL LOBBY		X	X	X	X
A-456.00	EXTERIOR WALL SECTION DETAILS AT ROOF		X	X	X	X
A-457.00	TYPICAL DETAILS AT ROOF		X	X	X	X
A-458.00	EXTERIOR WALL SECTION DETAILS AT BASE				X	X
A-459.00	EXTERIOR WALL SECTION DETAILS AT BASE				X	X
A-460.00	EXTERIOR WALL SECTION DETAILS AT STOREFRONT			X	X	X
A-461.00	EXTERIOR WALL SECTION DETAILS			X	X	X
A-462.00	EXTERIOR WALL SECTION DETAILS			X	X	X
A-463.00	EXTERIOR WALL SECTION DETAILS			X	X	X
A-464.00	EXTERIOR DETAILS AT COURTYARD			X	X	X
A-465.00	EXTERIOR DETAILS AT COURTYARD			X	X	X
A-466.00	EXTERIOR DETAILS AT GROUND				X	X
A-467.00	EXTERIOR DETAILS AT GROUND				X	X
A-470.00	SUBWAY ENTRY PLANS (MOVED FROM A350)		X	X	X	X
A-471.00	SUBWAY ENTRY SECTIONS (MOVED FROM A351)			X	X	X
A-472.00	SUBWAY ENTRY INTERIOR ELEVATIONS AND DETAILS (MOVED FROM A352)			X	X	X
A-473.00	SUBWAY ENTRY INTERIOR ELEVATIONS AND DETAILS (MOVED FROM A353)			X	X	X
A-474.00	SUBWAY ENTRY DESIGN OF THE CANOPY (MOVED FROM A354)			X	X	X
A-475.00	SUBWAY ELEVATOR SECTIONS AND DETAILS (MOVED FROM A355)			X	X	X
A-476.00	SUBWAY ENTRY AXION AND PERSPECTIVE				X	X
A-480.00	RENTAL CANOPY PLANS AND SECTIONS				X	X
A-481.00	CONDO CANOPY PLANS AND SECTIONS				X	X
	ENLARGED INTERIOR PLANS/SECTIONS/DETAILS					
A-501.00	CORE PLANS GROUND FLOOR, CELLAR, AND SUB-CELLAR		X	X	X	X
A-502.00	CORE PLANS 2ND THRU 24TH FLOORS		X	X	X	X
A-503.00	CORE PLANS 25TH THRU 30TH FLOORS		X	X	X	X
A-504.00	CORE PLANS 31ST THRU 43RD FLOORS		X	X	X	X
A-505.00	STAIR SECTIONS - STAIRS 1, 2, 3		X	X	X	X
A-506.00	STAIR PLAN AND SECTION - STAIR 4		X	X	X	X
A-507.00	ELEVATOR PLANS AND SECTIONS - CONDOS				X	X
A-508.00	ELEVATOR PLANS AND SECTIONS - RENTAL, SERVICE, TRANSIT				X	X
A-510.00	REFUSE CHUTE SECTION ROOM SECTION AND DETAILS		X	X	X	X
A-550.00	TYPICAL CORRIDOR ELEVATIONS FLOORS 2-22 (RENAMED)		X	X	X	X
A-551.00	TYPICAL CORRIDOR ELEVATIONS FLOORS 2-22				X	X
A-552.00	TYPICAL CORRIDOR ELEVATIONS FLOORS 2-22				X	X
A-560.00	KITCHEN PLANS AND ELEVATIONS				X	X
A-561.00	KITCHEN PLANS AND ELEVATIONS				X	X
A-562.00	KITCHEN PLANS AND ELEVATIONS				X	X
A-563.00	KITCHEN PLANS AND ELEVATIONS				X	X
A-564.00	KITCHEN PLANS AND ELEVATIONS				X	X
A-565.00	KITCHEN PLANS AND ELEVATIONS				X	X
A-566.00	KITCHEN DETAILS				X	X
A-567.00	KITCHEN DETAILS				X	X
A-568.00	KITCHEN BATHROOM CURTAIN WALL DETAILS					X
A-570.00	BATHROOM PLANS AND ELEVATIONS				X	X
A-571.00	BATHROOM PLANS AND ELEVATIONS				X	X
A-572.00	BATHROOM PLANS AND ELEVATIONS				X	X
A-573.00	BATHROOM PLANS AND ELEVATIONS				X	X
A-574.00	BATHROOM DETAILS				X	X
A-575.00	NON-RESIDENTIAL BATHROOM PLANS AND ELEVATIONS				X	X
A-576.00	NON-RESIDENTIAL BATHROOM PLANS AND ELEVATIONS				X	X
A-577.00	NON-RESIDENTIAL BATHROOM PLANS AND ELEVATIONS					X
A-578.00	NON-RESIDENTIAL BATHROOM PLANS AND ELEVATIONS					X
A-580.00	MISCELLANEOUS INTERIOR DETAILS (RENAMED)				X	X
A-582.00	HEAT PUMP DETAILS				X	X
	REFLECTED CEILING PLANS					
A-599.00	SUB CELLAR FLOOR RCP		X	X	X	X
A-600.00	CELLAR FLOOR RCP		X	X	X	X
A-600A.00	CELLAR LIGHTING CONTROL ZONES			X	X	X
A-601.00	GROUND FLOOR RCP		X	X	X	X
A-601A.00	GROUND FLOOR LIGHTING CONTROL ZONES			X	X	X
A-601B.00	LIGHTING CONTROL ONE LINE DIAGRAMS			X	X	X
A-602.00	2ND FLOOR RCP		X	X	X	X
A-603.00	3RD FLOOR RCP (4TH THRU 5TH SIMILAR)		X	X	X	X
A-606.00	6TH FLOOR RCP		X	X	X	X
A-607.00	7TH FLOOR RCP (8TH THRU 16TH SIMILAR)		X	X	X	X
A-619.00	19TH FLOOR RCP		X	X	X	X
A-620.00	20TH FLOOR RCP (21ST AND 22ND SIMILAR)		X	X	X	X
A-621.00	21ST FLOOR RCP		X	X	X	X
A-622.00	22ND FLOOR RCP		X	X	X	X
A-623.00	23TH FLOOR RCP (24TH THRU 25TH SIMILAR)		X	X	X	X
A-626.00	26TH FLOOR RCP		X	X	X	X
A-627.00	27TH FLOOR RCP		X	X	X	X

400PAS (PARK AVENUE SOUTH)		FOUNDATION PERMIT 02.03.2012	DESIGN DEVELOPMENT 02.17.2012	80% CONSTRUCTION DOCUMENTS 05.15.2012	CONSTRUCTION DOCUMENTS 06.15.2012	HUB SUBMISSION 08.10.2012
A-628.00	28TH FLOOR RCP		X	X	X	X
A-629.00	29TH FLOOR RCP		X	X	X	X
A-630.00	30TH FLOOR RCP		X	X	X	X
A-631.00	31ST FLOOR RCP (32ND THRU 35TH SIMILAR)		X	X	X	X
A-636.00	36TH FLOOR RCP		X	X	X	X
A-637.00	37TH FLOOR RCP		X	X	X	X
A-638.00	38TH FLOOR RCP		X	X	X	X
A-639.00	39TH FLOOR RCP		X	X	X	X
A-640.00	40TH FLOOR RCP		X	X	X	X
A-641.00	41ST,42ND,&43RD FLOOR RCP		X	X	X	X
	INTERIOR PLANS/SECTIONS/DETAILS - AMENITIES AND LOBBIES					
A-700.00	CELLAR FLOOR FINISH PLAN		X	X	X	X
A-701.00	GROUND FLOOR FINISH PLAN		X	X	X	X
A-702.00	INTERIOR ELEV. AMENITIES		X	X	X	X
A-703.00	INTERIOR ELEV. AMENITIES		X	X	X	X
A-704.00	INTERIOR ELEV. AMENITIES (PREVIOUS A704 MOVED TO A707)			X	X	X
A-705.00	INTERIOR ELEV. AMENITIES (PREVIOUS A705 MOVED TO A708)		X	X	X	X
A-706.00	INTERIOR ELEV. AMENITIES				X	X
A-707.00	INTERIOR ELEV. RENTAL LOBBY			X	X	X
A-708.00	INTERIOR ELEV. CONDO LOBBY (PREVIOUS A708 MOVED TO A721)		X	X	X	X
A-710.00	ENLARGED DETAILS AMENITIES			X	X	X
A-711.00	ENLARGED DETAILS AMENITIES			X	X	X
A-713.00	CONDO LOBBY MAILBOXES (OMITTED, SEE A-716.00)		X			
A-714.00	RENTAL LOBBY MAILBOXES (OMITTED, SEE A-716.00)		X			
A-715.00	ENLARGED DETAILS LOBBIES			X	X	X
A-716.00	ENLARGED DETAILS LOBBIES			X	X	X
A-717.00	AMENITY LEVEL CLUB BAR MILLWORK				X	X
A-718.00	ELEVATOR CABS		X	X	X	X
A-720.00	CONDO LOBBY CONCIERGE DESK		X	X	X	X
A-721.00	RENTAL LOBBY CONCIERGE DESK		X	X	X	X
A-722.00	CONDO LOBBY REVOLVING DOOR (OMITTED, SEE A-400.00)		X			
A-723.00	CONDO LOBBY REVOLVING DOOR (OMITTED, SEE A-400.00)		X			
A-724.00	LOBBY DETAILS MISCELLANEOUS (OMITTED, SEE A-715.00 AND A-716.00)		X			
A-725.00	CELLAR DETAILS GLASS WALL AT LAP POOL/GYM (OMITTED, SEE A-710.00)		X			
	SCHEDULES					
A-801.00	PARTITION SCHEDULE		X	X	X	X
A-802.00	PARTITION AND CEILING DETAILS		X	X	X	X
A-810.00	DOOR SCHEDULE		X	X	X	X
A-812.00	DOOR TYPES AND DETAILS		X	X	X	X
	POOL / SAUNA / STEAM					
	POOL					
XP-001.00	FACILITY PLAN, NOTES, AND DETAILS			X	X	X
XP-002.00	POOL PLAN, SECTIONS, AND DETAILS			X	X	X
XP-003.00	PIPING PLAN, SCHEMATICS, EQUIPMENT SCHEDULES, DETAILS			X	X	X
XP-004.00	MISCELLANEOUS DETAILS			X	X	X
	CONDOMINIUM INTERIOR DESIGN					
	SCHEDULES					
X-010.00	PLUMBING SC

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ES3549822503 Scan Code

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400PAS (PARK AVENUE SOUTH)						
DRAWING NUMBER	DRAWING TITLE					
	VOLUME II					
	STRUCTURAL					
	GENERAL NOTES					
S-001.00	GENERAL NOTES, DRAWING INDEX AND DESIGN CRITERIA CRITERIA/LOADS	X	X	X	X	
	FOUNDATION AND BELOW GRADE FLOORS					
FO-101.00	FOUNDATION AND SUB-CELLAR FLOOR PLAN	X	X	X	X	
FO-102.00	CELLAR FLOOR PLAN	X	X	X	X	
FO-103.00	MAT FOUNDATION PLAN	X	X	X	X	
FO-104.00	CELLAR REINFORCEMENT PLAN			X	X	
FO-111.00	TYPICAL FOUNDATION DETAILS	X	X	X	X	
FO-112.00	FOUNDATION SECTIONS AND DETAILS	X	X	X	X	
FO-113.00	FOUNDATION SECTIONS AND DETAILS	X	X	X	X	
FO-114.00	FOUNDATION SECTIONS AND DETAILS	X	X	X	X	
FO-115.00	FOUNDATION SECTIONS AND DETAILS	X	X	X	X	
FO-116.00	FOUNDATION SECTIONS AND DETAILS	X	X	X	X	
FO-117.00	FOUNDATION SECTIONS AND DETAILS			X	X	
	SUPERSTRUCTURE PLANS					
S-201.00	GROUND FLOOR PLAN	X	X	X	X	X
S-202.00	2ND FLOOR PLAN		X	X	X	X
S-203.00	3RD FLOOR PLAN		X	X	X	X
S-204.00	4TH - 6TH FLOOR PLAN		X	X	X	X
S-207.00	7TH - 9TH FLOOR PLAN		X	X	X	X
S-210.00	10TH - 13TH FLOOR PLAN		X	X	X	X
S-214.00	14TH - 15TH FLOOR PLAN (NEW TITLE)		X	X	X	X
S-216.00	16TH - 19TH FLOOR PLAN			X	X	X
S-217.00	17TH - 19TH FLOOR PLAN (OMITTED)		X			
S-220.00	20TH FLOOR PLAN		X	X	X	X
S-221.00	21ST - 22ND FLOOR PLAN (NEW TITLE)		X	X	X	X
S-222.00	22ND FLOOR PLAN (OMITTED)		X			
S-223.00	23RD - 26TH FLOOR PLAN		X	X	X	X
S-227.00	27TH FLOOR PLAN		X	X	X	X
S-228.00	28TH - 29TH AND 30TH FLOOR PLAN		X	X	X	X
S-231.00	31ST + 33RD AND 34TH + 36TH FLOOR PLAN (NEW TITLE)		X	X	X	X
S-237.00	37TH - 38TH AND 39TH FLOOR PLANS			X	X	X
S-240.00	40TH FLOOR PLAN AND ROOF PLAN		X	X	X	X
S-241.00	BULKHEAD LAYOUT PLANS (OMITTED, RENAMED AS S-242.00)		X	X		
S-242.00	BULKHEAD LAYOUT PLANS				X	X
S-251.00	ROOF PARAPET AND ENCLOSURE FRAMING PLANS		X	X	X	X
S-252.00	ROOF PARAPET AND ENCLOSURE FRAMING PLANS		X	X	X	X
S-253.00	ROOF PARAPET AND ENCLOSURE FRAMING PLANS		X	X	X	X
S-254.00	ROOF PARAPET AND ENCLOSURE ELEVATIONS			X	X	X
S-255.00	ROOF PARAPET AND ENCLOSURE ELEVATIONS			X	X	X
	SUPERSTRUCTURE REINFORCEMENT PLANS					
S-301.00	GROUND FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-302.00	2ND FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-303.00	3RD FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-304.00	4TH - 6TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-307.00	7TH - 9TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-310.00	10TH - 13TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-314.00	14TH - 15TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-316.00	16TH - 19TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-320.00	20TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-321.00	21ST - 22ND FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-323.00	23RD - 26TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-327.00	27TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-328.00	28TH - 29TH AND 30TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-331.00	31ST + 33RD AND 34TH + 36TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-337.00	37TH - 38TH AND 39TH FLOOR PLAN REINFORCEMENT PLAN			X	X	X
S-340.00	40TH FLOOR PLAN AND ROOF PLAN REINFORCEMENT PLAN			X	X	X
S-341.00	BULKHEAD LAYOUT ... (OMITTED, RENAMED AS S-342.00)			X		
S-342.00	BULKHEAD LAYOUT PLANS REINFORCEMENT PLAN				X	X
	COLUMNS AND SHEAR WALLS					
S-401.00	COLUMN SCHEDULE	X	X	X	X	X
S-402.00	COLUMN SCHEDULE		X	X	X	X
S-403.00	PARAPET ENCLOSURE POST SCHEDULES		X	X	X	X
S-404.00	COLUMN SECTIONS AND DETAILS	X	X	X	X	X
S-411.00	SHEAR WALL PLANS			X	X	X
S-412.00	SHEAR WALL PLANS			X	X	X
S-413.00	SHEAR WALL PLANS			X	X	X
S-414.00	SHEAR WALL PLANS			X	X	X
S-415.00	SHEAR WALL PLANS			X	X	X
S-416.00	SHEAR WALL PLANS			X	X	X
S-417.00	SHEAR WALL PLANS			X	X	X
S-418.00	SHEAR WALL PLANS			X	X	X
S-419.00	SHEAR WALL PLANS			X	X	X
S-420.00	SHEAR WALL PLANS			X	X	X
S-421.00	SHEAR WALL PLANS			X	X	X
S-422.00	SHEAR WALL PLANS			X	X	X
S-423.00	SHEAR WALL PLANS			X	X	X
S-424.00	SHEAR WALL DETAILS			X	X	X
S-425.00	LINK BEAM SCHEDULES AND DETAILS			X	X	X
S-426.00	SHEAR WALL DETAILS			X	X	X
S-427.00	LINK BEAM DETAILS				X	X
	CONCRETE DETAILS					
S-501.00	TYPICAL CONCRETE DETAILS	X	X	X	X	X
S-502.00	TYPICAL CONCRETE DETAILS	X	X	X	X	X
S-503.00	CONCRETE SECTIONS AND DETAILS			X	X	X
S-504.00	CONCRETE SECTIONS AND DETAILS			X	X	X
S-505.00	CONCRETE SECTIONS AND DETAILS			X	X	X
S-506.00	CONCRETE SECTIONS AND DETAILS			X	X	X
	MASONRY DETAIL					
S-601.00	MASONRY DETAILS AND SCHEDULES		X	X	X	X
	STEEL DETAILS					
S-701.00	STEEL SECTIONS AND DETAILS			X	X	X
S-702.00	STEEL SECTIONS AND DETAILS			X	X	X
	MECHANICAL					
	MECHANICAL					

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400PAS (PARK AVENUE SOUTH)						
M-001.00	MECHANICAL LEGEND, SYMBOLS & DRAWING LIST		X	X	X	X
M-099.00	SUB-CELLAR MECHANICAL PLAN		X	X	X	X
M-100.00	CELLAR MECHANICAL PLAN		X	X	X	X
M-101.00	GROUND FLOOR MECHANICAL PLAN		X	X	X	X
M-102.00	2ND FLOOR MECHANICAL PLAN		X	X	X	X
M-103.00	3RD FLOOR MECHANICAL PLAN (4TH-6TH SIMILAR)		X	X	X	X
M-107.00	7TH FLOOR MECHANICAL PLAN (8TH-19TH SIMILAR)		X	X	X	X
M-120.00	20TH FLOOR MECHANICAL PLAN		X	X	X	X
M-121.00	21ST FLOOR MECHANICAL PLAN (22ND SIMILAR)		X	X	X	X
M-123.00	23RD FLOOR MECHANICAL PLAN (24-26 SIMILAR)		X	X	X	X
M-127.00	27TH FLOOR MECHANICAL PLAN		X	X	X	X
M-128.00	28TH FLOOR MECHANICAL PLAN (29TH SIMILAR)		X	X	X	X
M-130.00	30TH FLOOR MECHANICAL PLAN		X	X	X	X
M-131.00	31ST FLOOR MECHANICAL PLAN (32ND-36TH SIMILAR)		X	X	X	X
M-137.00	37TH FLOOR MECHANICAL PLAN (38TH SIMILAR)		X	X	X	X
M-139.00	39TH FLOOR MECHANICAL PLAN		X	X	X	X
M-140.00	40TH FLOOR MECHANICAL PLAN		X	X	X	X
M-141.00	41ST, 42ND & 43RD FLOOR MECHANICAL PLANS		X	X	X	X
M-142.00	COMPOSITE ROOF MECHANICAL PLAN (OMITTED)		X			
M-301.00	MECHANICAL AIR RISER DIAGRAM NO.1		X	X	X	X
M-302.00	MECHANICAL AIR RISER DIAGRAM NO.2		X	X	X	X
M-303.00	MECHANICAL FLOW RISER DIAGRAM		X	X	X	X
M-401.00	MECHANICAL SCHEDULE SHEET		X	X	X	X
M-501.00	MECHANICAL DETAIL SHEET NO. 1 (NEW TITLE)		X	X	X	X
M-502.00	MECHANICAL DETAIL SHEET NO. 2			X	X	X
M-601.00	REMOTE FUNCTIONS LIST NO. 1			X	X	X
M-602.00	REMOTE FUNCTIONS LIST NO. 2			X	X	X
M-603.00	REMOTE FUNCTIONS LIST NO. 3			X	X	X
M-604.00	MOTOR CONTROL LIST SHEET NO. 1				X	X
M-605.00	MOTOR CONTROL LIST SHEET NO. 2				X	X
	ELECTRICAL					
E-001.00	ELECTRICAL SYMBOL LIST		X	X	X	
E-099.00	ELECTRICAL SUB-CELLAR FLOOR PLAN		X	X	X	
E-100.00	ELECTRICAL CELLAR FLOOR PLAN		X	X	X	
E-101.00	ELECTRICAL GROUND FLOOR PLAN		X	X	X	
E-102.00	ELECTRICAL 2ND FLOOR PLAN		X	X	X	
E-103.00	ELECTRICAL 3RD FLOOR PLAN (4TH-6TH SIMILAR)		X	X	X	
E-107.00	ELECTRICAL 7TH FLOOR PLAN (8TH-19TH SIMILAR)		X	X	X	
E-120.00	ELECTRICAL 20TH FLOOR PLAN		X	X	X	
E-121.00	ELECTRICAL 21ST FLOOR PLAN (22ND SIMILAR)		X	X	X	
E-123.00	ELECTRICAL 23RD FLOOR PLAN (23RD-26TH SIMILAR)		X	X	X	
E-126.00	ELECTRICAL 26TH FLOOR PART PLAN (PREVIOUSLY E-201.00)				X	
E-127.00	ELECTRICAL 27TH FLOOR PLAN		X	X	X	
E-128.00	ELECTRICAL 28TH FLOOR PLAN (29TH SIMILAR)		X	X	X	
E-130.00	ELECTRICAL 30TH FLOOR PLAN		X	X	X	
E-131.00	ELECTRICAL 31ST FLOOR PLAN (32ND-36TH SIMILAR)		X	X	X	
E-137.00	ELECTRICAL 37TH FLOOR PLAN (38TH SIMILAR)		X	X	X	
E-139.00	ELECTRICAL 39TH FLOOR PLAN		X	X	X	
E-140.00	ELECTRICAL 40TH FLOOR HIGH ROOF PLAN		X	X	X	
E-141.00	ELECTRICAL 41ST, 42ND & 43RD FLOOR PLANS		X	X	X	
E-142.00	ELECTRICAL COMPOSITE ROOF PLAN (OMITTED)		X			
E-200.00	ELECTRICAL CELLAR FLOOR LIGHTING PLAN				X	
E-201.00	ELECTRICAL GROUND FLOOR LIGHTING PLAN (RENAMED)			X	X	
E-300.00	ELECTRICAL RISER DIAGRAM SHEET #1		X	X	X	
E-301.00	ELECTRICAL RISER DIAGRAM SHEET #2 (SD ISSUED AS E-300)		X	X	X	
E-302.00	ELECTRICAL TELEPHONE/CATV RISER DIAGRAM		X	X	X	
E-303.00	ELEC CORR & EXIT STAIR RISER DIAGRAM SHEET #1			X	X	
E-304.00	ELEC CORR & EXIT STAIR RISER DIAGRAM SHEET #2			X	X	
E-305.00	ELECTRICAL POWER RISER DIAGRAM			X	X	
E-400.00	ELECTRICAL SCHEDULE & DETAIL SHEET #1		X	X	X	
E-400A.00	ELECTRICAL SCHEDULE & DETAIL SHEET #2			X	X	
E-401.00	ELECTRICAL SCHEDULE & DETAIL SHEET #3 (NEW TITLE)		X	X	X	
E-402.00	ELECTRICAL SCHEDULE & DETAIL SHEET #4 (NEW TITLE)		X	X	X	
E-403.00	ELECTRICAL SCHEDULE & DETAIL SHEET #5 (NEW TITLE)		X	X	X	
E-404.00	ELECTRICAL SCHEDULE & DETAIL SHEET #6 (NEW TITLE)		X	X	X	
E-404A.00	ELECTRICAL SCHEDULE & DETAIL SHEET #6A				X	
E-404B.00	ELECTRICAL SCHEDULE & DETAIL SHEET #6B				X	
E-404C.00	ELECTRICAL SCHEDULE & DETAIL SHEET #6C				X	
E-405.00	ELECTRICAL SCHEDULE & DETAIL SHEET #7				X	
E-406.00	ELECTRICAL SCHEDULE & DETAIL SHEET #8				X	
E-407.00	ELECTRICAL SCHEDULE & DETAIL SHEET #9				X	
E-408.00	ELECTRICAL SCHEDULE & DETAIL SHEET #10				X	
E-409.00	ELECTRICAL SCHEDULE & DETAIL SHEET #11				X	
E-410.00	ELECTRICAL SCHEDULE & DETAIL SHEET #12				X	
E-601.00	ELECTRICAL MOTOR LIST SHEET #1 (NEW TITLE)		X	X	X	
E-602.00	ELECTRICAL MOTOR LIST SHEET #2			X	X	
EN-001.00	NYS ENERGY CONSERVATION COMPLIANCE CALCULATION				X	
EN-002.00	NYS ENERGY CONSERVATION COMPLIANCE CALCULATION				X	
	PLUMBING					
P-001.00	PLUMBING LEGEND, SYMBOLS & DRAWING LIST		X	X	X	X
P-002.00	PLUMBING UTILITY SITE PLAN		X	X	X	X
P-098.00	PLUMBING UNDERGROUND PIPING PLAN		X	X	X	X
P-099.00	PLUMBING SUB-CELLAR PLAN	X	X	X	X	X
P-100.00	PLUMBING CELLAR PLAN		X	X	X	X
P-101.00	PLUMBING 1ST FLOOR PLAN		X	X	X	X
P-102.00	PLUMBING 2ND FLOOR PLAN (NEW TITLE)		X	X	X	X
P-103.00	PLUMBING 3RD-6TH FLOOR PLAN			X	X	X
P-105.00	PLUMBING 5TH-19TH FLOOR PLAN (OMITTED)		X			
P-107.00	PLUMBING 7TH-11TH FLOORPLAN			X	X	X
P-112.00	PLUMBING 12TH FLOORPLAN			X	X	X
P-113.00	PLUMBING 13TH-19TH FLOORPLAN			X	X	X
P-120.00	PLUMBING 20TH FLOOR PLAN		X	X	X	X
P-121.00	PLUMBING 21ST-22ND FLOOR PLAN			X	X	X
P-123.00	PLUMBING 23RD FLOOR PLAN		X	X	X	X
P-124.00	PLUMBING 24TH-26TH FLOOR PLAN			X	X	X
P-127.00	PLUMBING 27TH FLOOR PLAN			X	X	X
P-128.00	PLUMBING 28TH-29TH FLOOR PLAN		X	X	X	X
P-130.00	PLUMBING 30TH FLOOR PLAN		X	X	X	X
P-131.00	PLUMBING 31ST-36TH FLOOR PLAN		X	X	X	X
P-137.00	PLUMBING 37TH-38TH FLOOR PLAN		X	X	X	X
P-139.00	PLUMBING 39TH FLOOR PLAN		X	X	X	X
P-140.00	PLUMBING 40TH FLOOR PLAN			X	X	X
P-141.00	PLUMBING 41ST, 42ND, 43RD, AND EMR ROOF PLAN		X	X	X	X
P-142.00	PLUMBING 42ND FLOOR PLAN (OMITTED)		X			
P-301.00	PLUMBING SANITARY RISER DIAGRAM			X	X	X
P-302.00	PLUMBING SANITARY RISER DIAGRAM			X	X	X
P-303.00	PLUMBING SANITARY RISER DIAGRAM			X	X	X

		FOUNDATION PERMIT 02.03.2012	DESIGN DEVELOPMENT 02.17.2012	80% CONSTRUCTION DOCUMENTS 05.15.2012	CONSTRUCTION DOCUMENTS 06.15.2012	H.I.B. SUBMISSION 08.10.2012
400PAS (PARK AVENUE SOUTH)						
P-305.00	PLUMBING SANITARY RISER DIAGRAM (RENAMED)			X	X	X
P-306.00	PLUMBING SANITARY RISER DIAGRAM (RENAMED)			X	X	X
P-307.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (RENAMED)				X	X
P-308.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (RENAMED)				X	X
P-309.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (RENAMED)				X	X
P-310.00	PLUMBING DOMESTIC WATER RISER DIAGRAM (RENAMED)				X	X
P-311.00	PLUMBING DOMESTIC WATER RISER DIAGRAM		X	X	X	X
P-312.00	PLUMBING DOMESTIC WATER RISER DIAGRAM		X	X	X	X
P-313.00	PLUMBING STORM RISER DIAGRAM				X	X
P-314.00	PLUMBING GAS RISER DIAGRAM (PREVIOUSLY P-306.00)				X	X
P-401.00	PLUMBING SCHEDULES SHEET #1		X	X	X	X
P-402.00	PLUMBING SCHEDULES SHEET #2			X	X	X
P-403.00	PLUMBING SCHEDULES SHEET #3			X	X	X
P-500.00	PLUMBING BACKFLOW PREVENTER DETAILS		X	X	X	X
P-501.00	PLUMBING DETAIL SHEET #1		X	X	X	X
P-502.00	PLUMBING DETAIL SHEET #2		X	X	X	X
P-503.00	PLUMBING BACKFLOW PREVENTER DETAILS			X		
	FIRE ALARM					
FA-099.00	FIRE ALARM SUB-CELLAR FLOOR PLAN			X	X	X
FA-100.00	FIRE ALARM CELLAR FLOOR PLAN			X	X	X
FA-101.00	FIRE ALARM GROUND FLOOR PLAN			X	X	X
FA-102.00	FIRE ALARM 2ND PLAN			X	X	X
FA-103.00	FIRE ALARM 3RD FLOOR PLAN (4TH-6TH SIMILAR)			X	X	X
FA-107.00	FIRE ALARM 7TH FLOOR PLAN (8TH-19TH SIMILAR)			X	X	X
FA-120.00	FIRE ALARM 20TH FLOOR PLAN			X	X	X
FA-121.00	FIRE ALARM 21ST FLOOR PLAN (22ND SIMILAR)			X	X	X
FA-123.00	FIRE ALARM 23RD FLOOR PLAN (24TH-26TH SIMILAR)			X	X	X
FA-126.00	FIRE ALARM 26TH FLOOR PART PLAN (APT. 26A, 26B, 26C, 26D)				X	X
FA-127.00	FIRE ALARM 27TH FLOOR PLAN			X	X	X
FA-128.00	FIRE ALARM 28TH FLOOR PLAN (29TH SIMILAR)			X	X	X
FA-130.00	FIRE ALARM 30TH FLOOR PLAN			X	X	X
FA-131.00	FIRE ALARM 31TH FLOOR PLAN (32TH-36TH SIMILAR)			X	X	X
FA-137.00	FIRE ALARM 37TH FLOOR PLAN (38TH SIMILAR)			X	X	X
FA-139.00	FIRE ALARM 39TH FLOOR PLAN			X	X	X
FA-140.00	FIRE ALARM 40TH FLOOR PLAN			X	X	X
FA-141.00	FIRE ALARM 41ST, 42ND, 43RD FLOOR PLANS			X	X	X
FA-201.00	FA 26TH FLOOR PART PLAN (APT A, B, C, D) (RENUMBERED)			X		
FA-300.00	FIRE ALARM RISER DIAGRAM SHEET #1			X	X	X
FA-301.00	FIRE ALARM RISER DIAGRAM SHEET #2			X	X	X
	FIRE PROTECTION					
FP-001.00	FIRE PROTECTION LEGEND, SYMBOLS & DRAWING LIST		X	X	X	
FP-002.00	FIRE PROTECTION PLOT PLAN			X	X	
FP-099.00	SUB-CELLAR FIRE PROTECTION PLAN			X	X	
FP-100.00	CELLAR FIRE PROTECTION PLAN			X	X	
FP-101.00	GROUND FLOOR FIRE PROTECTION PLAN			X	X	
FP-102.00	2ND FLOOR FIRE PROTECTION PLAN			X	X	
FP-103.00	3RD FLOOR FIRE PROTECTION PLAN (4TH-6TH SIMILAR)			X	X	
FP-107.00	7TH FLOOR FIRE PROTECTION PLAN (8TH-19TH SIMILAR)			X	X	
FP-120.00	20TH FLOOR FIRE PROTECTION PLAN			X	X	
FP-121.00	21ST FLOOR FIRE PROTECTION PLAN (22ND SIMILAR)			X	X	
FP-123.00	23RD FLOOR FIRE PROTECTION PLAN (23-26 SIMILAR)			X	X	
FP-127.00	27TH FLOOR FIRE PROTECTION PLAN			X	X	
FP-128.00	28TH FLOOR FIRE PROTECTION PLAN (29TH SIMILAR)			X	X	
FP-130.00	30TH FLOOR FIRE PROTECTION PLAN			X	X	
FP-131.00	31ST FLOOR FIRE PROTECTION PLAN (32ND-36TH SIMILAR)			X	X	
FP-137.00	37TH FLOOR FIRE PROTECTION PLAN (38TH SIMILAR)			X	X	
FP-139.00	39TH FLOOR FIRE PROTECTION PLAN			X	X	
FP-140.00	40TH FLOOR FIRE PROTECTION PLAN			X	X	
FP-141.00	41ST, 42ND, 43RD & EMR ROOF FIRE PROTECTION PLANS			X	X	
FP-201.00	FIRE PROTECTION PARTIAL 26TH FLOOR PLAN			X		
FP-301.00	FIRE PROTECTION RISER DIAGRAM		X	X	X	
FP-401.00	FIRE PROTECTION SCHEDULES & NOTES		X	X	X	
FP-501.00	FIRE PROTECTION DETAILS		X	X	X	
	SECURITY / TELECOMMUNICATIONS					
LV-000.00	COVER PAGE (OMITTED)			X		
LV-100.00	LEGEND			X	X	
LV-101.00	SUB-CELLAR			X	X	
LV-102.00	CELLAR			X	X	
LV-103.00	GROUND FLOOR			X	X	
LV-104.00	2ND FLOOR			X	X	
LV-105.00	3RD - 6TH FLOOR			X	X	
LV-109.00	7TH - 19TH FLOOR			X	X	
LV-121.00	20TH FLOOR			X	X	
LV-122.00	21ST - 22ND FLOOR			X	X	
LV-124.00	23RD FLOOR			X	X	
LV-125.00	24TH FLOOR			X	X	
LV-126.00	25TH - 26TH FLOOR			X	X	
LV-128.00	27TH FLOOR			X	X	
LV-129.00	28TH - 29TH FLOOR			X	X	
LV-131.00	30TH FLOOR			X	X	
LV-132.00	31ST + 36TH FLOOR			X	X	
LV-138.00	37TH - 38TH FLOOR			X	X	
LV-140.00	39TH FLOOR			X	X	
LV-141.00	40TH FLOOR			X	X	
LV-142.00	41ST ROOF				X	
LV-143.00	42ND EMR				X	
LV-144.00	43RD EMR				X	
LV-201.00	SECURITY RISER				X	
LV-202.00	IDF RISER				X	
LV-501.00	DOOR DETAILS			X	X	
LV-502.00	DOOR DETAILS			X	X	
LV-503.00	DOOR DETAILS			X	X	
LV-504.00	MDF ROOM			X	X	
LV-505.00	JACK DETAIL				X	
LV-506.00	IDF CLOSET				X	
LV-507.00	CAMERA DETAILS				X	
	FAÇADE MAINTENANCE					
F-101.00	FAÇADE MAINT SYSTEM COMPOSITE ROOF PLAN EQUIP LAYOUT	X	X	X	X	
F-102.00	FAÇADE MAINT SYSTEM COMPOSITE ROOF PLAN EQUIP LAYOUT	X	X	X	X	
F-201.00	FAÇADE MAINT SYSTEM PART BUILDING SECTION BMU	X	X	X	X	
F-202.00	FAÇADE MAINT SYSTEM PART BUILDING SECTION BMU	X	X	X	X	

Damian Titus
Buildings

APPROVED
Under Directive 2 of 1975

Date/Time: Aug 30, 2012 – 9:32 AM
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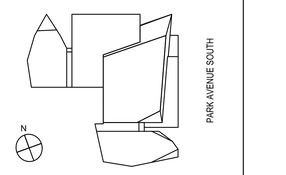
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: NTS=1'-0"
PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:

PROJECT INFORMATION
DRAWING LIST VOLUME II

DRAWING NO:

G-001.00

NYC DOB NO: 121181808

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DEPT OF BLDGS 121181808 Job Number
ES6642569S Scan Code

BUILDING DEPARTMENT NOTES

BC 100: ADMINISTRATION

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE 2008 NEW YORK CITY BUILDING CODE, "NYCBC" OR "BC", AND REFERENCE CODES AS STATED IN BC 101: NYC ELECTRICAL CODE, "EC"; NYC FUEL GAS CODE, "FGC"; NYC MECHANICAL CODE, "MC"; NYC PLUMBING CODE, "PC"; NYC FIRE CODE, "FC", AND THE ENERGY CONSERVATION CONSTRUCTION CODE NEW YORK STATE.
2. ALL MATERIALS ASSEMBLIES, FORMS AND METHODS OF CONSTRUCTION AND SERVICE EQUIPMENT SHALL COMPLY WITH THE NYCBC [ARTICLE 113]
3. THE COMMISSIONER SHALL HAVE THE AUTHORITY TO RENDER INTERPRETATIONS AND TO ADOPT RULES ESTABLISHING POLICIES AND PROCEDURES TO CLARIFY AND IMPLEMENT THE PROVISIONS OF THIS CODE. [BC 104.1]
4. ALL ELEVATIONS NOTED ON CONSTRUCTION DOCUMENTS SHALL BE REFERRED TO AS THE U.S. COAST AND GEODETIC SURVEY MEAN SEA LEVEL DATUM OF 1929 (NATIONAL GEODETIC VERTICAL DATUM, "NGVD"), WHICH IS HEREBY ESTABLISHED AS THE CITY DATUM. [BC 104.7.6].
5. INSPECTIONS REQUIRED BY CODE OR THE BUILDING DEPARTMENT DURING THE PROGRESS OF WORK MAY BE PERFORMED BY THE OWNER'S APPROVED INSPECTION AGENCY [BC 109.1].
6. ALL PERMITS ISSUED BY THE DEPARTMENT OF BUILDINGS SHALL BE POSTED IN A CONSPICUOUS PLACE OPEN TO THE PUBLIC INSPECTION FOR THE ENTIRE TIME OF THE PROSECUTION OF THE WORK OF THE USE AND OPERATION OF THE EQUIPMENT OR UNTIL THE EXPIRATION OF THE PERMIT. [BC §28-105.11]
7. EQUIPMENT REQUIRING USE PERMITS SHALL BE INSPECTED AND TESTED TO DETERMINE PROPER FUNCTIONING AND COMPLIANCE WITH THE BUILDING CODE AND OTHER APPLICABLE LAWS AND REGULATIONS [BC §28 - 116.4.1]

BC 400: SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

1. BC 403.2 AUTOMATIC SPRINKLER SYSTEM. BUILDINGS AND STRUCTURES SHALL BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1. A SECONDARY WATER SUPPLY SHALL BE PROVIDED WHERE REQUIRED BY SECTION 903.3.5.2 AND IN ANY BUILDING HAVING OCCUPIED FLOORS MORE THAN 300 FEET ABOVE THE LOWEST LEVEL OF FIRE DEPARTMENT VEHICLE ACCESS.
2. BC 403.15-IMPACT- RESISTANT STAIR ENCLOSURE. EXIT STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS. MINIMUM IMPACT RESISTANT STANDARDS SHALL BE ESTABLISHED BY RULES OF THE DEPARTMENT.

BC 700: FIRE-RESISTANCE-RATED CONSTRUCTION

1. WHERE PIPES, WIRES, CONDUITS, DUCTS, ETC., PIERCE FIRE PROTECTION OF INDIVIDUALLY ENCASED STRUCTURAL MEMBERS, SUCH PENETRATION SHALL NOT EXCEED 2 PERCENT OF ANY ONE FACE SUCH PROTECTION, AND SHALL BE CLOSED OFF WITH CLOSE FITTING METAL ESCUTCHEONS OR PLATES [BC 714.3].
2. OPENING PROTECTIONS INCLUDING FIRE DOORS AND FRAMES, SELF-CLOSING DEVICES, FIRE-RESISTIVE/PROTECTION GLAZING AND HARDWARE SHALL BE TESTED AND LABELED BY AN APPROVED AGENCY [BC 715].
3. PROVIDE FIRE STOPPING AT ALL DUCT AND PIPE PENETRATIONS THROUGH RATED CONSTRUCTION ACCORDING TO WITH BC 712.
4. DUCTS PASSING THROUGH RATED CONSTRUCTION SHALL BE PROTECTED BY RATED SELF-ENCLOSED DEVICES IN ACCORDANCE WITH BC 716.
5. CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS, FURRING PIPE SPACES SHALL BE FIRE STOPPED TO FORM AN EFFECTIVE DRAFT BARRIER, OR SHALL BE FILLED FILLED WITH NONCOMBUSTIBLE MATERIAL TO PREVENT THE PASSAGE OF FLAME, SMOKE, FUMES, OR HOT GASES FROM ONE FLOOR TO ANOTHER (BOTH VERTICAL AND HORIZONTAL) [BC 717.1].
6. ALL VENT DUCT SHAFTS SHALL BE ENCLOSED WITH 2 HOUR ENCLOSURE WHEN PENETRATING THREE OR MORE STORIES [BC 707.4]
7. NO DUCT VENTS TO PASS THROUGH STAIR ENCLOSURES [BC 716.5.3).
8. SMOKE DAMPERS SHALL BE INSTALLED IN PENETRATIONS OF PUBLIC CORRIDOR WALLS IN ACCORDANCE WITH BC 716.5.2.1.
9. ELEVATOR SHAFTS SHALL BE ENCLOSED WITH CONSTRUCTION FOR 2 HOUR FIRE RATING IN ACCORDANCE WITH BC 707.4 AND BC 707.14
10. FIRE WALLS SHALL COMPLY WITH PROVISION OF SECTION BC 705 AND SHALL BE CONTINUOUS FROM FOUNDATION THROUGH THE ROOF VERTICALLY AND FROM EXTERIOR WALL TO EXTERIOR WALL HORIZONTALLY.
11. DIFFERENT TENANTS NOT SEPARATED BY FIRE WALLS SHALL BE SEPARATED BY FIRE BARRIERS, NOT LESS THAN 1 HOUR SEPARATION. SHALL EXTEND FROM SLAB TO SLAB AND CONTINUE THROUGH CONCEALED SPACES SUCH AS THE SPACE ABOVE SUSPENDED CEILINGS [BC 706.4].
12. NO CONDUIT PIPES, TOILET ACCESSORIES, ETC. SHALL ENCROACH OR PENETRATE A SHAFT WALL PARTITIONS THAT ENCLOSES A STAIR, ELEVATOR SHAFT OR OTHER VERTICAL OPENINGS [BC 707.8] .
13. MEMBRANE PENETRATION OF FIRE RATED WALLS BY TOILET ACCESSORIES, ELECTRIC DEVICES, ETC., SHALL BE INSTALLED SUCH THAT THE FIRE-RESISTENCE WILL NOT BE REDUCED [BC 712.3.2].
14. WOOD REQUIRED TO BE FIRE-RESISTIVE SHALL BE TESTED IN ACCORDANCE WITH SECTION BC 703.
15. ALL MULTIPLE DWELLINGS THAT ARE MORE THAN FIVE STORIES AND CONTAIN MORE THAN (12) DWELLING UNITS SHALL BE PROVIDED WITH A REFUSE CHUTE, REFUSE CHUTE ACCESS ROOMS AND REFUSE CHUTE TERMINATION ROOM [BC 1213 AND BC 707.13]
16. REFUSE CHUTE ACCESS ROOM SHALL BE SPRINKLERED, ENCLOSED IN 2-HR CONSTRUCTION WITH 1 ½ HR PROTECTIVE ACCESS OPENING [BC 707.13.3].
17. ALL DUCT SHAFT OFFSETS SHALL BE ENCASED WITH 2 HR-FIRE RATING [BC 707.4].

BC 800: INTERIOR FINISHES

1. FINISH FLOOR IN ALL EXITS SHALL BE NONCOMBUSTIBLE MATERIALS [BC 804.5].
2. INTERIOR FINISH: MATERIALS SHALL BE CLASSIFIED IN ACCORDANCE WITH THE SURFACE FLAME-SPREAD RATING AS PRESCRIBED IN ASTM E-84-"STANDARD METHOD OF TEST FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIAL" [BC 803].
3. INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN THAT SPECIFIED IN TABLE 803.5 FOR THE GROUP (OCCUPANCY) AND LOCATION DESIGNATED [BC 803.5].
4. SUSPENDED CEILINGS FRAMING SHALL CONSIST OF SUPPORTING HANGERS OF MINIMUM ¼ -INCH DIAMETER STEEL RODS, CARRYING CHANNELS OF MINIMUM 1 ½ -INCH DEEP COLD-ROLLED STEEL WEIGHING 0.457 POUNDS PER LINEAR FOOT , AND A SUPPORTING GRID COMPLYING WITH APPENDIX R. USE OF WIRE HANGERS SHALL NOT BE PERMITTED. DIRECT HUNG SUSPENSION SYSTEMS SHALL NOT BE PERMITTED [BC 803.9.1]
5. ALL COMBUSTIBLE FLOORING TO CONFORM WITH THE REQUIREMENTS OF BC 804.4.

BC 900: FIRE PROTECTION SYSTEMS

1. SPRINKLER SYSTEM SHALL COMPLY WITH BC 903. AND IN ACCORDANCE WITH NFPA 13. SEPARATE SPRINKLER APPLICATION SHALL BE FILED AND APPROVAL OBTAINED.
2. BC 903.3.1.1 NFPA 13 SPRINKLER SYSTEM.STAIR ENCLOSURES SHALL BE CONSTRUCTED OF IMPACT RESISTANT WALLS. MINIMUM IMPACT RESISTANT STANDARDS SHALL BE ESTABLISHED BY RULES OF THE DEPARTMENT.
3. STANPIPE SYSTEMS SHALL BE PROVIDED IN BUILDINGS AND STRUCTURES IN ACCORDANCE WITH BC 905.
4. SMOKE DETECTORS SHALL BE INSTALLED OUTSIDE OF ANY ROOM USED FOR SLEEPING PURPOSES WITHIN 15 FEET TO THE DOOR TO SUCH ROOM AND IN EACH SLEEPING AREA. SMOKE DETECTORS WITHIN A DWELLING UNIT SHALL BE INTERCONNECTED AND CAPABLE OF SUPPORTING VISIBLE ALARM NOTIFICATION APPLIANCES. [BC907.2.10]
5. THE ACTIVATION OF ANY SMOKE DETECTOR OR SPRINKLER WATER FLOW DEVICE SHALL INITIATE A SIGNAL AT AT CENTRAL STATION OR CONSTANTLY ATTENDED LOCATION. A ONE-WAY VOICE COMMUNICATION SHALL BE PROVIDED PER SECTION BC907.2.12.2
6. CARBON MONOXIDE DETECTORS SHALL BE INSTALLED OUTSIDE OF ANY ROOM USED FOR SLEEPING PURPOSES WITHIN 15 FEET TO THE DOOR TO SUCH ROOM AND IN EACH SLEEPING AREA. [BC908.7]
7. CARBON MONOXIDE DETECTORS SHALL BE INSTALLED TO COMPLY WITH THE REQUIREMENTS FOR SMOKE ALARMS IN SECTION 907.2.10.2 THROUGH 907.2.10.4. [BC 90.7.1.1.2]

BC 1000: MEANS OF EGRESS

1. EXIT DOORS SHALL BE READILY OPENABLE AT ALL TIMES FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE. DOORS OPENING INTO INTERIOR ENCLOSED STAIR SHALL NOT BE LOCKED FROM EITHER SIDE EXCEPT THAT DOORS MAY BE LOCKED TO PREVENT ACCESS TO THE STAIR FROM THE OUTDOORS AT THE STREET LEVEL. [BC 1008.1.8]
2. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES [BC 1014.2]
3. ILLUMINATION OF MEANS OF EGRESS SHALL COMPLY WITH BC 1006.
4. EXIT SIGNS SHALL BE ILLUMINATED, LETTERS SHALL BE RED AND NOT LESS THAN 6" HIGH (EXCEPT GROUP A AND R-1, LETTERS SHALL BE NOT LESS THAN 8" HIGH). SIGNS SHALL ALSO COMPLY WITH BC 1011.
5. DOORS AND ASSEMBLIES SHALL HAVE THE FOLLOWING FIRE RESISTIVE RATINGS:

TYPE	PARTITION	DOOR	
A) STAIRS:	2HR	1 ½ HR	BC 1019.1
B) DWELLING UNITS:	1HR	¾ HR	BC 016.1.2
C) REFUSE ROOMS:	2HR	1 ½ HR	BC 07.13.3
D) TRASH COMPACTOR ROOM:	3HR	1 ½ HR	BC707.13.4

6. CORRIDORS AND EXIT PASSAGEWAYS SHALL HAVE A MIN. CLEAR HEIGHT OF 7'-6" FOR AT LEAST 50% OF THE FLOOR AREA WITH NO POINT LESS THAN 7 FT. IN HEIGHT. PROJECTION BELOW THE CEILING SHALL NOT OBSTRUCT FULL VIEW OF EXIT SIGNS [BC 1003.2 & BC 1003.3].
7. DOORS AND WINDOWS WILL COMPLY WITH THE SECURITY REQUIREMENTS OF BC 1008.4 [BC 1008.4.1 THROUGH 1008.4.4]
8. THE COMMON PATH OF TRAVEL EGRESS SHALL COMPLY WITH BC 1013.3
9. THE EXIT TRAVEL DISTANCE SHALL COMPLY WITH BC 1015.1
10. DEAD END CORRIDORS TO COMPLY WITH BC 1013.3

BC 1100: ACCESSIBILITY

1. CONSTRUCTION SHALL COMPLY WITH SECTION 1101.2 AND APPENDIX P.

BC 1200: INTERIOR ENVIRONMENT

1. VENTILATION REQUIREMENTS TO COMPLY WITH BC 1203.
2. YARDS AND COURTS ADJACENT TO EXTERIOR OPENINGS THAT PROVIDE REQUIRED NATURAL LIGHT OR REQUIRED NATURAL VENTILATION, AS PER BC 1206.1
3. YARDS SHALL NOT BE LESS THAN THE DIMENSIONS PRESCRIBED BY THE NEW YORK CITY ZONING RESOLUTION AND OTHER APPLICABLE LAWS, RULES, AND REGULATIONS AS PER BC1206.2. REAR YARD ACCESS FOR MULTIPLE DWELLINGS WILL COMPLY TO BC 1206.2.1.
4. COURTS SHALL NOT BE LESS THAN THE DIMENSIONS PRESCRIBED BY THE NEW YORK CITY ZONING RESOLUTION AND OTHER APPLICABLE LAWS, RULES, AND REGULATIONS AS PER BC 1206.3. COURT ACCESS SHALL BE PROVIDED TO THE BOTTOM OF COURTS FOR CLEANING PURPOSES AS PER 1206.3.1.

BC 1900: CONCRETE

1. THE DESIGN AND CONSTRUCTION OF CONCRETE COMPONENTS THAT RESIST SEISMIC FORCES SHALL CONFORM TO THE REQUIREMENTS OF BC 1910.1 AND TO ACI 318 AS MODIFIED BY SECTION 1908.

BC 2100: MASONRY

1. MASONRY MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF NYCBC CHAPTER 21.
2. ALL MASONRY NON-LOAD BEARING WALLS SHALL BE BONDED IN ACCORDANCE WITH THE REQUIREMENTS OF NYCBC CHAPTER 21.

BC 3200: ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY

1. ALL MARQUEE SIGNAGE SHALL COMPLY WITH SECTION BC 3106 AND SECTION 3202.1.4.

BC 3300: SAFEGUARDS DURING CONSTRUCTION

1. NO TREES OUTSIDE THE STREET LINE SHALL BE REMOVED WITHOUT THE PERMISSION OF THE COMMISSIONER OF THE DEPARTMENT OF PARKS AND RECREATION. PROTECTION SHALL BE PROVIDED PER BC 3309.11.

APPENDIX F: RODENT-PROOFING

1. ALL WORK SHALL COMPLY WITH SECTION BC F101.1, F102.1 THROUGH F102.5.

NY STATE ENERGY CONSERVATION CODE

ALL PERTINENT DATA AND DESIGN CRITERIA REGARDING THE FOLLOWING SHALL CONFORM WITH BOTH THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE OF 2007 AND THE NEW YORK CITY BUILDING CODE (WHICHEVER IS MORE STRINGENT.)

A. "U" VALUES OF THE ENVELOPE SUB-SYSTEM.
B. DESIGN INSIDE AIR TEMPERATURE OF EACH ROOM THAT IS TO BE HEATED AND/OR COOLED (72 DEGREES F. FOR HEATING, 73 DEGREES F. FOR COOLING).
C. DESIGN OUTDOOR AIR TEMP. (13 DEGREES F. WINTER, 89 DEGREES F. SUMMER).
D. DESIGN HEAT LOSS AND /OR GAIN THROUGH EACH EXTERIOR FACADE IN BTU/HR.
E. "R" VALUES OF INSULATING MATERIALS.
F. SIZE AND TYPE OF APPARATUS AND EQUIPMENT SYSTEM CONTROLS IS IN CONFORMANCE W/THE REQUIREMENTS OF THE CODE.
G. ELECTRICAL LIGHTING AND POWER DESIGN DATA.
H. FIRE PROTECTION CONSTRUCTION REQUIREMENTS INCLUDING BUILDING CODE LIMITATIONS REGARDING USE OF INSULATION OR EQUIPMENTS.
I. ALL NECESSARY APPROVALS FOR ELECTRICAL WORK FROM THE BUREAU OF ELECTRICAL CONTROL WILL BE OBTAINED.

BUILDING INFORMATION

400 PARK AVENUE SOUTH
NEW YORK, NY 10016

BUILDING BLOCK:	857
BUILDING LOT:	40, 46
ZONNIG DIASTRICT:	C-53
ZONING MAP:	8d

BUILDING CLASSIFICATION STATEMENT

1. OCCUPANCY GROUPS THAT APPLY TO PARTS OF THE BUILDING PER SECTION 302:

OCCUPANCY SCHEDULE		
GROUP	USE	SECTION
R-2	RESIDENTIAL	310.1.2
M	MERCANTILE	309
S-2	S	311.2
A-3	2	303
B	BUSINESS	304

2. OCCUPANCY GROUP OF THE BUILDING`S MAIN USE: RESIDENTIAL R2 (BC 310)
3. CONSTRUCTION CLASS OF THE BUILDING PER SECTION 602: TYPE 1-A NONCOMBUSTIBLE
4. HEIGHTS AND AREA LIMITATIONS PER BC SECTION 503:

TABLE 503 ALLOWABLE HEIGHT AND BUILDING AREAS		
		TYPE OF CONSTRUCTION
GROUP	HEIGHT (FET) HEIGHT (S)	TYPE 1A
R-2		UL
	S	UL
	A	UL
B		UL
	S	UL
	A	UL
M		UL
	S	UL
	A	UL
S-2		UL
	S	UL

5. TYPES OF CONSTRUCTION BC SECTION 601 & 602:

TABLE 601 FIRE RESISTANCE RATING REQUIRMENTS FOR BUILDING ELEMENTS (HOURS)	
CLASS TYPE 1A BUILDING ELEMENT	RATING IN HRS
STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS, TRUSTS	3
BEARING WALLS:	
EXTERIOR	3
INTERIOR	3
NON BEARING WALLS AND PARTITIONS EXTERIOR:	
< 5	1
> 5 TO <10	1
> 10 TO <30	1
>30	0
NON BEARING WALLS AND PARTITIONS INTERIOR	0
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	2
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	1.5

6. REQUIRED SEPARATIONS OF OCCUPANCIES:

TABLE 508.3.3 REQUIRED SEPERATION OF OCCUPANCIES (HOURS)					
USE	R-2	M	S-2	A-3	
R-2	-	2	2	2	
M	2	-	2	-	
S-2	2	2	-	2	
A-3	2	-	2	-	

7. INTERIOR FINISHES:
INTERIOR WALL AND CEILING FINISHES SHALL BE CLASSIFIED IN ACCORDANCE WITH ASTM 84. SUCH INTERIOR FINISH MATERIALS SHALL BE GROUPED IN THE FOLLOWING CLASSES IN ACCORDANCE WITH THEIR FLAME SPREAD INDEX.
CLASS A: FLAME SPREAD 0-25
CLASS B: FLAME SPREAD 26-75
CLASSC: FLAME SPREAD 76-20

TABLE 803.5 INTERIOR WALL AND CEILING FINISH REQUIRMENTS BY OCCUPANCY			
	SPRINKLERED		
GROUP	VERTICAL EXITS AND EXIT PASSAGWAYS	EXIT ACCESS CORRIDORS AND OTHER EXIT WAYS	ROOMS AND ENCLOSURE SPACES
R-2	B	B	C

8. FIRE RESISTANCE-RATED CONSTRUCTION:
BC TABLE 704.8 MAXIMUM AREA OF EXTERIOR WALL OPENINGS:
SEE DRAWINGS A030N-A032
9. HIGHEST AND LOWEST LEVELS OF FIRE DEPARTMENT ACCESS:
10. FIRE DISTRICTS
11. STRUCTURAL OCCUPANCY CATEGORY PER TABLE 1604.5: CATEGORY II
12. PROJECT ZONING LOT IS LOCATED ENTIRELY WITHIN FLOOD HAZARD ZONE X.
13. INSPECTIONS SHALL BE CARRIED OUT IN ACCORDANCE TO BC 1704 AND APPROVALS IN ACCORDANCE TO BC1703. THE FOLLOWING ARE SOME OF WORK THAT SHALL BE SUBJECT TO THE CONTROLLED INSPECTION MADE AND WITNESSED BY OR UNDER THE DIRECT SUPERVISION OF ARCHITECT OR ENGINEER RETAINED BY THE OWNER AND ACCEPTABLE TO ARCHITECT OF RECORD. SIGNED COPIES TEST AND INSPECTION REPORTS SHALL BE FILED THE ARCHITECT WITH THE BUILDING DEPARTMENT.

A. SOILS - INVESTIGATIONS	BC 1704.7
B. PILE FOUNDATIONS	BC 1704.8
C. UNDERPINNING	BC 1704.9.1
D. CONCRETE DESIGN MIX	BC 1905.3
E. CONCRETE TEST CYLINDERS	BC 1905.6
F. CONCRETE - CAST IN PLACE	BC 1704.4
G. CONCRETE - PRECAST	BC 1704.10
H. FIRE STOP	BC 1704.25
I. MECHANICAL SYSTEMS	BC 1704.15
J. CHIMNEYS	BC 1704.24
K. FIRE RESISTIVE PAT'D CONSTR.	BC 109.3.4
L. ENERGY CODE COMPLIANCE	
M. SITE STORM DRAINAGE	BC 1704.20
N. PRELIMINARY 28-116.2.1	BC 109.2
O. FOOTINGS AND FOUNDATION	BC 109.3.1
P. SOILS AND SITE PREP	BC 1704.7.1
Q. SOILS FILL PLACEMENT & DENSITY	BC 1704.7.2
R. STRUCTURAL SAFETY & STABILITY	BC 1704.19
S. EXCAVATION SHEETING, SHORING, BRACING	BC 1704.19
T. WALL PANELS CURTAIN WALLS	

14. LIST OF ITEMS TO BE FILED SEPARATELY
A. BOILERS
B. ELEVATORS
C. SPRINKLERS
D. STANDPIPES
E. FIRE ALARM
F. PLACE OF ASSEMBLY PERMITS
G. TENANT INTERIOR LAYOUT
H. MARQUEES
I. GENERATOR
J. FIRE PROTECTION PLAN
K. BUILDERS PAVEMENT PLAN
L. EMERGENCY GENERATOR

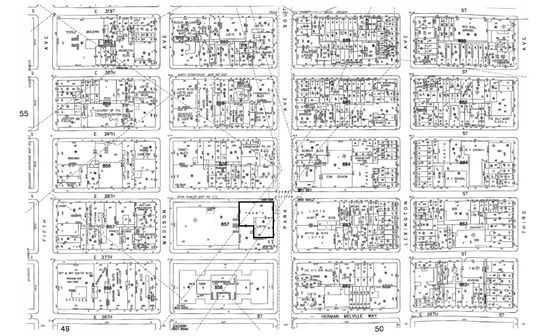
MULTIPLE DWELLING NOTES

1. GENERAL: CLASS A MULTIPLE DWELLINGS WILL BE MADE TO CONFORM TO THE APPLICABLE PROVISIONS OF THE NEW YORK STATE MULTIPLE DWELLING LAW, "MDL", NYC HOUSING MAINTENANCE CODE, "HMC" AND NYC BC.
2. ENTIRE BUILDING WILL BE SPRINKLERED [BC 903.2.7].
3. THE DWELLING WILL BE PROVIDED WITH A FIRE ALARM SYSTEM, INSTALLED, MAINTAINED, AND ARRANGED IN A MANNER SATISFACTORY TO THE FIRE DEPARTMENT. PROOF WILL BE SUBMITTED INDICATING THAT THE SYSTEM IS SATISFACTORY TO THE FIRE DEPARTMENT [BC 907.2.9].
4. THERE SHALL BE A MINIMUM OF TWO INDEPENDENT MEANS OF EGRESS FROM EACH FLOOR WHERE THE TERMINATION OF SUCH MEANS OF EGRESS WILL BE PROVIDED WITH DIRECT UNOBSTRUCTED AND SAFE MEANS OF EGRESS TO A STREET AS INDICATED ON THE PLANS [MDL 67.6; BC 1018].
5. A SAFE TERMINATION WILL BE PROVIDED FOR ALL SUPPLEMENTARY MEANS OF EGRESS (STAIRS, FIRE STAIRS, ETC) AS INDICATED ON THE PLANS [BC 1023].
6. ALL DOORS OPENING FROM SHAFTS, STAIR HALLS OR STAIRS AND THE DOOR ASSEMBLIES SHALL BE FIRE-RESISTIVE WITH THE DOORS SELF-CLOSING AND WITHOUT TRANSOMS OR ANY OTHER OPENING [MDL 67.7; BC 715.3].
7. ENCLOSED STAIRS, FIRE STAIRS, ELEVATORS, OR SIMILAR SHAFTS WILL BE PROVIDED WITH VENTILATION OPENINGS. APPROVED SHAFTS WILL NOT BE USED FOR THE DISCHARGE OF ANY VOLATILE OR DANGEROUS MATTER [MDL 67.10; BC 1019.1.3; BC 3004].
8. REFUSE-COLLECTION ROOMS SHALL BE SEPARATED FROM ALL OTHER OCCUPANCIES BY NON-COMBUSTIBLE CONSTRUCTION HAVING A FIRE RESISTANCE RATING OF TWO HOURS WITH SELF-CLOSING OPENING PROTECTORS [BC 1213.1].
9. IN EVERY KITCHEN AND KITCHENETTE, ALL COMBUSTIBLE MATERIAL IMMEDIATELY UNDERNEATH OR WITHIN ONE FOOT OF ANY APPARATUS USED FOR COOKING OR WARMING OF FOOD SHALL BE FIRE-RETARDED. THERE SHALL ALWAYS BE AT LEAST TWO FEET OF CLEAR SPACE ABOVE ANY EXPOSED COOKING SURFACE OF SUCH APPARATUS [MDL 33.3; HML D26-32.05].
10. THE DWELLING SHALL COMPLY WITH SECTION 37 IN REGARD TO ARTIFICIAL HALL LIGHTING [MDL 37; HML D26-19].
11. ELECTRIC LIGHTING FIXTURES FOR EVERY PUBLIC HALL, STAIR, FIRE STAIR AND FIRE TOWER ON EVERY FLOOR TO BE PROVIDED [MDL 64.1; HML D26-19.03; BC 1006].
12. ELECTRIC LIGHTING FIXTURES AT OR NEAR THE THE FRONT ENTRANCE AND YARDS OR COURTS TO BE PROVIDED [MDL 35;HML D26-19.07; BC 1206.4; BC 1205.3.1].
13. ALL WALLS ENCLOSING COURTS OF MULTIPLE DWELLINGS SHALL BE OF LIGHT COLORED MATERIALS OR SHALL BE PAINTED A LIGHT COLOR [MDL 29; HML D26-12.05; BC 1206.3.4] .
14. WALLS, PARTITIONS, AND FLOOR-CEILING CONSTRUCTION SEPARATING DWELLING UNITS FROM EACH OTHER, OR FROM PUBLIC CORRIDORS OR STAIRS SHALL HAVE SOUND TRANSMISSION CLASS (S.T.C.) RATING OF 50 FOR AIRBORNE NOISE. DWELLING UNIT ENTRANCE DOORS SHALL HAVE A MINIMUM STC RATING OF 35 [BC 1207.2].
15. FLOOR AND CEILING CONSTRUCTION SEPARATING DWELLING UNITS FROM EACH OTHER OR FROM PUBLIC HALLS OR CORRIDORS SHALL HAVE A MINIMUM IMPACT INSULATION CLASS (I.I.C.) RATING OF 50 [BC 1207.3].
16. MECHANICAL ROOMS CONTAINING EQUIPMENT CAN BE ADJACENT TO A DWELLING SPACE EITHER VERTICALLY OR HORIZONTALLY AS LONG AS EQUIPMENT IS CERTIFIED NOT TO EXCEED SOUND POWER LEVEL OUTPUTS NOTED IN TABLE 1207.2.1.[BC 1207.2.1]
17. KEY LOCK IN THE ENTRANCE DOOR TO EACH DWELLING UNIT WITH AT LEAST ONE KEY TO BE PROVIDED BY OWNER [HML D26-20.05; BC 1008.4.2].
18. PEEPHOLES SHALL BE PROVIDED IN THE ENTRANCE DOOR OF EACH HOUSING UNIT . THEY MUST BE SO LOCATED AS TO ENABLE A PERSON IN SUCH HOUSING UNIT TO VIEW FROM THE INSIDE OF THE ENTRANCE DOOR AND PERSON IMMEDIATELY OUTSIDE. THE CUTOUT SHALL NOT AFFECT THE ADEQUACY OF ANY STIFFENING MEMBER OF THE DOOR NOR THE FIRE RATING [MDL 51a; HML D26-20.01; BC 1008.4.2].
19. APPROVED TYPE MAIL RECEPTACLES AND DIRECTORY OF PERSONS LIVING IN DWELLING TO BE PROVIDED [MDL 57.2; HML D26-20.01].
20. VIEWING MIRRORS IN ELEVATORS THAT ENABLES PERSONS TO VIEW ITS INTERIOR BEFORE ENTERING TO BE PROVIDED [MDL 51-b; HML D26-20.03; BC 3001.6].
21. DWELLINGS TO BE EQUIPPED WITH AN INTERCOMMUNICATION SYSTEM THAT SHALL BE LOCATED AT AN AUTOMATIC SELF-LOCKING DOOR GIVING PUBLIC ACCESS TO THE MAIN ENTRANCE HALL OR LOBBY OF BUILDING AND SHALL CONSIST OF A DEVICE OR DEVICES FOR VOICE COMMUNICATION BETWEEN THE OCCUPANT OF EACH APARTMENT AND A PERSON OUTSIDE ENTRANCE DOOR TO THE BUILDING OR LOBBY AND TO PERMIT APARTMENT OCCUPANT TO RELEASE THE LOCKING MECHANISM OF DOOR FROM THE APARTMENT [MDL 50-a; BC 1008.4.4].
22. PROPER FLOOR SIGNS TO BE PROVIDED IN PUBLIC HALL NEAR STAIRS AND ELEVATOR AND WITHIN STAIR ENCLOSURES [HML D26-21.03; BC 1019.1.7; BC 1026; BC 3002.3].
23. THE OWNER OF A DWELLING SHALL POST AND MAINTAIN STREET NUMBERS ON THE BUILDING, WHICH ARE PLAINLY VISIBLE FROM THE SIDEWALK IN FRONT OF THE BUILDING [HML D26-21.07; BC 501.2].
24. RECEPTACLES FOR COLLECTION OF WASTE MATTER TO BE PROVIDED [MDL 81; HML D26-14.03; BC 1213.1] .
25. PREMISES TO BE MAINTAINED AND KEPT FREE OF RODENT AND INSECT INFESTATION [HML D26-13; BC 1212; BC F101].
26. DRAINAGE OF ROOFS AND COURTYARDS TO BE PROVIDED [MDL 77.3; HML D26-16.03; BC 1206.3.3; BC 1503.4] .
27. BULKHEADS WILL BE INSTALLED, MAINTAINED, AND ARRANGED IN CONFORMITY WITH THE REQUIREMENTS OF MDL SECTION 67, SUBDIVISION 11 AND ALSO WILL CONFORM TO THE APPROVED DEPARTMENT OF BUILDINGS PLAN [MDL 67.11; BC 1009.12].

GENERAL NOTES

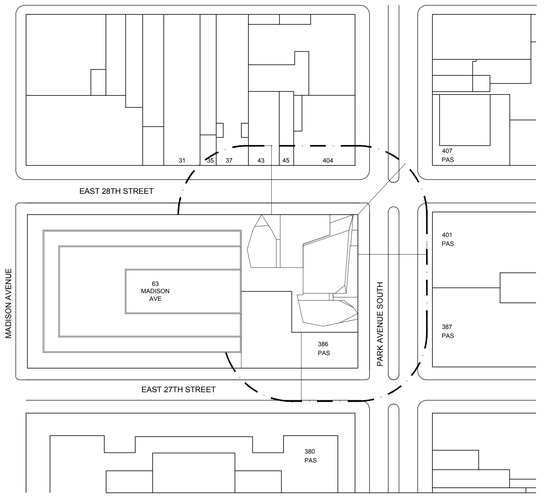
1. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
2. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND ARCHITECT'S OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS.
3. ALL MATERIALS AND CONSTRUCTION TO BE INCORPORATED IN THE WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE A.S.T.M. SPECIFICATIONS APPLICABLE, AND TO CONFORM WITH THE STANDARDS AND RECOMMENDATIONS OF THE VARIOUS TRADE INSTITUTE (A.C.I., A.I.S.C., ETC.) WHERE APPLICABLE ALL MATERIAL INCORPORATED INTO THE WORK SHALL BE NEW.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGES, BREAKAGE, COLLAPSE, DISTORTIONS AND OFF-ALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS AND GOOD PRACTICE.
5. ALL NOTES HEREIN MENTIONED WITH THOSE ON THE VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT.
6. EACH CONTRACTOR SHALL BE HELD STRICTLY RESPONSIBLE FOR HIS WORK. ANY DISCREPANCIES ON THE PLANS OR DETAILS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.
7. CONTRACTOR SHALL COORDINATE ALL TRADES, SUBMIT SHOP DRAWINGS, CUTS OF PRODUCTS AND MATERIALS FOR APPROVAL.
8. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED CERTIFICATES OF INSURANCE WITH THE DEPARTMENT OF BUILDINGS, OBTAIN ALL REQUIRED PERMITS, AND PAY ALL FEES REQUIRED BY GOVERNING NEW YORK CITY AND NEW YORK STATE AGENCIES.
9. ALL MATERIALS, PRODUCTS AND EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS, AND IN ACCORDANCE WITH THE NYCBC.
10. ALL EQUIPMENT MUST BE MEA/ BSA/ REFERENCE STANDARD APPROVED.
11. MECHANICAL EQUIPMENT AND BUILDING SYSTEMS SHALL BE CONSTRUCTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE 2008 NEW YORK CITY MECHANICAL CODE AND THE 2008 NEW YORK CITY FUEL GAS CODE. BC 2801.1
12. PLUMBING SYSTEMS AND EQUIPMENT SHALL BE CONSTRUCTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE NEW YORK CITY PLUMBING CODE BC 2901.1

MAPS



2 SITE LOCATION DIAGRAM

SCALE: NTS


EAST 28TH STREET
EAST 27TH STREET
MADISON AVENUE
PARK AVEN

DEPT OF BLDGS 121181808 Job Number

ES/7437305184 Scan Code

ABBREVIATIONS LEGEND

AB.	ANCHOR BOLT	INCAND.	INCANDESCENT	W.M.	WIRE MESH
ACOUS.	ACOUSTICAL	INCL.	INCLUDE(D)	WSCT.	WAINSCOT
A.C.T.	ACOUSTICAL CEILING TILE	INSUL.	INSULATION	WT.	WEIGHT
A.D.	AREA DRAIN	INT.	INTERIOR	W.W.F.	WELDED WIRE FABRIC
ADH.	ADHESIVE	INTERM.	INTERMEDIATE	YD.	YARD
ADJ.	ADJUSTABLE	INV. EL.	INVERT ELEVATION		
A.F.F.	ABOVE FINISHED FLOOR	JAN.	JANITOR		
AGG.	AGGREGATE	J.C.	JANITOR'S CLOSET		
AIR COND.	AIR CONDITIONING	JT.	JOINT		
ALUM.	ALUMINUM	KD.	KNOCKDOWN		
ALT.	ALTERNATE	K.O.	KNOCKOUT		
ANOD.	ANODIZED	KIT.	KITCHEN		
ANCH.	ANCHOR	K.S.	KNEE SPACE		
ANNC.	ANNUNCIATOR	LAM.	LAMINATE(D)		
ANNUNC.	ANNUNCIATOR	LAUN.	LAUNDRY		
A.P.	ACCESS PANEL	LAV.	LAVATORY		
APPROX.	APPROXIMATE	LB.(S)	POUND(S)		
ARCH.	ARCHITECTURAL	L.D.	LOUVER DRAIN		
ASPH.	ASPHALT	L.F.	LINEAR FOOT		
ASST.	ASSISTANT	L.H.	LEFT HAND		
AUTO.	AUTOMATIC	LKR.	LOCKER		
B.O.	BOTTOM OF	L.P.	LOWPOINT		
BB.	BASEBOARD	LT.	LIGHT		
BD.	BOARD	LT. WT.	LIGHWEIGHT		
BITUM.	BITUMINOUS	M.	METER		
BLDG.	BUILDING	MACH.	MACHINE		
BLK.	BLOCK	MAINT.	MAINTENANCE		
BLKG.	BLOCKING	MAS.	MASONRY		
BM.	BEAM	MATL.	MATERIAL		
B.M.	BENCH MARK	MAX.	MAXIMUM		
BOT.	BOTTOM	M.C.B.	METAL CORNER BEAD		
BR.	BRICK	MD	MOTORIZED DAMPER		
BRG	BEARING	MECH.	MECHANICAL		
BSMT.	BASEMENT	MEMB.	MEMBRANE		
B.T.B.	BACK TO BACK	MEZZ.	MEZZANINE		
B.U.R.	BUILT-UP ROOFING	MFR.	MANUFACTURER		
CAB.	CABINET	M.H.	MANHOLE		
CB.	CATCH BASIN	MIN.	MINIMUM		
CEM.	CEMENT	MISC.	MISCELLANEOUS		
C.G.	CORNER GUARD	MM.	MILLIMETER		
CIRC.	CIRCULATION	M.O.	MASONRY OPENING		
C.L.	CENTER LINE	MOV.	MOVABLE		
CLR.	CLEAR	MTD.	MOUNTED		
CLG.	CEILING	MTG.	MOUNTING		
CLO.	CLOSET	MTL.	METAL		
CM.	CENTIMETER	MUL.	MULLION		
CMU	CONCRETE MASONRY UNIT	N.	NORTH		
C.O.	CLEANOUT	N.I.C.	NOT IN CONTRACT		
COL.	COLUMN	NO.	NUMBER		
CONC.	CONCRETE	NOM.	NOMINAL		
CONF.	CONFERENCE	N.T.S.	NOT TO SCALE		
CONN.	CONNECTION	OA	OVERALL		
CONSTR.	CONSTRUCTION	O.C.	ON CENTER		
CONT.	CONTINUOUS	O.D.	OUTSIDE DIAMETER		
CONTR.	CONTRACTOR	OA	OVERALL		
COORD.	COORDINATE	O.C.	ON CENTER		
CORR.	CORRIDOR	O.D.	OUTSIDE DIAMETER		
CPT.	CARPET	O.F.D	OVERFLOW DRAIN		
C.J.	CONTROL JOINT	OFF.	OFFICE		
C.S.P.	COMBINATION STANDPIPE	OH.	OVERHEAD		
C.T.	CERAMIC TILE	OPNG.	OPENING		
CTR.	CENTER	OPP.	OPPOSITE		
CTSK.	COUNTERSUNK	OPP. H.	OPPOSITE HAND		
CCTV.	CLOSED CIRCUIT TELEVISION	PA.	PUBLIC ADDRESS		
CU.	CUBIC	PAV.	PAVING		
C.W.	COLDWATER	P.C.	PRE-CAST		
DBL.	DOUBLE	PF	PANEL FABRIC		
DEG.	DEGREE	PL.	PLATE		
DEMO.	DEMOLISH	P. LAM.	PLASTIC LAMINATE		
DEPT.	DEPARTMENT	PLAS.	PLASTER		
D.H.	MAGNETIC DOOR HOLDER	PLBG.	PLUMBING		
DIA	DIAMETER	PLWD.	PLYWOOD		
DIAG.	DIAGONAL	PNT.	PAINT		
DIFF.	DIFFUSER	PNL.	PANEL		
DIM.	DIMENSION	POL.	POLISHED		
DISP.	DISPENSER	PR.	PAIR		
DIV.	DIVISION	PROP.	PROPERTY		
DN.	DOWN	P.S.F.	POUNDS PER SQUARE FOOT		
D.O.	DOOR OPENING	P.S.I.	POUNDS PER SQUARE INCH		
DP.	DAMPPROOFING	PTD.	PAINTED		
DR.	DOOR	PTN.	PARTITION		
DS	DOWNSPOUT	P.T.S.	PNEUMATIC TUBE STATION		
D.S.P.	DRY STANDPIPE	PT.	POINT		
DTL.	DETAIL	Q.T.	QUARRY TILE		
DW.	DISTILLED WATER	QTY.	QUANTITY		
DWG.	DRAWING	R.	RISER		
DWT.	DUMBWAITER	RECEP.	RECEPTION		
E.	EAST	REINF.	REINFORCING		
EA.	EACH	RIW	RIGHT-OF-WAY		
EL.	ELEVATION	RAD.	RADIUS		
ELAS.	ELASTOMERIC	R.B.	RUBBER BASE		
ELEC.	ELECTRICAL	R.C.P.	REFLECTED CEILING PLAN		
ELEV.	ELEVATOR	R.D.	ROOF DRAIN		
EMER.	EMERGENCY	RH.	RIGHT HAND		
ENCL.	ENCLOSURE	REC.	RECESSED		
ENGR.	ENGINEER	REF	REFERENCE		
ENT.	ENTRANCE	REFR.	REFRIGERATOR		
E.J.	EXPANSION JOINT	REINF.	REINFORCED		
E.O.	ELECTRIC OUTLET	REQD.	REQUIRED		
E. PNL.	ELECTRICAL PANEL	RESIL.	RESILIENT		
EQ.	EQUAL	REV.	REVISION		
EQUIP.	EQUIPMENT	RFG.	ROOFING		
ER	ELEVATOR RECALL PANEL	RM.	ROOM		
EWC.	ELECTRIC WATER COOLER	R.O.	ROUGH OPENING		
EXC.	EXCAVATION	S.	SOUTH		
EXH.	EXHAUST	SAN.	SANITARY		
EXIST.	EXISTING	S.A.C.P.	SMOKE ALARM & SPRINKLER CONTROL PANEL		
EXP.	EXPANSION	S.C.	SOLID CORE		
EXPO.	EXPOSED	SCHED.	SCHEDULE		
EXT.	EXTERIOR	SD.	SOAP DISPENSER		
F.	FABRIC	SECT.	SECTION		
F/	FACE OF	SECUR.	SECURITY		
FA	FIRE ALARM	SF	SQUARE FOOT (FEET)		
F. BR.	FACE BRICK	S.G.T.	STRUCTURAL GLAZED TILE		
F.C.	FOOT CONTROL	SHR.	SHOWER		
FD.	FLOOR DRAIN	SHT.	SHEET		
F.D.C	FIRE DEPARTMENT CONNECTION	SIM.	SIMILAR		
FDN.	FOUNDATION	S.P.	STANDPIPE		
F.D.W.A.	FIRE DEPARTMENT WINDOW ACCESS	SPEC.	SPECIFICATION		
		SPKR.	SPEAKER		
FE.	FIRE EXTINGUISHER	SQ.	SQUARE		
FE.C.	FIRE EXTINGUISHER CABINET	SR.	STORM RISER		
FH	FIRE HOSE	S.SK.	SERVICE SINK		
FH.C.	FIRE HOSE CABINET	S.STL.	STAINLESS STEEL		
FH.M.S.	FLAT HEAD MACHINE SCREW	STA	STATION		
FH.R.	FIRE HOSE RACK	S.T.C.	SOUND TRANSMISSION CLASS		
FIN.	FINISH				
FL.	FLOOR	STD.	STANDARD		
FLEX.	FLEXIBLE	STER.	STERILIZER		
FLUOR.	FLUORESCENT	STL.	STEEL		
FO.B.	FACE OF BUILDING	STOR.	STORAGE		
FO.G.	FACE OF GLASS	SURG.	SURGICAL		
FOL	FACE OF LOUVER	SUSP.	SUSPENDED		
FP.	FLOOD PANEL	SWBD.	SWITCHBOARD		
FPL	FIREPLACE	SYM.	SYMMETRICAL		
FPRF.	FIREPROOF	T.	TREAD		
F.S.D.	FIRE / SMOKE DAMPER	T.& B.	TOP & BOTTOM		
FT.	FOOT (FEET)	T.& G.	TONGUE & GROOVE		
FT.F.	FACE TO FACE	TEL.	TELEPHONE		
FTG.	FOOTING	TEMP.	TEMPERED		
FT.R.	FIN TUBE RADIATION	TER.	TERRAZZO		
FURN.	FURNISH	THK.	THICK		
FURR.	FURRING	T.O.	TOP OF		
FUT.	FUTURE	TOPO.	TOPOGRAPHY		
GA	GAUGE	T..S.	TOP OF SLAB		
GALV.	GALVANIZED	TS	TAMPER SWITCH		
GEN.	GENERAL	TYP.	TYPICAL		
GL.	GLASS	UNEXC.	UNEXCAVATED		
GND.	GROUND	UNF.	UNFINISHED		
G.PL.	GYPSUM PLASTER	U..N.	UNLESS OTHERWISE NOTED		
GR.	GRADE	UR.	URINAL		
G.T.	GREASE TRAP	UTIL.	UTILITY		
GWB.	GYPSUM BOARD	VAC.	VACUUM		
H.B.	HOSE BIB	V.C.T	VINYL COMPOSITION TILE		
H.C.	HOLLOW CORE	VENT.	VENTILATION		
HDWD.	HARDWOOD	VERT.	VERTICAL		
HDW	HARDWARE	VEST.	VESTIBULE		
H.M.	HOLLOW METAL	V.I.F.	VERIFY IN FIELD		
H.O.	HOLD OPEN	VOL.	VOLUME		
HORIZ.	HORIZONTAL	V.T.	VINYL TILE		
H.A.	HIGH POINT	V.W.C.	VINYL WALL COVERING		
HR.	HOUR	W	WEST		
HT.	HEIGHT	W.C.	WATER CLOSET		
HTG.	HEATING	W/D	WASHER DRYER		
HVAC.	HEATING, VENTILATING, AIR CONDITIONING	WD.	WOOD		
		WD.T.	WOOD TRIM		
HW.	HOT WATER	W.F.	WIDE FLANGE		
HYD.	HYDRANT	W.H.	WATER HEATER		
I.D.	INSIDE DIAMETER	W.I.	WROUGHT IRON		
IN.	INCH(ES)	WIN.	WINDOW		

ARCHITECTURAL FLOOR PLAN SYMBOLS

NAME	SYMBOL	DESCRIPTION
ID-Drawing	1 DRAWING 1/X" = 1'-0"	DRAWING TAG
ID-ElevFlag	A100 TYP; ELEVATION NUMBER; DRAWING NUMBER WHERE SHOWN	EXTERIOR ELEVATION TAG
ID-SectFlag	1 A100 TYP; SECTION NUMBER; DRAWING NUMBER WHERE SHOWN	SECTION TAG
DET-BUB	1 A100 TYP	DETAIL BUBBLE + TAG
ID-ELEV4	A B C D; ELEVATION NO.; SHEET NUMBER A100	INTERIOR ELEVATION TAG
ID-RM1	OFFICE; ROOM NAME; SC100; ROOM NUMBER	ROOM TAG
ID-RM2	OFFICE; ROOM NAME; SC100 FIN; ROOM FINISH CODE; ROOM NUMBER	FINISH TAG
ID-DOOR	404A	DOOR NUMBER
ID-ELMRK	LOCATION; TOP OF SLAB; EL. +0'-0"; ELEVATION	ELEVATION MARK
ID-TARG		TARGET
ID-COL	1; COLUMN NO. / LETTER; CENTER LINE OF COLUMN	COLUMN TAG
ID-WIN	PC 22A	WINDOW / PRECAST TAG
ID-CONSTR. NOTE	2	CONSTRUCTION NOTE
ID-CL	℄	CENTER LINE MARK
ID-PART	2 W22; PARTITION TYPE, REF. TO PARTITION TYPE SHEET; PARTITION	PARTITION TAG
ID-ELPLAN	ELEV.+123.45'	PLAN ELEVATION MARK
ID-ELCHANGE		ELEVATION CHANGE MARK
ID-REV	1	REVISION ID
ID-MATR	MTL-1	MATERIAL DESIGNATION TAG
FL. SINK	FS	FLOOR SINK
FL. DRAIN	FD	FLOOR DRAIN
ROOF DRAIN	RD	ROOF DRAIN
ALIGN	ALIGN	ALIGN
APARTMENT PANEL	AP	APARTMENT PANEL
HOSE BIB	HB	HOSE BIB
SIAMESE CONNECTION		SIAMESE CONNECTION
EXHAUST SHAFT	ID	EXHAUST SHAFT
WIN. WASHING TRACK		WINDOW WASHING TRACK
OPERABLE WIN.		OPERABLE WINDOW
ID-MATR	Y : 0'-0"; X : 0'-0"	COORDINATES

ARCHITECTURAL SLAB PLAN SYMBOLS

NAME	SYMBOL	DESCRIPTION
		INDICATES OPENING IN SLAB
		CONCRETE FILL SLAB
		CONCRETE HOUSEKEEPING PAD
		SLOPED CONCRETE SLAB
		DEPRESSED CONCRETE SLAB

ARCHITECTURAL CEILING PLAN SYMBOLS

NAME	SYMBOL	DESCRIPTION
CLNG-BREAK	10'-0" AFF; 12'-0" AFF	CEILING BREAK
EXIT-ONE		CEILING MNTD EXIT SIGN
EXIT-TWO		CEILING MNTD EXIT SIGN
EXIT-WALL		WALL MNTD EXIT SIGN
START-PT	SP	START POINT
JB	JB	JUNCTION BOX
FIRE ALARM SPEAKER STROBE		FIRE ALARM SPEAKER/STROBE MOUNTED 80" A.F.F.
SPRINKLER		SPRINKLER HEAD
SPRINKLER-WALL		SPRINKLER HEAD WALL MNTD.
UPRIGHT SPRINKLER		UPRIGHT SPRINKLER HEAD AND BRANCH PIPING
SMOKE DETECTOR	SD	SMOKE DETECTOR
SMOKE / CM DETECTOR	SD CM	SMOKE / CARBON MONOXIDE DETECTOR
HEAT DETECTOR	H	HEAT DETECTOR
TEMPERATURE SENSOR	T	TEMPERATURE SENSOR
FIRE ANNUNCIATOR	A	FIRE ANNUNCIATOR
SPKR.	S	AV SPEAKER
FA PULL STA	F	FIRE ALARM PULL STATION
SECUR. CAMERA	SC; SC	SECURITY CAMERA
H-RETURN-2x2		HVAC RETURN
H-SUPPLY-2x2		HVAC SUPPLY
ACCESS PANEL		ACESS PANEL
DIFFUSER		DIFFUSER
ID-RMINF	0'-0"	CEILING HEIGHT INDICATION

ARCHITECTURAL POWER + DATA SYMBOLS

NAME	SYMBOL	DESCRIPTION
		DUPLEX WALL RECEPTACLE
	WP	WATERPROOF WALL RECEPTACLE
	GFI	GROUND FAULT DUPLEX WALL RECEPTACLE
		SWITCH / DUPLEX WALL RECEPTACLE
		QUAD WALL RECEPTACLE
		DUPLEX FLOOR RECESSED RECEPTACLE
		QUAD FLOOR RECESSED RECEPTACLE
	$	SWITCH 48" AFF
	$ 3A	THREE WAY SWITCH(LETTER INDICATES LIGHTS CONTROLLED.)
	$ A	SINGLE POLE LIGHT SWITCH(LETTER INDICATES LIGHTS CONTROLLED)
	T H	THERMOSTAT 54"
	TV H	TELEVISION
		TELEPHONE
		TEL DATA
	TC H	TIME CLOCK

ARCHITECTURAL MATERIALS INDICATIONS

SYMBOL	DESCRIPTION
	GRAVEL
	CARPET
	CMU AT SMALL SCALE
	CMU AT LARGE SCALE
	MASONRY
	EARTH
	CONCRETE - CAST IN PLACE
	CONCRETE - PRECAST
	SAND
	FINISH WOOD PLAN-ELEVATION
	FINISH WOOD SECTION
	MARBLE
	GRANITE/STONE
	STEEL
	ACOUSTIC TILE
	GYPSUM BOARD
	PLYWOOD
	GLASS
	CERAMIC TILE
	RESILIENT TILE
	PLASTIC LAMINATE
	ROUGH WOOD
	SHIM WOOD
	BATT INSULATION
	RIGID INSULATION

ARCHITECTURAL FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
2-PLANK WIDE BORDER; HERRINGBONE PATTERN	WOOD FLOORING PATTERN

Damian Titus

Buildings

APPROVED
Under Directive 2 of 1975

Date/Time: Aug 30, 2012 – 9:32 AM

NYC Development Hub

400PAS

OWNER [ET400 LLC]
EQUITY RESIDENTIAL
230 W 41ST STREET, 12TH FLOOR
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T: 646.833.3963

TOLL BROTHERS CITY LIVING
99 WALL STREET, 11TH FL
NEW YORK, NY 10005
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DESIGN ARCHITECT
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1 RUE DE L'AUDE, PARIS, FRANCE 70514
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ARCHITECT OF RECORD
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150 VARICK STREET, 8TH FLOOR
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STRUCTURAL ENGINEER
DESIMONE CONSULTING ENGINEERS
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NEW YORK, NY 10011
T: 212.532.2211

MEP ENGINEER
COSENTINI ASSOCIATES
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NEW YORK, NY 10121
T: 212.615.3600

CIVIL & GEOTECHNICAL ENGINEER
LANGAN ENGINEERING & ENVIRONMENTAL SERVICES
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ELMWOOD PARK, NJ 07407-1338
T: 201.794.6900

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ISRAEL BERGER & ASSOCIATES
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NEW YORK, NY 10016
T: 212.689.5389

VERTICAL TRANSPORTATION
VDA
5 REGENT STREET, SUITE 524
LIVINGSTON, NJ 07039-1617
T: 973.994.9220

FACADE MAINTENANCE
ENTEK ENGINEERING, PLLC
166 AMES STREET
HAKENSACK, NJ 07601
T: 201.820.2801

EXPEDITING & CODE CONSULTANT
EAST COAST EXPEDITING & CODE CONSULTING
305 BROADWAY, 14TH FLOOR
NEW YORK, NY 10007
T: 646.396.1399

MTA EXPEDITOR / ENGINEER / ARCHITECT
FNA ASSOCIATES, INC.
100 NEW DUTCH LANE
FAIRFIELD, NJ 07004
T: 973.224.5995

ENERGY CODE/ LEED
VIRIDIAN ENERGY & ENVIRONMENTAL, LLC
50 WASHINGTON STREET
NORWALK, CT 06854
T: 203.299.1411

LANDSCAPE ARCHITECT
W ARCHITECTURE & LANDSCAPE ARCHITECTURE
155 6TH AVENUE, 3RD FL
NEW YORK, NY 10010
T: 212.981.3933

LIGHTING
BLISS FASMAN
23 LEONARD ST
NEW YORK, NY 10013
T: 212.343.8400

ACOUSTICAL
SHEN MILSOM WILKE, LLC
417 FIFTH AVE
NEW YORK, NY 10016
T: 212.725.6800

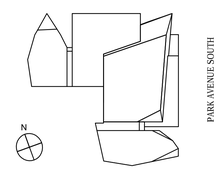
POOL AND FOUNTAIN
JOEL TRACE
401 S. WATER STREET
NEW WINDSOR, NY 12553
T: 845.562.5611

LOW VOLTAGE
ESCC
149 MADISON AVENUE, SUITE 501
NEW YORK, NY 10016
T: 212.400.9032

INTERIOR DESIGN
STEPHEN ALTON ARCHITECT, P.C.
1407 BROADWAY STREET
NEW YORK, NY 10018
T: 212.243.3315

NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: NTS

PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:

SYMBOLS AND ABBREVIATIONS

DRAWING NO:

G-003.00

NYC DOB NO: 121181808

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DEPT OF BLDGS 121181808 Job Number
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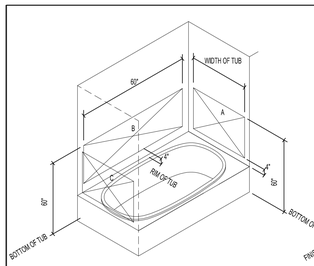
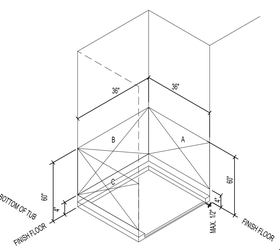


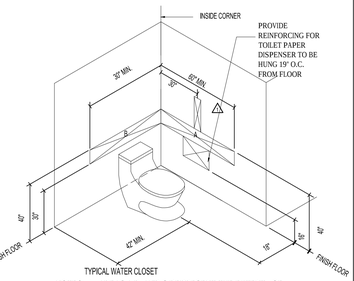
TYPICAL BATH

NOTES: 1. AREAS A,B, AND C REPRESENT THE EXTENT OF REINFORCING REQUIRED FOR INSTALLATION OF GRAB BARS / SEATS
2. AREA C SIMILAR TO AREA A



TYPICAL SHOWER

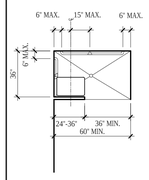
NOTES: 1. AREAS A,B, AND C REPRESENT THE EXTENT OF REINFORCING REQUIRED FOR INSTALLATION OF GRAB BARS / SEATS
2. AREA C SIMILAR TO AREA A



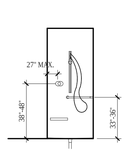
TYPICAL WATER CLOSET

NOTES: 1. AREAS A,B, AND C REPRESENT THE EXTENT OF REINFORCING REQUIRED FOR INSTALLATION OF GRAB BARS. IF THE REINFORCING IS INTERRUPTED BY A WALL OR OTHER FIXTURE, THE REINFORCING WILL EXTEND. AS FAR AS POSSIBLE.
2. AREA C SIMILAR TO AREA A IF THE REINFORCING IS INTERRUPTED BY A WALL.

6 ACCESSIBLITY STANDARDS REINFORCING AREAS FOR FUTURE GRAB BARS

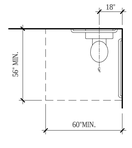


ALTERNATE ROLL-IN-TYPE SHOWER W/ SEAT

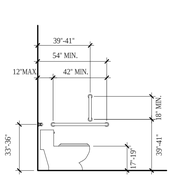


ALTERNATE ROLL-IN-TYPE W/ SEAT ELEVATION

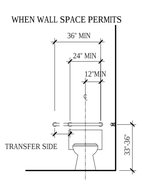
ALTERNATE SHOWERS



PLAN--CLEARANCE

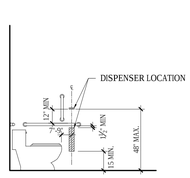


SIDE WALL ELEVATION

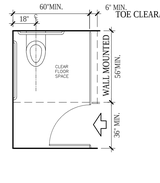


REAR WALL ELEVATION

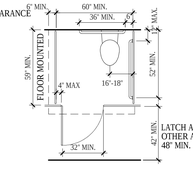
WATER CLOSET



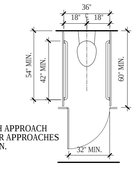
DISPENSER LOCATION



END-OF-ROW WHEELCHAIR ACCESSIBLE



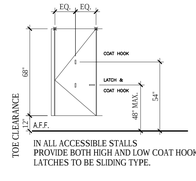
MID-ROW WHEELCHAIR ACCESSIBLE



LATCH APPROACH OTHER APPROACHES 48" MIN.

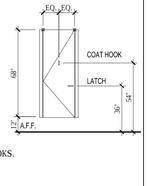
AMBULATORY ACCESSIBLE

CLEAR FLOOR SPACE IN PUBLIC RESTROOM WATER CLOSET



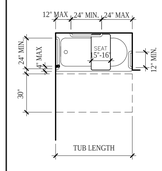
IN ALL ACCESSIBLE STALLS PROVIDE BOTH HIGH AND LOW COAT HOOKS. LATCHES TO BE SLIDING TYPE.

ACCESSIBLE TOILET PARTITION DOOR

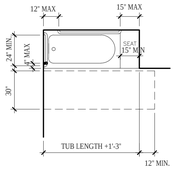


STANDARD TOILET PARTITION DOOR

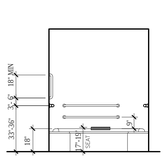
CLEAR FLOOR SPACE IN PUBLIC RESTROOM WATER CLOSET



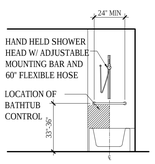
PLAN CLEARANCE & GRAB BARS FOR BATHTUBS WITHOUT PERMANENT SEAT



PLAN CLEARANCE & GRAB BARS FOR WITH PERMANENT SEAT

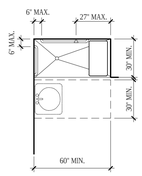


ELEVATION

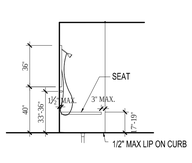


ELEVATION

BATHTUB



STANDARD ROLL-IN-TYPE SHOWER W/ SEAT



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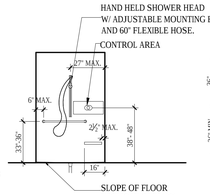

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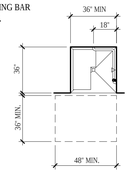
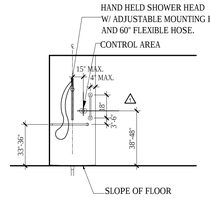
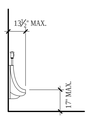


STANDARD TRANSFER-TYPE SHOWER W/ SEAT

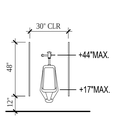


ELEVATION

SHOWERS

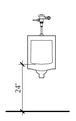


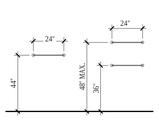
ACCESSIBLE URINAL



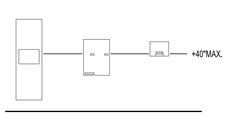
URINAL

URINAL

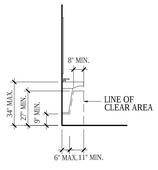




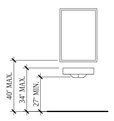
TOWEL BARS AND DISPENSER



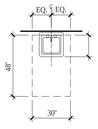
PAPER TOWEL DISPENSER SANITARY NAPKIN DISPENSER HAND DRYER

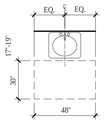


HEIGHT AND CLEARANCE OF LAVATORIES AND SINKS



HEIGHT OF MIRROR , LAVATORIES AND SINKS

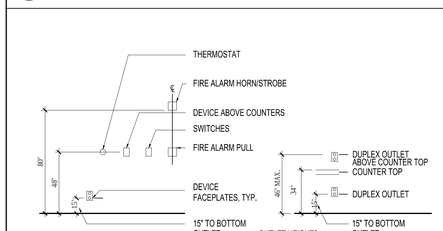




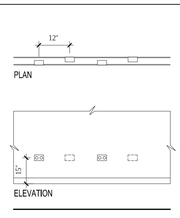
PLAN--CLEARANCE

LAVATORY

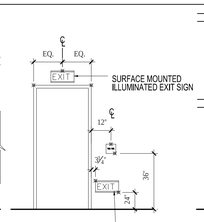
4 ACCESSIBLITY STANDARDS MOUNTING HEIGHTS AND CLEARANCES FOR BATHROOMS



ELECTRICAL DEVICE AND FIRE PROTECTION FIXTURES

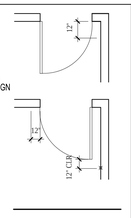


STAGGERED OUTLETS IN ACCOUS. PTNS.



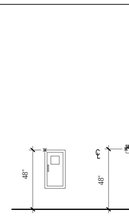
LIGHT SWITCH & EXIT SIGNS

LOW LEVEL EXIT SIGN WHERE APPLICABLE



LIGHT SWITCH LOCATIONS

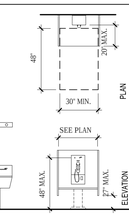
1 ACCESSIBILITY STANDARDS MOUNTING HEIGHTS AT OUTLETS & SWITCHES



FIRE EXTINGUISHER FIRE HOSE CAB

FIRE ALM. PULL THERMOSTAT

JANITORS SINK



PUBLIC PAYPHONE FORWARD REACH

DRINKING FOUNTAIN

LAUNDRY EQUIPMENT TOP LOADING

LAUNDRY EQUIPMENT FRONT LOADING

2 ACCESSIBILITY STANDARDS MOUNTING HEIGHTS : MISCELLEANOUS

ELEVATOR ENTRANCES

NOTE: LINE A AND B REPRESENT THE VERTICAL LOCATION OF THE DOOR REOPENING DEVICE NOT REQUIRING CONTACT

5"
5"
15"-48"
5"
5"
5

DEPT OF BLDGS121181808 Job Number
ES5319785150 Scan Code

400PAS

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations (BFEs) shown on this map apply only landward of 0.0' National Geodetic Vertical Datum of 1929 (NGVD 29). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was New York State Plane FIPSZONE 3104. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the National Geodetic Vertical Datum of 1929. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3182
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242**, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was provided in digital format by the Department of Information Technology and Telecommunication, City of New York. This information was derived from digital orthophotos produced at a scale of 1:1,200 with 2-foot pixel resolution from photography dated 2004.

Based on updated topographic information, this map reflects more detailed and up-to-date **stream channel configurations and floodplain delineations** than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map. Also, the road to floodplain relationships for unrevised streams may differ from what is shown on previous maps.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map showing the layout of map panels for this jurisdiction.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://msc.fema.gov.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov.

LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the National Geodetic Vertical Datum of 1929

- A — A — Cross section line
- 23 — 23 — Transect line
- 87°07'45", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 2776000mN — 1000-meter Universal Transverse Mercator grid values, zone 18
- 600000 FT — 5000-foot grid ticks: New York State Plane coordinate system, Long Island zone (FIPSZONE 3104), Lambert Conformal Conic projection
- DX5510 × — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- ●M1.5 — River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

INITIAL NFIP MAP DATE
June 28, 1974

FLOOD HAZARD BOUNDARY MAP REVISIONS
June 11, 1976

FLOOD INSURANCE RATE MAP EFFECTIVE
November 16, 1983

FLOOD INSURANCE RATE MAP REVISIONS
September 5, 2007 - to change Special Flood Hazard Areas, to reflect updated topographic information, and to update map format

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'
250 0 500 1000 FEET
150 0 150 300 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0201F

FIRM

FLOOD INSURANCE RATE MAP

CITY OF
NEW YORK,
NEW YORK
BRONX, RICHMOND, NEW YORK,
QUEENS, AND KINGS COUNTIES

PANEL 201 OF 457

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
NEW YORK, CITY OF	360497	0201	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
3604970201F
MAP REVISED
SEPTEMBER 5, 2007

Federal Emergency Management Agency

APPROVED
Under Directive 2 of 1975

Date/Time: Aug 30, 2012 – 9:32 AM

NYC Development Hub

Buildings

OWNER [ET400 LLC]
EQUITY RESIDENTIAL
230 W 41ST STREET, 12TH FLOOR
NEW YORK, NY 10036
T: 646.833.3963

TOLL BROTHERS CITY LIVING
99 WALL STREET, 11TH FL
NEW YORK, NY 10005
T: 212.742.0835

DESIGN ARCHITECT
AGENCE ELISABETH ET CHRISTIAN DE PORTZAMPARC
1 RUE DE L'AUDE, PARIS, FRANCE 70514
T: 01133 1 4064 4000

ARCHITECT OF RECORD
HANDEL ARCHITECTS, LLP
150 VARICK STREET, 8TH FLOOR
NEW YORK, NY 10013
T: 212.595.4112

STRUCTURAL ENGINEER
DESIMONE CONSULTING ENGINEERS
18 WEST 18TH STREET, 10TH FLOOR
NEW YORK, NY 10011
T: 212.532.2211

MEP ENGINEER
COSENTINI ASSOCIATES
TWO PENNSYLVANIA PLAZA
NEW YORK, NY 10121
T: 212.615.3600

CIVIL & GEOTECHNICAL ENGINEER
LANGAN ENGINEERING & ENVIRONMENTAL SERVICES
619 RIVER DRIVE CENTER 1
ELMWOOD PARK, NJ 07407-1338
T: 201.794.6900

EXTERIOR WALL
ISRAEL BERGER & ASSOCIATES
232 MADISON AVENUE
NEW YORK, NY 10016
T: 212.689.5389

VERTICAL TRANSPORTATION
VDA
5 REGENT STREET, SUITE 524
LIVINGSTON, NJ 07039-1617
T: 973.994.9220

FACADE MAINTENANCE
ENTEK ENGINEERING, PLLC
166 AMES STREET
HAKENSACK, NJ 07601
T: 201.820.2801

EXPEDITING & CODE CONSULTANT
EAST COAST EXPEDITING & CODE CONSULTING
305 BROADWAY, 14TH FLOOR
NEW YORK, NY 10007
T: 646.396.1399

MTA EXPEDITOR / ENGINEER / ARCHITECT
FNA ASSOCIATES, INC.
100 NEW DUTCH LANE
FAIRFIELD, NJ 07004
T: 973.224.5995

ENERGY CODE/ LEED
VIRIDIAN ENERGY & ENVIRONMENTAL, LLC
50 WASHINGTON STREET
NORWALK, CT 06854
T: 203.299.1411

LANDSCAPE ARCHITECT
W ARCHITECTURE & LANDSCAPE ARCHITECTURE
155 5TH AVENUE, 3RD FL
NEW YORK, NY 10010
T: 212.981.3933

LIGHTING
BLISS FASMAN
23 LEONARD ST
NEW YORK, NY 10013
T: 212.343.8400

ACOUSTICAL
SHEN MILSOM WILKE, LLC
417 FIFTH AVE.
NEW YORK, NY 10016
T: 212.725.6800

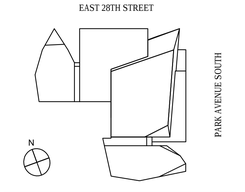
POOL AND FOUNTAIN
JOEL TRACE
401 S. WATER STREET
NEW WINDSOR, NY 12553
T: 845.562.5611

LOW VOLTAGE
ESCC
149 MADISON AVENUE, SUITE 501
NEW YORK, NY 10016
T: 212.400.9032

INTERIOR DESIGN
STEPHEN ALTON ARCHITECT, P.C.
1407 BROADWAY STREET
NEW YORK, NY 10018
T: 212.243.3315

NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: NTS
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT
D.B. MIDDLETON
019833-1
STATE OF NEW YORK

DRAWING TITLE:

FLOOD MAP

DRAWING NO:

G-005.00

NYC DOB NO: 121181808

© Handel Architects LLP 2011

DEPT OF BLDGS121181808 Job Number
ES401287004 Scan Code

NYC Buildings

EN1: Energy Cost Budget Worksheet

Must be typewritten.

Do Not Submit Separately.
Must be incorporated in the drawing set.

1 Location Information *Required for all applications.*

House No(s) 400 Street Name Park Avenue South
Borough Manhattan Block 857 Lot 46 BIN 1811087 CB No. 105
Work on Floor(s) Sub, Cel, Rof, 1-42 Apt/Condo No(s)

2 Applicant Information *Required for all applications.*

Last Name Middleton First Name David Middle Initial B
Business Name Handel Architects, LLP Business Telephone (212) 595-4112
Business Address 150 Varick Street, 8th Floor Business Fax (212) 595-9032
City New York State NY Zip 10013 Mobile Telephone
E-Mail jwetters@handelarchitects.com License Number 019933

Energy Model Inputs

NYS approved energy model software:

Envelope	Proposed Design Input	Budget (Standard Design) Input
Above-grade wall U-factor	0.08	0.064
Below-grade wall U-factor	0.119	0.119
Roof construction U-factor	0.048	0.048
Exterior floor U-factor	na	na
Slab-on-grade construction (yes/no)	yes	yes
Window-to-gross wall ratio	74%	40%
Average fenestration assembly U-factor	0.42	0.50
Average fenestration assembly SHGC	0.3	0.4
Fixed shading devices (yes/no)	no	no
Automated movable shading devices (yes/no)	no	no
Lighting		
Average ambient lighting power density (W/SF)	1.46	1.49
Lighting occupant sensor controls (yes/no)	yes	no
Automatic daylighting controls (yes/no)	no	no
Exterior lighting power (tradable surfaces) (kW)	1.531	1.531
Exterior lighting power (non-tradable surfaces) (kW)	12.114	12.114
Heating, Ventilating & Air Conditioning		
Refrigeration equipment type	Water source heat pumps, Packaged DX, air-source heat pump	Water source heat pumps, Packaged DX, air-source heat pump
Heating equipment type	Water source heat pumps, fossil fuel boiler (84% efficient), fossil fuel furnaces	Waters source heat pumps, fossil fuel boiler (82% efficient), fossil fuel furnaces (80% efficient)
Demand controlled ventilation (yes/no)	no	no
Economizer type (air or water)	none	none
Domestic hot water heating source	Natural gas & electric	Natural Gas & electric

01/11

EN1 PAGE 2

Unregulated Energy	Proposed Design Input	Budget (Standard Design) Input
Average Receptacle equipment power density (W/SF)	0.31	0.31
Average Unregulated lighting power density (W/SF)	0	0
Other process loads	40 kW elevators	40 kW elevators

Energy Cost Budget Conformance	Proposed Design Output	Budget (Standard Design) Output
Annual Regulated Energy Cost ($)	$601137	$638,531
Annual Regulated Energy Use (BTU/GSF)	44795	46511
Annual Regulated Energy Cost Per Sq. Ft. ($/GSF)	1.28	1.36

Energy Model Output Breakdown

Energy Use Breakdown	Proposed Design Output (% BTU/yr)	Budget (Standard Design) Output (% BTU/yr)
Heating	40.5	39.7
Cooling	6.8	5.7
Heat rejection	0	0.1
Fans	4.4	3.6
Pumps	1.4	2.9
Lighting	14.5	15.5
Unregulated loads (e.g., plug loads, elevators, escalators, kitchen, process equipment, exterior lighting)	32.4	32.5
Total	100%	100%

Falsification of any statement is a misdemeanor under § 26-124 of the NYC Administrative Building Code and is punishable by a fine or imprisonment, or both. It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

Name (please print)
David B Middleton

Signature Date 7.20.12

P.E. / R.A. Seal *(ap* *ote over seal)*

01/11

ENERGY CODE PROGRESS INSPECTIONS

Y	N		INSPECTION/ TEST	PRIMARY CITATION
			IIA ENVELOPE INSPECTIONS	
✓		IIA1	PROTECTION OF EXPOSED FOUNDATION INSULATION	ECC 303.2.1; ASHRAE 90.1-5.8.1.7
✓		IIA2	INSULATION PLACEMENT AND R-VALUES	ECC 303.1, 303.1.1, 303.1.2, 502.1, 503.2; ASHRAE 90.1-5.5, 5.6 OR 11; 5.8.1
✓		IIA3	FENESTRATION THERMAL VALUES AND PRODUCT RATINGS FOR U-FACTORS AND SHGC VALUES	ECC 303.1, 303.1.3, 502.3; ASHRAE 90.1-5.5, 5.6 OR 11; 5.8.2
✓		IIA4	FENESTRATION AND DOOR ASSEMBLY PRODUCT RATINGS FOR AIR LEAKAGE	ECC 502.4; ASHRAE 90.1-5.4.3.2
✓		IIA5	DIMENSIONING OF FENESTRATION AREAS	ECC 502.3; ASHRAE 90.1-5.5.4, 5.6 OR 11
✓		IIA6	PROPER SEALING OF FENESTRATION	ECC 502.4.3, 502.4.7; ASHRAE 90.1-5.4.3.1
✓		IIA7	PROJECTION FACTORS: DIMENSION OF OVERHANGS	ECC 502.3; ASHRAE 90.1-5.5.4, 5.6 OR 11
✓		IIA8	LOADING DOCK WEATHER SEALS	ECC 502.4.5; ASHRAE 90.1-5.4.3.3
✓		IIA9	BUILDING ENTRANCE VESTIBULES	ECC 502.4.4; ASHRAE 90.1-5.4.3.4
			IIB MECHANICAL AND SERVICE WATER HEATING	
	✓	IIB1	TIGHT FITTING FIREPLACE DOORS AND COMBUSTION AIR	ECC 303.1.5; IC 2111; MC CHAPTERS 7,9; FGC CHAPTER 6
✓		IIB2	OUTDOOR AIR INTAKES AND EXHAUST AIR OPENINGS AND DAMPERS	ECC 502.4.4; ASHRAE 90.1-5.4.3.4
✓		IIB3	HVAC, SERVICE WATER HEATING, AND POOL EQUIPMENT SIZING AND PERFORMANCE TO BE VERIFIED	ECC 503.2, 504.2, 504.7; ASHRAE 90.1-5.3, 5.4.1, 5.4.2, 6.8; 7.4, 7.8
✓		IIB4	HVAC SYSTEM CONTROLS AND ECONOMIZERS AND SERVICE HOT WATER SYSTEM CONTROLS TO BE VERIFIED	ECC 503.2.4, 503.2.5.1, 503.2.11, 503.3, 503.4, 504.3, 504.6, 504.7; ASHRAE 90.1-5.3, 5.4, 6.5, 6.7.2.4, 7.4.4, 7.4.5
✓		IIB5	DUCT, PLENUM AND PIPING INSULATION AND SEALING TO BE VERIFIED	ECC 503.2.7, 503.2.8, 504.5; ASHRAE 90.1-5.3, 5.4.4.2, 6.8.2, 6.8.3, 7.4.5
✓		IIB6	AIR LEAKAGE TESTING FOR DUCT SYSTEMS DESIGNED TO OPERATE AT STATIC PRESSURES IN EXCESS OF 3 INCHES W.G. (746 Pa)	ECC 503.2.7.1.3; ASHRAE 90.1-5.4.4.2
			IIC ELECTRICAL POWER AND LIGHTING SYSTEMS	
✓		IIC1	ELECTRICAL METERING TO BE VERIFIED	ECC 505.7
✓		IIC2	LIGHTING IN DWELLING UNITS VERIFIED FOR HIGH EFFICACY REQUIREMENTS	ECC 505.5.3
✓		IIC3	INTERIOR LIGHTING POWER VERIFIED FOR COMPLIANCE WITH LIGHTING POWER ALLOWANCE	ECC 505.5; ASHRAE 90.1-9.1, 9.2, 9.5, 9.6; IRCNY §101-07(c)(3)(v)(C)4
✓		IIC4	EXTERIOR LIGHTING POWER VERIFIED FOR COMPLIANCE WITH SOURCE EFFICACY AND/OR LIGHTING POWER ALLOWANCE	ECC 505.6; ASHRAE 90.1-9.4.4, 9.4.5; IRCNY §101-07(c)(3)(v)(C)4
✓		IIC5	VERIFY LIGHTING CONTROLS FUNCTIONALITY AND PROPER OPERATION	ECC 505.2, 505.2.2.2; ASHRAE 90.1-9.4.1, 9.4.1.2 (AS MODIFIED BY SECTION ECC A102)
✓		IIC6	EXIT SIGNS DO NOT EXCEEDED PERMITTED WATTAGE	ECC 505.4; ASHRAE 90.1-9.4.3
	✓	IIC7	TANDEM WIRING SHALL BE TESTED FOR FUNCTIONALITY	ECC 505.3; ASHRAE 90.1-9.4.2
	✓	IIC8	ELECTRICAL MOTORS ARE CODE COMPLIANT AND MEET ENERGY REQUIREMENTS IN CONSTRUCTION DOCUMENTS	ECC 505.10; ASHRAE 90.1-10.4.1
			IID OTHER	
✓		IID1	MAINTENANCE INFORMATION VERIFIED BEFORE PROVIDED TO OWNER	ECC 303.3 ; ASHRAE 90.1-1.4.3

NOTE: THE INSPECTION DESCRIPTION PROVIDED SUMMARIZES THE REQUIREMENTS OUTLINED IN RCNY 5000-01. THE INSPECTOR SHALL FOLLOW THE SPECIFIC REQUIREMENTS AND INSPECTIONS QUANTITIES AS OUTLINED IN RCNY 5000-01.

Damian Titus

Buildings

APPROVED
Under Directive 2 of 1975

Approval Date: Aug 30, 2012 – 9:32 AM
NYC Development Hub

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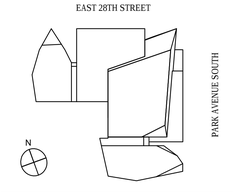
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
EN-1 CALCULATIONS

DRAWING NO:
EN-001.00

NYC DOB NO: 121181808

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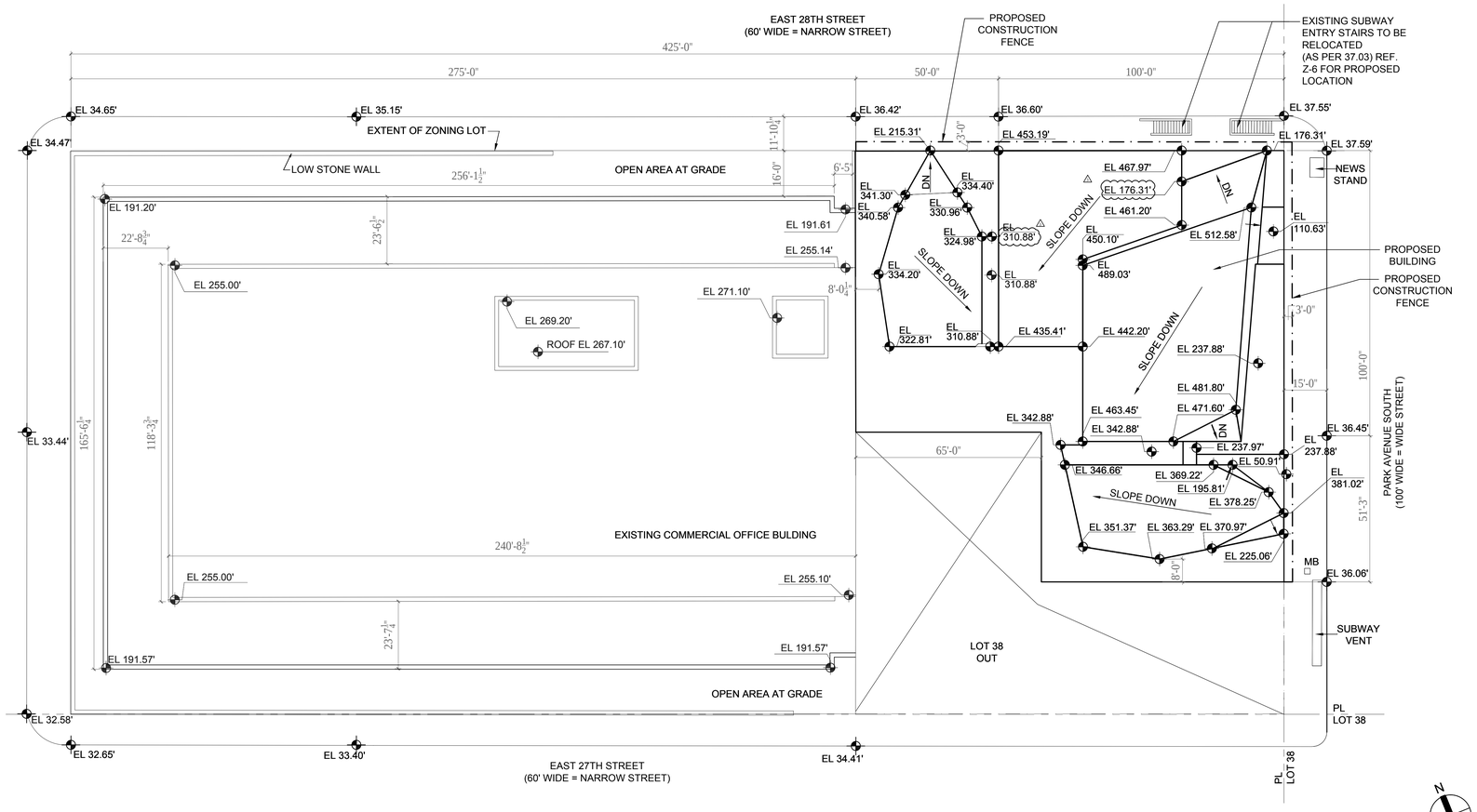


1 SITE PLAN - ATTACHMENT 2
SCALE: 1" = 20'-0"

NOTE: ALL ELEVATIONS ARE ABOVE MANHATTAN DATUM = 0'-0"

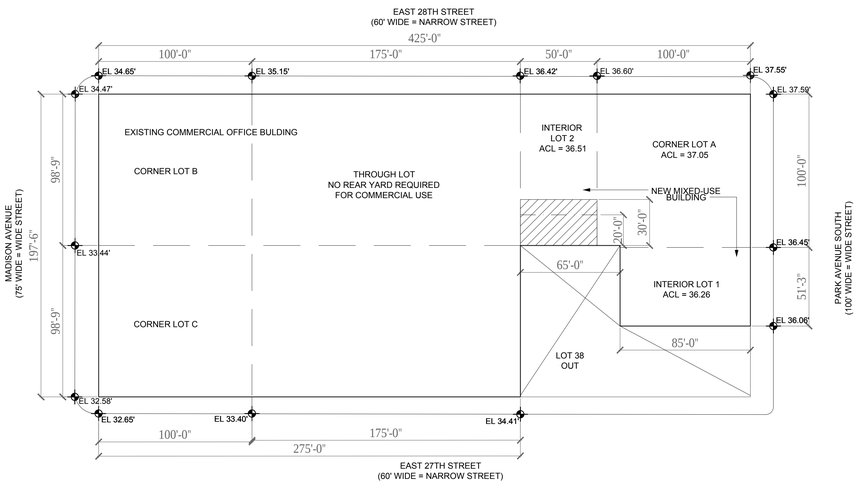
CORNER LOT $\frac{36.6' + 37.55'}{2} + \frac{37.59' + 36.45'}{2} = 37.05'$ ACL

INTERIOR LOT 1 $\frac{36.45' + 36.06'}{2} = 36.26'$ ACL

INTERIOR LOT 2 $\frac{36.42' + 36.60'}{2} = 36.51'$ ACL

SOUND ATTENUATION NOTE

BUILDING DESIGN WILL INCLUDE DOUBLE-GLAZED WINDOWS WITH GOOD SEALING PROPERTIES, AND CENTRAL AIR CONDITIONING IN ORDER TO CONFORM TO THE SOUND ATTENUATION CRITERIA AS SET FORTH WITHIN THE EAS STATEMENT PREPARED FOR THIS PROJECT.



2 YARD DIAGRAM - ATTACHMENT 4
SCALE: 1" = 50'-0"

REAR YARD REQUIRED:
20' FOR COMMERCIAL USE
30' FOR RESIDENTIAL USE

NEW BUILDING - LOT 40 AND 46

Floor	Use	Gross Floor Area (G)	Actual Deductions (D)	Zoning Floor Area (G-D)
Sub Cellar	Mechanical	9,200	9,200	0
	Commercial	1070	1070	0
	Res. Storage	2870	2870	0
	Total Sub-Cellar	**13,214**	**13,214**	**0**
Cellar	Mechanical	2,318	2,318	0
	Res. Amenities	16,752	16,752	0
	Total Cellar	**18,070**	**18,070**	**0**
1	Subway	592	592	0
	Commercial	5,105	195	4,910
	Residential	6,002	32	5,970
	Total 1st Fl.	**11,699**	**823**	**10,876**
2	Residential	12,735	1,693	11,042
3	Residential	12,764	606	12,158
4	Residential	12,843	626	12,217
5	Residential	12,900	626	12,274
6	Residential	12,955	626	12,329
7	Residential	12,808	594	12,215
8	Residential	12,867	594	12,273
9	Residential	12,923	594	12,329
10	Residential	12,974	594	12,380
11	Residential	13,018	594	12,424
12	Residential	13,056	594	12,462
13	Residential	13,089	594	12,495
14	Residential	13,115	594	12,521
15	Residential	13,111	594	12,518
16	Residential	13,102	594	12,508
17	Residential	13,152	594	12,559
18	Residential	13,147	594	12,554
19	Residential	13,130	594	12,536
20	Residential	12,203	640	11,563
21	Residential	12,143	653	11,490
22	Residential	12,133	652	11,481
23	Residential	12,097	654	11,443
24	Residential	12,058	654	11,404
25	Residential	12,016	654	11,362
26	Residential	12,032	654	11,378
27	Residential	10,973	532	10,441
28	Residential	9,927	509	9,417
29	Residential	9,909	560	9,349
30	Residential	7,563	444	7,119
31	Residential	7,536	419	7,117
32	Residential	7,509	419	7,089
33	Residential	7,473	418	7,055
34	Residential	7,450	419	7,031
35	Residential	7,421	419	7,002
36	Residential	7,391	419	6,972
37	Residential	7,361	457	6,905
38	Residential	7,331	452	6,879
39	Residential	7,302	398	6,904
40	Residential	6,706	269	6,437
41	Mechanical	2,240	2,240	0
Hoist		1,200	1,200	0
High Roof		1,200	1,200	0
	Total Commercial	8,570	1,280	4,990
	Total Residential	433,807	22,592	411,115
Grand Totals		**476,443**	**59,422**	**416,021**

EXISTING BUILDING - LOT 24

Floor	Use	Gross Floor Area (G)	Actual Deductions (D)	Zoning Floor Area (G-D)
Cellar 2				0
Cellar 1				0
1	Commercial	43,584	5,683	37,901
2	Commercial	43,584	1,628	41,956
3	Commercial	43,584	1,628	41,956
4	Commercial	43,584	1,628	41,956
5	Commercial	43,584	1,628	41,956
6	Commercial	43,584	1,628	41,956
7	Commercial	43,584	1,628	41,956
8	Commercial	43,584	1,628	41,956
9	Commercial	43,584	1,628	41,956
10	Commercial	43,584	1,628	41,956
11	Commercial	43,584	1,628	41,956
12	Commercial	43,584	1,628	41,956
13	Commercial	27,610	608	27,002
14	Commercial	27,610	704	26,906
15	Commercial	27,610	704	26,906
Total Commercial		**605,838**	**25,607**	**580,231**

3 FLOOR AREA SCHEDULES

Floor	# of DU's
Ground	
2	12
3	15
4	15
5	15
6	15
7	13
8	13
9	13
10	13
11	13
12	13
13	13
14	13
15	13
16	13
17	13
18	13
19	13
20	10
21	9
22	9
23	9
24	9
25	9
26	9
27	5
28	6
29	6
30	5
31	5
32	5
33	5
34	5
35	5
36	5
37	4
38	4
39	2
40	1
TOTAL	**368**

4 DWELLING UNIT SCHEDULE

ACTIONS GRANTED VIA SPECIAL PERMIT

A. MODIFICATION OF MAP 8d TO LOCATE BLOCK IN A C5-3 ZONE:
GRANTED VIA CALENDAR NO. 23, NOVEMBER 17 2004 C 0404962 MM. (REF Z1)

B. MODIFY SECTION 74-721 TO PERMIT MODIFICATION OF BULK REQUIREMENTS FOR A RESIDENTIAL OR MIXED-BUILDING:
GRANTED VIA CALENDAR NO. 24, NOVEMBER 17, 2004. N 040497 ZRY

C. SPECIAL PERMIT PURSUANT TO SECTION 74-721 AS MODIFIED TO PERMIT THE FOLLOWING:
(GRANTED VIA CALENDAR NO. 22, NOVEMBER 17, 2004 C 040495 ZSM.)

1. MODIFICATION OF SECTION 23-633 TO PERMIT A BUILDING WHICH PENETRATES THE INITIAL SETBACK DISTANCE AND SKY EXPOSURE PLANE ALONG PARK AVENUE SOUTH AND EAST 28TH STREET (REF 24 & B25)

2. MODIFICATION OF SECTION 23-663 TO PERMIT A BUILDING WHICH DOES NOT PROVIDE A REAR SETBACK AT A HEIGHT OF 125'-0" ON THE INTERIOR LOT PORTION. (REF 24 & B25)

3. MODIFICATION OF SECTION 23-711 TO PERMIT A [illegible] WITH LESS THAN THE REQUIRED MINIMUM DISTANCE BETWEEN TWO BUILDINGS ON A ZONING LOT. (REF. 1/Z-7)

4. MODIFICATION OF SECTION 23-851 TO PERMIT [illegible] LESS THAN THE MINIMUM REQUIRED DISTANCE FROM A [illegible] ZONING LOT LINE OR LOT LINE (REF. 3/Z-7)

5. MODIFICATIO OF SECTION 23-84 TO PERMIT A BUILDING WITH AN OUTER COURT WITH LESS THAN THE REQUIRED DIMENSIONS. (REF 2 & 3/Z-7)

APPROVED
Under Directive 2 of 1975
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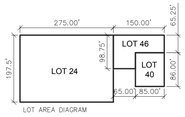
ZONING CALCULATIONS

MAP 8d 1. ZONING DISTRICT: C5-3

2. LOT AREA: 73,587 SF

LOT #	AREA
LOT 24	54,312.5
LOT 46	11,965
LOT 40	7,310
TOTAL	73,587.5



LOT AREA DIAGRAM

22-00 3. USES PERMITTED:
USE GROUPS 1-6, 9-11

32-00 4. USES PROVIDED:

A. EXISTING BUILDING (LOT 24):
USE GROUP 6 - COMMERCIAL

B. NEW BUILDING:
USE GROUP 6 - COMMERCIAL
USE GROUP 2 - RESIDENTIAL

5. FLOOR AREA AND FAR PERMITTED:

23-15 A. FLOOR AREA RATIO (FAR) PERMITTED:
33-122 COMMERCIAL - 15
35-23 RESIDENTIAL - 10
MAXIMUM FAR - 15

B. FLOOR AREA PERMITTED:

1. COMMERCIAL OR CF:
73,587 SF X 15 FAR = 1,103,805 SF
2. RESIDENTIAL:
73,587 SF X 10 FAR = 735,870 SF
3. MAXIMUM:
73,587 SF X 15 FAR = 1,103,805 SF

6. FLOOR AREA PROPOSED:

A. BY BUILDING AND BY USE:

EXISTING BUILDING (LOT 24)
COMMERCIAL: 580,231 SF

NEW BUILDING:
COMMERCIAL: 6,605
RESIDENTIAL: 410,264
TOTAL: 416,869

B. FLOOR AREA ALL BULDINGS:

COMMERCIAL: 586,836 SF
RESIDENTIAL: 410,264
TOTAL: 997,100

23-22 7. DENSITY:
35-40

A. DWELLING UNIT FACTOR = 790

B. MAXIMUM RESIDENTIAL FLOOR AREA PERMITTED R10 EQ. ZONE:
1. MAX FA IN C5-3 = 1,103,805 SF
2. SUBTRACT NON-RES. FLOOR AREA PROVIDED: 586,836 SF
3. RES FA PERMITTED FOR DU CALCULATION: 516,969 SF

C. MAXIMUM DWELLING UNITS PERMITTED: 516,969/790 = 654 DU'S

D. DWELLING UNITS PROPOSED:
NEW BUILDING 368 DU'S
COMPLIES - REFERENCE DU SCHEDULE

8. YARDS:

33-26 20' REAR YARD REQUIRED FOR INTERIOR LOT 2 PORTION FOR COMMERCIAL USE.

23-47 30' REAR YARD REQUIRED FOR INTERIOR LOT 2 PORTION FOR RESIDENTIAL USE.

COMPLIES VIA CALENDAR NO. 22, NOVEMBER 17 2004 C 040495 ZSM REFERENCE SHEET Z2 & BZ1

NO RESIDENTIAL USES ON THROUGH LOT;
NO REAR YARD EQUIVALENT REQUIRED.

23-60 9. HEIGHT AND SETBACK:
33-40 COMPLIES WITH CPC SPECIAL PERMIT. CALENDAR #'S 22,23,24
35-23 NOVEMBER 17, 2004

37-03 10. RELOCATION OF SUBWAY STAIR
COMPLIES: REFERENCE SHEET - Z6 & A100.2, A101

13-00 11. ACCESSORY OFF STREET PARKING REGULATIONS:
13-41 NONE REQUIRED
NONE PROVIDED

36-62 12. REQUIRED OFF-STREET LOADING
NEW RETAIL IS LESS THAN 25,000 SF
NONE REQUIRED
NONE PROVIDED

36-711 13. REQUIRED NUMBER OF BICYCLE PARKING SPACES.
PER NYC ZONING TEXT 36-811, 1 BICYCLE PARKING SPACE (BPS) PER 2 DWELLING UNITS (DU) REQUIRED. BUILDING HAS 368 DU. 368 DU/2= 184BPS REQUIRED.

36-73 14. REQUIRED SIZE OF ENCLOSED BICYCLE PARKING AREA.
PER NYC ZONING TEXT 36-83, 15SF/BIKE REQUIRED.
MAY BE REDUCED TO 6SF/BIKE WITH APPROVAL.
THEREFORE, MINIMUM REQUIRED = 184 BPS*6SF/BIKE=1104SF.
PER 100.1, 14235F BICYCLE STORAGE ROOM = 6.4SF/BIKE PROVIDED

26-41 REQUIRED NUMBER OF TREES: ONE STREET TREE, PRE-EXISTING OR NEWLY PLANTED, SHALL BE PROVIDED FOR EVERY 25 FEET OF STREET FRONTAGE OF THE ZONING LOT.

PARK AVE SOUTH	151'-3"
EAST 28TH STREET	425'
MADISON AVE	197'-6"
EAST 27TH STREET	425"
TOTAL STREET FRONTAGE:	1350'

TOTAL TREES REQUIRED: 1350/25=54 TREES

REES PROVIDED: 1 EXISTING TREE TO REMAIN ON THIS SITE, REFER TO BBP. REST OF TREES TO BE PLANTED AT ALTERNATE LOCATION DETERMINED BY THE DEPARTMENT OF PARKS AND RECREATION

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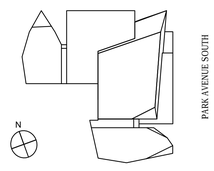

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ZONING CALCULATIONS

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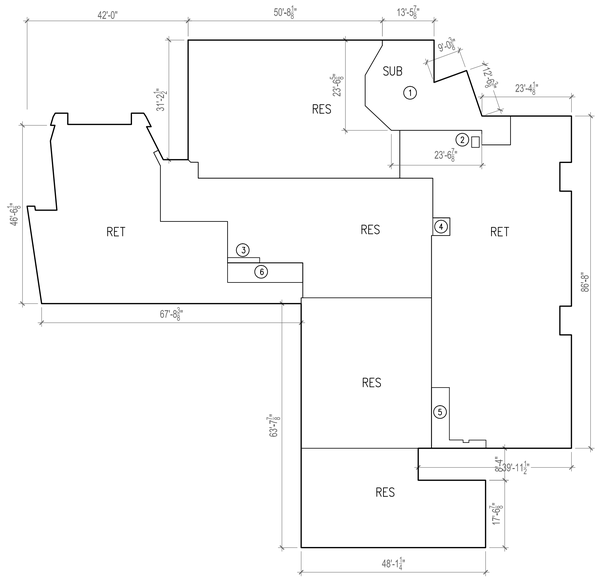


GROUND FLOOR PLAN

SUBWAY ENTRY (SUB)

AREA (SQ.FT.)	
SUBWAY ENTRY GROSS	591.6

NO.	TYPE	DIMENSIONS	AREA
1	–	SEE PLAN	591.6
TOTAL			591.6

SUVWAY ENTRY ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA
GROUND FL	591.6	591.6	0

RETAIL (RET)

AREA (SQ.FT.)	
RETAIL GROSS	5,105

NO.	TYPE	DIMENSIONS	AREA
2	M	1'-11 1/2", 2'-9 1/4"	5.4
5	M	SEE PLAN	93.3
6	M	19'-7 3/8", 5'-1 3/8"	100.4
TOTAL			199.1

RETAIL ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA
GROUND FL	5,105	199.1	4,906

RESIDENTIAL (RES)

AREA (SQ.FT.)	
RESIDENTIAL GROSS	6,002

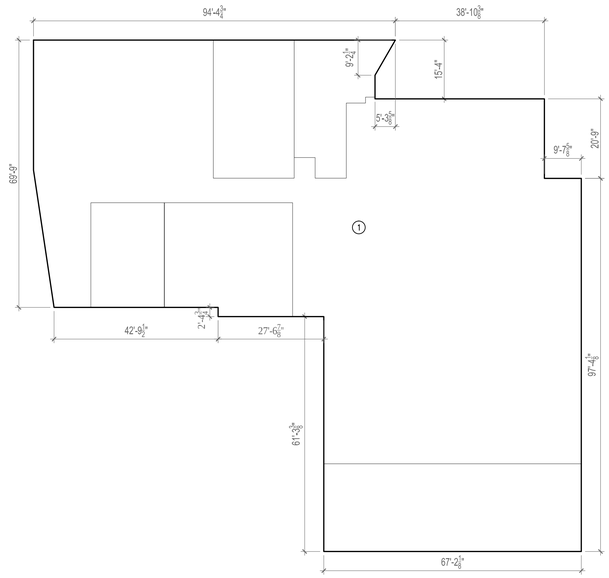
NO.	TYPE	DIMENSIONS	AREA
3	P	8'-4 1/2", 1'-4 3/8"	11.4
4	M	4'-5 5/8", 4'-7 1/4"	20.6
TOTAL			32.0

RESIDENTIAL ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA
GROUND FL	6,002	32.0	5,970

ZONING FA TOTALS

AREA (SQ.FT.)	
GROSS FA	11699
DEDUCTIONS	822.7
ZFA/FL	10,876



SUB CELLAR PLAN

SUB CELLAR GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
SUB CELLAR GROSS	13,214.2

DEDUCTIONS

NO.	AREA
1	13,214.2
TOTAL	13,214.2

ZONING FA TOTALS (SQ.FT.)

GROSS FA	13,214.2
DEDUCTIONS	13,214.2
ZFA/FL	0

400PAS

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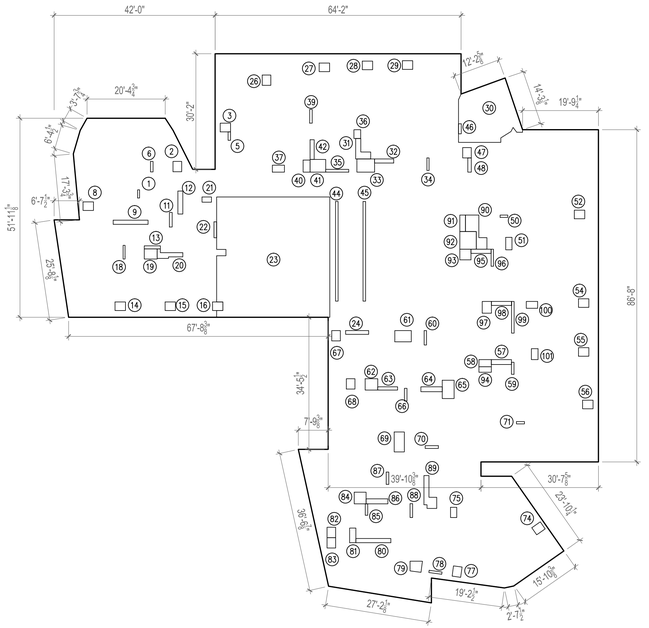
2ND FLOOR PLAN



2ND FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
2ND FL GROSS	12,735

NO.	TYPE	DIMENSIONS	AREA
1	P	0'-6" x 2'-0 5/8"	1.1
2	M	2'-3" x 2'-8 1/2"	6.1
3	M	2'-8 1/2" x 2'-3"	6.1
4	–	NOT USED	0
5	P	0'-7 7/8" x 2'-2 1/2"	1.5
6	P	0'-8", 2'-9"	1.8
7	–	NOT USED	0
8	M	2'-8 1/2" x 2'-3"	6.1
9	P	9'-1 1/4" x 1'-0 7/8"	9.9
10	–	NOT USED	0
11	P	0'-8 1/2" x 3'-9 7/8"	2.7
12	P	1'-3 1/2" x 5'-11 3/4"	7.7
13	P	4'-2 1/2" x 0'-9 3/4"	3.4
14	M	2'-8 1/2" x 2'-3"	6.1
15	M	2'-8 1/2" x 2'-3"	6.1
16	M	2'-8 1/2" x 2'-3"	6.1
17	–	NOT USED	0
18	P	0'-6 1/4" x 3'-7"	1.9
19	M	3'-4 1/2" x 2'-7 1/2"	8.9
20	P	SEE PLAN	9.2
21	M	2'-5 1/2" x 1'-4 1/4"	3.3
22	P	0'-8 1/4" x 4'-1 3/4"	2.9
23	M	29'-6" x 31'-4 1/2"	918.0
24	M	6'-0" x 1'-0"	6.0
25	–	NOT USED	0
26	M	2'-3" x 2'-8 1/2"	6.1
27	M	2'-8 1/2" x 2'-3"	6.1
28	M	2'-8 1/2" x 2'-3"	6.1
29	M	2'-8 1/2" x 2'-3"	6.1
30	–	SEE PLAN	208.5
31	P	SEE PLAN	11.8
32	P	5'-0 1/8" x 1'-1"	5.4
33	M	4'-7 3/8" x 3'-5 1/4"	15.9
34	P	0'-6 3/4" x 3'-3 1/4"	1.8
35	P	6'-0" x 0'-8 1/2"	4.2
36	M	1'-9 3/8" x 2'-3 5/8"	4.1
37	M	3'-1 3/4" x 1'-9 1/2"	5.6
38	–	NOT USED	0
39	P	0'-8" x 3'-7 3/8"	2.4
40	P	1'-9 1/2" x 3'-1 1/2"	5.6
41	M	4'-1" x 3'-3 1/2"	13.4
42	P	1'-1" x 5'-1 7/8"	5.6
43	–	NOT USED	0
44	–	0'-8" x 26'-0"	17.3
45	–	0'-8" x 26'-0"	17.3
46	P	0'-8 1/2", 2'-7 3/8"	1.9
47	M	2'-3" x 2'-8 1/2"	6.1
48	P	0'-11" x 3'-8 1/4"	3.4
49	–	NOT USED	0
50	P	2'-0" x 0'-7 1/4"	1.2
51	M	1'-7 1/2" x 3'-2 3/4"	5.3
52	M	2'-7 5/8" x 2'-3"	6.1
53	–	NOT USED	0
54	M	2'-8 1/2" x 2'-3"	6.1
55	M	2'-8 1/2" x 2'-3"	6.1
56	M	2'-8 1/2" x 2'-3"	6.1
57	P	5'-3" x 1'-3 1/2"	6.8
58	M	3'-2 5/8" x 1'-10 1/2"	6.0
59	P	0'-8" x 3'-1 3/4"	2.1

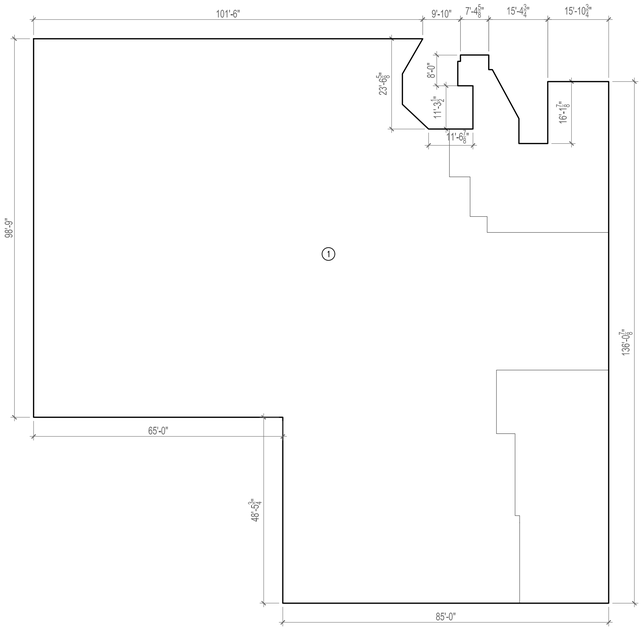
DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
60	P	0'-7 1/4" x 3'-9 1/4"	2.3
61	M	4'-3 1/2" x 2'-11 3/8"	12.7
62	M	3'-3 1/4" x 2'-11 3/8"	9.6
63	P	5'-2 1/4" x 0'-10 3/8"	4.5
64	P	5'-6 3/4" x 1'-3 1/2"	7.1
65	M	3'-1" x 4'-9 1/4"	14.7
66	P	0'-8" x 3'-3 3/4"	2.2
67	M	2'-3" x 2'-8 1/2"	6.1
68	M	2'-3" x 2'-8 1/2"	6.1
69	M	2'-7 1/2" x 5'-2 1/2"	13.7
70	P	3'-5 1/2" x 0'-8 1/2"	2.4
71	P	2'-1" x 0'-7 1/4"	1.3
72	–	NOT USED	0
73	–	NOT USED	0
74	M	2'-8 1/2" x 2'-3"	6.1
75	M	1'-7 1/2" x 2'-8"	4.3
76	–	NOT USED	0
77	M	2'-8 1/2" x 2'-3"	6.1
78	P	4'-2 1/2" x 0'-9 3/4"	2.0
79	M	SEE PLAN	8.3
80	P	9'-1 3/4" x 1'-1"	9.9
81	M	1'-7 1/2" x 3'-9 3/4"	6.2
82	M	2'-3" x 2'-8 1/2"	6.1
83	M	2'-3" x 2'-8 1/2"	6.1
84	M	3'-1 1/4" x 3'-0 3/8"	9.4
85	P	0'-7 3/4" x 3'-0"	2.0
86	P	5'-8" x 1'-3 1/2"	7.3
87	P	0'-8" x 3'-2 3/4"	2.2
88	P	0'-8" x 3'-7 1/2"	2.4
89	P	SEE PLAN	16.3
90	P	SEE PLAN	24.4
91	M	1'-5 3/4" x 4'-3 3/8"	6.3
92	M	4'-3 5/8" x 4'-7 1/2"	19.9
93	M	1'-7 3/4" x 2'-9 1/4"	8.1
94	P	3'-2 5/8" x 1'-5 1/4"	4.6
95	P	5'-3" x 1'-1"	5.7
96	P	0'-7 1/4" x 4'-5 1/2"	2.7
97	M	2'-4" x 3'-0 3/4"	7.4
98	P	5'-3" x 1'-0 1/2"	5.5
99	P	0'-8" x 8'-3 1/4"	5.5
100	M	2'-11 1/2" x 1'-9 1/2"	5.3
101	M	1'-9", 2'-10 1/8"	5.0
TOTAL			1,693.1

2ND FL RESIDENTIAL ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
2ND FL	12,735	1,693.1	11,042

CELLAR PLAN



CELLAR GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
CELLAR GROSS	18,070.3

DEDUCTIONS

NO.	AREA
1	18,070.3
TOTAL	18,070.3

ZONING FA TOTALS (SQ.FT.)

GROSS FA	18,070.3
DEDUCTIONS	18,070.3
ZFA/FL	0

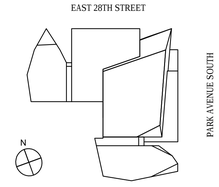
DRAWING NOTES:

1. GROSS IS MEASURED TO OUTSIDE FACE OF GLASS OR EXTERIOR WALL AND MEASURED AT 0'-0" ABOVE TOP OF SLAB.

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:32 AM
NYC Development Hub

NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
GROSS FLOOR & AREA DEDUCTIONS

DRAWING NO:
Z-002.00

NYC DOB NO: 121181808

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DEPT OF BLDGS 121181808 Job Number
IES0089174 Scan Code

400PAS

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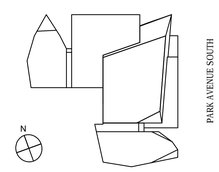
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

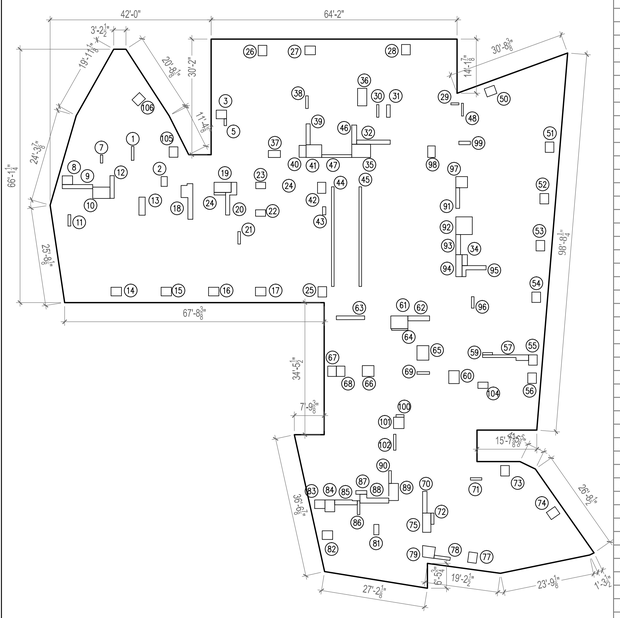
DRAWING TITLE:
GROSS FLOOR & AREA DEDUCTIONS

DRAWING NO:
Z-003.00

NYC DOB NO: 121181808

Damian Titus
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:32 AM
NYC Development Hub

20TH FLOOR PLAN



20TH FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
20TH FL GROSS	12,203

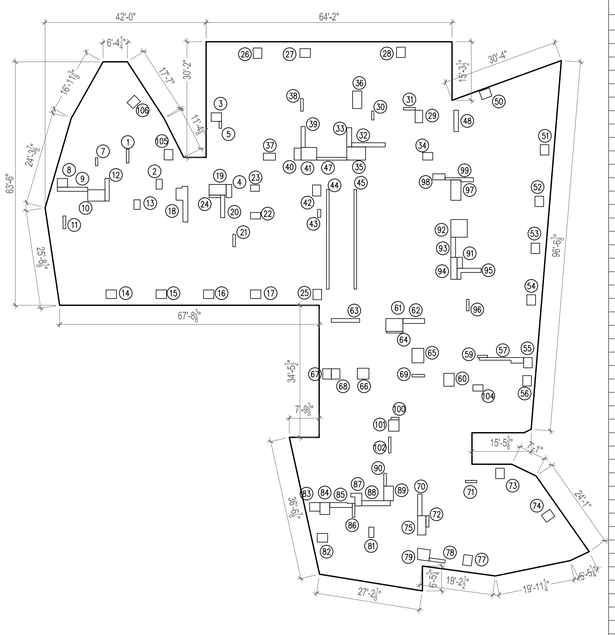
NO.	TYPE	DIMENSIONS	AREA
1	P	0'-8" x 3'-7 1/2"	2.4
2	M	1'-7 1/2" x 2'-6 7/8"	4.2
3	M	2'-8 1/2" x 2'-3"	6.1
4	–	NOT USED	0
5	P	0'-7 7/8" x 1'-9 1/2"	1.2
6	–	NOT USED	0
7	P	0'-7 1/4" x 2'-1"	1.3
8	M	2'-8 1/2" x 2'-3"	6.1
9	P	7'-11 3/8" x 1'-1"	8.6
10	M	4'-6 1/4" x 2'-11 3/4"	13.5
11	P	0'-8 1/2" x 3'-0"	2.1
12	P	1'-1" x 5'-11"	6.4
13	M	1'-7 1/2" x 4'-8 5/8"	7.7
14	M	2'-8 1/2" x 2'-3"	6.1
15	M	2'-8 1/2" x 2'-3"	6.1
16	M	2'-8 1/2" x 2'-3"	6.1
17	M	2'-8 1/2" x 2'-3"	6.1
18	P	SEE PLAN	17.7
19	M	4'-5 3/8" x 2'-7 3/4"	11.8
20	P	SEE PLAN	11.5
21	P	0'-8" x 3'-3 1/8"	2.2
22	M	2'-7 1/2" x 1'-8"	4.4
23	M	1'-11 1/2" x 1'-7 3/4"	4.2
24	P	3'-0", 0'-7 7/8"	2.0
25	M	2'-8 1/2" x 2'-3"	6.1
26	M	2'-3" x 2'-8 1/2"	6.1
27	M	2'-8 1/2" x 2'-3"	6.1
28	M	2'-3" x 2'-8 1/2"	6.1
29	P	2'-1" x 0'-6"	1.0
30	P	0'-6 5/8" x 3'-3 3/4"	1.8
31	P	0'-11 3/8" x 3'-3 1/8"	3.1
32	P	8'-8 3/4", 1'-1"	9.5
33	–	NOT USED	0
34	P	1'-4 5/8" x 2'-10 3/8"	4.0
35	M	4'-10 3/4" x 3'-5 1/4"	16.8
36	M	2'-4 3/4" x 4'-6 5/8"	10.9
37	M	3'-1 3/4" x 1'-9 1/2"	5.6
38	P	0'-8" x 3'-3 5/8"	2.2
39	P	1'-1" x 5'-5 1/2"	5.9
40	P	1'-9 1/2" x 3'-1 1/4"	5.6
41	M	4'-0 1/2" x 3'-3 1/2"	13.4
42	M	2'-1 3/4" x 2'-10 3/8"	6.1
43	P	0'-10" x 2'-1 1/8"	1.7
44	–	0'-8" x 26'-0"	17.3
45	–	0'-8" x 26'-0"	17.3
46	P	1'-3 1/2" x 5'-0"	6.5
47	P	7'-10 1/8" x 0'-8 1/2"	5.6
48	P	0'-5 7/8" x 3'-4 1/8"	1.7
49	–	NOT USED	0
50	M	2'-8 1/2" x 2'-3"	6.1
51	M	2'-3" x 2'-8 1/2"	6.1
52	M	2'-3" x 2'-8 1/2"	6.1
53	M	2'-3" x 2'-8 1/2"	6.1
54	M	2'-3" x 2'-8 1/2"	6.1
55	M	2'-3" x 2'-8 1/2"	6.1
56	M	2'-3" x 2'-8 1/2"	6.1
57	P	SEE PLAN	11.0

DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
58	–	NOT USED	
59	P	2'-7", 0'-7 1/8"	1.5
60	M	2'-8 3/4" x 3'-4 3/8"	9.2
61	M	4'-5" x 3'-4 3/8"	14.9
62	P	5'-8" x 1'-3 1/2"	7.3
63	M	7'-4 1/2" x 1'-0"	7.3
64	P	4'-2 7/8" x 0'-5"	1.8
65	M	3'-1" x 3'-9 5/8"	11.7
66	M	3'-0 1/2" x 2'-10"	8.6
67	M	2'-3" x 2'-8 1/2"	6.1
68	M	2'-3" x 2'-8 1/2"	6.1
69	P	3'-3 1/2" x 0'-8"	2.2
70	P	1'-1 7/8" x 5'-8"	6.5
71	P	2'-11 1/2" x 0'-7 1/4"	1.8
72	P	0'-9 5/8" x 2'-11 1/8"	2.3
73	M	2'-3" x 2'-8 1/2"	6.1
74	M	2'-8 1/2" x 2'-3"	6.1
75	M	2'-1 3/4" x 5'-0 1/8"	10.8
76	–	NOT USED	0
77	M	2'-8 1/2" x 2'-3"	6.1
78	P	4'-2 1/2" x 0'-9 3/4"	3.5
79	M	SEE PLAN	9.2
80	–	NOT USED	0
81	P	1'-3 3/4" x 2'-8 1/4"	3.5
82	M	2'-8 1/2" x 2'-3"	6.1
83	M	2'-8 1/2" x 2'-3"	6.1
84	M	2'-6 3/8" x 3'-1"	7.8
85	P	5'-10 3/4" x 1'-1"	7.3
86	P	0'-8" x 3'-7 1/2"	2.4
87	P	2'-10 1/4" x 0'-11 3/8"	2.7
88	P	SEE PLAN	11.5
89	M	2'-6 1/8" x 4'-5 1/8"	11.1
90	P	0'-8" x 3'-4 1/8"	2.2
91	P	1'-0" x 5'-4 3/4"	5.4
92	M	4'-3 5/8" x 4'-7 1/2"	19.9
93	P	1'-2 7/8" x 5'-3"	6.5
94	M	1'-7 3/4" x 5'-9"	9.4
95	P	SEE PLAN	8.6
96	P	0'-8" x 3'-0"	2.0
97	M	3'-0 1/2" x 2'-10 7/8"	8.8
98	M	1'-11 1/2" x 3'-0"	5.9
99	P	2'-11 9/16" x 0'-11"	2.7
100	P	2'-1" x 0'-8"	1.4
101	M	2'-8 5/8" x 2'-9 1/4"	8.0
102	P	0'-7 1/8" x 4'-2 3/8"	2.5
103	–	NOT USED	
104	M	2'-7 1/2" x 1'-7 5/8"	4.3
105	M	2'-3" x 2'-8 1/2"	6.1
106	M	2'-8 1/2" x 2'-3"	6.1
TOTAL			639.4

20TH FL RESIDENTIAL ZONING FA (SQ.FT.)			
FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
20TH FL	12,203	639.4	11,563

21ST THROUGH 22ND FLOOR PLAN



21ST FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
21ST FL GROSS	12,143
22ND FL GROSS	12,133

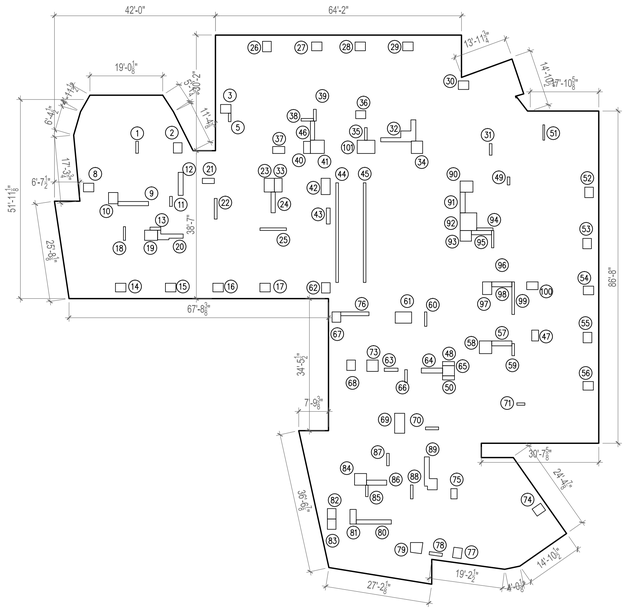
NO.	TYPE	DIMENSIONS	AREA
1	P	0'-8" x 3'-7 1/2"	2.4
2	M	1'-7 1/2" x 2'-6 7/8"	4.2
3	M	2'-8 1/2" x 2'-3"	6.1
4	P	1'-5 5/8" x 3'-4 7/8"	5.0
5	P	0'-7 7/8" x 1'-9 1/2"	1.2
6	–	NOT USED	0
7	P	0'-7 1/4" x 2'-1"	1.3
8	M	2'-8 1/2" x 2'-3"	6.1
9	P	7'-11 3/8" x 1'-1"	8.6
10	M	4'-6 1/4" x 2'-11 3/4"	13.4
11	P	0'-8 3/8" x 3'-4"	2.4
12	P	1'-1" x 5'-11"	6.4
13	M	1'-7 1/2" x 2'-6 1/8"	4.1
14	M	2'-8 1/2" x 2'-3"	6.1
15	M	2'-8 1/2" x 2'-3"	6.1
16	M	2'-8 1/2" x 2'-3"	6.1
17	M	2'-8 1/2" x 2'-3"	6.1
18	P	SEE PLAN	17.7
19	M	4'-5 3/8" x 2'-7 3/4"	11.8
20	P	1'-1" x 5'-10 5/8"	6.4
21	P	0'-8" x 3'-3 1/8"	2.2
22	M	2'-7 1/2" x 1'-8"	4.4
23	M	2'-3 3/4" x 1'-7 3/4"	3.8
24	P	3'-0", 0'-8"	2.0
25	M	2'-8 1/2" x 2'-3"	6.1
26	M	2'-3" x 2'-8 1/2"	6.1
27	M	2'-8 1/2" x 2'-3"	6.1
28	M	2'-3" x 2'-8 1/2"	6.1
29	M	1'-11 1/2" x 3'-3"	6.4
30	P	0'-6 5/8" x 3'-3 3/4"	1.3
31	P	3'-0" x 0'-8"	2.0
32	P	8'-8 3/4", 1'-1"	9.5
33	P	1'-3 1/2", 5'-0 1/8"	6.5
34	M	2'-7 3/4" x 1'-11 1/2"	5.2
35	M	4'-10 3/4" x 3'-5 1/8"	16.8
36	M	2'-4 3/4" x 4'-6 5/8"	10.9
37	M	3'-1 3/4" x 1'-9 1/2"	5.6
38	P	0'-8" x 3'-3 5/8"	2.2
39	P	1'-1" x 5'-5 1/2"	5.9
40	P	1'-9 1/2" x 3'-1 1/4"	5.6
41	M	4'-0 1/2" x 3'-3 1/2"	13.4
42	M	2'-1 3/4" x 2'-10 3/8"	6.1
43	P	0'-10" x 2'-1"	1.7
44		0'-8" x 26'-0"	17.3
45		0'-8" x 26'-0"	17.3
46	–	NOT USED	0
47	P	7'-10 1/8" x 0'-8 1/2"	5.6
48	P	1'-2 1/8" x 5'-6 3/4"	6.5
49	–	NOT USED	0
50	M	2'-8 1/2" x 2'-3"	6.1
51	M	2'-3" x 2'-8 1/2"	6.1
52	M	2'-3" x 2'-8 1/2"	6.1
53	M	2'-3" x 2'-8 1/2"	6.1
54	M	2'-3" x 2'-8 1/2"	6.1
55	M	2'-3" x 2'-8 1/2"	6.1
56	M	2'-3" x 2'-8 1/2"	6.1
57	P	SEE PLAN	10.7
58	–	NOT USED	0

DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
59	P	2'-7", 0'-7 1/8"	1.5
60	M	2'-8 3/4" x 3'-4 3/8"	9.2
61	M	4'-5" x 3'-4 3/8"	15.0
62	P	5'-8" x 1'-3 1/2"	7.3
63	M	7'-4 1/2" x 1'-0"	7.4
64	P	4'-2 7/8" x 0'-5"	1.8
65	M	3'-1" x 3'-9 5/8"	11.7
66	M	3'-0 1/2" x 2'-10"	8.6
67	M	2'-3" x 2'-8 1/2"	6.1
68	M	2'-3" x 2'-8 1/2"	6.1
69	P	3'-3 1/2" x 0'-8"	2.2
70	P	1'-1 7/8" x 5'-8"	6.5
71	P	2'-11 1/2" x 0'-7 1/4"	1.8
72	P	0'-9 5/8" x 2'-11 1/8"	2.3
73	M	2'-3" x 2'-8 1/2"	6.1
74	M	2'-8 1/2" x 2'-3"	6.1
75	M	2'-1 3/4" x 5'-0 1/8"	10.8
76	–	NOT USED	0
77	M	2'-8 1/2" x 2'-3"	6.1
78	P	4'-2 1/2" x 0'-9 3/4"	3.5
79	M	SEE PLAN	9.2
80	–	NOT USED	0
81	P	1'-3 3/4" x 2'-8 1/4"	3.5
82	M	2'-8 1/2" x 2'-3"	6.1
83	M	2'-8 1/2" x 2'-3"	6.1
84	M	2'-6 3/8" x 3'-1"	7.8
85	P	5'-10 3/4" x 1'-1"	7.3
86	P	0'-8" x 3'-7 1/2"	2.4
87	P	SEE PLAN	6.9
88	P	7'-5 1/4" x 1'-3 1/2"	9.6
89	M	2'-6 1/8" x 3'-9 5/8"	9.6
90	P	0'-8" x 3'-4 1/8"	2.2
91	P	1'-4 5/8", 2'-10 3/8"	4.0
92	M	4'-3 5/8" x 4'-7 1/2"	19.9
93	P	1'-2 7/8" x 5'-3"	6.5
94	M	1'-7 3/4" x 5'-9"	9.4
95	P	SEE PLAN	8.6
96	P	0'-8" x 3'-0"	2.0
97	M	2'-7 3/4" x 5'-4"	14.1
98	P	3'-2 1/8" x 1'-7"	5.0
99	P	SEE PLAN	5.9
100	P	2'-1" x 0'-8"	1.4
101	M	2'-8 5/8" x 2'-9 1/4"	8.0
102	P	0'-7 1/8" x 4'-2 3/8"	2.5
103	–	NOT USED	0
104	M	2'-7 1/2" x 1'-7 5/8"	4.3
105	M	2'-3" x 2'-8 1/2"	6.1
106	M	2'-8 1/2" x 2'-3"	6.1
TOTAL			652.5

21ST – 22ND FLS RES ZONING FA (SQ.FT.)			
FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
21ST FL	12,143	652.5	11,490
22ND FL	12,133	652.5	11,481

3RD THROUGH 6TH FLOOR PLAN



3RD FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
3RD FL GROSS	12,784
4TH–6TH GROSS FA[1] (SQ.FT.)–(NOT SHOWN) FLOOR AREA (SQ.FT.)	
4TH FL GROSS	12,843
5TH FL GROSS	12,900
6TH FL GROSS	12,955

DEDUCTIONS (FLRS 3–6 SAME)

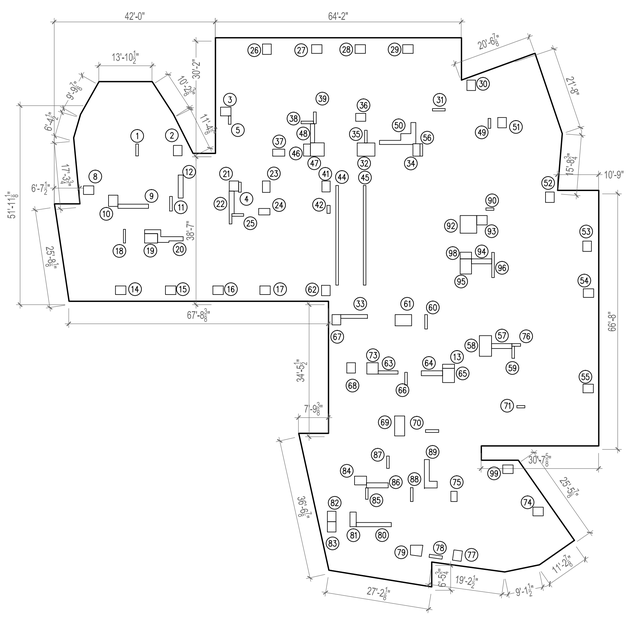
NO.	TYPE	DIMENSIONS	AREA
1	P	0'-8" x 3'-1 1/2"	2.1
2	M	2'-3" x 2'-8 1/2"	6.1
3	M	2'-8 1/2" x 2'-3"	6.1
4	–	NOT USED	0
5	P	0'-7 7/8" x 2'-2 1/2"	1.5
6	–	NOT USED	0
7	–	NOT USED	0
8	M	2'-8 1/2" x 2'-3"	6.1
9	P	7'-11 3/8" x 1'-1"	8.6
10	M	2'-5" x 2'-11 1/2"	7.3
11	P	0'-8 1/2" x 2'-7 3/8"	1.9
12	P	1'-3 1/2" x 5'-11 3/4"	7.7
13	P	2'-9 1/2" x 0'-9 3/4"	2.3
14	M	2'-8 1/2" x 2'-3"	6.1
15	M	2'-8 1/2" x 2'-3"	6.1
16	M	2'-8 1/2" x 2'-3"	6.1
17	M	2'-8 1/2" x 2'-3"	6.1
18	P	0'-6 1/8" x 3'-7"	1.9
19	M	3'-4 1/2" x 2'-7 1/2"	8.9
20	P	SEE PLAN	9.2
21	M	3'-1 1/2" x 1'-4 1/4"	4.2
22	P	0'-8 1/2" x 5'-4 5/8"	3.8
23	M	2'-7 3/4" x 3'-6 3/4"	9.4
24	P	1'-1" x 5'-5"	5.9
25	P	6'-10 1/2" x 0'-8"	4.6
26	M	2'-3" x 2'-8 1/2"	6.1
27	M	2'-8 1/2" x 2'-3"	6.1
28	M	2'-8 1/2" x 2'-3"	6.1
29	M	2'-8 1/2" x 2'-3"	6.1
30	M	2'-8 1/2" x 2'-3"	6.1
31	P	0'-6" x 3'-0"	2.0
32	P	SEE PLAN	20.3
33	P	2'-11 3/8" x 3'-2 1/2"	9.5
34	M	1'-11 1/2" x 2'-11 3/4"	5.8
35	P	0'-8" x 3'-3 5/8"	2.2
36	M	2'-7 1/2" x 2'-9 1/2"	5.4
37	M	3'-1 3/4" x 1'-9 1/2"	5.6
38	P	3'-2 7/8" x 0'-8"	2.2
39	P	0'-8 3/8" x 3'-0 7/8"	2.2
40	P	1'-9 1/2" x 3'-1 1/2"	5.6
41	M	3'-7 1/8" x 3'-5 1/2"	12.6
42	M	2'-4" x 4'-2 7/8"	9.9
43	P	1'-0" x 4'-2"	4.2
44		0'-8" x 26'-0"	17.3
45		0'-8" x 26'-0"	17.3
46	P	1'-1" x 4'-11 3/4"	5.4
47	M	1'-9 1/2" x 2'-10"	5.1
48	P	3'-1" x 1'-0 7/8"	3.3
49	P	0'-8" x 2'-1"	1.4
50	P	3'-1" x 1'-0 7/8"	3.3

DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
51	P	0'-5", 3'-11 7/8"	1.7
52	M	2'-3" x 2'-8 1/2"	6.1
53	M	2'-3" x 2'-8 1/2"	6.1
54	M	2'-8 1/2" x 2'-3"	6.1
55	M	2'-3" x 2'-8 1/2"	6.1
56	M	2'-8 1/2" x 2'-3"	6.1
57	P	5'-3" x 1'-3 1/2"	6.8
58	M	3'-2 5/8" x 3'-3 3/4"	10.7
59	P	0'-8" x 3'-1 3/4"	2.1
60	P	0'-7 1/4" x 3'-9 1/4"	2.3
61	M	4'-3 1/8" x 2'-11 3/8"	12.6
62	M	2'-3" x 2'-8 1/2"	6.1
63	P	3'-6 3/4" x 0'-10 3/8"	3.1
64	P	5'-6 3/4" x 1'-3 3/8"	7.1
65	M	3'-1" x 2'-7 1/2"	8.1
66	P	0'-8" x 3'-3 3/4"	2.2
67	M	2'-3" x 2'-8 1/2"	6.1
68	M	2'-3" x 2'-8 1/2"	6.1
69	M	2'-7 1/2" x 5'-2 1/2"	13.7
70	P	3'-4 3/4" x 0'-8 1/2"	2.4
71	P	0'-6" x 0'-7 1/4"	1.3
72	–	NOT USED	0
73	M	2'-11 1/2" x 2'-11 3/8"	8.8
74	M	2'-3" x 2'-8 1/2"	6.1
75	M	1'-7 1/2" x 2'-8"	4.3
76	P	2'-3 1/2", 0'-8 1/2"	1.6
77	M	2'-8 1/2" x 2'-3"	6.1
78	P	4'-2 1/2" x 0'-9 3/4"	2.8
79	M	SEE PLAN	8.3
80	P	4'-3 5/8" x 4'-7 1/2"	19.9
81	M	1'-7 1/2" x 3'-9 3/4"	6.2
82	M	2'-3" x 2'-8 1/2"	6.1
83	M	2'-3" x 2'-8 1/2"	6.1
84	M	3'-1 1/4" x 2'-3 1/8"	7.0
85	P	0'-7 3/4" x 3'-0"	2.0
86	P	5'-8" x 1'-3 1/2"	7.3
87	P	0'-8" x 3'-2 3/4"	2.2
88	P	0'-8" x 3'-7 1/2"	2.4
89	P	SEE PLAN	13.2
90	M	2'-1" x 0'-7 1/4"	1.3
91	–	NOT USED	0
92	M	4'-3 5/8" x 4'-7 1/2"	19.9
93	P	2'-8 5/8" x 2'-5 1/2"	6.7
94	P	5'-3 1/4" x 1'-3 1/2"	6.8
95	M	2'-11 3/8" x 3'-11 3/4"	11.6
96	P	0'-9" x 6'-6 3/4"	4.4
97	–	NOT USED	0
98	P	2'-11 3/8" x 1'-8 7/8"	5.1
99	M	2'-8 1/2", 2'-3"	6.1
TOTAL			593.9

3RD – 6TH FL RES ZONING FA (SQ.FT.)			
FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
3RD FL	12,784	626.2	12,158
4TH FL	12,843	626.2	12,217
5TH FL	12,900	626.2	12,274
6TH FL	12,955	626.2	12,329

7TH THROUGH 19TH FLOOR PLAN



7TH FL GROSS FA[1](SQ.FT.) – (LEFT) AREA (SQ.FT.)	
7TH FL GROSS	12,808
8TH–19TH GROSS FA[1] (SQ.FT.)–(NOT SHOWN) FLOOR AREA (SQ.FT.)	
8TH FL GROSS	12,867
9TH FL GROSS	12,923
10TH FL GROSS	12,974
11TH FL GROSS	13,018
12TH FL GROSS	13,056
13TH FL GROSS	13,089
14TH FL GROSS	13,115
15TH FL GROSS	13,111
16TH FL GROSS	13,162
17TH FL GROSS	13,153
18TH FL GROSS	13,142
19TH FL GROSS	13,130

DEDUCTIONS (FLRS 7–19 SAME)

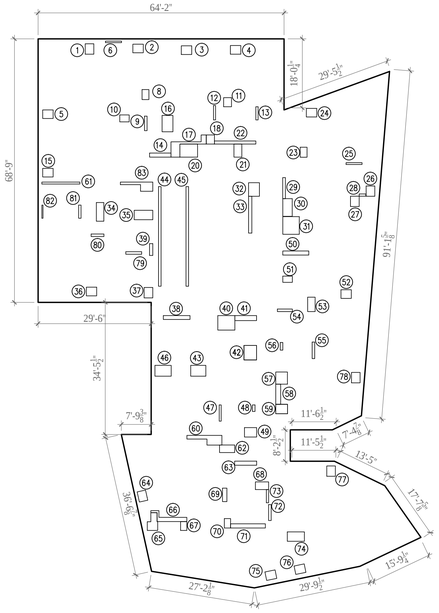
NO.	TYPE	DIMENSIONS	AREA
1	P	0'-8" x 3'-1 1/2"	2.1
2	M	2'-3" x 2'-8 1/2"	6.1
3	M	2'-8 1/2" x 2'-3"	6.1
4	P	0'-8" x 2'-7 3/8"	1.7
5	P	0'-7 7/8" x 2'-2 1/2"	1.5
6	–	NOT USED	0
7	–	NOT USED	0
8	M	2'-8 1/2" x 2'-3"	6.1
9	P	7'-11 5/8" x 1'-1"	8.6
10	M	2'-5" x 2'-11 1/2"	7.3
11	P	0'-8 1/2" x 3'-9 7/8"	2.7
12	P	1'-3 1/2" x 5'-11 3/4"	7.7
13	P	3'-1" x 0'-11 3/4"	3.3
14	M	2'-8 1/2" x 2'-3"	6.1
15	M	2'-8 1/2" x 2'-3"	6.1
16	M	2'-8 1/2" x 2'-3"	6.1
17	M	2'-8 1/2" x 2'-3"	6.1
18	P	0'-6 1/4" x 3'-7"	1.9
19	M	3'-4 1/2" x 2'-7 1/2"	8.9
20	P	SEE PLAN	13.3
21	M	2'-5 1/2" x 2'-7 3/4"	6.5
22	P	SEE PLAN	9.5
23	M	1'-11 1/2" x 2'-11 3/4"	5.8
24	M	2'-11 3/8" x 1'-8"	4.9
25	P	3'-0 3/4" x 0'-8"	2.0
26	M	2'-3" x 2'-8 1/2"	6.1
27	M	2'-8 1/2" x 2'-3"	6.1
28	M	2'-8 1/2" x 2'-3"	6.1
29	M	2'-8 1/2" x 2'-3"	6.1
30	M	2'-3" x 2'-8 1/2"	6.1
31	P	3'-3 1/8" x 0'-7 1/4"	2.0
32	M	4'-7 3/8" x 3'-5 1/4"	15.9
33	M	6'-11 1/2", 1'-0"	7.0
34	M	1'-10 1/8" x 3'-2 1/2"	5.9
35	P	0'-8" x 3'-3 5/8"	2.2
36	M	2'-7 1/2" x 2'-9 1/2"	5.4
37	M	3'-1 3/4" x 1'-9 1/2"	5.6
38	P	3'-2 7/8" x 0'-8"	2.2
39	P	0'-8 3/8" x 3'-0 7/8"	2.2
40	P	1'-9 1/2" x 3'-1 1/2"	5.6
41	M	3'-7 1/8" x 3'-5 1/2"	12.6
42	M	2'-4" x 4'-2 7/8"	9.9
43	P	1'-0" x 4'-2"	4.2
44		0'-8" x 26'-0"	17.3
45		0'-8" x 26'-0"	17.3
46	P	1'-1" x 4'-11 3/4"	5.4
47	M	1'-9 1/2" x 2'-10"	5.1
48	P	3'-1" x 1'-0 7/8"	3.3
49	P	0'-8" x 2'-1"	1.4
50	P	3'-1" x 1'-0 7/8"	3.3

DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
51	P	0'-5", 3'-11 7/8"	1.7
52	M	2'-3" x 2'-8 1/2"	6.1
53	M	2'-3" x 2'-8 1/2"	6.1
54	M	2'-8 1/2" x 2'

DEPT OF BUILDINGS 121181808 Job Number
ES2470804420 Scan Code

28TH & 29TH FLOOR PLAN



28TH & FL GROSS FA (SQ.FT.) – (LEFT)	AREA (SQ.FT.)
28TH FL GROSS	12097.3
29TH FL GROSS (NOT SHOWN)	12,058.3

NO.	TYPE	DIMENSIONS	AREA
1	M	2'-3" x 2'-8 1/2"	6.1
2	M	2'-8 1/2" x 2'-3"	6.1
3	M	2'-8 1/2" x 2'-3"	6.1
4	M	2'-8 1/2" x 2'-3"	6.1
5	M	2'-8 1/2" x -2'-3"	6.1
6	P	4'-2" x 9'-5"	1.7
7	–	NOT USED	
8	M	1'-9 1/2" x 2'-7 1/2"	4.7
9	P	0'-8" x 3'-9 1/2"	2.5
10	M	2'-5 1/2" x 1'-9 1/2"	4.5
11	M	2'-1" x 2'-4"	4.9
12	P	0'-6 1/2" x 3'-9 1/2"	2.0
13	P	0'-7 1/2" x 3'-5 1/2"	2.1
14	P	5'-7" x 1'-1"	6.0
15	M	2'-8 1/2" x 2'-3"	6.1
16	M	2'-10" x 4'-3 1/2"	12.1
17	P	SEE PLAN	15.7
18	M	2'-1 1/2" x 2'-4 1/2"	5.1
19	–	NOT USED	0
20	M	4'-7 3/8" x 3'-5 1/4"	15.9
21	M	2'-1" x 3'-5"	7.1
22	P	10'-9 1/2" x 0'-9 1/2"	8.5
23	M	1'-9 1/2" x 2'-7 1/2"	4.7
24	M	2'-8 1/2" x 2'-3"	6.1
25	P	4'-2" x 9'-6"	2.1
26	M	2'-3" x 2'-8 1/2"	6.1
27	M	2'-3" x 2'-8 1/2"	6.1
28	P	1'-8 7/8" x 0'-7"	1.0
29	P	0'-8 1/8" x 5'-5 7/8"	3.7
30	M	2'-5 1/2" x 4'-8 3/8"	11.4
31	M	4'-3 5/8" x 4'-7 1/2"	19.9
32	M	2'-10" x 3'-6 1/2"	10.0
33	P	0'-10 1/4" x 9'-7 1/4"	8.2
34	M	1'-11 1/2" x 4'-10 3/8"	9.5
35	M	4'-10 1/4" x 2'-5 1/2"	11.9
36	M	2'-8 1/2" x 2'-3"	6.1
37	M	2'-3" x 2'-8 1/2"	6.1
38	M	6'-11 1/2" x 1'-0"	7.0
39	P	0'-10", 3'-1"	2.6
40	M	4'-5 1/2" x 3'-9 1/4"	16.8
41	P	5'-8" x 1'-3 1/2"	7.3
42	M	3'-3 1/2" x 3'-9 1/2"	12.5
43	M	3'-11 1/4" x 2'-10"	11.1
44		0'-8" x 26'-5"	17.3
45		0'-8" x 26'-5"	17.3
46	M	4'-2 1/2" x 2'-10"	12.0
47	P	0'-6" x 4'-3"	2.1
48	P	0'-8" x 1'-8 1/2"	1.1
49	M	3'-2" x 2'-5 1/2"	7.8
50	P	6'-9 1/2" x 1'-1"	7.4
51	M	2'-6" x 1'-7 1/2"	4.0
52	M	2'-8 1/2" x 2'-3"	6.1

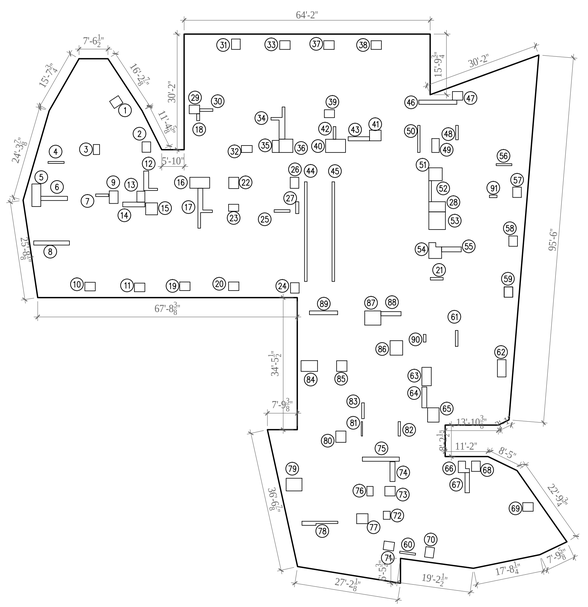
DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
53	M	1'-11 1/2" x 3'-9"	7.4
54	P	3'-10 1/2" x 0'-8"	2.6
55	P	0'-8" x 4'-4"	2.9
56	P	0'-8" x 2'-0"	1.3
57	M	3'-0 1/2" x 3'-2"	9.6
58	P	1'-3 1/2" x 5'-3"	6.8
59	M	3'-0 3/4" x 2'-5 3/8"	7.5
60	P	SEE PLAN	14.7
61	P	9'-11" x 8'-6"	5.0
62	M	3'-11 1/8" x 1'-11 1/2"	7.7
63	P	5'-8 7/8" x -1'-1"	6.2
64	M	SEE PLAN	6.1
65	M	SEE PLAN	10.0
66	P	SEE PLAN	10.1
67	M	1'-7 1/2" x 2'-4"	3.8
68	M	3'-5 1/2" x 2'-0"	7.0
69	P	1'-1 1/2" x 3'-6"	4.0
70	M	1'-7 1/2" x 2'-5 1/2"	4.0
71	P	8'-11 1/2" x 1'-1"	9.8
72	P	0'-8" x 4'-1 1/2"	2.8
73	P	0'-7 1/4" x 3'-5 1/4"	2.1
74	M	4'-5 1/2" x 2'-5 1/2"	11.0
75	M	SEE PLAN	6.1
76	M	SEE PLAN	6.1
77	M	2'-3" x 2'-8 1/2"	6.1
78	M	2'-3" x 2'-8 1/2"	6.1
79	P	4'-2" x 0'-8"	2.8
80	P	3'-3 1/2" x 0'-8"	2.2
81	P	0'-7 1/2" x 3'-5 1/2"	2.1
82	P	0'-3 1/2" x 3'-5 1/2"	1.0
83	P	SEE PLAN	11.2
TOTAL			560.1

28TH – 29TH RES. ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
28TH FL	9937	560.1	9,377
29TH FL	9900	560.1	9,340

23RD THROUGH 26TH FLOOR PLAN



23RD FL GROSS FA[1] (SQ.FT.) – (LEFT)	AREA (SQ.FT.)
23RD FL GROSS	12097.3
24TH FL GROSS	12,058.3
25TH FL GROSS	12,016.1
26TH FL GROSS	12,032.3

NO.	TYPE	DIMENSIONS	AREA
1	M	2'-3" x 2'-8 1/2"	6.1
2	M	2'-3" x 2'-8 1/2"	6.1
3	M	1'-7 1/2" x 2'-7 1/2"	4.3
4	P	4'-2" x 0'-6"	2.1
5	M	2'-4" x -5'-11"	13.7
6	P	6'-11 1/2" x 1'-1"	7.5
7	P	3'-4 1/2" x 0'-8"	2.3
8	P	9'-4" x 1'-1"	10.1
9	M	2'-3 1/2" x 3'-3 1/2"	7.5
10	M	2'-8 1/2" x 2'-3"	6.1
11	M	2'-8 1/2" x 2'-3"	6.1
12	P	SEE PLAN	7.9
13	P	2'-1" x 2'-10"	5.9
14	P	5'-9" x 1'-3"	7.1
15	M	3'-1" x 3'-1 1/2"	9.7
16	M	5'-2" x 2'-10 1/2"	14.7
17	P	SEE PLAN	12.7
18	P	0'-9 1/2" x 1'-9 1/2"	1.4
19	M	2'-8 1/2" x 2'-3"	6.1
20	M	2'-8 1/2" x 2'-3"	6.1
21	P	3'-4" x 0'-8"	2.2
22	M	2'-7" x 2'-11"	7.6
23	M	2'-7 1/2" x 1'-9 1/2"	4.7
24	M	2'-3" x 2'-8 1/2"	6.1
25	P	4'-1" x 0'-8"	2.8
26	M	2'-3" x 2'-10 1/2"	6.4
27	P	0'-10", 3'-1"	2.6
28	M	4'-3 5/8", 2'-7 3/4"	11.4
29	M	2'-8 1/2" x 2'-3 1/4"	6.1
30	P	3'-5 3/8" x 0'-8"	2.3
31	M	2'-3" x 2'-8 1/2"	6.1
32	M	2'-10" x 1'-9 1/2"	5.1
33	M	2'-8 1/2" x 2'-3"	6.1
34	P	SEE PLAN	11.9
35	P	1'-9 1/2" x 3'-1 5/8"	5.6
36	M	3'-7 1/8" x 3'-5 1/2"	12.4
37	M	2'-8 1/2" x 2'-3"	6.1
38	M	2'-8 1/2" x 2'-3"	6.1
39	M	2'-7 1/2" x 2'-0 1/2"	5.4
40	M	5'-2 1/2" x 3'-5 1/4"	17.9
41	M	3'-0 3/8" x 2'-9 1/4"	8.4
42	P	0'-8", 3'-3 5/8"	2.2
43	P	5'-6 3/4" x 1'-1"	6.0
44		0'-8" x 26'-0"	17.3
45		0'-8" x 26'-0"	17.3
46	P	9'-11" x 1'-1"	10.7
47	M	2'-8 1/2" x 2'-3"	6.1
48	P	0'-8" x 3'-9"	2.5
49	M	1'-11 1/2" x 3'-1 1/2"	7.1
50	P	0'-7 1/2" x 7'-1"	4.3
51	M	3'-6" x 3'-4"	11.7
52	P	0'-8" x 5'-5 7/8"	3.7

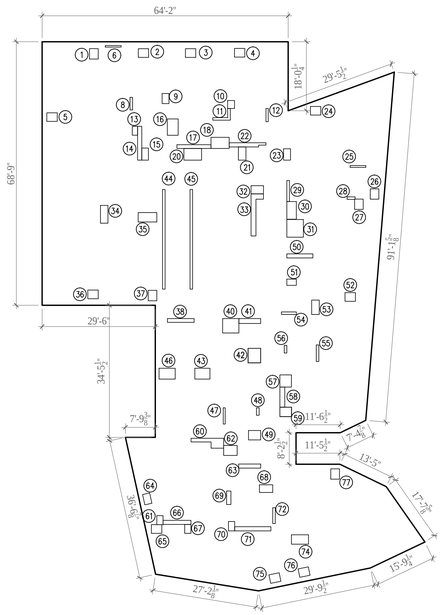
DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
53	M	4'-3 1/2" x 4'-7 1/2"	19.9
54	M	SEE PLAN	12.0
55	P	5'-1" x 1'-3 1/2"	6.6
56	P	4'-1" x 0'-6"	2.0
57	M	2'-3" x 2'-8 1/2"	6.1
58	M	2'-3" x 2'-8 1/2"	6.1
59	M	2'-3" x 2'-8 1/2"	6.1
60	P	4'-1 3/4" x 3'-9"	15.8
61	P	0'-8" x 4'-2"	2.8
62	M	2'-3" x 2'-8 1/2"	6.1
63	M	2'-3" x 2'-8 1/2"	6.1
64	P	0'-8" x 4'-4"	2.9
65	M	2'-3" x 2'-8 1/2"	6.1
66	M	2'-5 1/2" x 4'-9 1/2"	11.8
67	M	1'-3 1/2" x 5'-3 1/2"	7.0
68	M	2'-3" x 2'-8 1/2"	6.1
69	M	2'-8 1/2" x 2'-3"	6.1
70	M	2'-8 1/2" x 2'-3"	6.1
71	M	2'-8 1/2" x 2'-3"	6.1
72	M	1'-9 1/2" x 2'-1 1/2"	3.8
73	M	2'-8" x 2'-5 1/2"	6.6
74	P	1'-3 1/2" x 5'-2"	6.7
75	P	9'-7 1/4" x 1'-1"	10.4
76	M	1'-7 1/2" x 2'-5 1/2"	4.0
77	M	2'-11 1/2" x 2'-7"	7.6
78	P	SEE PLAN	7.4
79	M	4'-1 3/4" x 3'-3 1/2"	13.7
80	M	2'-7 1/2" x 2'-11 1/2"	7.8
81	P	0'-3 3/4" x 3'-9 1/8"	1.2
82	P	0'-7" x 3'-8 1/2"	2.3
83	P	0'-8" x 4'-1 1/2"	2.8
84	M	4'-3 1/2" x 2'-10"	12.2
85	M	2'-8 1/2" x 2'-9 1/2"	7.5
86	M	3'-3 1/2" x 3'-9 1/2"	12.5
87	M	4'-3" x 3'-8 1/2"	15.8
88	P	5'-3" x 1'-1"	5.7
89	M	7'-4 1/2" x 1'-9"	7.4
90	P	0'-8" x 2'-0"	1.3
91	P	1'-11 3/8" x 0'-8"	1.3
TOTAL			654.5

23RD – 26TH FLS RES ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
23RD FL	12,097	654.5	11,443
24TH FL	12,058	654.5	11,404
25TH FL	12,016	654.5	11,362
26TH FL	12,032	654.5	11,378

27TH FLOOR PLAN



27TH FL GROSS FA[1] (SQ.FT.) – (LEFT)	AREA (SQ.FT.)
27TH FL GROSS	9972.9

NO.	TYPE	DIMENSIONS	AREA
1	M	2'-3" x 2'-8 1/2"	6.1
2	M	2'-8 1/2" x 2'-3"	6.1
3	M	2'-8 1/2" x 2'-3"	6.1
4	M	2'-8 1/2" x 2'-3"	6.1
5	M	2'-8 1/2" x -2'-3"	6.1
6	P	4'-1 1/2" x 9'-5"	1.6
7	–	NOT USED	
8	P	0'-8" x 3'-3 1/2"	2.2
9	M	1'-9 1/2" x 2'-7 1/2"	4.7
10	M	1'-9 1/2" x 2'-1"	3.7
11	P	SEE PLAN	4.6
12	P	0'-7" x 3'-5 1/2"	2.1
13	M	1'-4 1/2" x 2'-3 1/2"	3.2
14	P	1'-1" x 8'-10"	9.6
15	P	1'-9" x 3'-1 1/2"	5.4
16	M	2'-10" x 4'-3 1/2"	12.1
17	P	8'-10 1/2" x 1'-0"	8.9
18	M	4'-9" x 2'-11"	13.9
19	–	NOT USED	0
20	M	4'-7 3/8" x 3'-0 1/4"	13.9
21	M	1'-11 1/2" x 3'-5"	6.7
22	P	SEE PLAN	9.5
23	M	1'-9 1/2" x 2'-11 1/2"	5.3
24	M	2'-8 1/2" x 2'-3"	6.1
25	P	4'-1" x 0'-6"	2.0
26	M	2'-3" x 2'-8 1/2"	6.1
27	M	2'-2 3/4" x 2'-8 1/2"	6.1
28	P	1'-9 7/8" x 0'-8"	1.4
29	P	0'-8" x 5'-5 7/8"	3.7
30	M	2'-5 1/2" x 4'-7 5/8"	11.4
31	M	4'-3 5/8" x 4'-7 1/2"	19.9
32	M	3'-3" x 2'-2"	7.0
33	P	SEE PLAN	16.9
34	M	1'-11 1/2" x 4'-7 1/2"	9.1
35	M	4'-10 1/4" x 2'-5 1/2"	11.9
36	M	2'-8 1/2" x 2'-3"	6.1
37	M	2'-3" x 2'-8 1/2"	6.1
38	M	6'-11 1/2" x 1'-0"	7.0
39	–	NOT USED	
40	M	4'-2 7/8" x 3'-9 1/4"	16.0
41	P	5'-8" x 1'-3 1/2"	7.3
42	M	3'-3 1/2" x 3'-9 1/2"	12.5
43	M	3'-11 1/4" x 2'-10"	11.1
44	–	0'-8" x 26'-0"	17.3
45	–	0'-8" x 26'-0"	17.3
46	M	4'-2 1/2" x 2'-10"	12.0
47	P	0'-6" x 4'-3"	2.1
48	P	0'-8" x 1'-11 1/2"	1.3
49	M	3'-2" x 2'-5 1/2"	7.8
50	P	6'-9 1/2" x 1'-1"	7.4
51	M	2'-6" x 1'-7 1/2"	4.0
52	M	2'-8 1/2" x 2'-3"	6.1

DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
53	M	1'-11 1/2" x 3'-9"	7.4
54	P	3'-10 1/2" x 0'-8"	2.6
55	P	0'-8" x 4'-4"	2.9
56	P	0'-8" x 2'-0"	1.3
57	M	3'-0 1/2" x 3'-2"	9.6
58	P	1'-3 1/2" x 5'-3"	6.8
59	M	3'-0 3/4" x 2'-5 3/8"	7.5
60	P	SEE PLAN	13.4
61	M	1'-7 1/2" x 2'-3 3/4"	3.9
62	M	3'-6 1/8" x 2'-7 1/4"	9.1
63	P	5'-8 7/8" x -1'-1"	6.2
64	M	SEE PLAN	5.2
65	M	2'-8 1/2" x 2'-3"	6.1
66	P	7'-3 3/8" x 1'-1"	7.9
67	M	1'-7 1/2" x 2'-4"	3.8
68	M	3'-5 1/2" x 2'-0"	7.0
69	P	1'-1 1/2" x 3'-6"	3.9
70	M	1'-7 1/2" x 2'-5 1/2"	4.0
71	P	9'-5" x 1'-1"	10.2
72	P	0'-8" x 4'-2"	2.8
73	–	NOT USED	
74	M	4'-5 1/2" x 2'-5 1/2"	11.0
75	M	SEE PLAN	6.1
76	M	SEE PLAN	6.1
77	M	2'-3" x 2'-8 1/2"	6.1
TOTAL			531.5

27TH FL RESIDENTIAL ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
27TH FL	9973	531.5	9,441

DRAWING NOTES:

1. GROSS IS MEASURED TO OUTSIDE FACE OF GLASS OR EXTERIOR WALL AND MEASURED AT 0'–0" ABOVE TOP OF SLAB.

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:32 AM
NYC Development Hub

400PAS

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INTERIOR DESIGN
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1407 BROADWAY STREET
NEW YORK, NY 10018
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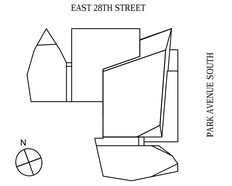
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
GROSS FLOOR & AREA DEDUCTIONS

DRAWING NO:
Z-004.00

NYC DOB NO: 121181808

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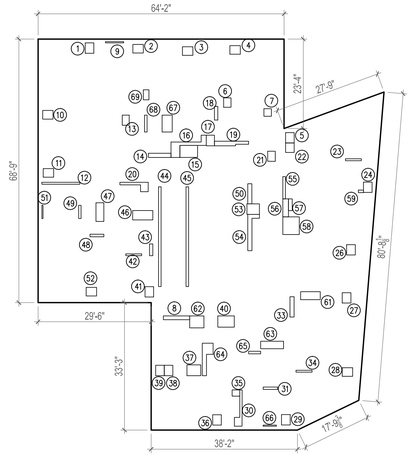
DEPT OF BLDGS 121181808 Job Number
ES0736164495 Scan Code

37TH THROUGH 38TH FLOOR PLAN



37TH FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
37TH FL GROSS	7,362
38TH FL GROSS FA[1] (SQ.FT.)–(NOT SHOWN) AREA (SQ.FT.)	
38TH FL GROSS	7,332

DEDUCTIONS

NO.	TYPE	DIMENSIONS	AREA
1	M	2'-3" x 2'-8 1/2"	6.1
2	M	2'-8 1/2" x 2'-3"	6.1
3	M	2'-8 1/2" x 2'-3"	6.1
4	M	2'-8 1/2" x 2'-3"	6.1
5	M	2'-3" x 2'-8 1/2"	6.1
6	M	1'-10 7/8" x 2'-4 3/4"	4.7
7	M	1'-11 1/2" x 1'-11 1/2"	3.8
8	M	6'-10 5/8" x 1'-0"	6.9
9	P	4'-0" x 0'-4"	1.6
10	M	2'-8 1/2" x 2'-3"	6.1
11	M	2'-8 1/2" x 2'-3"	6.1
12	P	9'-11" x 0'-6"	5.0
13	M	1'-9 3/4" x 2'-7 1/2"	4.8
14	P	5'-10 1/2" x 1'-1"	6.4
15	M	4'-7 3/8" x 3'-1 1/2"	14.4
16	P	SEE PLAN	17.8
17	M	2'-1 5/8" x 2'-9 1/2"	6.0
18	P	0'-10 5/8" x 3'-7"	3.2
19	P	SEE PLAN	9.3
20	P	SEE PLAN	8.5
21	M	1'-11 1/2" x 2'-7 1/2"	5.1
22	M	2'-3" x 2'-5 1/2"	5.5
23	P	4'-1 5/8" x 0'-6"	2.1
24	M	2'-3" x 2'-8 1/2"	6.1
25	–	NOT USED	0
26	M	2'-3" x 2'-8 1/2"	6.1
27	M	2'-3" x 2'-8 1/2"	6.1
28	M	2'-8 1/2" x 2'-3"	6.1
29	M	2'-3" x 2'-8 1/2"	6.1
30	P	SEE PLAN	8.9
31	P	3'-9 1/8" x 0'-7 1/4"	2.3
32	–	NOT USED	0
33	P	1'-1" x 5'-3 3/4"	5.8
34	P	4'-2 3/8" x 0'-6"	2.1
35	M	2'-0" x 1'-7 1/2"	3.2
36	M	2'-3" x 2'-8 1/2"	6.1
37	M	3'-7 1/4" x 2'-10"	10.2
38	M	2'-3" x 2'-8 1/2"	6.1
39	M	2'-3" x 2'-8 1/2"	6.1
40	M	4'-3 1/2" x 2'-11 3/8"	12.7
41	M	2'-3" x 2'-8 1/2"	6.1
42	P	4'-1 3/4" x 0'-5 7/8"	2.1
43	P	0'-10" x 3'-1"	2.6
44		0'-8" x 26'-0"	17.3
45		0'-8" x 26'-0"	17.3
46	M	5'-3" x 2'-5 1/2"	12.9
47	M	2'-0 3/4" x 4'-10 3/8"	10.0
48	P	3'-7 1/2" x 0'-8"	2.4
49	P	0'-7 1/4" x 3'-5 3/8"	2.1
50	P	1'-1" x 5'-3"	5.7
51	P	0'-3 1/2" x 3'-5 3/8"	1.0
52	M	2'-8 1/2" x 2'-3"	6.1

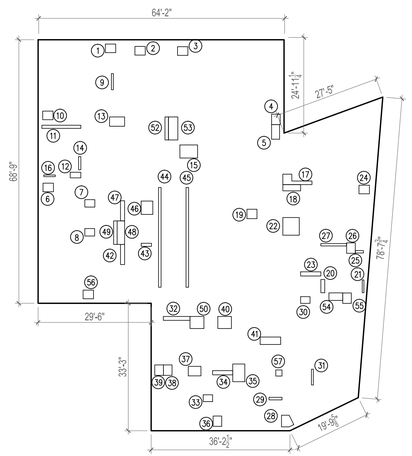
DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
53	M	3'-3" x 2'-8 3/4"	8.9
54	P	SEE PLAN	12.3
55	P	0'-8" x 5'-9 5/8"	3.9
56	M	1'-5 3/4" x 4'-8 3/8"	6.9
57	P	0'-11 3/4" x 3'-0 7/8"	3.0
58	M	4'-3 5/8" x 4'-7 1/2"	19.9
59	P	1'-3 7/8", 0'-8"	0.9
60	–	NOT USED	0
61	M	5'-1 1/2" x 1'-9 1/4"	10.7
62	M	3'-8 3/8" x 3'-1 1/2"	11.6
63	M	5'-11 3/4" x 1'-11 1/2"	11.7
64	P	SEE PLAN	14.3
65	P	3'-1 1/2" x 0'-8"	2.1
66	P	3'-5 3/8" x 0'-3 1/2"	1.0
67	M	2'-7 1/2" x 4'-4 7/8"	11.6
68	P	0'-8" x 4'-4 7/8"	2.9
69	M	1'-5 3/4" x 2'-7 1/2"	3.9
TOTAL			452.7

37TH – 38TH FL RES ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
37TH FL	7,362	452.7	6,909
38TH FL	7,332	452.7	6,879

39TH FLOOR PLAN



39TH FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
39TH FL GROSS	7302

DEDUCTIONS

NO.	TYPE	DIMENSIONS	AREA
1	M	2'-8 1/2" x 2'-3"	6.1
2	M	2'-8 1/2" x 2'-3"	6.1
3	M	2'-8 1/2" x 2'-3"	6.1
4	M	2'-3 1/8" x 2'-8 1/2"	6.1
5	M	2'-1" x 3'-9 7/8"	8.0
6	M	2'-8 1/2" x 2'-3"	6.1
7	M	2'-6 7/8" x 1'-11 1/2"	5.0
8	M	2'-7 1/2" x 1'-11 1/2"	5.1
9	P	0'-6" x 4'-2 3/4"	2.1
10	M	2'-8 1/2" x 2'-3"	6.1
11	P	10'-2" x 0'-9 7/8"	8.4
12	M	2'-9 1/2" x 1'-5 3/4"	4.1
13	M	3'-11 1/4" x 2'-5 1/8"	9.6
14	P	0'-7 1/4" x 3'-5 1/4"	2.1
15	M	4'-7 3/8" x 3'-5 1/4"	15.9
16	P	3'-0" x 0'-5"	1.2
17	P	SEE PLAN	11.2
18	M	4'-7 3/4" x 1'-7 3/4"	7.6
19	M	2'-7 1/2" x 2'-5 1/2"	6.5
20	P	1'-0 1/2", 3'-5 1/4"	3.5
21	P	0'-5", 3'-4"	1.4
22	M	4'-3 5/8" x 4'-7 1/2"	19.9
23	P	5'-3 1/2" x 1'-1"	5.7
24	M	2'-8 1/2" x 2'-3"	6.1
25	P	2'-1 1/2" x 0'-7 1/2"	1.3
26	M	2'-3" x 2'-8 1/2"	6.1
27	P	6'-11" x 0'-7 1/2"	4.1
28	M	SEE PLAN	7.8
29	P	3'-4 3/4" x 0'-8"	2.3
30	M	2'-5 1/2", 1'-9"	4.3
31	P	0'-6" x 4'-1 1/8"	2.0
32	M	6'-11 1/2" x 1'-0"	7
33	M	2'-1 1/2" x 1'-7 1/2"	4.4
34	P	5'-3" x 1'-1"	5.7
35	P	3'-2" x 4'-7 1/2"	14.6
36	M	2'-3" x -2'-8 1/2"	6.1
37	M	3'-3 3/4" x 2'-5 1/2"	8.1
38	M	2'-3" x 2'-8 1/2"	6.1
39	M	2'-3" x 2'-8 1/2"	6.1
40	M	3'-6 1/2" x 3'-1 1/2"	11.1
41	M	5'-4 1/8" x 1'-11 1/2"	10.5
42	P	1'-1" x 5'-3"	5.7
43	P	2'-8 1/8" x 0'-9 1/2"	2.1
44		0'-8" x 26'-0"	17.3
45		0'-8" x 26'-0"	17.3
46	M	3'-0 5/16" x 3'-4"	10.6
47	M	0'-11 1/2" x 5'-3"	5.7
48	M	1'-11 1/2" x 6'-1 1/2"	12.0
49	P	0'-11" x 6'-1 1/2"	5.6
50	M	3'-7 1/2" x 3'-1 1/2"	11.3
51	–	NOT USED	0
52	P	0'-11" x 6'-0"	5.4
53	M	2'-5 1/2" x 6'-0"	14.8
54	M	3'-7" x 1'-11 1/2"	7.0
55	M	2'-3" x 2'-8 1/2"	6.1
56	M	2'-8 1/2" x 2'-3"	6.1
57	P	1'-7 1/2" x 1'-7"	2.6

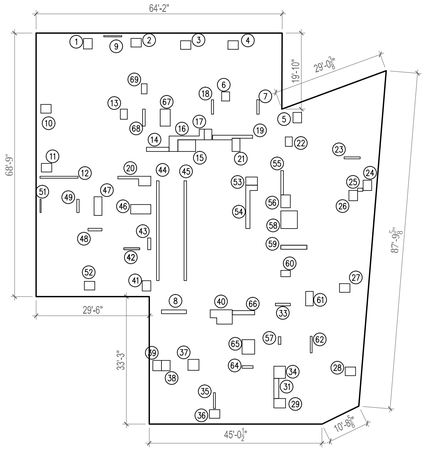
DEDUCTIONS (CONTIN.)

TOTAL			397.3

39TH FL RES ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
39TH	7302	397.3	6,904

30TH FLOOR PLAN



30TH FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
30TH FL GROSS	7563.1

DEDUCTIONS

NO.	TYPE	DIMENSIONS	AREA
1	M	2'-3" x 2'-8 1/2"	6.1
2	M	2'-8 1/2" x 2'-3"	6.1
3	M	2'-8 1/2" x 2'-3"	6.1
4	M	2'-8 1/2" x 2'-3"	6.1
5	M	2'-3" x 2'-8 1/2"	6.1
6	M	2'-0 3/4" x 2'-4 1/4"	4.9
7	P	0'-7 1/4" x 3'-9 1/8"	2.3
8	M	6'-6 1/4" x 1'-0"	6.5
9	P	4'-8 3/8" x 0'-4"	1.6
10	M	2'-8 1/2" x 2'-3"	6.1
11	M	2'-8 1/2" x 2'-3"	6.1
12	P	9'-11" x 0'-6"	5.0
13	M	1'-9 3/4" x 2'-7 1/2"	4.8
14	P	5'-10 1/2" x 1'-1"	6.4
15	M	4'-7 3/8" x 3'-0 1/4"	13.9
16	P	SEE PLAN	18.5
17	M	1'-11 1/2" x 2'-9 1/2"	5.4
18	P	0'-6 3/4" x 3'-9 1/4"	2.1
19	P	SEE PLAN	10.4
20	P	SEE PLAN	11.4
21	M	2'-0 3/4" x 3'-5 3/8"	7.1
22	M	1'-9 1/2" x 2'-5 1/2"	4.4
23	P	4'-2 1/4" x 0'-6"	2.1
24	M	2'-3" x 2'-8"	6.1
25	P	1'-4 3/8" x 0'-10"	1.1
26	M	2'-3" x 2'-8 1/2"	6.1
27	M	2'-8 1/2" x 2'-3"	6.1
28	M	2'-8 1/2" x 2'-3"	6.1
29	M	3'-0 3/4" x 2'-5 1/2"	7.5
30	–	NOT USED	
31	P	1'-3 3/8" x 5'-3"	6.8
32	–	NOT USED	
33	P	3'-10 3/4", 0'-8"	2.6
34	M	3'-0 3/8" x 3'-2"	9.6
35	P	0'-6" x 4'-1 3/4"	2.1
36	M	2'-8 1/2" x 2'-3"	6.1
37	M	2'-10 1/4" x 2'-10"	8.1
38	M	2'-3" x 2'-8 1/2"	6.1
39	M	2'-3" x 2'-8 1/2"	6.1
40	M	SEE PLAN	18.7
41	M	2'-3" x 2'-8 1/2"	6.1
42	P	4'-1 1/2" x 0'-6"	2.0
43	P	0'-10" x 3'-1"	2.6
44		0'-8" x 26'-0"	17.3
45		0'-8" x 26'-0"	17.3
46	M	5'-3" x 2'-5 1/2"	12.9
47	M	2'-0 3/4" x 4'-10 3/8"	10.0
48	P	3'-7 1/2" x 0'-8"	2.4
49	P	0'-7 1/4" x 3'-5 3/8"	2.1
50	–	NOT USED	
51	P	0'-3 1/2" x 3'-5 3/8"	1.0
52	M	2'-8 1/2" x 2'-3"	6.1

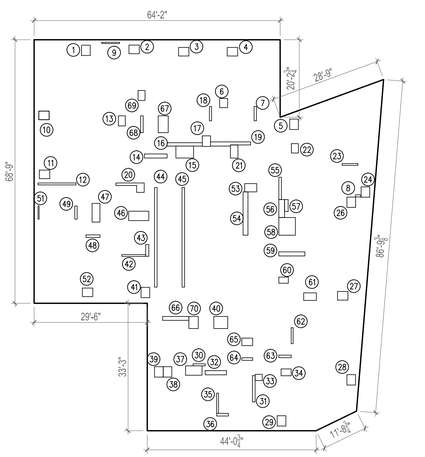
DEDUCTIONS (CONTIN.)

NO.	TYPE	DIMENSIONS	AREA
53	P	3'-8 3/4" x 2'-2 1/8"	6.6
54	P	SEE PLAN	15.2
55	P	0'-8" x 6'-4"	4.2
56	M	2'-5 1/2" x 3'-4"	8.2
57	P	0'-8" x 2'-0"	1.3
58	M	4'-3 5/8" x 4'-7 1/2"	19.9
59	P	6'-9 1/2" x 1'-1"	7.4
60	M	2'-5 3/4" x 1'-7 1/2"	4.0
61	M	1'-11 1/2" x 3'-9 1/8"	7.4
62	P	0'-6" x 4'-3 7/8"	2.2
63	–	NOT USED	
64	P	2'-10 1/2" x 0'-8"	1.9
65	M	3'-3 1/2" x 3'-9 1/2"	12.5
66	P	5'-10" x 1'-1"	6.3
67	M	2'-7 1/2" x 4'-4 7/8"	11.6
68	P	0'-8" x 4'-4 7/8"	2.9
69	M	1'-5 3/4" x 2'-7 1/2"	3.9
TOTAL			443.8

30TH FL RES ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
30TH FL	7,563	443.8	7,119

31ST THROUGH 36TH FLOOR PLAN



31ST FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)	
31ST FL GROSS	7,537
32ND–36TH GROSS FA[1](SQ.FT.)–(NOT SHOWN) FLOOR AREA (SQ.FT.)	
32ND FL GROSS	7,508
33RD FL GROSS	7,479
34TH FL GROSS	7,450
35TH FL GROSS	7,421
36TH FL GROSS	7,392

DEDUCTIONS (FLRS 31–36 SAME)

NO.	TYPE	DIMENSIONS	AREA
1	M	2'-3" x 2'-8 1/2"	6.1
2	M	2'-8 1/2" x 2'-3"	6.1
3	M	2'-8 1/2" x 2'-3"	6.1
4	M	2'-8 1/2" x 2'-3"	6.1
5	M	2'-3" x 2'-8 1/2"	6.1
6	M	2'-0 3/4" x 2'-4 1/4"	4.9
7	P	0'-7 1/4" x 3'-9 1/8"	2.3
8	P	1'-4 5/8" x 0'-6 5/8"	0.8
9	P	4'-8 1/8" x 0'-4"	1.6
10	M	2'-8 1/2" x 2'-3"	6.1
11	M	2'-8 1/2" x 2'-3"	6.1
12	P	9'-11" x 0'-6"	5.0
13	M	1'-9 3/4" x 2'-7 1/2"	4.8
14	P	5'-10 1/2" x 1'-1"	6.4
15	M	4'-7 3/8" x 3'-1 1/4"	14.4
16	P	4'-2 1/4" x 0'-6"	2.1
17	M	2'-3" x 2'-8"	6.1
18	P	1'-4 3/8" x 0'-10"	1.1
19	P	0'-6" x 4'-1 3/4"	2.1
20	M	2'-3" x 2'-8 1/2"	6.1
21	M	2'-8 1/2" x 2'-3"	6.1
22	M	2'-8 1/2" x 2'-3"	6.1
23	P	3'-0" x 0'-6 1/2"	1.7
24	P	0'-7 7/8" x 6'-10 1/2"	4.9
25	P	5'-6 3/4" x 1'-1"	6.0
26	P	1'-10 1/2" x 1'-7 3/8"	3.0
27	M	2'-7 3/4" x 1'-9 1/4"	4.7
28	P	0'-6" x 5'-3 1/8"	2.6
29	M	3'-1" x 0'-8 3/8"	2.2
30	M	4'-3 1/2" x 2'-5 1/2"	10.6
31	M	2'-3" x 2'-8 1/2"	6.1
32	M	2'-3" x 2'-8 1/2"	6.1
33	M	3'-1 3/4" x 2'-1 3/4"	6.7
34	P	1'-3 1/2" x 11'-3 3/4"	14.6
35	P	0'-8" x 5'-9 5/8"	3.9
36	M	1'-5 3/4" x 4'-8 3/8"	6.9
37	P	0'-11 1/8" x 3'-1 1/2"	2.9
38	M	4'-3 5/8" x 4'-7 1/2"	19.9
39	P	6'-9 1/2" x 1'-1"	7.4
40	M	2'-5 3/4" x 1'-7 1/2"	4.0
41	M	3'-3 1/2" x 1'-11 5/8"	6.5
42	P	0'-6" x 4'-2"	2.1
43	P	3'-3 3/4" x 0'-8"	2.2
44	M	2'-9 3/4" x 0'-8 1/8"	1.9
45	M	2'-9 3/4" x 1'-11 1/2"	5.5
46	M	6'-10 1/8" x 1'-0"	6.8
47	M	2'-7 1/2" x 4'-4 7/8"	11.6
48	P	0'-8" x 4'-4 7/8"	2.9
49	M	1'-5 3/4" x 2'-7 1/2"	4.8
50	M	2'-5 1/2" x 3'-1 1/2"	7.7
TOTAL			419.3

31ST – 36TH FL RES ZONING FA (SQ.FT.)

FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
31ST FL	7,537	419.3	7,117
32ND FL	7,508	419.3	7,089
33RD FL	7,479	419.3	7,060
34TH FL	7,450	419.3	7,031
35TH FL	7,421	419.3	7,002
36TH FL	7,392	419.3	6,972

DRAWING NOTES:

1. GROSS IS MEASURED TO OUTSIDE FACE OF GLASS OR EXTERIOR WALL AND MEASURED AT 0'–0" ABOVE TOP OF SLAB.

400PAS

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W ARCHITECTURE & LANDSCAPE ARCHITECTURE
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POOL AND FOUNTAIN
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LOW VOLTAGE
ESCC
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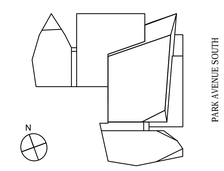
T: 212.400.9032

INTERIOR DESIGN
STEPHEN ALTON ARCHITECT, P.C.
1407 BROADWAY STREET
NEW YORK, NY 10018
T: 212.243.3315

NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:

GROSS FLOOR & AREA DEDUCTIONS

DRAWING NO:

Z-005.00

NYC DOB NO: 121181808

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:32 AM
NYC Development Hub

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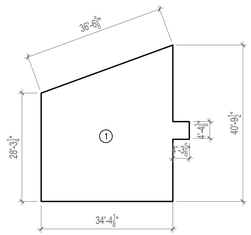
DEPT OF BLDGS121181808 Job Number
ES4089200780 Scan Code

42ND FLOOR PLAN

42ND FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)			
42ND FL GROSS			1,206
NO.	TYPE	DIMENSIONS	AREA
1	M	SEE PLAN	1,206
TOTAL			1,206

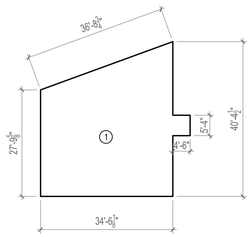
42ND FL RESIDENTIAL ZONING FA (SQ.FT.)			
FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
42ND FL	1,206	1,206	0

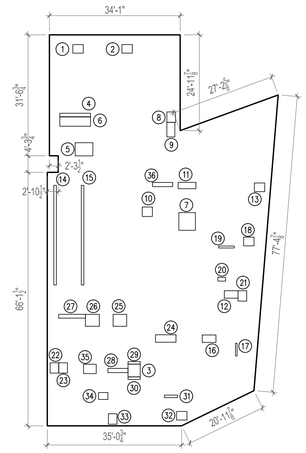


43RD FLOOR PLAN

43RD FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)			
43RD FL GROSS			1200
NO.	TYPE	DIMENSIONS	AREA
1	M	SEE PLAN	1200
TOTAL			1200

43RD FL RESIDENTIAL ZONING FA (SQ.FT.)			
FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
43RD FL	1200	1200	0

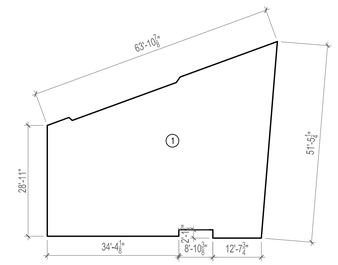




40TH FLOOR PLAN

40TH FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)			
40TH FL GROSS			5,206
NO.	TYPE	DIMENSIONS	AREA
1	M	2'-8 1/2" x 2'-3"	6.1
2	M	2'-8 1/2" x 2'-3"	6.1
3	M	3'-2" x 3'-4"	10.6
4	P	8'-0" x 0'-5 5/8"	7.4
5	M	4'-7 3/8" x 3'-5 1/4"	15.9
6	M	8'-0" x 2'-3"	19.7
7	M	4'-3 5/8" x 4'-7 1/2"	19.9
8	M	2'-3" x 2'-8 1/2"	6.1
9	M	2'-1" x 3'-9 7/8"	8.0
10	M	2'-7 1/2" x 2'-5 1/2"	6.5
11	M	4'-7 3/4" x 1'-6 3/4"	7.6
12	M	3'-7" x 1'-11 1/2"	7.0
13	M	2'-8 1/2" x 2'-3"	6.1
14		0'-8" x 26'-0"	17.3
15		0'-8" x 26'-0"	17.3
16	P	3'-7" x 1'-11 1/2"	7.0
17	P	0'-5" x 3'-4"	1.4
18	M	2'-8 1/2" x 2'-3"	6.1
19	P	4'-1" x 0'-6"	2.0
20	P	2'-0" x 1'-0"	2.0
21	M	2'-3" x 2'-8 1/2"	6.1
22	M	2'-3" x 2'-8 1/2"	6.1
23	M	2'-3" x 2'-8 1/2"	6.1
24	M	5'-4 1/8" x 1'-11 1/2"	10.5
25	M	3'-6 1/2" x 3'-1 1/2"	11.1
26	M	3'-7 1/2" x 3'-1 1/2"	11.3
27	M	6'-11 1/2" x 1'-0"	7.0
28	P	5'-3" x 1'-1"	5.7
29	P	3'-2" x 0'-8"	2.1
30	P	3'-2" x 0'-8"	2.1
31	P	3'-4 5/8" x 0'-8"	2.3
32	M	2'-8 1/2" x 2'-3"	6.1
33	M	2'-3" x 2'-8 1/2"	6.1
34	M	2'-5 1/2" x 1'-9 5/8"	4.4
35	M	3'-3 3/4" x 2'-5 1/2"	8.1
36	P	5'-3" x 1'-1"	5.7
TOTAL			274.7

40TH FL RESIDENTIAL ZONING FA (SQ.FT.)			
FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
40TH FL	5,206	269.0	4,937



41ST FLOOR PLAN

41ST FL GROSS FA[1] (SQ.FT.) – (LEFT) AREA (SQ.FT.)			
41ST FL GROSS			2,249
NO.	TYPE	DIMENSIONS	AREA
1	M	SEE PLAN	2,249
TOTAL			2,249

41ST FL RESIDENTIAL ZONING FA (SQ.FT.)			
FLOOR	GROSS FA	DEDUCTIONS	ZFA/FL
41ST FL	2,249	2,249	0

DRAWING NOTES:

1. GROSS IS MEASURED TO OUTSIDE FACE OF GLASS OR EXTERIOR WALL AND MEASURED AT 0'-0" ABOVE TOP OF SLAB.

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:32 AM
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400PAS

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NO.	DATE	ISSUANCE
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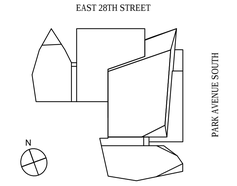
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
GROSS FLOOR & AREA DEDUCTIONS

DRAWING NO:
Z-006.00

NYC DOB NO: 121181808

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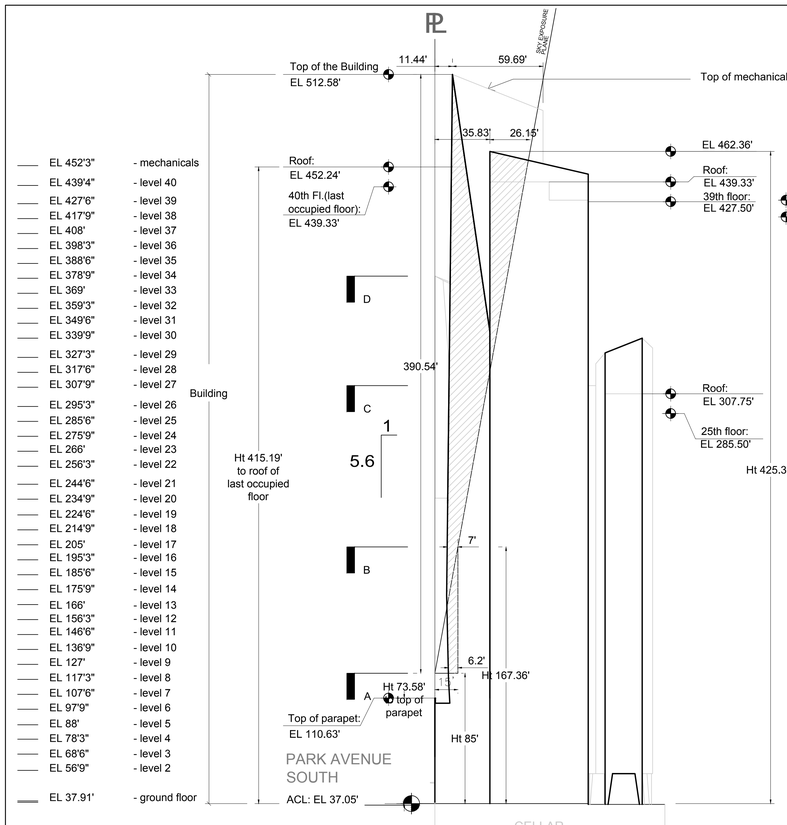
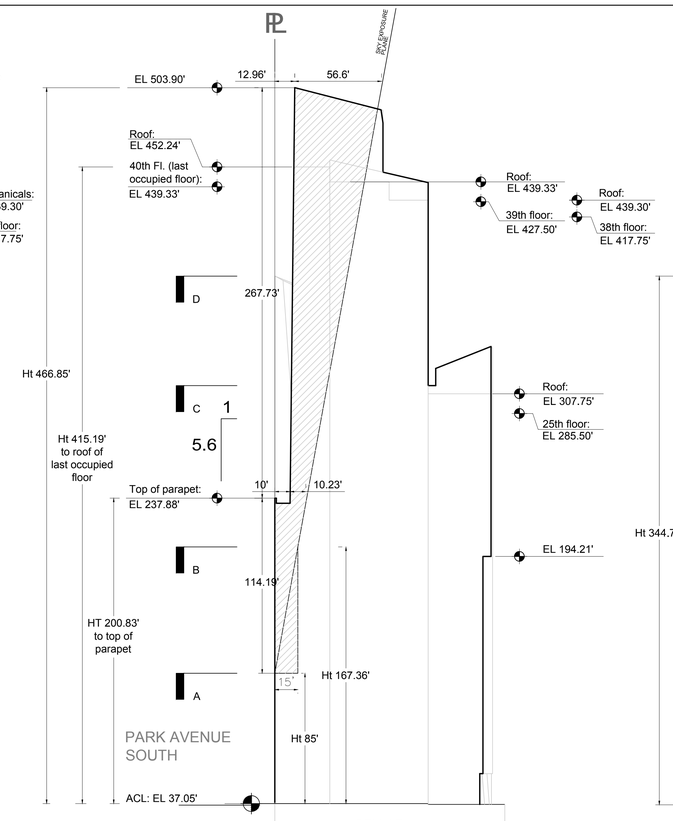
DEPT OF BLDGS 121181808 Job Number
ES8348141185 Scan Code



6 SECTION 6-6

SCALE: 1:50
NOTE: ALL ELEVATIONS ARE ABOVE MANHATTAN DATUM AS 0'-0"

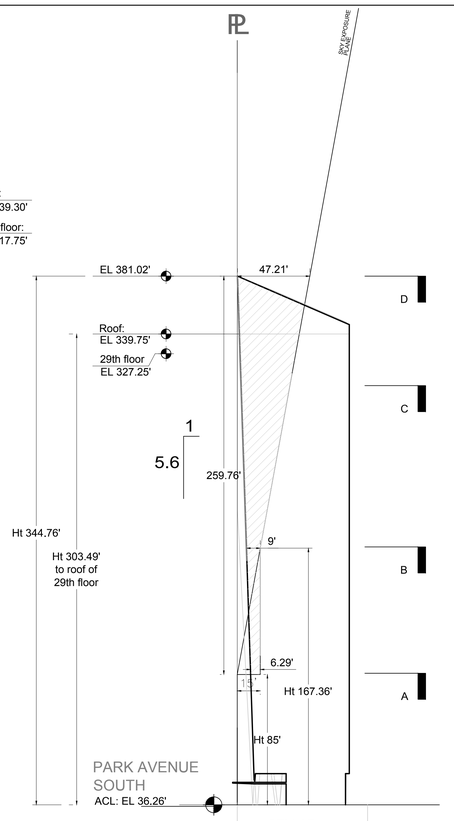
Section A



4 SECTION 4-4

SCALE: 1:50
NOTE: ALL ELEVATIONS ARE ABOVE MANHATTAN DATUM AS 0'-0"

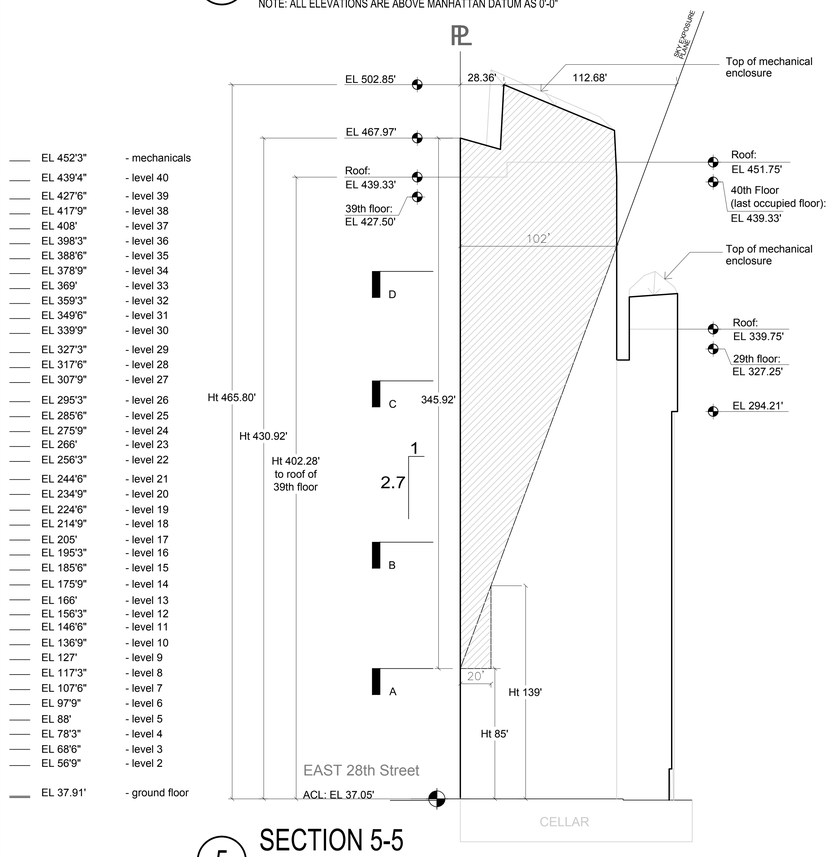
Section A1



2 SECTION 2-2

SCALE: 1:50
NOTE: ALL ELEVATIONS ARE ABOVE MANHATTAN DATUM AS 0'-0"

Section A2



5 SECTION 5-5

SCALE: 1:50
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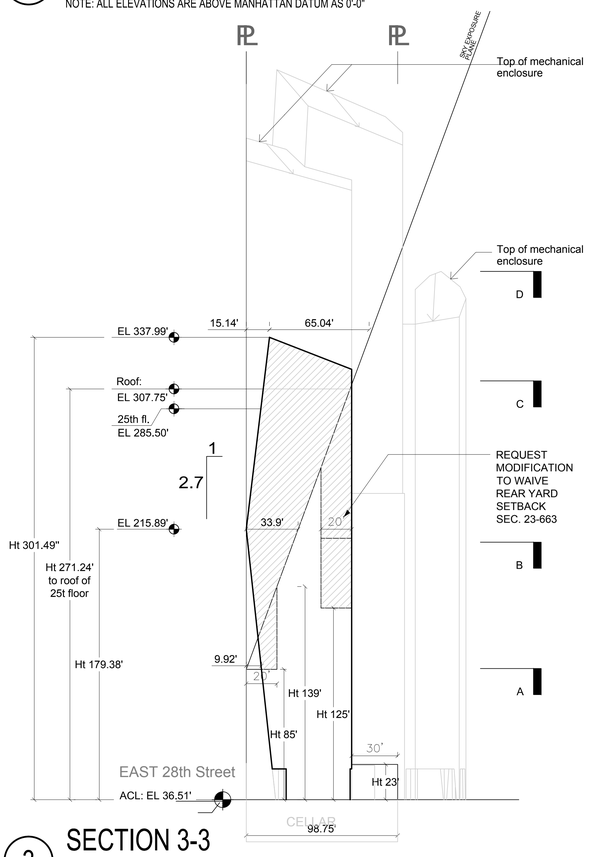
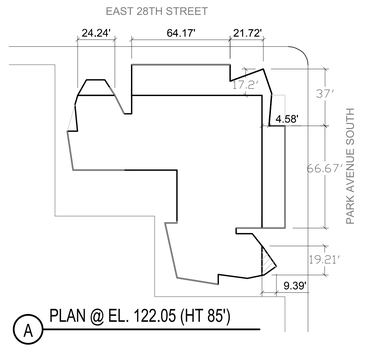
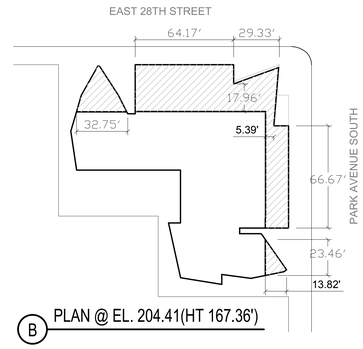


3 SECTION 3-3

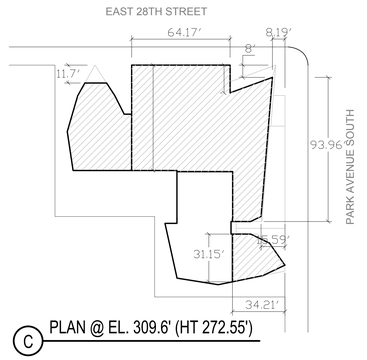
SCALE: 1:50
NOTE: ALL ELEVATIONS ARE ABOVE MANHATTAN DATUM AS 0'-0"



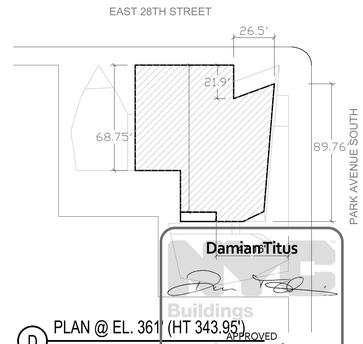
A PLAN @ EL. 122.05 (HT 85')



B PLAN @ EL. 204.41(HT 167.36')



C PLAN @ EL. 309.6' (HT 272.55')

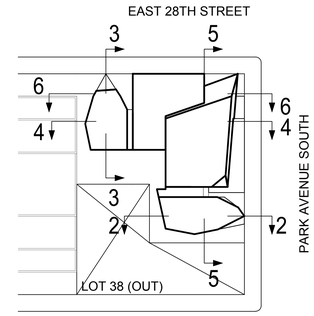


D PLAN @ EL. 361' (HT 343.95')

1 PLANS A THRU D

SCALE: NTS
NOTE: ALL ELEVATIONS ARE ABOVE MANHATTAN DATUM AS 0'-0"

KEY PLAN:



LEGEND/ABBREVIATIONS:

ACL = AVERAGE CURB LEVEL

EL = ACTUAL DISTANCE ABOVE MANHATTAN DATUM OF 0'-0"

HT = ACTUAL DISTANCE ABOVE ACL

= AREA OF NON-COMPLIANCE. EXTENT OF WAIVER REQUESTED SECTION 23-632

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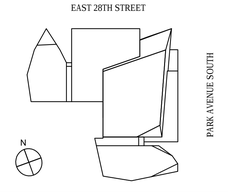
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019633-1 STATE OF NEW YORK

DRAWING TITLE:
HEIGHT AND SETBACK

DRAWING NO:
Z-007.00

NYC DOB NO: 121181808

DamianTitus
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:32 AM
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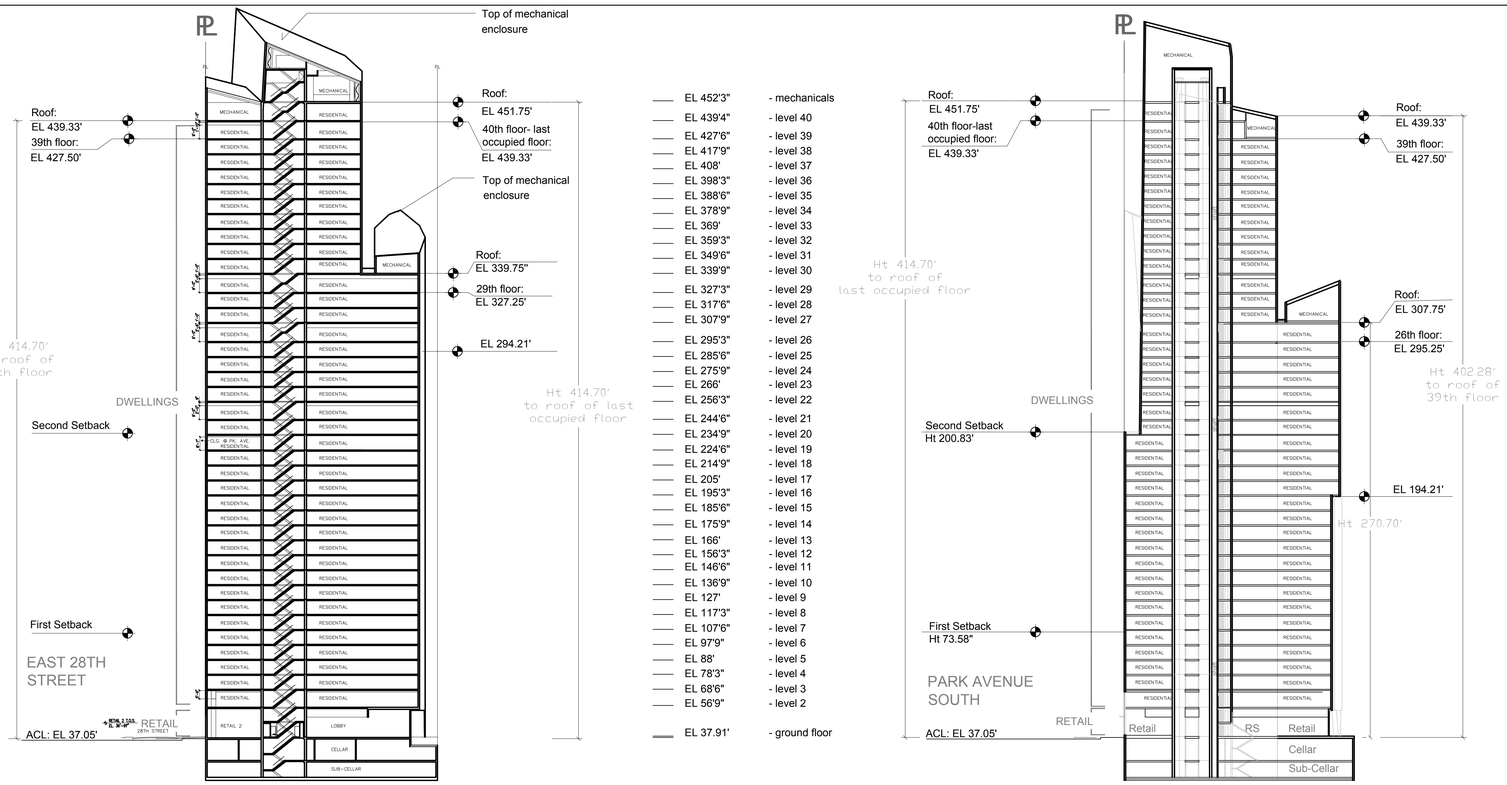
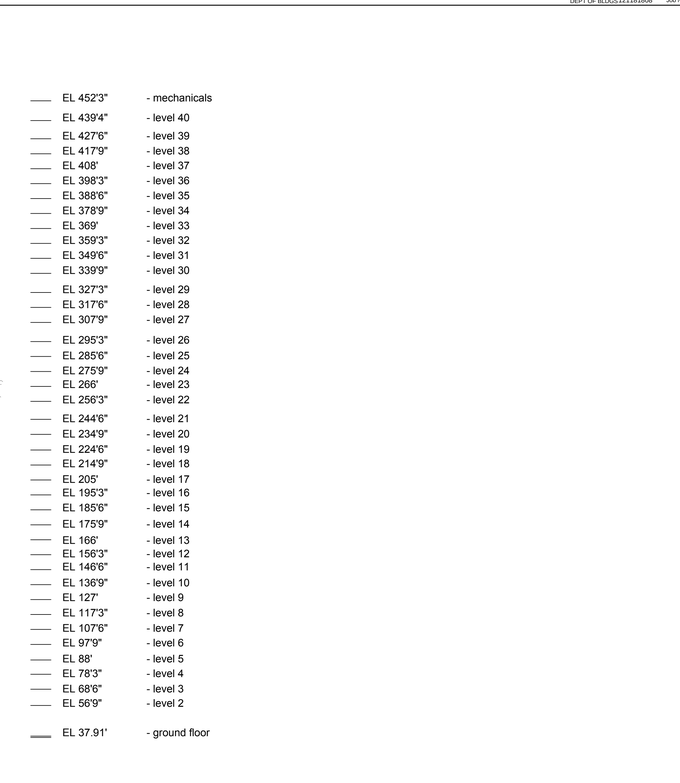
ES3192450223 Scan Code



6 SECTION 6-6 LOOKING EAST

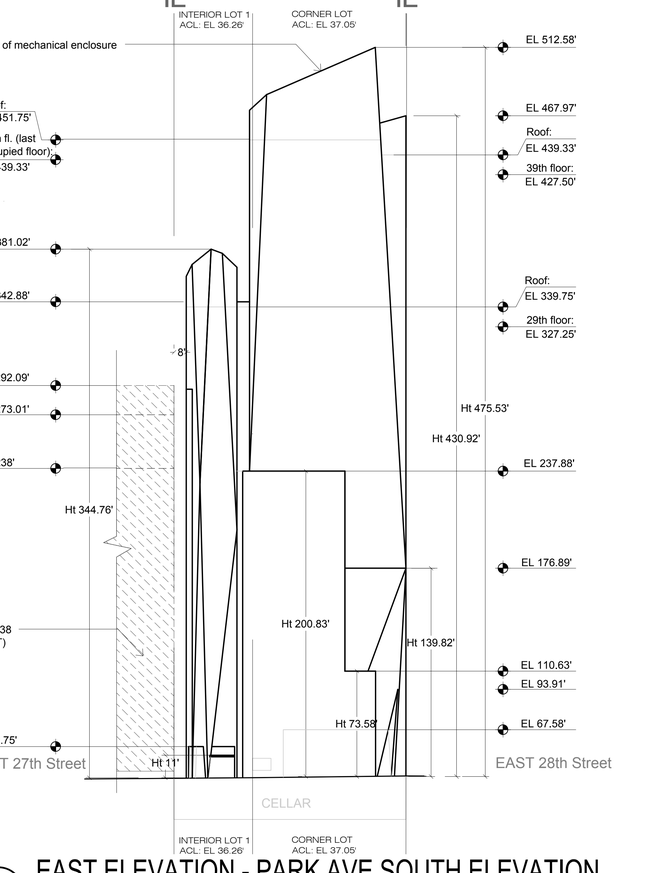
SCALE: 1:50



4 SECTION 4-4 LOOKING SOUTH

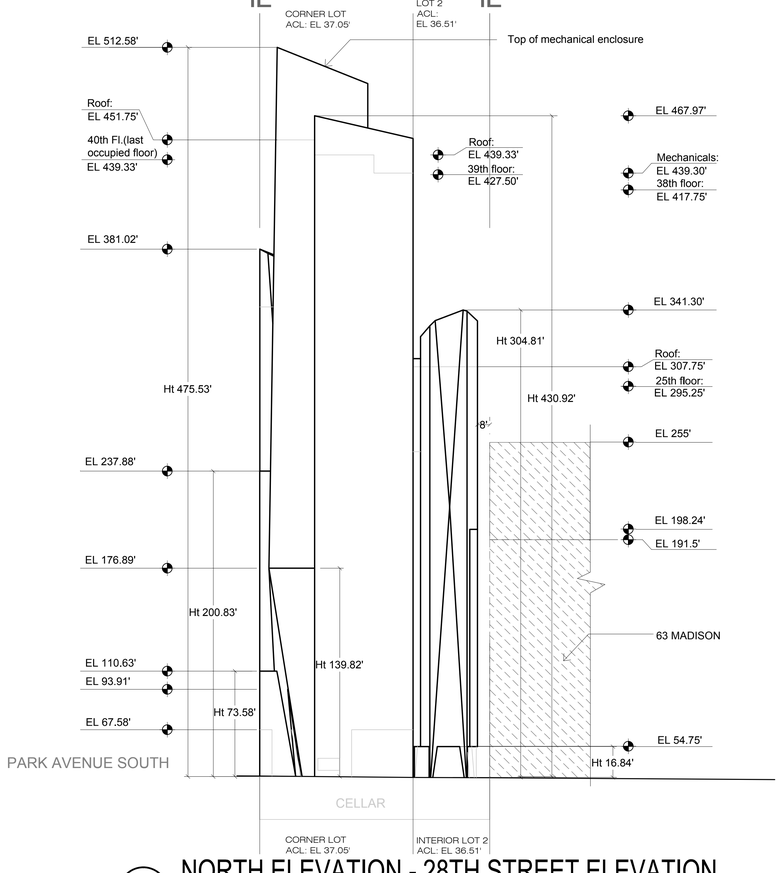
SCALE: 1:50

2 NOT USED



5 EAST ELEVATION - PARK AVE SOUTH ELEVATION

SCALE: 1:50

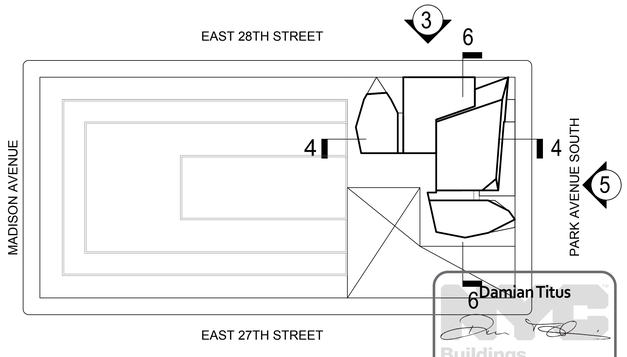


3 NORTH ELEVATION - 28TH STREET ELEVATION

SCALE: 1:50

KEY TO ABBREVIATIONS

ACL = AVERAGE CURB LEVEL
EL = ACTUAL DISTANCE ABOVE MANHATTAN DATUM OF 0'-0"
HT = ACTUAL DISTANCE ABOVE ACL
M or MECH = MECHANICAL ROOM
RS = RESIDENTIAL SUPPORT
SE = SUBWAY ENTRY



1 KEY PLAN

NTS

Damian Titus

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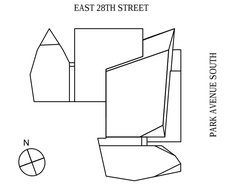
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 010933-1 STATE OF NEW YORK

DRAWING TITLE:
BUILDING SECTIONS AND ELEVATIONS

DRAWING NO:
Z-008.00

NYC DOB NO: 121181808

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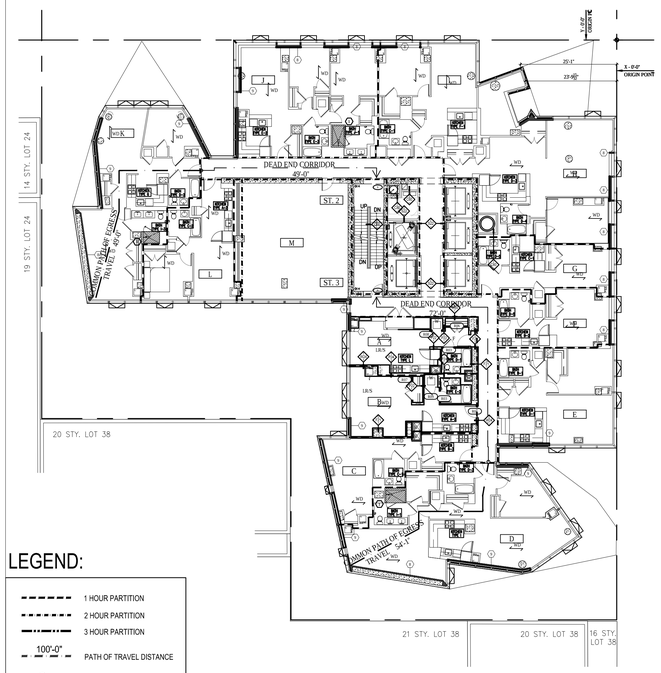
DEPT OF BLDGS 121181808 Job Number
E-367518169 Scan Code



LEGEND:

- 1 HOUR PARTITION
- 2 HOUR PARTITION
- 3 HOUR PARTITION
- 100'-0" PATH OF TRAVEL DISTANCE
- DIRECTIONAL SIGN
- EXIT SIGN
- 53 P SPACE DESIGNATION
- XX-X DOOR NUMBER

4 SECOND FLOOR

SCALE: 1/16"= 1'-0"

2ND FLOOR EGRESS, LIGHT AND VENTILATION

ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
STUDIO	209	R-2	200	1	20	56	10	48
BEDROOM	262	R-2	200	1	26	56	13	48
BEDROOM	211	R-2	200	1	21	40	10	24
BEDROOM	261	R-2	200	1	26	40	13	24
LIVING ROOM	313	R-2	200	1	31	140	15	34
BEDROOM	152	R-2	200	1	15	84	7	24
LIVING ROOM	250	R-2	200	1	25	196	12	48
BEDROOM	142	R-2	200	1	14	84	7	24
STUDIO	193	R-2	200	1	19	162	9	24
STUDIO	193	R-2	200	1	19	162	9	24
BEDROOM	187	R-2	200	1	18	162	9	22
LIVING ROOM	524	R-2	200	2	58	224	29	72
LIVING ROOM	217	R-2	200	1	21	140	11	48
BEDROOM	166	R-2	200	1	16	56	8	24
BEDROOM	193	R-2	200	1	19	41	10	24
BEDROOM	139	R-2	200	1	14	41	7	24
LIVING ROOM	236	R13	200	1	24	112	12	24
BEDROOM	138	R-2	200	1	14	84	7	10
LIVING ROOM	201	R-2	200	1	23	112	12	21
LIVING ROOM	293	R-2	200	1	29	112	15	48
LIVING ROOM	151	R-2	200	1	14	84	7	24
LIVING ROOM	163	R-2	200	1	18	84	9	24
MECH ROOM	855	R-2	300	2	-	-	-	-
TOTAL OCCUPANT LOAD:				25				

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING

NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

NOTE: BC 1016.3.4 DEAD ENDS

EXIT STAIRS PROVIDED

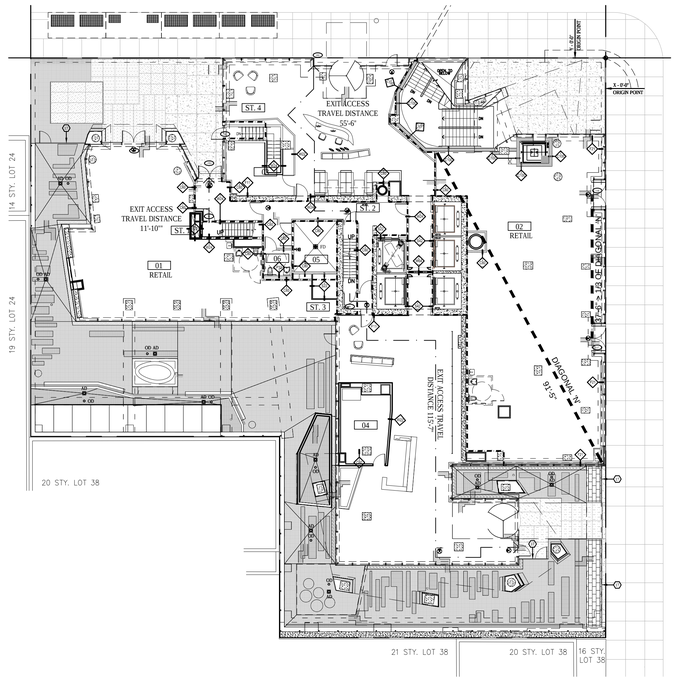
STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

3 GROUND FLOOR

SCALE: 1/16"= 1'-0"



GROUND FLOOR EGRESS, LIGHT AND VENTILATION

ROOM NAME	GROSS AREA SF	OCCUPANCY	GROSS AREA / OCUPANT	OCCUPANT LOAD	REMARKS
RETAIL	1926	M	30	66	
RETAIL	2990	M	30	100	
STORAGE	216	S-2	300	1	
STORAGE	269	S-2	300	1	
TRASH ROOM	176	S-2	300	N.S.	NON-SIMOLTNIUS
TOILET	61	S-2	300	N.S.	NON-SIMOLTNIUS
TOTAL OCCUPANT LOAD				168	

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
112	B		72"	0.2	360
117	B		72"	0.2	360
118	B		72"	0.2	360
TOTAL PROVIDED					1080

NOTE: BC TABLE 1005.1

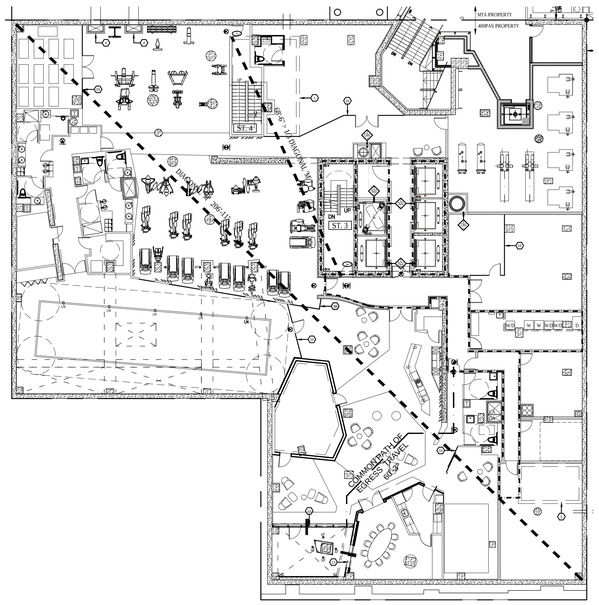
NOTE: BC TABLE 1014.1 OCCUPANT LOAD EXCEEDING 74 OCCUPANTS

NOTE: BC TABLE 1014.2.2 EXCEPTION (1/3 OF OVERALL DIAGONAL IN A FULLY SPRINKLERED BUILDING)

MINIMUM NUMBER OF PLUMBING FIXTURES REQUIRED

ROOM NAME	OCCUP. USE	# OF PERSONS		WATER CLOSETS	URINAL	LAV.	DRNK FOUNTN	SERV. SINK
RETAIL	M	66	MEN	1	-	1	1	1
			WOMEN	1	-	1		
RETAIL	M	100	MEN	1	-	1	1	1
			WOMEN	1	-	1		

NOTE: REFER TO NYC PLUMBING CODE TABLE 403-1



2 CELLAR

SCALE: 1/16"= 1'-0"

CELLAR EGRESS, LIGHT AND VENTILATION

ROOM NAME	GROSS AREA SF	NET AREA SF	OCCUPANCY	AREA / OCCUPANT	OCCUPANT LOAD	REMARKS
NOT USED	-	-	-	-	-	
BATHROOM	N/A	44	N/S	N/A	N.S.	
FOYER	N/A	350	A-3	7	N.S.	
KIDS ROOM	N/A	767	A-3	7	109	
GYM	N/A	1068	A-3	50	21	
NOT USED	-	-	-	-	-	
LOCKER RM	377	N/A	A-3	50	7	
STEAM	N/A	125	A-3	15	8	
NOT USED	-	-	-	-	-	
SPA	N/A	103	A-3	15	7	
POOL	840	N/A	A-3	50	17	
POOL DECK	1300	N/A	A-3	15	86	
YOGA	N/A	377	A-3	15	25	
GYM	N/A	1640	A-3	50	32	
CLUB BAR	N/A	1776	A-3	15	118	
THEATER	N/A	395	A-3	7	56	
CONF. RM.	N/A	365	A-3	15	24	
GARDEN	N/A	296	A-3	7	42	
PANTRY	N/A	104	A-3	200	1	
MEN RM.	N/A	61	N/S	N/A	N.S.	
WOMEN RM.	N/A	58	N/S	N/A	N.S.	
GOLF RM.	N/A	452	A-3	15	30	
WATER PMP.	373	N/A	S-2	300	1	
FIRE PUMP	440	N/A	S-2	300	1	
GAS METER	287	N/A	S-2	300	1	
LAUNDRY	305	N/A	S-2	200	2	
OFFICE	836	836	B	100	8	
HEAT EXCH.	1130	1130	S-2	300	4	
TOTAL OCCUPANT LOAD					600	
ACTUAL POSTED OCCUPANCY					292	

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

N.S. - NON SIMULTANEOUS OCCUPANT

NOTE: BC TABLE 1014.2.2 EXCEPTION (1/3 OF OVERALL DIAGONAL IN A FULLY SPRINKLERED BUILDING

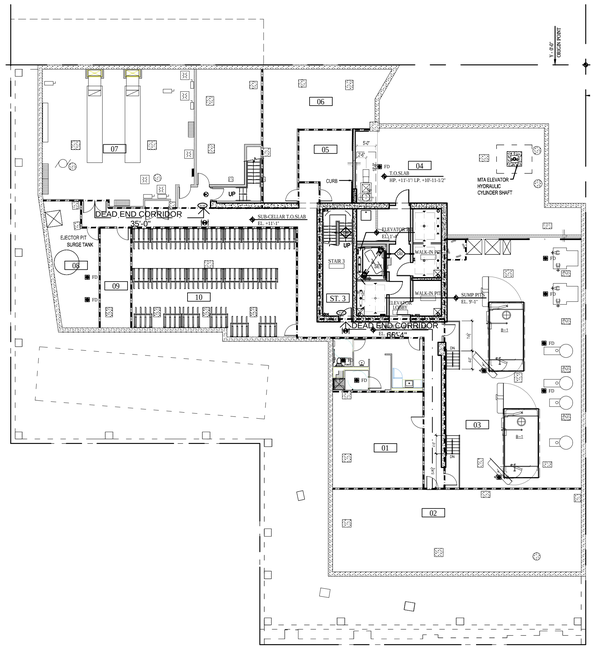
NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					



1 SUB-CELLAR

SCALE: 1/16"= 1'-0"

SUB-CELLAR EGRESS, LIGHT AND VENTILATION

ROOM NAME	GROSS AREA SF	OCCUPANCY	GROSS AREA / OCUPANT	OCCUPANT LOAD	REMARKS
MECH SHOP	600	S-2	300	2	
STORAGE	1406	S-2	300	4	
BOILER RM	2268	S-2	300	7	
TRASH RM	1303	S-2	300	4	
STORAGE	236	S-2	300	1	
STORAGE	672	S-2	300	2	
SWITCH GEAR	2050	S-2	300	7	
POOL FILTER	376	S-2	300	1	
STORAGE	215	S-2	300	1	
STORAGE	1174	S-2	300	4	
TOTAL OCCUPANT LOAD				33	

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

NOTE: BC 1016.3.4 DEAD ENDS

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

Damian Titus

NYC Buildings

APPROVED
Under Directive 2 of 1975

Date/Time: Aug 30, 2012 – 9:33 AM

NYC Development Hub

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401 S. WATER STREET
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T: 212.400.9032

INTERIOR DESIGN
STEPHEN ALTON ARCHITECT, P.C.
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NEW YORK, NY 10018
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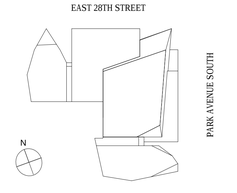
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/16"=1'-0"

PROJECT NO: 874

SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:

EGRESS, LIGHT AND VENTILATION SUMMARY

DRAWING NO:

A-020.00

NYC DOB NO: 121181808

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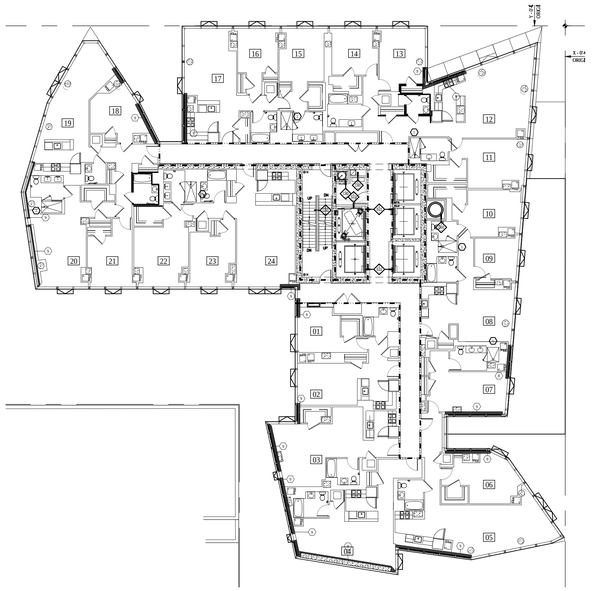
DEPT OF BLDGS 121181808 Job Number
ES0510340804 Scan Code



21ST THROUGH 22ND FLOOR EGRESS, LIGHT AND VENTILATION

ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 BEDROOM	130	R-2	200	1	13	56	7	24
02 LIVINGROOM	176	R-2	200	1	17	56	9	48
03 STUDIO	218	R-2	200	1	21	40	11	24
04 STUDIO	258	R-2	200	1	26	40	13	24
05 LIVING ROOM	301	R-2	200	1	30	140	15	48
06 BEDROOM	152	R-2	200	1	15	84	8	24
07 BEDROOM	148	R-2	200	1	15	84	8	10
08 LIVINGROOM	205	R-2	200	1	19	112	10	10
09 BEDROOM	127	R-2	200	1	13	84	7	10
10 BEDROOM	189	R-2	200	1	19	56	10	10
11 BEDROOM	189	R-2	200	1	20	84	10	10
12 LIVING ROOM	370	R-2	200	1	37	280	19	21
13 BEDROOM	185	R-2	200	1	20	146	10	24
14 BEDROOM	147	R-2	200	1	15	84	8	24
15 BEDROOM	209	R-2	200	1	20	84	10	48
16 BEDROOM	128	R-2	200	1	13	84	7	24
17 LIVING ROOM	257	R13	200	1	26	196	13	72
18 BEDROOM	147	R-2	200	1	15	56	8	24
19 LIVINGROOM	379	R-2	200	1	38	308	19	48
20 BEDROOM	241	R-2	200	1	24	84	12	48
21 BEDROOM	157	R-2	200	1	16	84	8	24
22 BEDROOM	208	R-2	200	1	20	84	10	24
23 BEDROOM	176	R-2	200	1	18	84	9	24
24 LIVING ROOM	326	R-2	200	1	32	84	16	48
TOTAL OCCUPANT LOAD				24				

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING

NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

NOTE: BC 1016.3.4 DEAD ENDS

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

LEGEND:

- 1 HOUR PARTITION
- 2 HOUR PARTITION
- 3 HOUR PARTITION
- 100'-0" PATH OF TRAVEL DISTANCE
- DIRECTIONAL SIGN
- EXIT SIGN
- SPACE DESIGNATION
- XX-X DOOR NUMBER

4 21ST - 22ND FLOORS
SCALE: 1/16"= 1'-0"

20TH FLOOR EGRESS, LIGHT AND VENTILATION

ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 BEDROOM	130	R-2	200	1	13	56	7	48
02 LIVINGROOM	176	R-2	200	1	17	56	9	48
03 STUDIO	324	R-2	200	1	33	40	17	24
04 STUDIO	259	R-2	200	1	26	40	13	24
05 LIVING ROOM	299	R-2	200	1	30	140	15	24
06 BEDROOM	149	R-2	200	1	15	84	8	24
07 BEDROOM	148	R-2	200	1	15	84	8	34
08 LIVINGROOM	195	R-2	200	1	19	112	10	34
09 BEDROOM	129	R-2	200	1	13	84	7	34
10 BEDROOM	191	R-2	200	1	19	56	10	34
11 BEDROOM	151	R-2	200	1	15	84	8	24
12 LIVING ROOM	375	R-2	200	1	37	280	19	72
13 BEDROOM	216	R-2	200	1	19	146	10	24
14 BEDROOM	137	R-2	200	1	15	84	8	24
15 BEDROOM	209	R-2	200	1	20	84	10	48
16 BEDROOM	128	R-2	200	1	13	84	7	24
17 LIVING ROOM	257	R13	200	1	26	196	13	72
18 BEDROOM	147	R-2	200	1	15	56	8	24
19 LIVINGROOM	380	R-2	200	1	30	308	15	48
20 BEDROOM	244	R-2	200	1	24	84	12	48
21 BEDROOM	157	R-2	200	1	16	84	8	24
22 BEDROOM	208	R-2	200	1	20	84	10	24
23 BEDROOM	158	R-2	200	1	16	84	8	24
24 LIVING ROOM	326	R-2	200	1	33	84	17	48
TOTAL OCCUPANT LOAD				24				

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING

NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

NOTE: BC 1016.3.4 DEAD ENDS

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

3 20TH FLOOR
SCALE: 1/16"= 1'-0"

7TH THROUGH 19TH FLOORS EGRESS, LIGHT AND VENTILATION

ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENT. (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 STUDIO	238	R-2	200	1	24	56	12	48
02 STUDIO	266	R-2	200	1	26	56	13	48
03 STUDIO	216	R-2	200	1	21	40	10	24
04 BEDROOM	262	R-2	200	1	26	40	13	24
05 LIVING ROOM	332	R-2	200	1	33	140	16	34
06 BEDROOM	166	R-2	200	1	16	84	8	24
07 LIVING ROOM	250	R-2	200	1	25	196	13	48
08 BEDROOM	142	R-2	200	1	14	84	7	24
09 STUDIO	220	R-2	200	1	22	84	11	48
10 BEDROOM	240	R-2	200	1	24	84	12	48
11 BEDROOM	214	R-2	200	1	17	112	11	24
12 LIVING ROOM	318	R-2	200	1	32	112	16	34 *
13 LIVING ROOM	242	R-2	200	1	24	196	12	22
14 BEDROOM	194	R-2	200	1	19	140	10	24
15 BEDROOM	168	R-2	200	1	17	84	9	24
16 LIVING ROOM	174	R-2	200	1	17	84	9	48
17 BED ROOM	136	R13	200	1	13	84	7	24
18 LIVINGROOM	246	R-2	200	1	24	196	12	48
19 BEDROOM	160	R-2	200	1	16	112	8	11
20 LIVING ROOM	255	R-2	200	1	28	112	14	21
21 BEDROOM	293	R-2	200	1	30	112	15	48
22 BEDROOM	152	R-2	200	1	13	84	7	24
23 LIVING ROOM	178	R-2	200	1	20	84	10	24
24 BEDROOM	169	R-2	200	1	17	84	9	24
25 LIVINGROOM	326	R-2	200	2	23	84	12	48
TOTAL OCCUPANT LOAD				26				

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING

NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

NOTE: BC 1016.3.4 DEAD ENDS

EXIT STAIRS PROVIDED

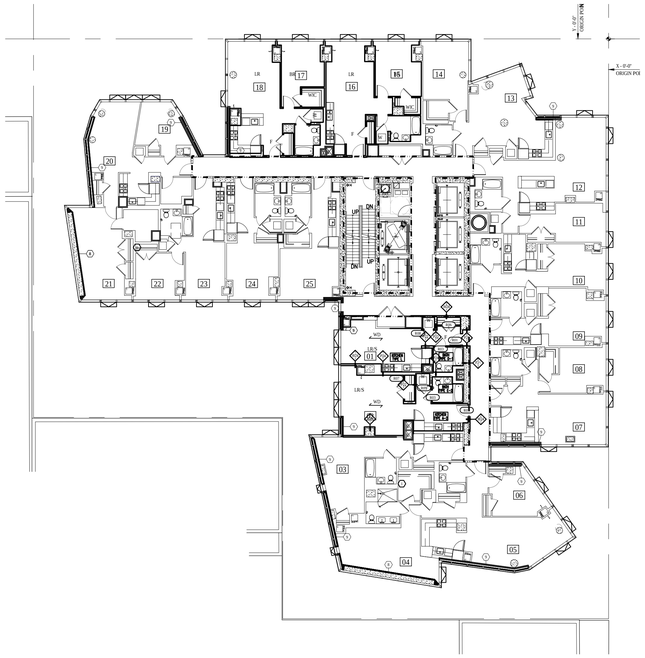
STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

★ - designates door used in calculations -windows used at other floors

1 7TH -19TH FLOORS
SCALE: 1/16"= 1'-0"



3RD THROUGH 6TH FLOORS EGRESS, LIGHT AND VENTILATION

ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 STUDIO	238	R-2	200	1	24	56	12	24
02 STUDIO	266	R-2	200	1	26	56	13	48
03 STUDIO	215	R-2	200	1	21	40	10	24
04 BEDROOM	263	R-2	200	1	26	40	13	24
05 LIVING ROOM	328	R-2	200	1	33	140	16	34
06 BEDROOM	159	R-2	200	1	16	84	8	24
07 LIVING ROOM	251	R-2	200	1	25	196	13	48
08 BEDROOM	143	R-2	200	1	17	84	9	24
09 STUDIO	204	R-2	200	1	20	162	10	24
10 STUDIO	170	R-2	200	1	17	162	9	24
11 BEDROOM	139	R-2	200	1	14	162	7	24
12 LIVING ROOM	300	R-2	200	1	30	224	15	33
13 LIVING ROOM	365	R-2	200	1	37	196	19	34
14 BEDROOM	194	R-2	200	1	19	140	9	24
15 BEDROOM	168	R-2	200	1	17	84	9	24
16 LIVING ROOM	174	R-2	200	1	30	84	15	48
17 BED ROOM	163	R13	200	1	16	84	8	24
18 LIVINGROOM	259	R-2	200	1	26	196	13	48
19 BEDROOM	150	R-2	200	1	15	112	8	24
20 LIVING ROOM	215	R-2	200	1	24	84	12	21
21 BEDROOM	293	R-2	200	1	29	112	15	24
22 BEDROOM	152	R-2	200	1	13	84	7	24
23 LIVING ROOM	162	R-2	200	1	18	84	9	24
24 STUDIO	186	R-2	200	1	19	84	10	124
25 STUDIO	205	R-2	200	1	20	84	10	48
TOTAL OCCUPANT LOAD				25				

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING

NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

NOTE: BC 1016.3.4 DEAD ENDS

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

Damian Titus
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:33 AM
NYC Development Hub

2 3RD - 6TH FLOORS
SCALE: 1/16"= 1'-0"

400PAS

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230 W 41ST STREET, 12TH FLOOR
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MEP ENGINEER

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FACADE MAINTENANCE

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POOL AND FOUNTAIN

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LOW VOLTAGE

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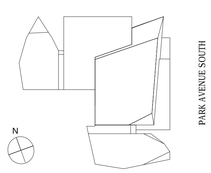
T: 212.400.9032

INTERIOR DESIGN

STEPHEN ALTON ARCHITECT, P.C.
1407 BROADWAY STREET
NEW YORK, NY 10018
T: 212.243.3315

NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019833-1 STATE OF NEW YORK

DRAWING TITLE:

EGRESS, LIGHT AND VENTILATION SUMARY

DRAWING NO:

A-021.00

NYC DOB NO: 121181808

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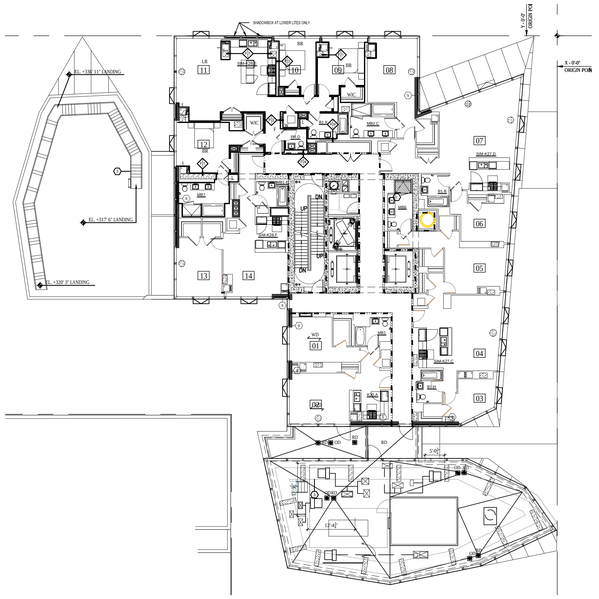
DEPT OF BLDGS 121181808 Job Number
ES1803620084 Scan Code



21ST THROUGH 22ND FLOOR LIGHT AND AIR								
ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 BEDROOM	164	R-2	200	1	16	56	8	24
02 LIVINGROOM	255	R-2	200	1	26	196	13	57
03 BEDROOM	130	R-2	200	1	13	140	7	10
04 BEDROOM	272	R-2	200	1	28	140	14	21
05 BEDROOM	205	R-2	200	1	20	84	10	10
06 BEDROOM	146	R-2	200	1	15	84	7	10
07 LIVINGROOM	502	R-2	200	2	50	336	25	31
08 BEDROOM	219	R-2	200	1	22	140	11	24
09 BEDROOM	163	R-2	200	1	16	84	8	24
10 BEDROOM	140	R-2	200	1	14	84	7	24
11 LIVINGROOM	505	R-2	200	2	50	280	25	72
12 BEDROOM	187	R-2	200	1	19	84	10	24
13 BEDROOM	200	R-2	200	1	20	84	12	24
14 LIVING ROOM	262	R-2	200	1	26	84	26	24
TOTAL OCCUPANT LOAD				16				
NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT								
NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING								
NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE								
NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL								
NOTE: BC 1016.3.4 DEAD ENDS								

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

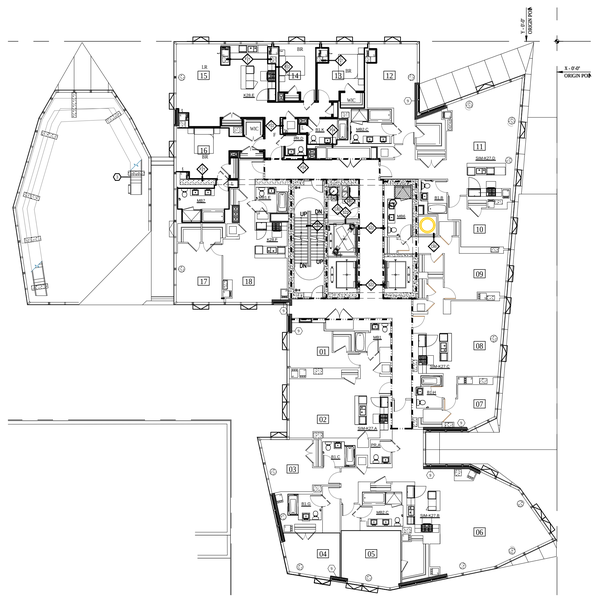
DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

LEGEND:

- 1 HOUR PARTITION
- 2 HOUR PARTITION
- 3 HOUR PARTITION
- 100'-0" PATH OF TRAVEL DISTANCE
- DIRECTIONAL SIGN
- EXIT SIGN
- S3 P SPACE DESIGNATION
- XX-X DOOR NUMBER

4 30TH FLOOR

SCALE: 1/16"= 1'-0"



21ST THROUGH 22ND FLOOR LIGHT AND AIR								
ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 BEDROOM	159	R-2	200	1	13	56	7	24
02 LIVINGROOM	290	R-2	200	1	29	84	15	24
03 BEDROOM	181	R-2	200	1	18	140	9	24
04 BEDROOM	167	R-2	200	1	17	140	9	24
05 BEDROOM	226	R-2	200	1	23	84	12	24
06 LIVINGROOM	608	R-2	200	1	62	336	31	58
07 BEDROOM	141	R-2	200	1	14	112	7	10
08 LIVINGROOM	281	R-2	200	1	28	140	14	21
09 BEDROOM	207	R-2	200	1	21	84	11	10
10 BEDROOM	148	R-2	200	1	15	84	8	10
11 LIVING ROOM	350	R-2	200	1	35	280	18	31
12 BEDROOM	219	R-2	200	1	22	140	11	24
13 BEDROOM	148	R-2	200	1	15	84	8	24
14 BEDROOM	131	R-2	200	1	13	84	7	24
15 LIVINGROOM	490	R-2	200	1	49	280	25	72
16 BEDROOM	187	R-1	201	1	19	196	10	24
17 BEDROOM	200	R-1	201	1	20	84	10	24
18 LIVINGROOM	262	R-1	201	1	26	84	13	24
TOTAL OCCUPANT LOAD				18				
NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT								
NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING								
NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE								
NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL								
NOTE: BC 1016.3.4 DEAD ENDS								

EXIT STAIRS PROVIDED

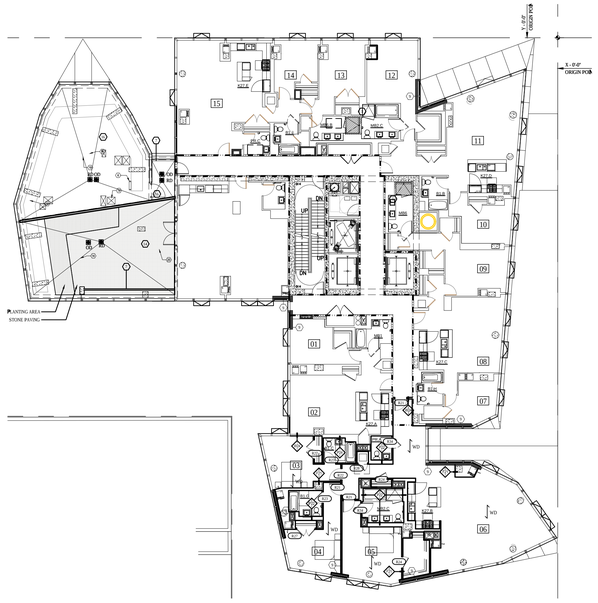
STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

3 28TH - 29TH FLOORS

SCALE: 1/16"= 1'-0"



21ST THROUGH 22ND FLOOR LIGHT AND AIR								
ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 BEDROOM	130	R-2	200	1	13	56	7	24
02 LIVINGROOM	268	R-2	200	1	27	84	9	24
03 BEDROOM	181	R-2	200	1	18	40	11	24
04 BEDROOM	167	R-2	200	1	17	40	13	24
05 BEDROOM	226	R-2	200	1	23	140	15	24
06 LIVINGROOM	620	R-2	200	1	62	168	8	10
07 BEDROOM	144	R-2	200	1	14	84	8	10
08 LIVINGROOM	278	R-2	200	1	28	112	10	21
09 BEDROOM	209	R-2	200	1	20	84	7	10
10 BEDROOM	150	R-2	200	1	15	56	10	10
11 LIVING ROOM	380	R-2	200	1	38	280	19	31
12 BEDROOM	217	R-2	200	1	21	280	19	24
13 BEDROOM	174	R-2	200	1	17	146	10	24
14 BEDROOM	146	R-2	200	1	15	84	8	24
15 LIVINGROOM	556	R-2	200	1	56	280	28	72
TOTAL OCCUPANT LOAD				15				
NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT								
NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING								
NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE								
NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL								
NOTE: BC 1016.3.4 DEAD ENDS								

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

2 27TH FLOOR

SCALE: 1/16"= 1'-0"

21ST THROUGH 22ND FLOOR LIGHT AND AIR								
ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 BEDROOM	130	R-2	200	1	13	56	7	24
02 LIVINGROOM	247	R-2	200	1	24	56	12	48
03 BEDROOM	184	R-2	200	1	18	40	9	24
04 BEDROOM	227	R-2	200	1	23	40	12	24
05 LIVING ROOM	389	R-2	200	1	39	196	20	48
06 BEDROOM	134	R-2	200	1	13	84	7	10
07 BEDROOM	188	R-2	200	1	19	84	10	10
08 LIVINGROOM	265	R-2	200	1	26	140	13	21
09 BEDROOM	161	R-2	200	1	17	84	9	10
10 BEDROOM	183	R-2	200	1	18	84	9	21
11 LIVING ROOM	438	R-2	200	1	44	280	22	31
12 BEDROOM	209	R-2	200	1	21	140	11	24
13 BEDROOM	169	R-2	200	1	17	84	9	24
14 LIVING ROOM	190	R-2	200	1	19	84	10	48
15 BEDROOM	136	R-2	200	1	14	84	7	24
16 LIVING ROOM	245	R-2	200	1	24	196	12	48
17 BEDROOM	146	R13	200	1	15	56	8	24
18 LIVINGROOM	343	R-2	200	1	34	308	16	72
19 BEDROOM	183	R-2	200	1	18	168	9	48
20 BEDROOM	144	R-2	200	1	14	84	7	24
21 LIVINGROOM	180	R-2	200	1	18	84	9	48
22 BEDROOM	143.	R-2	200	1	14	84	7	24
23 LIVING ROOM	325	R-2	200	1	32	84	16	48
TOTAL OCCUPANT LOAD				23				
NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT								
NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING								
NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE								
NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL								
NOTE: BC 1016.3.4 DEAD ENDS								

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:33 AM
NYC Development Hub

1 23RD - 26TH FLOORS

SCALE: 1/16"= 1'-0"

400PAS

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LIGHTING
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ACOUSTICAL
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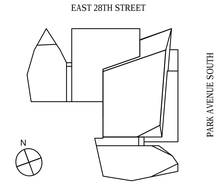
INTERIOR DESIGN
STEPHEN ALTON ARCHITECT, P.C.
1407 BROADWAY STREET
NEW YORK, NY 10018
T: 212.243.3315

NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
EGRESS, LIGHT AND VENTILATION SUMARY

DRAWING NO:
A-022.00

NYC DOB NO: 121181808

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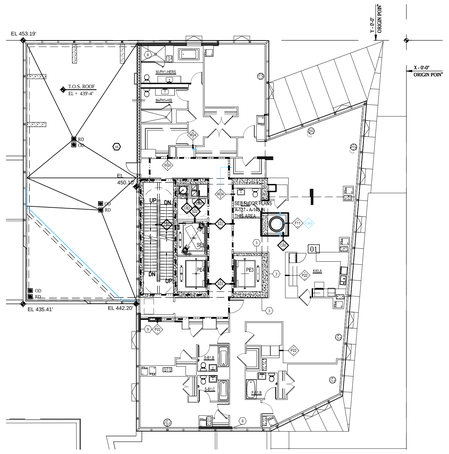
DEPT OF BLDGS121181808 Job Number
ES2468930SB Scan Code



31ST THROUGH 36TH FLOOR EGRESS, LIGHT AND VENTILATION

ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQUIRED. (SF.)	PROVIDED (SF.)	REQUIRED (SF.)	PROVIDED (SF.)
01 UNIT A	4109	R-2	200	20	N/A	N/A	N/A	N/A
TOTAL OCCUPANT LOAD				20				

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING

NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

NOTE: BC 1016.3.4 DEAD ENDS

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292

NOTE: TABLE 1005.1 NYC BUILDING CODE

EXIT DOORS PROVIDED

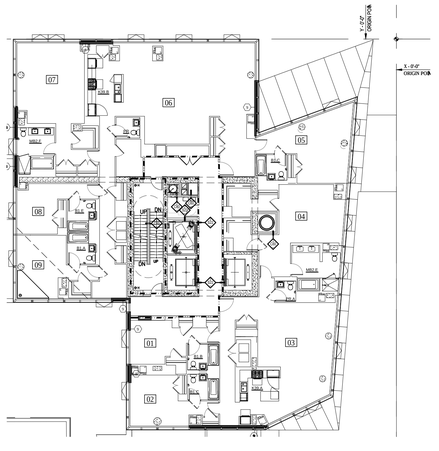
DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360

NOTE: TABLE 1005.1 NYC BUILDING CODE

LEGEND:

- 1 HOUR PARTITION
- 2 HOUR PARTITION
- 3 HOUR PARTITION
- 100'-0" PATH OF TRAVEL DISTANCE
- DIRECTIONAL SIGN
- EXIT SIGN
- 53 P SPACE DESIGNATION
- XX-X DOOR NUMBER

4 **40TH FLOORS**
SCALE: 1/16"= 1'-0"



37TH THROUGH 38TH FLOORS EGRESS, LIGHT AND VENTILATION

ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 BEDROOM	157	R-2	200	1	13	56	7	24
02 LIVINGROOM	211	R-2	200	1	25	196	13	48
03 BEDROOM	583	R-2	200	1	23	168	12	31
04 BEDROOM	257	R-2	200	1	35	140	13	10
05 BEDROOM	363	R-2	200	1	18	84	18	31
06 BEDROOM	832	R-2	200	1	14	84	42	96
07 LIVINGROOM	390	R-2	200	1	40	252	20	48
08 BEDROOM	145	R-2	200	1	22	140	11	24
09 BEDROOM	222	R-2	200	1	16	84	8	24
TOTAL OCCUPANT LOAD				9				

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING

NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

NOTE: BC 1016.3.4 DEAD ENDS

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292

NOTE: TABLE 1005.1 NYC BUILDING CODE

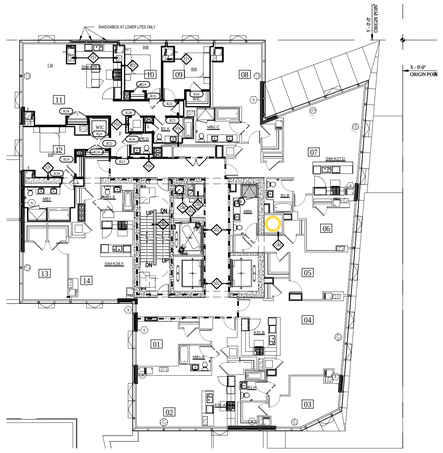
EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360

NOTE: TABLE 1005.1 NYC BUILDING CODE

3 **39TH FLOOR**
SCALE: 1/16"= 1'-0"

2 **37TH - 38TH FLOORS**
SCALE: 1/16"= 1'-0"



37TH THROUGH 38TH FLOORS EGRESS, LIGHT AND VENTILATION

ROOM NAME	AREA	OCCUPANCY	AREA / OCUPANT	OCCUPANT LOAD	LIGHT (10%)		VENTILATION (5%)	
					REQ. (SF.)	PROV. (SF.)	REQ. (SF.)	PROV. (SF.)
01 BEDROOM	130	R-2	200	1	15	56	8	24
02 LIVINGROOM	227	R-2	200	1	23	196	12	24
03 BEDROOM	218	R-2	200	1	22	168	11	21
04 BEDROOM	279	R-2	200	1	28	140	14	21
05 BEDROOM	207	R-2	200	1	21	84	10	10
06 BEDROOM	135	R-2	200	1	14	84	7	11
07 LIVINGROOM	328	R-2	200	1	33	280	17	31
08 BEDROOM	221	R-2	200	1	22	140	11	24
09 BEDROOM	162	R-2	200	1	16	84	8	24
10 BEDROOM	141	R-2	200	1	14	84	7	24
11 LIVINGROOM	327	R-2	200	1	34	196	17	48
12 BEDROOM	183	R-2	200	1	19	84	10	24
13 BEDROOM	199	R-2	200	1	20	196	10	24
14 LIVING ROOM	222	R-2	200	1	22	84	11	24
TOTAL OCCUPANCY LOAD				14				

NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT

NOTE: SECTION BC 1203 VENTILATION, SECTION BC 1205 LIGHTING

NOTE: BC TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

NOTE: BC 1013.3 COMMON PATH OF EGRESS TRAVEL

NOTE: BC 1016.3.4 DEAD ENDS

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292

NOTE: TABLE 1005.1 NYC BUILDING CODE

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360

NOTE: TABLE 1005.1 NYC BUILDING CODE

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NYC Buildings

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Under Directive 2 of 1975

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1 **31ST - 36TH FLOORS**
SCALE: 1/16"= 1'-0"

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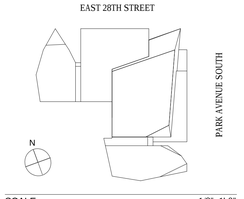
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
EGRESS, LIGHT AND VENTILATION SUMARY

DRAWING NO:
A-023.00

NYC DOB NO: 121181808

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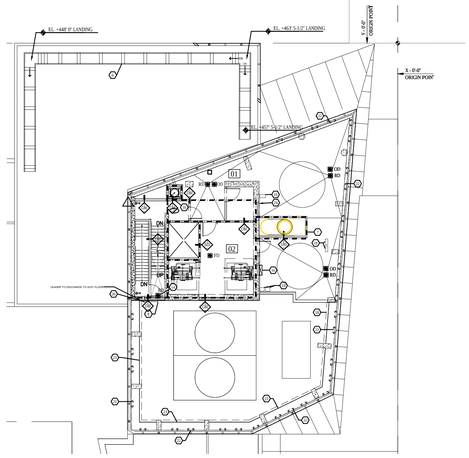
DEPT OF BLDGS121181808 Job Number
ES360580998 Scan Code



42ND FLOOR EGRESS

	NAME NAME	GROSS AREA SF.	OCCUPANCY	GROSS AREA / OCUPANT	OCCUPANT LOAD
01	FACADE MAINT.	169	S-2	300	1
02	ELEV. MACHINE RM	345	S-2	300	1
TOTAL OCCUPANT LOAD					2
NOTE: BC TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT					

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

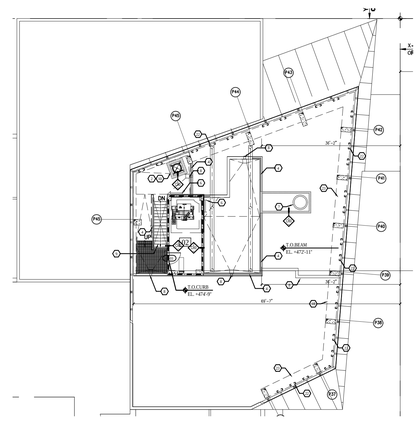
EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

LEGEND:

- 1 HOUR PARTITION
- 2 HOUR PARTITION
- 3 HOUR PARTITION
- 100'-0" PATH OF TRAVEL DISTANCE
- DIRECTIONAL SIGN
- EXIT SIGN
- 53 P SPACE DESIGNATION
- XX-X DOOR NUMBER

2 42ND FLOOR
SCALE: 1/16"= 1'-0"



PENTHOUSE FLOOR EGRESS

ROOM NAME	GROSS AREA SF.	OCCUPANCY	GROSS AREA / OCUPANT	OCCUPANT LOAD	REMARKS
ELEV. MACHINE ROOM	172	S-2	300	1	
TOTAL OCCUPANT LOAD				1	
NOTE: TABLE BC 1004.1.2					

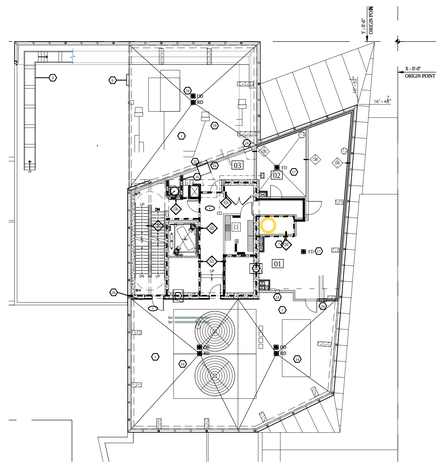
EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

3 PENTHOUSE FLOOR
SCALE: 1/16"= 1'-0"



41ST FLOOR EGRESS

ROOM NAME	GROSS AREA SF.	OCCUPANCY	GROSS AREA / OCUPANT	OCCUPANT LOAD	REMARKS
01 PLUMBING RM	659	S-2	300	1	
02 FIRE PUMP RM	209	S-2	300	1	
03 STORAGE	146	S-2	300	1	
TOTAL OCCUPANT LOAD				3	
NOTE: TABLE BC 1004.1.2					

EXIT STAIRS PROVIDED

STAIR	WIDTH	EXIT UNITS	CAPACITY
1	44"	0.3	146
2	44"	0.3	146
TOTAL PROVIDED			292
NOTE: TABLE 1005.1 NYC BUILDING CODE			

EXIT DOORS PROVIDED

DOOR	TYPE	DOOR RATING	WIDTH	EXIT UNITS	CAPACITY
1	B	1½ HR FSPC	36"	0.2	180
2	B	1½ HR FSPC	36"	0.2	180
TOTAL PROVIDED					360
NOTE: TABLE 1005.1 NYC BUILDING CODE					

1 41ST FLOOR
SCALE: 1/16"= 1'-0"

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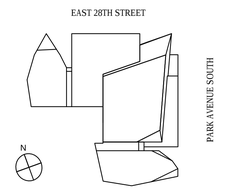
KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
CODE & EGRESS SUMMARY

DRAWING NO:
A-024.00

NYC DOB NO: 121181808

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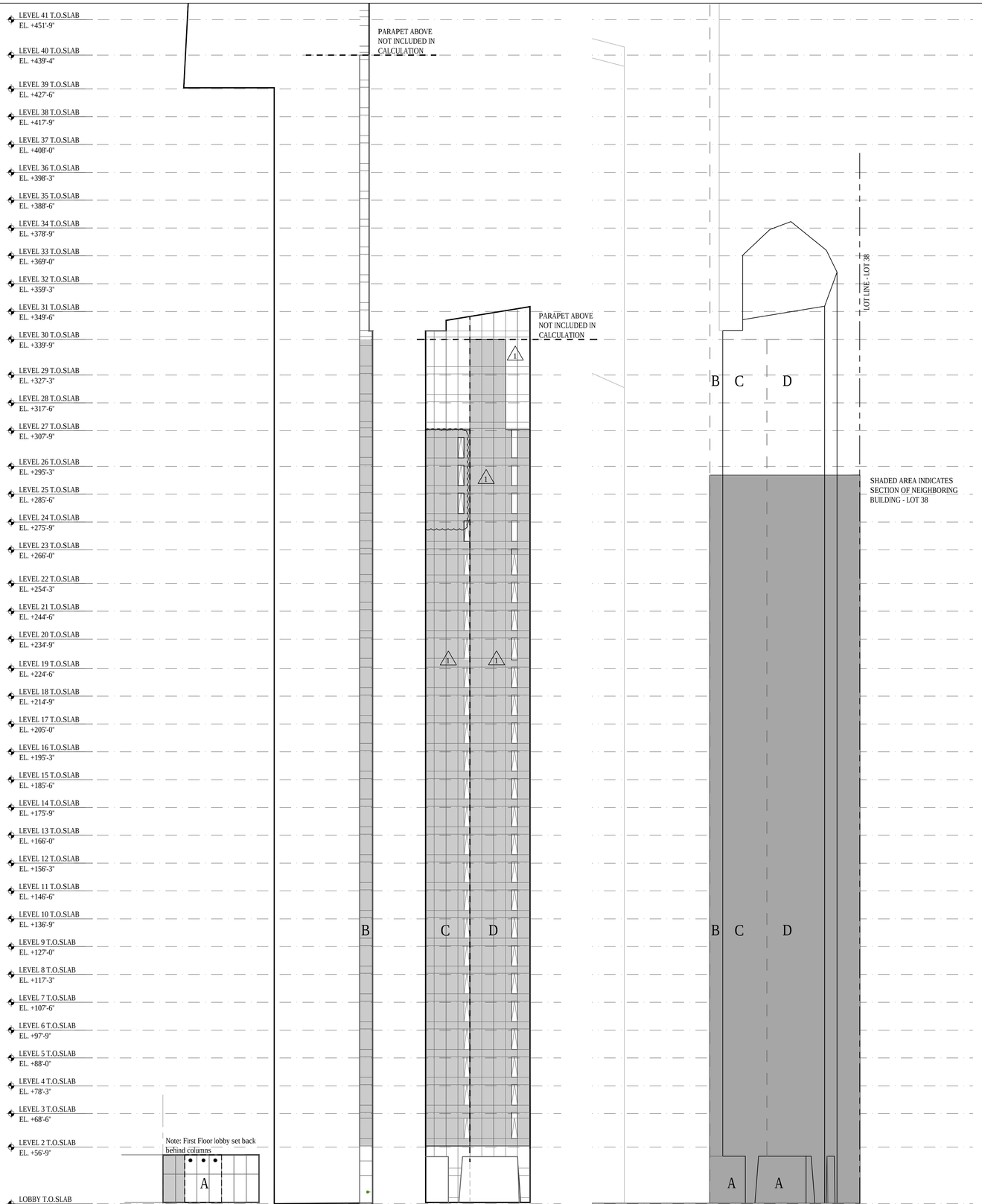
ES346974425 Scan Code



3 MEASURED ELEVATIONS
SCALE: 1/16"= 1'-0"

2 KEY ELEVATION
SCALE: 1/16"= 1'-0"

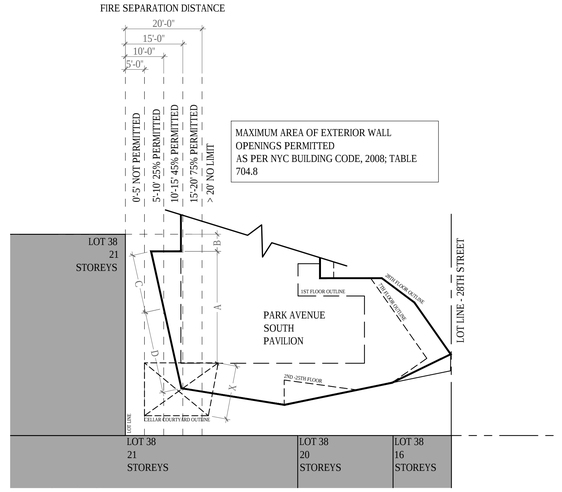
AREA OF OPENINGS								
BUILDING PLANE	FIRE SEPARATION DISTANCE	GROSS FACADE AREA (SF)	AREA OF FIRE RESISTANT FACADE (SF)	AREA OF PROTECTED OPENINGS (SF)*	AREA OF OPEN FACADE (SF)	MAX. PERMITTED AREA OF OPENINGS	PROPOSED AREA OF OPENINGS	COMPLIANT?
A	< 10' > 15'	561	128	215	218	45%	39%	YES
B	<10' > 15'	1622	1286	N/A	336	45%	21%	YES
C	<5' >10'	4379	3772	N/A	607	25%	14%	YES
D	< 10' >15'	5954	5304	N/A	650	45%	11%	YES
X	>20'	182	139	N/A	43	UNLIMITED	24%	YES

CALCULATION BASED ON NYC BUILDING CODE, 2008; TABLE 704.8

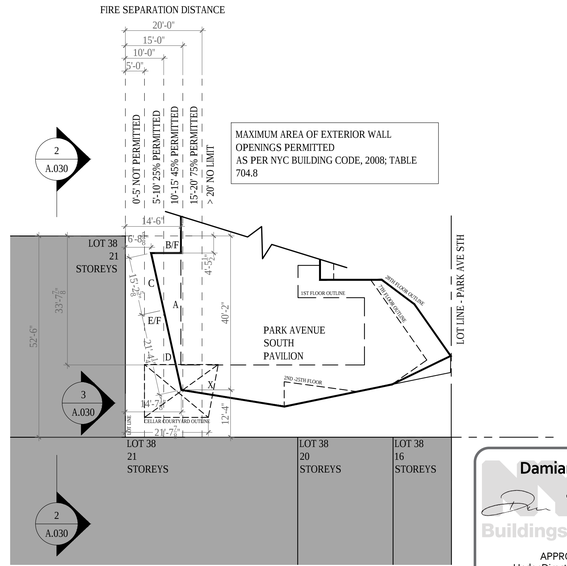
AREA OF FIRE RATED EXTERIOR WALL

NOTES:

1. EXTERIOR WALLS ARE SUBJECT TO COMPLIANCE WITH BC 704, CHAPTER 14 AND APPENDIX D WHERE APPLICABLE.
2. EXTERIOR WALLS MUST EXTEND TO THE HEIGHT REQUIRED BY BC 704.11 AND MUST HAVE SUFFICIENT STRUCTURAL STABILITY THAT THEY WILL REMAIN IN PLACE FOR THE DURATION OF TIME INDICATED BY THE REQUIRED FIRE-RESTIANCE RATING.
3. THE PROPOSED BUILDING WILL BE PROVIDED WITH FULL SPRINKLER PROTECTIONS THEREFORE THE MAXIMUM PERMITTED AREA OF OPENINGS IS DETERMINED BY THE MAXIMUM PERMITTED AREA OF PROTECTED OPENINGS AS PER BC 704.8.1.
4. VERTICAL SEPARATION OF OPENINGS IS NOT REQUIRED SINCE THE PROPOSED BUILDING WILL BE PROVIDED WITH FULL SPRINKLER PROTECTION AS PER BC 704.9, EXCEPTIONS 2 & 4.
5. AS PER TABLE 704.8 (k) OPENINGS IN GROUP R2 OCCUPANCIES, WITH AN EXTERIOR SEPARATION DISTANCE GREATER THAN 3', ARE NOT REQUIRED TO BE PROTECTED.



BUILDING PLANES



DIMENSIONED PLAN

1 PLAN DIAGRAMS
SCALE: 1/16"= 1'-0"

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NO.	DATE	ISSUANCE
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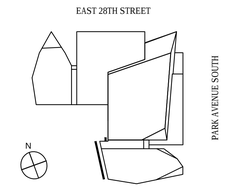
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
PROTECTED OPENINGS SUMMARY
PAV PAVILION - WEST ELEVATION

DRAWING NO:
A-030.00

NYC DOB NO: 121181808

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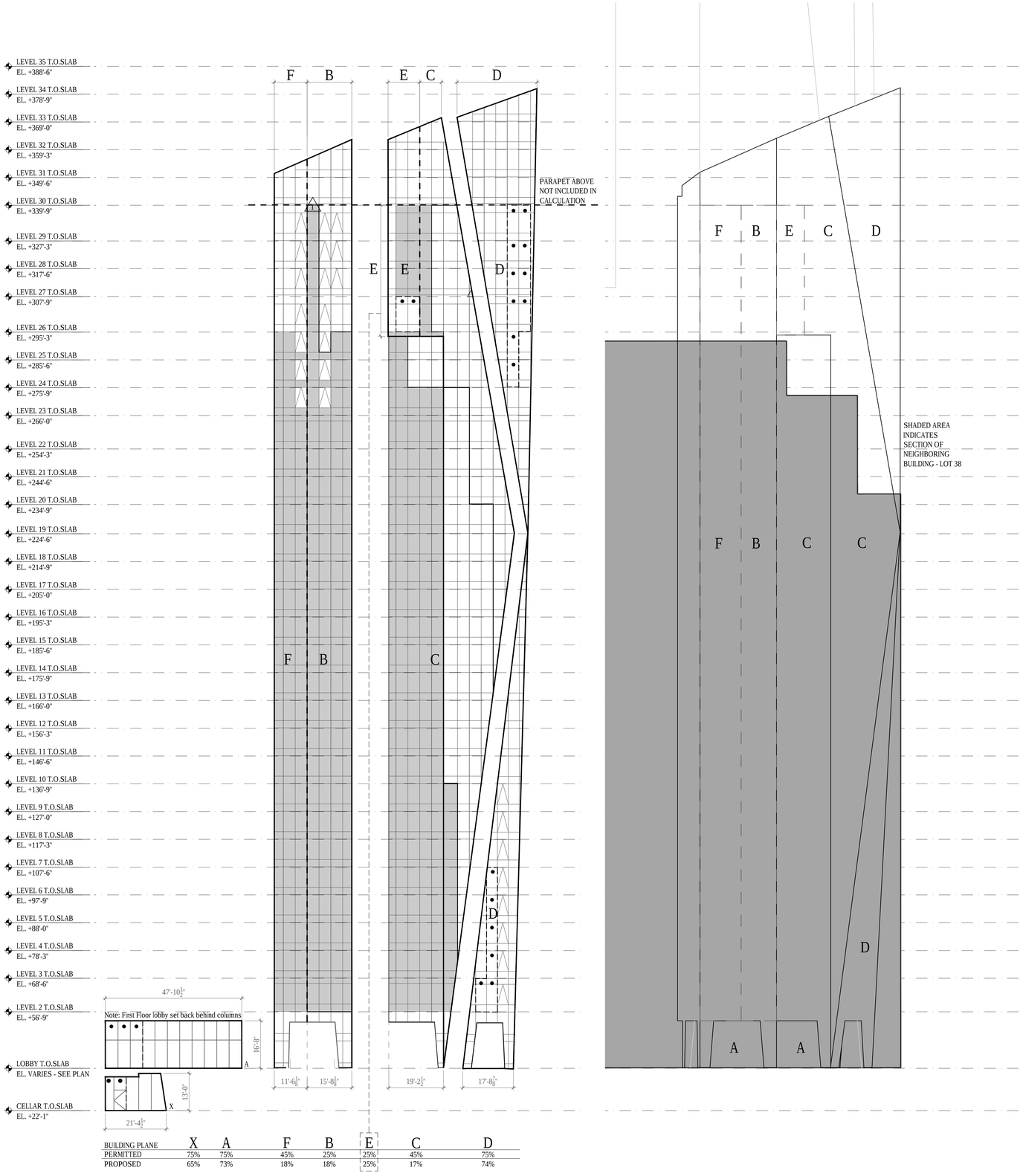


BUILDING PLANE	X	A	F	B	E	C	D
PERMITTED	75%	75%	45%	25%	25%	45%	75%
PROPOSED	65%	73%	18%	18%	25%	17%	74%

3 MEASURED ELEVATIONS
SCALE: 1/16"= 1'-0"

2 KEY ELEVATION
SCALE: 1/16"= 1'-0"

AREA OF OPENINGS

BUILDING PLANE	FIRE SEPARATION DISTANCE	GROSS FACADE AREA (SF)	AREA OF FIRE RESISTANT FACADE (SF)	AREA OF PROTECTED OPENINGS (SF)*	AREA OF OPEN FACADE (SF)	MAX. PERMITTED AREA OF OPENINGS	PROPOSED AREA OF OPENINGS	COMPLIANT?
A	< 15' >20'	798	0	218	580	75%	73%	YES
B	<5' >10'	4436	3836	N/A	600	25%	14%	YES
C	<10' >15'	8951	4950	N/A	4002	45%	45%	YES
D	< 15' >20'	2598	0	682	1915	75%	74%	YES
E	<5' >10'	492	268	103	122	25%	25%	YES
F	<10' >15'	3257	2655	N/A	602	45%	18%	YES
X	< 15' >20'	251	0	87	165	75%	65%	YES

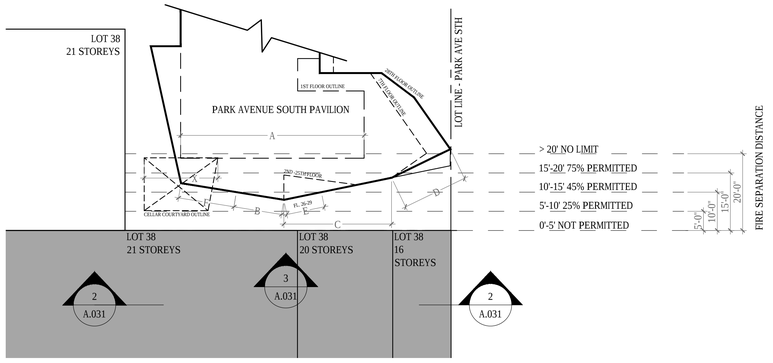
CALCULATION BASED ON NYC BUILDING CODE, 2008; TABLE 704.8

AREA OF FIRE RATED EXTERIOR WALL

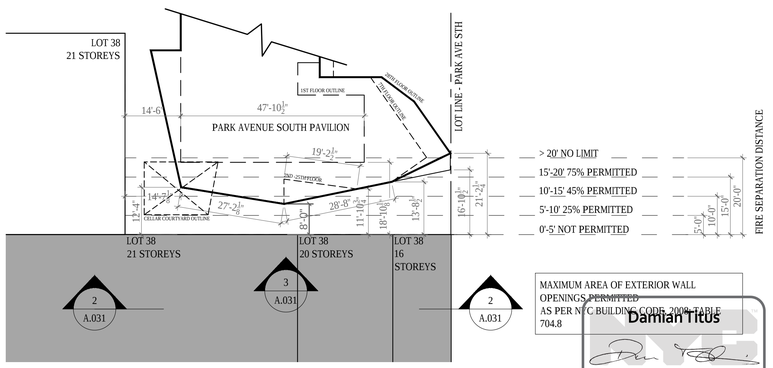
- * OPENING PROTECTED BY WATER CURTAIN SYSTEM IN ACCORDANCE WITH NFPA 13, AS PER BC 704.12

NOTES:

1. EXTERIOR WALLS ARE SUBJECT TO COMPLIANCE WITH BC 704, CHAPTER 14 AND APPENDIX D WHERE APPLICABLE.
2. EXTERIOR WALLS MUST EXTEND TO THE HEIGHT REQUIRED BY BC 704.11 AND MUST HAVE SUFFICIENT STRUCTURAL STABILITY THAT THEY WILL REMAIN IN PLACE FOR THE DURATION OF TIME INDICATED BY THE REQUIRED FIRE-RESTIANCE RATING.
3. THE PROPOSED BUILDING WILL BE PROVIDED WITH FULL SPRINKLER PROTECTIONS THEREFORE THE MAXIMUM PERMITTED AREA OF OPENINGS IS DETERMINED BY THE MAXIMUM PERMITTED AREA OF PROTECTED OPENINGS AS PER BC 704.8.1.
4. VERTICAL SEPARATION OF OPENINGS IS NOT REQUIRED SINCE THE PROPOSED BUILDING WILL BE PROVIDED WITH FULL SPRINKLER PROTECTION AS PER BC 704.9, EXCEPTIONS 2 & 4.
5. AS PER TABLE 704.8 (k) OPENINGS IN GROUP R2 OCCUPANCIES, WITH AN EXTERIOR SEPARATION DISTANCE GREATER THAN 3', ARE NOT REQUIRED TO BE PROTECTED.



BUILDING PLANES



DIMENSIONED PLAN

MAXIMUM AREA OF EXTERIOR WALL OPENINGS PERMITTED AS PER NYC BUILDING CODE 2008; TABLE 704.8

1 PLAN DIAGRAMS
SCALE: 1/16"= 1'-0"

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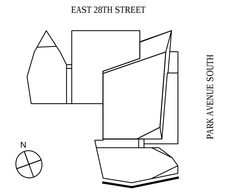
4	08.10.12	DOB SUBMISSION

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:

PROTECTED OPENINGS SUMMARY
PAV PAVILION - SOUTH ELEVATION

DRAWING NO:

A-031.00

NYC DOB NO: 121181808

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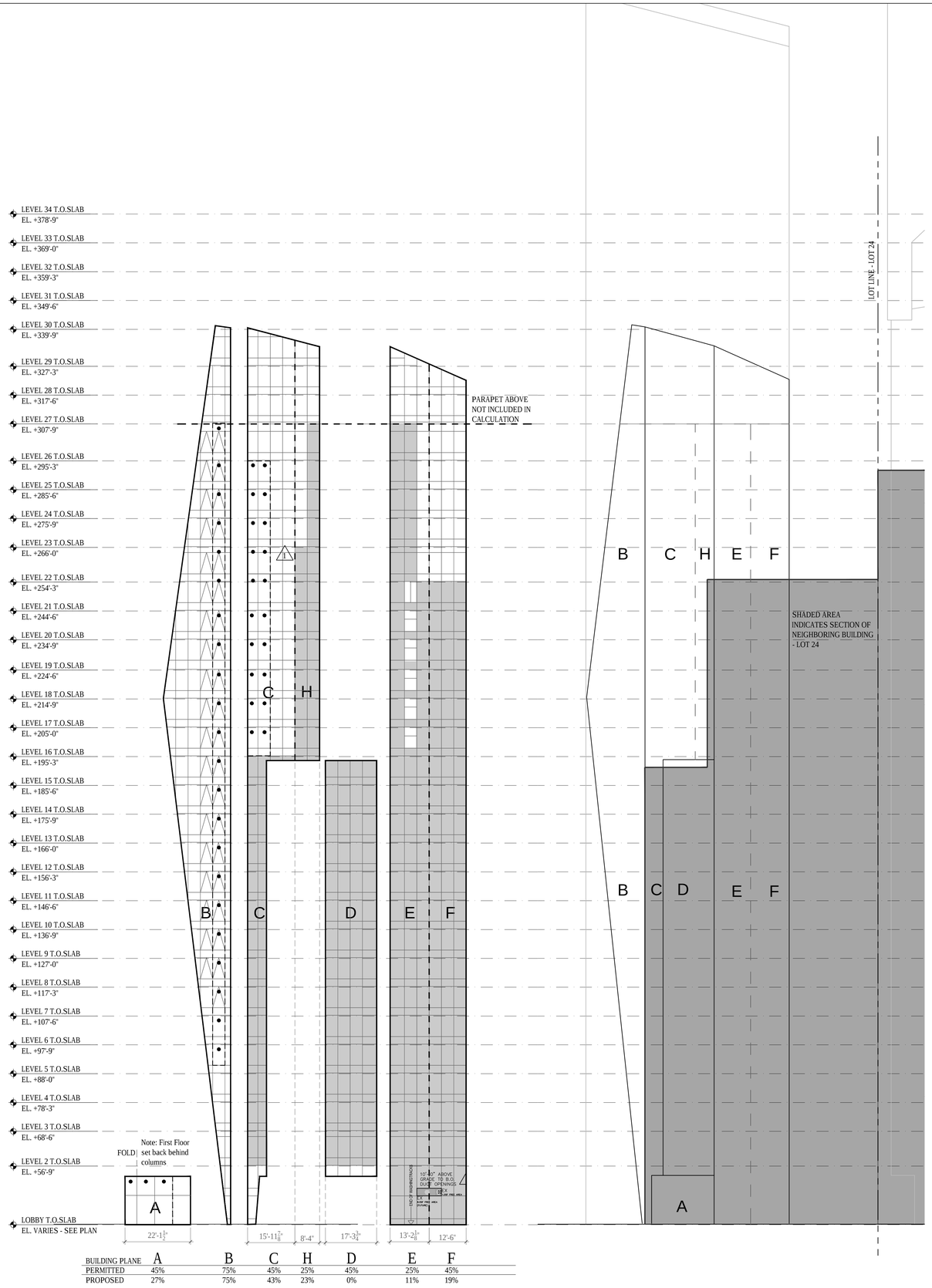

BUILDING PLANE	A	B	C	H	D	E	F
PERMITTED	45%	75%	45%	25%	45%	25%	45%
PROPOSED	27%	75%	43%	23%	0%	11%	19%

3 MEASURED ELEVATIONS
SCALE: 1/16"= 1'-0"

2 KEY ELEVATION
SCALE: 1/16"= 1'-0"

AREA OF OPENINGS								
BUILDING PLANE	FIRE SEPARATION DISTANCE	GROSS FACADE AREA (SF)	AREA OF FIRE RESISTANT FACADE (SF)	AREA OF PROTECTED OPENINGS (SF)*	AREA OF OPEN FACADE (SF)	MAX. PERMITTED AREA OF OPENINGS	PROPSED AREA OF OPENINGS	COMPLIANT?
A	< 10' > 15'	362	0	263	99	45%	27%	YES
B	<15' > 20'	3582	0	905	2677	75%	75%	YES
C	<10' >15'	2697	898	764	1035	45%	38%	YES
D	< 10' >15'	2370	2370	N/A	0	45%	0%	YES
E	<5' >10'	3573	3169	N/A	404	25%	11%	YES
F	<10' >15'	3389	2720	N/A	669	45%	20%	YES
G	NOT USED							
H	<5' >10'	951	777	N/A	174	25%	18%	YES

CALCULATION BASED ON NYC BUILDING CODE, 2008; TABLE 704.8

AREA OF FIRE RATED EXTERIOR WALL

* OPENING PROTECTED BY WATER CURTAIN SYSTEM IN ACCORDANCE WITH NFPA 13, AS PER BC 704.12

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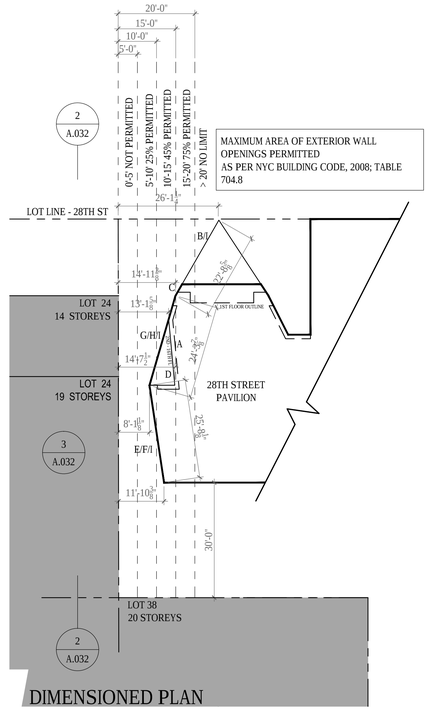
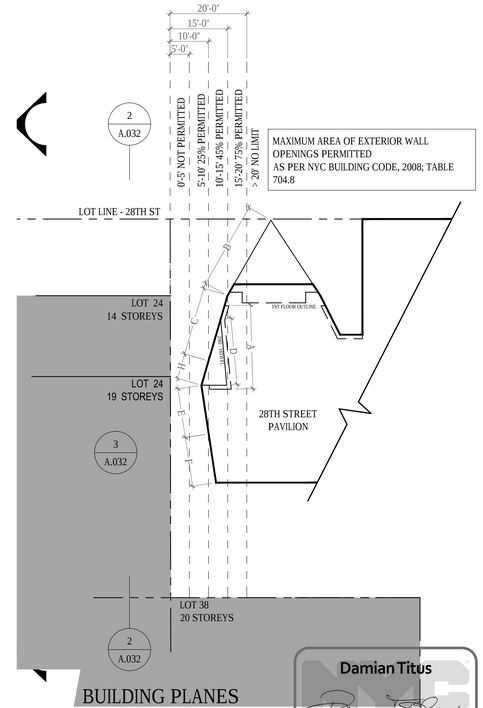


DIMENSIONED PLAN

1 PLAN DIAGRAMS
SCALE: 1/16"= 1'-0"



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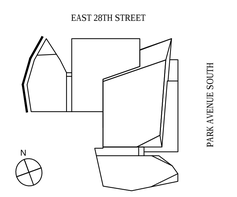
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
PROTECTED OPENINGS SUMMARY
28TH ST PAVILION - WEST ELEVATION

DRAWING NO:
A-032.00

NYC DOB NO: 121181808

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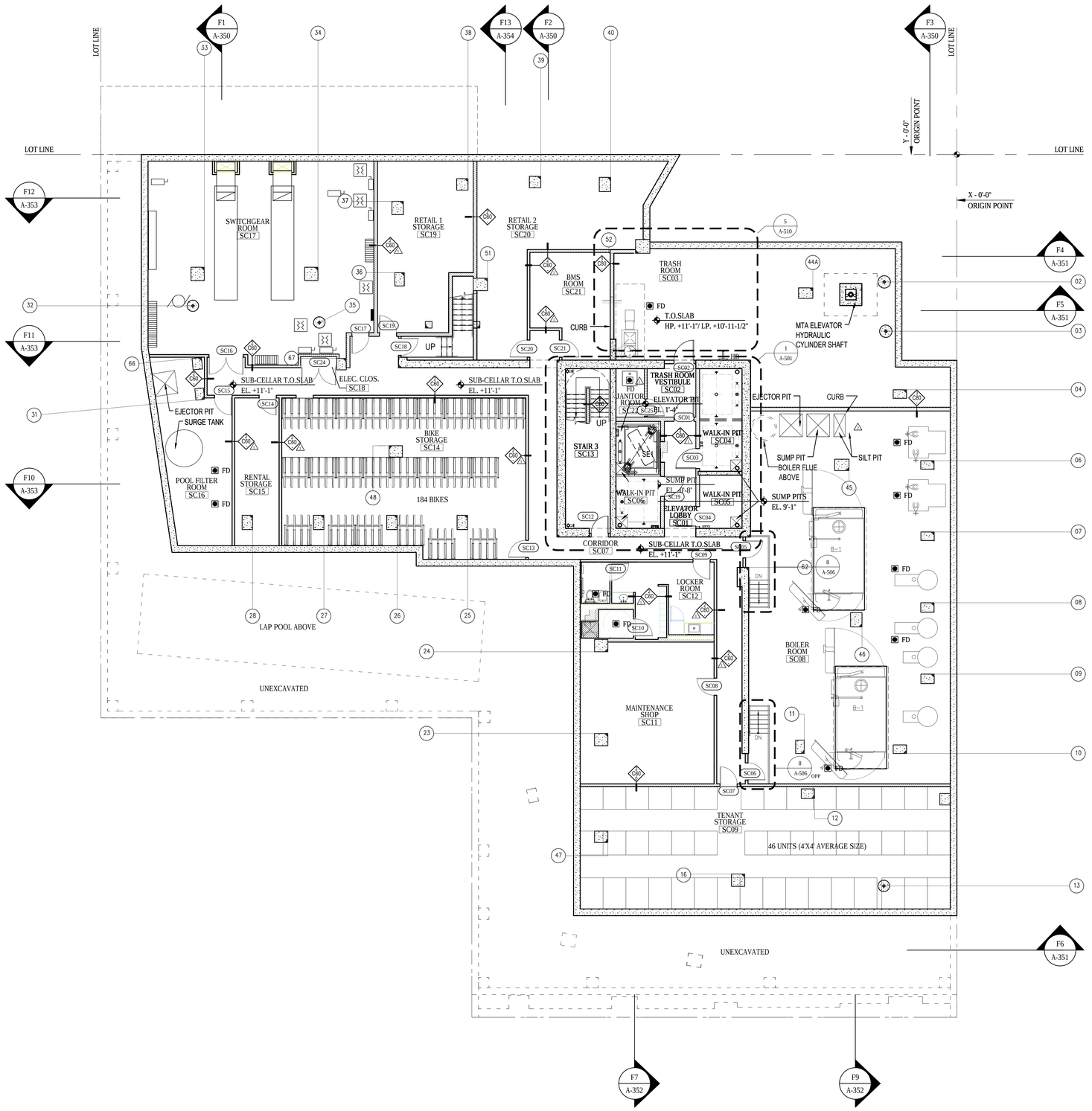

1 SUB-CELLAR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- OD — OVERFLOW DRAIN
- HB — HOSE BIB

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES SPECIFIED IN G002.
8. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
9. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
10. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
11. ALL LINEN CLOSETS TO RECEIVE ½"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
15. ALL FLOOR DRAINS TO BE FLUSH WITH FINISHED FLOOR U.O.N.
16. PROVIDE ½' UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
17. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
19. ALL WASHER/ DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
20. REFER TO SHEET A- 582 FOR HEAT PUMP DETAILS
21. REFER TO SHEETS A-561 TO A-574 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 2-22. REFER TO SHEETS X-600 TO X-701 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 23-40.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8' CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & 4/A-422
9. ONE HOUR RATED BACKUP FURRING WALL REFER TO DETAIL S/A-422
10. GLASS WALL SEE FINISH SCHEDULE
11. NOT IN USE
12. LOUVERS AT EXTERIOR WALL. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
13. EXTERIOR WALL/GLASS STOREFRONT AND DOORS TO GARDEN
14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION COURSE AND WATERPROOFING MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-4/A.00
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

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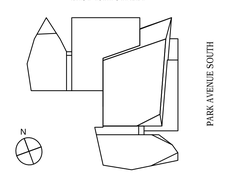
2	07.11.12	ASI 009

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
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DRAWING TITLE:
SUB-CELLAR PLAN

DRAWING NO:
A-099.00

NYC DOB NO: 121181808

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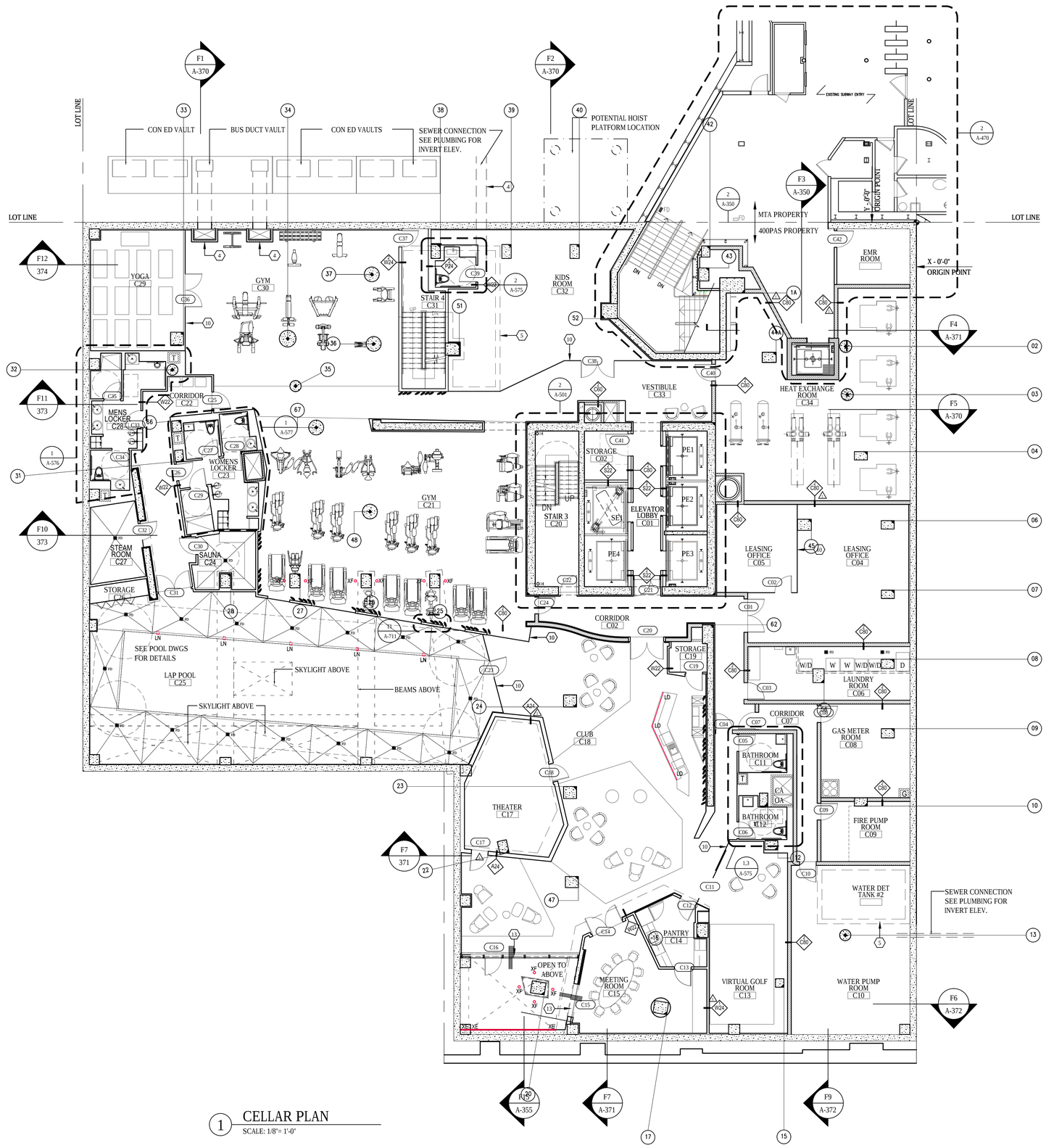

1 CELLAR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

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- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP APARTMENT PANEL
- APARTMENT INTERCOM
- WD DIRECTION OF WOOD FLOORING
- FD FLOOR DRAIN
- RD ROOF DRAIN
- OD OVERFLOW DRAIN
- HB HOSE BIB

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES SPECIFIED IN G002.
8. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
9. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
10. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
11. ALL LINEN CLOSETS TO RECEIVE ½"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
15. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
16. PROVIDE ½' UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
17. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
19. ALL WASHER/DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
20. REFER TO SHEET A- 582 FOR HEAT PUMP DETAILS
21. REFER TO SHEETS A-561 TO A-574 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 2-22. REFER TO SHEETS X-600 TO X-701 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 23-40.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
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5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
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7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

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3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & A/A-422
9. ONE HOUR RATED BACK-UP FURRING WALL REFER TO DETAIL 6/A 422
10. GLASS WALL SEE FINISH SCHEDULE
11. NOT IN USE
12. LOUVERS AT EXTERIOR WALL. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
13. EXTERIOR WALL/GLASS STOREFRONT AND DOORS TO GARDEN
14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND WATERPROOFING MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-471.00
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
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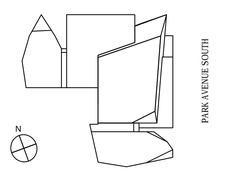
NO.	DATE	ISSUANCE
	02.03.12	FOUNDATION PERMIT
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
CELLAR PLAN

DRAWING NO:
A-100.00

NYC DOB NO: 121181808

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ES4994398146 Scan Code

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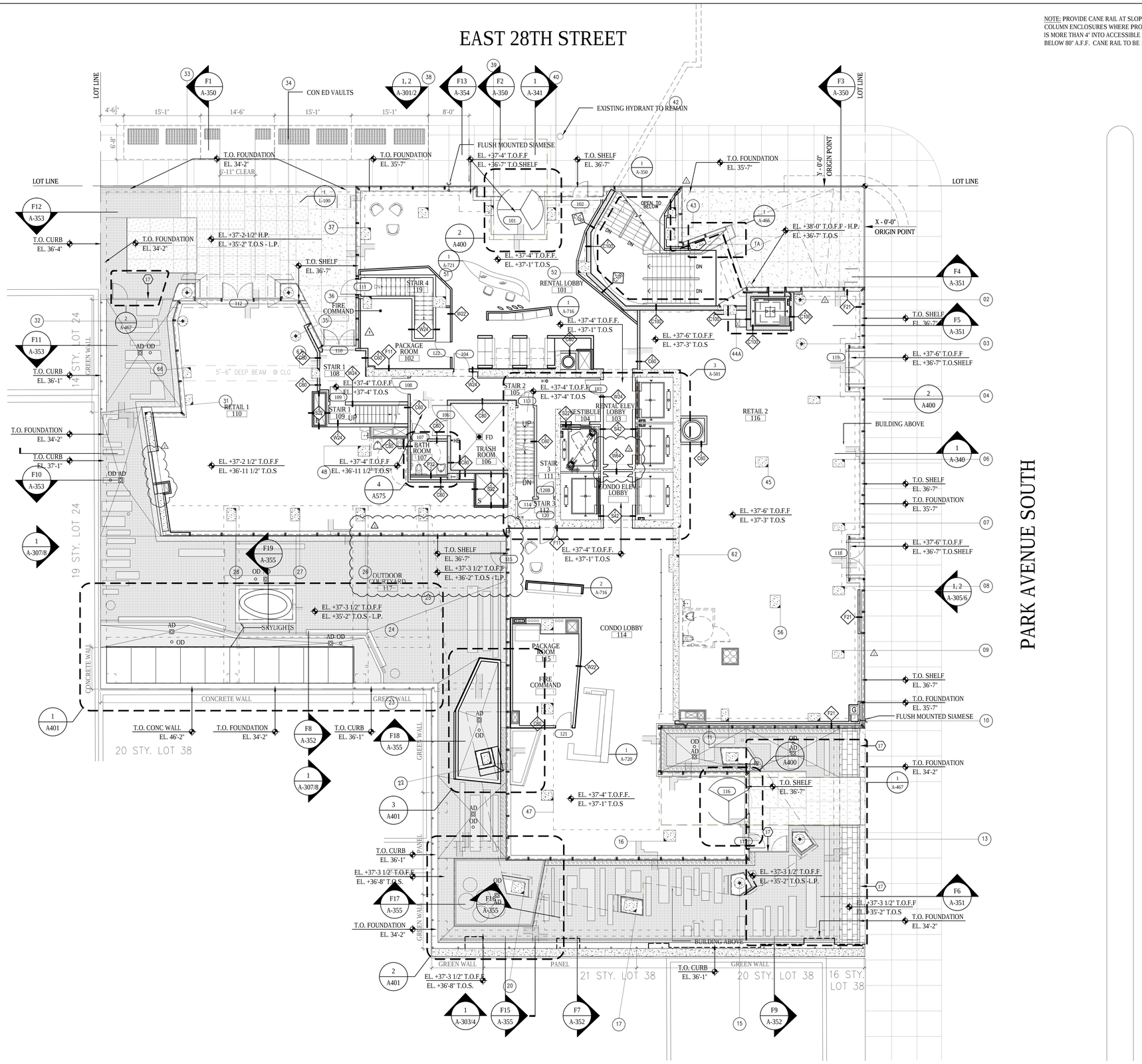

1 GROUND FLOOR PLAN
SCALE: 1/8"= 1'-0"

NOTE: PROVIDE CANE RAIL AT SLOPING COLUMN ENCLOSURES WHERE PROTRUSION IS MORE THAN 4" INTO ACCESSIBLE PATH BELOW 80" A.F.F. CANE RAIL TO BE 10" A.F.F.

LEGEND
REFER TO G004 FOR ADDITIONAL SYMBOLS

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ELEVATION NOTES

1. FOR CALLOUTS OF ENLARGED BUILDING ELEVATIONS OF GROUND FLOOR REFERENCE A251 GROUND FLOOR PERIMETER PLAN.
2. FOR ENLARGED BUILDING ELEVATIONS OF GROUND FLOOR REFERENCE A330 SERIES.

KEYED NOTES

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3. GALVANIZED STEEL CATWALK SEE DRAWING A-66
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & 4/A-422
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18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:33 AM
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2	05.15.12	80% CDS / GMP SET
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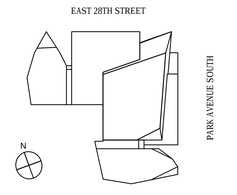
4	08.10.12	DOB SUBMISSION
1	07.09.12	ASI 006
2	07.18.12	ASI 012
3	07.25.12	ASI 013

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
GROUND FLOOR PLAN

DRAWING NO:
A-101.00

NYC DOB NO: 121181808

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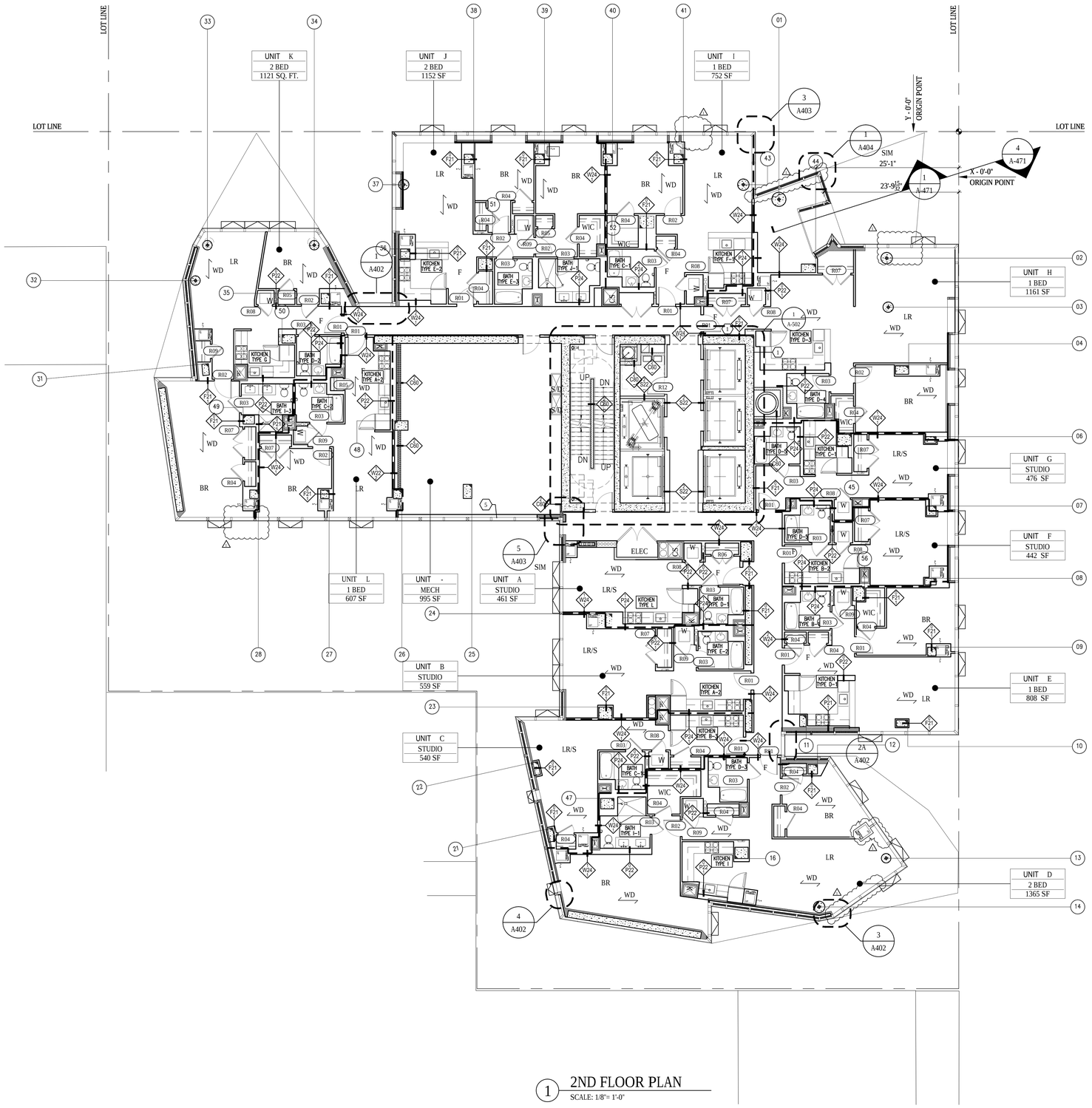

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4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & 4/A-422
9. ONE HOUR RATED BACK-UP FURRING WALL REFER TO DETAIL 8/A 422
10. GLASS WALL SEE FINISH SCHEDULE
11. NOT IN USE
12. LOUVERS AT EXTERIOR WALL, SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
13. EXTERIOR WALL/GLASS STOREFRONT AND DOORS TO GARDEN
14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 -4" RIGID INSULATION, PROTECTION BOARD AND WATERPROOFING MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-471.00
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

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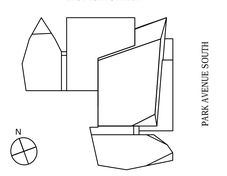
⚠	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
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DRAWING TITLE:
2ND FLOOR PLAN

DRAWING NO:
A-102.00

NYC DOB NO: 121181808

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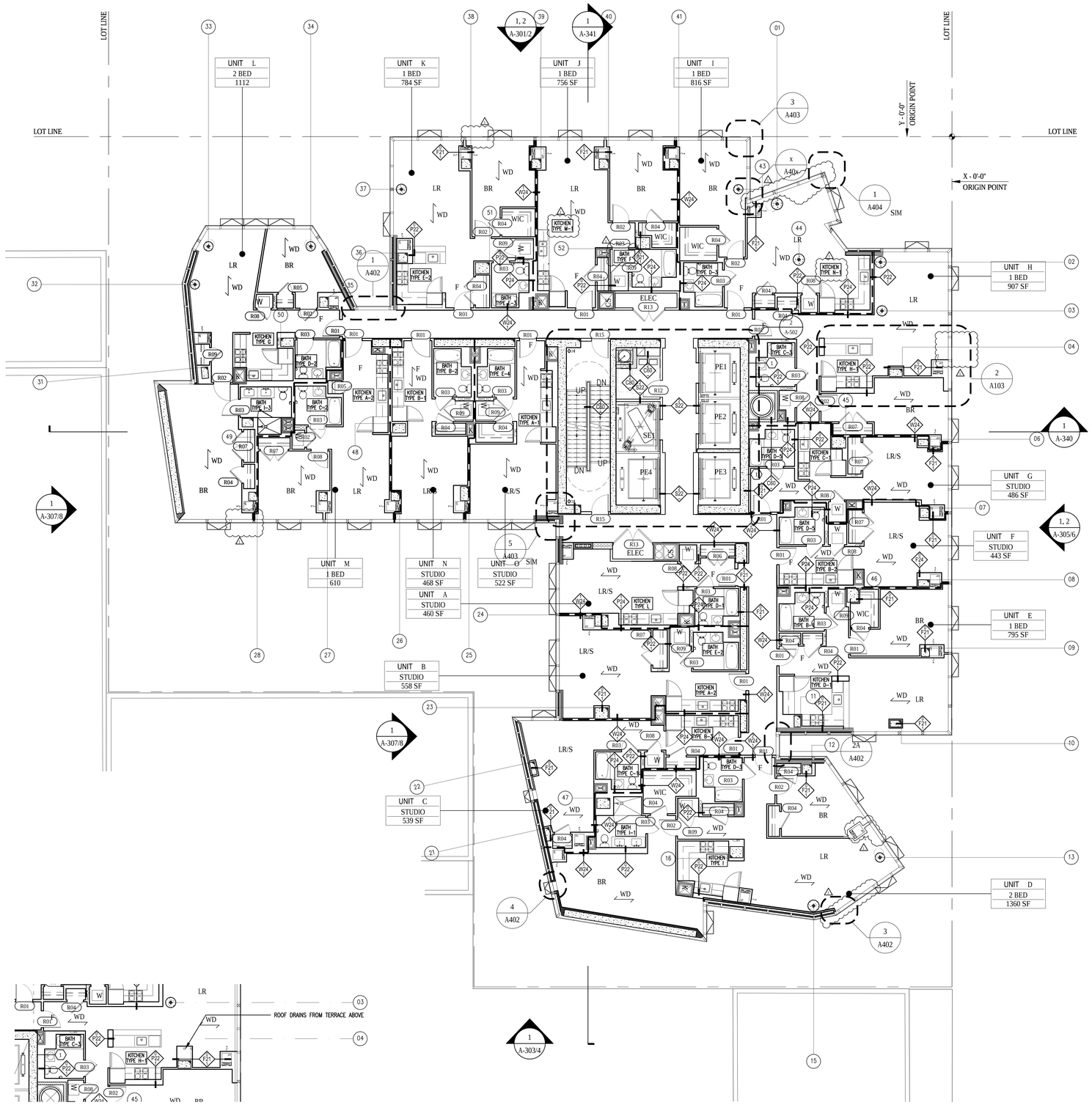
ES2008891647 Scan Code



2 6TH FLOOR - PART PLAN
SCALE: 1/8"= 1'-0"

1 3RD FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- OD — OVERFLOW DRAIN
- HB — HOSE BIB

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES SPECIFIED IN G002.
8. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
9. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
10. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
11. ALL LINEN CLOSETS TO RECEIVE ½"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
15. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
16. PROVIDE ½' UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
17. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
19. ALL WASHER/ DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
20. REFER TO SHEET A- 582 FOR HEAT PUMP DETAILS
21. REFER TO SHEETS A-561 TO A-574 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 2-22. REFER TO SHEETS X-600 TO X-701 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 23-40.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & 4/A-422
9. ONE HOUR RATED BACK-UP FURRING WALL REFER TO DETAIL 6/A-422
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14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND WATERPROOFING MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-411.00
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
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Under Directive 2 of 1975
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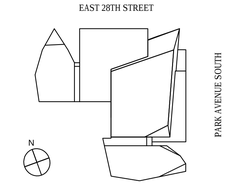
1	08.01.12	ASI 023

KEY PLAN



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SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019833-1 STATE OF NEW YORK

DRAWING TITLE:
3RD FLOOR PLAN
(4TH - 6TH SIMILAR)

DRAWING NO:
A-103.00

NYC DOB NO: 121181808

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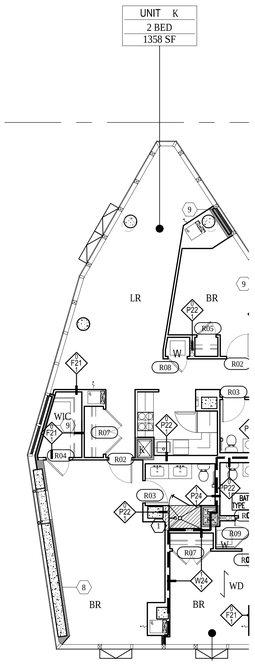
3 8-19TH FLOOR PLAN (PARTIAL)
SCALE: 1/8"= 1'-0"



2 16TH-19TH FLOOR PLAN (PARTIAL)
SCALE: 1/8"= 1'-0"

1 7TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

4 19TH FLOOR PLAN - PARTIAL
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP APARTMENT PANEL
- APARTMENT INTERCOM
- WD DIRECTION OF WOOD FLOORING
- FD FLOOR DRAIN
- RD ROOF DRAIN
- OD OVERFLOW DRAIN
- HB HOSE BIB

GENERAL NOTES

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4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
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6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
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10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

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14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND WATERPROOFING MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-477.00
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
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APPROVED
Under Directive 2 of 1975
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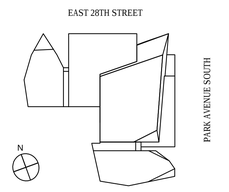
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
7TH FLOOR PLAN
(8TH - 19TH SIMILAR)

DRAWING NO:
A-107.00

NYC DOB NO: 121181808

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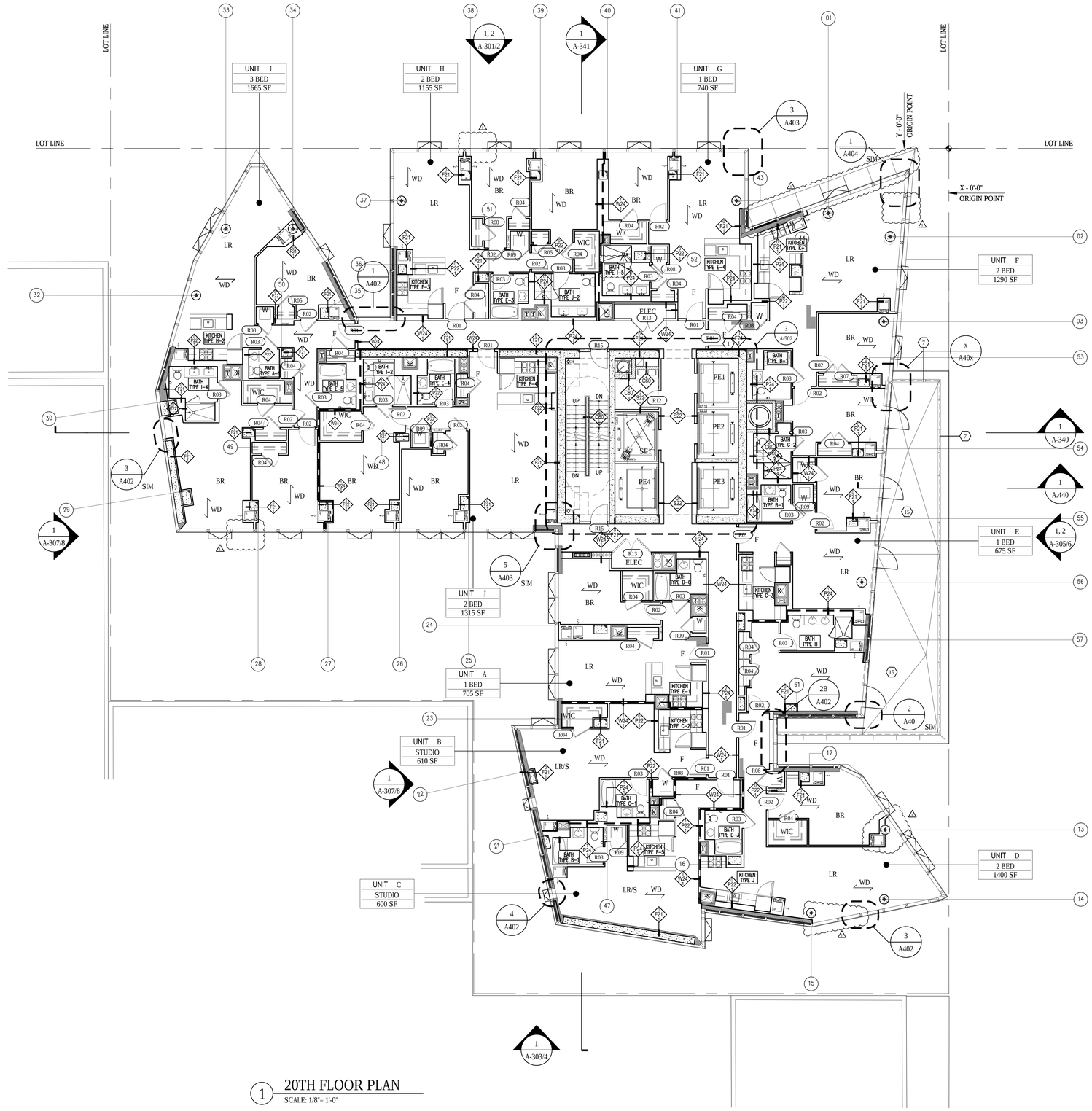
DEPT OF BLDGS121181808 Job Number
ES606287543 Scan Code



1 20TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP APARTMENT PANEL
- APARTMENT INTERCOM
- WD DIRECTION OF WOOD FLOORING
- FD FLOOR DRAIN
- RD ROOF DRAIN
- OD OVERFLOW DRAIN
- HB HOSE BIB

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES SPECIFIED IN G002.
8. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
9. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
10. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
11. ALL LINEN CLOSETS TO RECEIVE ¾"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
15. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
16. PROVIDE ¼' UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
17. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
19. ALL WASHER/ DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
20. REFER TO SHEET A- 582 FOR HEAT PUMP DETAILS
21. REFER TO SHEETS A-561 TO A-574 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 2-22. REFER TO SHEETS X-600 TO X-701 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 23-40.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A-406
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL 5/A-422 & 4/A-422
9. ONE HOUR RATED BACK-UP FURRING WALL REFER TO DETAIL 6/A-422
10. GLASS WALL SEE FINISH SCHEDULE
11. NOT IN USE
12. LOUVERS AT EXTERIOR WALL, SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
13. EXTERIOR WALL/GLASS STOREFRONT AND DOORS TO GARDEN
14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND WATERPROOFING MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-412.0
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
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NYC Development Hub

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INTERIOR DESIGN
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NO.	DATE	ISSUANCE
	02.03.12	FOUNDATION PERMIT
1	02.17.12	DESIGN DEVELOPMENT
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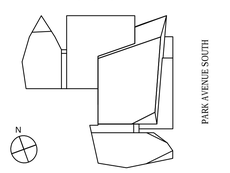
1	08.01.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019833-1 STATE OF NEW YORK

DRAWING TITLE:
20TH FLOOR PLAN

DRAWING NO:
A-120.00

NYC DOB NO: 121181808

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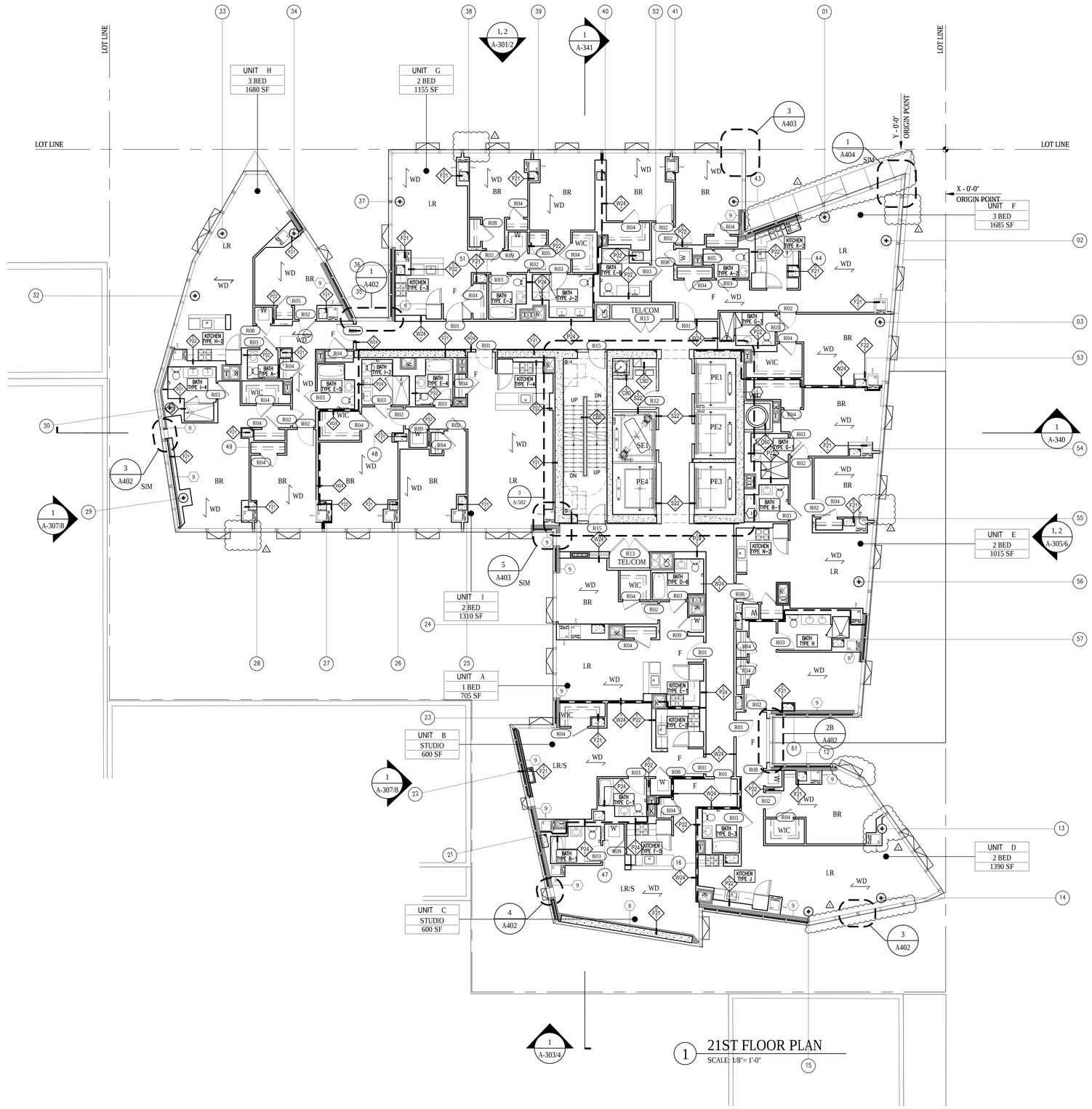
DEPT OF BLDGS121181808 Job Number
ES0309050223 Scan Code



1 21ST FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP APARTMENT PANEL
- APARTMENT INTERCOM
- WD DIRECTION OF WOOD FLOORING
- FD FLOOR DRAIN
- RD ROOF DRAIN
- OD OVERFLOW DRAIN
- HB HOSE BIB

GENERAL NOTES

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9. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
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11. ALL LINEN CLOSETS TO RECEIVE ½"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
15. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
16. PROVIDE ½' UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
17. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
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PARTITION NOTES

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10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A-606
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & 4/A-422
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14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND WATERPROOFING MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-606
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
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NYC Development Hub

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NO.	DATE	ISSUANCE
	02.03.12	FOUNDATION PERMIT
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2	05.15.12	80% CDS / GMP SET
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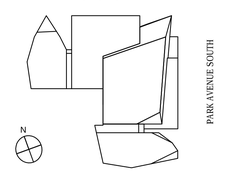
⚠	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
21ST FLOOR PLAN (22ND SIMILAR)

DRAWING NO:
A-121.00

NYC DOB NO: 121181808

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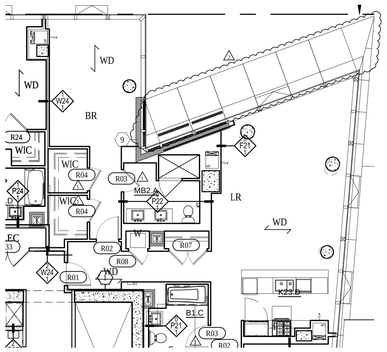
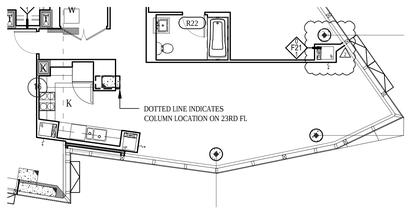
DEPT OF BLDGS 121181808 Job Number
ES901854559 Scan Code



5 BATHROOM LAYOUT AT UNIT D 25TH & 26TH FL.

SCALE: 1/8"= 1'-0"

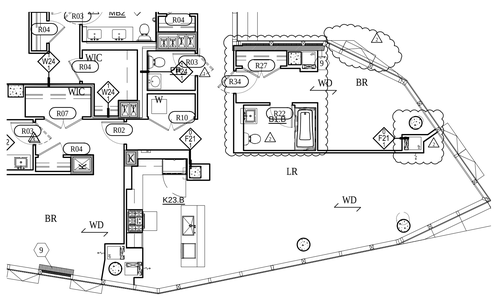


4 KITCHEN LAYOUT AT UNIT B ON 24TH & 25TH FL.

SCALE: 1/8"= 1'-0"

3 24TH FLOOR - CORE PLAN WITH RENTAL ELEVATOR MACHINE RM

SCALE: 1/8"= 1'-0"



2 KITCHEN LAYOUT AT UNIT B 26TH FLOOR

SCALE: 1/8"= 1'-0"

1 23RD FLOOR PLAN

SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

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12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
15. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
16. PROVIDE ½' UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
17. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
19. ALL WASHER/ DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
20. REFER TO SHEET A- 582 FOR HEAT PUMP DETAILS
21. REFER TO SHEETS A-561 TO A-574 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 2-22. REFER TO SHEETS X-600 TO X-701 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 23-40.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
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3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

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3. GALVANIZED STEEL CATWALK SEE DRAWING A-406
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & A/A-422
9. ONE HOUR RATED BACK-UP FURRING WALL REFER TO DETAIL A/A-422
10. GLASS WALL SEE FINISH SCHEDULE
11. NOT IN USE
12. LOUVERS AT EXTERIOR WALL, SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
13. EXTERIOR WALL/GLASS STOREFRONT AND DOORS TO GARDEN
14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND WATERPROOFING MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-402.20
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH
19. LINE OF COLUMN TRANSFER ON FLOOR 28 ONLY

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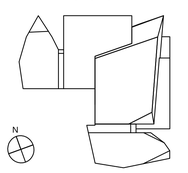
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
△	07.09.12	ASI 008
△	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:

23RD FLOOR PLAN
(24TH, 25TH & 26TH SIMILAR)

DRAWING NO:

A-123.00

NYC DOB NO: 121181808

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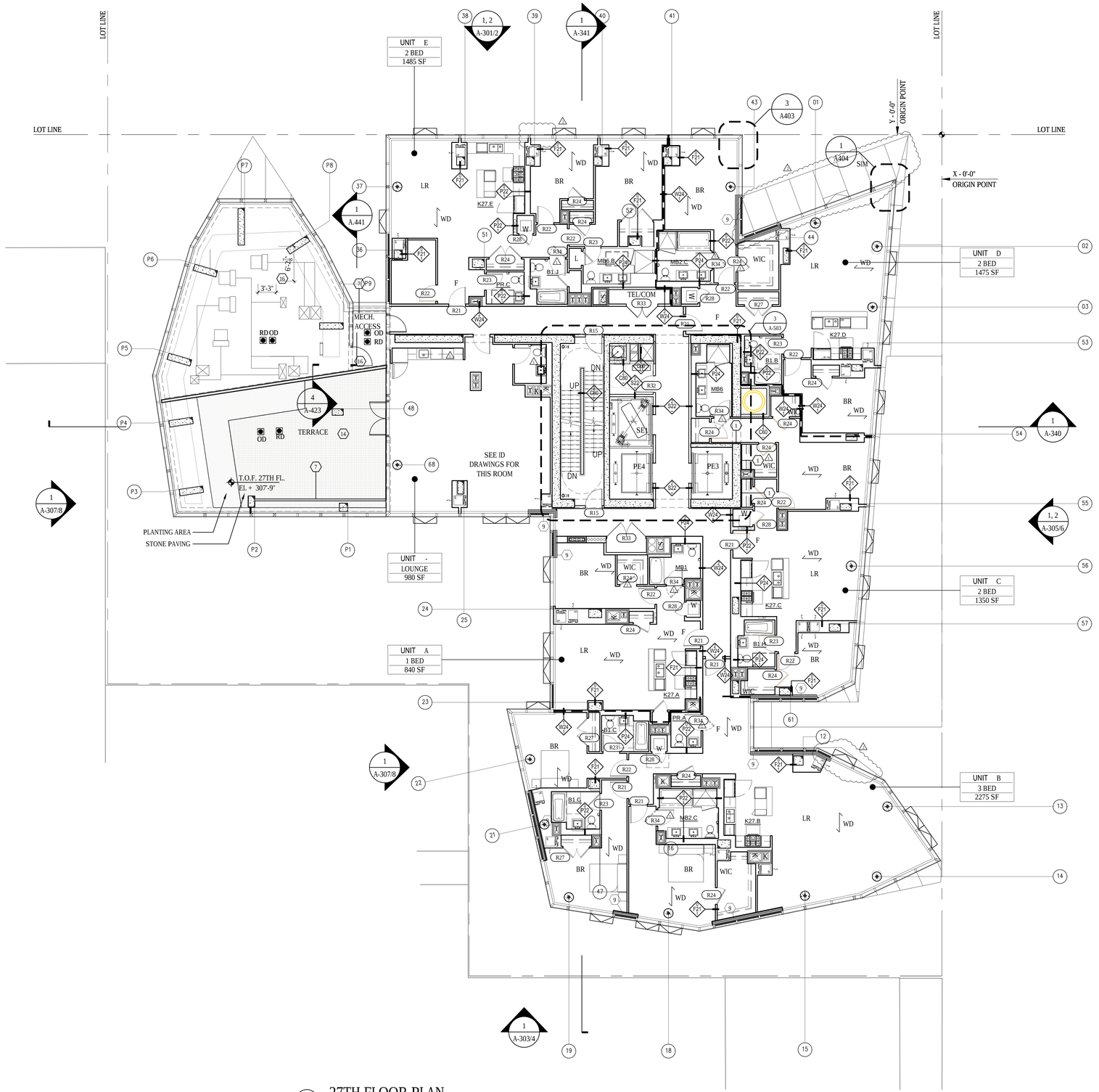

1 27TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP APARTMENT PANEL
- APARTMENT INTERCOM
- WD DIRECTION OF WOOD FLOORING
- FD FLOOR DRAIN
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6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES SPECIFIED IN G002.
8. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
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17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-410.0
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

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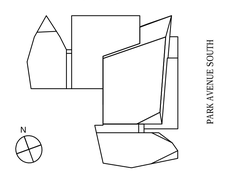
1	07.09.12	ASI 008
1	08.08.12	ASI 023

KEY PLAN



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SEAL & SIGNATURE

DRAWING TITLE:

27TH FLOOR PLAN &
ROOF PLAN AT 28TH ST PAVILION

DRAWING NO:

A-127.00

NYC DOB NO: 121181808

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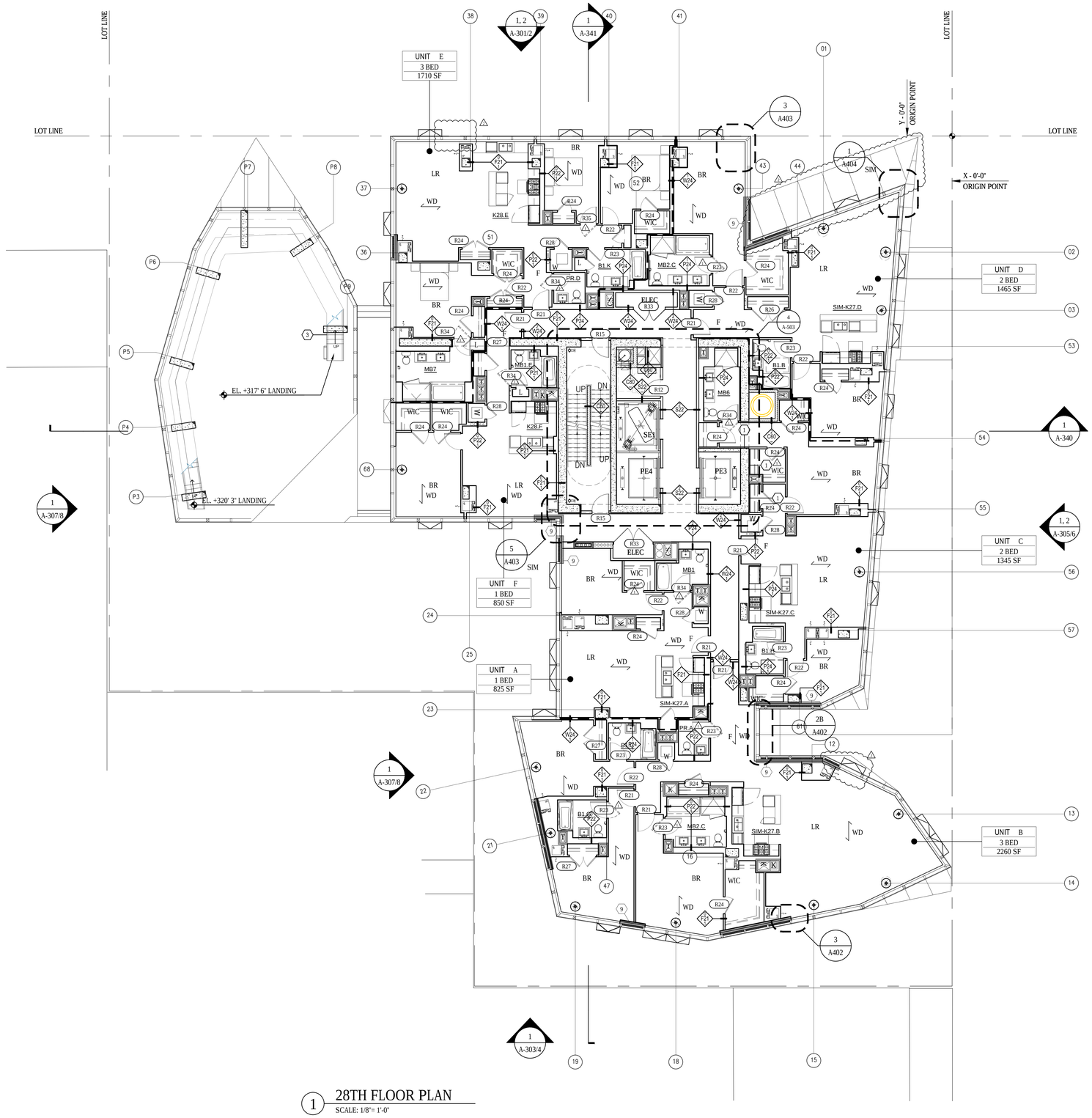

1 28TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
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- INDICATES OPENING IN SLAB
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17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-470.00
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
NYC Buildings
APPROVED
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NYC Development Hub

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2	05.15.12	80% CDS / GMP SET
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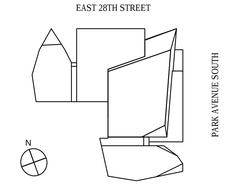
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
28TH FLOOR PLAN
(29TH SIMILAR)

DRAWING NO:
A-128.00

NYC DOB NO: 121181808

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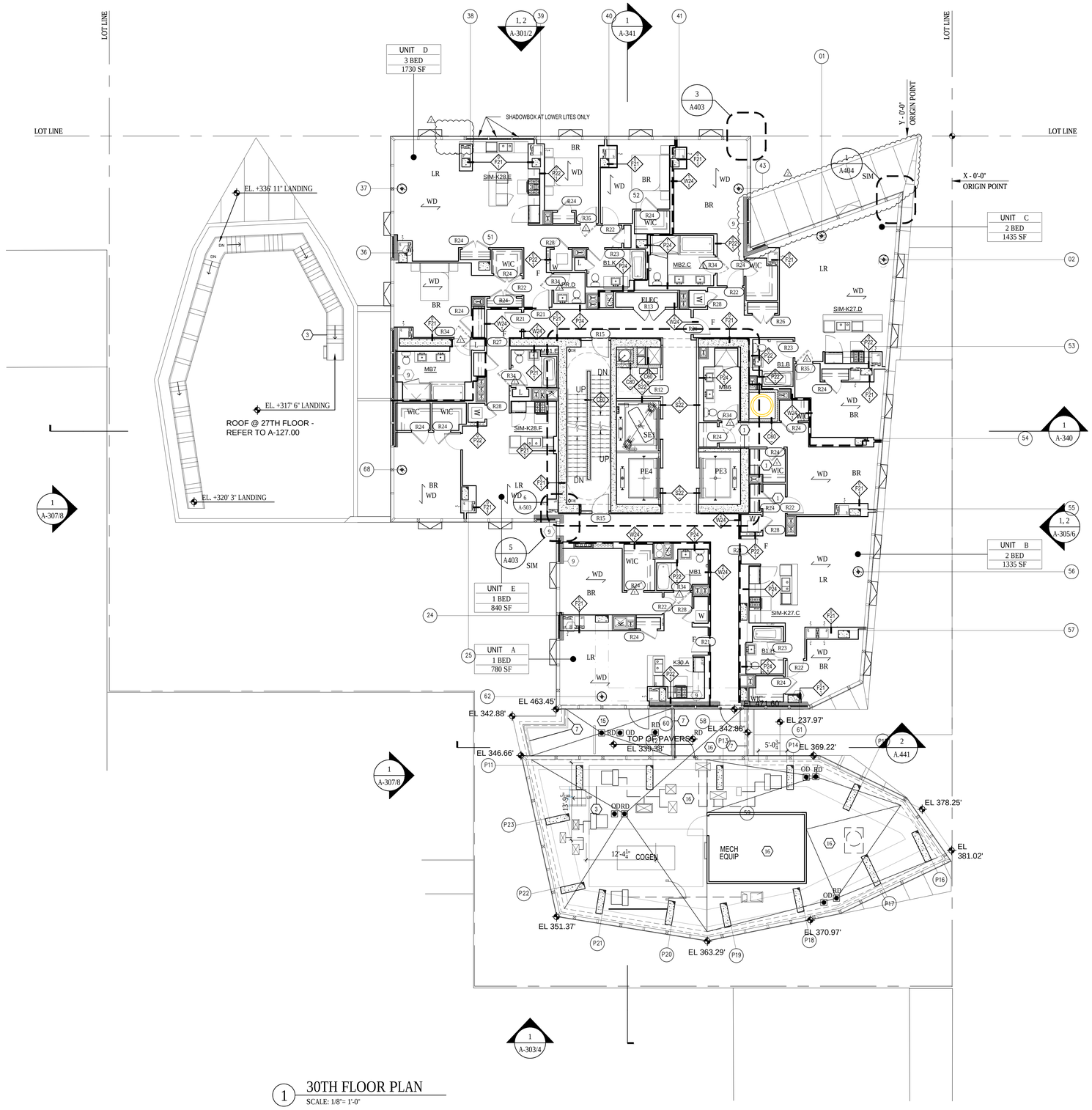
ES8107761557 Scan Code



1 30TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP APARTMENT PANEL
- APARTMENT INTERCOM
- WD DIRECTION OF WOOD FLOORING
- FD FLOOR DRAIN
- RD ROOF DRAIN
- OD OVERFLOW DRAIN
- HB HOSE BIB

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES SPECIFIED IN G002.
8. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
9. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
10. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
11. ALL LINEN CLOSETS TO RECEIVE ¾"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
15. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
16. PROVIDE ½' UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
17. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
19. ALL WASHER/ DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
20. REFER TO SHEET A- 582 FOR HEAT PUMP DETAILS
21. REFER TO SHEETS A-561 TO A-574 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 2-22. REFER TO SHEETS X-600 TO X-701 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 23-40.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL 5/A-422 & 4/A-422
9. ONE HOUR RATED BACK-UP FURRING WALL REFER TO DETAIL 6/A-422
10. GLASS WALL SEE FINISH SCHEDULE
11. NOT IN USE
12. LOUVERS AT EXTERIOR WALL, SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
13. EXTERIOR WALL/GLASS STOREFRONT AND DOORS TO GARDEN
14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION COURSE AND WATERPROOFING MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-422.20
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
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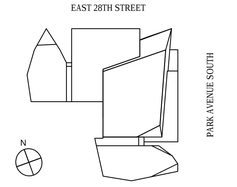
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019693-1 STATE OF NEW YORK

DRAWING TITLE:
30TH FLOOR PLAN & ROOF PLAN AT PARK AVE SOUTH PAVILLION

DRAWING NO:
A-130.00

NYC DOB NO: 121181808

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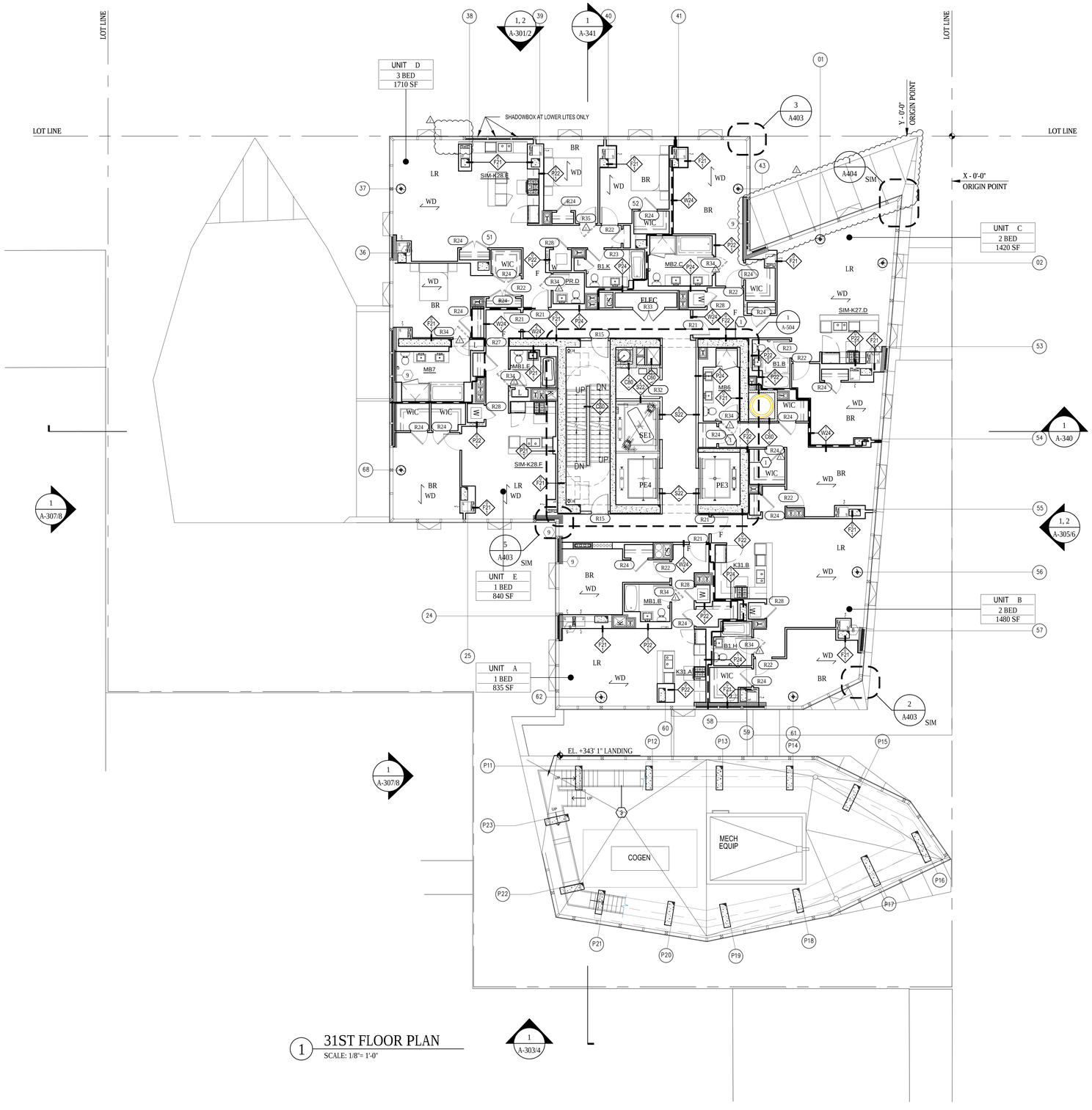

1 31ST FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

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3. GALVANIZED STEEL CATWALK SEE DRAWING A.406
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & 4/A-422
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14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION COURSE AND WATERPROOF MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-421.20
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

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NO.	DATE	ISSUANCE
	02.03.12	FOUNDATION PERMIT
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3	06.15.12	CONSTRUCTION DOCUMENTS
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1	07.09.12	ASI 008
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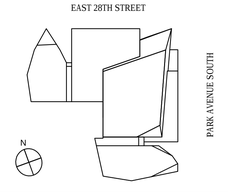
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
31ST FLOOR PLAN
(32ND - 36TH SIMILAR)

DRAWING NO:
A-131.00

NYC DOB NO: 121181808

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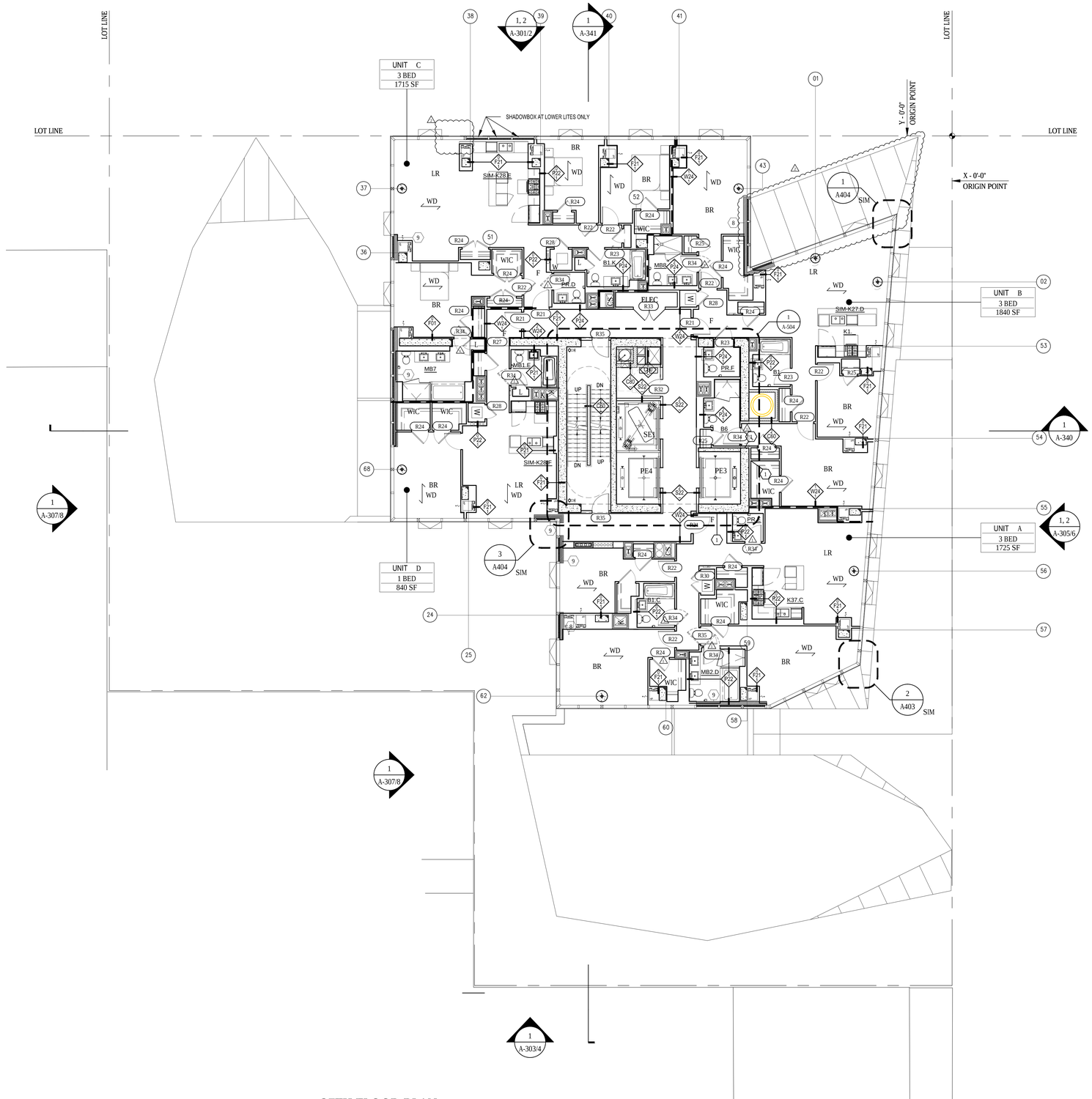
DEPT OF BLDGS121181808 Job Number
ES0759685686 Scan Code


LOT LINE
LOT LINE
LOT LINE
UNIT C
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1715 SF
SHADOWBOX AT LOWER LITES ONLY
X - 0'-0"
ORIGIN POINT
X - 0'-0"
ORIGIN POINT
UNIT B
3 BED
1840 SF
UNIT A
3 BED
1725 SF
UNIT D
1 BED
840 SF
SIM-K28.E
SIM-K28.F
SIM-K27.D
MB7
MB1.E
MB2.D
B1.C
K37.C
SE1
PE4
PE3
ELEC
1, 2
A-301/2
1
A-341
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A404
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1
A-504
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A-307/8
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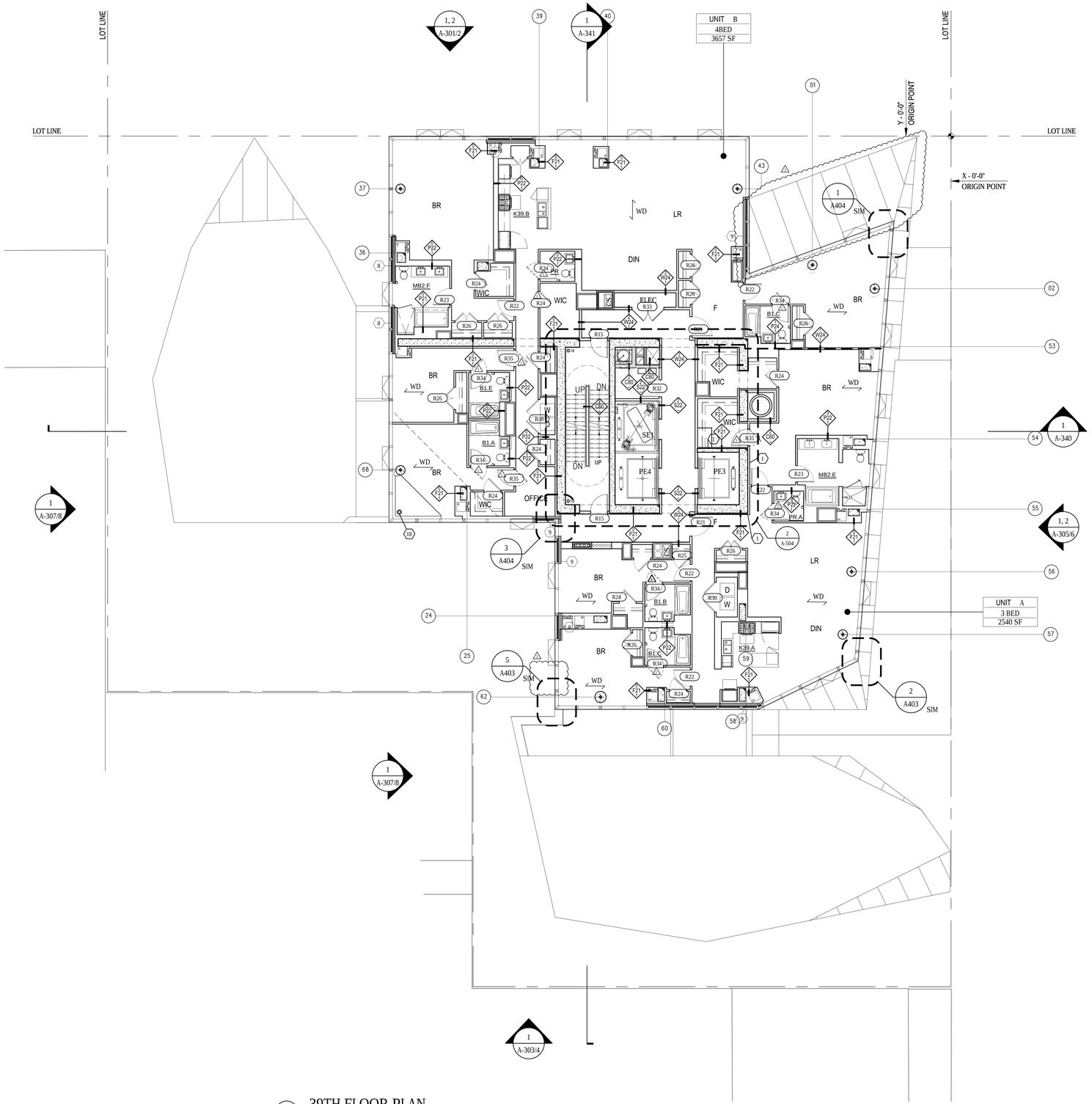

1 39TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- OD — OVERFLOW DRAIN
- HB — HOSE BIB

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES SPECIFIED IN G002.
8. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
9. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
10. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
11. ALL LINEN CLOSETS TO RECEIVE ¾"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
15. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
16. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
17. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
19. ALL WASHER/ DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
20. REFER TO SHEET A- 582 FOR HEAT PUMP DETAILS
21. REFER TO SHEETS A-561 TO A-574 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 2-22. REFER TO SHEETS X-600 TO X-701 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 23-40.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.406
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & A/A-422
9. ONE HOUR RATED BACK-UP FURRING WALL REFER TO DETAIL S/A-422
10. GLASS WALL SEE FINISH SCHEDULE
11. NOT IN USE
12. LOUVERS AT EXTERIOR WALL, SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
13. EXTERIOR WALL/GLASS STOREFRONT AND DOORS TO GARDEN
14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND WATERPROOF MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-422.20
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date: Tue, Aug 28, 2012 – 9:33 AM
NYC Development Hub

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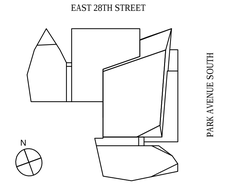
NO.	DATE	ISSUANCE
	02.03.12	FOUNDATION PERMIT
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.09.12	ASI 008
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
39TH FLOOR PLAN

DRAWING NO:
A-139.00

NYC DOB NO: 121181808

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DEPT OF BLDGS 121181808 Job Number
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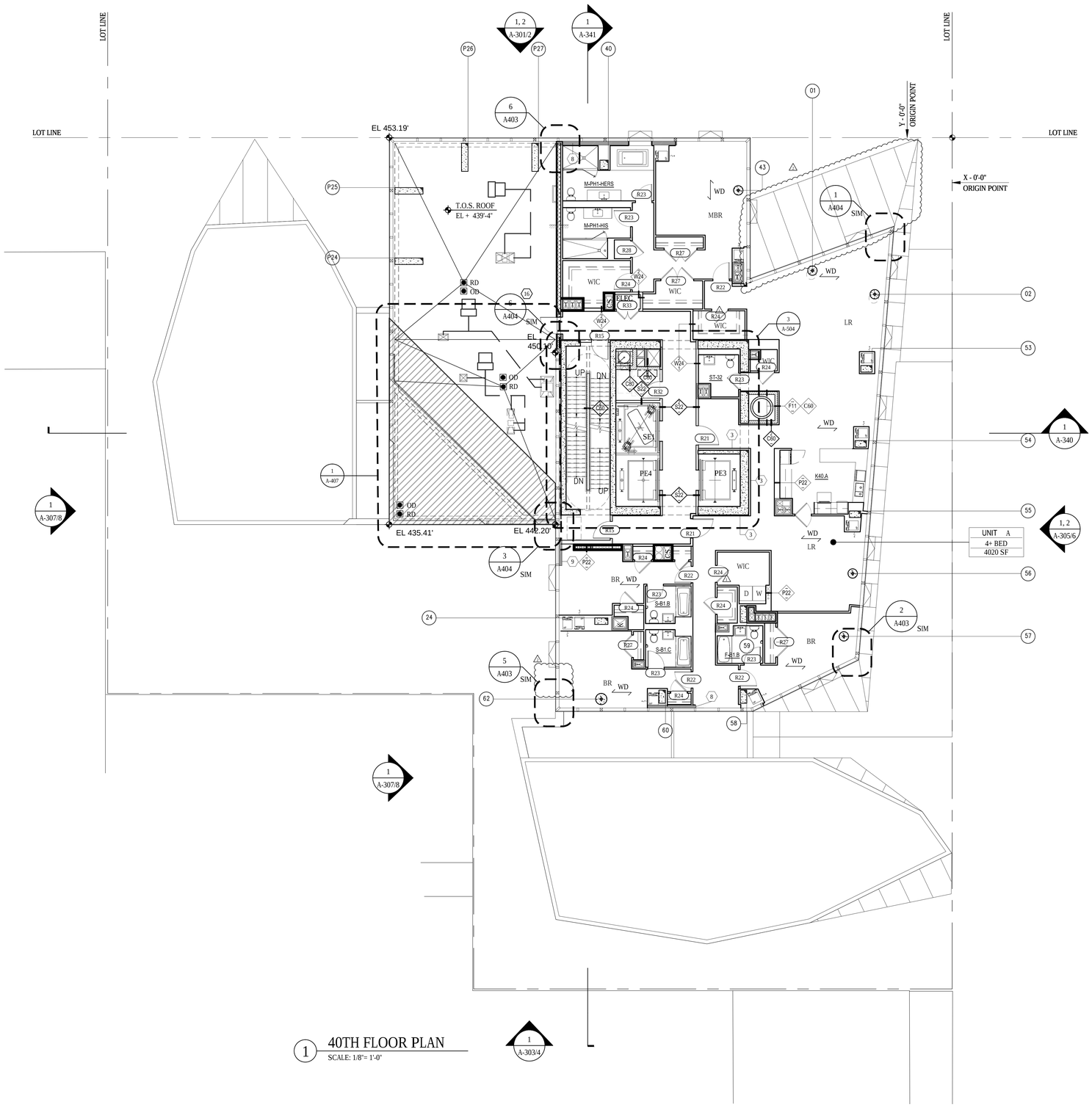

1 40TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- OD — OVERFLOW DRAIN
- HB — HOSE BIB

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
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4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES SPECIFIED IN G002.
8. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
9. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
10. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
11. ALL LINEN CLOSETS TO RECEIVE ¾"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
15. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
16. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
17. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
19. ALL WASHER/ DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
20. REFER TO SHEET A- 582 FOR HEAT PUMP DETAILS
21. REFER TO SHEETS A-561 TO A-574 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 2-22. REFER TO SHEETS X-600 TO X-701 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 23-40.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A-496
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL 9/A-422 & 4/A-422
9. ONE HOUR RATED BACK-UP FURRING WALL REFER TO DETAIL 6/A-422
10. GLASS WALL SEE FINISH SCHEDULE
11. NOT IN USE
12. LOUVERS AT EXTERIOR WALL, SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
13. EXTERIOR WALL/GLASS STOREFRONT AND DOORS TO GARDEN
14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION AND DRAINAGE MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-496
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
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NYC Development Hub

400PAS

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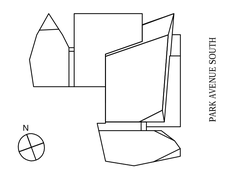
NO.	DATE	ISSUANCE
	02.03.12	FOUNDATION PERMIT
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.09.12	ASI 008
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
40TH FLOOR PLAN

DRAWING NO:
A-140.00

NYC DOB NO: 121181808

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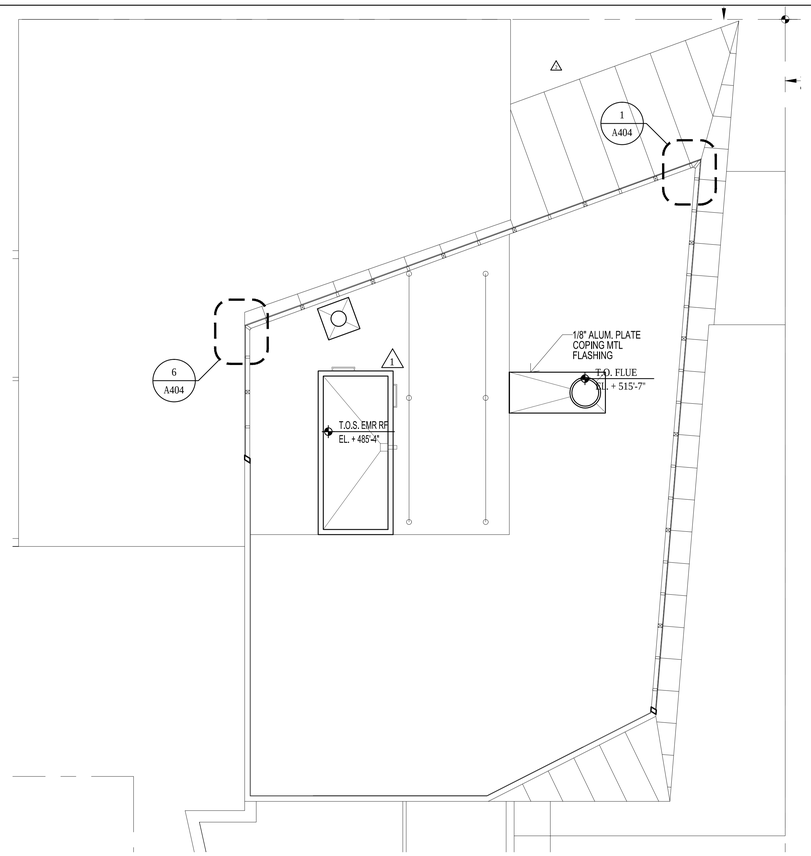
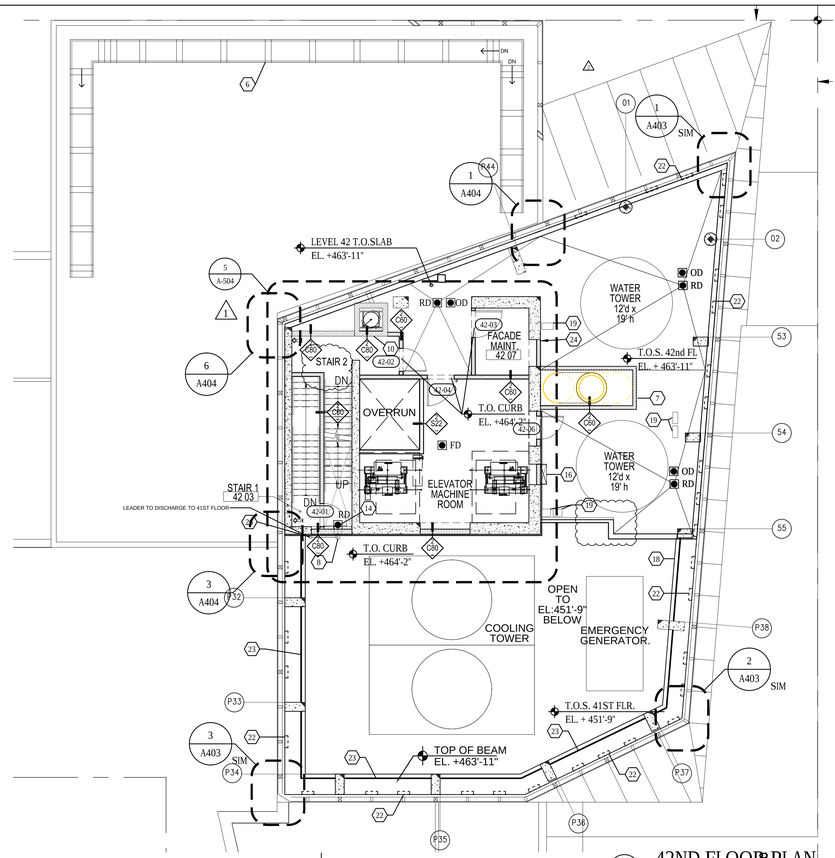
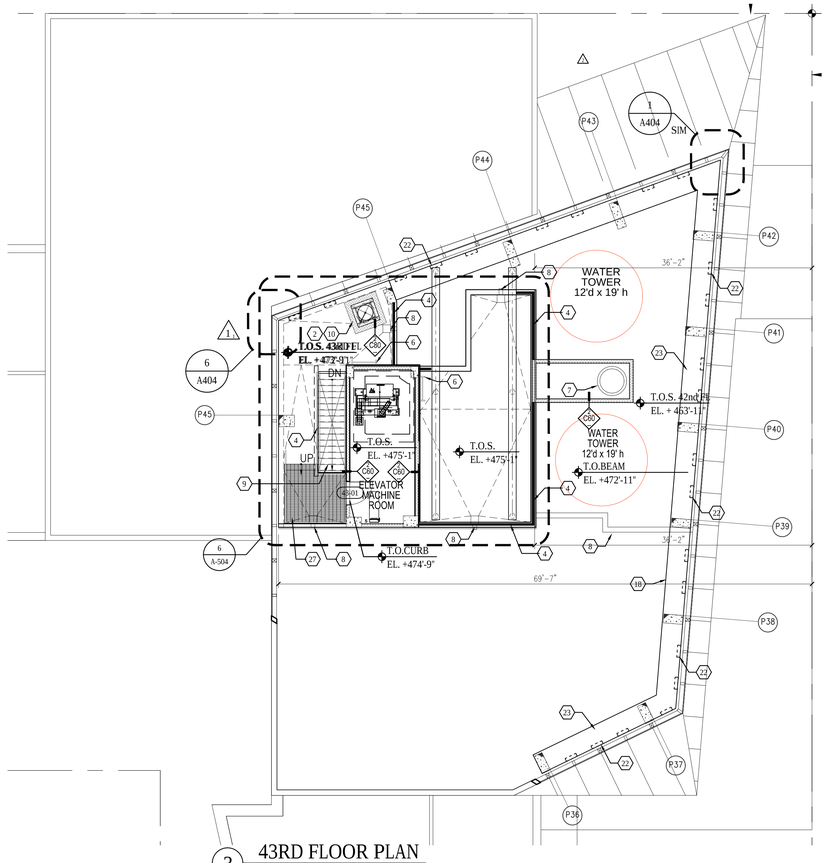
DEPT OF BLDGS 121181808 Job Number
ES0906365180 Scan Code



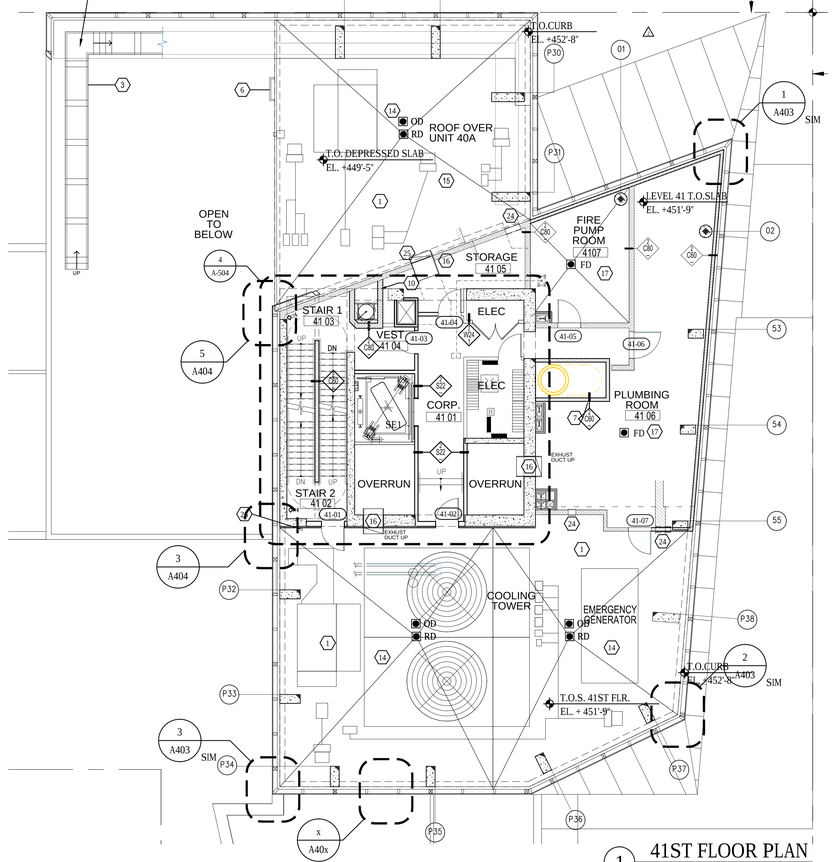
3 EMR ROOF PLAN
SCALE: 1/8"= 1'-0"



2 42ND FLOOR PLAN
SCALE: 1/8"= 1'-0"



3 43RD FLOOR PLAN
SCALE: 1/8"= 1'-0"



1 41ST FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
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GENERAL NOTES

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3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
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6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N. SEE DETAIL 4/A701
9. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
10. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
11. REFER TO DRAWINGS X-00 THROUGHX-000 FOR INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
12. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMSING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 1-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMSING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.

KEYED NOTES

1. ROOF PAVER -TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND FLUID-APPLIED W.P. MEMBRANE
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK
4. GALV. 1-1/2" DIA. PIPE RAILING ANCHORED TO STRUCTURE AT 5'-0" O.C.
5. ELASTOMERIC PROTECTIVE COATING OVER EXPOSED CONCRETE AND CMU
6. VERTICAL STEEL LADDER
7. BOILER FLUE - 2 HOUR RATED ENCLOSURE
8. SCUPPER W/ 4" PIPE LEADER SPLASH BLOCK
9. STAIR OPEN TO SKY
10. TRASH CHUTE - 2 HOUR RATED ENCLOSURE
11. EXTERIOR INSULATION AND FINISH SYSTEM
12. ROOF CURB
13. CONC. SHEAR WALL
14. ROOF DRAIN
15. REFERENCE RCP & EDGE OF SLAB FOR DROP IN SLAB CEILING HEIGHT @ ART. 49'-
16. SMOKE VENT
17. FLOOR DRAIN
18. CONCRETE RING BEAM - REF. STRUCT. DWGS
19. KITCHEN AND TOILET EXHAUST SHAFTS - REF. MEP DWGS
20. WINDSCREEN
21. GALVANIZED STEEL CATWALKS ABOVE FOR FACADE MAINTENANCE EQUIPMENT.
22. TOWER LIGHTING. REFER TO ELEVATIONS AND LIGHTING SCHEDULE
23. TOWER LIGHTING SCREEN. REFER TO ELEVATIONS AND LIGHTING SCHEDULE
24. MECH. INTAKE LOUVER. MIN 10' ABOVE EXTERIOR FINISH LEVEL
25. MECH. EXHAUST LOUVER. MIN 10' ABOVE EXTERIOR FINISH LEVEL
26. LEADER
27. GALV. STEEL STAIR, LANDING AND RAILING. MISCELLANEOUS METALS

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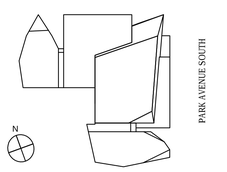
KEY PLAN



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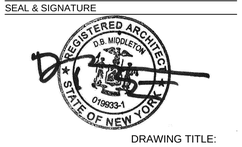

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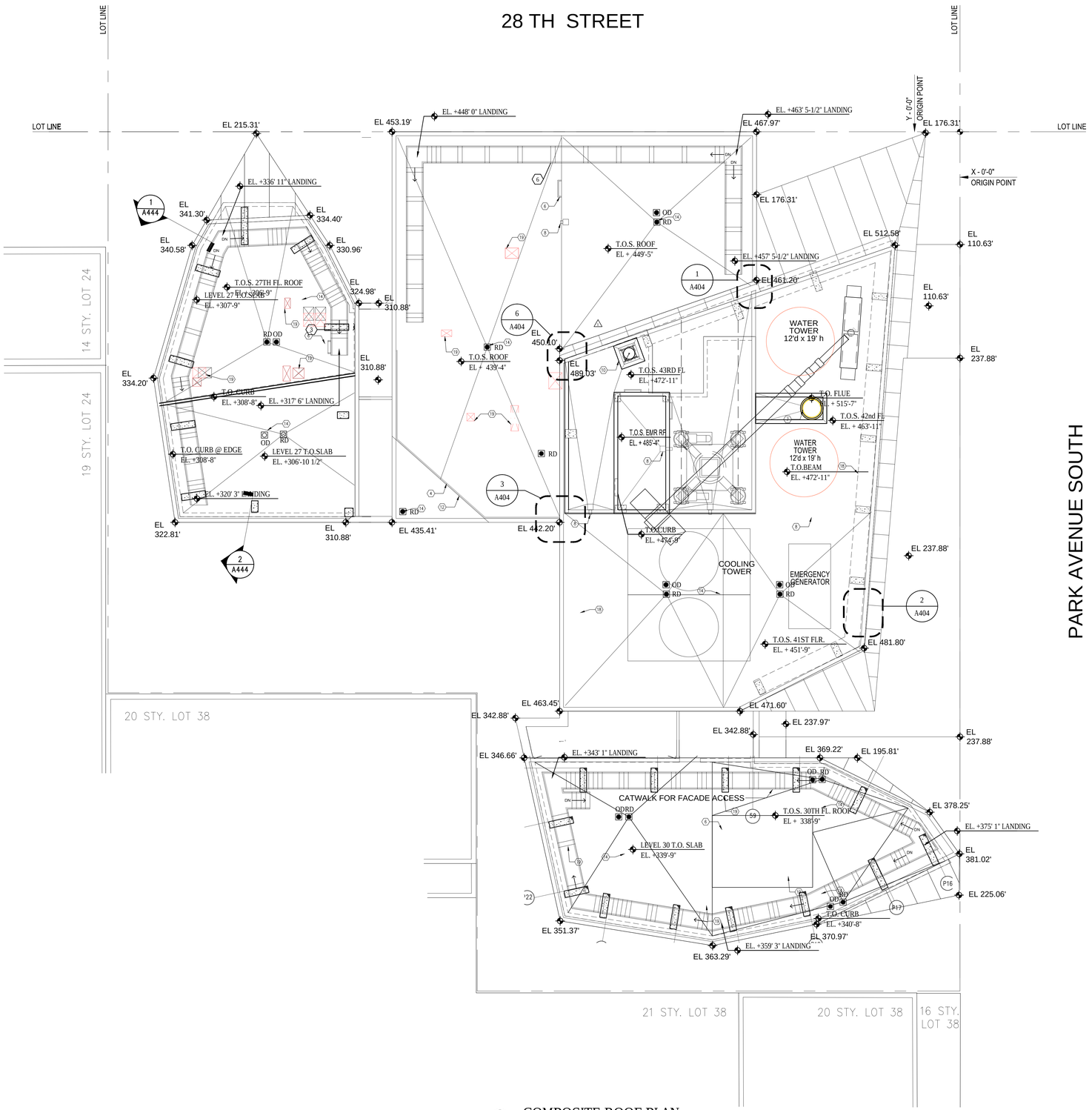

1 COMPOSITE ROOF PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- OD — OVERFLOW DRAIN
- HB — HOSE BIB

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N. SEE DETAIL 4/A701
9. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
10. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
11. REFER TO DRAWINGS X-00 THROUGHX-000 FOR INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
12. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMSING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 1-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMSING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F22 U.O.N.

KEYED NOTES

1. ROOF PAVER -TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND FLUID-APPLIED W.P. MEMBRANE
2. 2'x2'x2" PRECAST CONCRETE PAVERS
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9. STAIR OPEN TO SKY
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14. ROOF DRAIN
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23. TOWER LIGHTING SCREEN. REFER TO ELEVATIONS AND LIGHTING SCHEDULE
24. MECH. INTAKE LOUVER, MIN 10' ABOVE EXTERIOR FINISH LEVEL
25. MECH. EXHAUST LOUVER, MIN 15' ABOVE EXTERIOR FINISH LEVEL
26. LEADER
27. GALV. STEEL STAIR, LANDING AND RAILING. MISCELLANEOUS METALS

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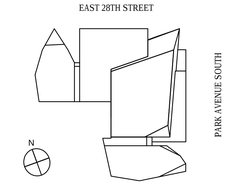
△	08.09.12	ASI 026

KEY PLAN



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COMPOSITE ROOF PLAN

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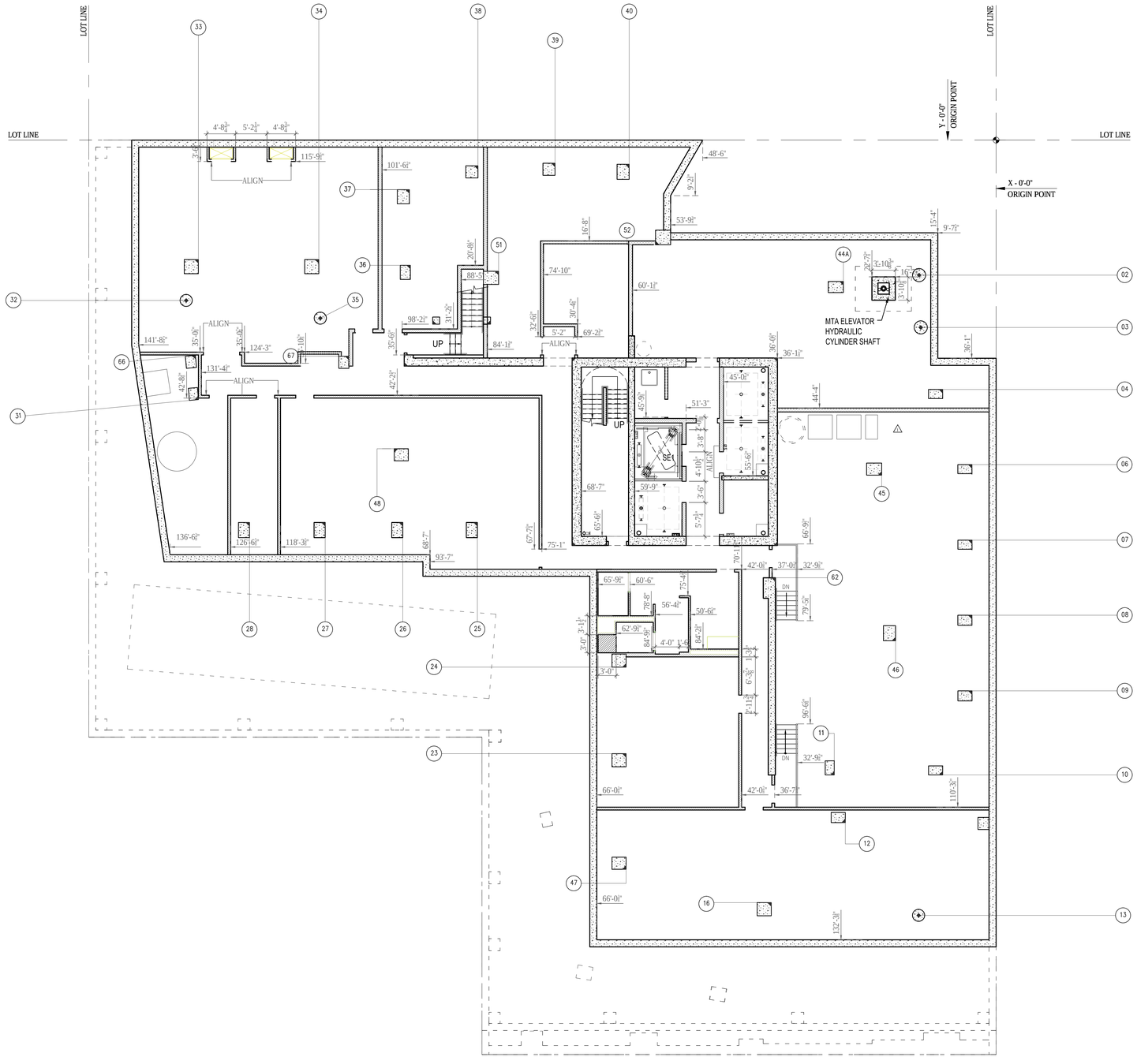

1 SUB-CELLAR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- HB — HOSE BIB
- INFORMATION ON THESE AREAS IS IDENTICAL TO THE SAME AREA ON ANOTHER FLOOR SET. NOTE FOR REFERENCE
- ORIGIN
- ALIGN — INDICATES ALIGNMENT OF SURFACES

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
9. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
10. ALL LINEN CLOSETS TO RECEIVE ¾" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
11. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
12. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
13. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
14. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
15. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
16. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
17. PROVIDE STONE TILE AND STONE SILL AT RESIDENTIAL BATHROOMS.
18. ALL WASHER/DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
19. REFER TO SHEET XXX FOR HEAT PUMP DETAILS

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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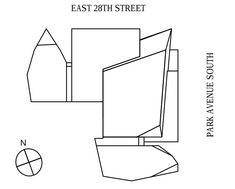
⚠	07.11.12	ASI 009

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:
SUB-CELLAR DIMENSION PLAN

DRAWING NO:
A-149.00

NYC DOB NO: 121181808

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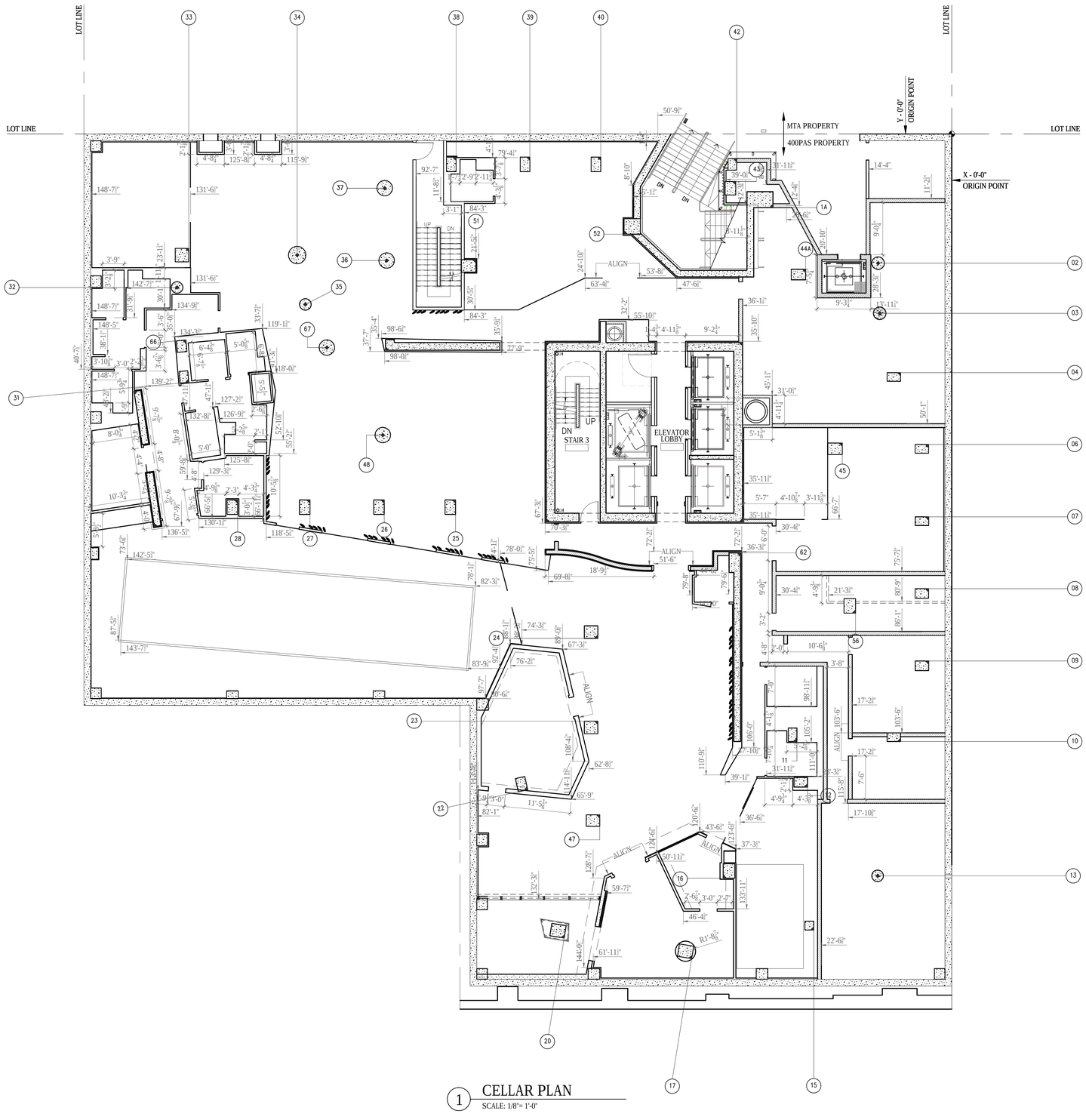
ES366539050 Scan Code



1 CELLAR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- HB — HOSE BIB
- INFORMATION ON THESE AREAS IS IDENTICAL TO THE SAME AREA ON ANOTHER FLOOR SET. NOTE FOR REFERENCE
- ORIGIN
- ALIGN — INDICATES ALIGNMENT OF SURFACES

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
9. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
10. ALL LINEN CLOSETS TO RECEIVE ¾"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
11. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
12. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
13. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
14. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
15. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
16. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
17. PROVIDE STONE TILE AND STONE SILL AT RESIDENTIAL BATHROOMS.
18. ALL WASHER/DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
19. REFER TO SHEET XXX FOR HEAT PUMP DETAILS

PARTITION NOTES

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2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

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3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
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5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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	02.03.12	FOUNDATION PERMIT
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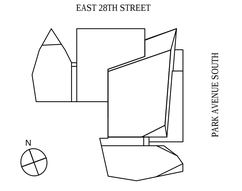
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
CELLAR DIMENSION PLAN

DRAWING NO:
A-150.00

NYC DOB NO: 121181808

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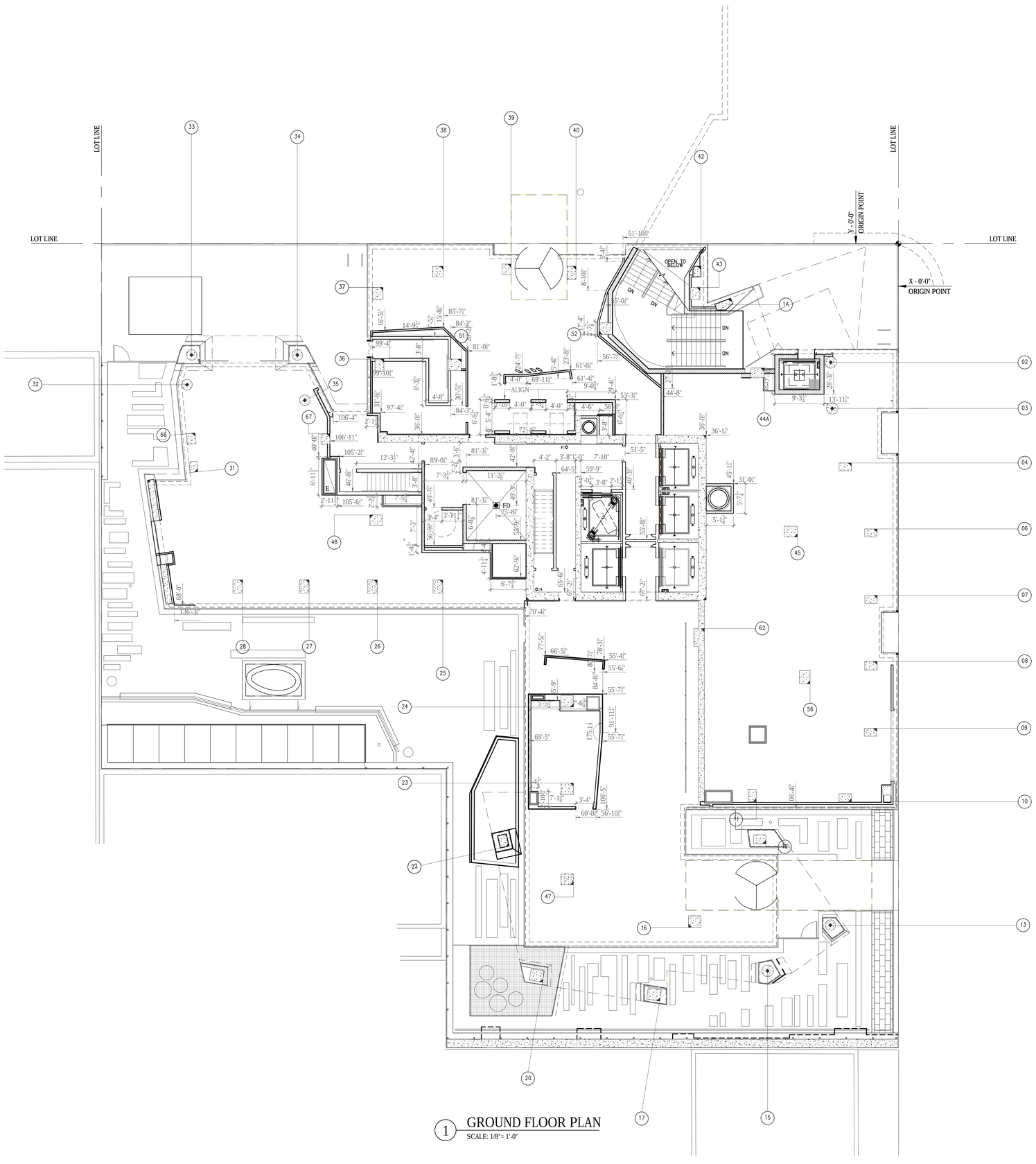

1 GROUND FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

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- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
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4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. ALL OUTLETS, INCLUDING PERIMETER OUTLETS MUST BE MOUNTED WITHIN CLEARANCES SPECIFIED IN G002.
8. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
9. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
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11. ALL LINEN CLOSETS TO RECEIVE ¾"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
12. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES. WATERPROOFING TO EXTEND UP 6' U.O.N.
13. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
14. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
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18. PROVIDE STONE SILL AT RESIDENTIAL BATHROOMS AND RESIDENTIAL ENTRY DOORS.
19. ALL WASHER/ DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
20. REFER TO SHEET A- 582 FOR HEAT PUMP DETAILS
21. REFER TO SHEETS A-561 TO A-574 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 2-22. REFER TO SHEETS X-600 TO X-701 FOR KITCHEN AND BATHROOM TYPES AT FLOORS 23-40.

PARTITION NOTES

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KEYED NOTES

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3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS
8. NON-RATED BACKUP FURRING WALL SEE DETAIL S/A-422 & 4/A-422
9. ONE HOUR RATED BACKUP FURRING WALL REFER TO DETAIL 6/A-422
10. GLASS WALL SEE FINISH SCHEDULE
11. NOT IN USE
12. LOUVERS AT EXTERIOR WALL. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
13. EXTERIOR WALL/GLASS STOREFRONT AND DOORS TO GARDEN
14. EXTERIOR PAVER - TYPE 1
15. EXTERIOR PAVER - TYPE 2
16. EXTERIOR PAVER - TYPE 3 - 4" RIGID INSULATION, PROTECTION BOARD AND 4-PLY MEMBRANE
17. GLASS SCREEN WALL W/SANDBLASTED FINISH SEE A-411.00
18. LEADER FROM ABOVE, ENCASED IN GFRG COLUMN WITH PLASTER FINISH

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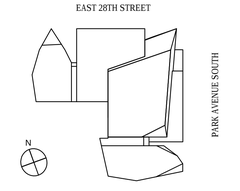
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
GROUND FLOOR DIMENSION PLAN

DRAWING NO:
A-151.00

NYC DOB NO: 121181808

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DEPT OF BLDGS 121181808 Job Number
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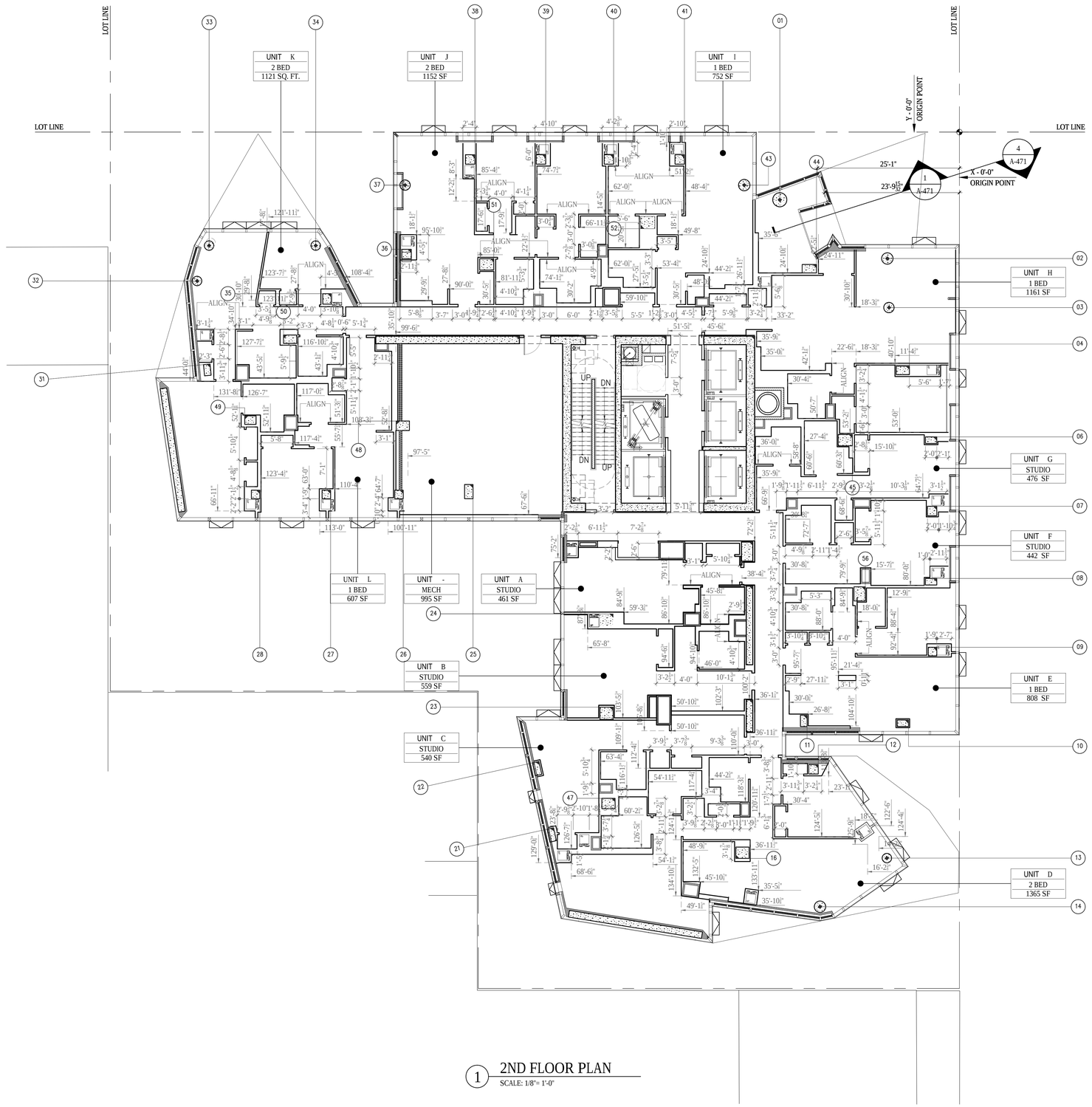

1 2ND FLOOR PLAN
SCALE: 1/8"= 1'-0"

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2	05.15.12	80% CDS / GMP SET
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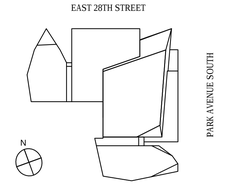
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
2ND FLOOR DIMENSION PLAN

DRAWING NO:
A-152.00

NYC DOB NO: 121181808

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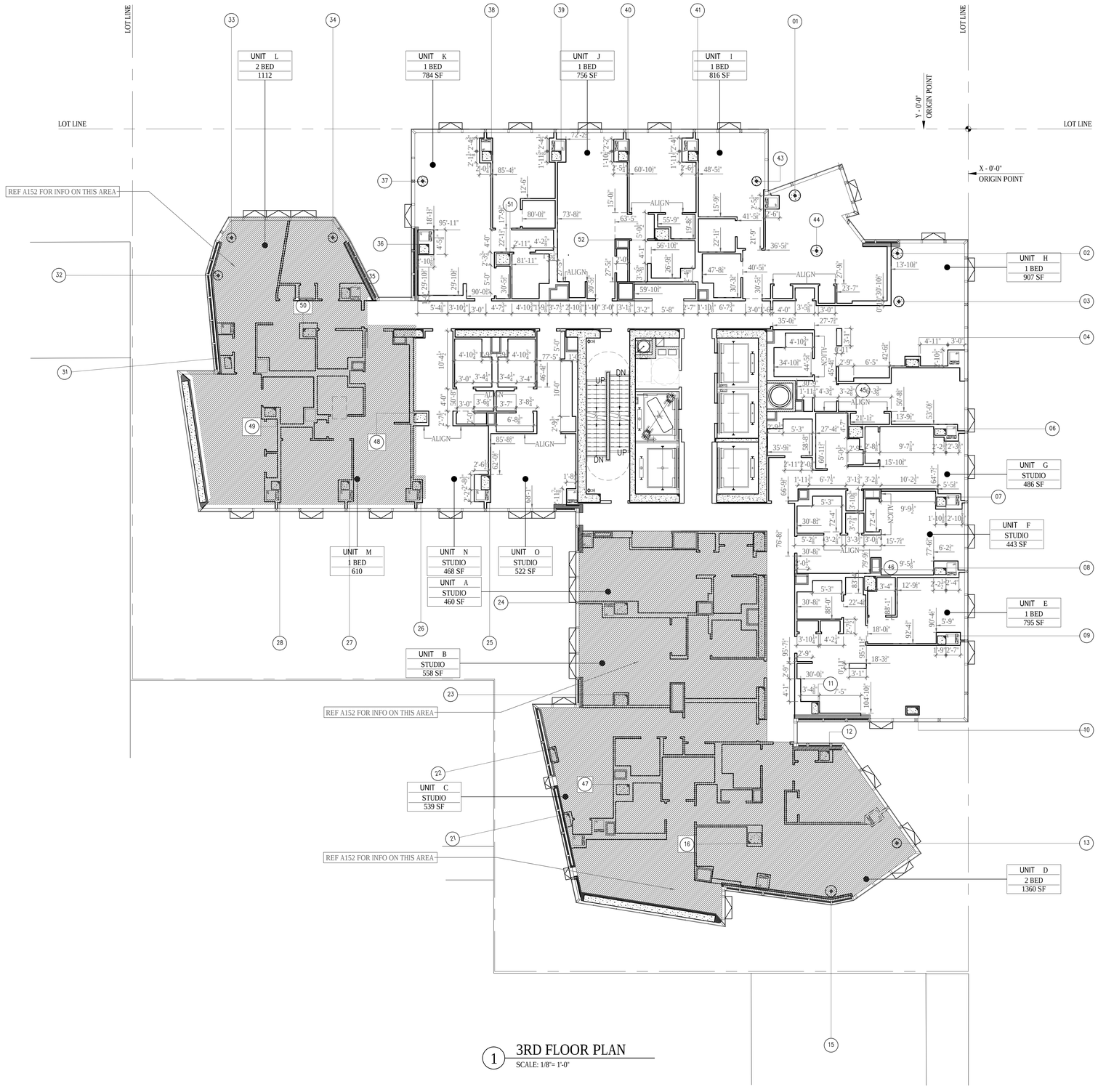
ES892209718 Scan Code



1 3RD FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- HB — HOSE BIB
- INFORMATION ON THESE AREAS IS IDENTICAL TO THE SAME AREA ON ANOTHER FLOOR SET. NOTE FOR REFERENCE
- ORIGIN
- ALIGN — INDICATES ALIGNMENT OF SURFACES

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
9. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
10. ALL LINEN CLOSETS TO RECEIVE ¾"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
11. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
12. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
13. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
14. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
15. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
16. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
17. PROVIDE STONE TILE AND STONE SILL AT RESIDENTIAL BATHROOMS.
18. ALL WASHER/DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
19. REFER TO SHEET XXX FOR HEAT PUMP DETAILS

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE 2 S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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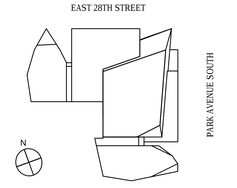
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
3RD FLOOR DIMENSION PLAN (4TH - 6TH SIMILAR)

DRAWING NO:
A-153.00

NYC DOB NO: 121181808

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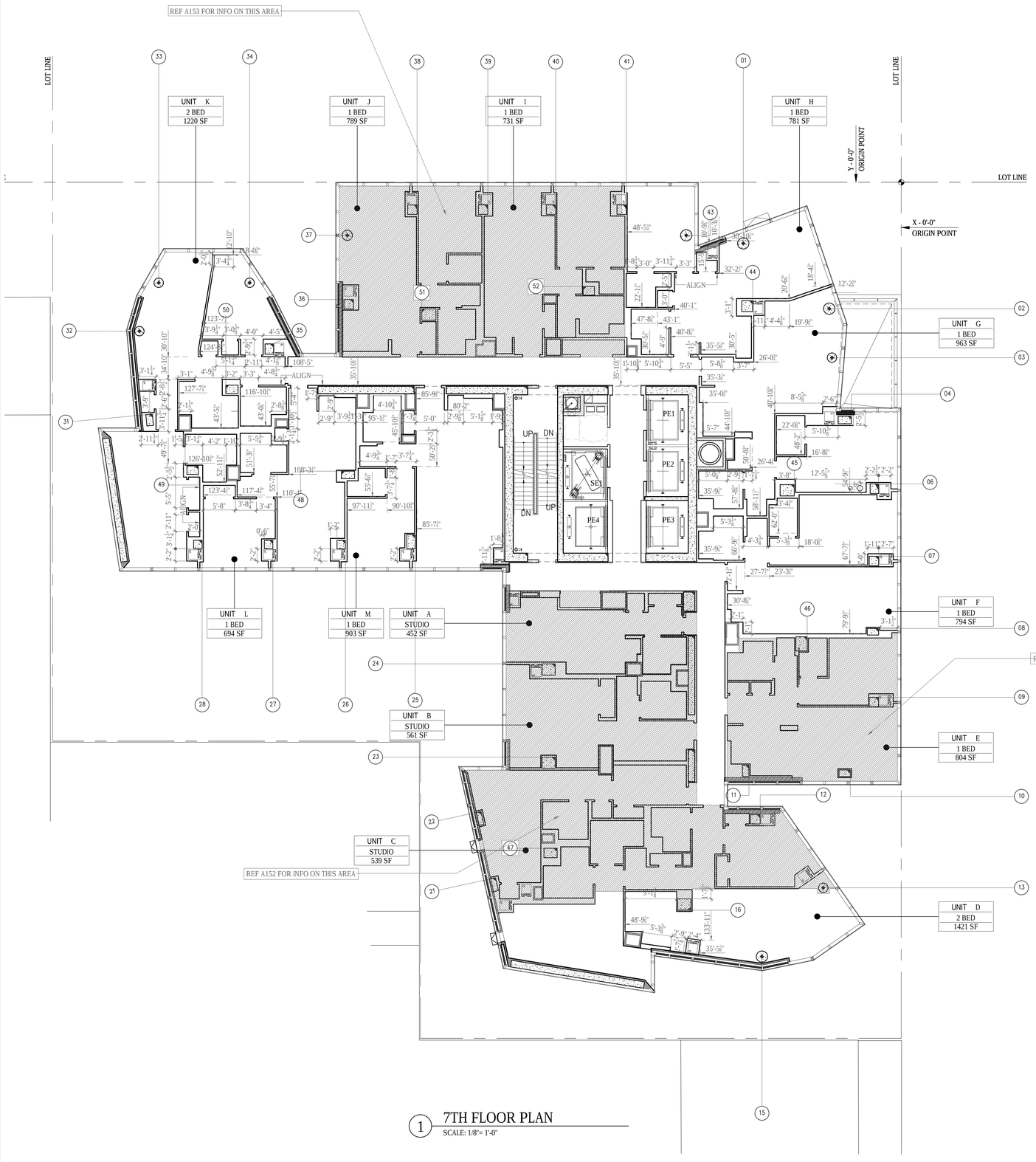
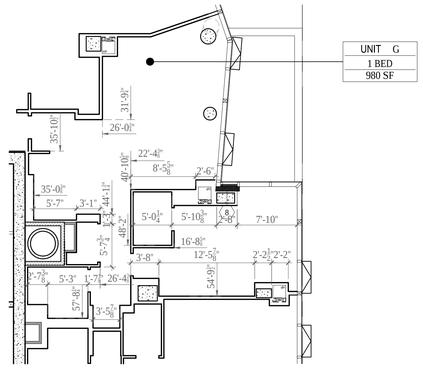


1 7TH FLOOR PLAN
SCALE: 1/8"= 1'-0"



2 8-19TH FLOOR PLAN (PARTIAL)
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
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- ALIGN — INDICATES ALIGNMENT OF SURFACES

GENERAL NOTES

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7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
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3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
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11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

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2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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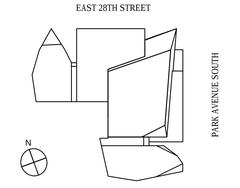
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.S. MIDDLETON 010933-1 STATE OF NEW YORK

DRAWING TITLE:
7TH FLOOR DIMENSION PLAN (8TH - 19TH SIMILAR)

DRAWING NO:
A-157.00

NYC DOB NO: 121181808

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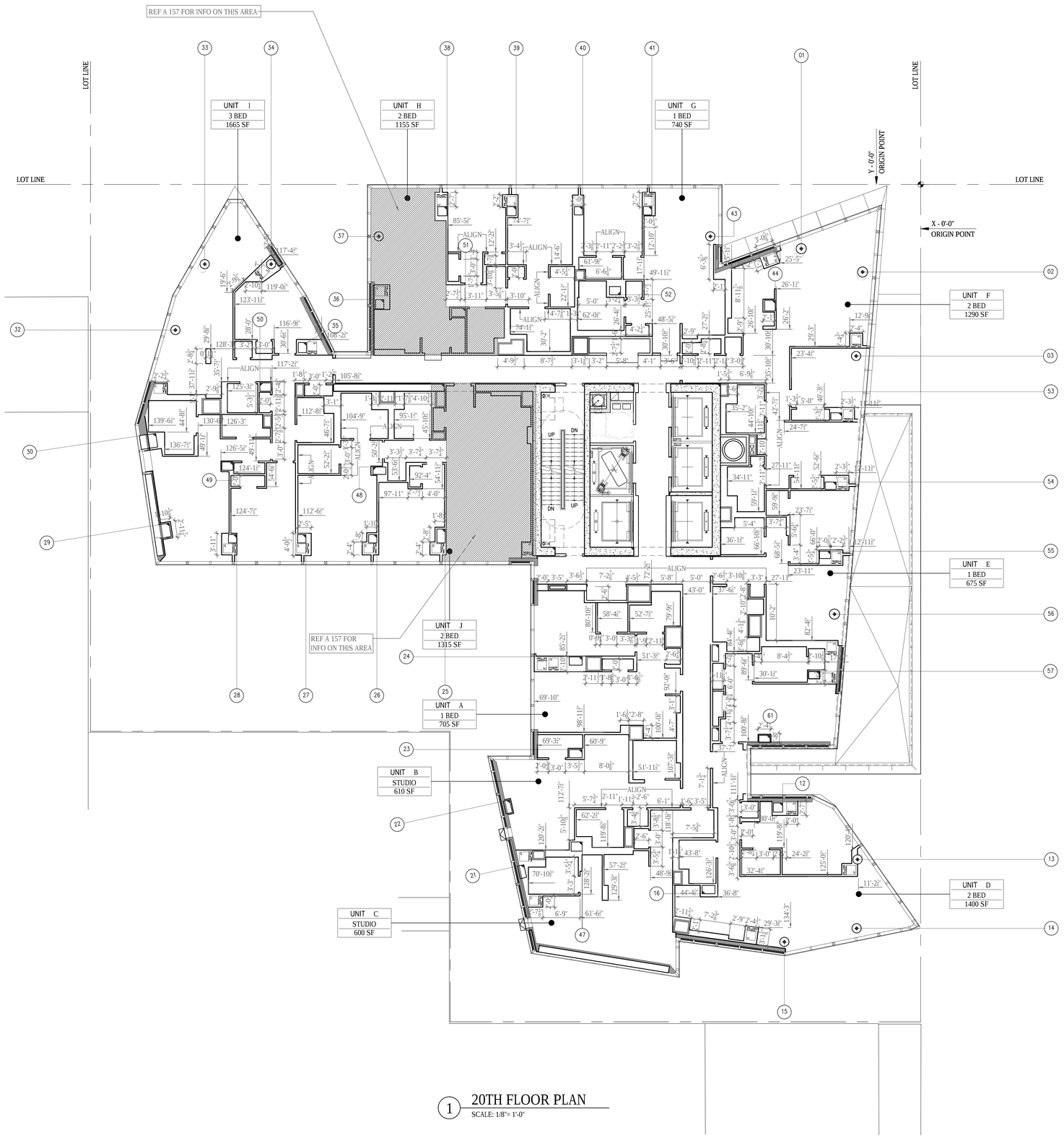
ES618304208 Scan Code



1 20TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
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9. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
10. ALL LINEN CLOSETS TO RECEIVE ¾" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
11. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
12. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
13. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
14. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
15. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
16. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
17. PROVIDE STONE TILE AND STONE SILL AT RESIDENTIAL BATHROOMS.
18. ALL WASHER/DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
19. REFER TO SHEET XXX FOR HEAT PUMP DETAILS

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 V U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
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3. GALVANIZED STEEL CATWALK SEE DRAWING A.406
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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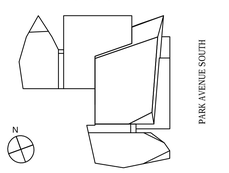
4	08.10.12	DOB SUBMISSION

KEY PLAN



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20TH FLOOR DIMENSION PLAN

DRAWING NO:
A-160.00

NYC DOB NO: 121181808

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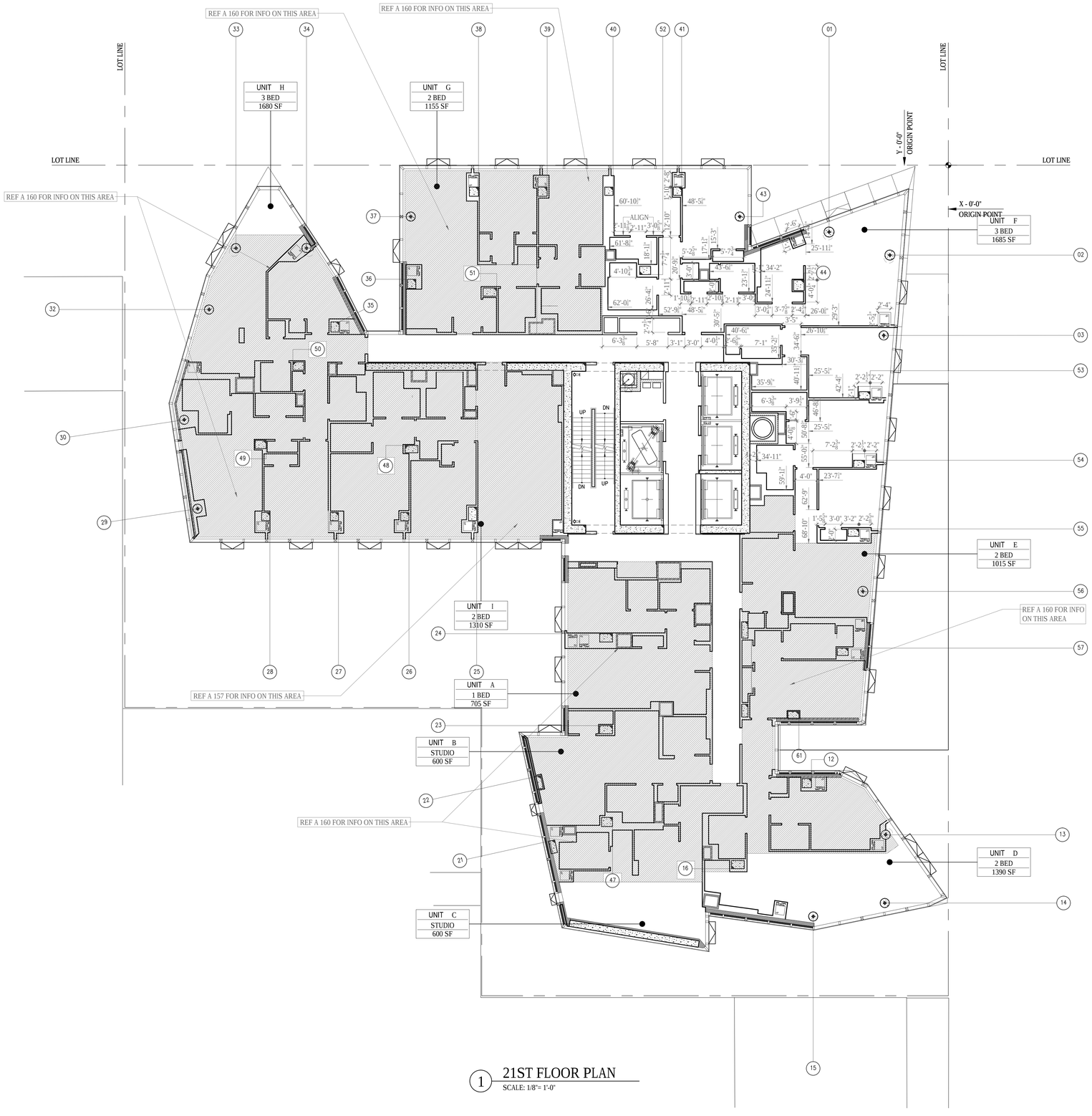

1 21ST FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- HB — HOSE BIB
- INFORMATION ON THESE AREAS IS IDENTICAL TO THE SAME AREA ON ANOTHER FLOOR SET. NOTE FOR REFERENCE
- ORIGIN
- ALIGN — INDICATES ALIGNMENT OF SURFACES

GENERAL NOTES

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2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
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4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
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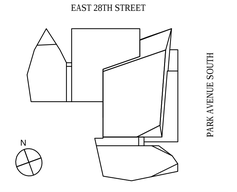
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
21ST FLOOR DIMENSION PLAN (22ND SIMILAR)

DRAWING NO:
A-161.00

NYC DOB NO: 121181808

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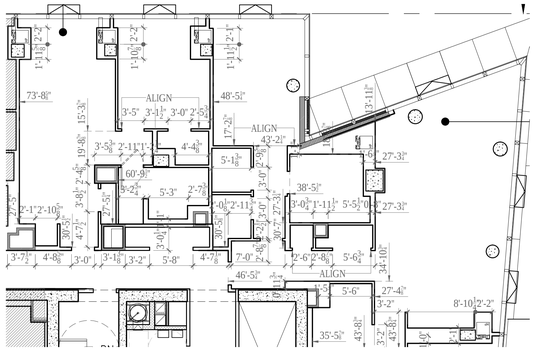

3 UNIT D 25TH & 26TH FL.
SCALE: 1/8"= 1'-0"

1 23RD FLOOR PLAN
SCALE: 1/8"= 1'-0"

2 UNIT B 26TH FLOOR
SCALE: 1/8"= 1'-0"

LEGEND

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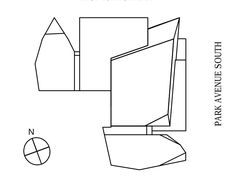
△	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 010933-1 STATE OF NEW YORK

DRAWING TITLE:
23RD FLOOR DIMENSION PLAN (24TH, 25TH & 26TH SIMILAR)

DRAWING NO:
A-163.00

NYC DOB NO: 121181808

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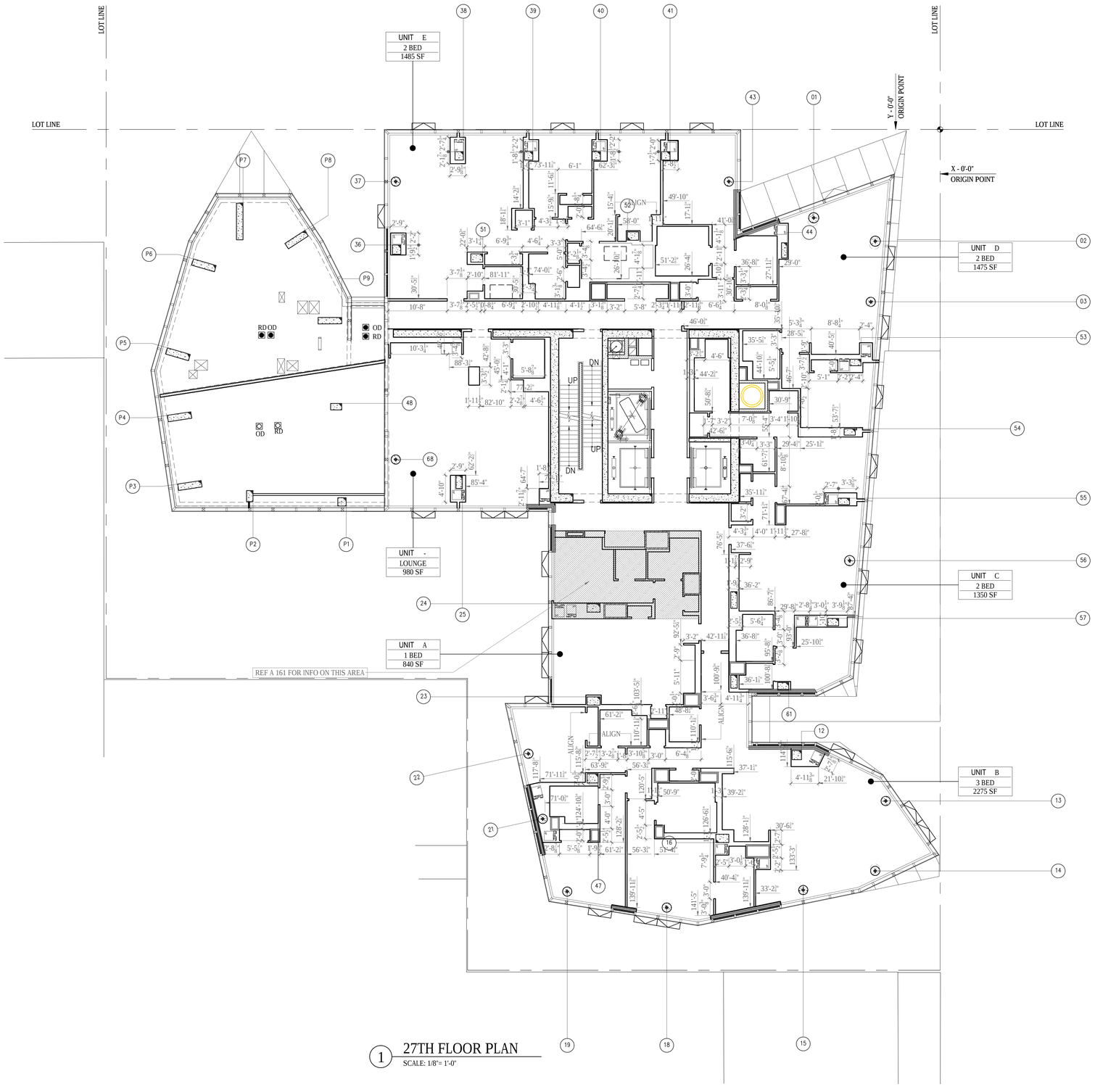
DEPT OF BLDGS121181808 Job Number
ES5500809055 Scan Code



1 27TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- HB — HOSE BIB
- INFORMATION ON THESE AREAS IS IDENTICAL TO THE SAME AREA ON ANOTHER FLOOR SET. NOTE FOR REFERENCE
- ORIGIN
- ALIGN — INDICATES ALIGNMENT OF SURFACES

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
9. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
10. ALL LINEN CLOSETS TO RECEIVE ¾"" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
11. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
12. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
13. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
14. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
15. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
16. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
17. PROVIDE STONE TILE AND STONE SILL AT RESIDENTIAL BATHROOMS.
18. ALL WASHER/DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
19. REFER TO SHEET XXX FOR HEAT PUMP DETAILS

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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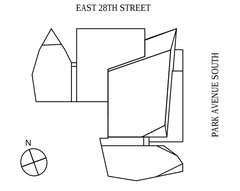
	02.03.12	FOUNDATION PERMIT
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:
27TH FLOOR DIMENSION PLAN & ROOF PLAN AT 28TH ST PAVILION

DRAWING NO:
A-167.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
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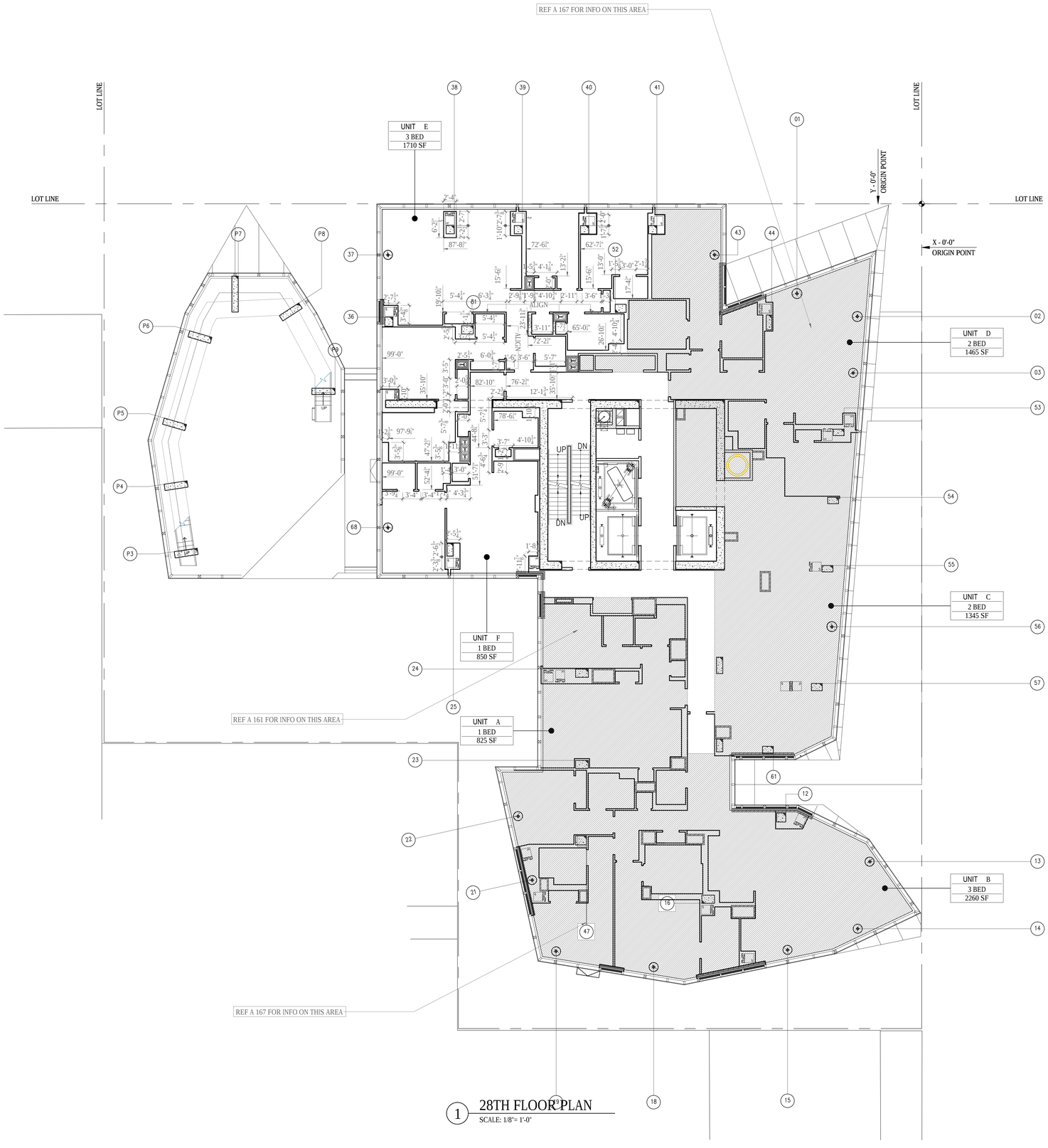

1 28TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
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- APARTMENT INTERCOM
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KEYED NOTES

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4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
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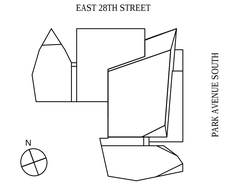
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019833-1 STATE OF NEW YORK

DRAWING TITLE:
28TH FLOOR DIMENSION PLAN (29TH SIMILAR)

DRAWING NO:
A-168.00

NYC DOB NO: 121181808

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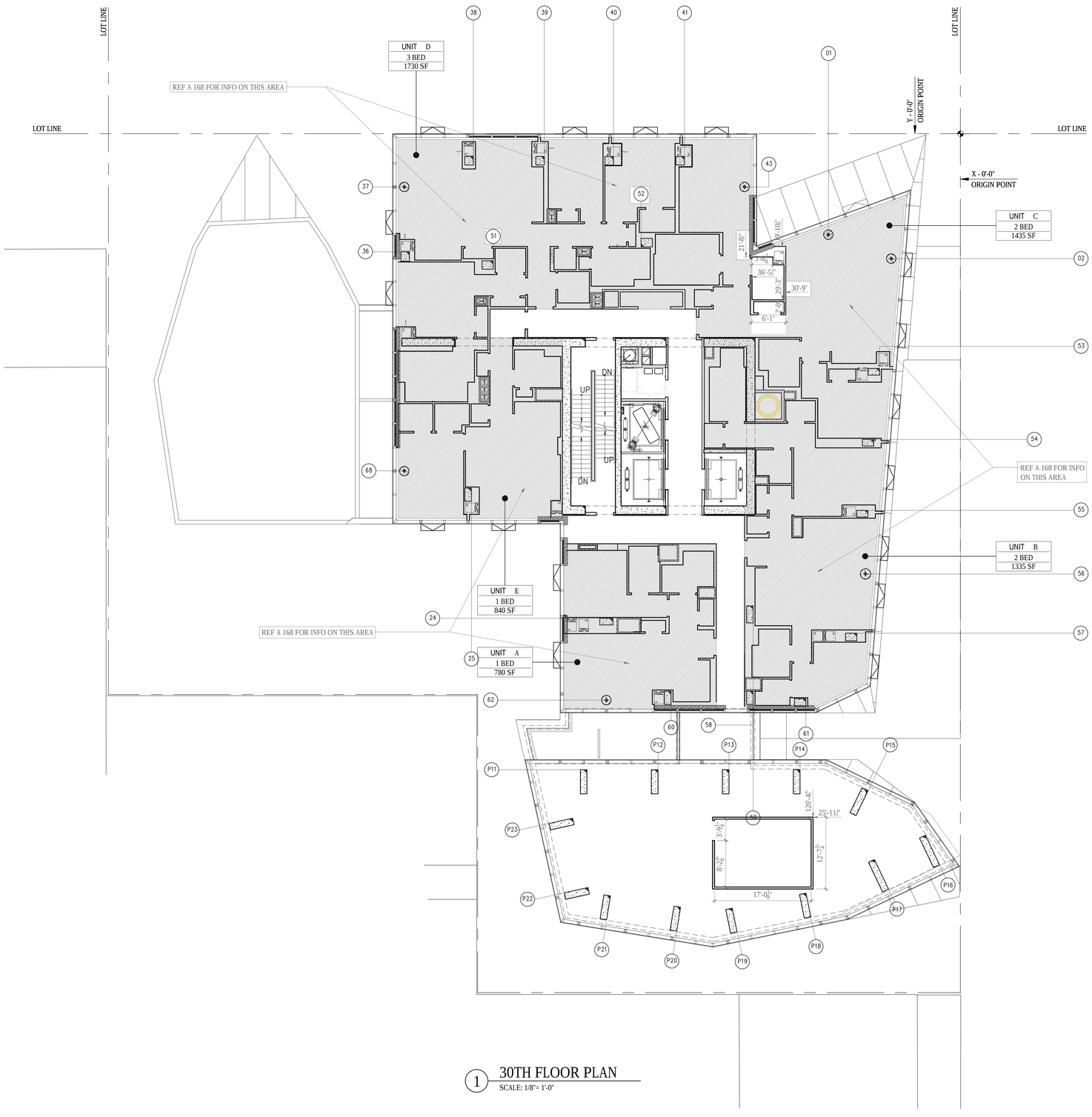
DEPT OF BLDGS121181808 Job Number
ES8724851234 Scan Code



1 30TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

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10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
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KEYED NOTES

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INTERIOR DESIGN
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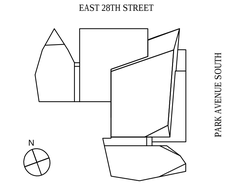
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874

SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
30TH FLOOR DIMENSION PLAN & ROOF PLAN AT PARK AVE SOUTH PAVILLION

DRAWING NO:
A-170.00

NYC DOB NO: 121181808

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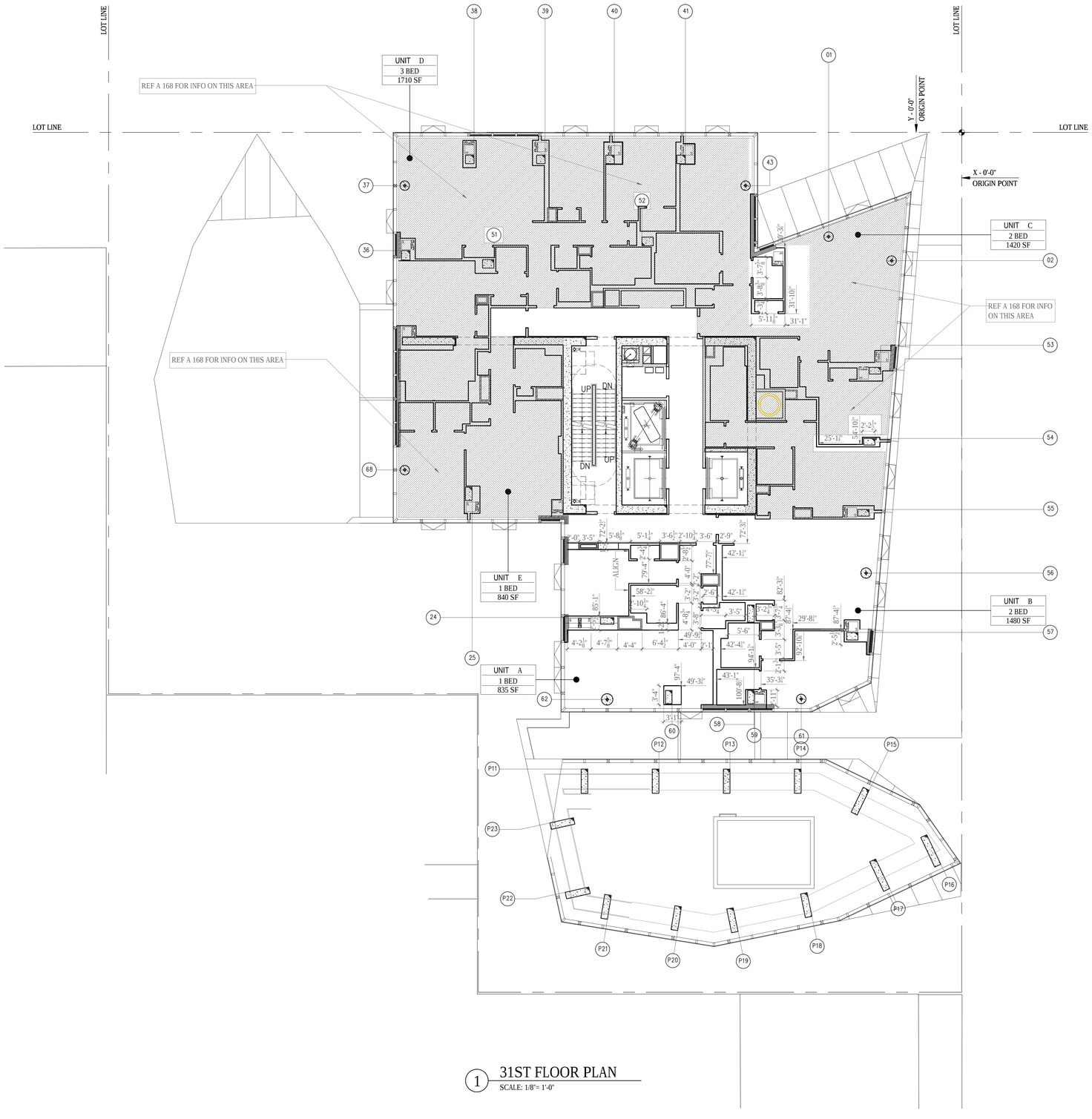
DEPT OF BLDGS121181808 Job Number
ES609204599 Scan Code



1 31ST FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- HB — HOSE BIB
- INFORMATION ON THESE AREAS IS IDENTICAL TO THE SAME AREA ON ANOTHER FLOOR SET. NOTE FOR REFERENCE
- ORIGIN
- ALIGN — INDICATES ALIGNMENT OF SURFACES

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
9. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
10. ALL LINEN CLOSETS TO RECEIVE ¾" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
11. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
12. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
13. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
14. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
15. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
16. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
17. PROVIDE STONE TILE AND STONE SILL AT RESIDENTIAL BATHROOMS.
18. ALL WASHER/DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
19. REFER TO SHEET XXX FOR HEAT PUMP DETAILS

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.406
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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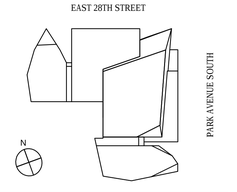
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

D.B. MIDDLETON
REGISTERED ARCHITECT
019933-1
STATE OF NEW YORK

DRAWING TITLE:
31ST FLOOR DIMENSION PLAN (32ND - 36TH SIMILAR)

DRAWING NO:
A-171.00

NYC DOB NO: 121181808

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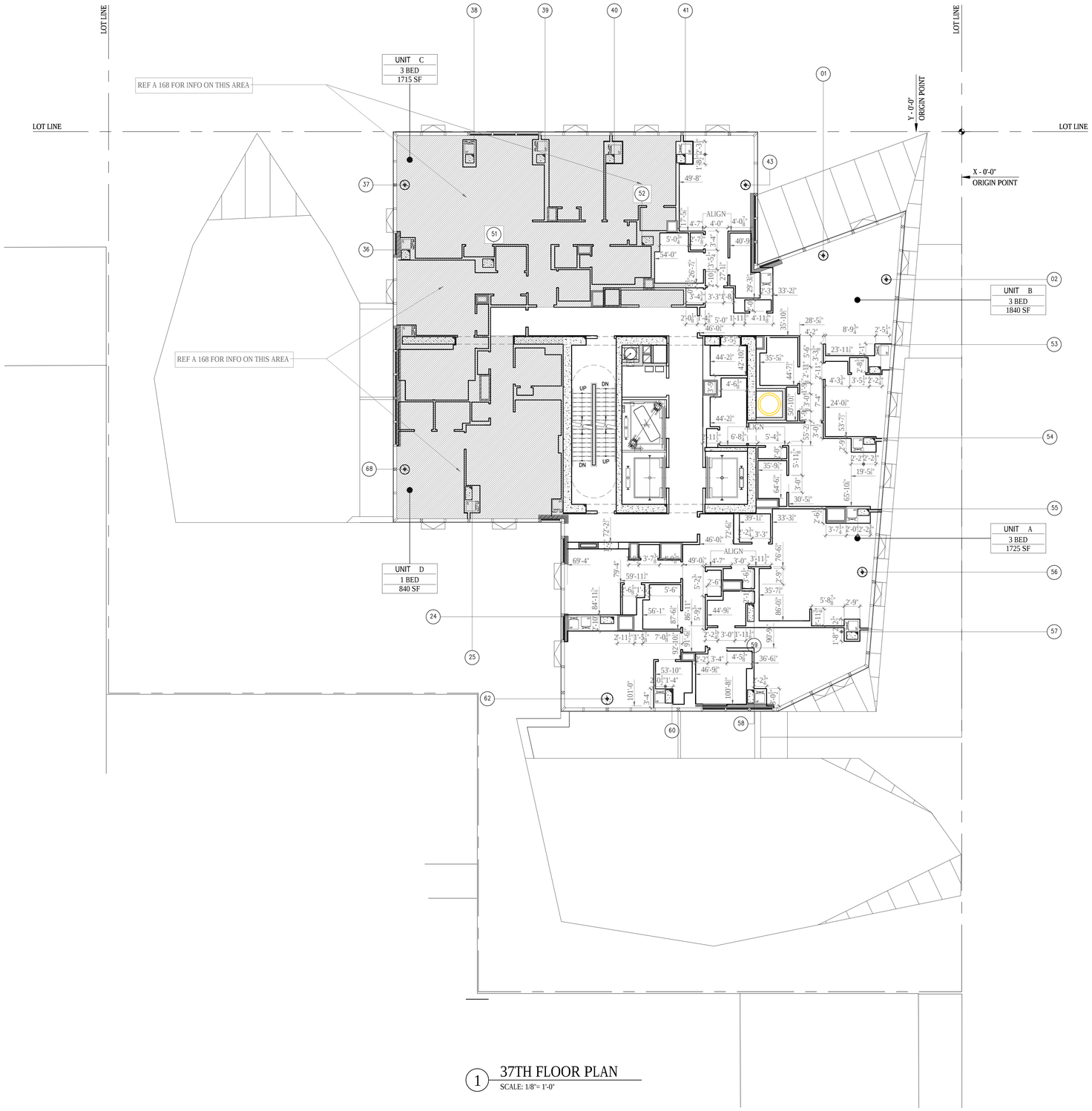
DEPT OF BLDGS 121181808 Job Number
ES775683427 Scan Code



1 37TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
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- HB — HOSE BIB
- INFORMATION ON THESE AREAS IS IDENTICAL TO THE SAME AREA ON ANOTHER FLOOR SET. NOTE FOR REFERENCE
- ORIGIN
- ALIGN — INDICATES ALIGNMENT OF SURFACES

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
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7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
9. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
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18. ALL WASHER/DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
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PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
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KEYED NOTES

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2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.456
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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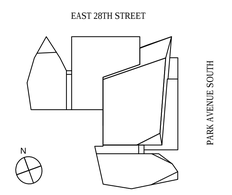
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT
D.B. MIDDLETON
019833-1
STATE OF NEW YORK

DRAWING TITLE:
37TH FLOOR DIMENSION PLAN (38TH SIMILAR)

DRAWING NO:
A-177.00

NYC DOB NO: 121181808

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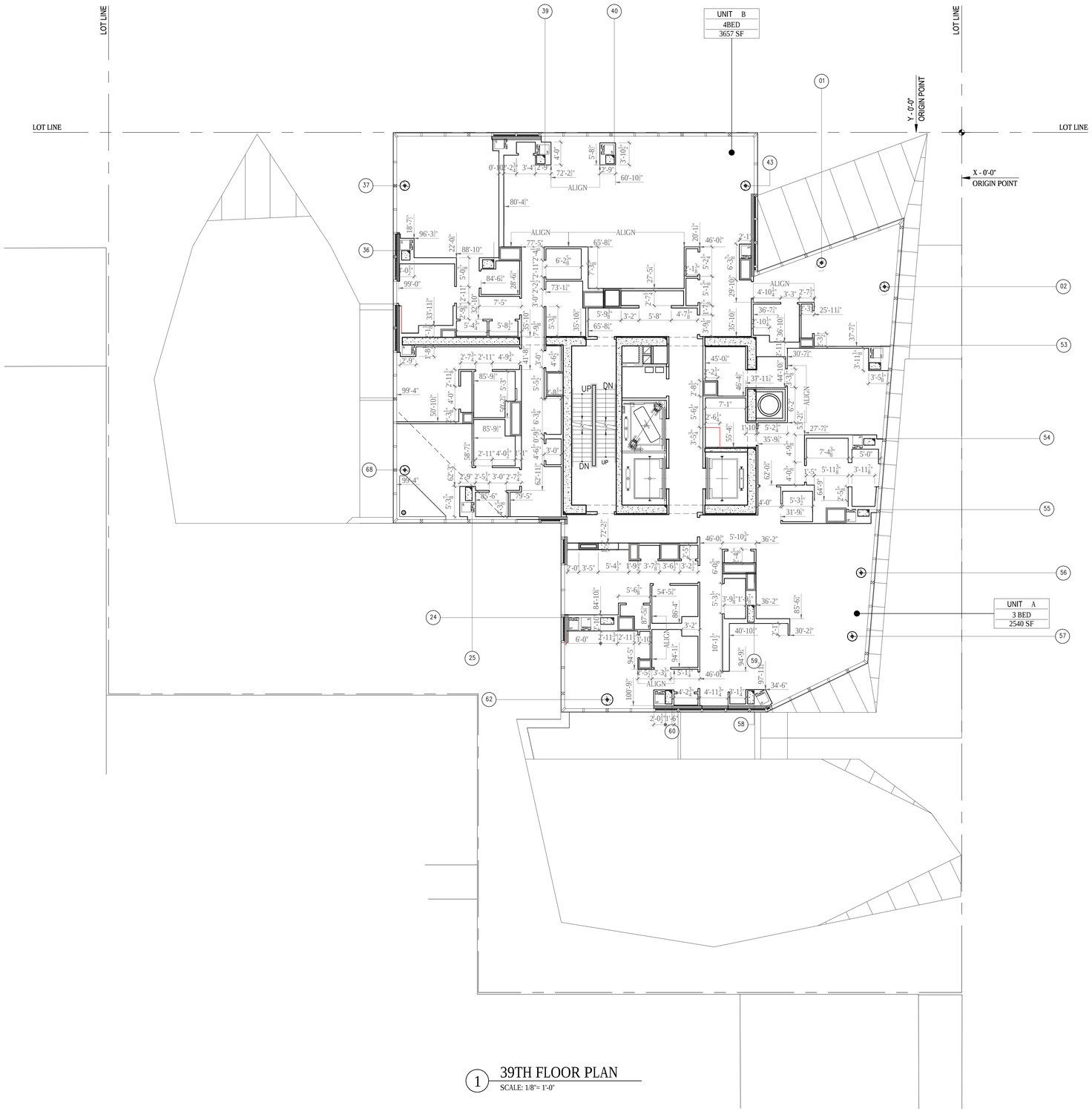
DEPT OF BLDGS121181808 Job Number
ES0425795J7 Scan Code



1 39TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
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GENERAL NOTES

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6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
9. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
10. ALL LINEN CLOSETS TO RECEIVE ¾" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
11. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
12. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
13. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
14. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
15. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
16. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
17. PROVIDE STONE TILE AND STONE SILL AT RESIDENTIAL BATHROOMS.
18. ALL WASHER/DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
19. REFER TO SHEET XXX FOR HEAT PUMP DETAILS

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 / S22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE W22 / S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 / V U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. PROVIDE FURRING WALL TYPE F22 WITH 3" INSULATION AND STUDS INDEPENDENT OF (NO CONTACT WITH) THE CONCRETE OR CMU WALL
2. 2'x2'x2" PRECAST CONCRETE PAVERS
3. GALVANIZED STEEL CATWALK SEE DRAWING A.406
4. 8" CONCRETE ENCLOSURE
5. DETENTION TANK ABOVE
6. PRECAST CURB
7. GLASS RAILING - REFER DETAIL SHEETS

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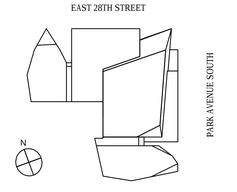
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
39TH FLOOR DIMENSION PLAN

DRAWING NO:
A-179.00

NYC DOB NO: 121181808

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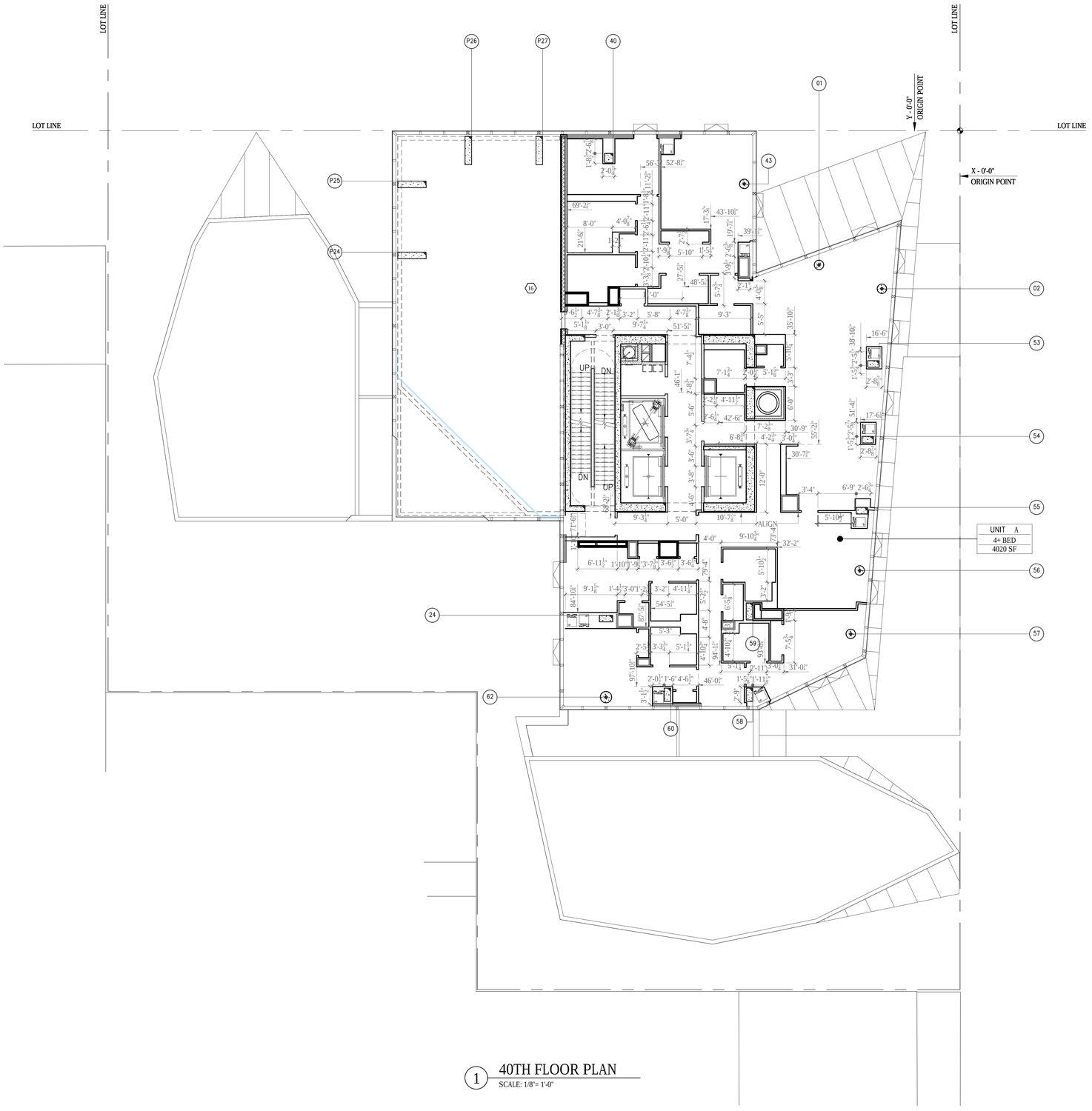

1 40TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- PARTITION TAG - REFER TO A801
- AP — APARTMENT PANEL
- APARTMENT INTERCOM
- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- HB — HOSE BIB
- INFORMATION ON THESE AREAS IS IDENTICAL TO THE SAME AREA ON ANOTHER FLOOR SET. NOTE FOR REFERENCE
- ORIGIN
- ALIGN — INDICATES ALIGNMENT OF SURFACES

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
6. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
7. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
8. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
9. ALL CLOSETS TO RECEIVE ONE HANG ROD AND STANDARD 3/4 " PARTICLE BOARD WITH WHITE MELAMINE SHELF U.O.N.
10. ALL LINEN CLOSETS TO RECEIVE 3/4" PARTICLE BOARD WITH WHITE MELAMINE SHELVES U.O.N.
11. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
12. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
13. REFER TO DRAWINGS A-700 INTERIOR DESIGN PLANS AND ELEVATIONS AT CELLAR, GROUND FLOOR, ELEVATOR CABS, AND TYPICAL CORRIDORS.
14. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
15. PROVIDE ½" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.
16. PROVIDE WOOD FLOORING AT ALL RESIDENTIAL UNITS AT LIVING ROOMS, BEDROOMS, CLOSETS AND HALLWAYS. PROVIDE FLUSH WOOD THRESHOLDS AT BEDROOM DOORWAYS.
17. PROVIDE STONE TILE AND STONE SILL AT RESIDENTIAL BATHROOMS.
18. ALL WASHER/ DRYER CLOSETS TO RECEIVE CERAMIC TILE FLOORING WITH STONE SILL.
19. REFER TO SHEET XXX FOR HEAT PUMP DETAILS

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6. PRECAST CURB
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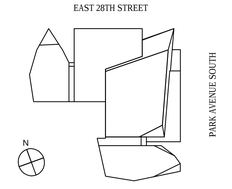
KEY PLAN



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PROJECT NO: 874

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DRAWING TITLE:
40TH FLOOR DIMENSION PLAN

DRAWING NO:
A-180.00

NYC DOB NO: 121181808

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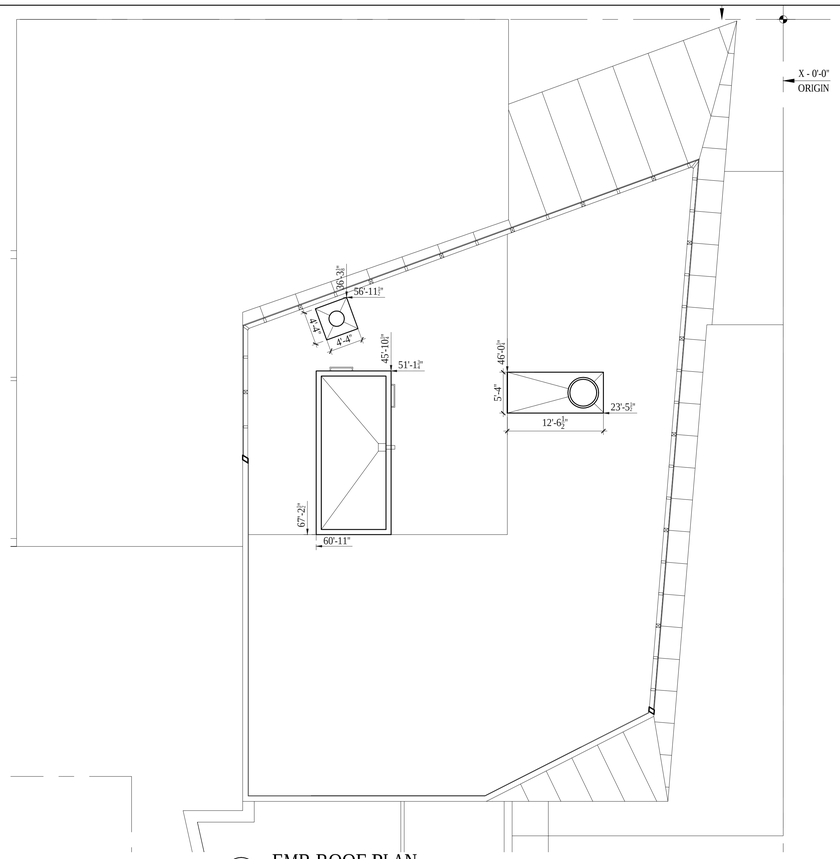
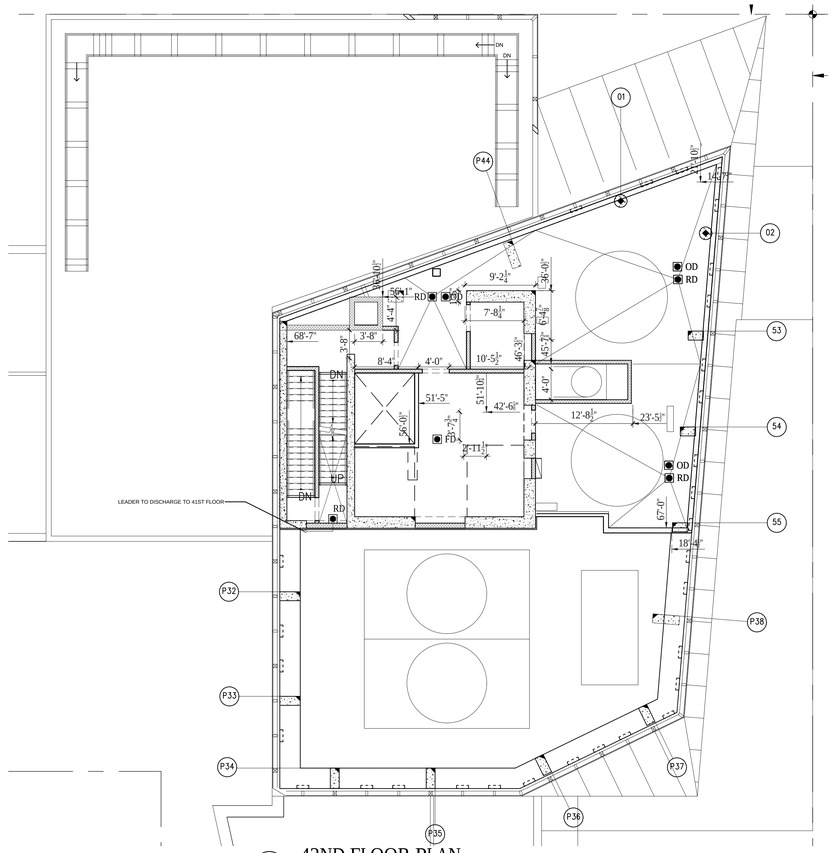
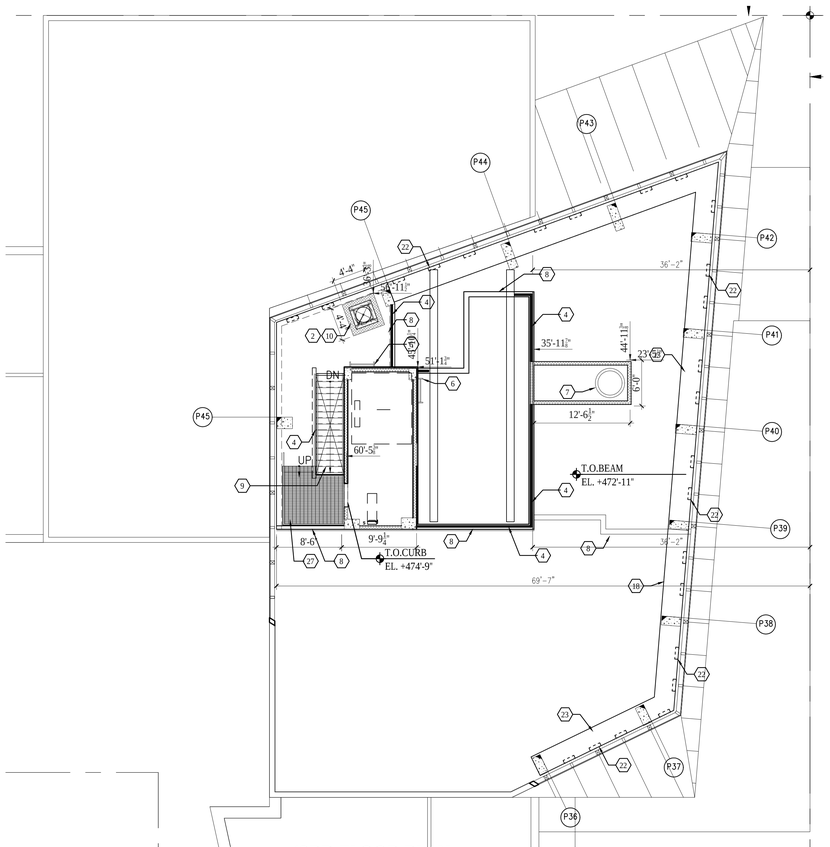


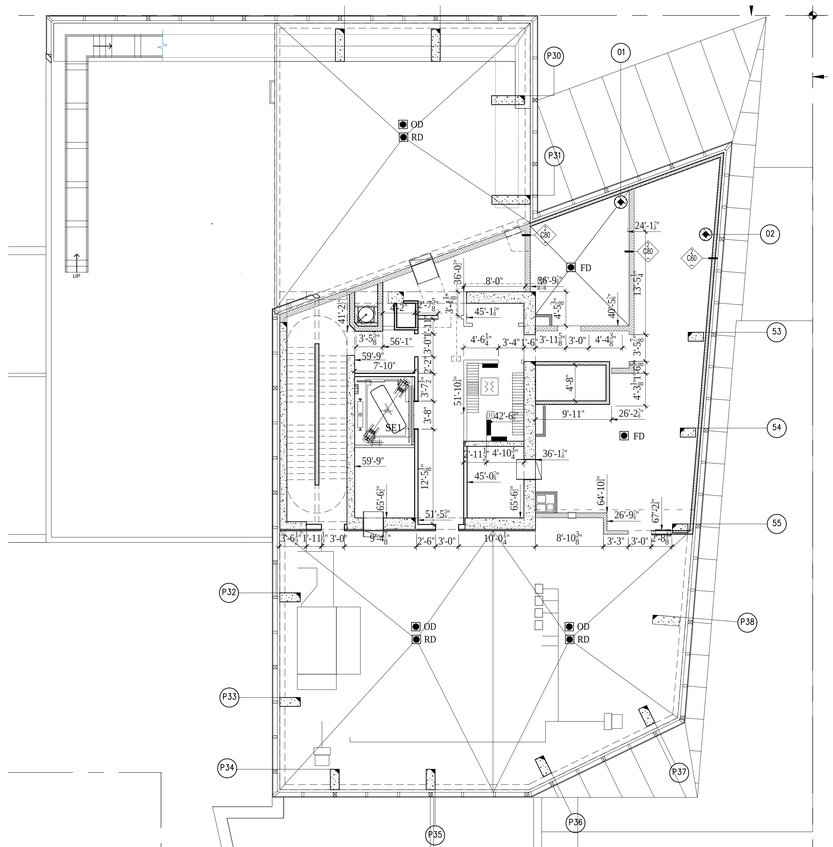
4 EMR ROOF PLAN
SCALE: 1/8"= 1'-0"



2 42ND FLOOR PLAN
SCALE: 1/8"= 1'-0"



3 43RD FLOOR PLAN
SCALE: 1/8"= 1'-0"



1 41ST FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

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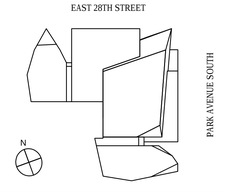
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
41ST, 42ND & 43RD FLOOR DIMENSION PLANS

DRAWING NO:
A-181.00

NYC DOB NO: 121181808

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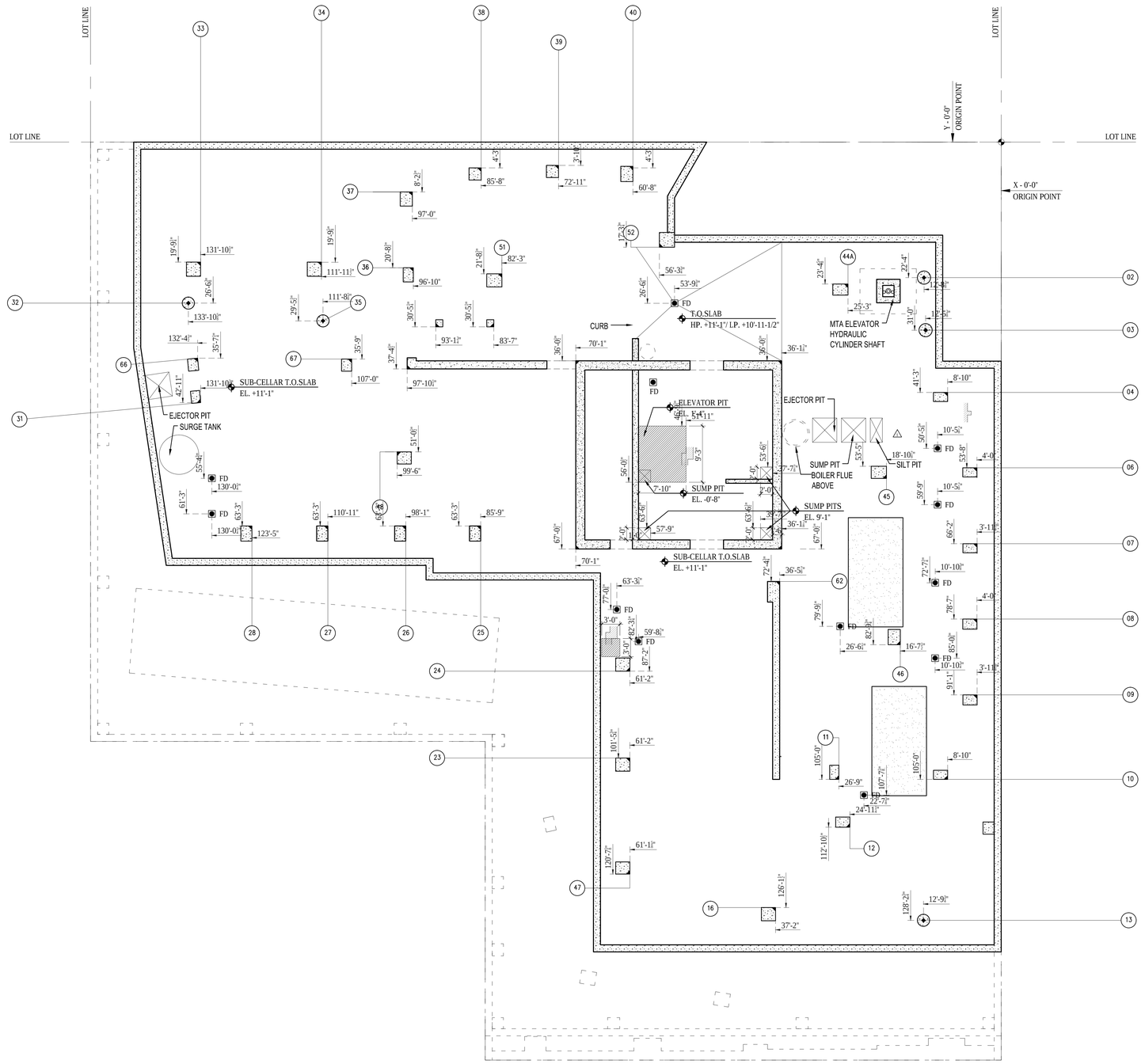
DEPT OF BLDGS121181808 Job Number
ES-19580-7084 Scan Code



1 SUB CELLAR FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

1. UNLESS OTHERWISE NOTED, SLAB THICKNESS IS 8".
2. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWIGS FOR ADDITONAL INFORMATION.

KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
Buildings
APPROVED
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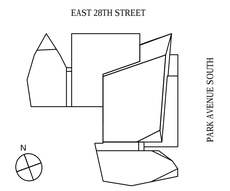
1	07.11.12	ASI 009

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
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DRAWING TITLE:
SUB CELLAR FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-199.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
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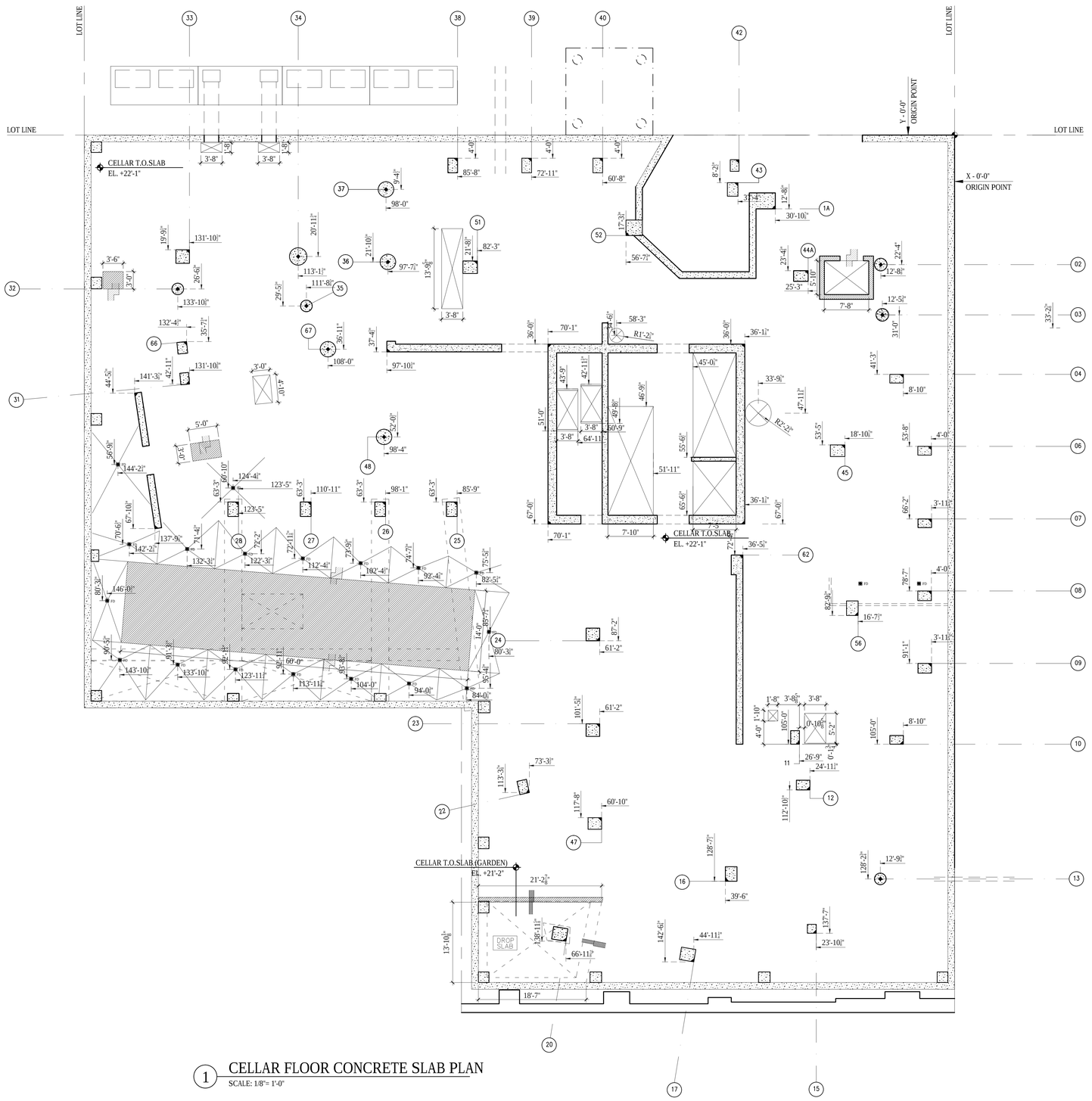
LOT LINE
LOT LINE
LOT LINE
CELLAR T.O.SLAB
EL. +22'-1"
Y - 0'-0"
ORIGIN POINT
X - 0'-0"
ORIGIN POINT
CELLAR T.O.SLAB
EL. +22'-1"
CELLAR T.O.SLAB (GARDEN)
EL. +21'-2"
DROP SLAB
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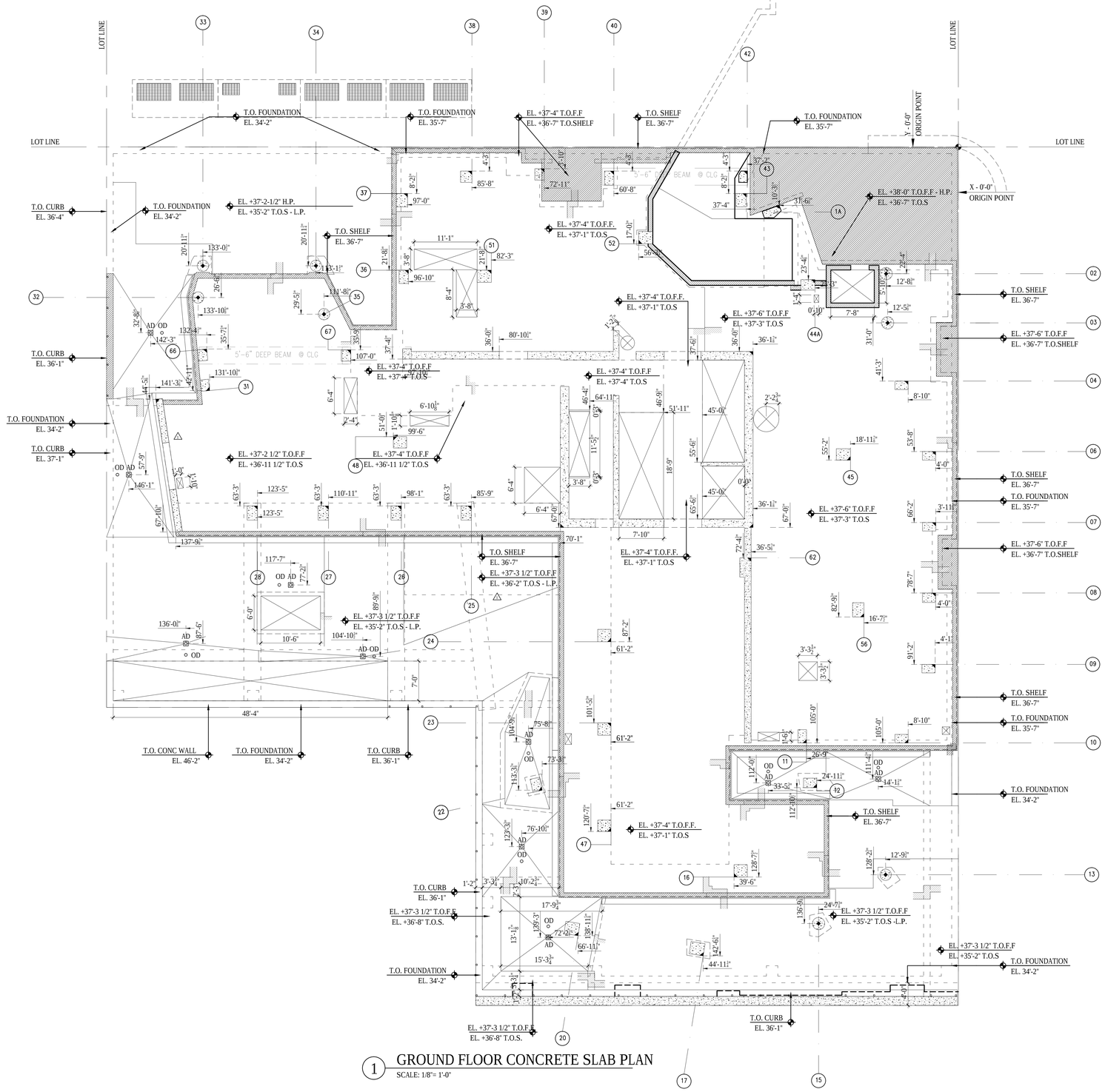

1 GROUND FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

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3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWIGS FOR ADDITONAL INFORMATION.

KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

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Under Directive 2 of 1975
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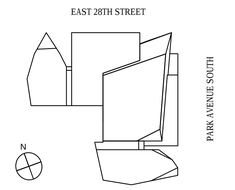
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
GROUND FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-201.00

NYC DOB NO: 121181808

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ES-20120228315 Scan Code

1 2ND FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

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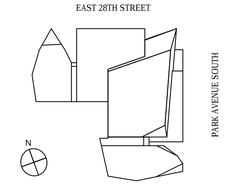

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DRAWING TITLE:
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DRAWING NO:
A-202.00

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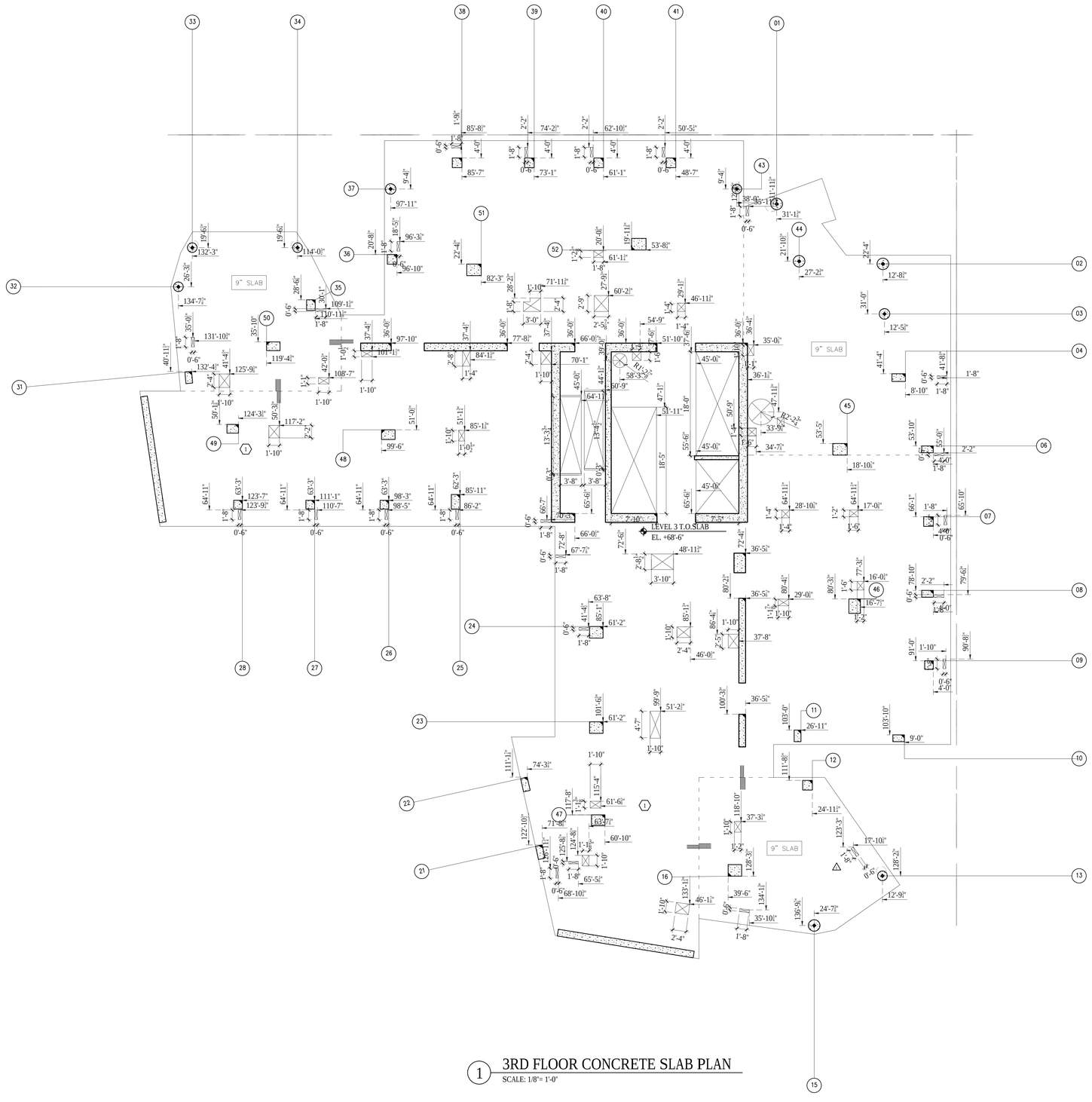

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

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KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

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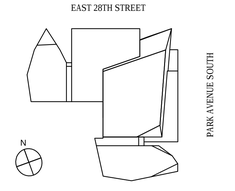
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
3RD FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-203.00

NYC DOB NO: 121181808

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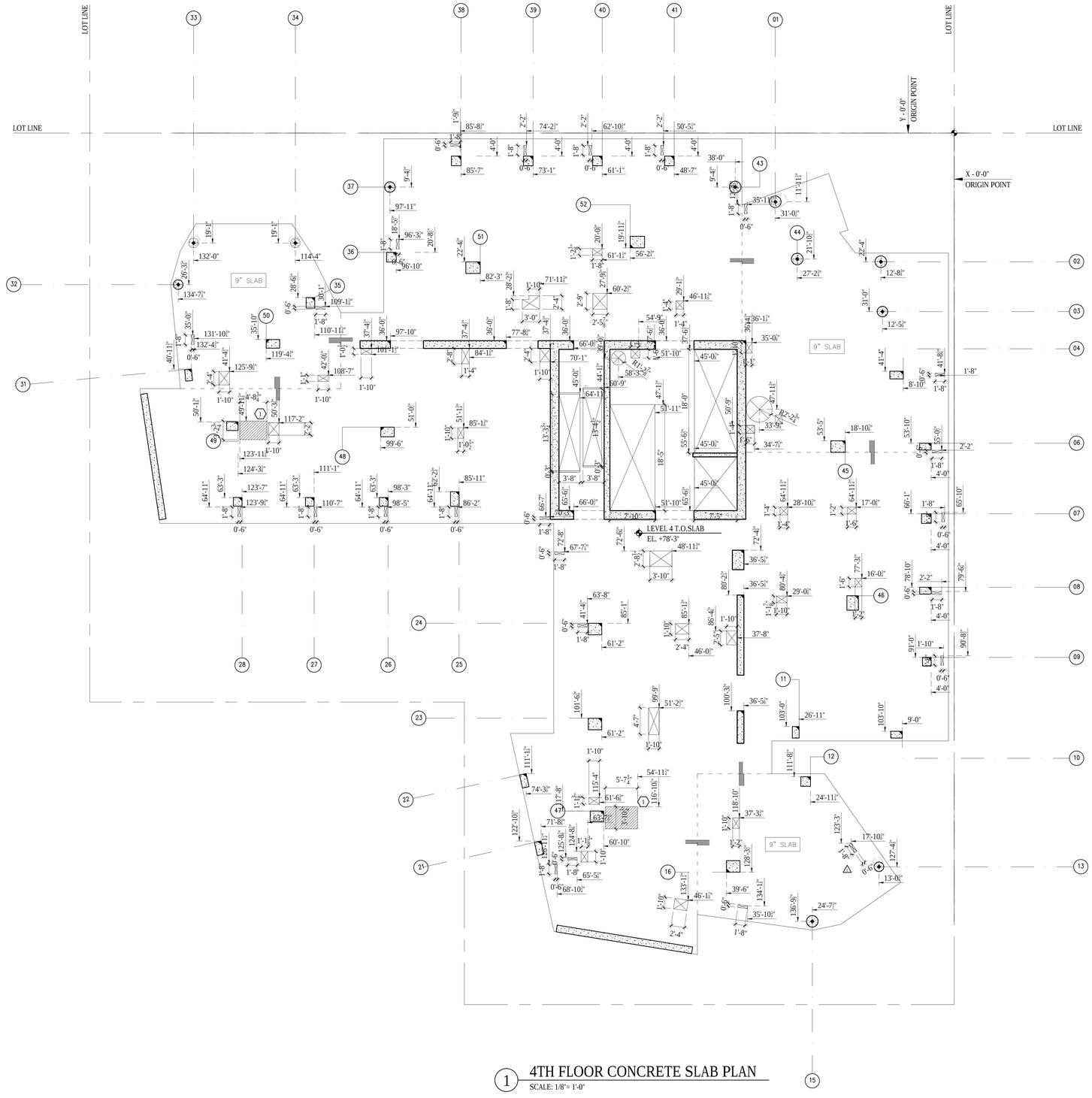

1 4TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

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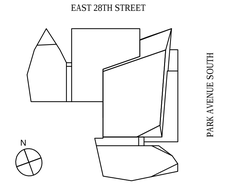
KEY PLAN



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PROJECT NO: 874
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DRAWING TITLE:
4TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-204.00

NYC DOB NO: 121181808

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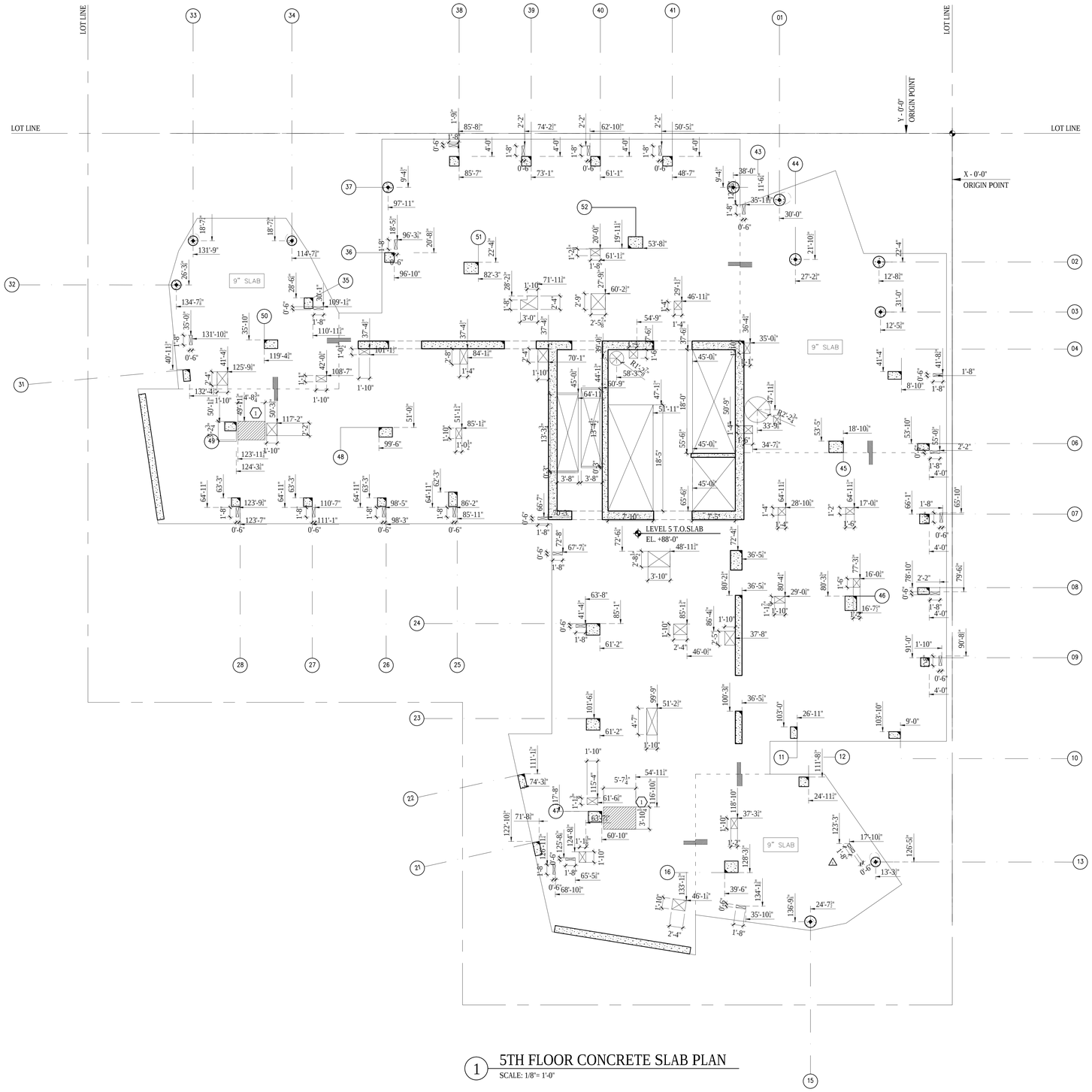

1 5TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

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- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
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- FILL SLAB
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1 7" DEPRESSED SLAB AT SHOWERS

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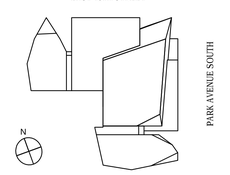
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 010933-1 STATE OF NEW YORK

DRAWING TITLE:
5TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-205.00

NYC DOB NO: 121181808

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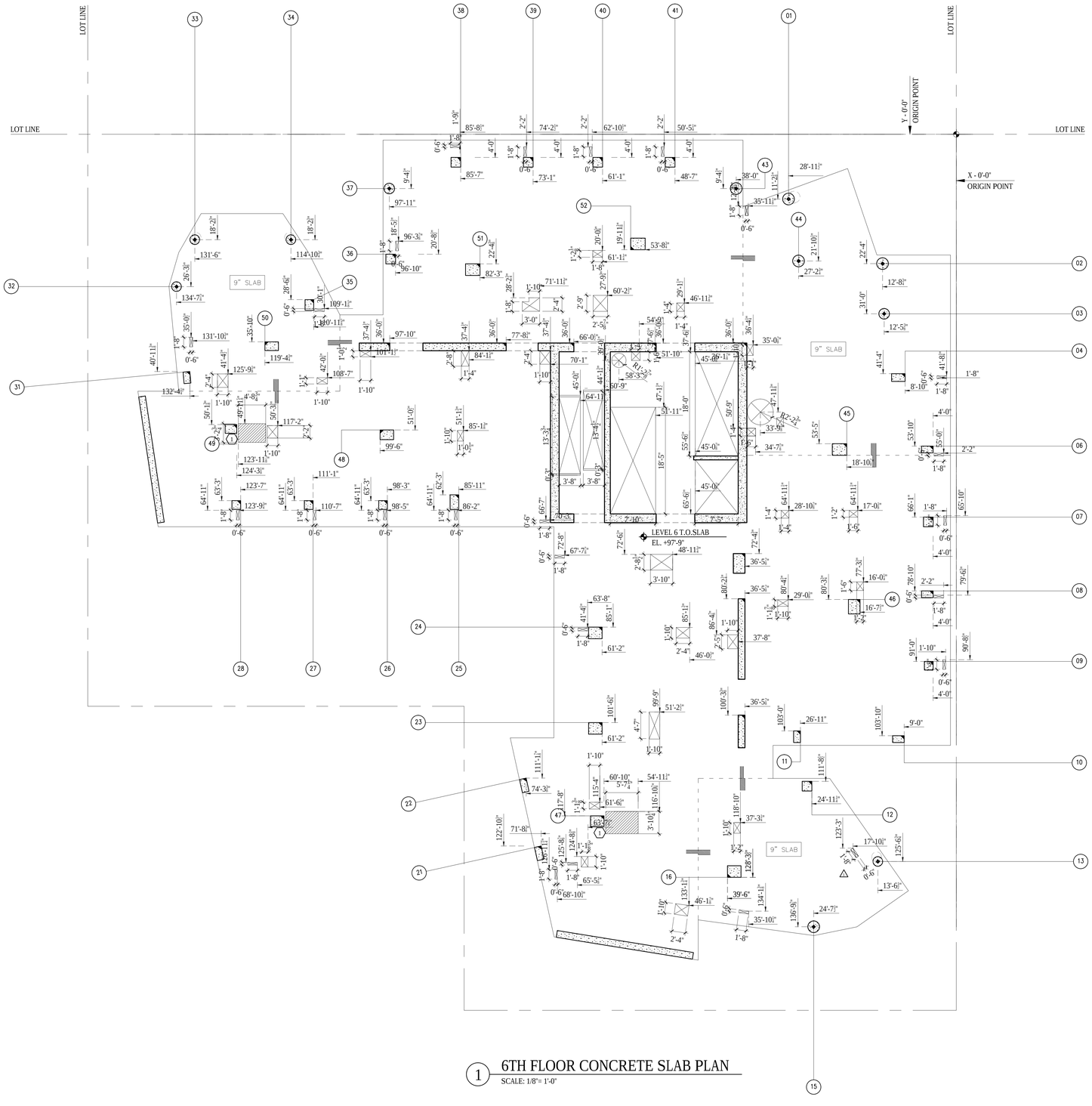

1 6TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
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1. 2" DEPRESSED SLAB AT SHOWERS

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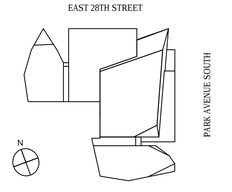

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6TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
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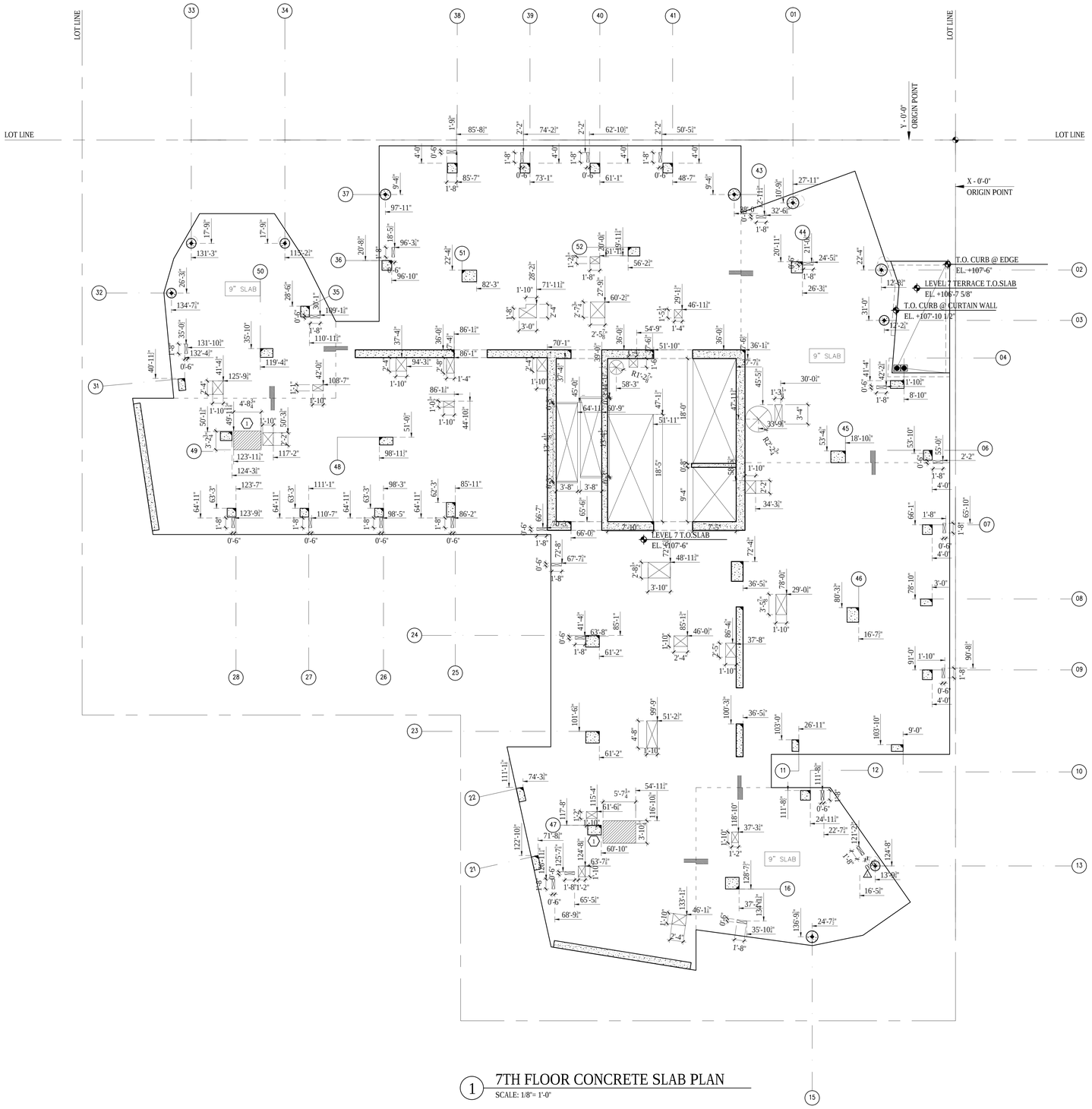

1 7TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

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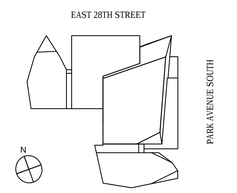
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

D.B. MIDDLETON REGISTERED ARCHITECT 019933-1 STATE OF NEW YORK

DRAWING TITLE:
7TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-207.00

NYC DOB NO: 121181808

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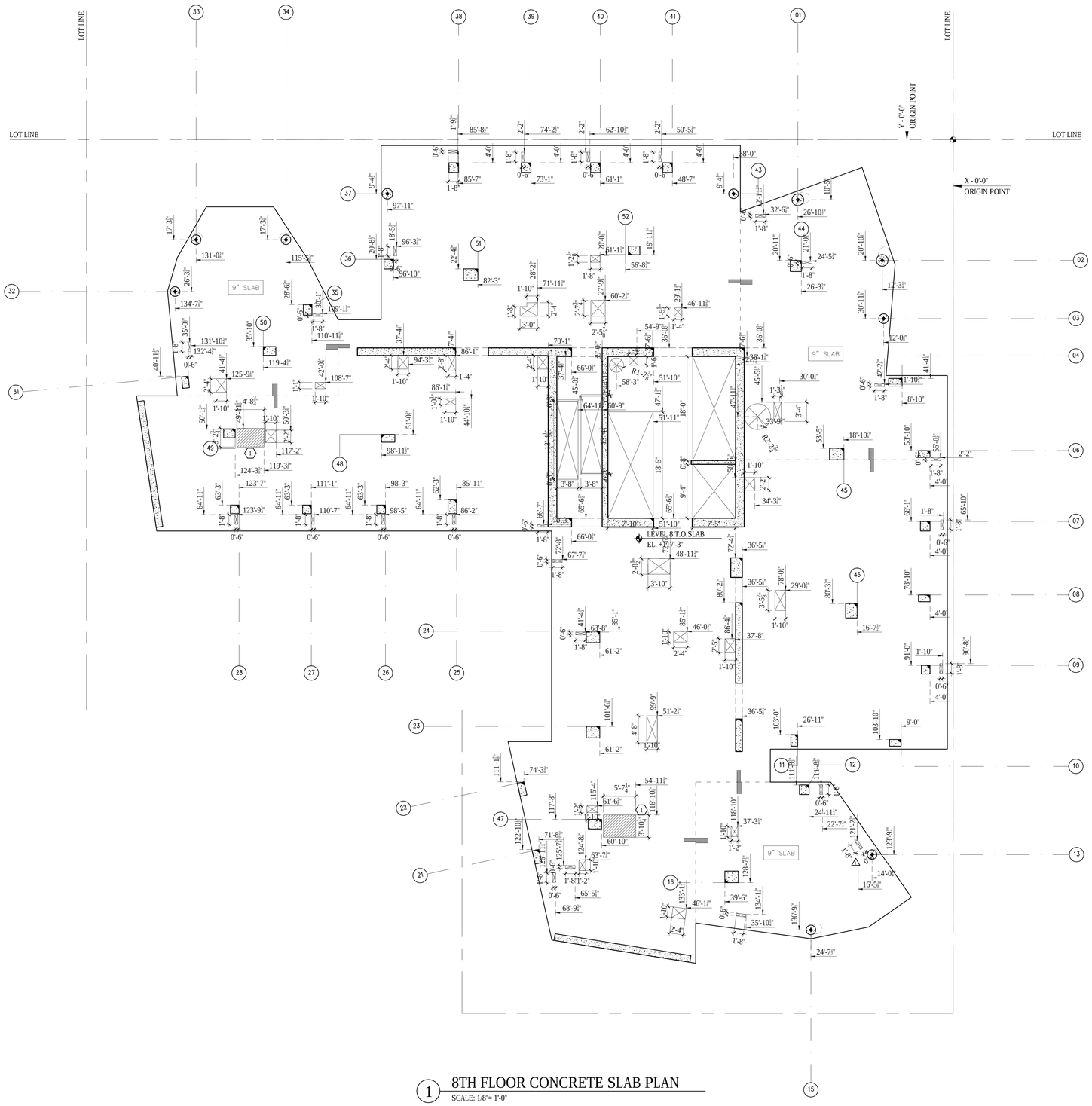
DEPT OF BLDGS 121181808 Job Number
ES2219041O9 Scan Code



1 8TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

1. UNLESS OTHERWISE NOTED, SLAB THICKNESS IS 8".
2. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWIGS FOR ADDITONAL INFORMATION.

KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

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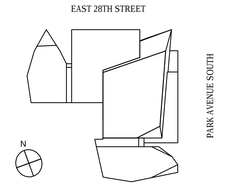

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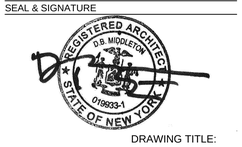

DRAWING TITLE:
8TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-208.00

NYC DOB NO: 121181808

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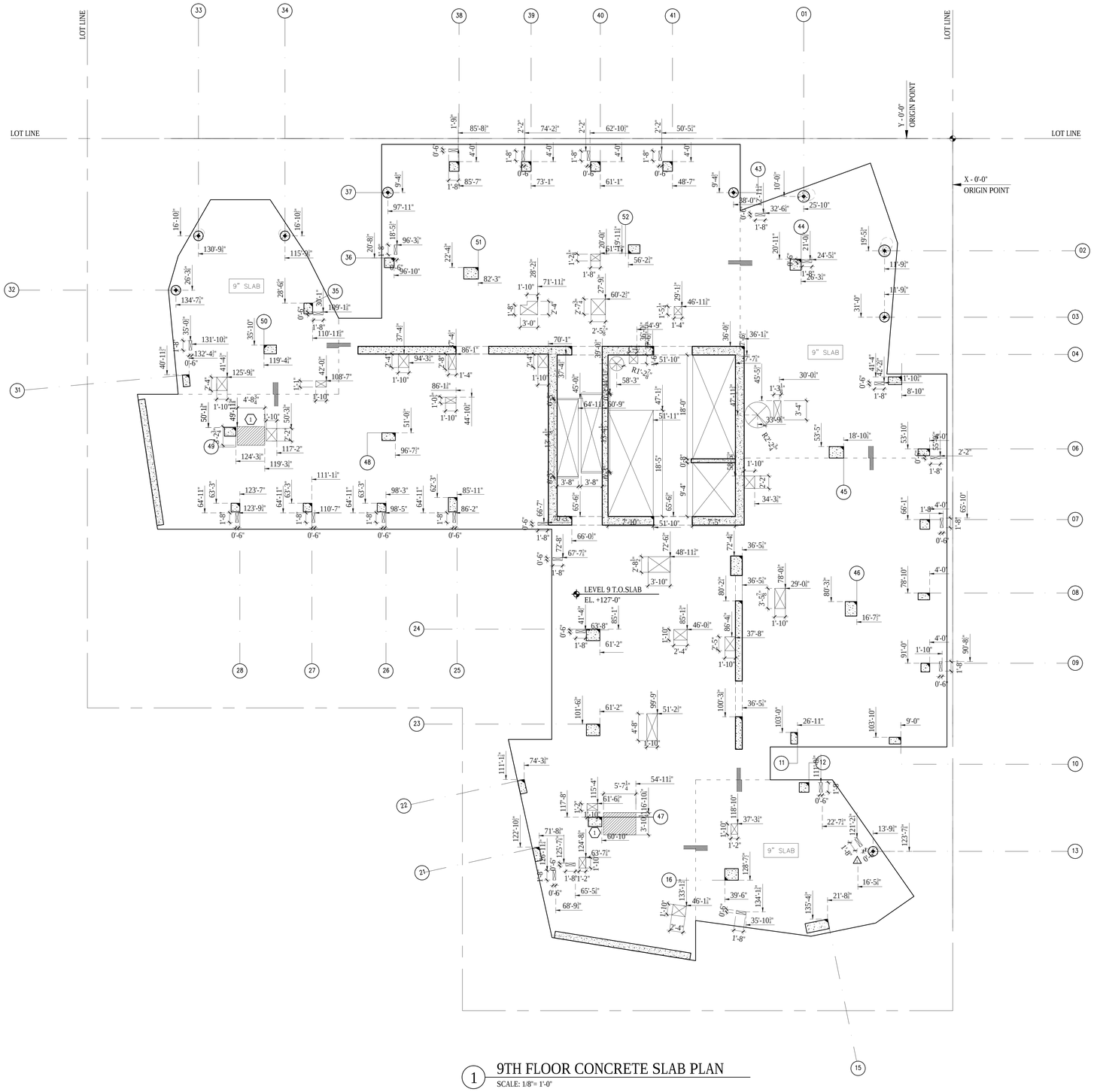
DEPT OF BLDGS 121181808 Job Number
ES/762426113 Scan Code



1 9TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
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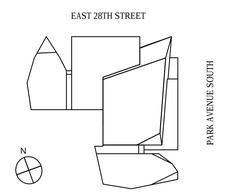

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
9TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-209.00

NYC DOB NO: 121181808

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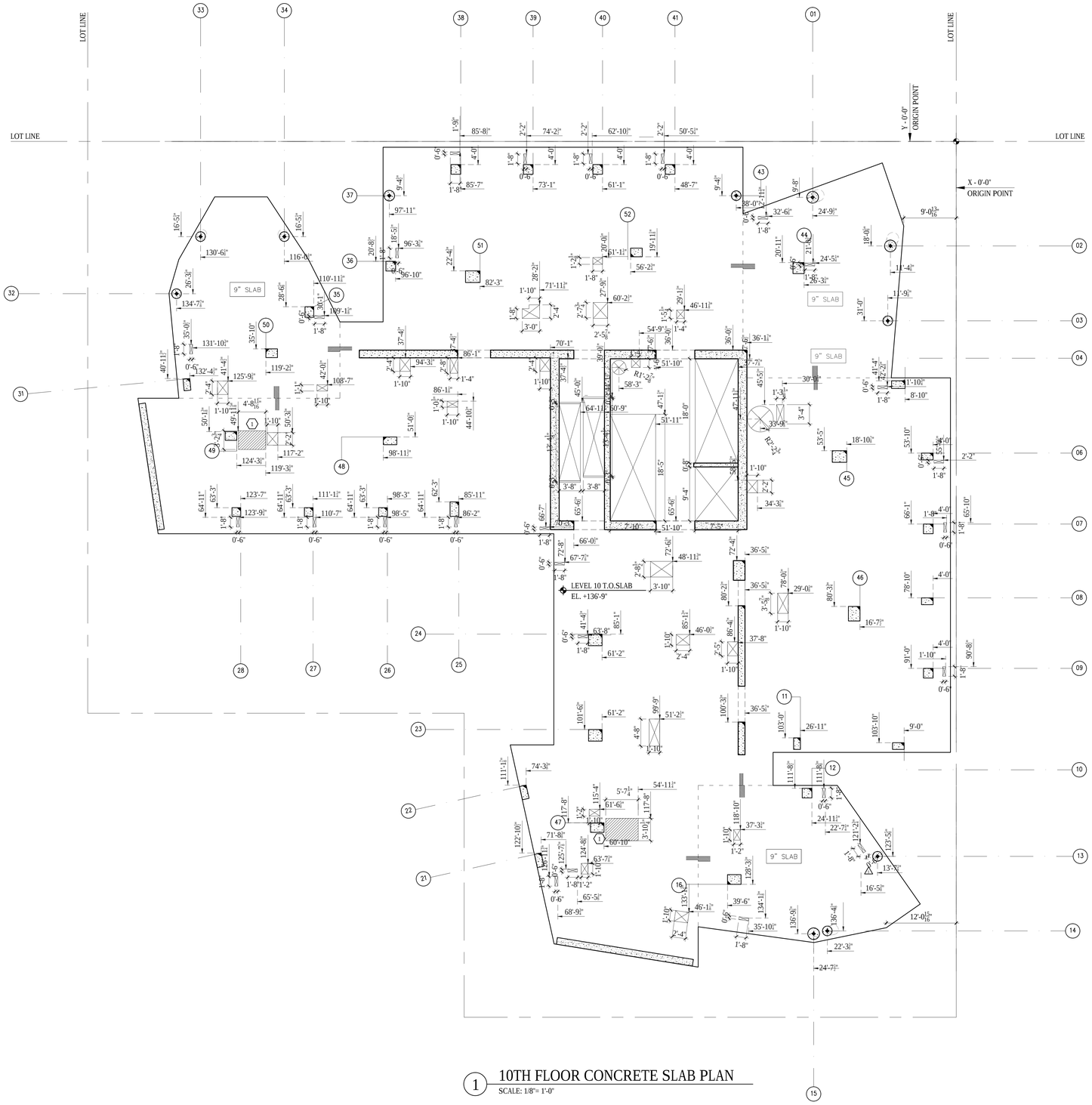

1 10TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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1. 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
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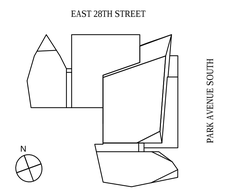
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
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DRAWING TITLE:
10TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-210.00

NYC DOB NO: 121181808

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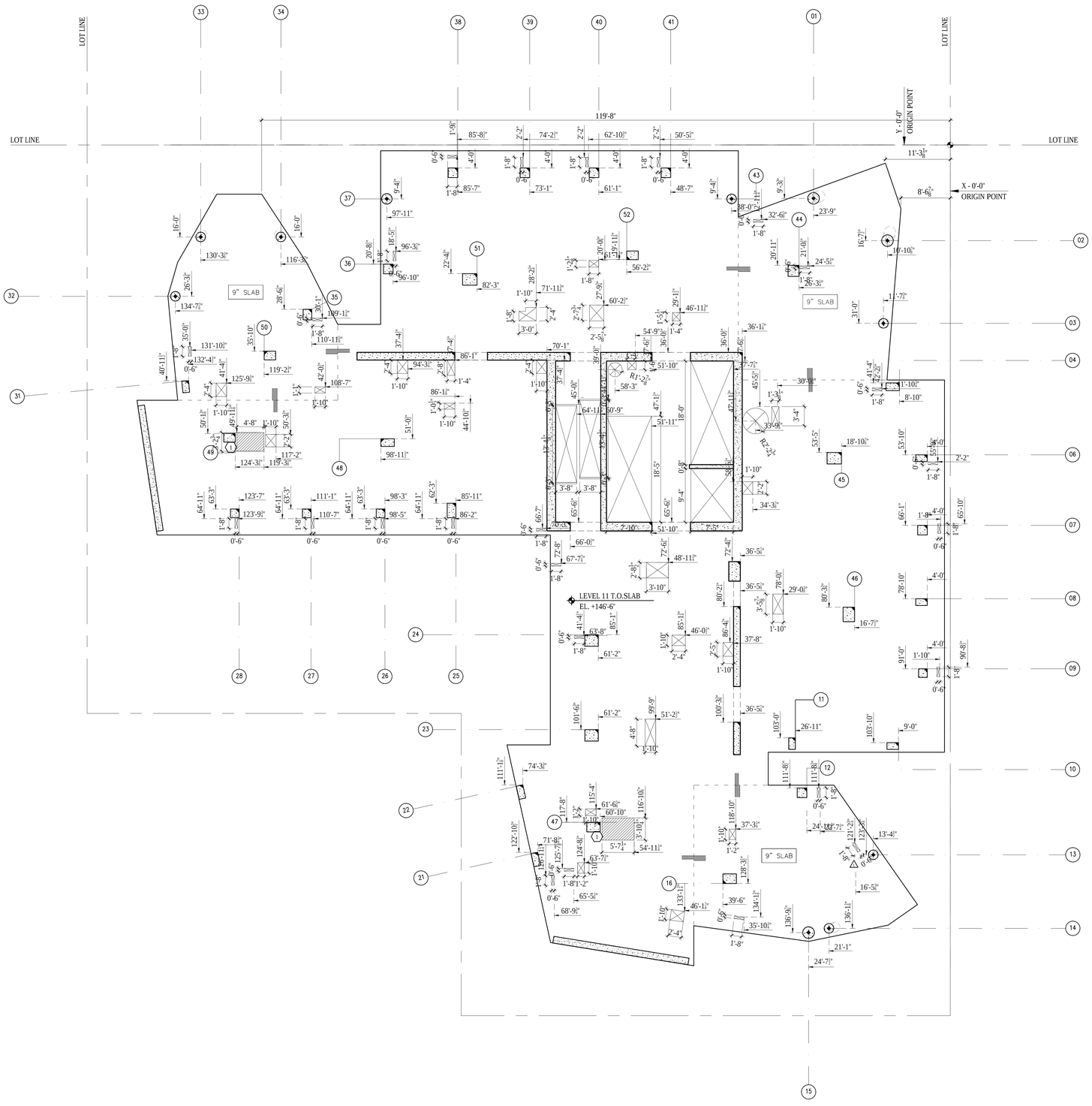
ES141622634 Scan Code



1 11TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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- CHANGE IN ELEVATION
- FD FLOOR DRAIN
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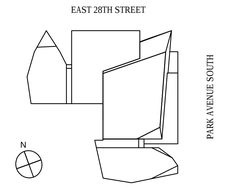

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SEAL & SIGNATURE

DRAWING TITLE:
11TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
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NYC DOB NO: 121181808

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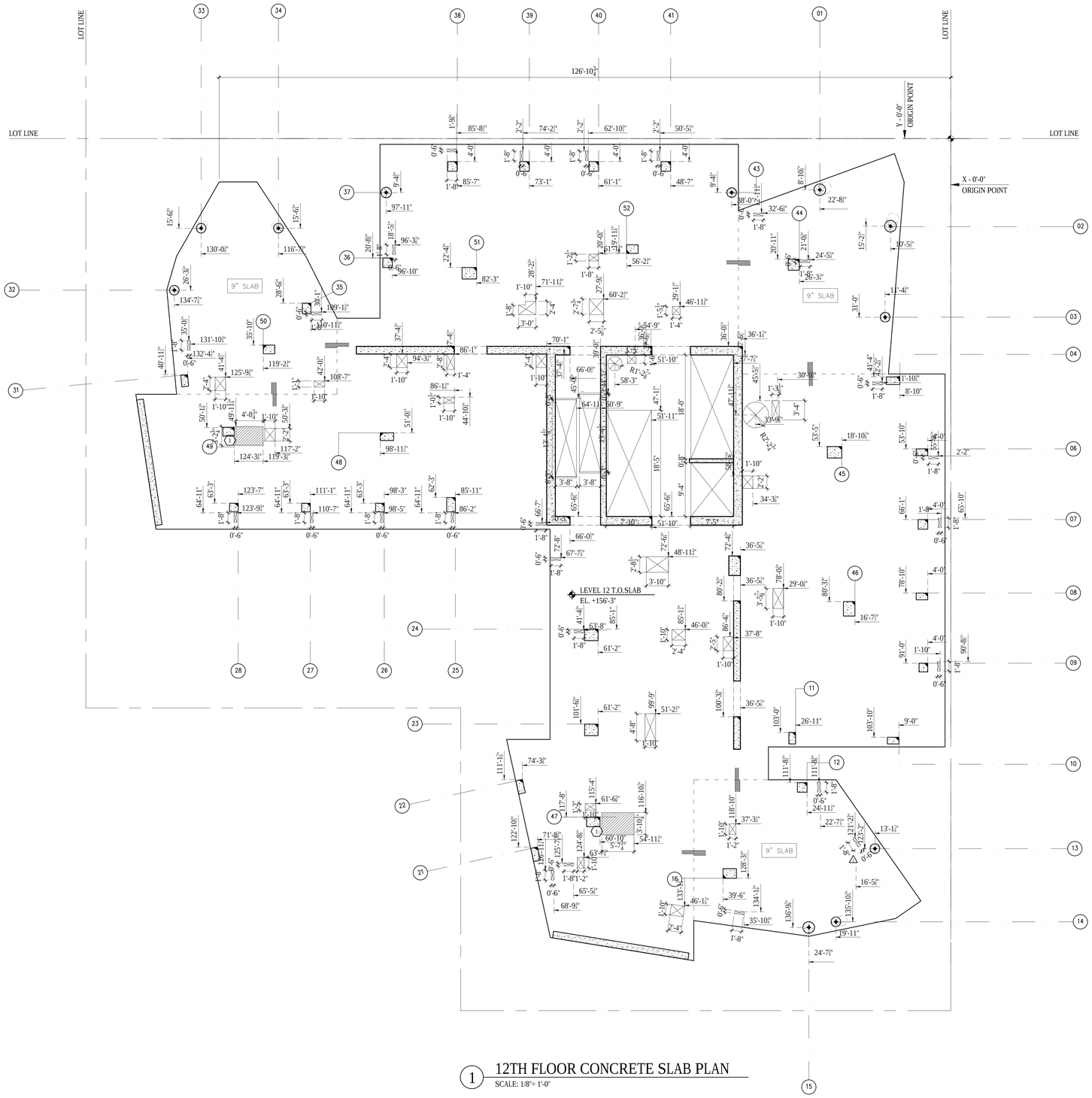

1 12TH FLOOR CONCRETE SLAB PLAN
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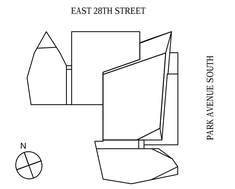
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
12TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-212.00

NYC DOB NO: 121181808

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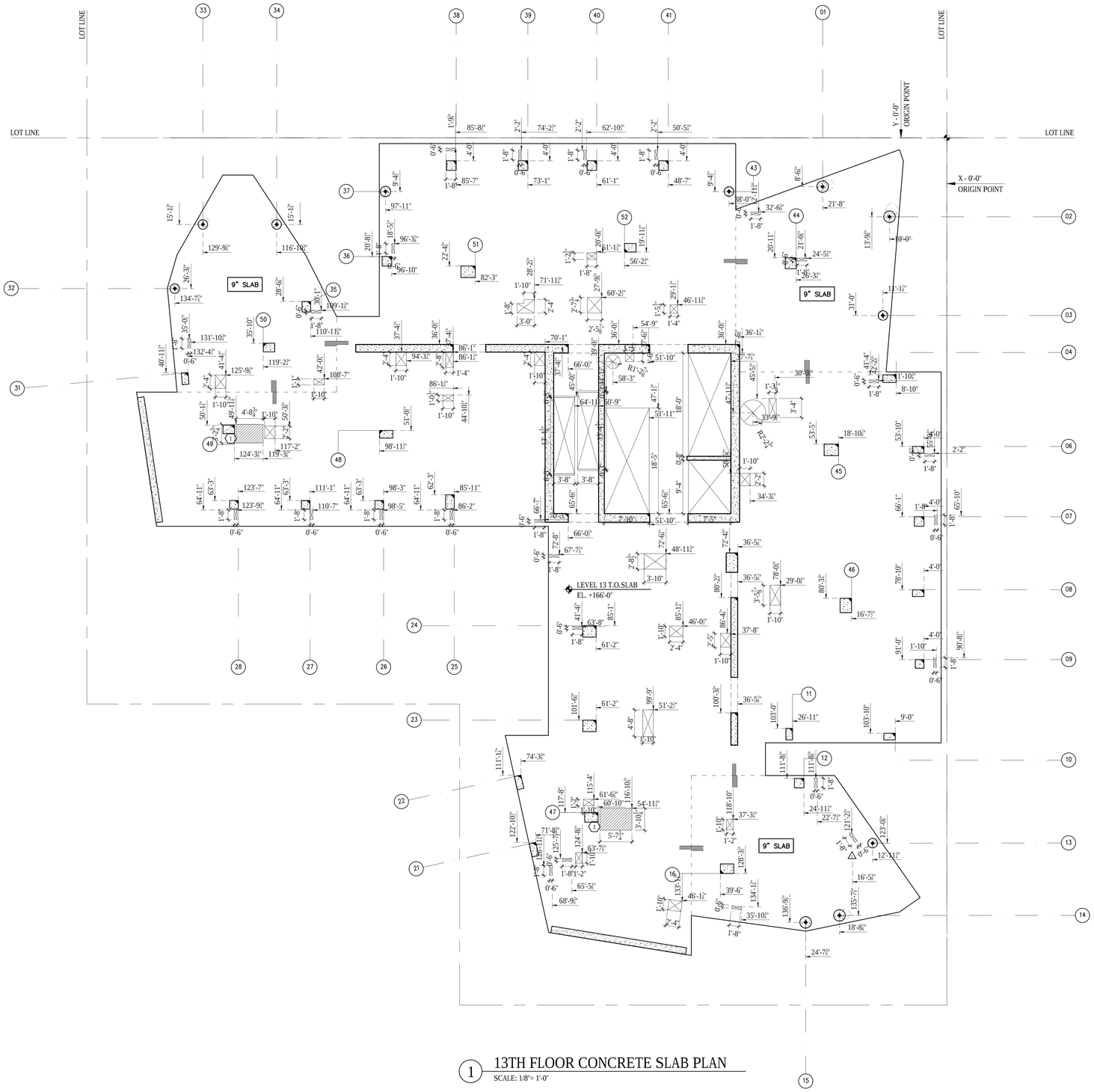
ES6166959372 Scan Code



1 13TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

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3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWIGS FOR ADDITONAL INFORMATION.

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1 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
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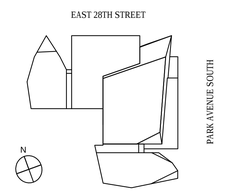

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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
13TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-213.00

NYC DOB NO: 121181808

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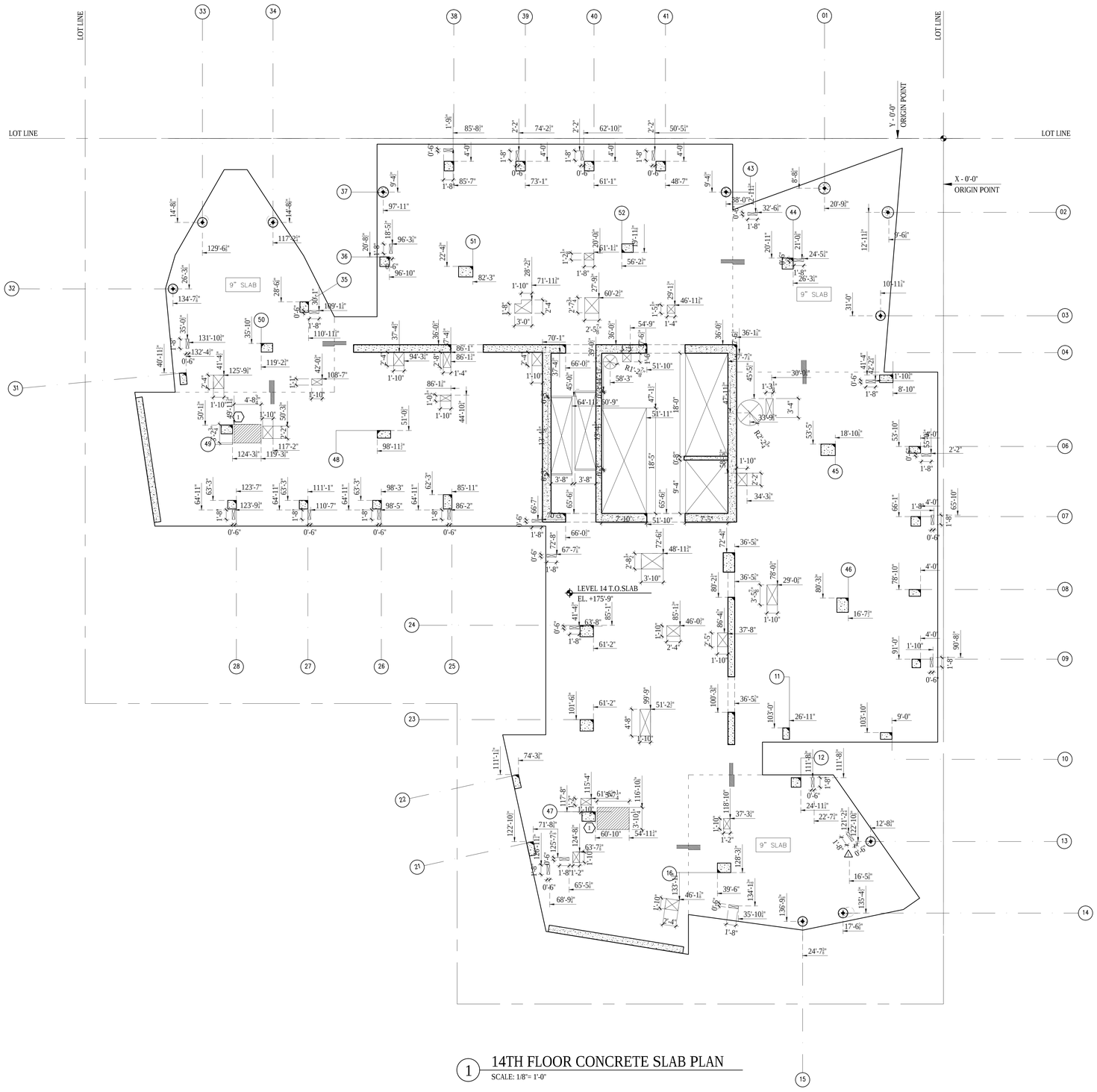
ES3370979-79 Scan Code



1 14TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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NYC Buildings
APPROVED
Under Directive 2 of 1975
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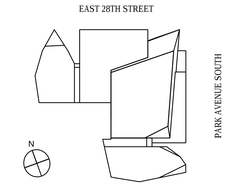
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
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DRAWING TITLE:
14TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-214.00

NYC DOB NO: 121181808

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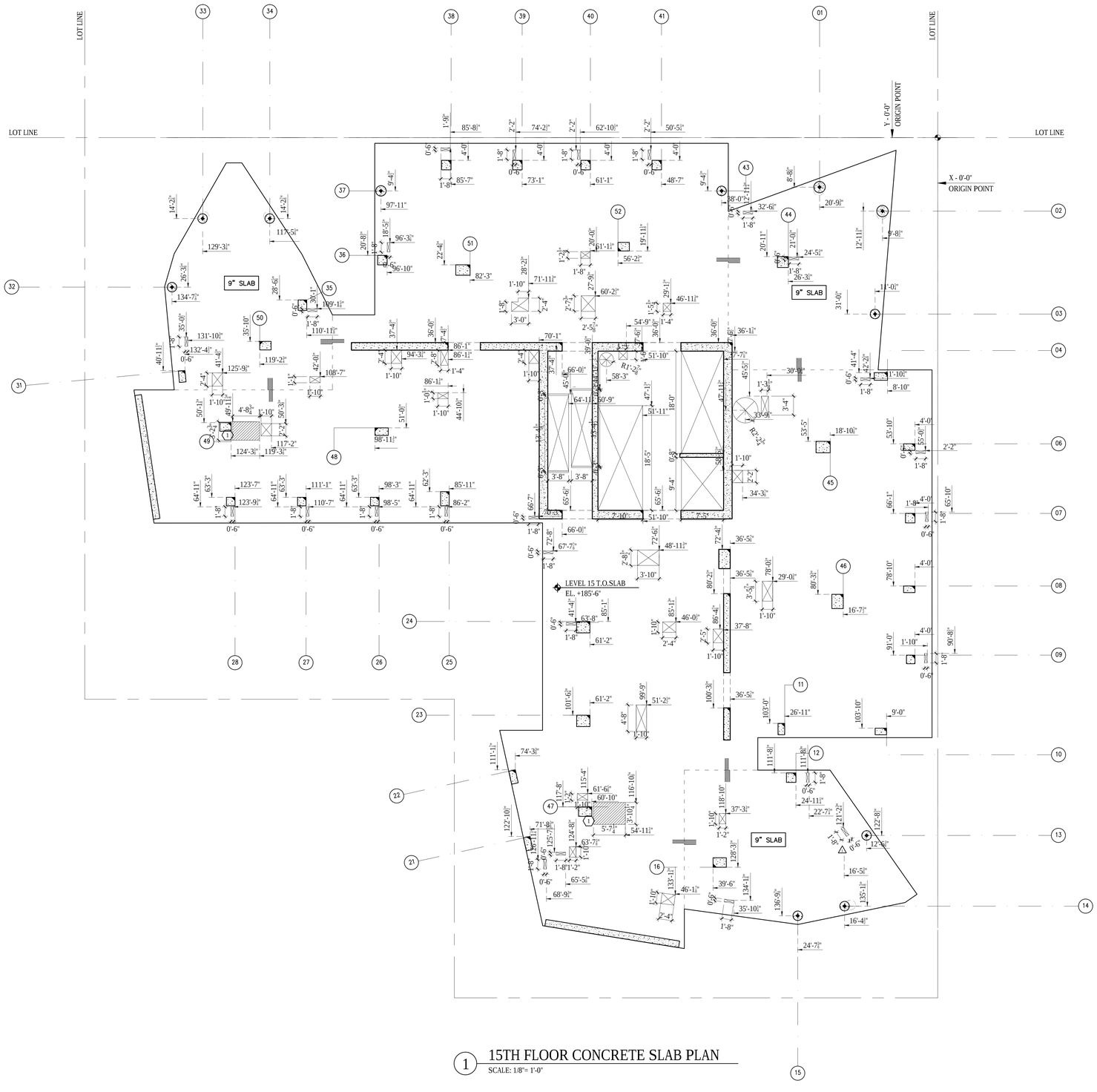

1 15TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
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KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

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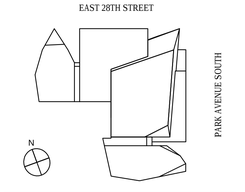
KEY PLAN



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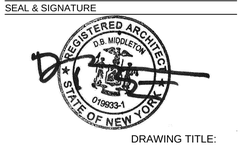
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
15TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-215.00

NYC DOB NO: 121181808

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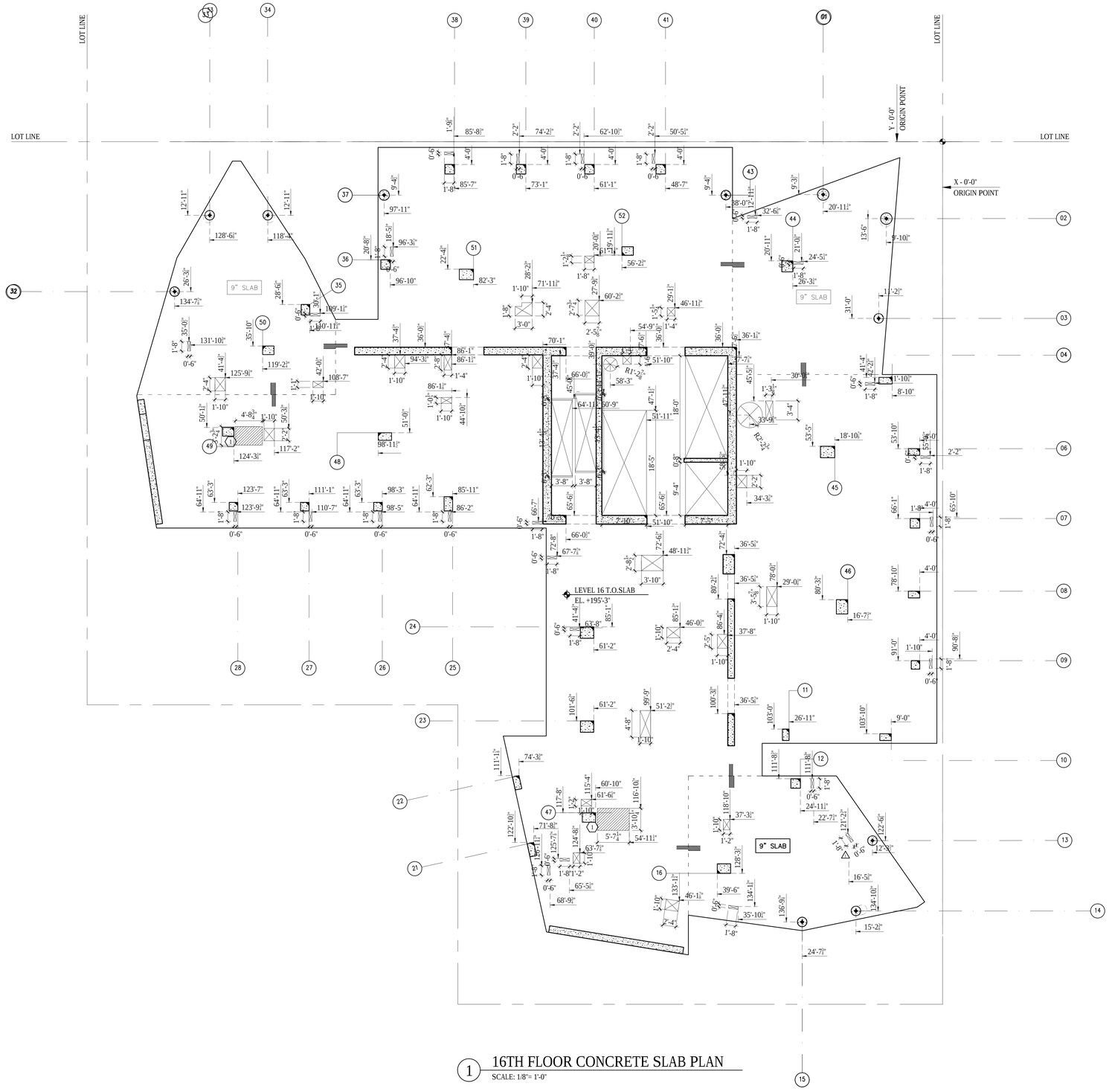
ES0152050301 Scan Code



1 16TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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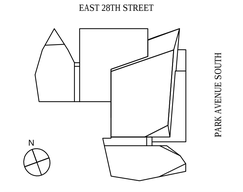

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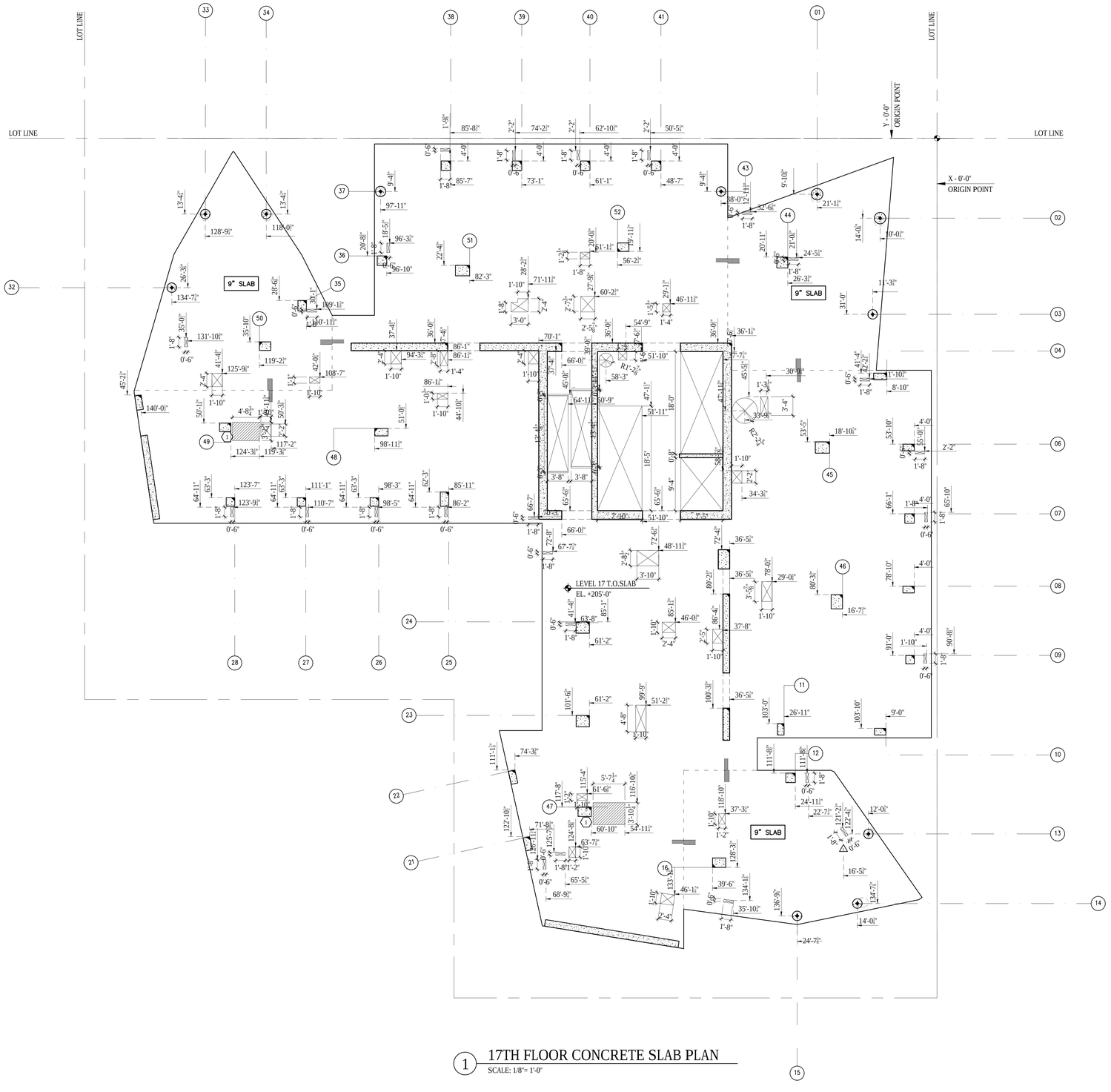
ES3322405411 Scan Code



1 17TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

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2. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWIGS FOR ADDITONAL INFORMATION.

KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
Buildings
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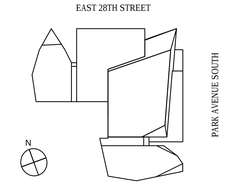
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
17TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-217.00

NYC DOB NO: 121181808

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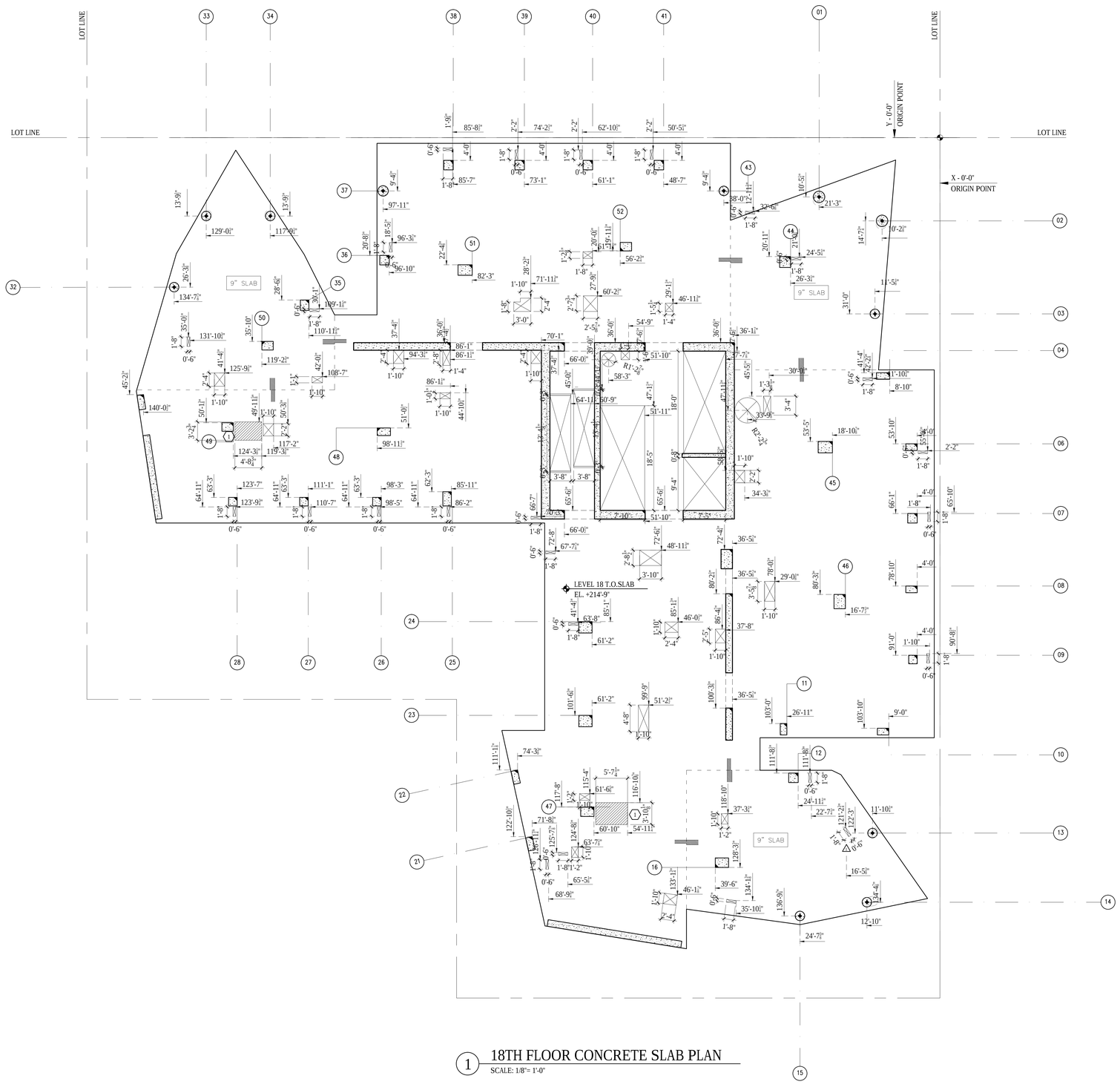

1 18TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
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1 2" DEPRESSED SLAB AT SHOWERS

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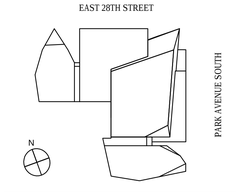
KEY PLAN



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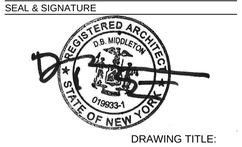
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
18TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-218.00

NYC DOB NO: 121181808

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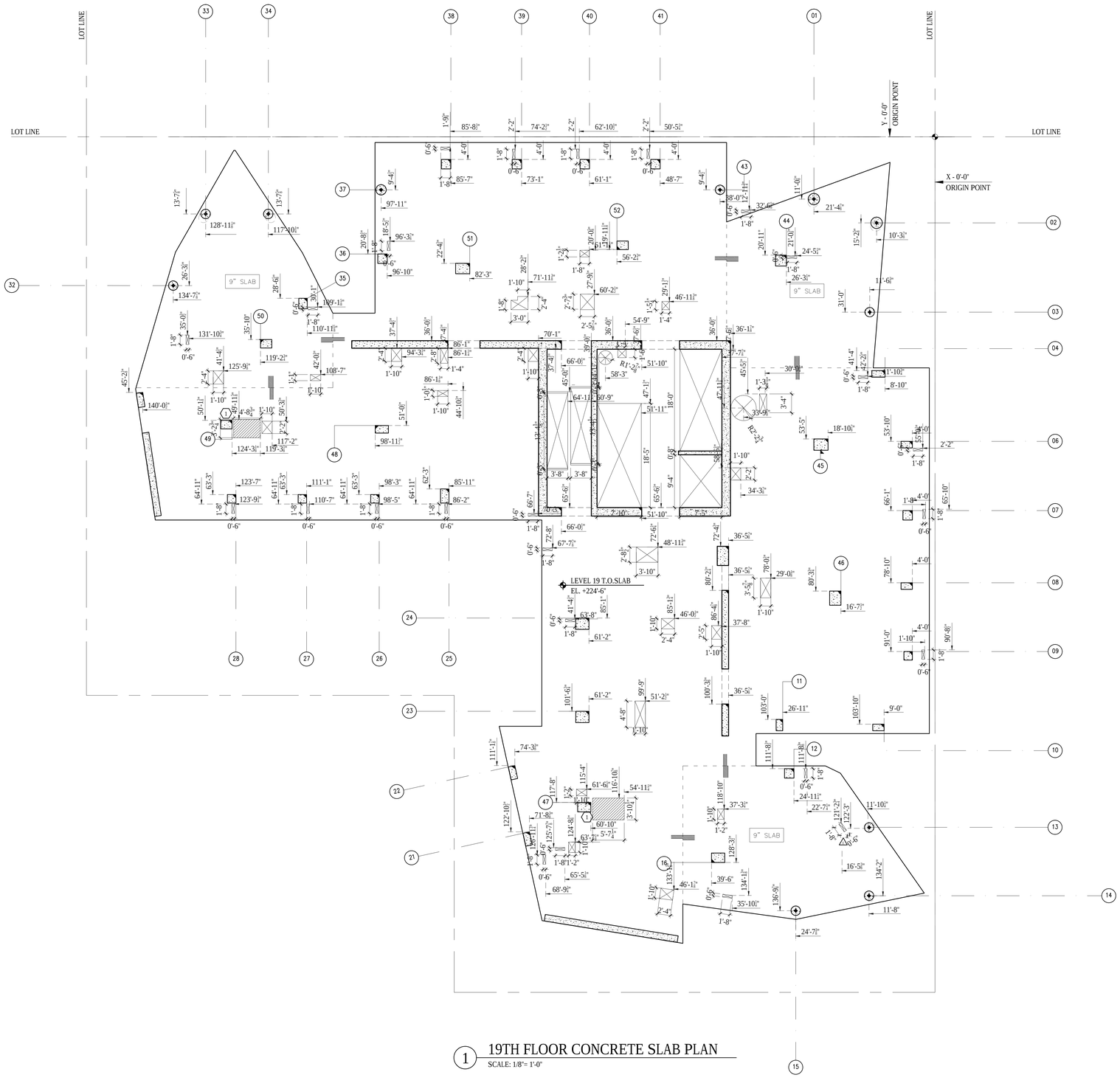

1 19TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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Damian Titus
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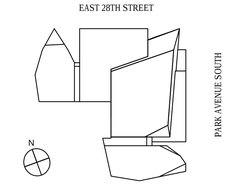
KEY PLAN



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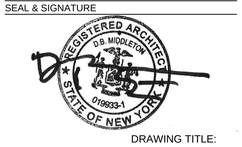
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
19TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-219.00

NYC DOB NO: 121181808

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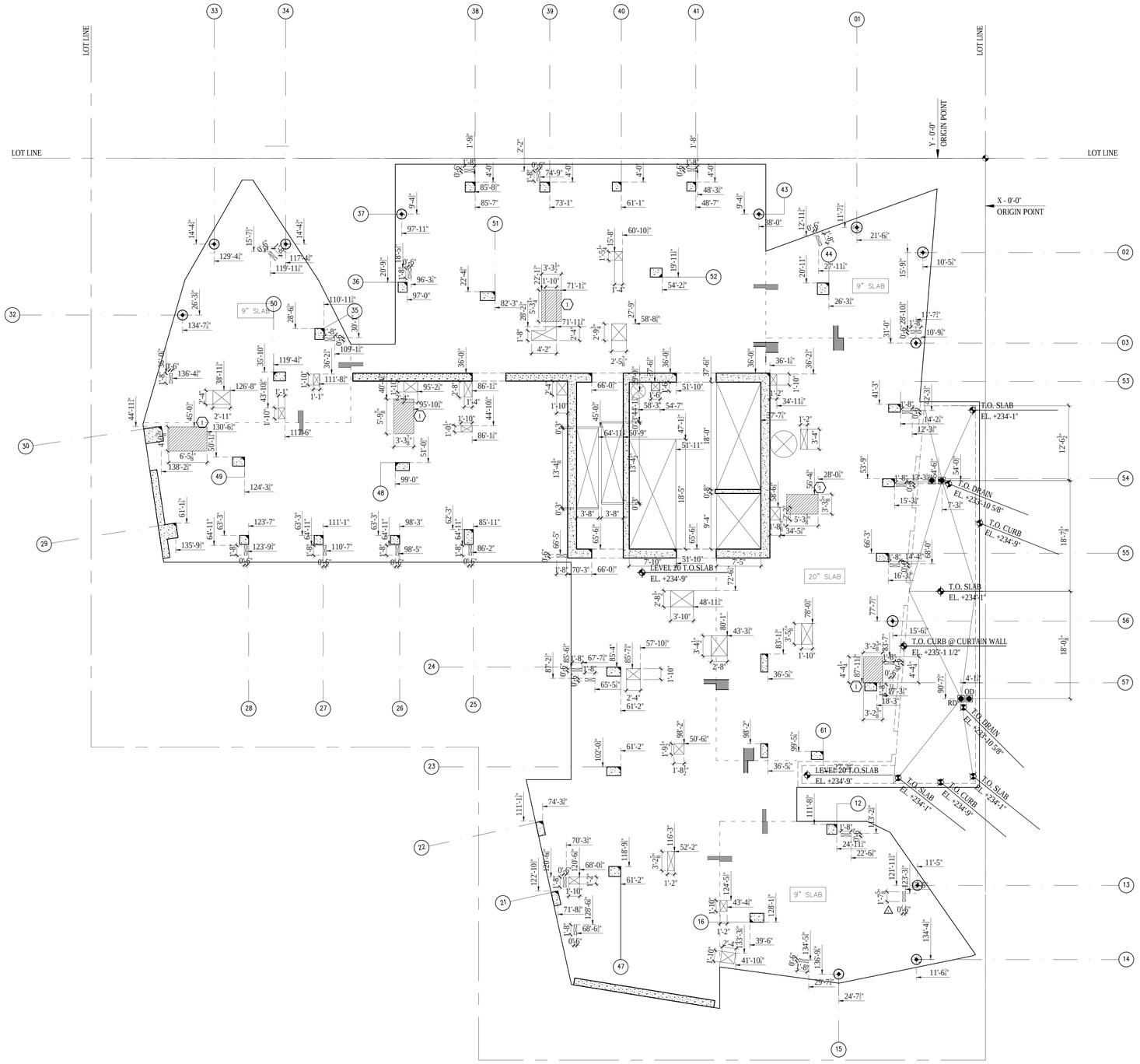
ES77Z004220 Scan Code



1 20TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
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KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

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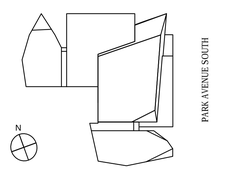
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
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DRAWING TITLE:
20TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-220.00

NYC DOB NO: 121181808

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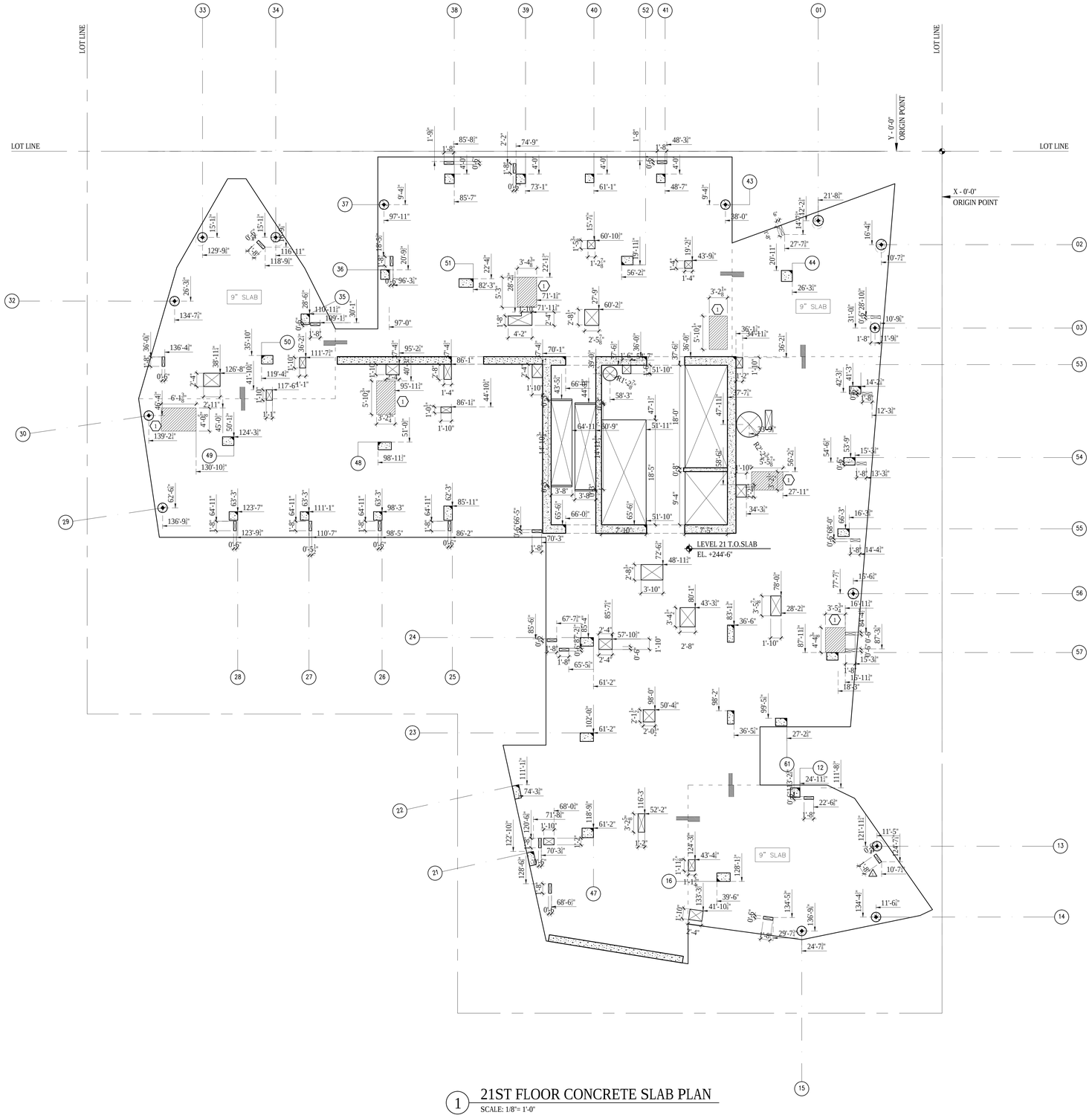

1 21ST FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
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INTERIOR DESIGN
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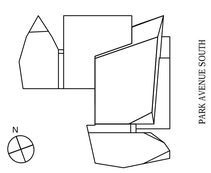
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 010933-1 STATE OF NEW YORK

DRAWING TITLE:
21ST FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-221.00

NYC DOB NO: 121181808

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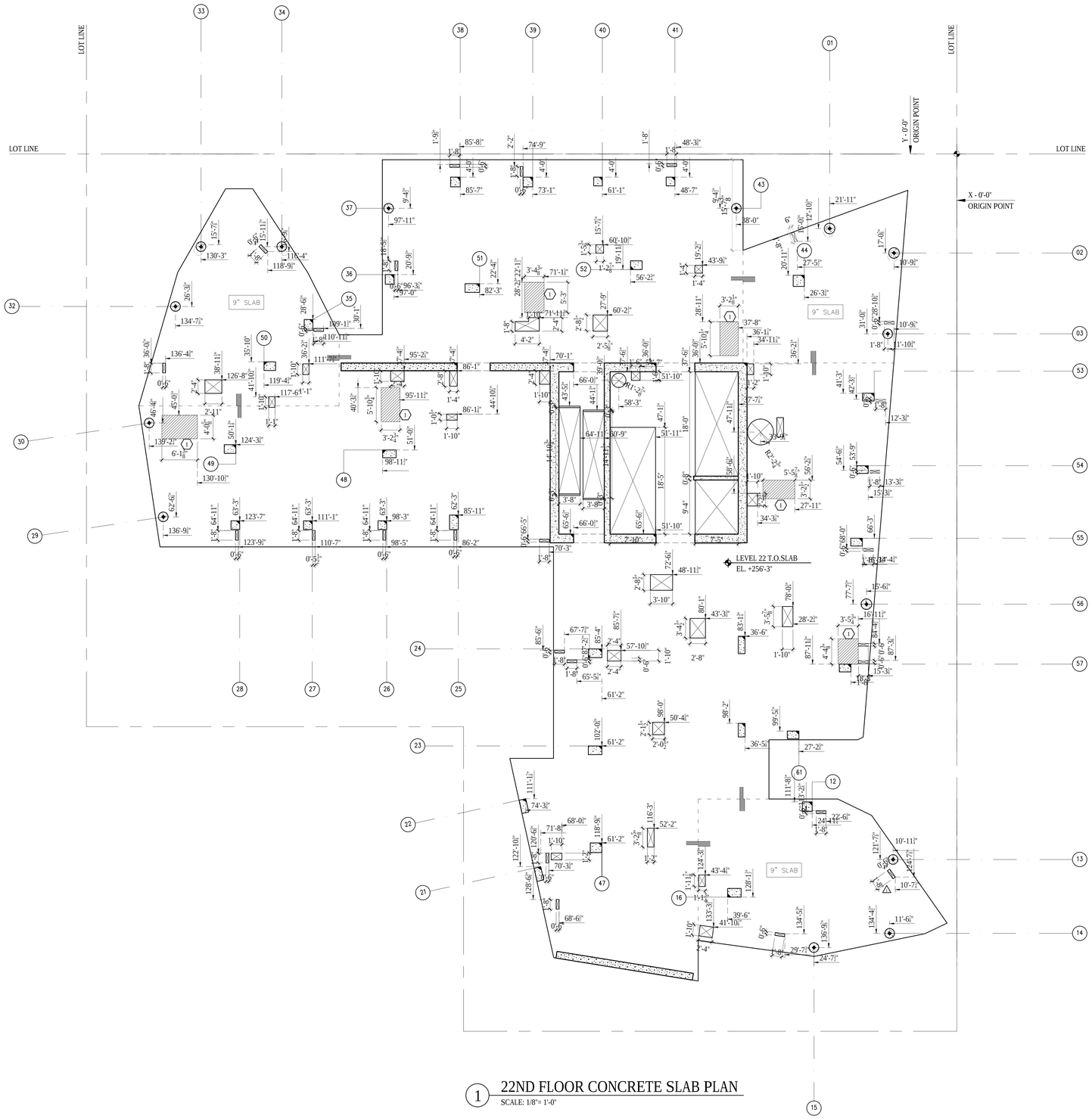
DEPT OF BLDGS121181808 Job Number
ES93850567S0 Scan Code



1 22ND FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

1. UNLESS OTHERWISE NOTED, SLAB THICKNESS IS 8".
2. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWIGS FOR ADDITONAL INFORMATION.

KEYED NOTES

(1) 7" DEPRESSED SLAB AT SHOWERS

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:46 AM
NYC Development Hub

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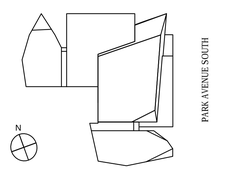

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
22ND FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-222.00

NYC DOB NO: 121181808

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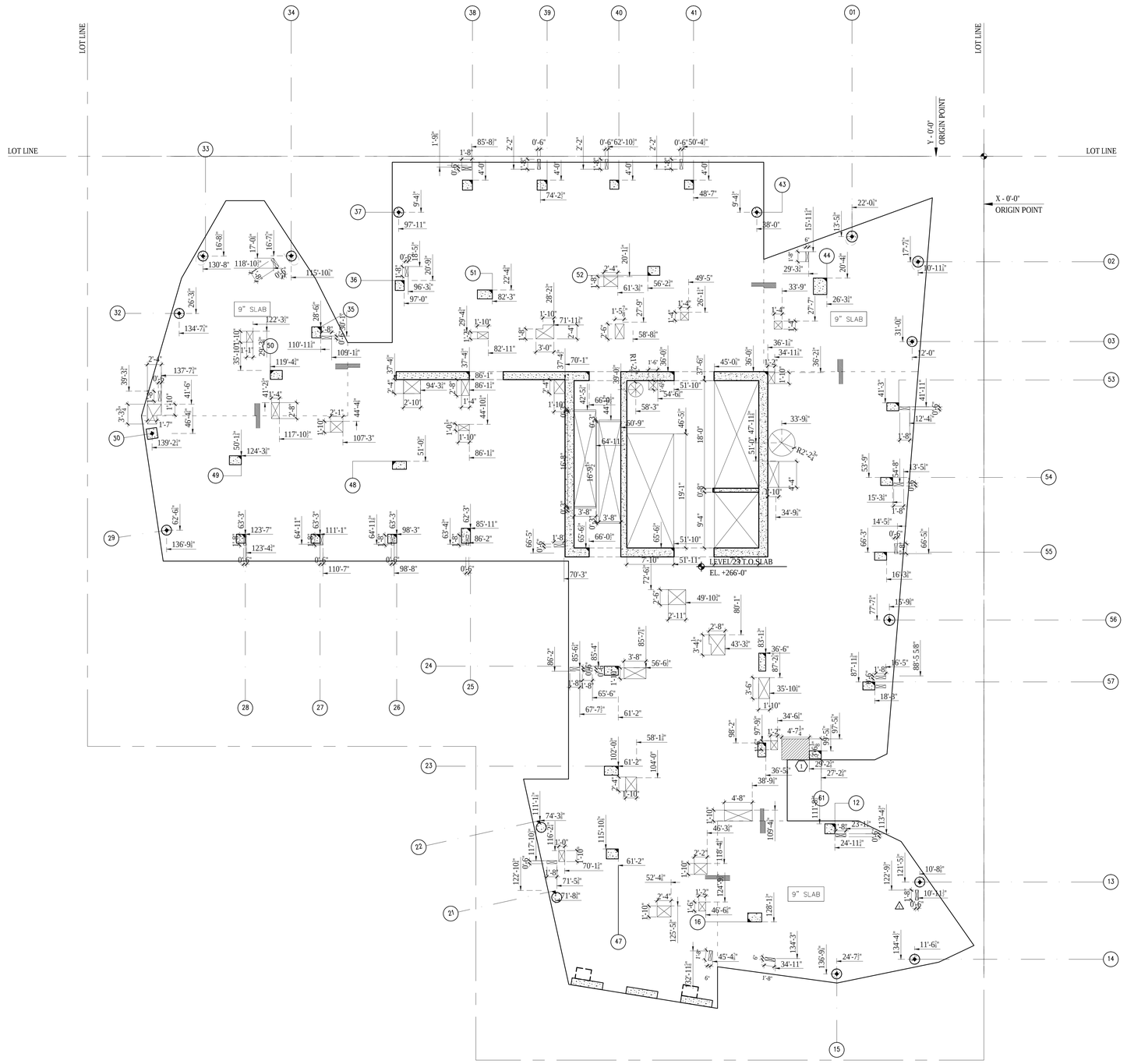
ES2547999863 Scan Code



1 23RD FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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- CHANGE IN ELEVATION
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KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
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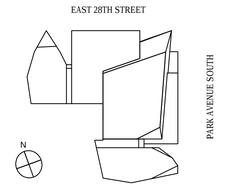
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019633-1 STATE OF NEW YORK

DRAWING TITLE:
23RD FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-223.00

NYC DOB NO: 121181808

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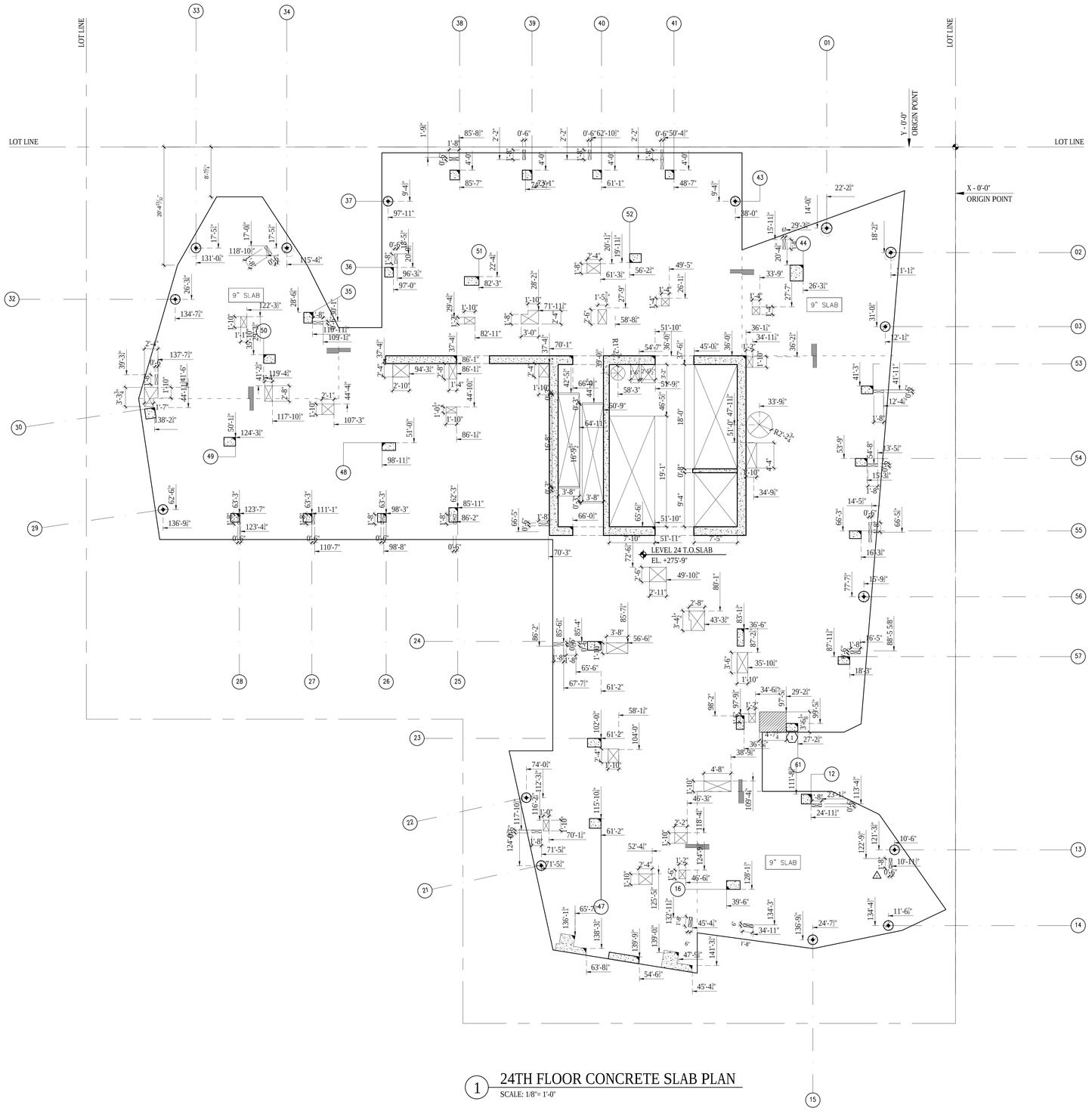
ES0754444191 Scan Code



1 24TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
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KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

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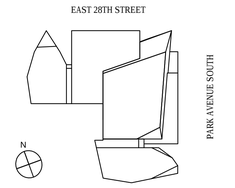
⚠	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019693-1 STATE OF NEW YORK

DRAWING TITLE:
24TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-224.00

NYC DOB NO: 121181808

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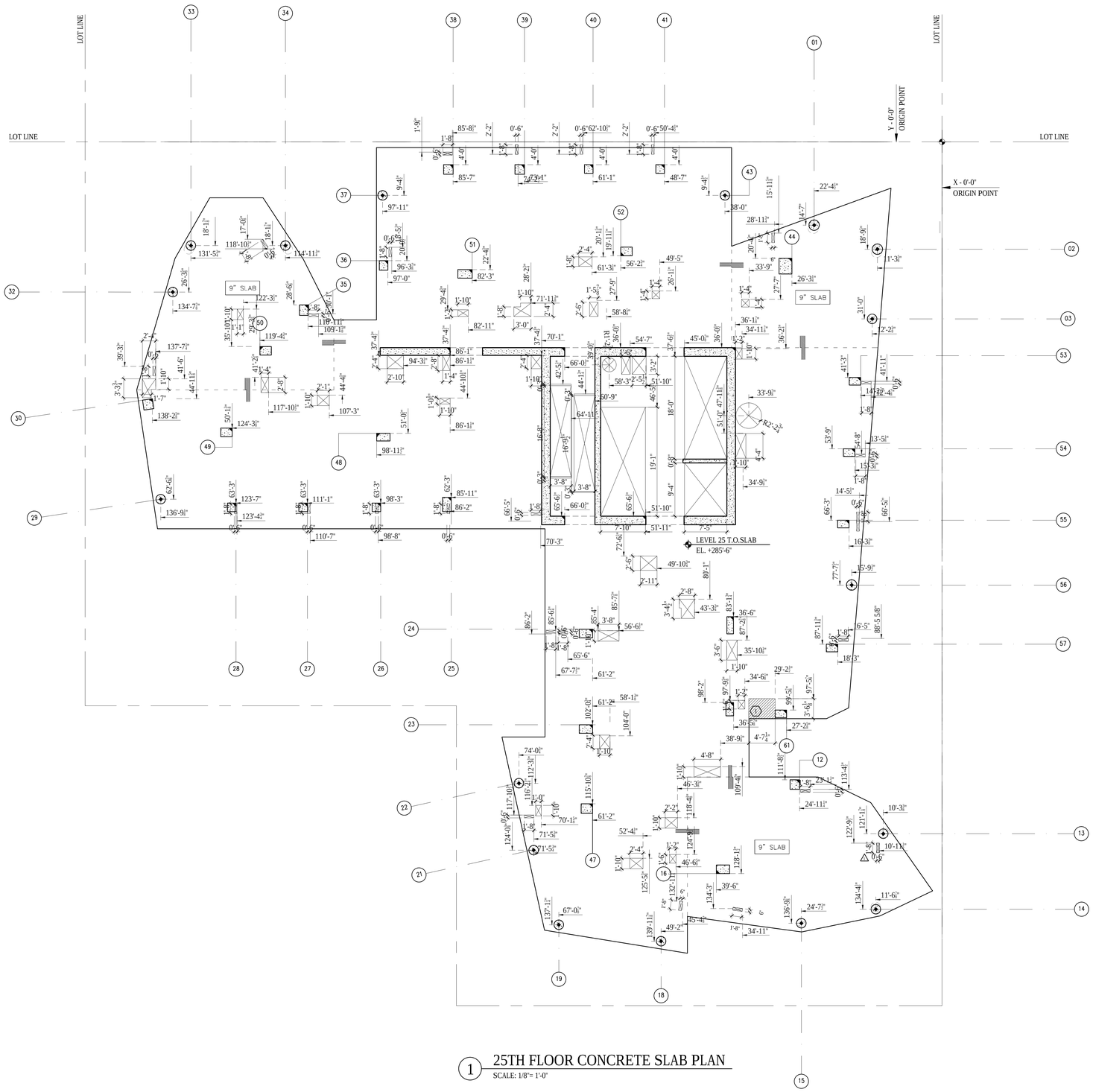
E-5087778225 Scan Code



LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
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- FD FLOOR DRAIN
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GENERAL NOTES

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KEYED NOTES

1. 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
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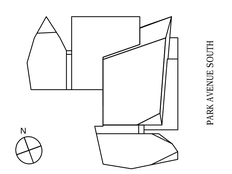

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.S. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
25TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-225.00

NYC DOB NO: 121181808

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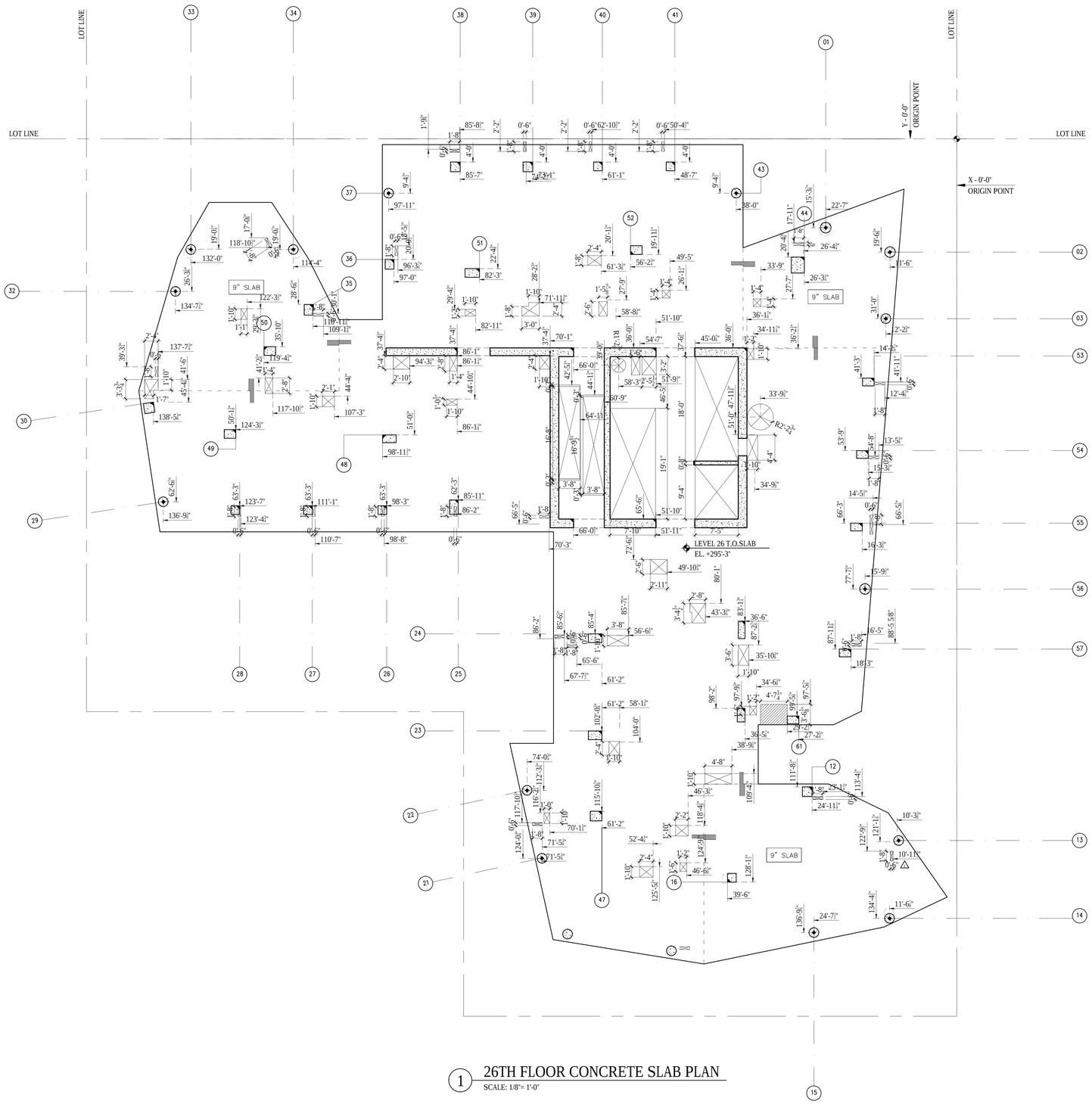
E-S20111412.2 Scan Code



1 26TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
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1 2" DEPRESSED SLAB AT SHOWERS

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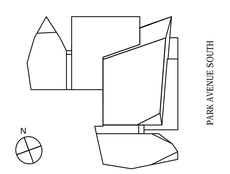
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
26TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-226.00

NYC DOB NO: 121181808

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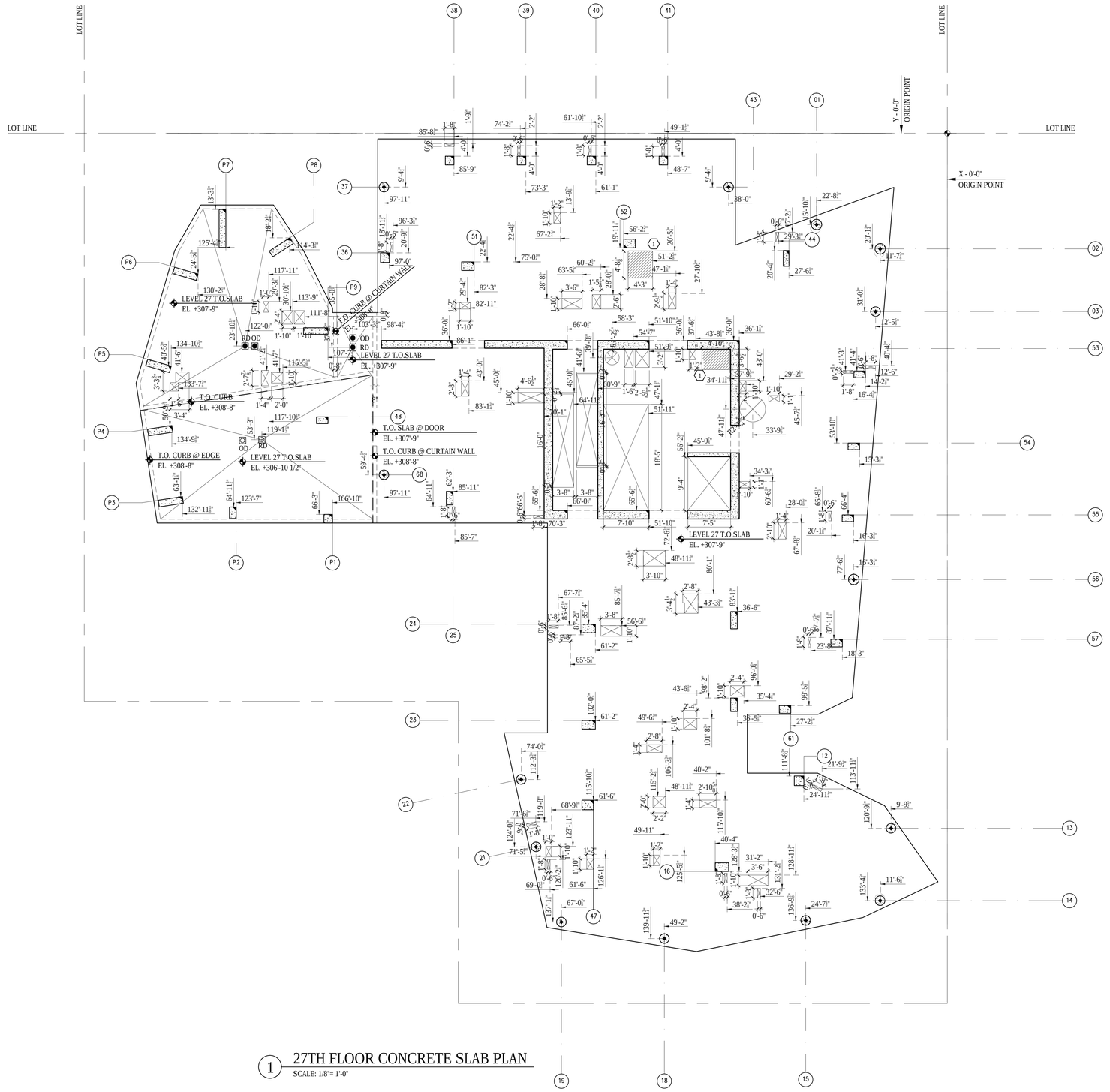
ES8834J08559 Scan Code



1 27TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

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1 2" DEPRESSED SLAB AT SHOWERS

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Under Directive 2 of 1975
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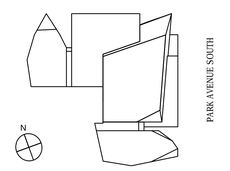

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
27TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-227.00

NYC DOB NO: 121181808

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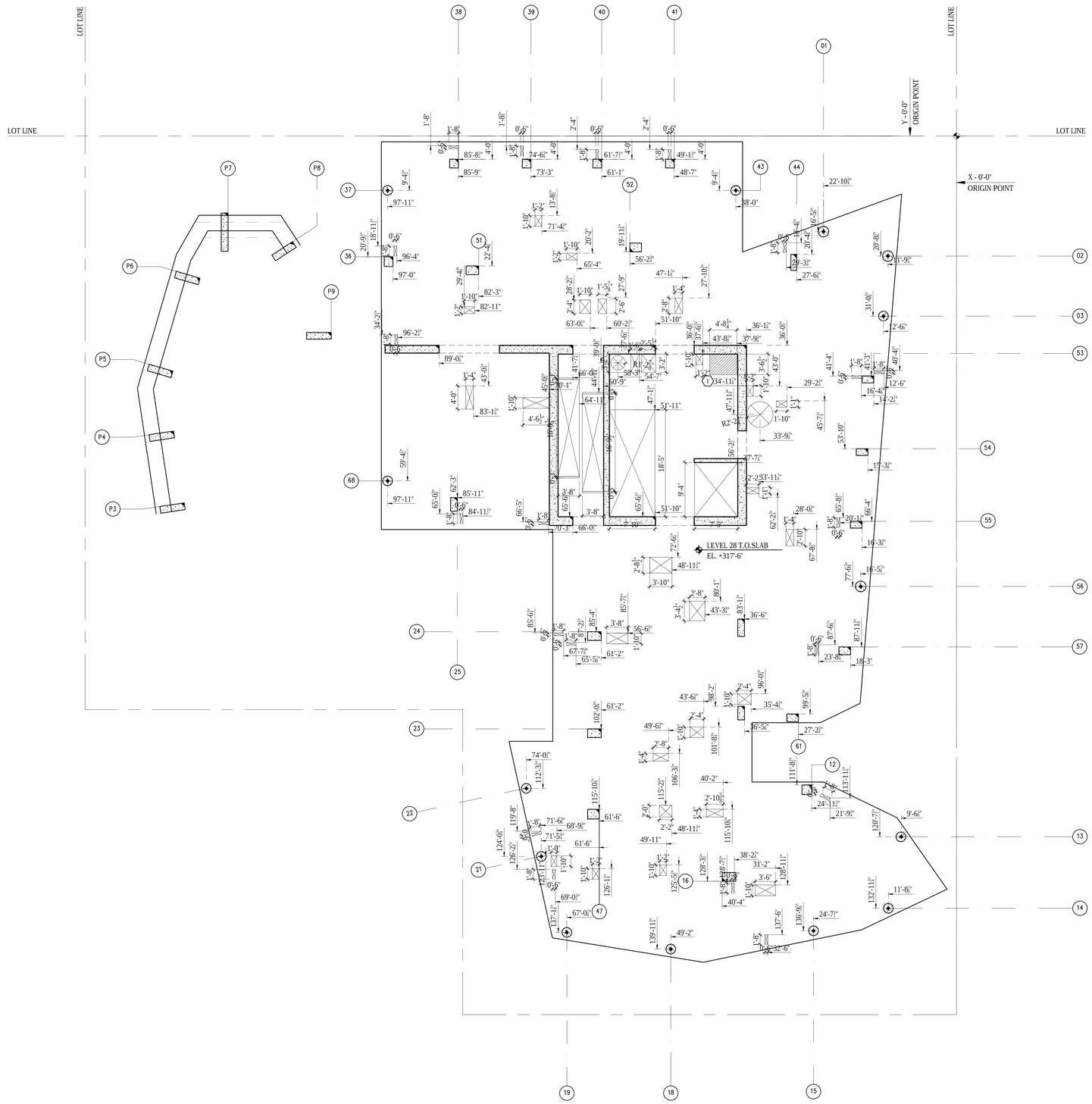

1 28TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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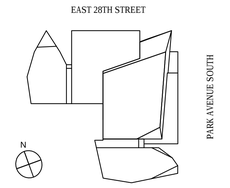

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
28TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-228.00

NYC DOB NO: 121181808

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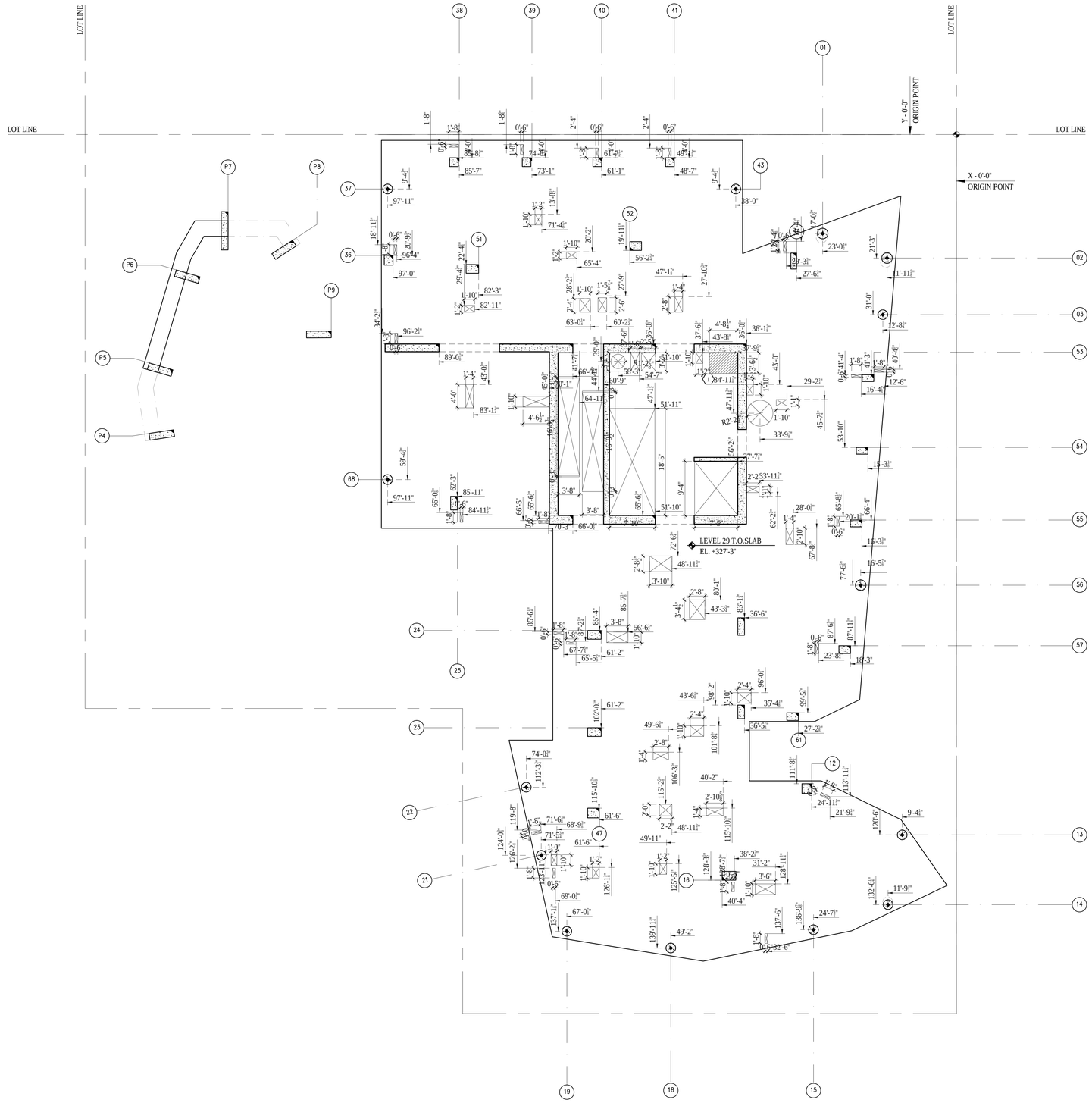
ES0804042373 Scan Code



1 29TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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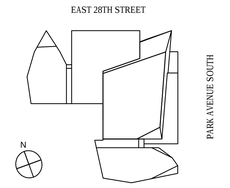

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

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DRAWING TITLE:
29TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-229.00

NYC DOB NO: 121181808

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ES9123653344 Scan Code

1 30TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

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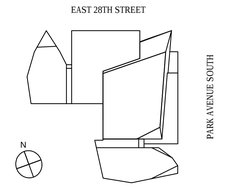

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DRAWING NO:
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NYC DOB NO: 121181808

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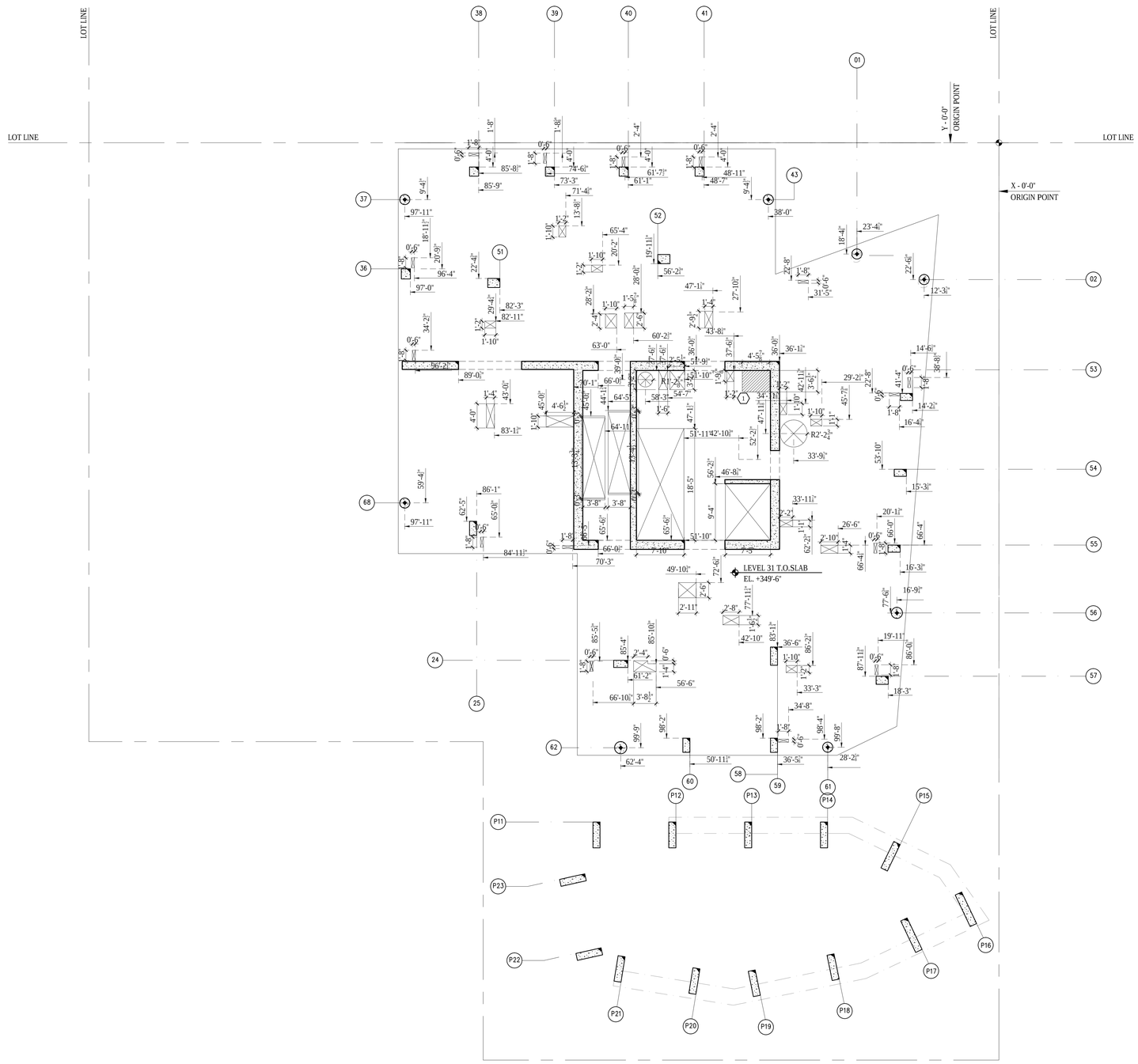
ES7594347S4 Scan Code



1 31ST FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

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3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWIGS FOR ADDITONAL INFORMATION.

KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
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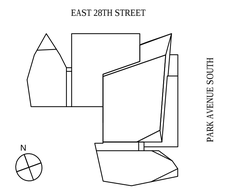
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
31ST FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-231.00

NYC DOB NO: 121181808

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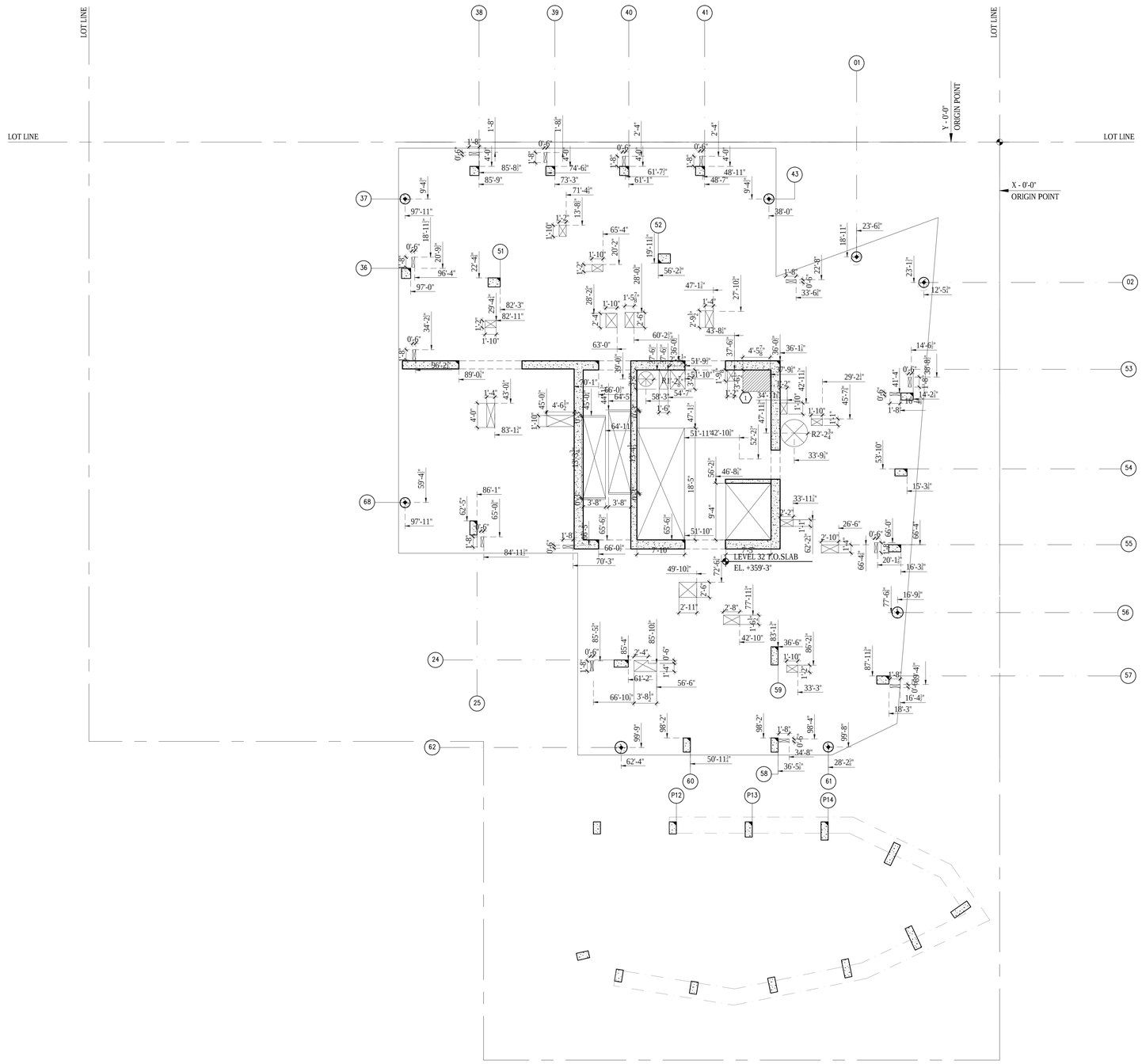

1 32ND FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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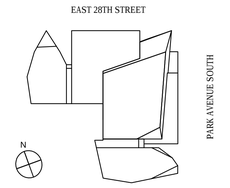
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
32ND FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-232.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
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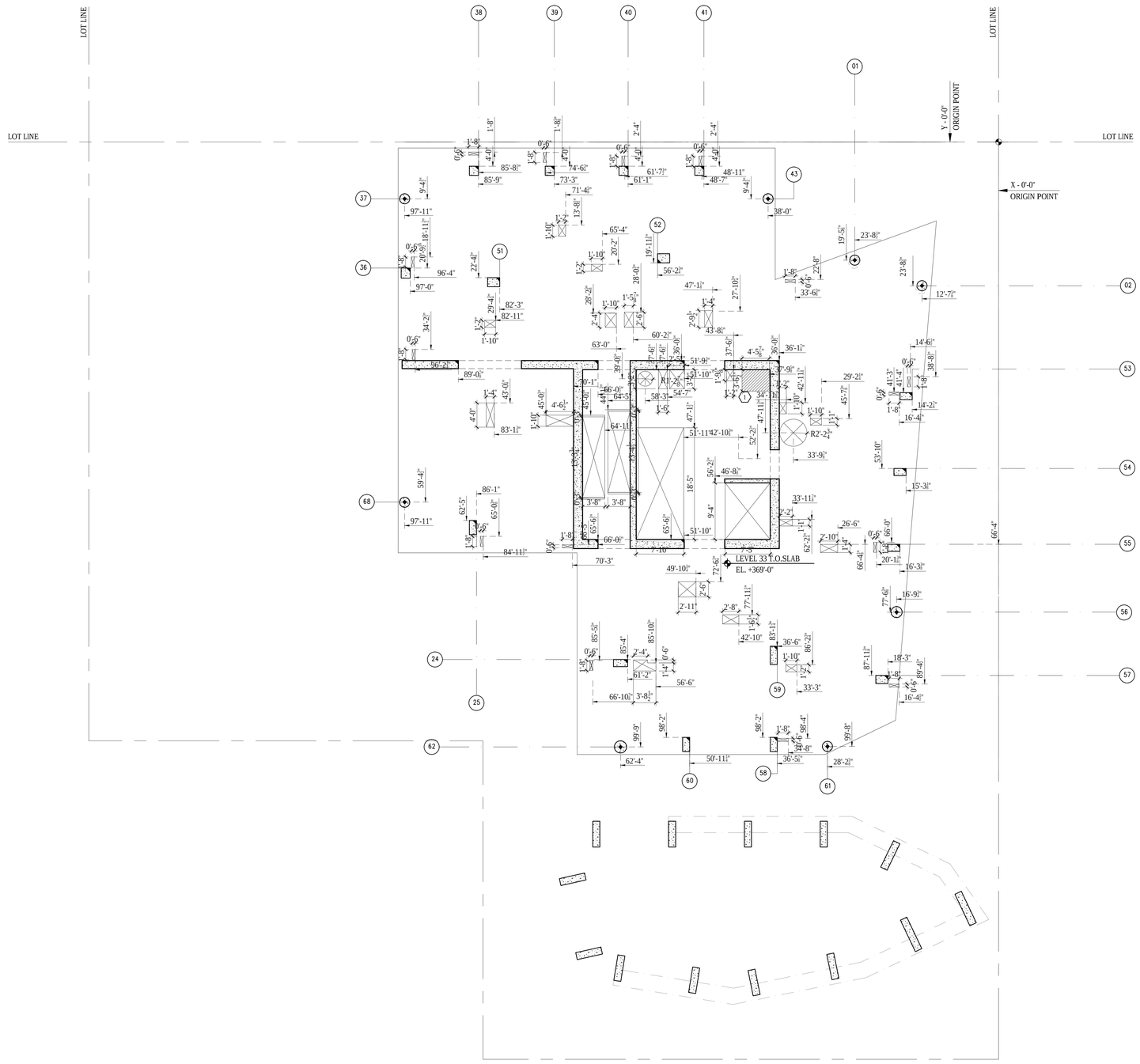

1 33RD FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
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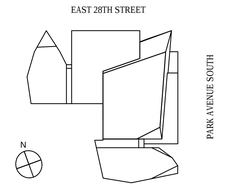

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
33RD FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-233.00

NYC DOB NO: 121181808

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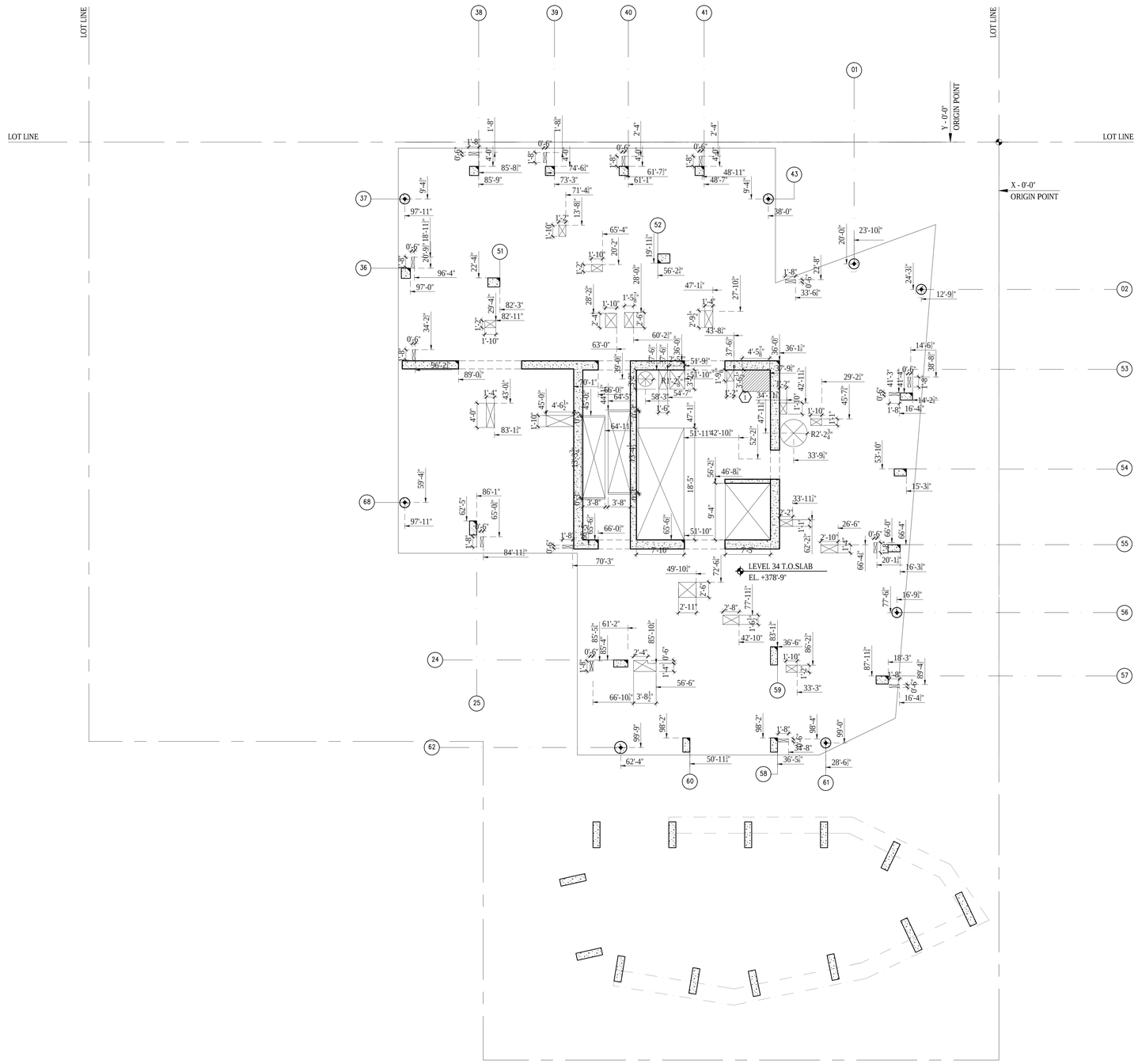
ES7186956236 Scan Code



1 34TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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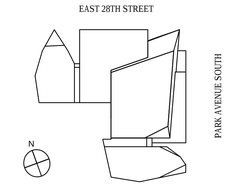

SCALE: 1/8"=1'-0"
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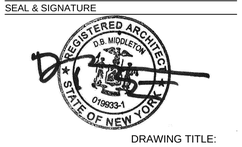
SEAL & SIGNATURE



DRAWING TITLE:
34TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-234.00

NYC DOB NO: 121181808

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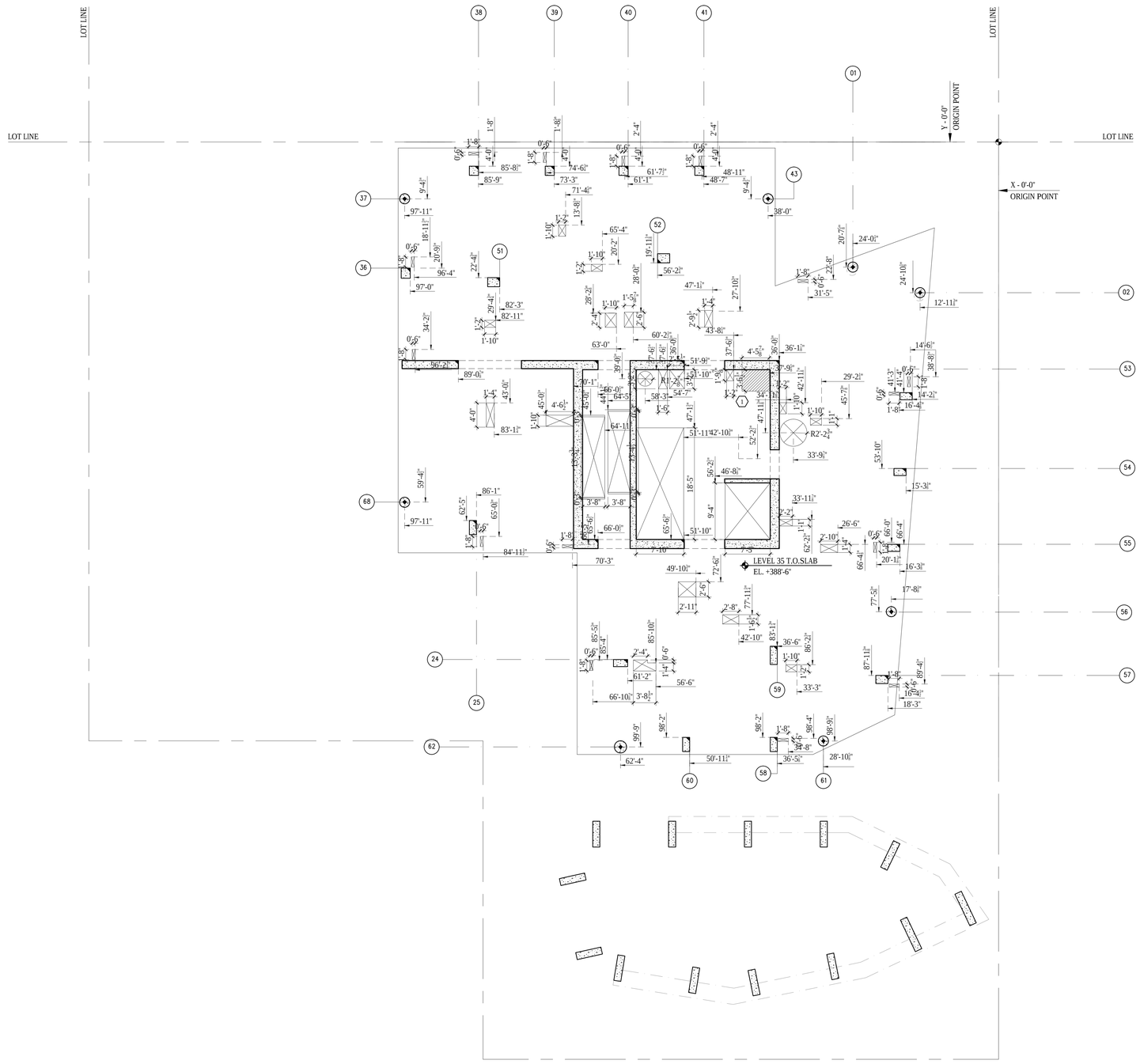
ES0809347483 Scan Code



1 35TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
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T: 212.725.6800

POOL AND FOUNTAIN
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T: 845.562.5611

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INTERIOR DESIGN
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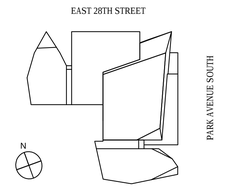
T: 212.243.3315

NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
35TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-235.00

NYC DOB NO: 121181808

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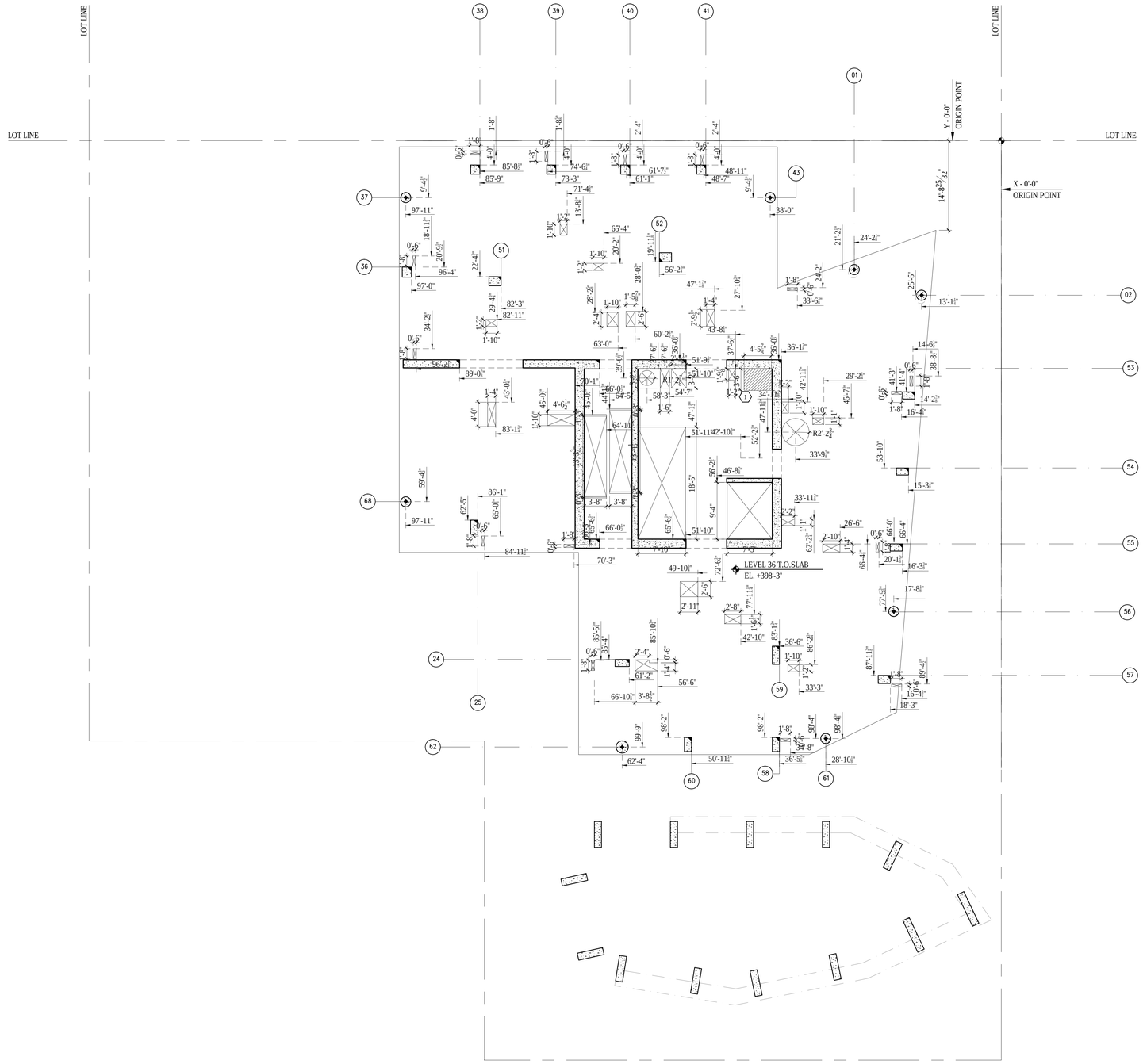
DEPT OF BLDGS121181808 Job Number
ES27361242 Scan Code



1 36TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

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3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWIGS FOR ADDITONAL INFORMATION.

KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:47 AM
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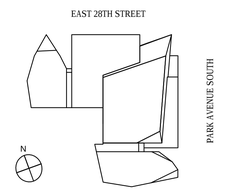

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SEAL & SIGNATURE

DRAWING TITLE:
36TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-236.00

NYC DOB NO: 121181808

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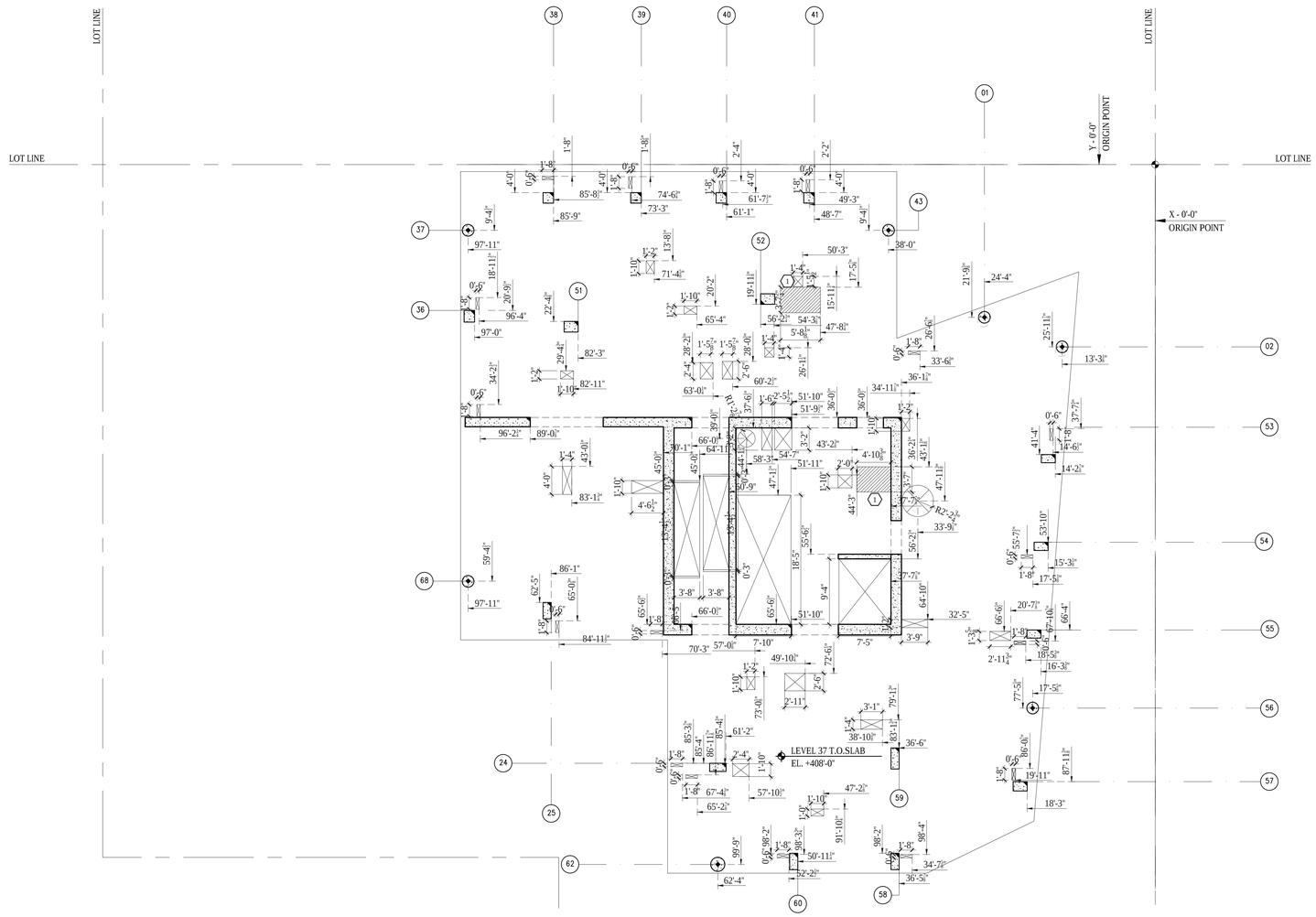

1 37TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
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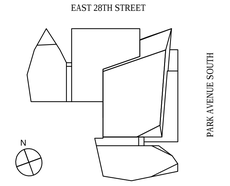

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
37TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-237.00

NYC DOB NO: 121181808

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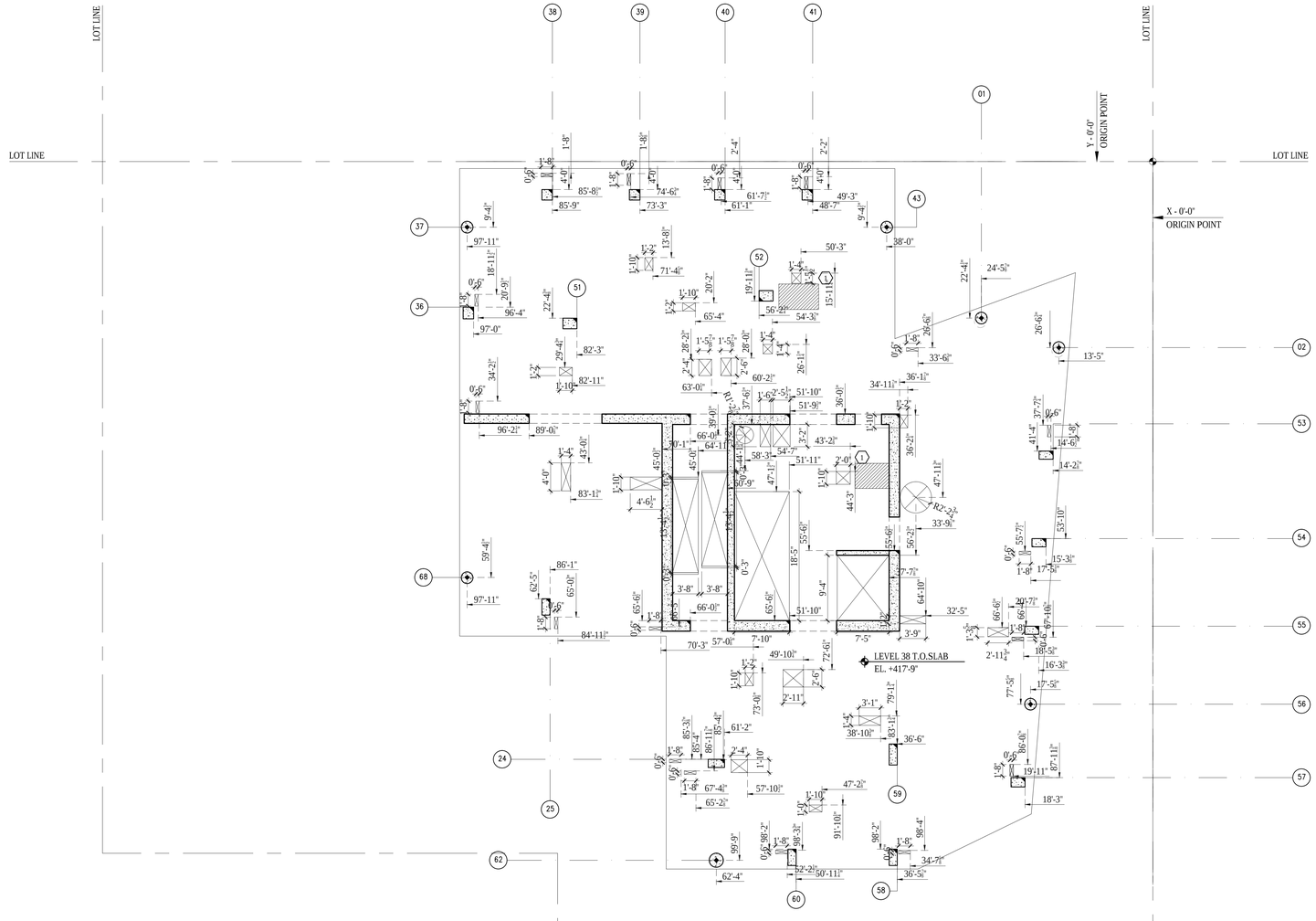

1 38TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
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Damian Titus
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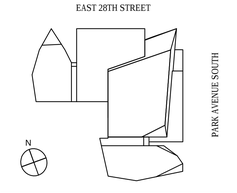

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT
D.B. MIDDLETON
019933-1
STATE OF NEW YORK

DRAWING TITLE:
38TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-238.00

NYC DOB NO: 121181808

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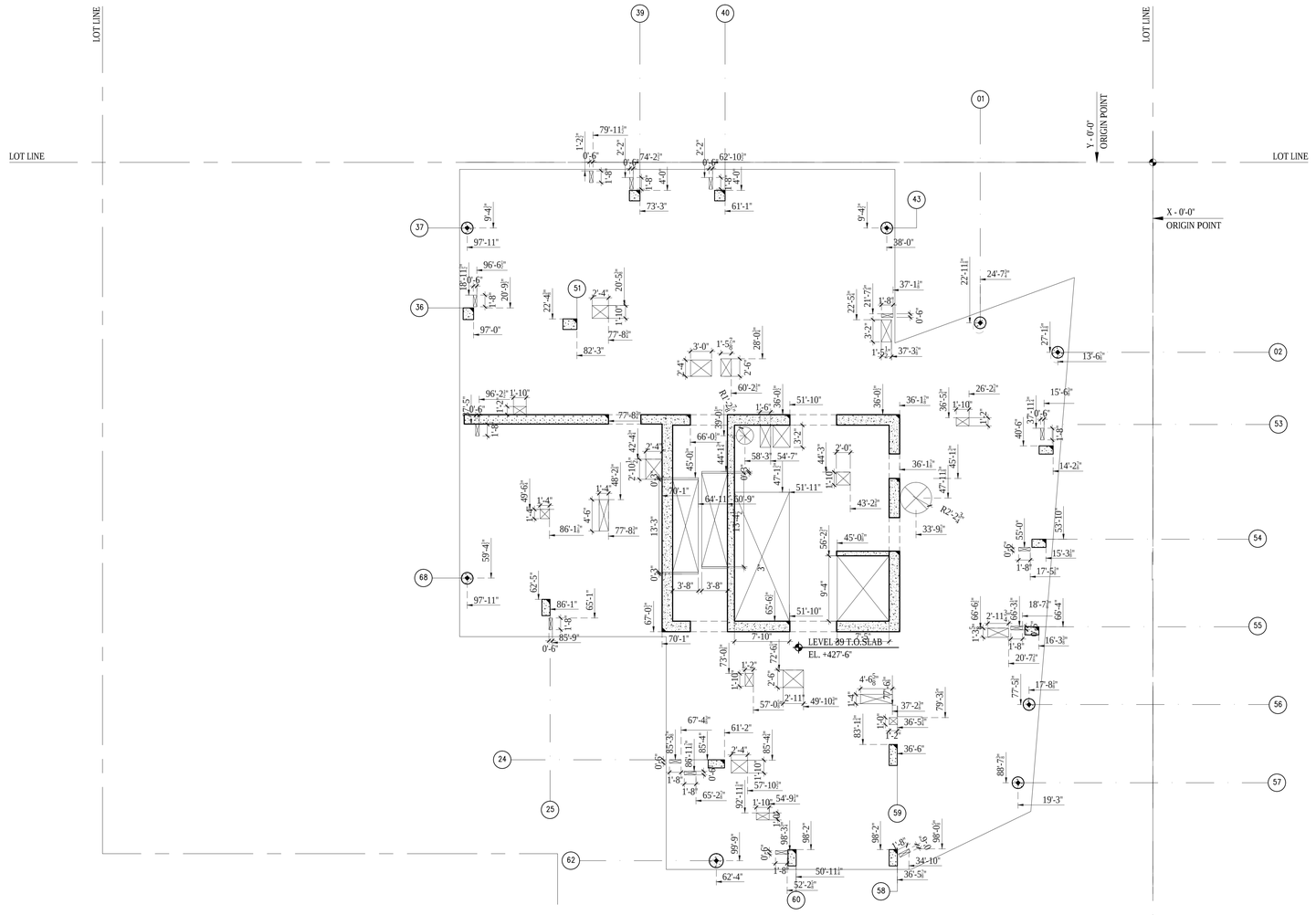
DEPT OF BLDGS 121181808 Job Number
ES3056827200 Scan Code



1 39TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
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- FD FLOOR DRAIN
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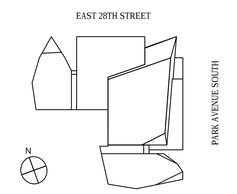

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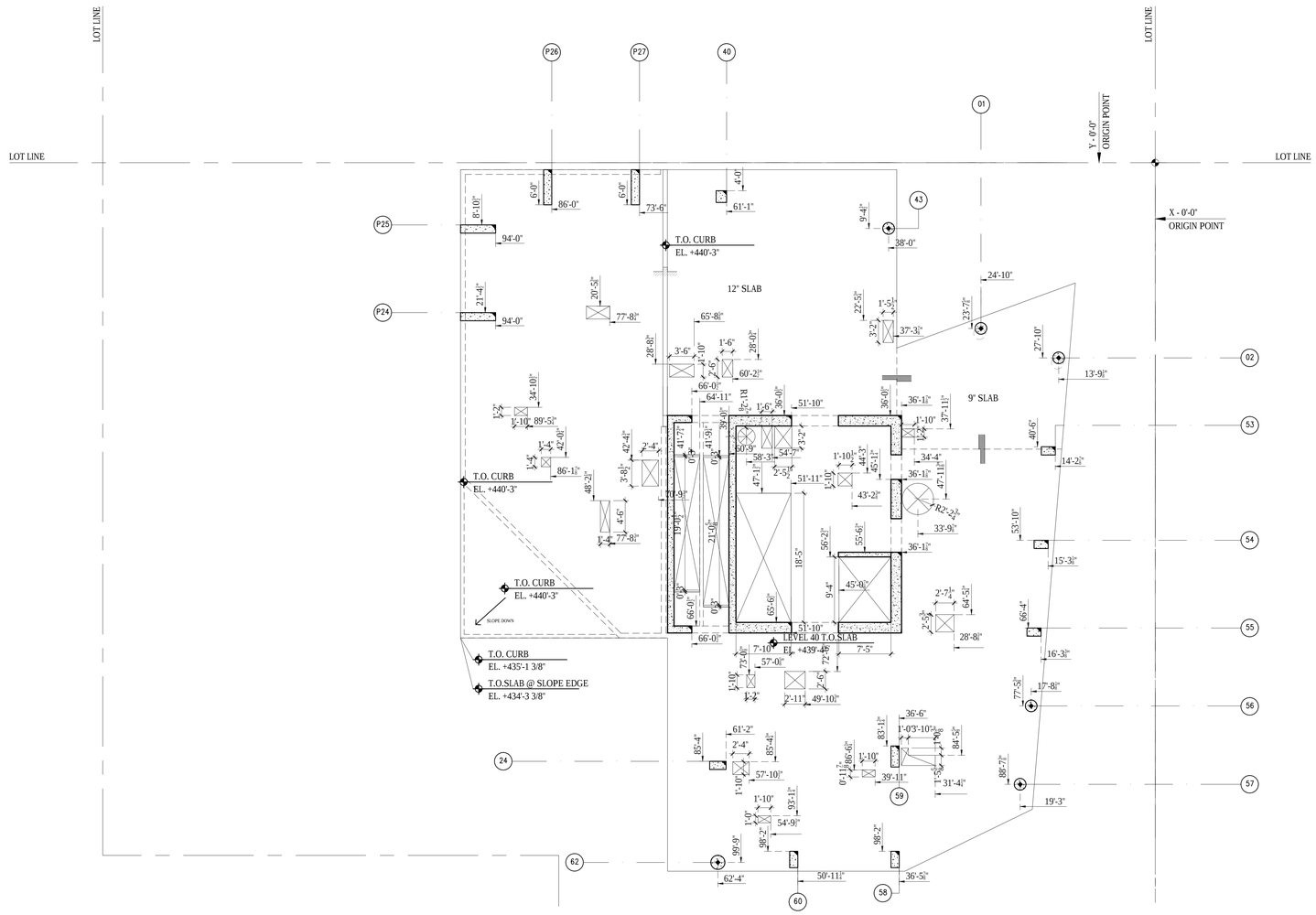

1 40TH FLOOR CONCRETE SLAB PLAN
SCALE: 1/8"= 1'-0"

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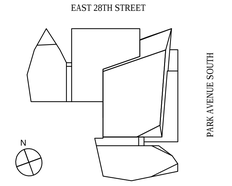
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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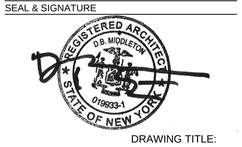
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
40TH FLOOR CONCRETE SLAB PLAN

DRAWING NO:
A-240.00

NYC DOB NO: 121181808

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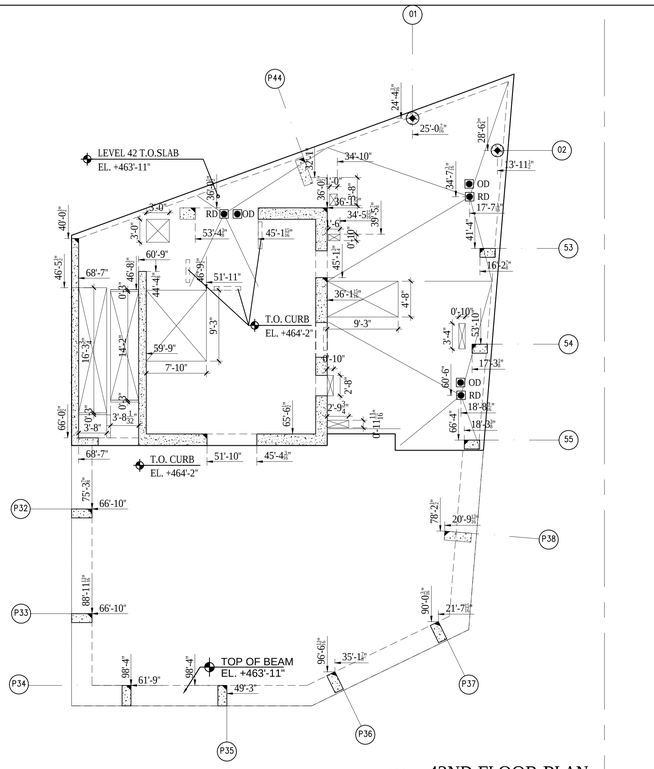
DEPT OF BLDGS121181808 Job Number
ES5007765015 Scan Code



2 42ND FLOOR PLAN
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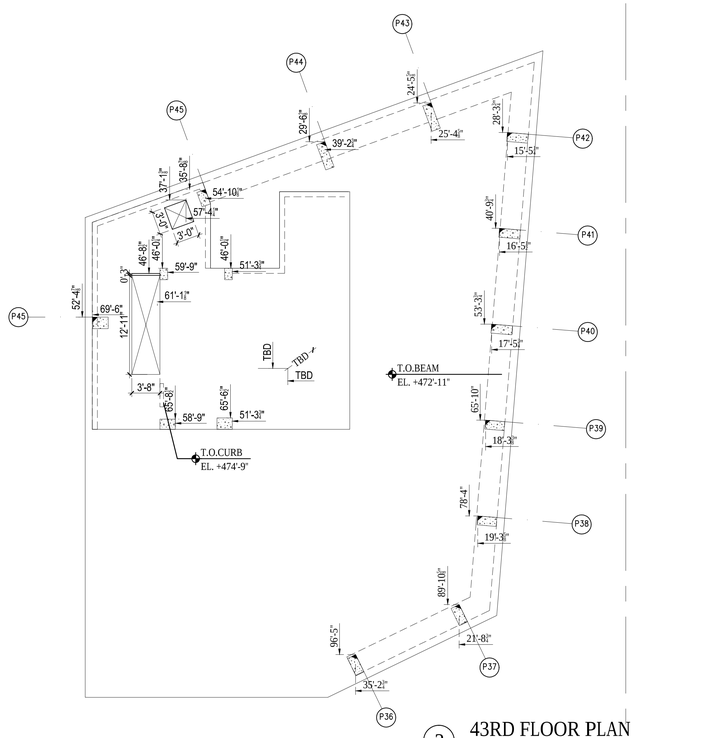
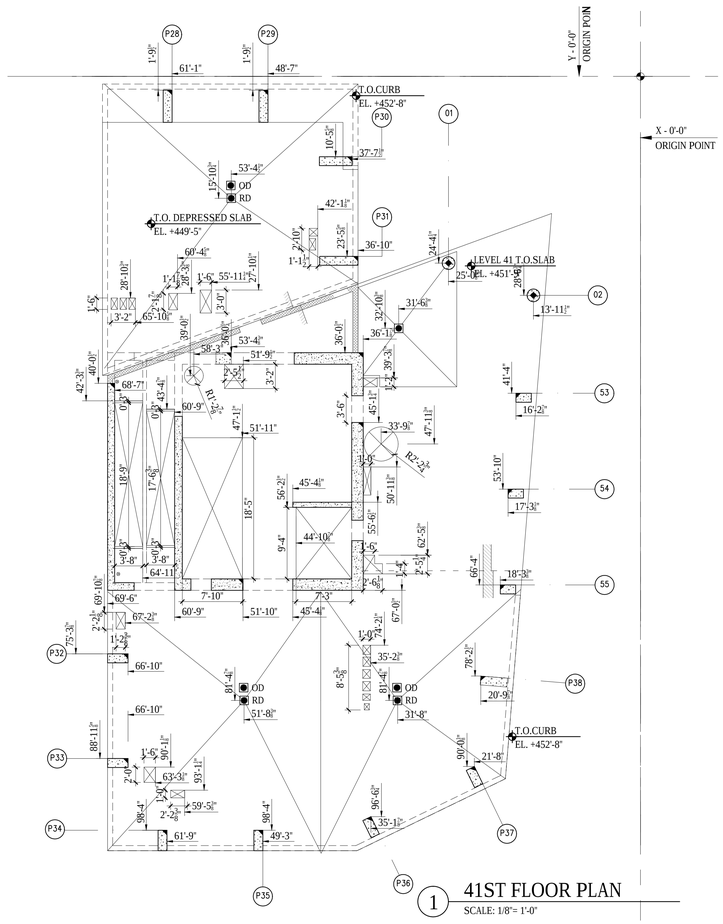


3 43RD FLOOR PLAN
SCALE: 1/8"= 1'-0"



1 41ST FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
- SLOPED SLAB
- CHANGE IN ELEVATION
- FD FLOOR DRAIN
- RD ROOF DRAIN

GENERAL NOTES

1. UNLESS OTHERWISE NOTED, SLAB THICKNESS IS 8".
2. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWIGS FOR ADDITONAL INFORMATION.

KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
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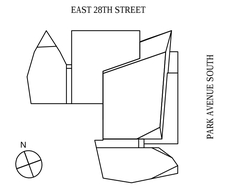
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
41ST, 42ND & 43RD CONCRETE SLAB PLANS

DRAWING NO:
A-241.00

NYC DOB NO: 121181808

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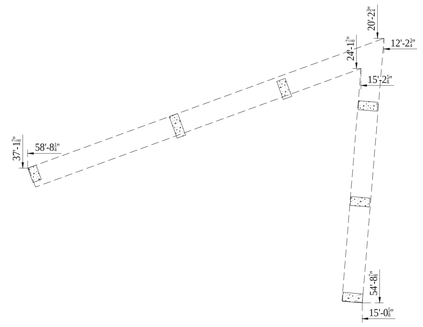
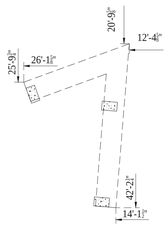
ES8458084566 Scan Code



2 45TH FLOOR PLAN
SCALE: 1/8"= 1'-0"



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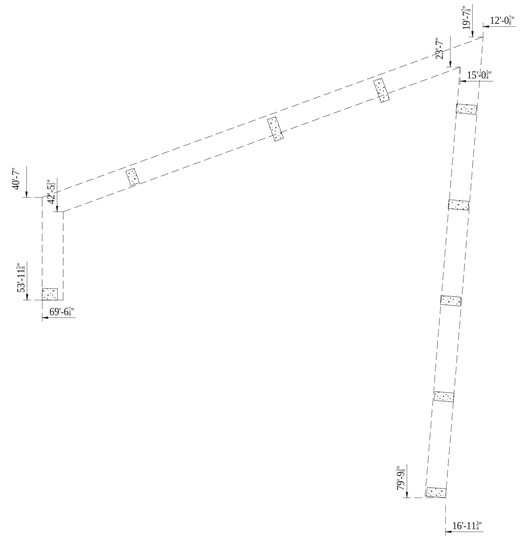
SCALE: 1/8"= 1'-0"



1 44TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

- INDICATES OPENING IN SLAB
- CONCRETE PAD OR CURB
- DEPRESSED SLAB
- FILL SLAB
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- CHANGE IN ELEVATION
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KEYED NOTES

1 2" DEPRESSED SLAB AT SHOWERS

Damian Titus
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APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:47 AM
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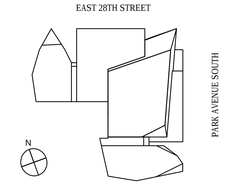
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
44TH, 45TH & 46TH CONCRETE SLAB PLANS

DRAWING NO:
A-244.00

NYC DOB NO: 121181808

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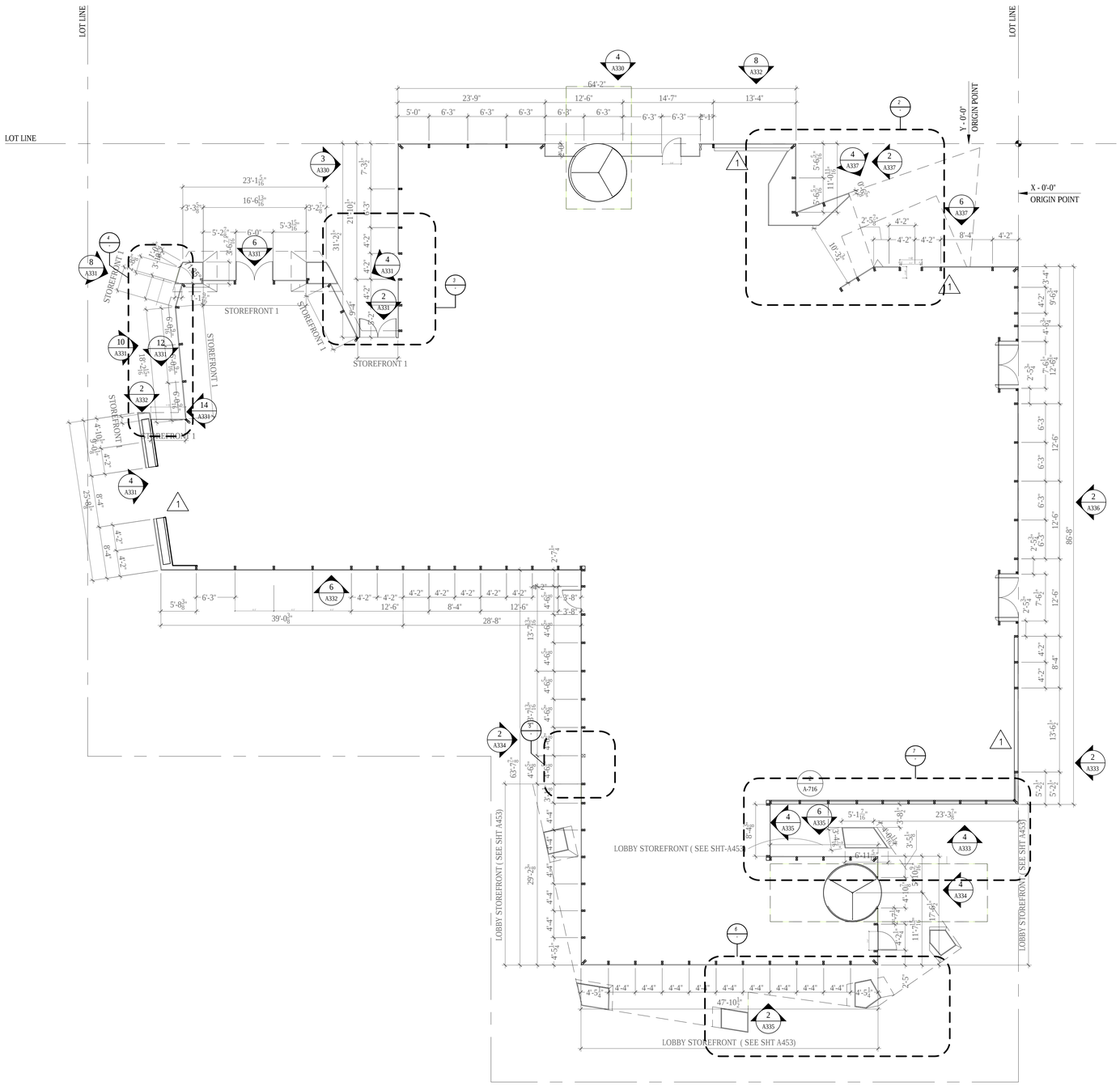
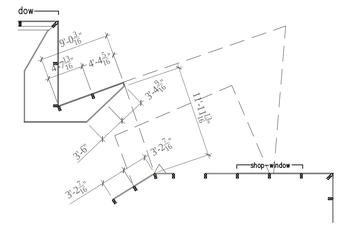
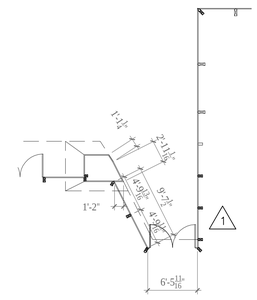


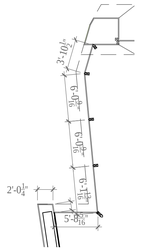
1 GROUND FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



2 GROUND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 GROUND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



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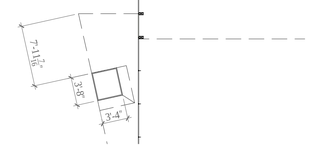
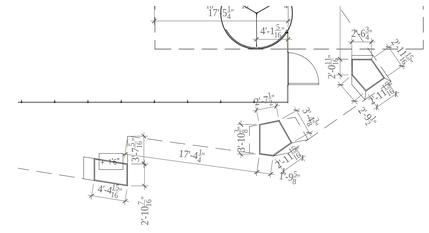
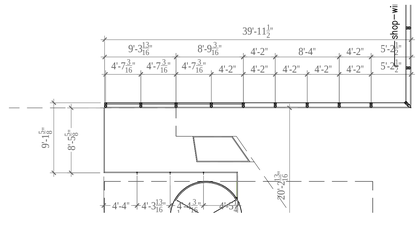


5 GROUND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



6 GROUND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



7 GROUND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. *REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER*
2. *ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.*
3. *DISTANCE EDGE OF SLAB - EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)*
   -> SEE SERIES A-440 to A444
4. *FACADE TYPES AND DETAILS SEE: ELEVATION A 201 TILL A204 AND DEVELOPED ELEVATION A210 TILL A214*

Damian Titus
Buildings
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Under Directive 2 of 1975
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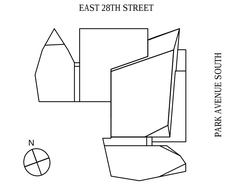
1	07.18.12	ASI 012

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
GROUND FLOOR PERIMETER PLAN

DRAWING NO:
A-251.00

NYC DOB NO: 121181808

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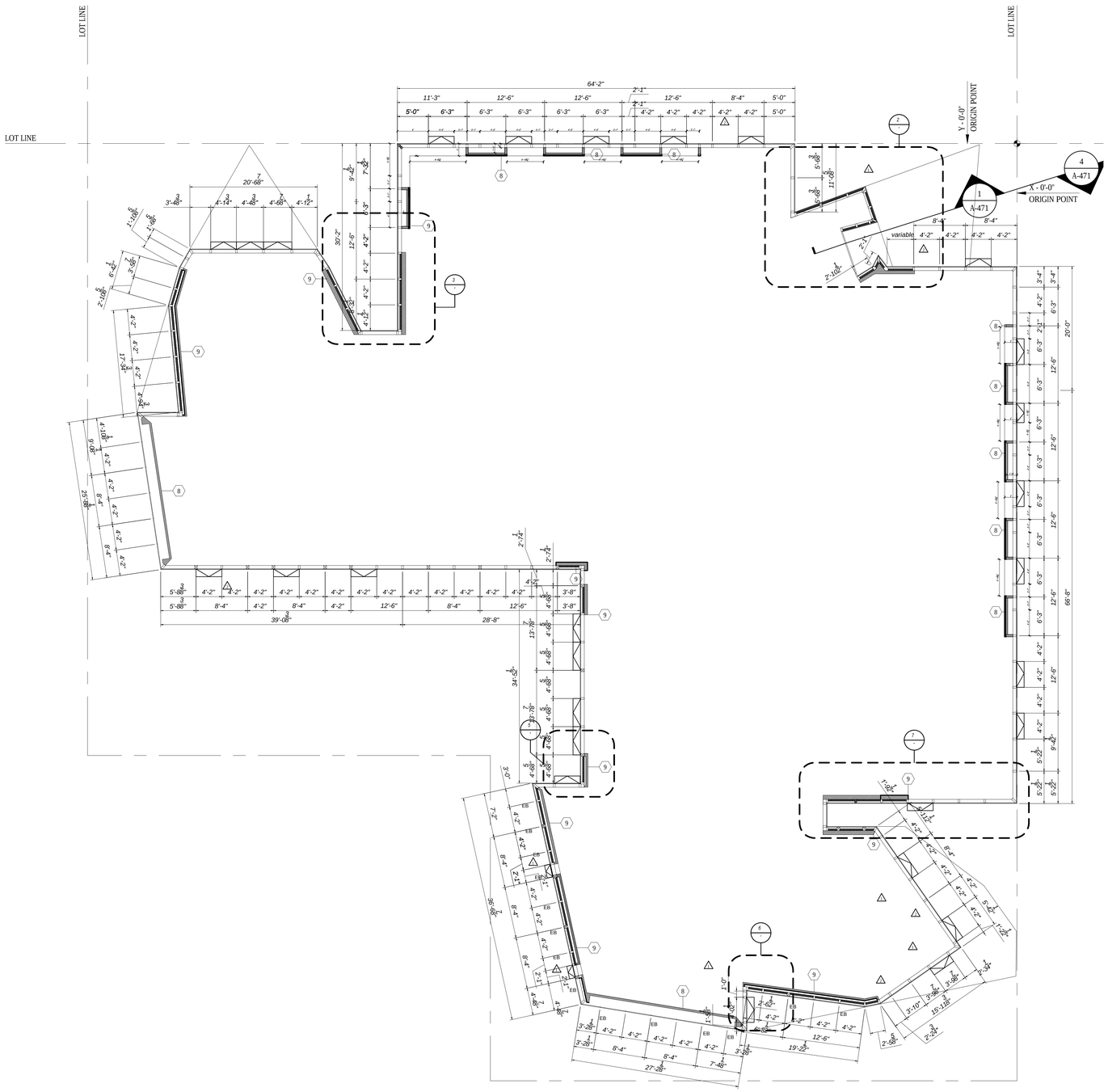
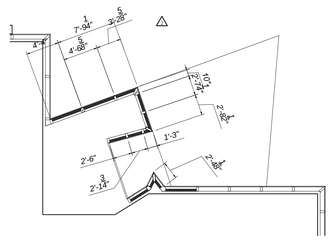
ES8469705-I Scan Code



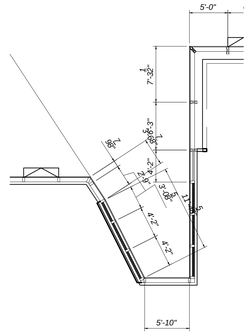
1 2ND FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 ON SHT A522)EXCEPT AS OTHERWISE NOTED

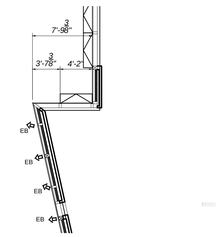


2 2ND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 2ND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
SCALE: 1/8" = 1'-0"



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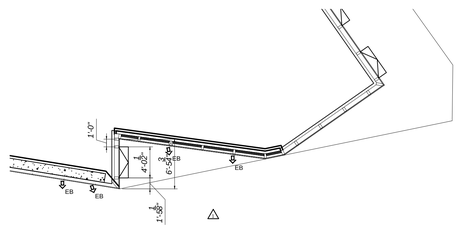

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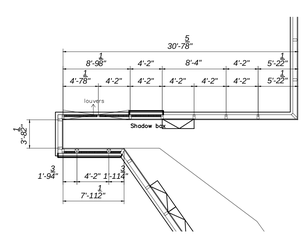
SCALE: 1/8" = 1'-0"



7 2ND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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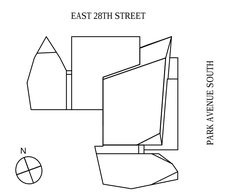
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
2ND FLOOR PERIMETER PLAN

DRAWING NO:
A-252.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
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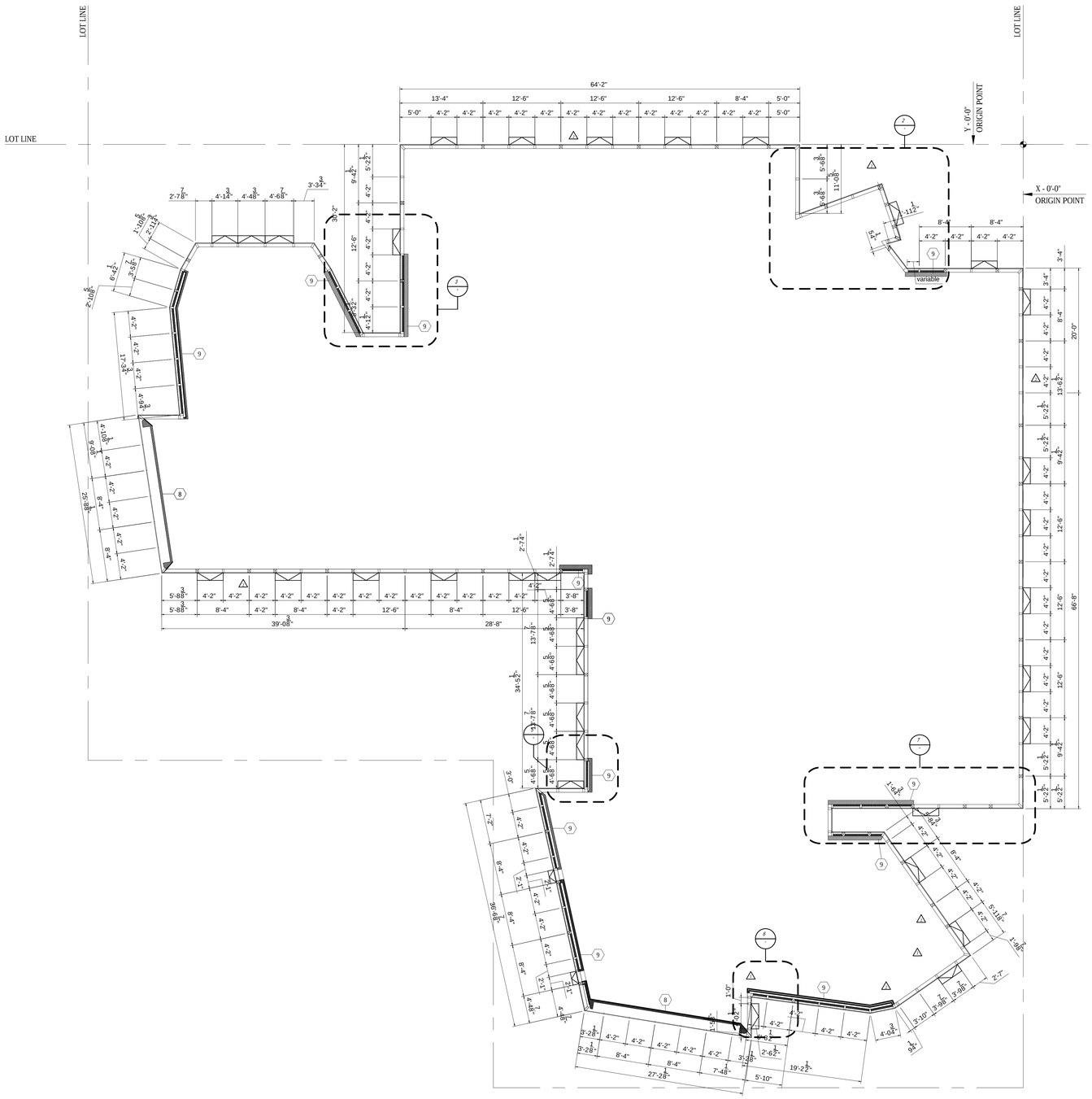

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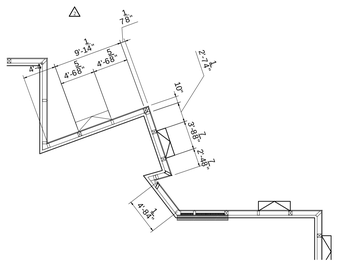

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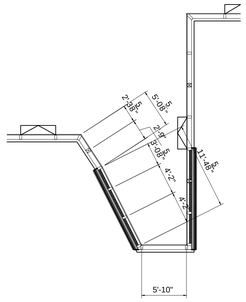
SCALE: 1/8" = 1'-0"



3 3RD FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
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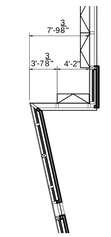

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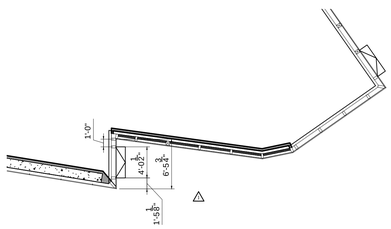
SCALE: 1/8" = 1'-0"



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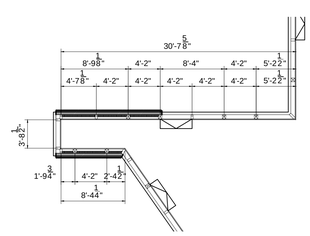

7 3RD FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
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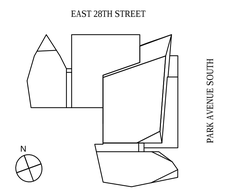
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
3RD FLOOR PERIMETER PLAN

DRAWING NO:
A-253.00

NYC DOB NO: 121181808

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APPROVED
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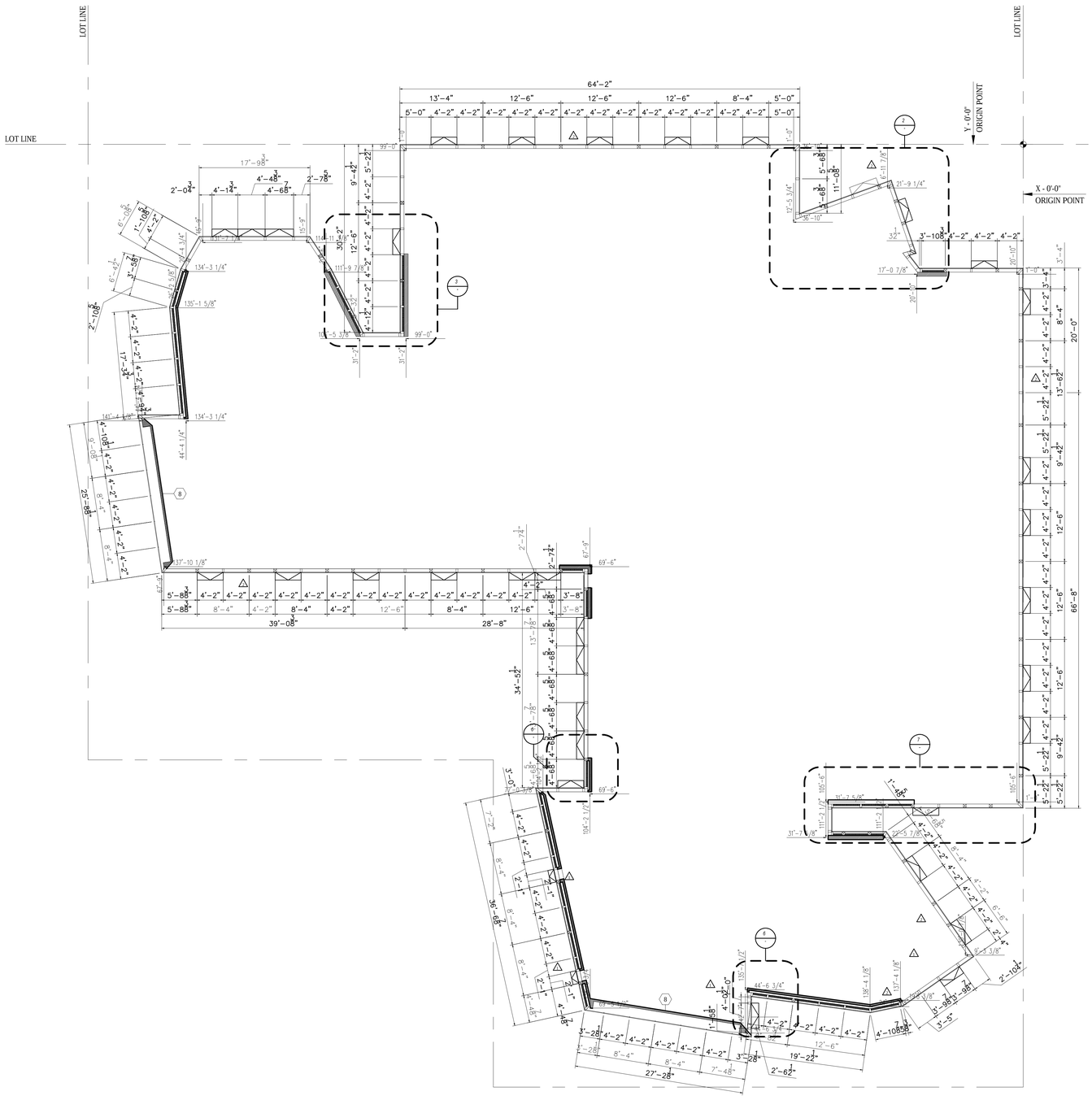
ES405378406 Scan Code



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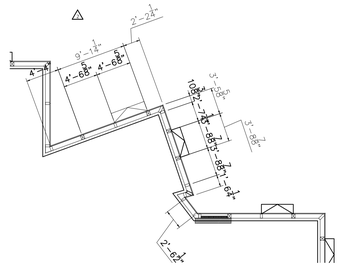

2 4TH FLOOR PERIMETER PLAN-DETAIL
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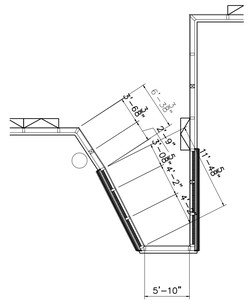

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SCALE: 1/8" = 1'-0"

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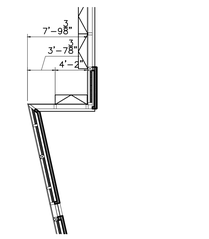

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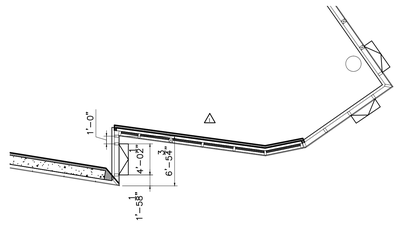

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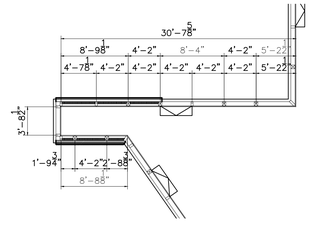

7 4TH FLOOR PERIMETER PLAN-DETAIL
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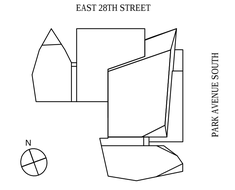
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT
D.S. MIDDLETON
010933-1
STATE OF NEW YORK

DRAWING TITLE:
4TH FLOOR PERIMETER PLAN

DRAWING NO:
A-254.00

NYC DOB NO: 121181808

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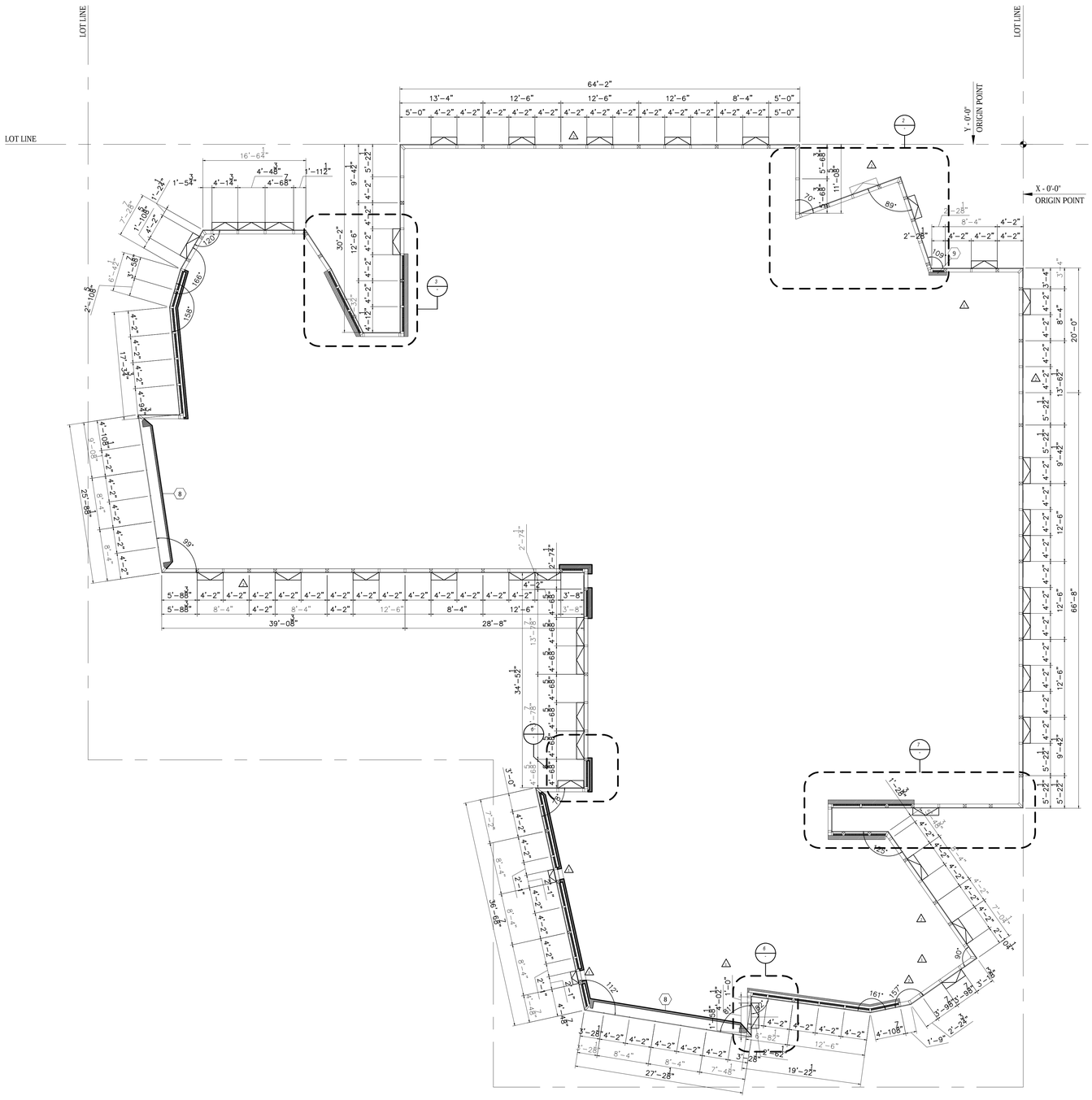
ES1419199860 Scan Code


LOT LINE
LOT LINE
LOT LINE
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8'-4"
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ORIGIN POINT
X - 0'-0"
ORIGIN POINT
16'-6 3/4"
4'-48 3/4"
4'-68 7/8"
1'-11 1/2"
1'-5 3/4"
4'-1 3/4"
30'-2"
12'-6"
9'-4 1/2"
5'-2 1/2"
4'-2"
2'-10 5/8"
2'-2 1/8"
4'-6 3/8"
5'-6 3/8"
11'-0 3/8"
8'-4"
2'-2 1/8"
4'-2"
4'-4 1/2"
4'-1 1/2"
4'-9 3/4"
17'-3 3/4"
25'-8 3/8"
9'-0 5/8"
8'-4"
39'-0 8/8"
28'-8"
34'-5 1/2"
36'-6 3/8"
27'-2 3/8"
19'-2 1/2"
66'-8"
20'-0"
13'-6 1/2"
5'-2 1/2"
9'-4 1/2"
3'-4"
8'-4"
4'-2"
3'-8"
3'-0"
2'-7 1/4"
2'-10 1/4"
2'-10 1/4"
1'-2 3/8"
1'-9 1/2"
3'-9 3/8"
3'-1 5/8"
4'-10 7/8"
4'-10 1/8"
5'-8 1/2"
5'-8 3/8"
3'-2 7/8"
3'-2 1/8"
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4'-6 3/8"
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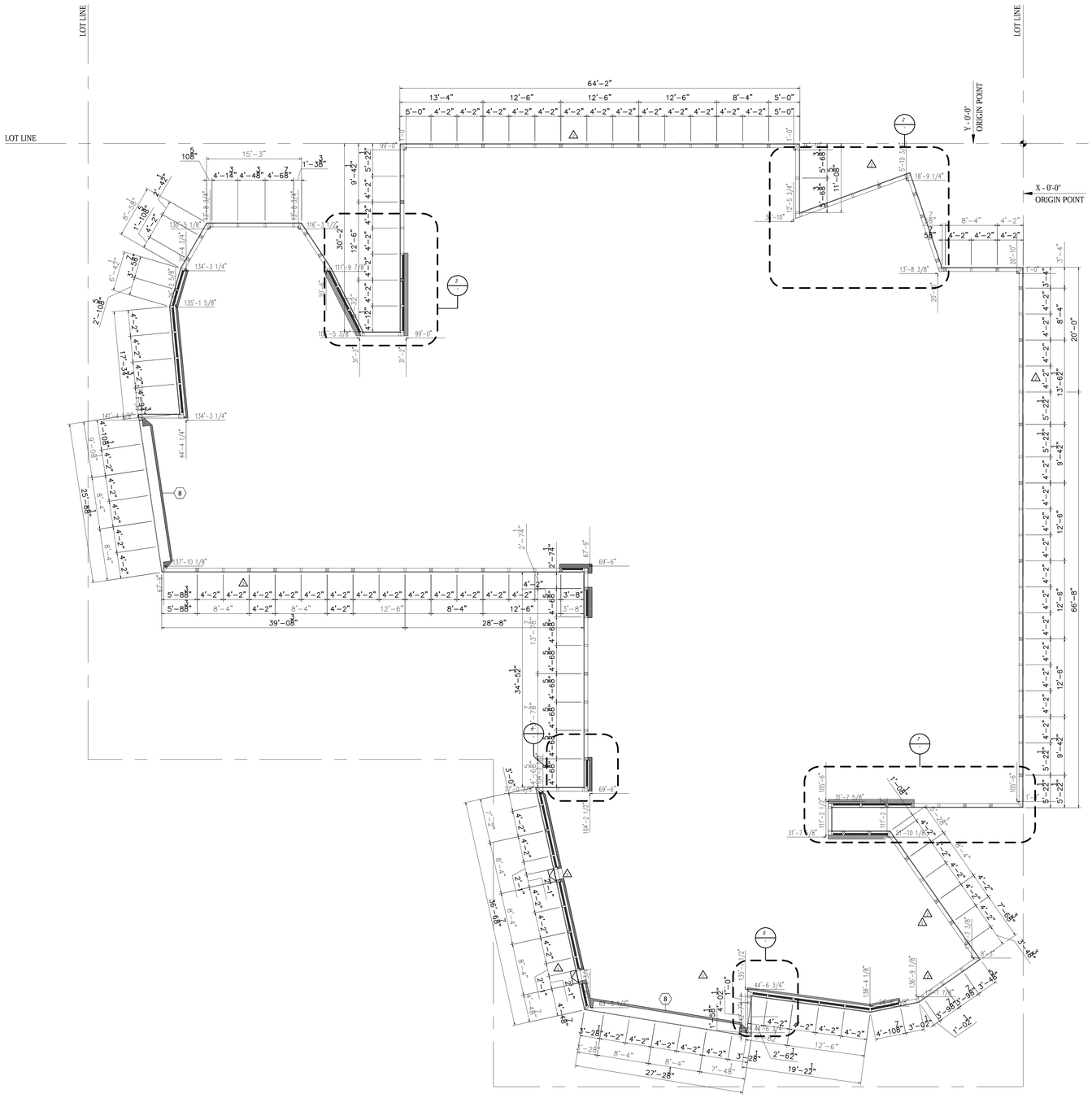
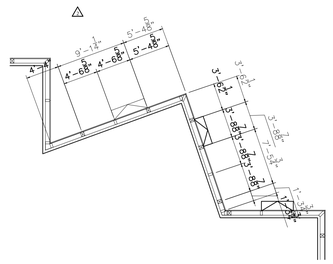
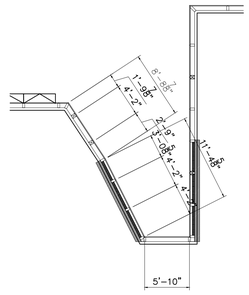


1 6TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



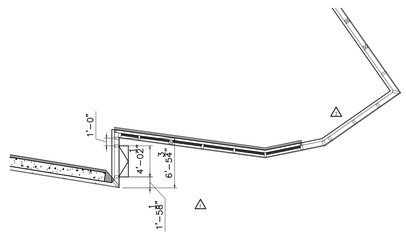
2 6TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 6TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
SCALE: 1/8" = 1'-0"

5 6TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



6 6TH FLOOR PERIMETER PLAN-DETAIL
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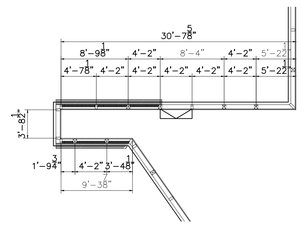

7 6TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

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3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 ON SHT A522)EXCEPT AS OTHERWISE NOTED

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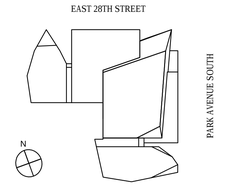
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
6TH FLOOR PERIMETER PLAN

DRAWING NO:
A-256.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
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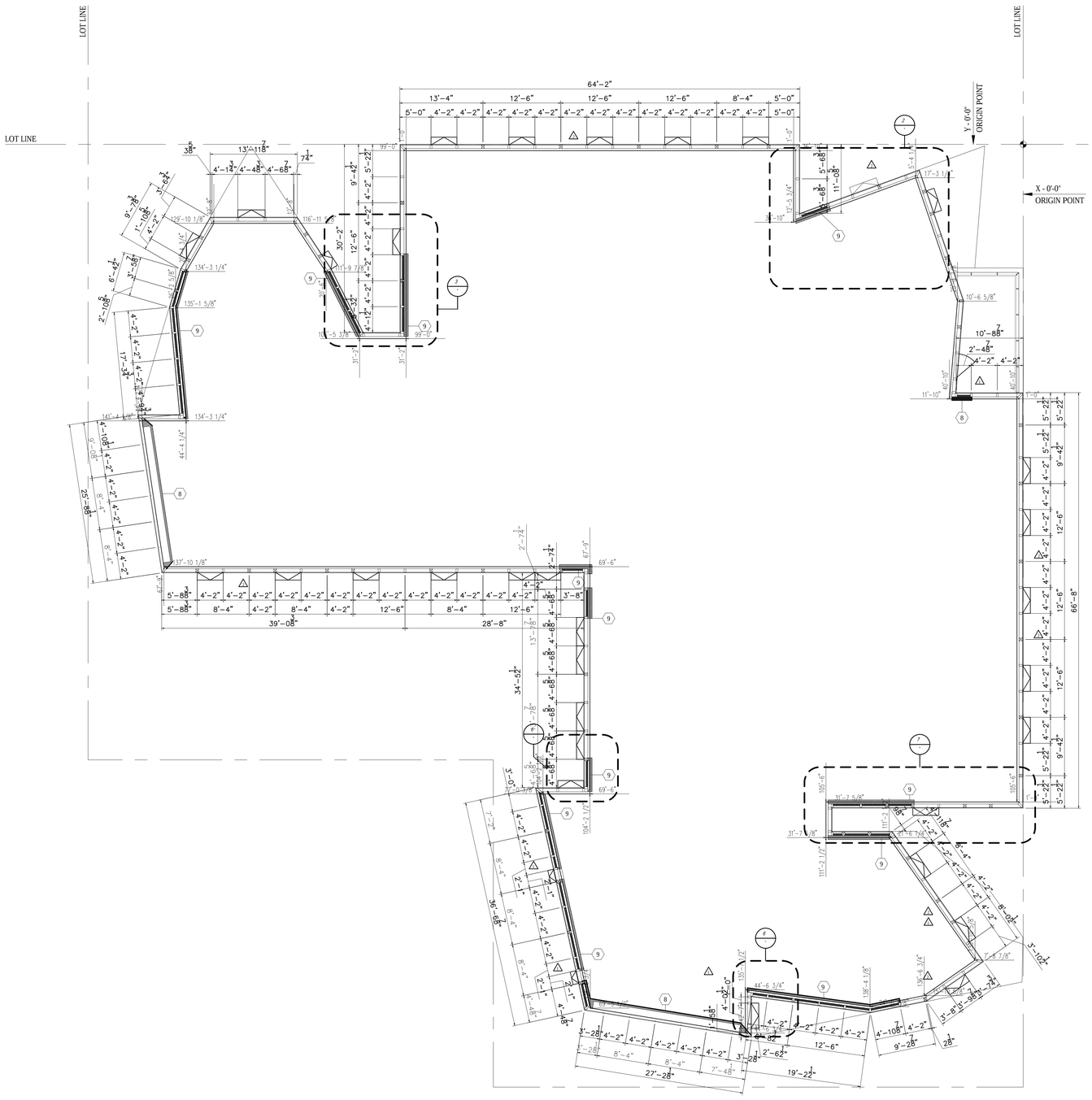
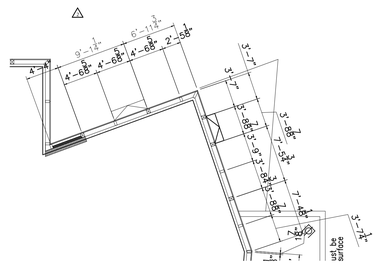
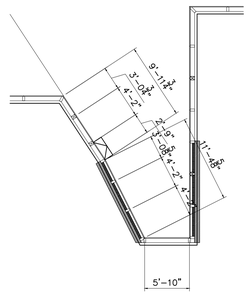


1 7TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

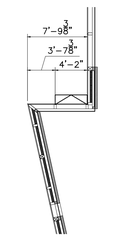


2 7TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 7TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
SCALE: 1/8" = 1'-0"



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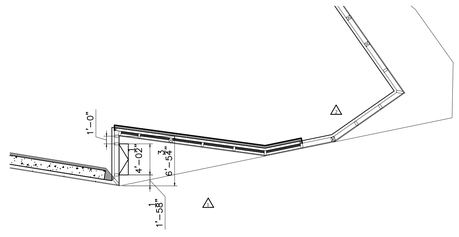
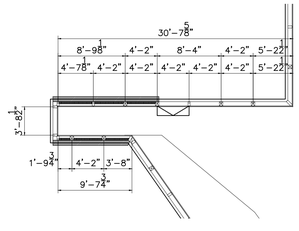


6 7TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



7 7TH FLOOR PERIMETER PLAN-DETAIL
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1	02.17.12	DESIGN DEVELOPMENT
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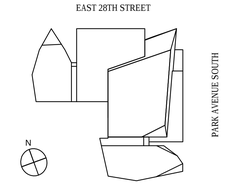
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
7TH FLOOR PERIMETER PLAN

DRAWING NO:
A-257.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
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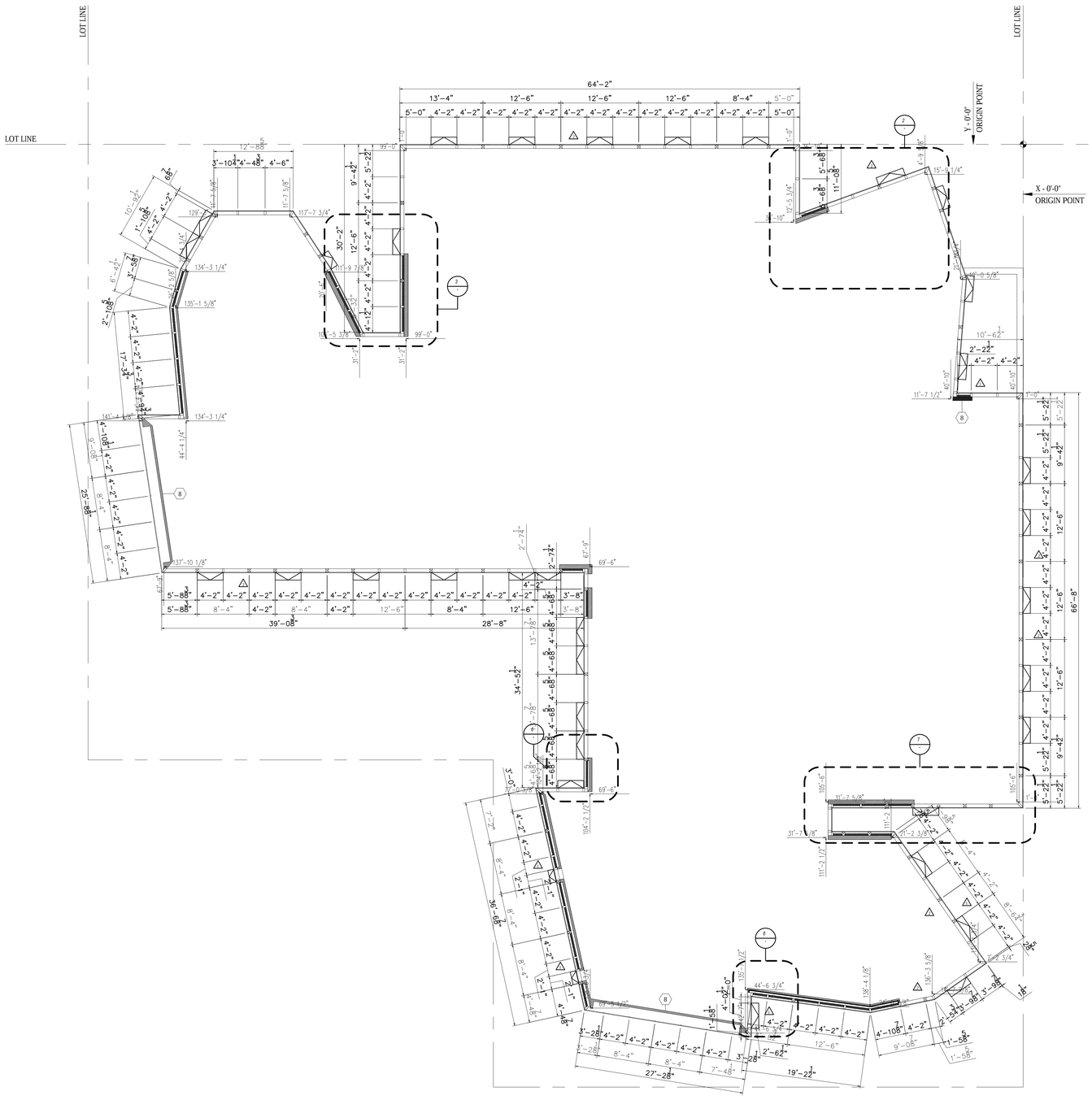
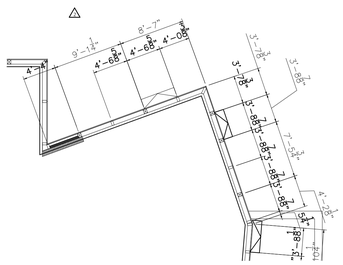


1 8TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



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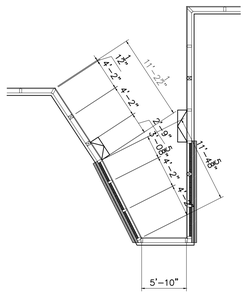
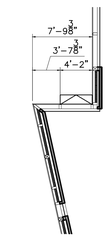


3 8TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
SCALE: 1/8" = 1'-0"



5 8TH FLOOR PERIMETER PLAN-DETAIL
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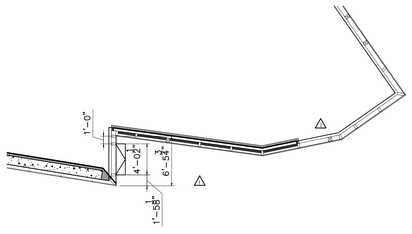

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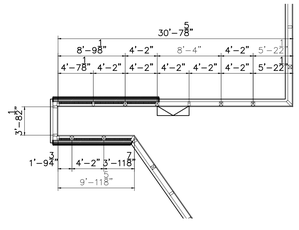

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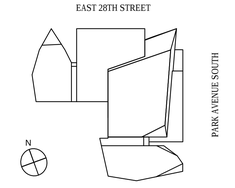
△	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
8TH FLOOR PERIMETER PLAN

DRAWING NO:
A-258.00

NYC DOB NO: 121181808

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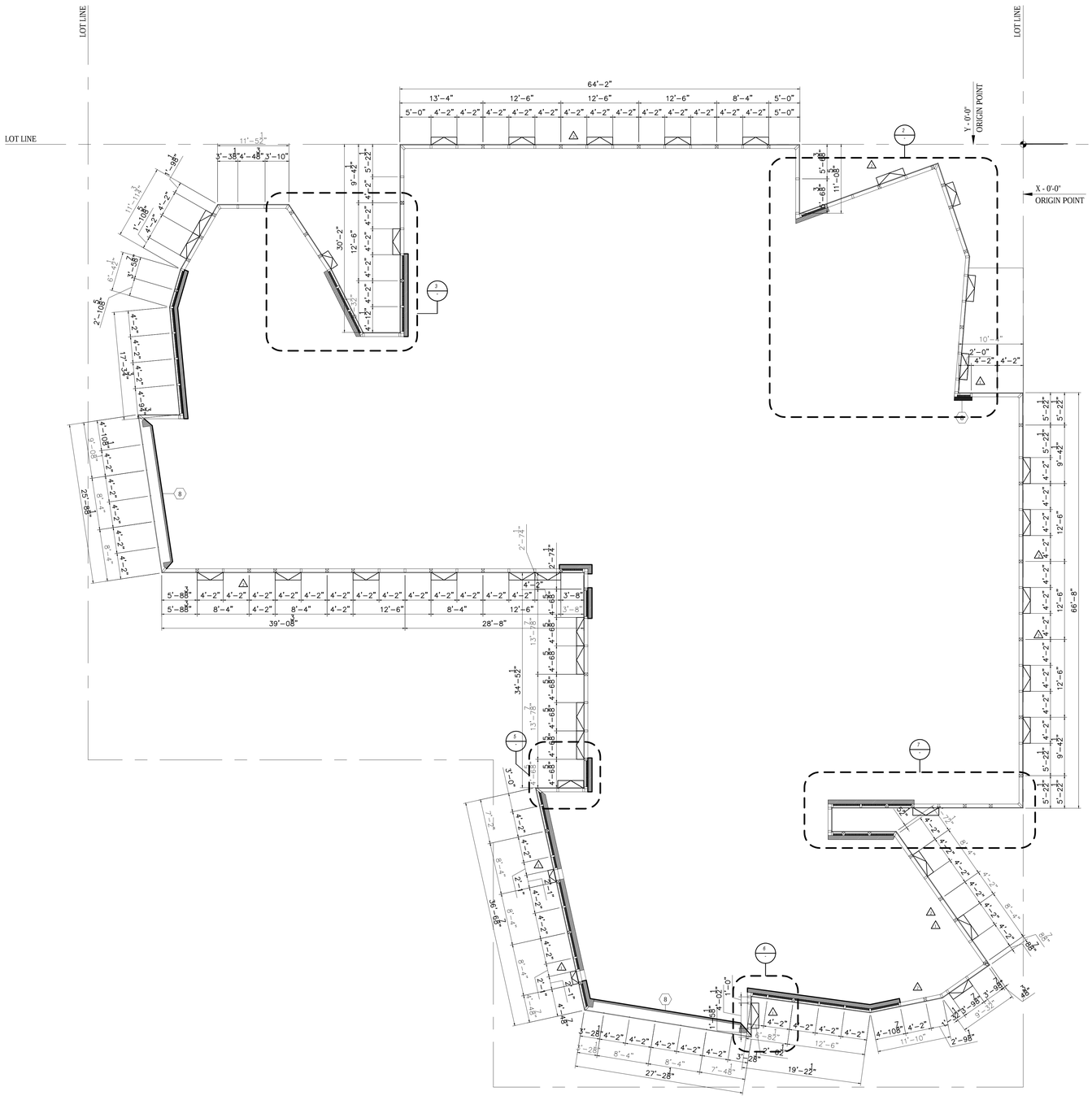
DEPT OF BLDGS121181808 Job Number
ES2099235010 Scan Code



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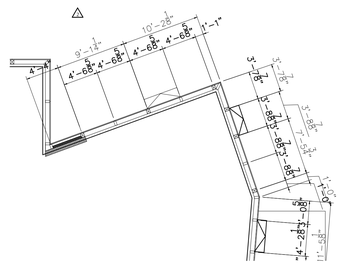

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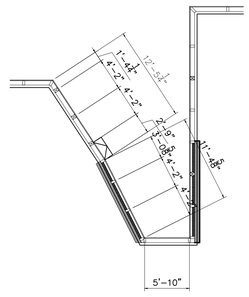
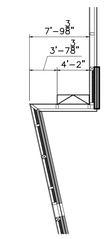
SCALE: 1/8" = 1'-0"



3 9TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
SCALE: 1/8" = 1'-0"



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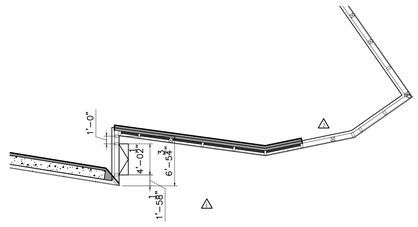
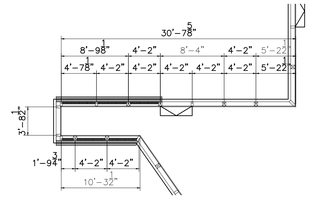
SCALE: 1/8" = 1'-0"



6 9TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



7 9TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 ON SHT A522)EXCEPT AS OTHERWISE NOTED

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NO.	DATE	ISSUANCE
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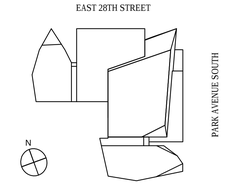
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
△	07.10.12	ASI 007
△	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
9TH FLOOR PERIMETER PLAN

DRAWING NO:
A-259.00

NYC DOB NO: 121181808

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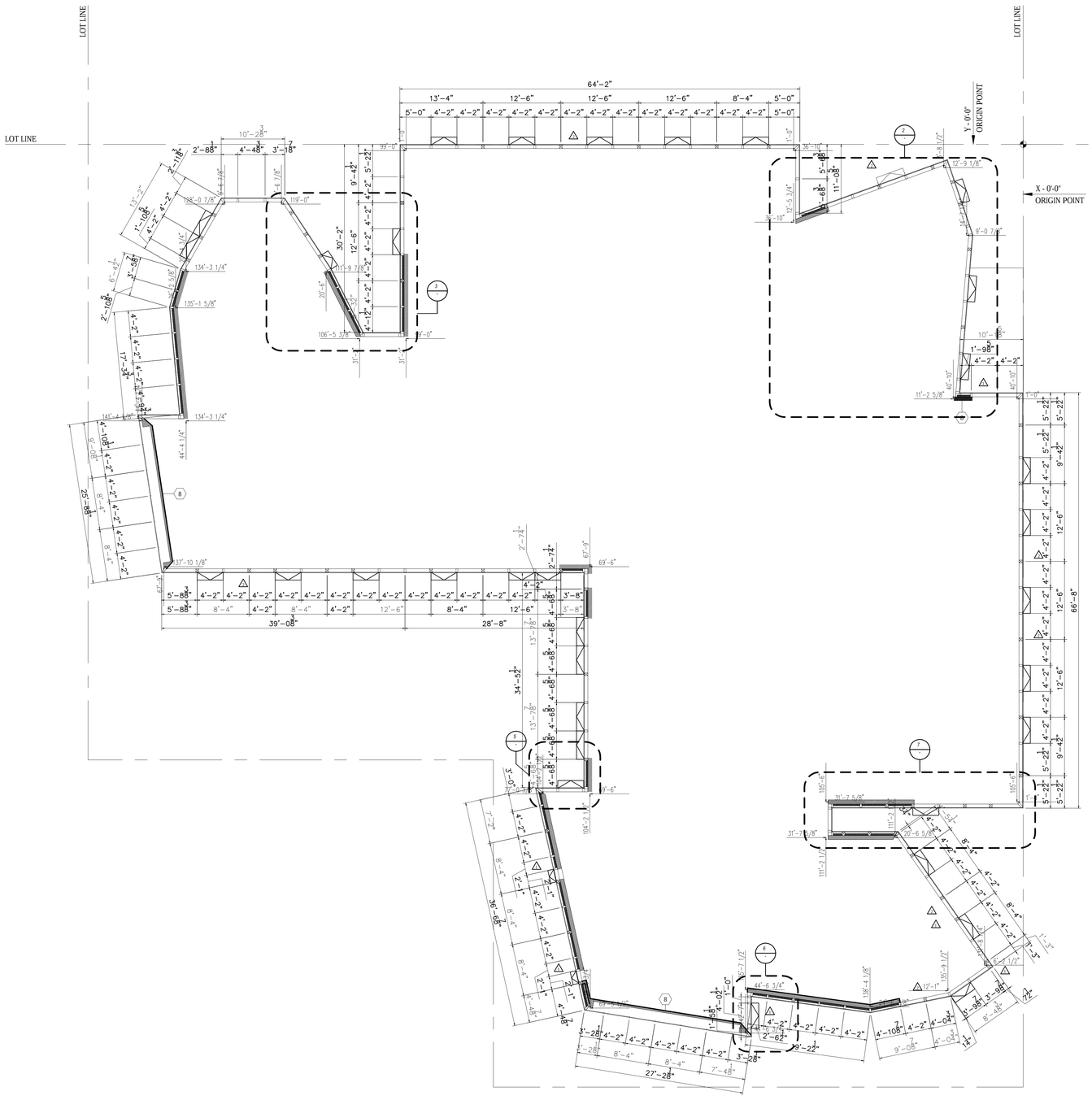
ES1226236107 Scan Code



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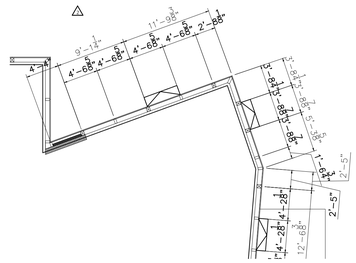
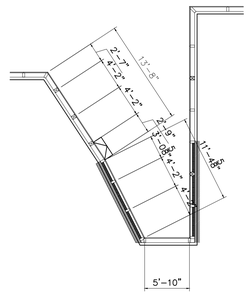


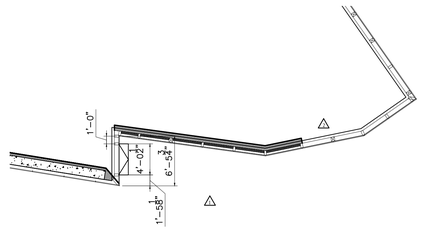
2 10TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 10TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
SCALE: 1/8" = 1'-0"

5 10TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



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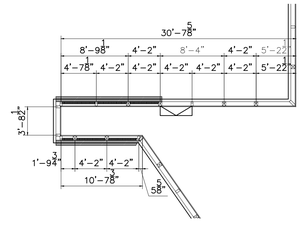

7 10TH FLOOR PERIMETER PLAN-DETAIL
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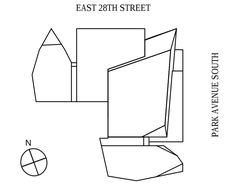
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
10TH FLOOR PERIMETER PLAN

DRAWING NO:
A-260.00

NYC DOB NO: 121181808

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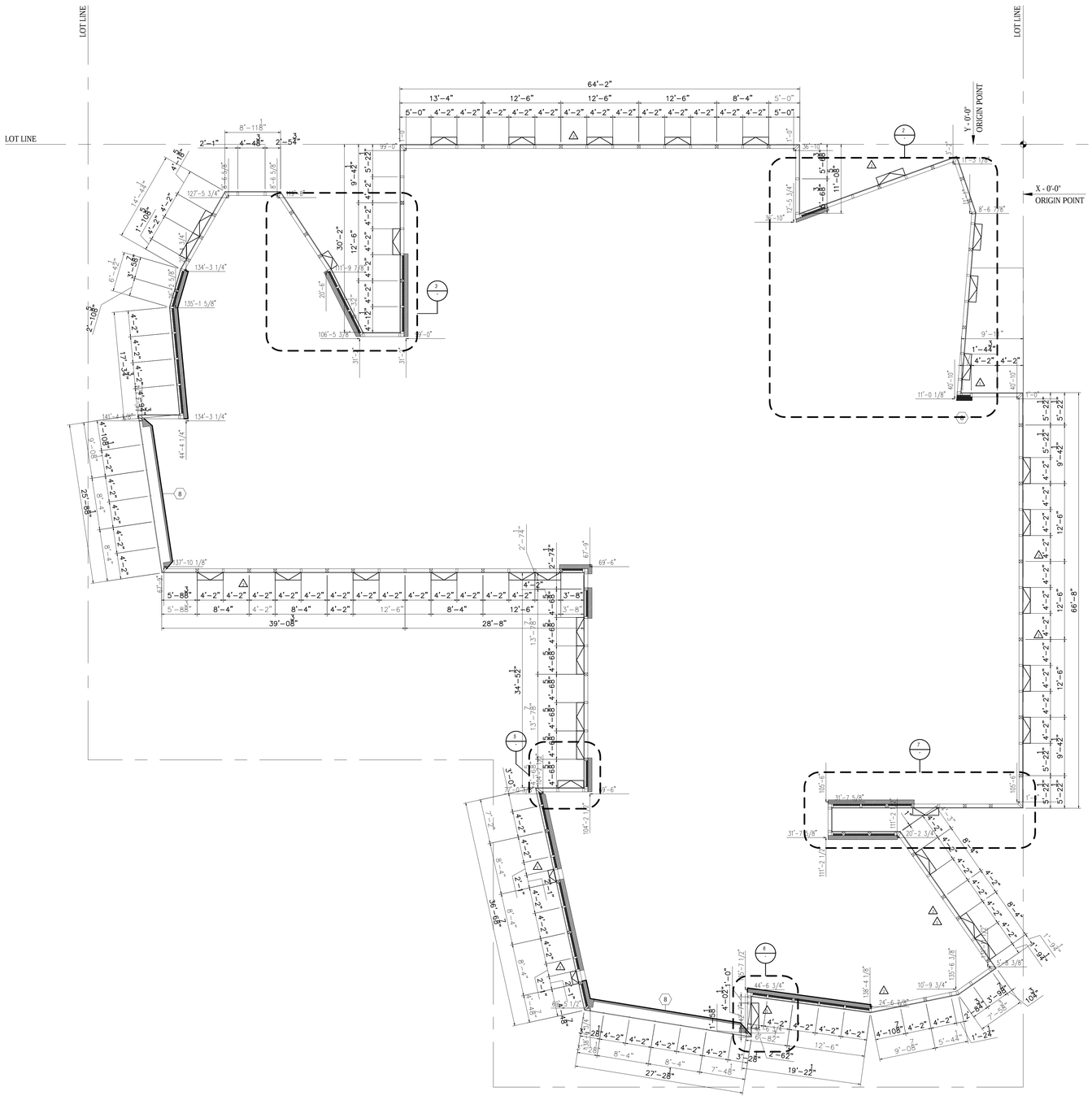
DEPT OF BLDGS121181808 Job Number
ES3311962633 Scan Code



1 11TH FLOOR PERIMETER PLAN
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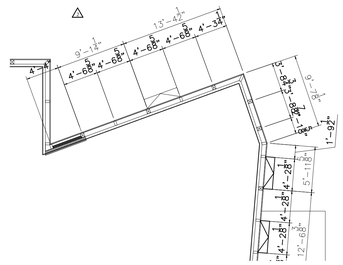
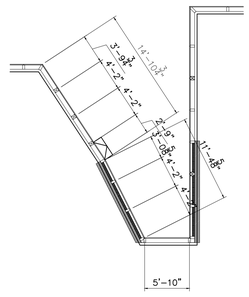


2 11TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 11TH FLOOR PERIMETER PLAN-DETAIL
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4 NOT USED
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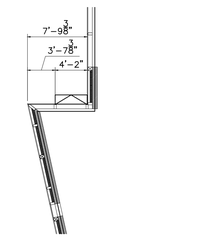

5 11TH FLOOR PERIMETER PLAN-DETAIL
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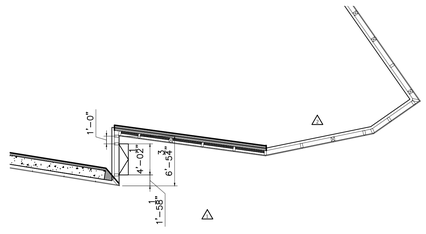

6 11TH FLOOR PERIMETER PLAN-DETAIL
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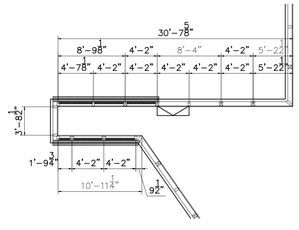

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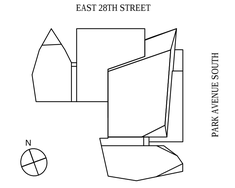
KEY PLAN



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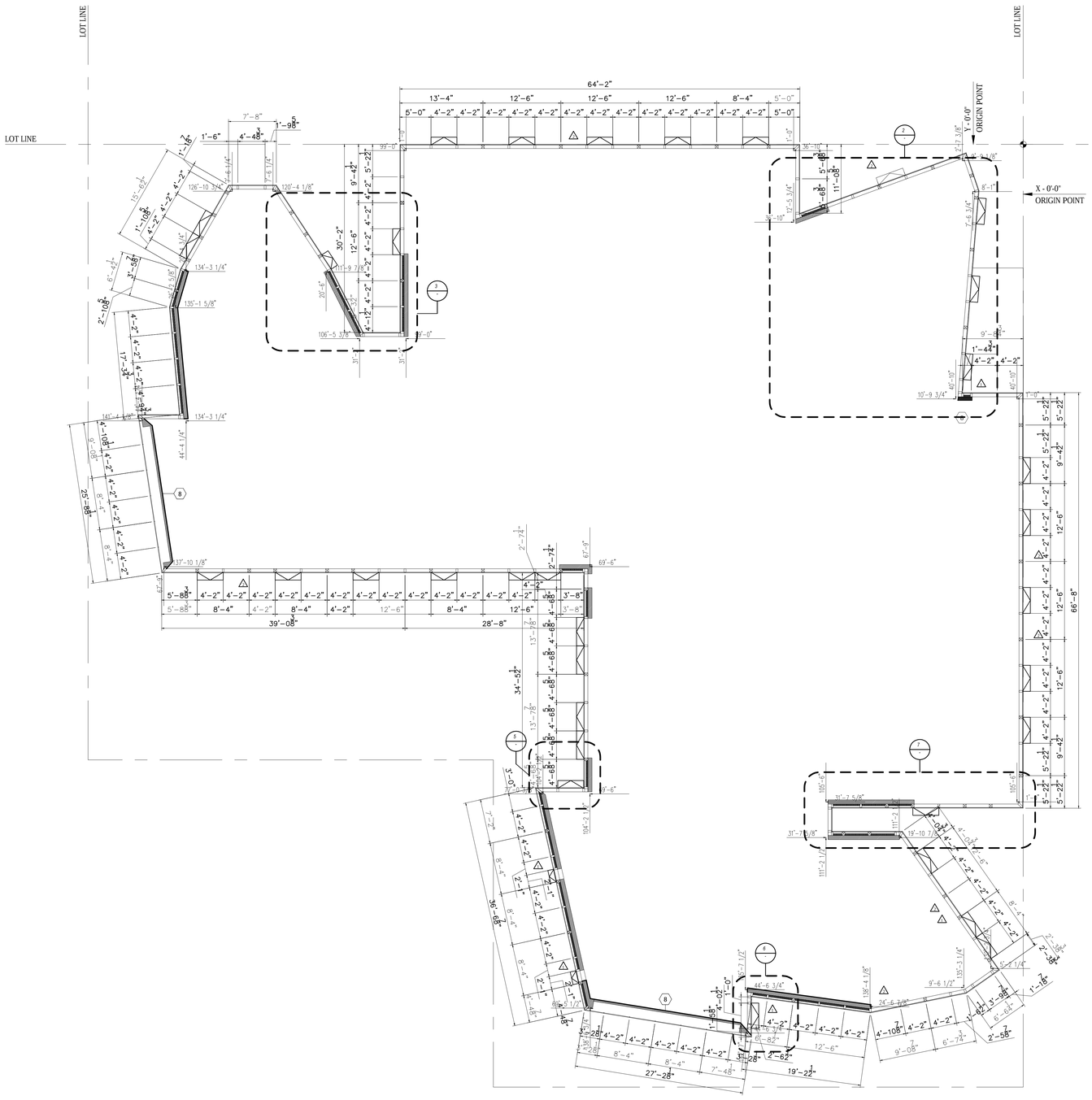
DEPT OF BLDGS 121181808 Job Number
ES6949305326 Scan Code


LOT LINE
LOT LINE
X - 0'-0"
ORIGIN POINT
Y - 0'-0"
ORIGIN POINT
64'-2"
13'-4"
12'-6"
12'-6"
12'-6"
8'-4"
5'-0"
99'-0"
39'-0"
106'-5 3/8"
134'-3 1/4"
135'-1 5/8"
141'-4"
134'-3 1/4"
44'-4 1/4"
37'-10 1/8"
39'-08"
28'-8"
27'-28"
19'-22"
66'-8"
69'-6"
36'-6 3/4"
34'-5 1/2"
104'-2 1/4"
31'-7 5/8"
111'-2 1/2"
44'-6 3/4"
24'-6 1/4"
9'-6 1/2"
30'-2"
12'-6"
20'-6"
11'-9 7/8"
120'-4 1/8"
126'-10 3/4"
125'-6 1/2"
7'-8"
1'-6"
4'-4 3/8"
1'-9 5/8"
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1'-10 5/8"
4'-2"
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1'-6"
4'-4 3/8"
7'-8"
1'-9 5/8"
3'-6 5/8"
2'-10 5/8"
6'-4 1/2"
17'-3 1/4"
25'-8 5/8"
9'-0 5/8"
8'-4"
1'-6"
1'-9 5/8"
4

DEPT OF BLDGS121181808 Job Number
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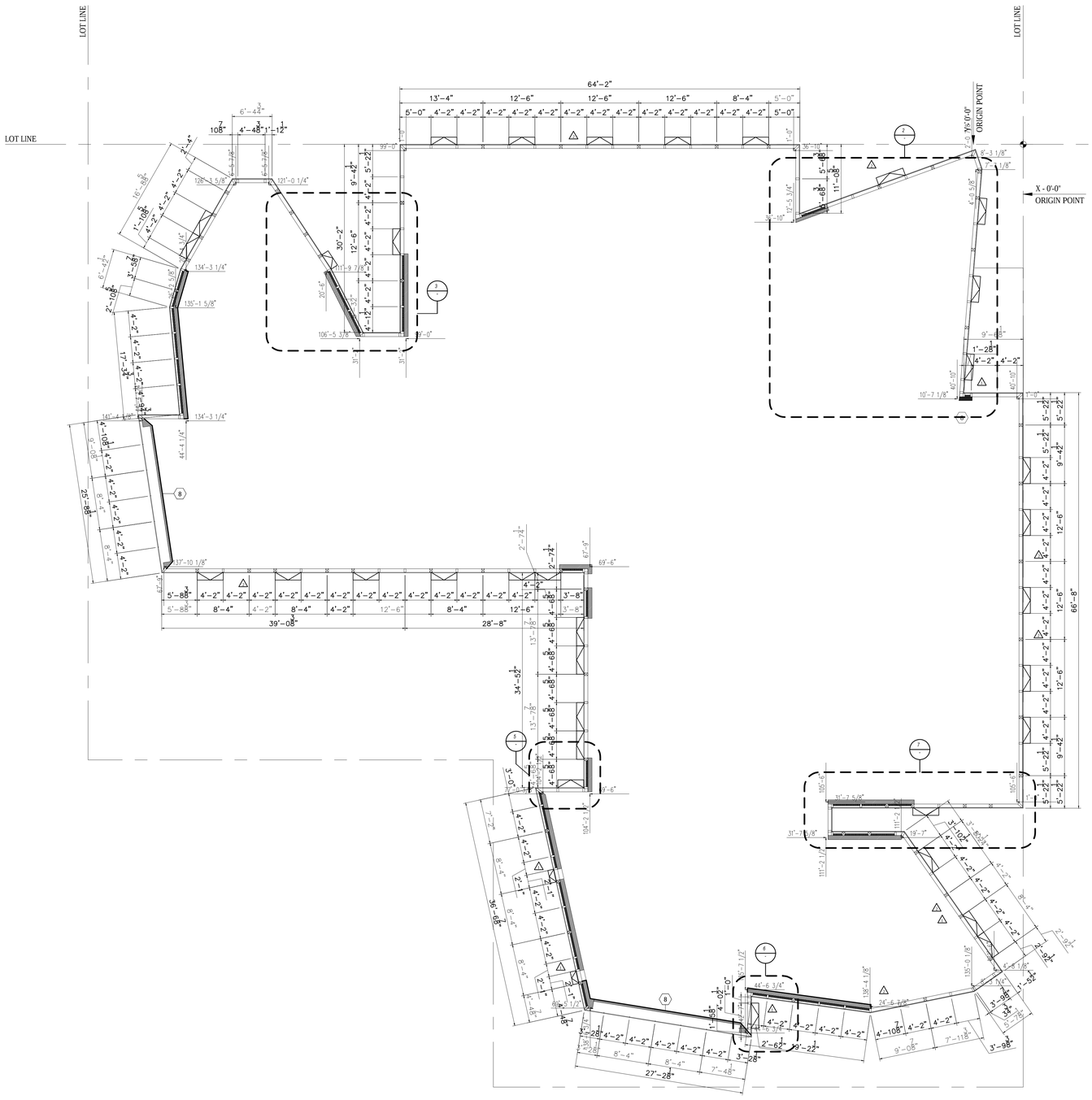
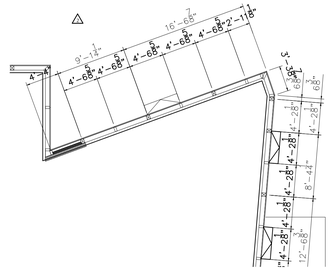
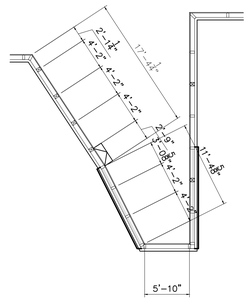


1 13TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

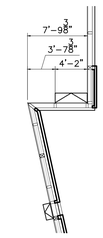


2 13TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 13TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
SCALE: 1/8" = 1'-0"



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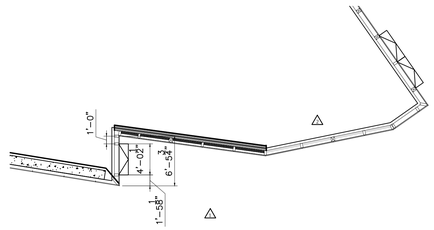
SCALE: 1/8" = 1'-0"



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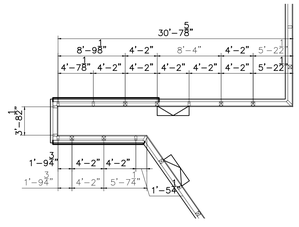
SCALE: 1/8" = 1'-0"



7 13TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 ON SHT A522)EXCEPT AS OTHERWISE NOTED

Damian Titus
NYC Buildings
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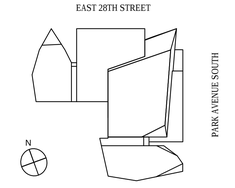
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
13TH FLOOR PERIMETER PLAN

DRAWING NO:
A-263.00

NYC DOB NO: 121181808

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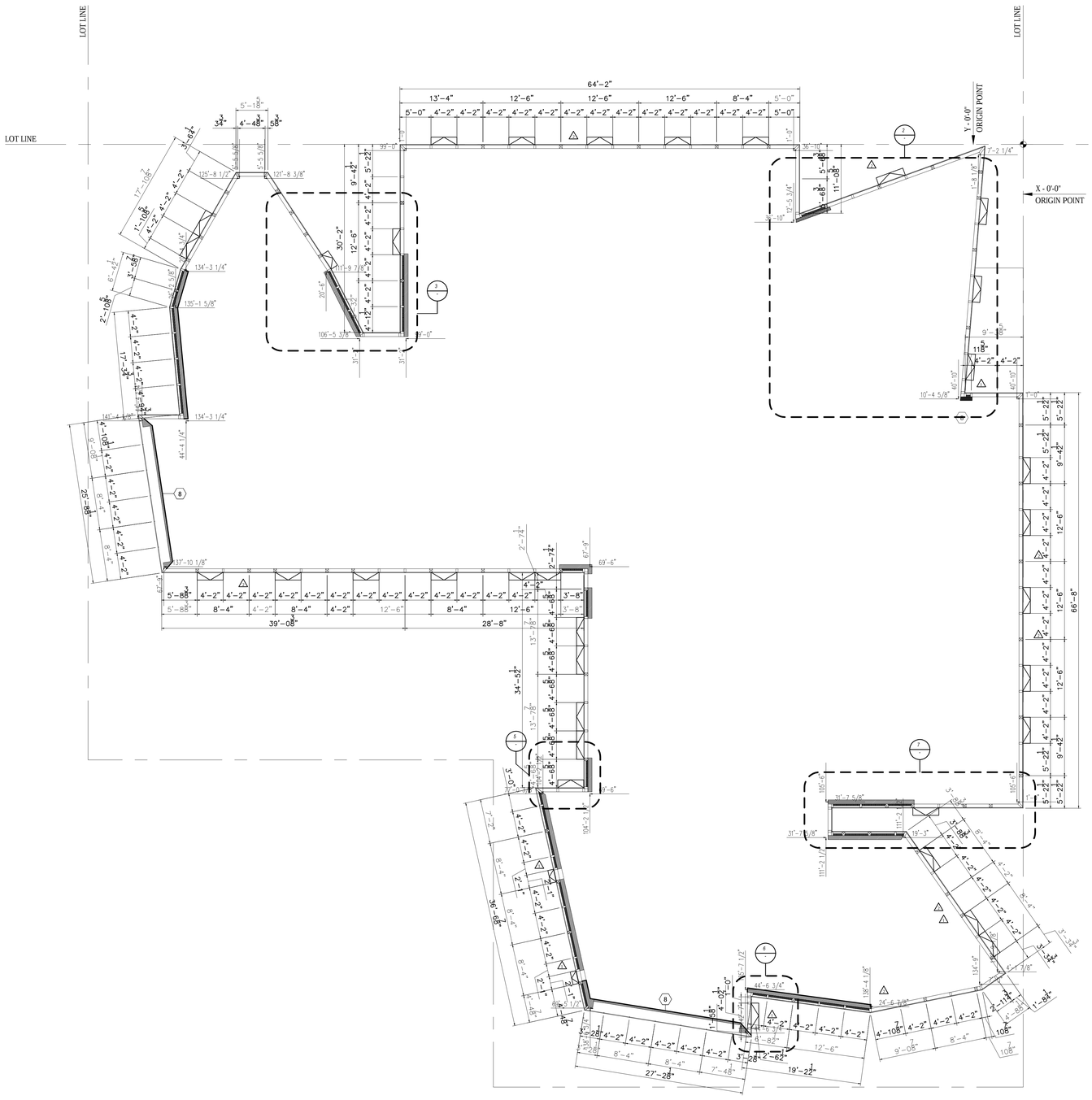
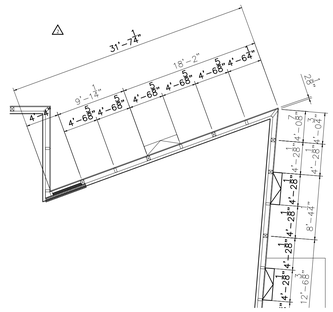
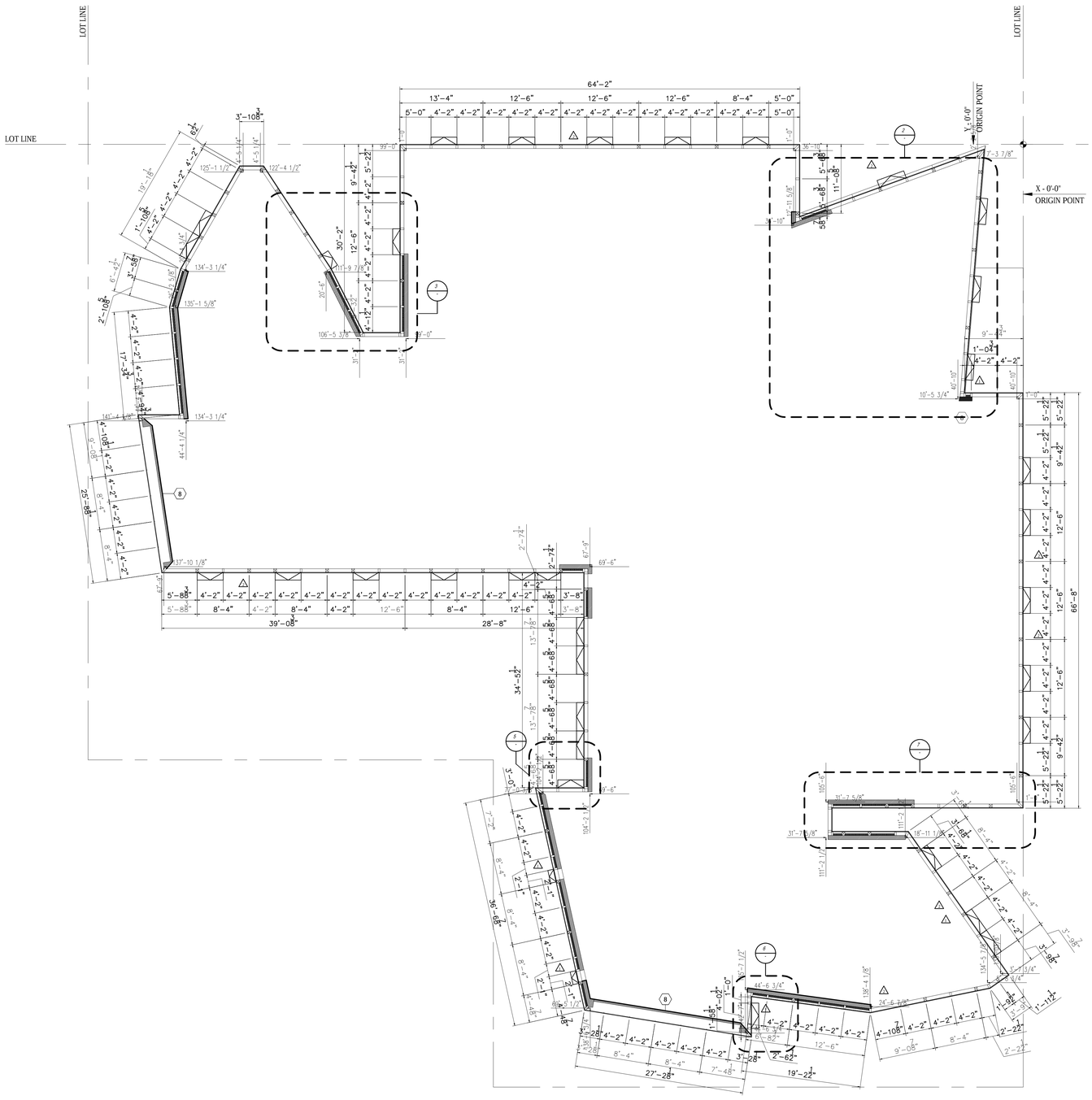
DEPT OF BLDGS121181808 Job Number
ES5224318690 Scan Code



1 14TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"


31'-7 1/4"
16'-2"
9'-1 1/4"
4'-6 5/8"
4'-6 5/8"
4'-6 5/8

DEPT OF BLDGS121181808 Job Number
ES2365568215 Scan Code



1 15TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

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3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
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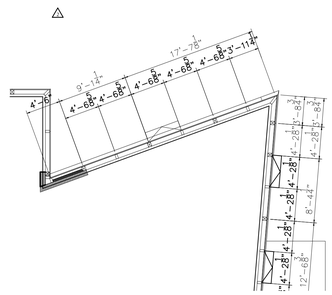
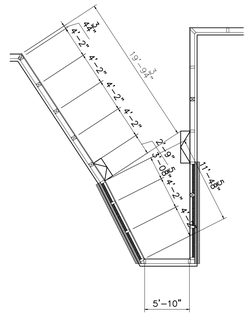
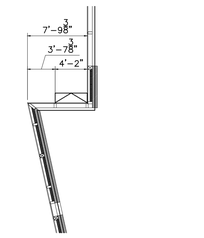


2 15TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 15TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
SCALE: 1/8" = 1'-0"



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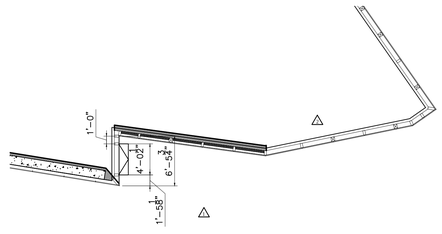
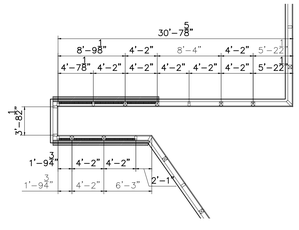
SCALE: 1/8" = 1'-0"



6 15TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



7 15TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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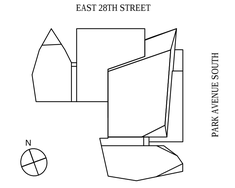
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
15TH FLOOR PERIMETER PLAN

DRAWING NO:
A-265.00

NYC DOB NO: 121181808

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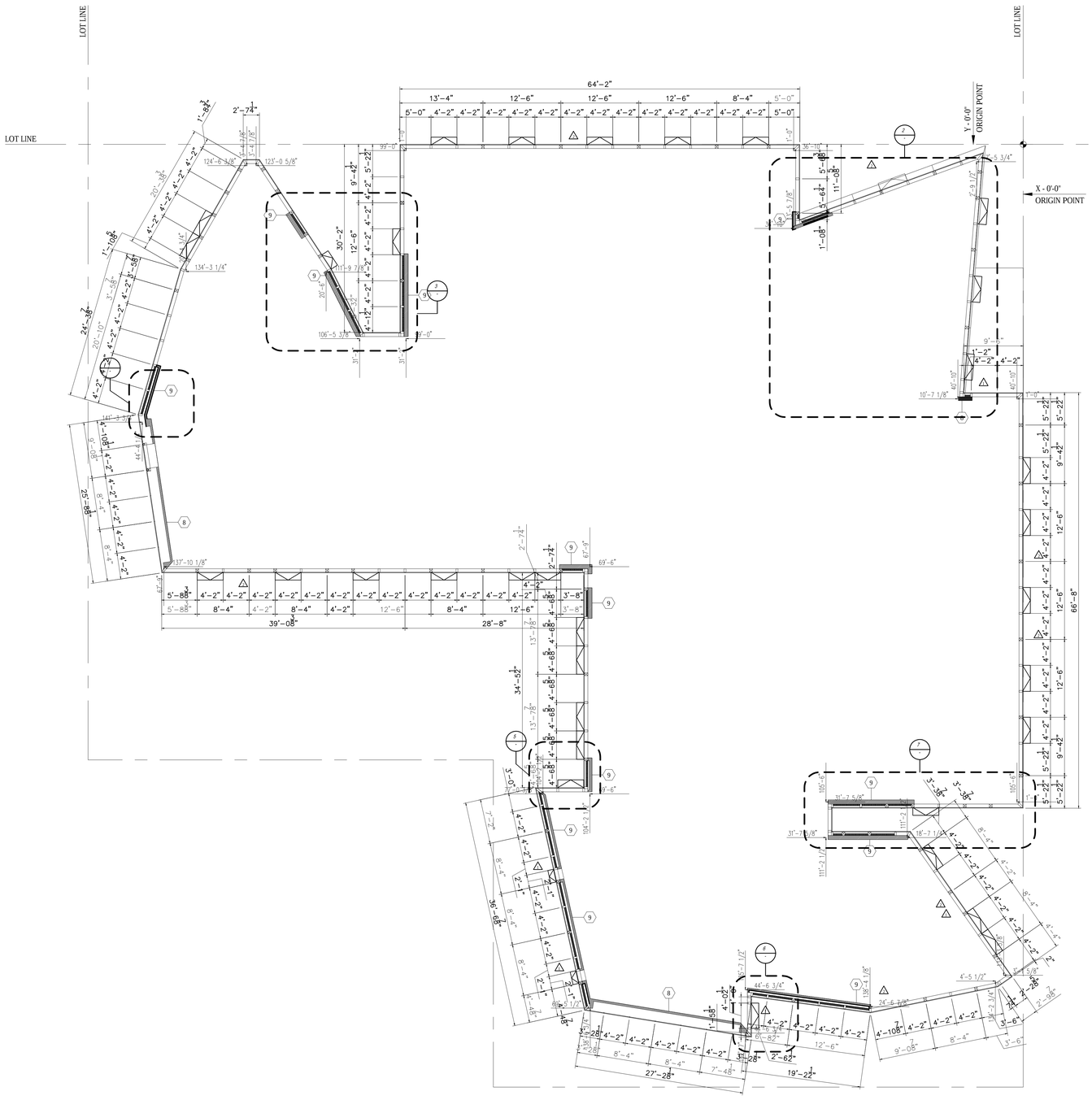
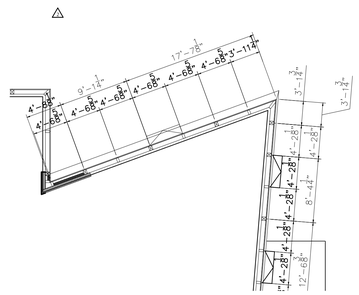
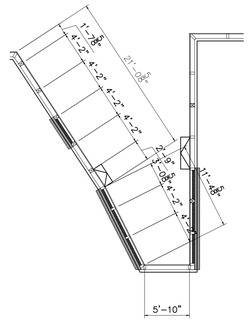
DEPT OF BLDGS121181808 Job Number
ES6048099052 Scan Code



1 16TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

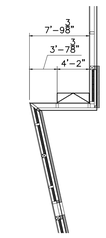


2 16TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

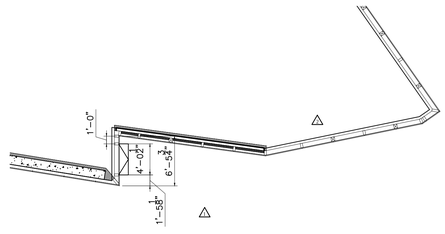


3 16TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

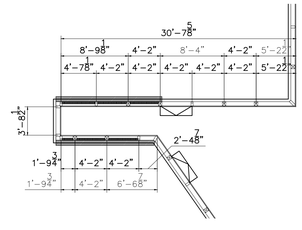
4 16TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



5 16TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



6 16TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



7 16TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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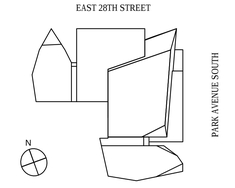
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
16TH FLOOR PERIMETER PLAN

DRAWING NO:
A-266.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
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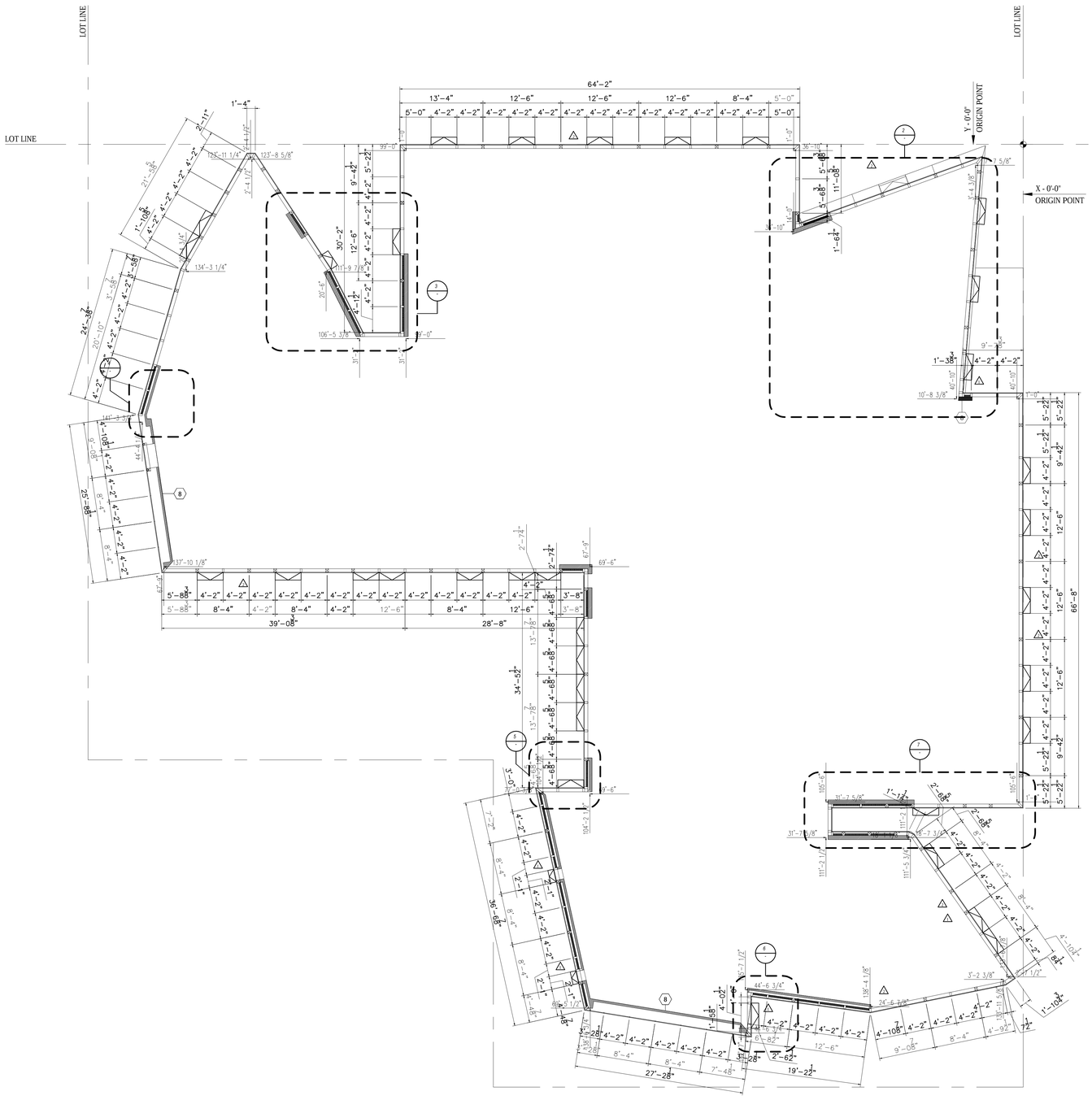

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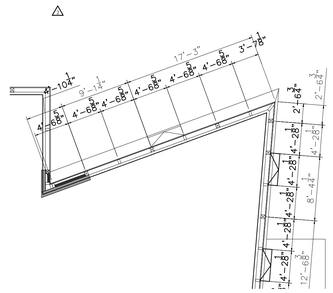

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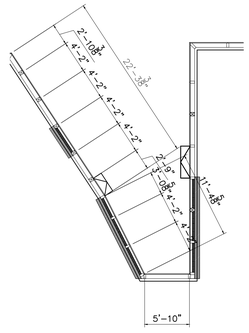

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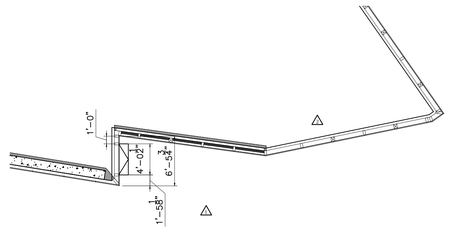

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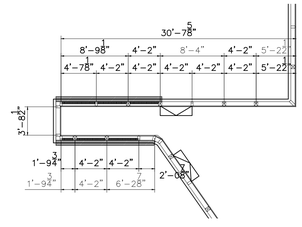
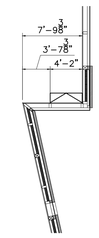
SCALE: 1/8" = 1'-0"



7 17TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 17TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



5 17TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 ON SHT A522)EXCEPT AS OTHERWISE NOTED

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NYC Buildings
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Under Directive 2 of 1975
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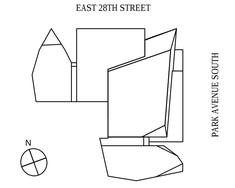
△	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.S. MIDDLETON 010933-1 STATE OF NEW YORK

DRAWING TITLE:
17TH FLOOR PERIMETER PLAN

DRAWING NO:
A-267.00

NYC DOB NO: 121181808

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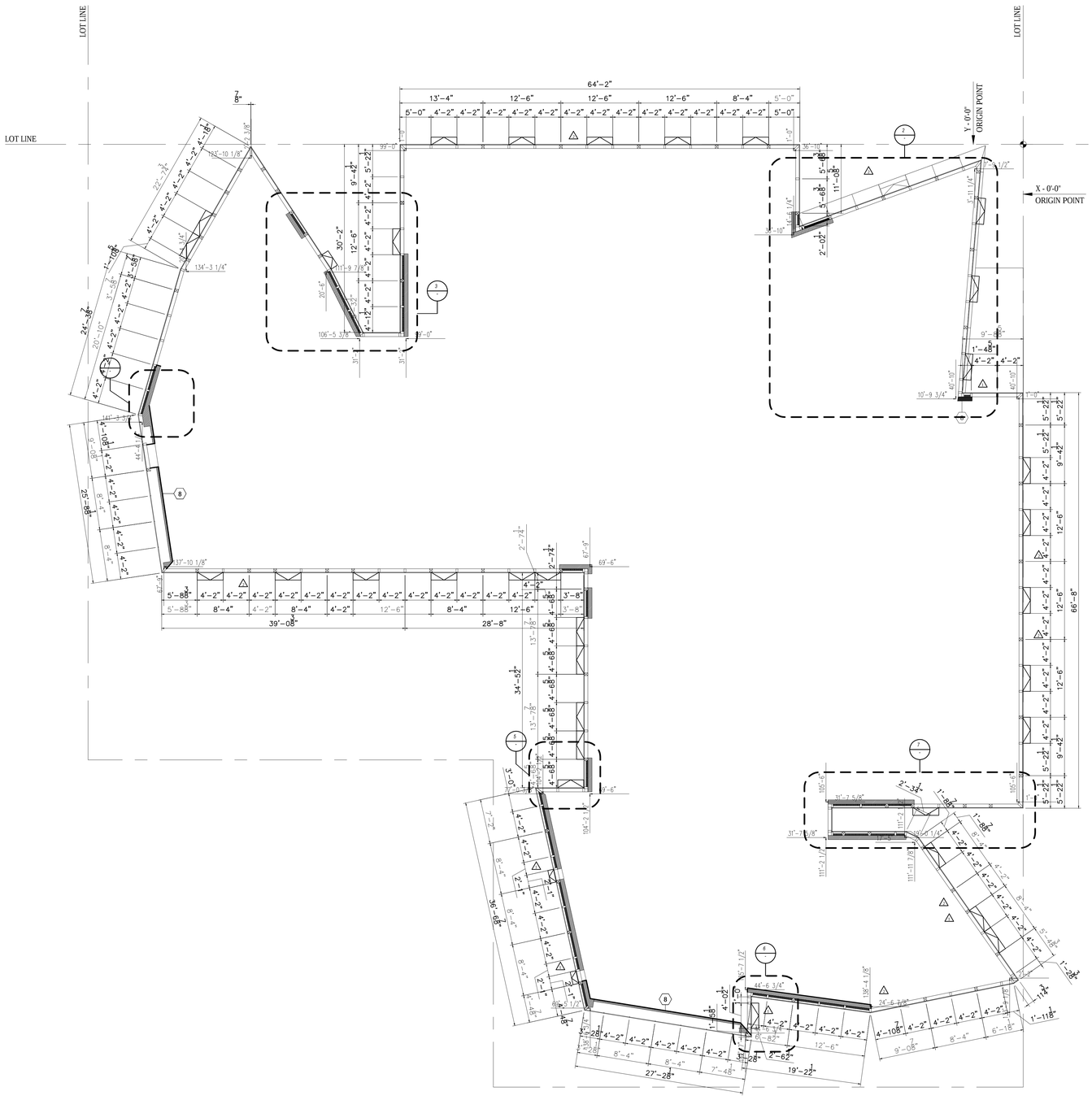
DEPT OF BLDGS121181808 Job Number
ES20080321B3 Scan Code



1 18TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
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3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
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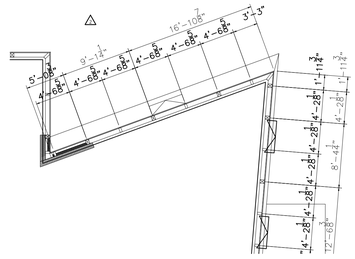
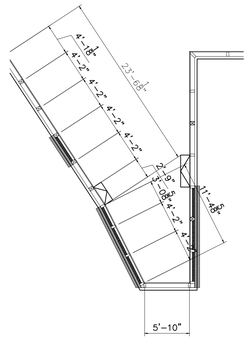


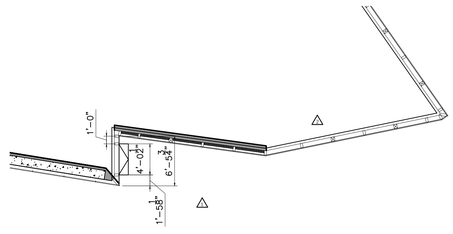
2 18TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 18TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 18TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

5 18TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



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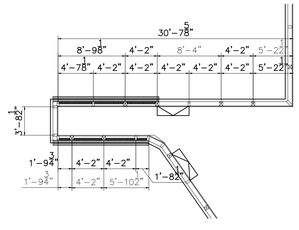
SCALE: 1/8" = 1'-0"



7 18TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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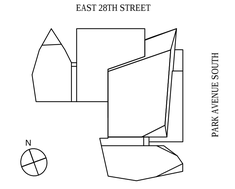
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.S. MIDDLETON 010933-1 STATE OF NEW YORK

DRAWING TITLE:
18TH FLOOR PERIMETER PLAN

DRAWING NO:
A-268.00

NYC DOB NO: 121181808

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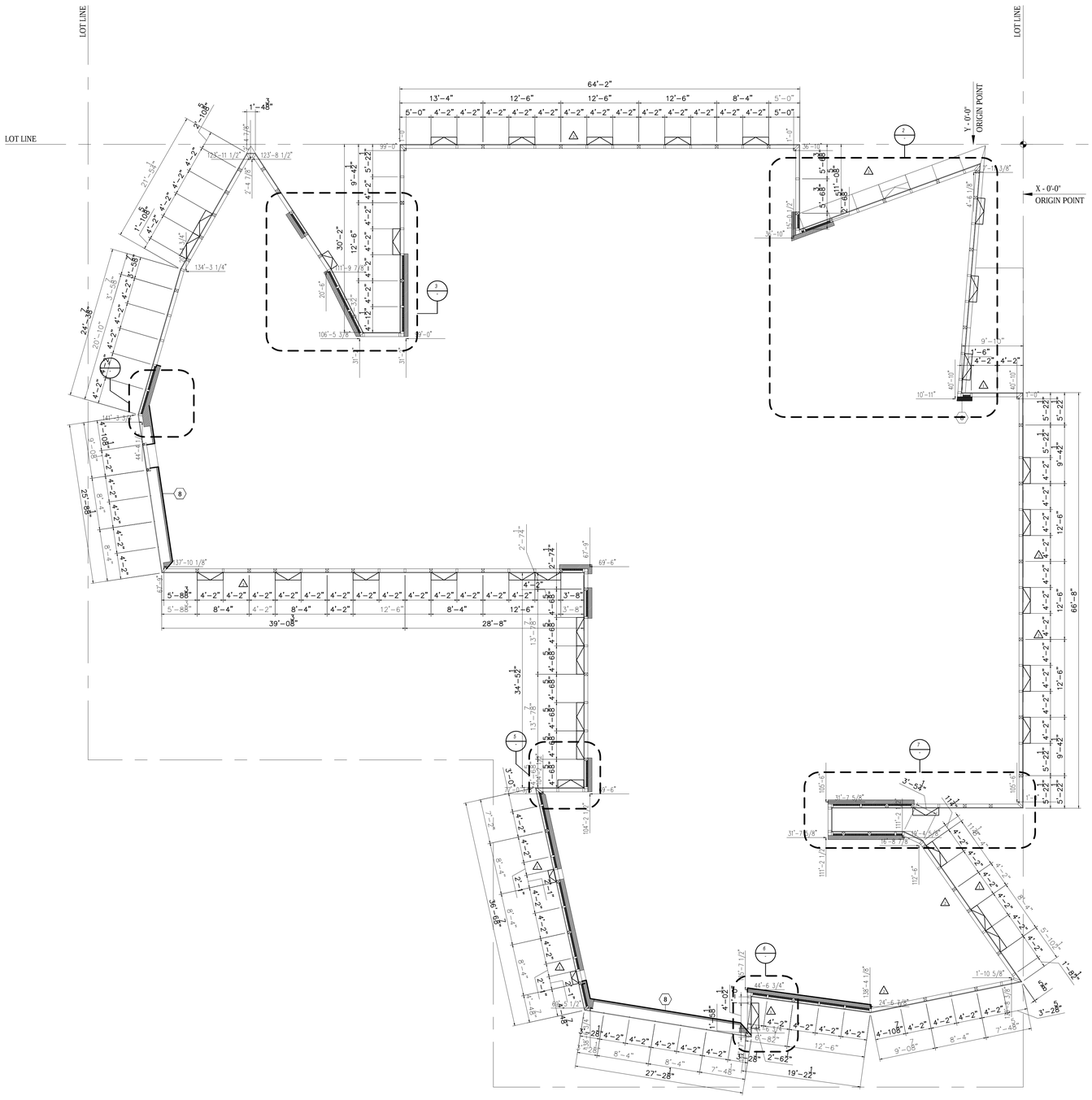
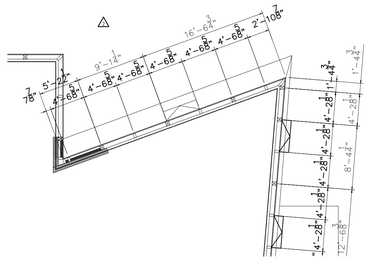
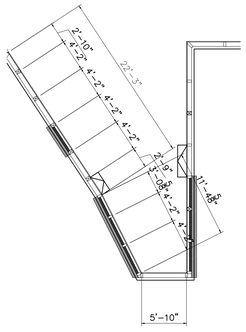
DEPT OF BLDGS121181808 Job Number
ES3096431764 Scan Code



1 19TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

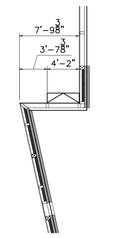


2 19TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 19TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 19TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



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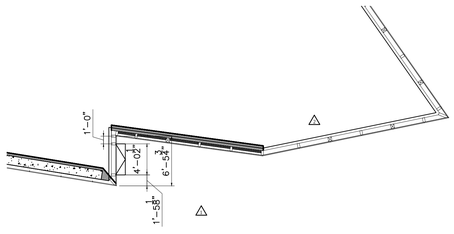

6 19TH FLOOR PERIMETER PLAN-DETAIL
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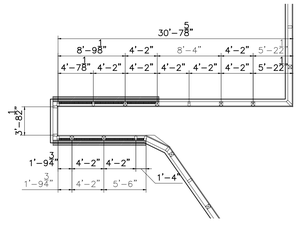

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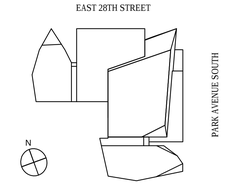
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
19TH FLOOR PERIMETER PLAN

DRAWING NO:
A-269.00

NYC DOB NO: 121181808

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:47 AM
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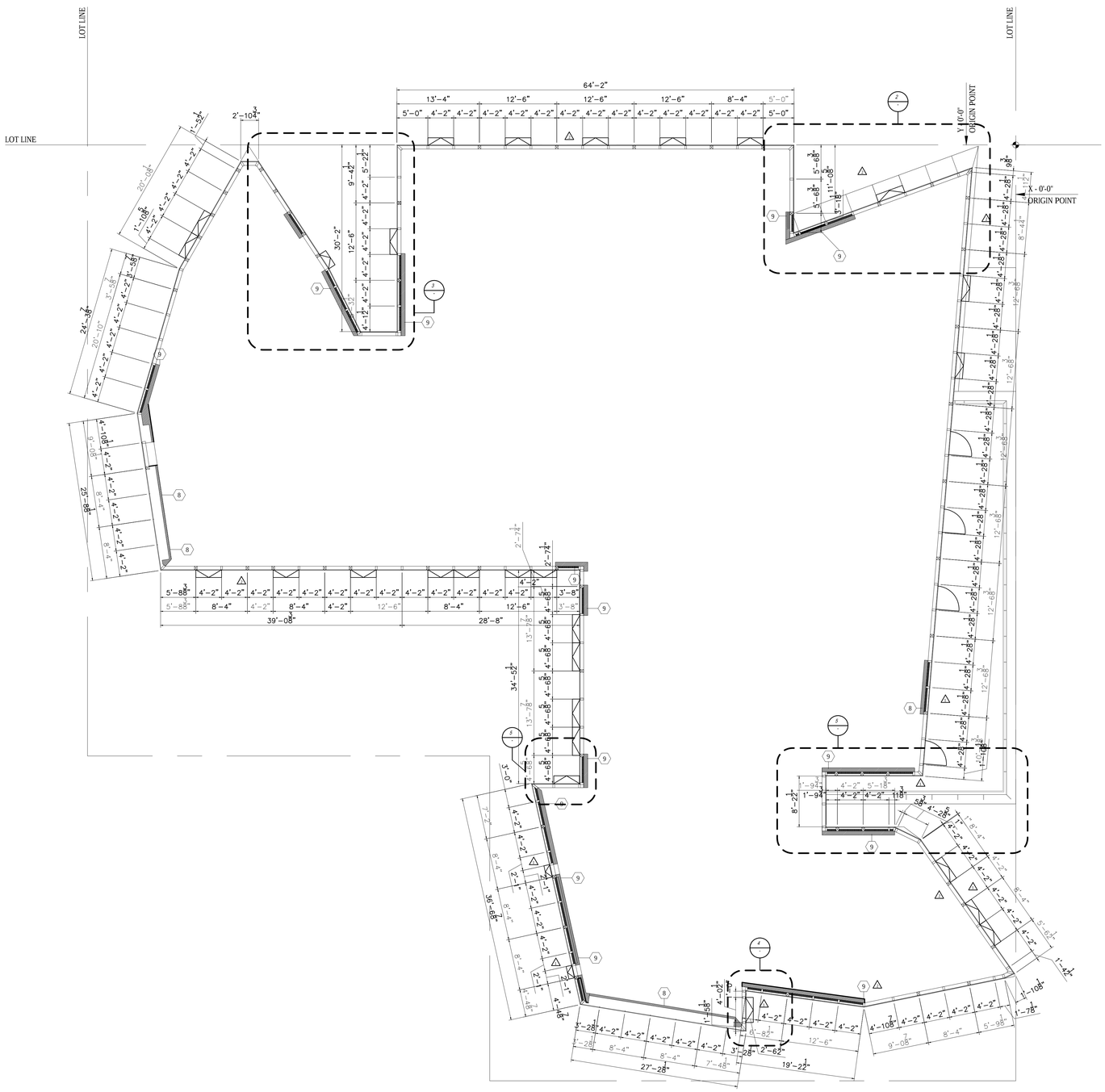
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LOT LINE
LOT LINE
64'-2"
13'-4"
12'-6"
12'-6"
12'-6"
8'-4"
5'-0"
Y 0'-0"
ORIGIN POINT
X - 0'-0"
ORIGIN POINT
2'-10 3/4"
1'-3 1/4"
20'-08"
1'-10 5/8"
24'-3"
3'-5 5/8"
20'-10"
4'-10 5/8"
9'-08"
25'-08"
8'-4"
30'-2"
9'-4 1/2"
12'-6"
5'-2 1/2"
4'-1 1/2"
5'-0"
4'-2"
39'-08"
28'-8"
2'-7 1/4"
3'-8"
4'-6 1/8"
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DEPT OF BLDGS121181808 Job Number
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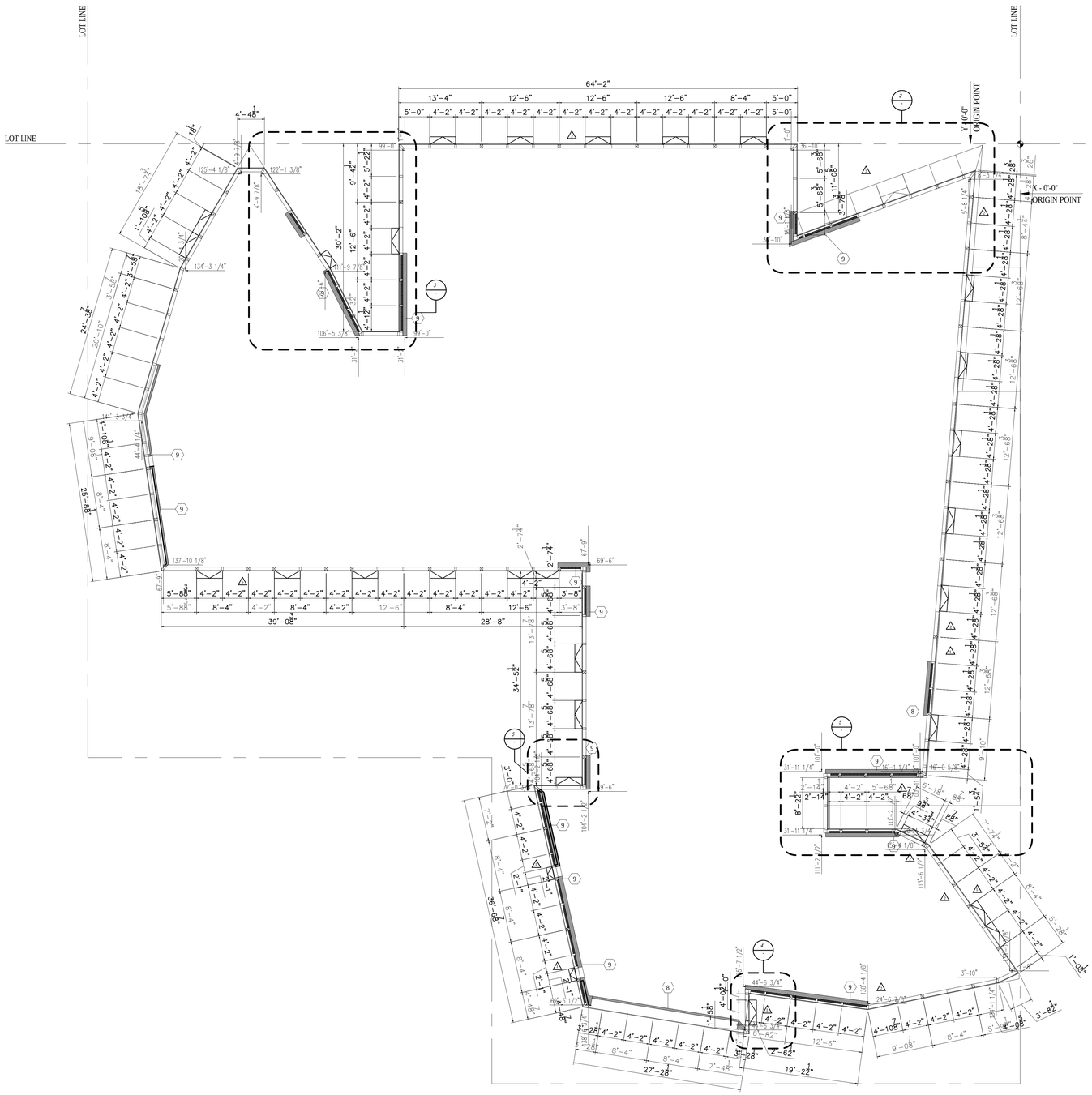
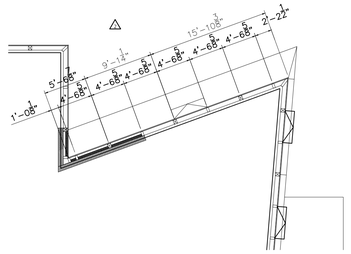


1 21ST FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



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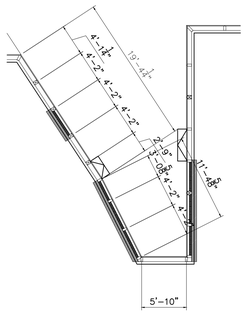
SCALE: 1/8" = 1'-0"



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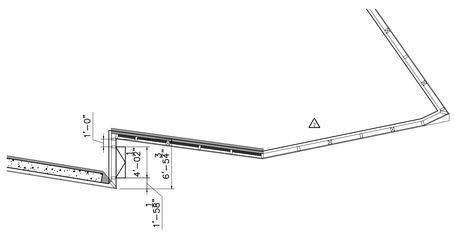
SCALE: 1/8" = 1'-0"



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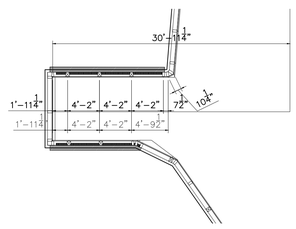
SCALE: 1/8" = 1'-0"



5 21ST FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

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   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
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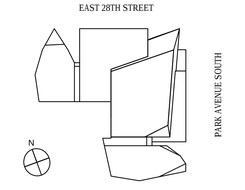
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
△	07.10.12	ASI 007
△	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
21ST FLOOR PERIMETER PLAN

DRAWING NO:
A-271.00

NYC DOB NO: 121181808

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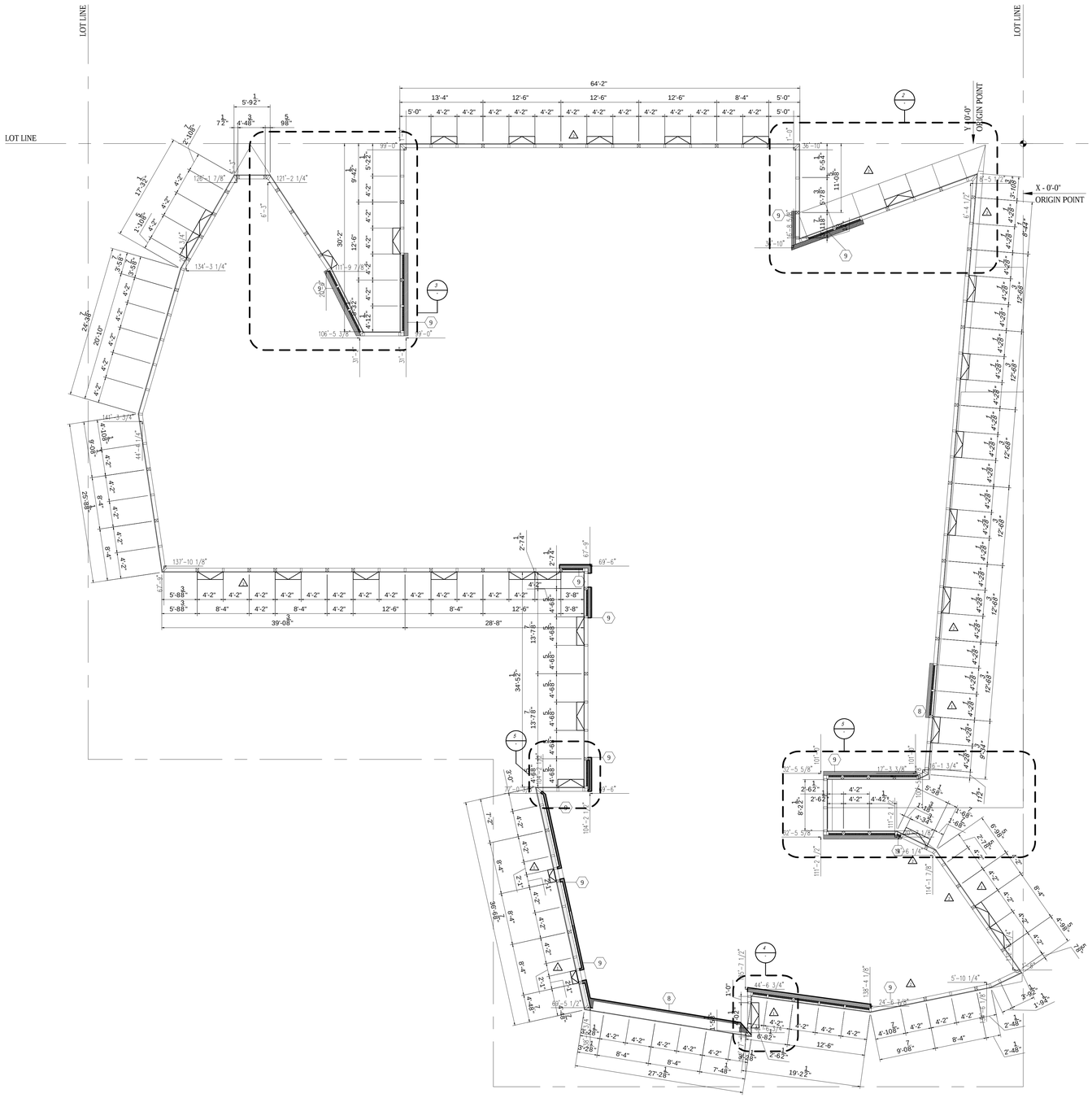

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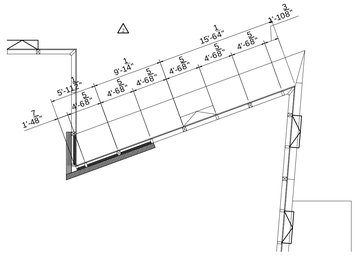
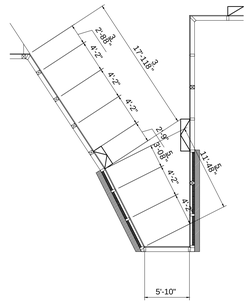


2 22ND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



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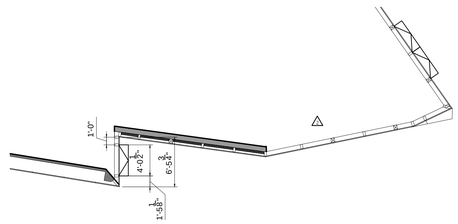

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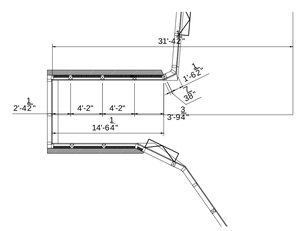

5 22ND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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⚠	07.10.12	ASI 007
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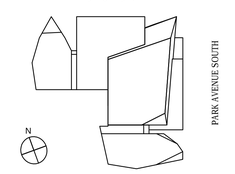
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
22ND FLOOR PERIMETER PLAN

DRAWING NO:
A-272.00

NYC DOB NO: 121181808

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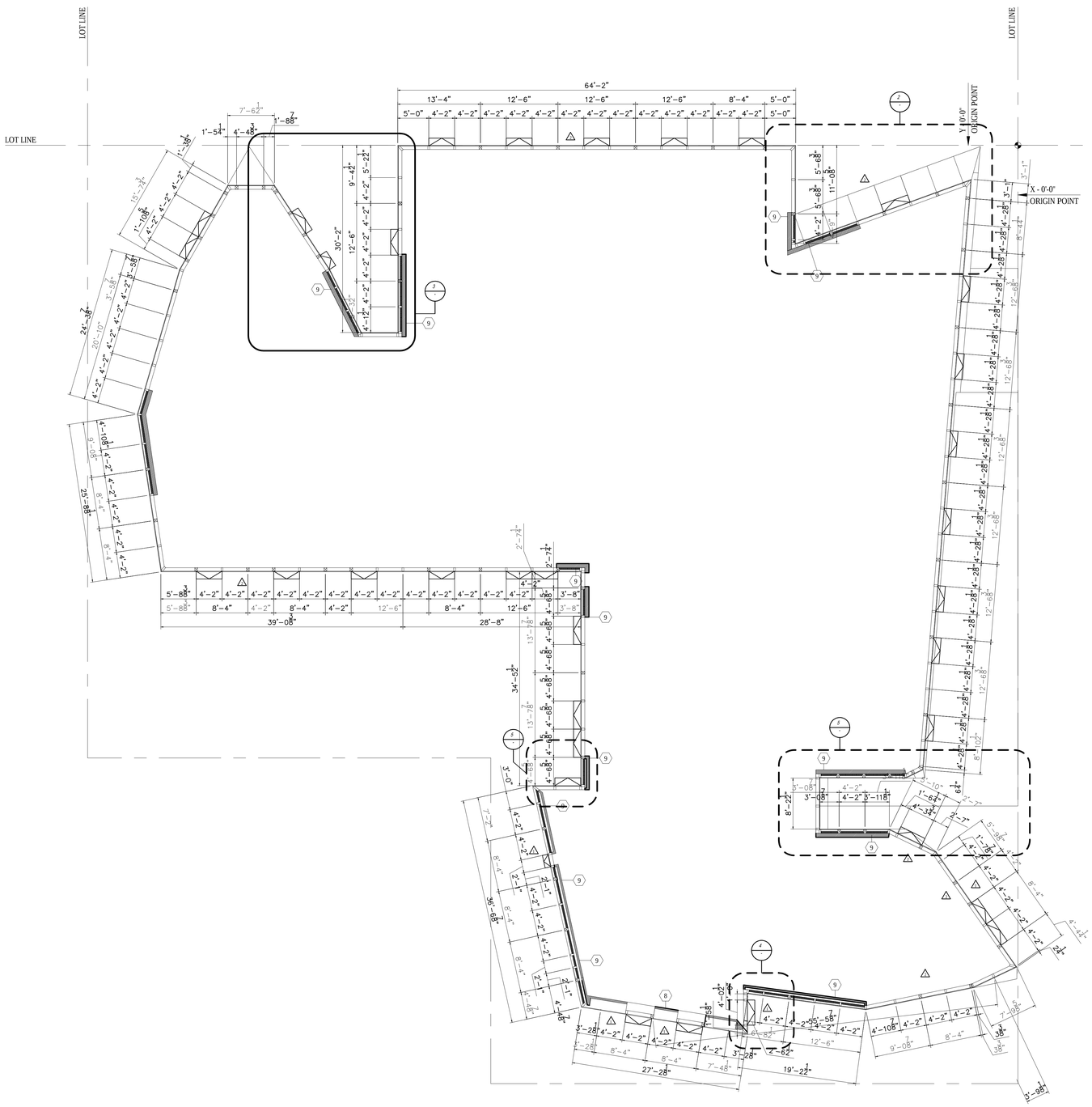

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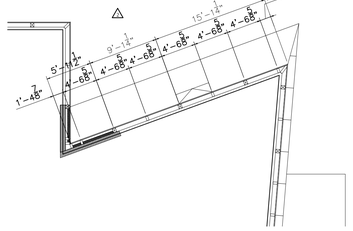

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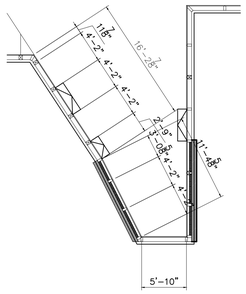

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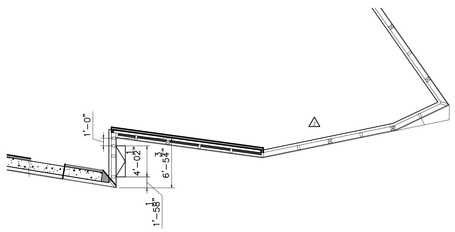

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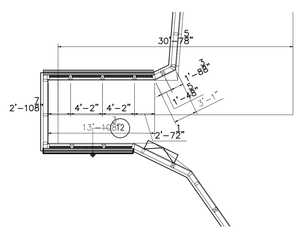

5 23RD FLOOR PERIMETER PLAN-DETAIL
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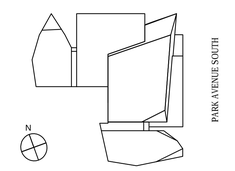
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
23RD FLOOR PERIMETER PLAN

DRAWING NO:
A-273.00

NYC DOB NO: 121181808

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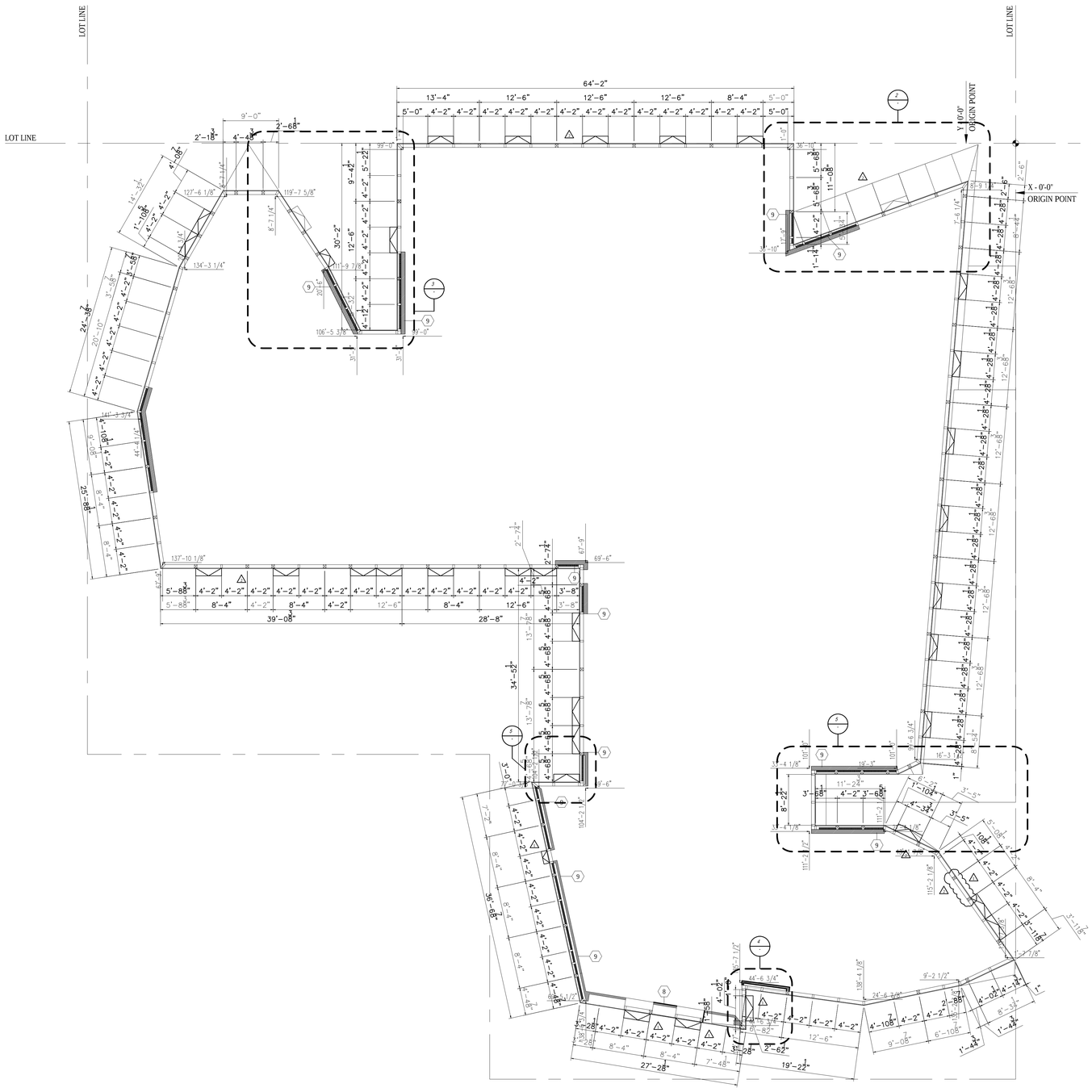
DEPT OF BLDGS121181808 Job Number
ES5721346SE Scan Code



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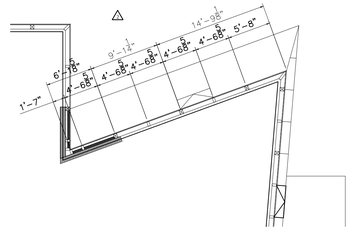

2 24TH FLOOR PERIMETER PLAN-DETAIL
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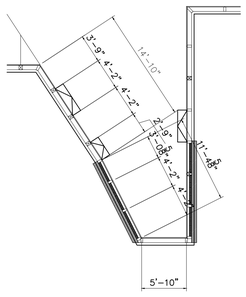

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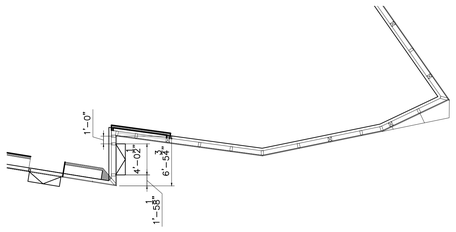

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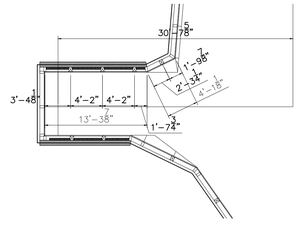

5 24TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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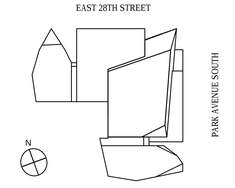
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
24TH FLOOR PERIMETER PLAN

DRAWING NO:
A-274.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
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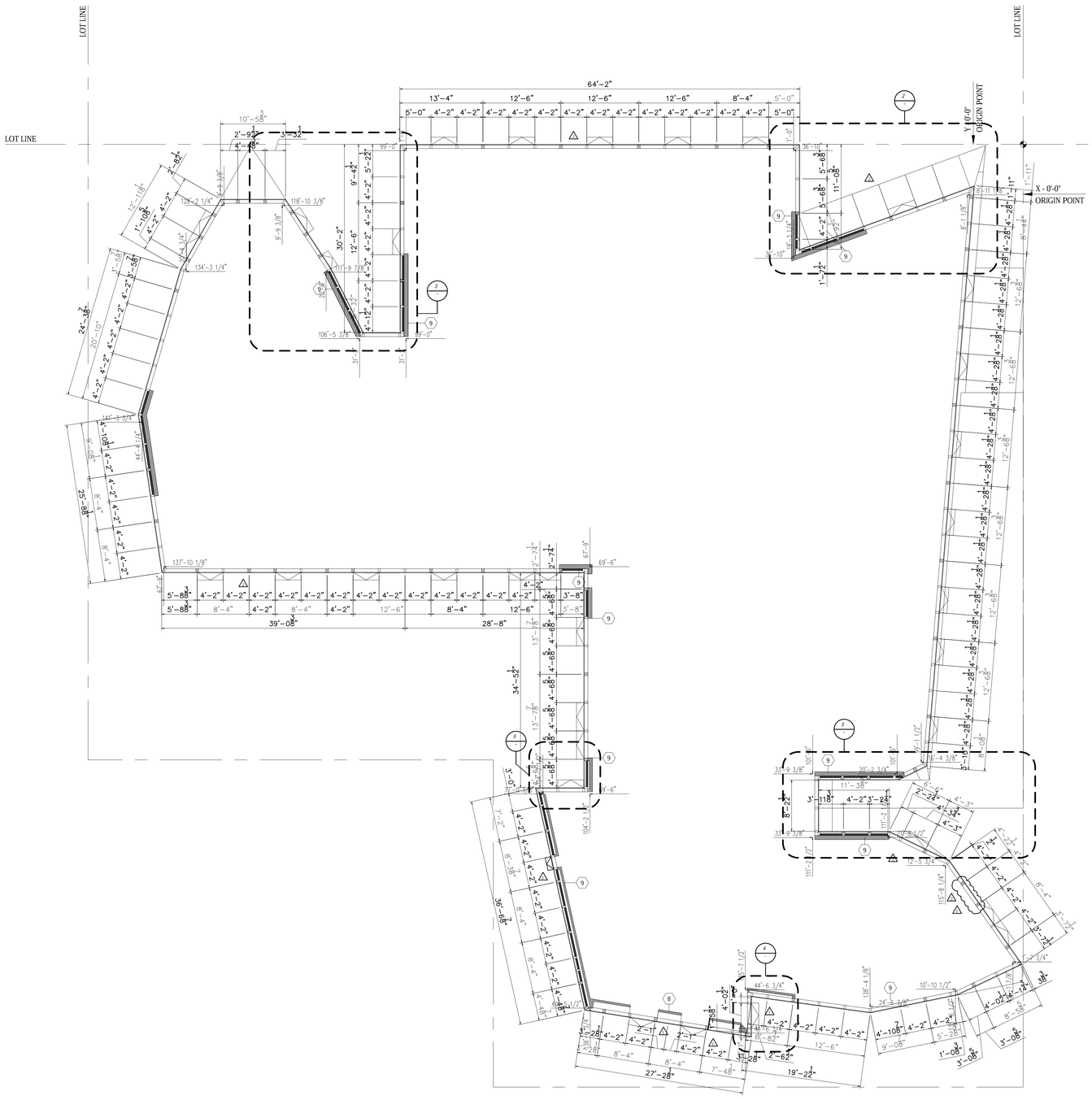
LOT LINE
LOT LINE
64'-2"
13'-4"
12'-6"
12'-6"
12'-6"
8'-4"
5'-0"
Y 0'-0" ORIGIN POINT
X - 0'-0" ORIGIN POINT
10'-5 3/8"
106'-5 3/8"
99'-0"
137'-10 1/8"
39'-08"
28'-8"
34'-5 1/2"
104'-2 1/4"
36'-8 1/2"
27'-28"
19'-2 1/2"
12'-5 3/4"
115'-8 1/4"
24'-6 1/2"
9'-9 1/8"
111'-9 7/8"
118'-10 3/8"
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141'-3 3/4"
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20'-2 1/4"
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35'-4 1/8"
10'-10 1/2"
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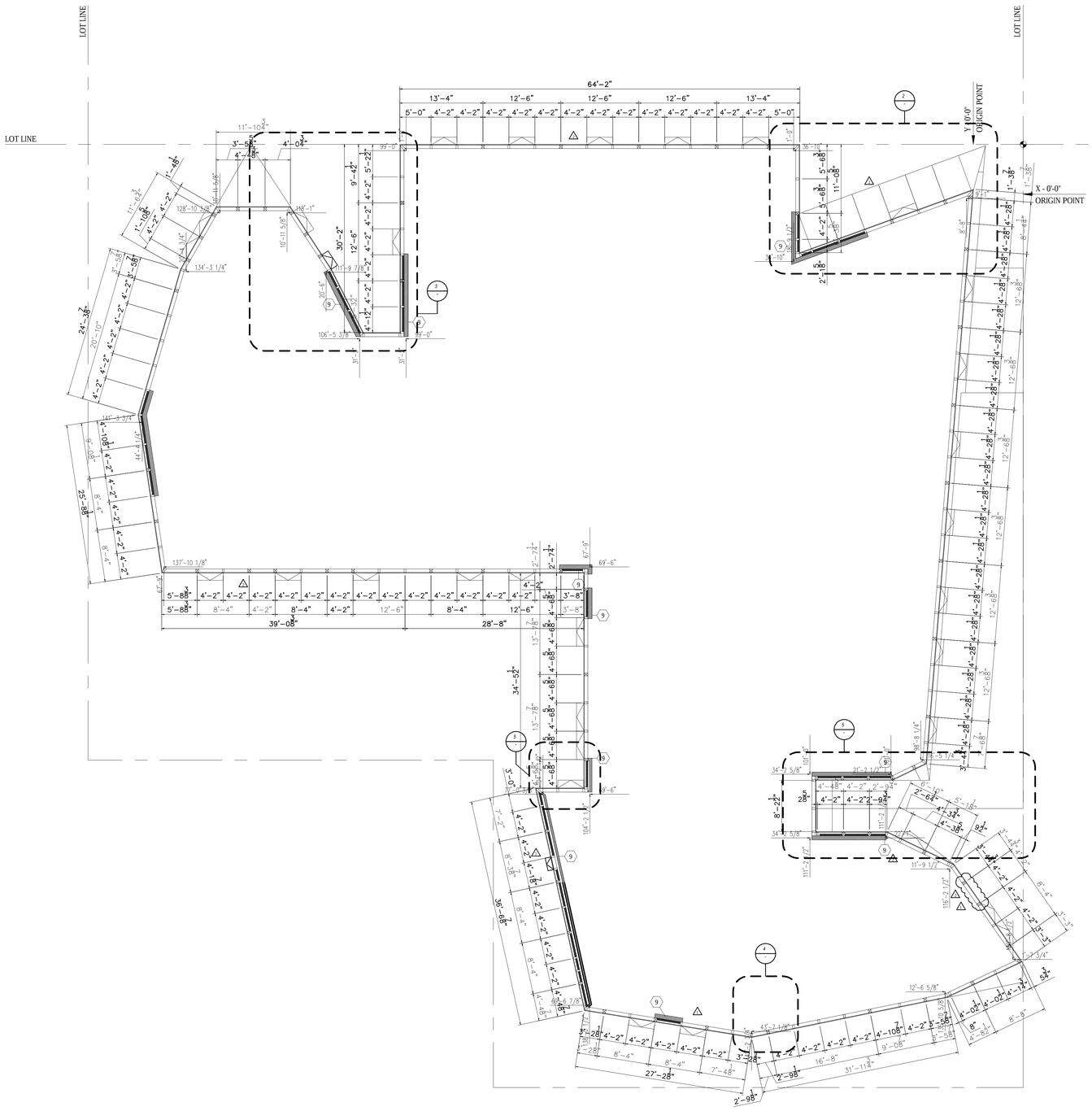
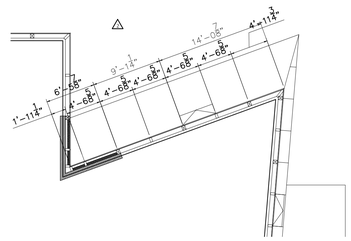
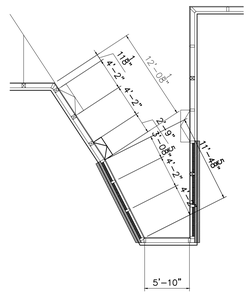


1 26TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

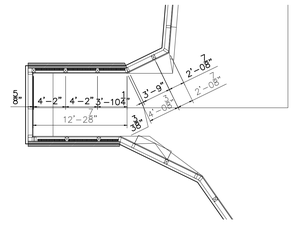


2 26TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 26TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

4 NOT USED
SCALE: 1/8" = 1'-0"



5 26TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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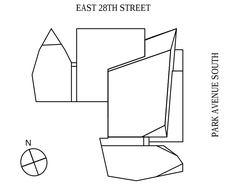

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
26TH FLOOR PERIMETER PLAN

DRAWING NO:
A-276.00

NYC DOB NO: 121181808

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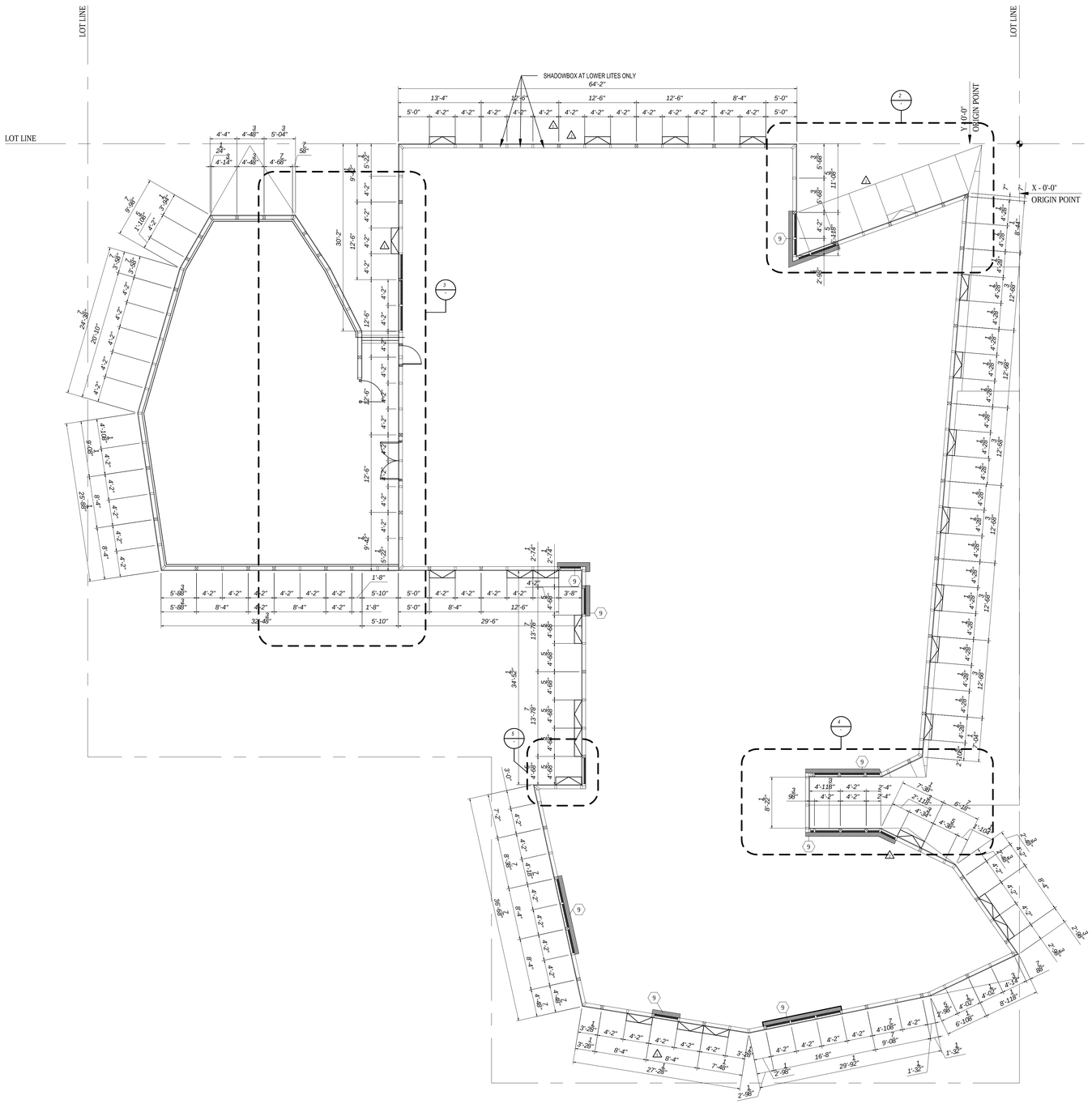
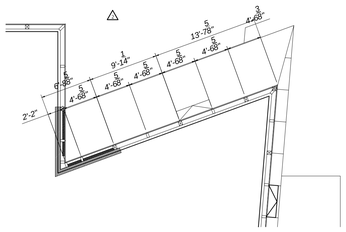
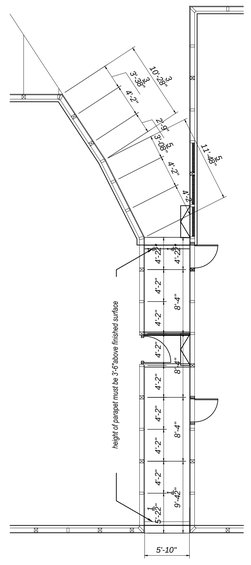
ES9146351264 Scan Code



1 27TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



2 27TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



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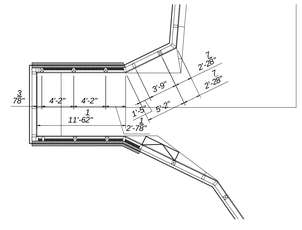

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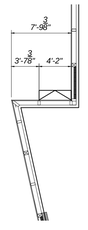

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INTERIOR DESIGN
STEPHEN ALTON ARCHITECT, P.C.
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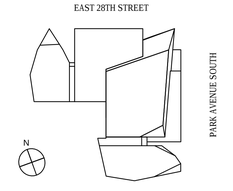
NEW YORK, NY 10018
T: 212.243.3315

NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
27TH FLOOR PERIMETER PLAN

DRAWING NO:
A-277.00

NYC DOB NO: 121181808

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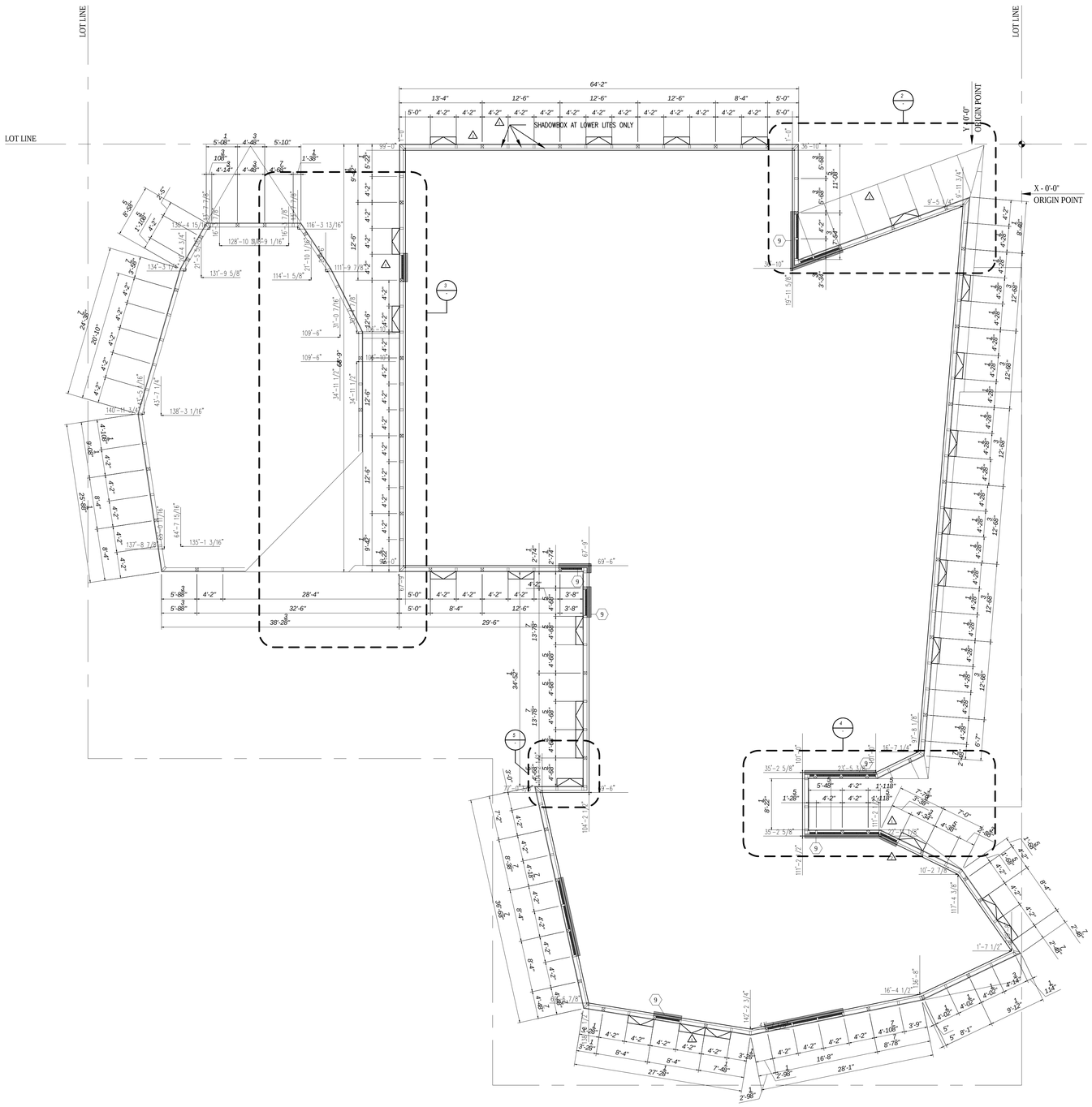
DEPT OF BLDGS121181808 Job Number
ES8081743205 Scan Code



1 28TH FLOOR PERIMETER PLAN
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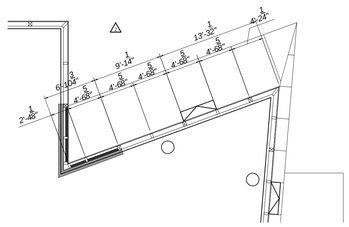
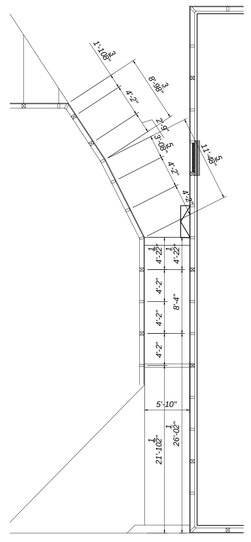


2 28TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



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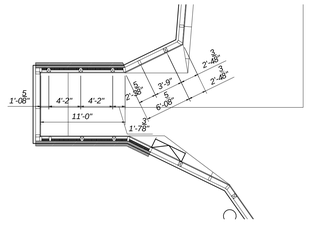

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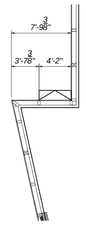

5 28TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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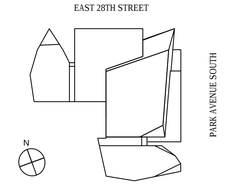

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PROJECT NO: 874
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DRAWING TITLE:
28TH FLOOR PERIMETER PLAN

DRAWING NO:
A-278.00

NYC DOB NO: 121181808

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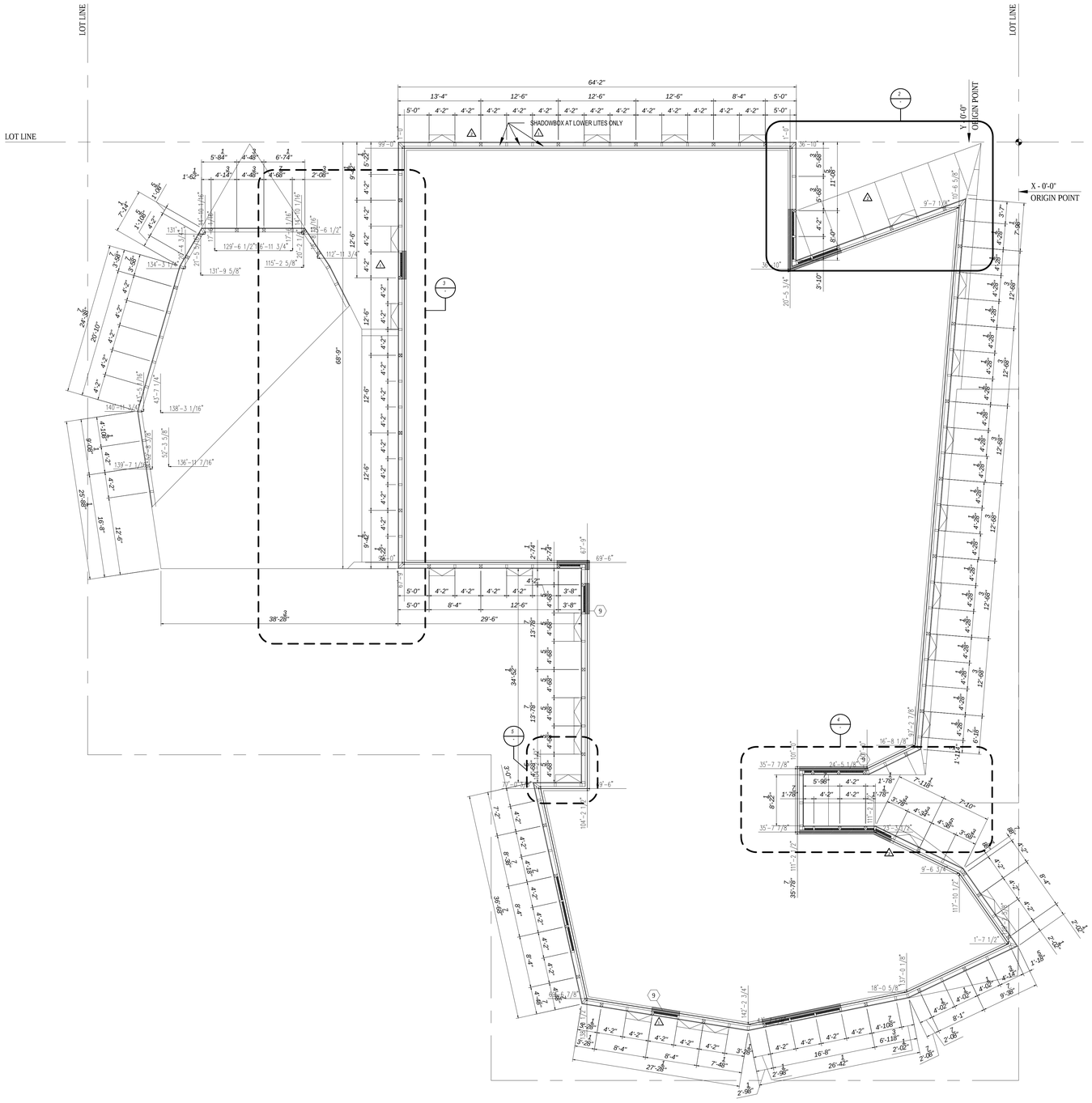

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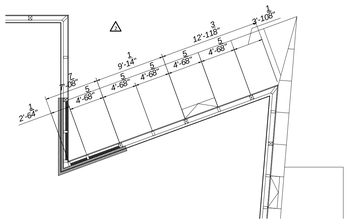

2 29TH FLOOR PERIMETER PLAN-DETAIL
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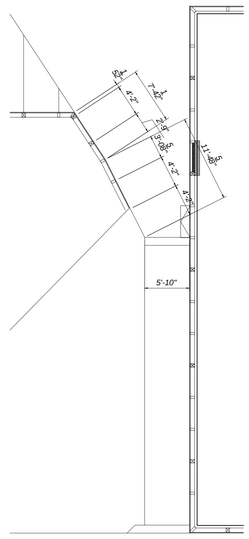

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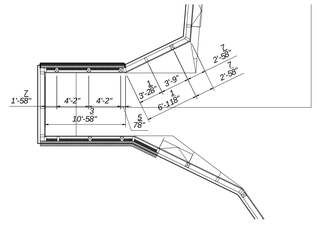

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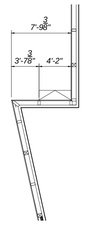

5 29TH FLOOR PERIMETER PLAN-DETAIL
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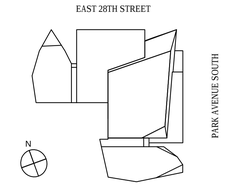

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
29TH FLOOR PERIMETER PLAN

DRAWING NO:
A-279.00

NYC DOB NO: 121181808

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:47 AM
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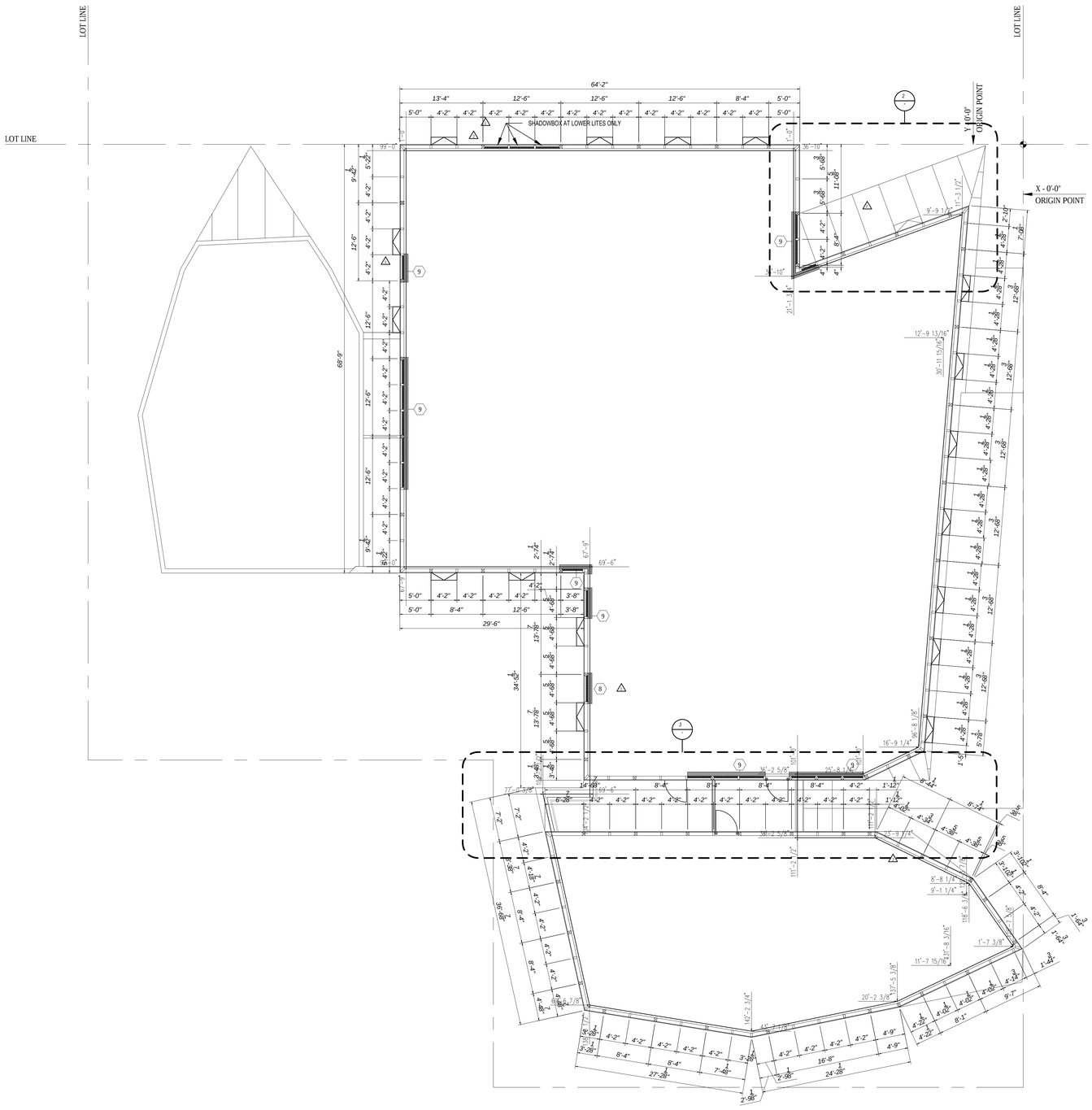
ES4548851376 Scan Code



1 30TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

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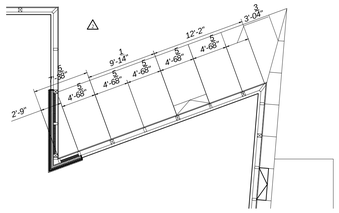

2 30TH FLOOR PERIMETER PLAN-DETAIL
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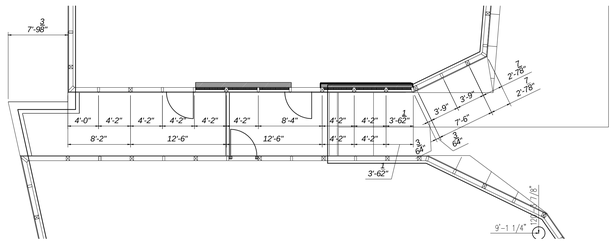

3 30TH FLOOR PERIMETER PLAN-DETAIL
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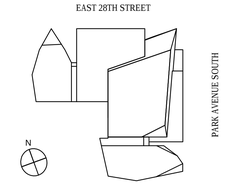

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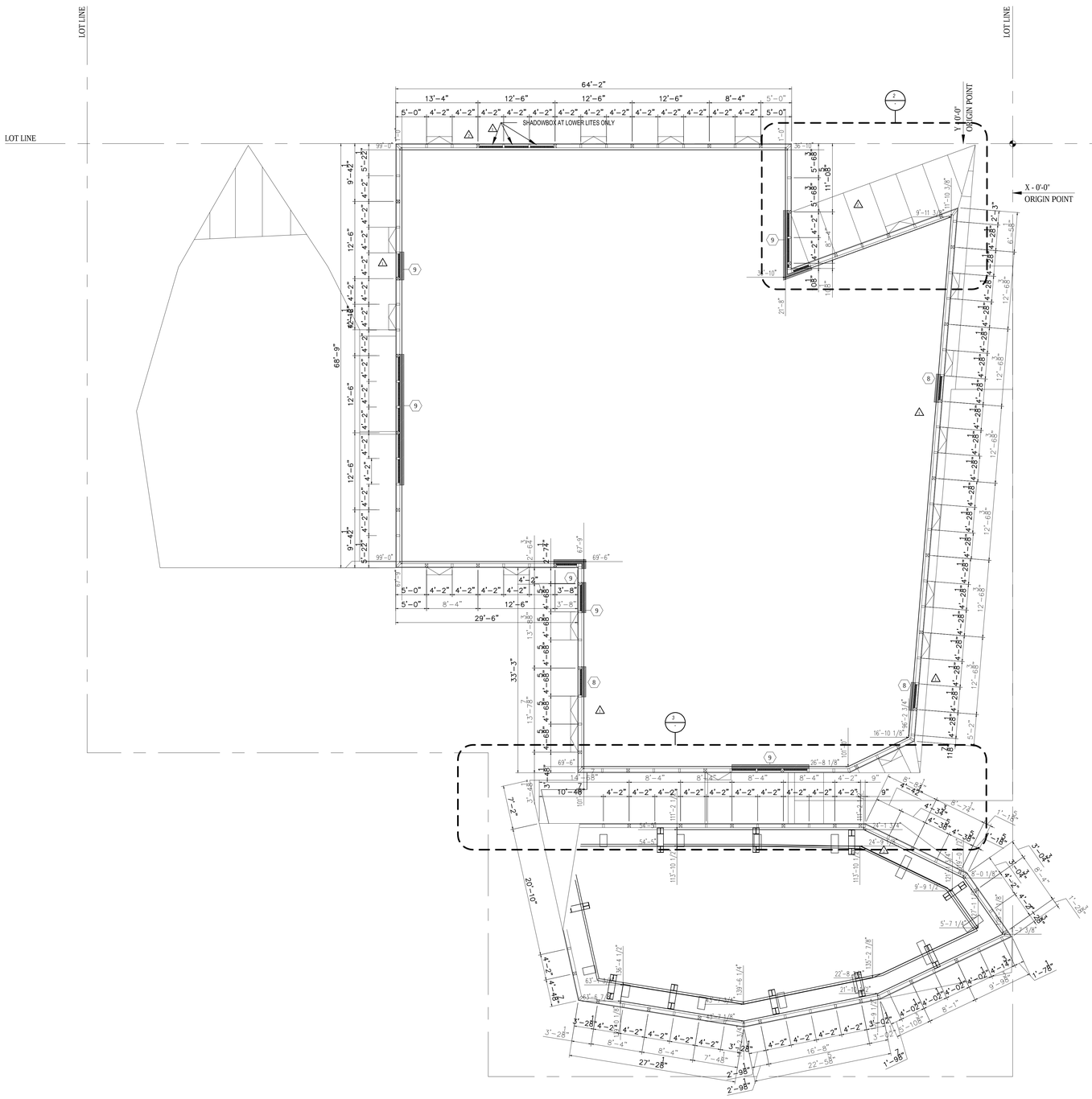
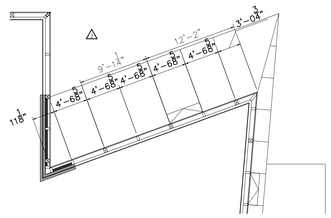
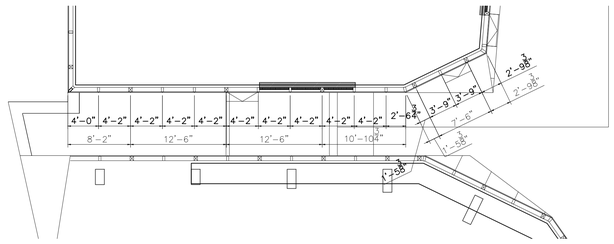
ES8100075080 Scan Code



1 31ST FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



2 31ST FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 31ST FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 ON SHT A522)EXCEPT AS OTHERWISE NOTED

Damian Titus
Buildings
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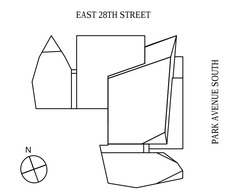
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
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31ST FLOOR PERIMETER PLAN

DRAWING NO:
A-281.00

NYC DOB NO: 121181808

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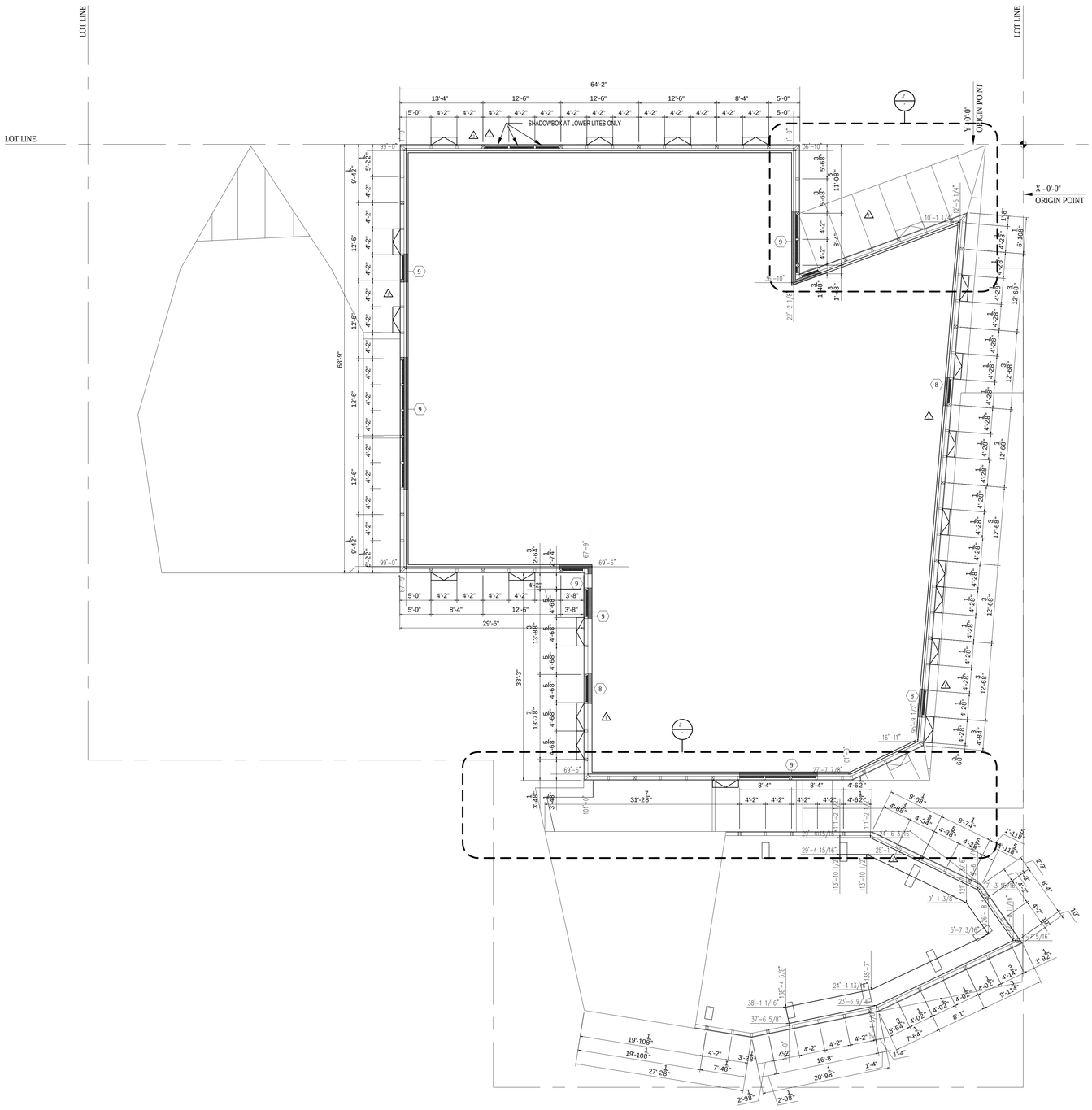

1 32ND FLOOR PERIMETER PLAN
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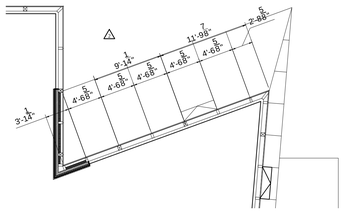
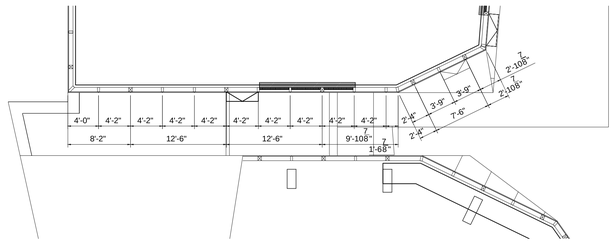


2 32ND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 32ND FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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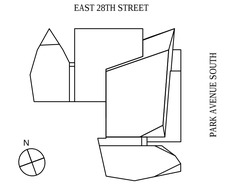
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
⚠	07.10.12	ASI 007
⚠	08.08.12	ASI 023

KEY PLAN



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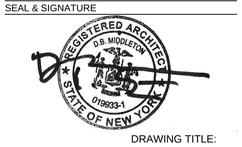
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
32ND FLOOR PERIMETER PLAN

DRAWING NO:
A-282.00

NYC DOB NO: 121181808

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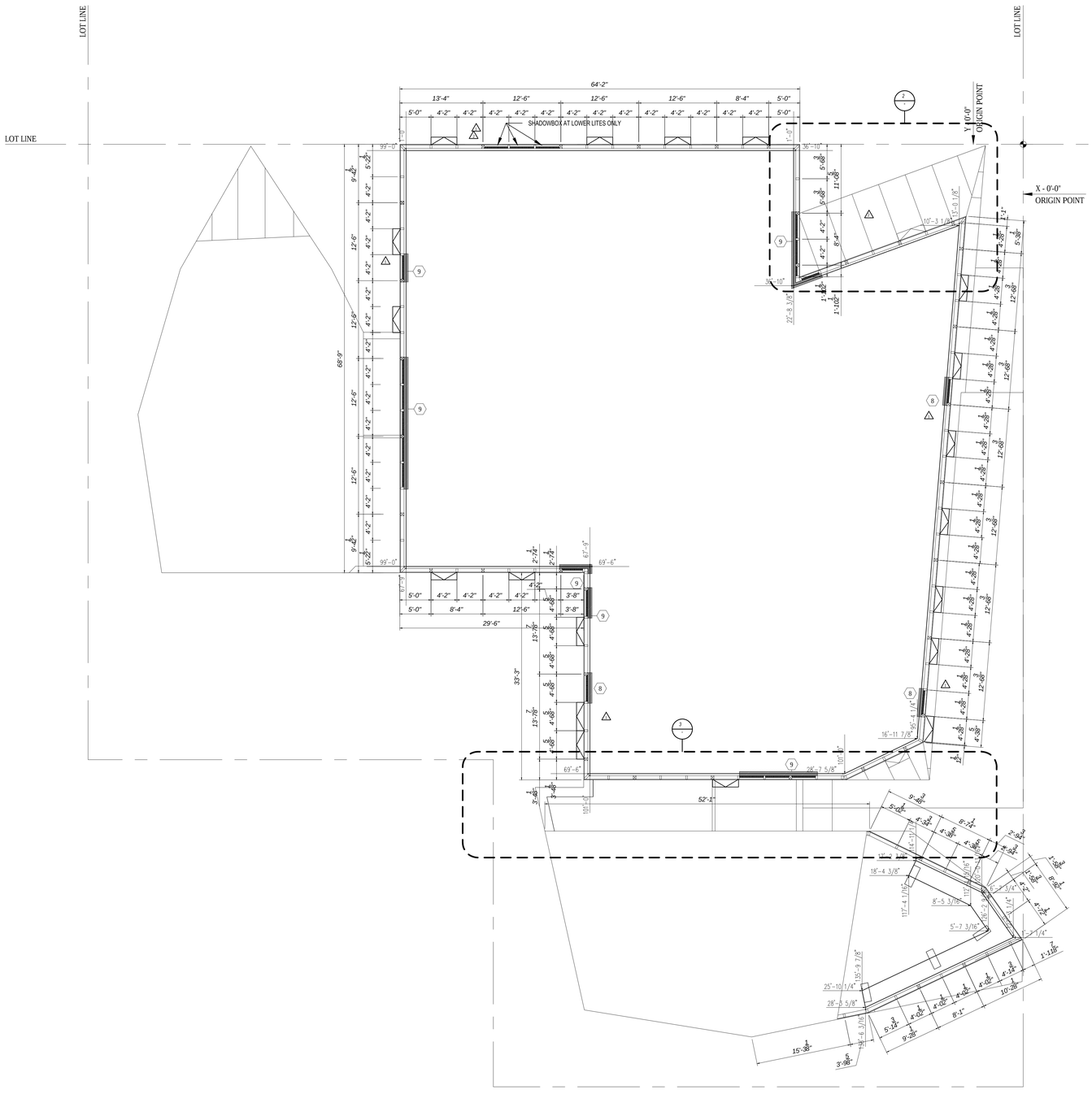
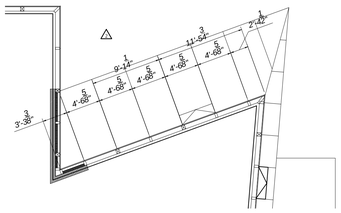
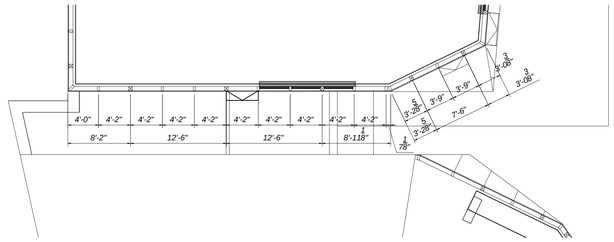
DEPT OF BLDGS121181808 Job Number
ES52454423459 Scan Code



1 33RD FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



2 33RD FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"



3 33RD FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
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   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 ON SHT A522)EXCEPT AS OTHERWISE NOTED

Damian Titus
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Under Directive 2 of 1975
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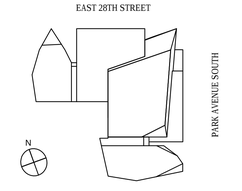
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
33RD FLOOR PERIMETER PLAN

DRAWING NO:
A-283.00

NYC DOB NO: 121181808

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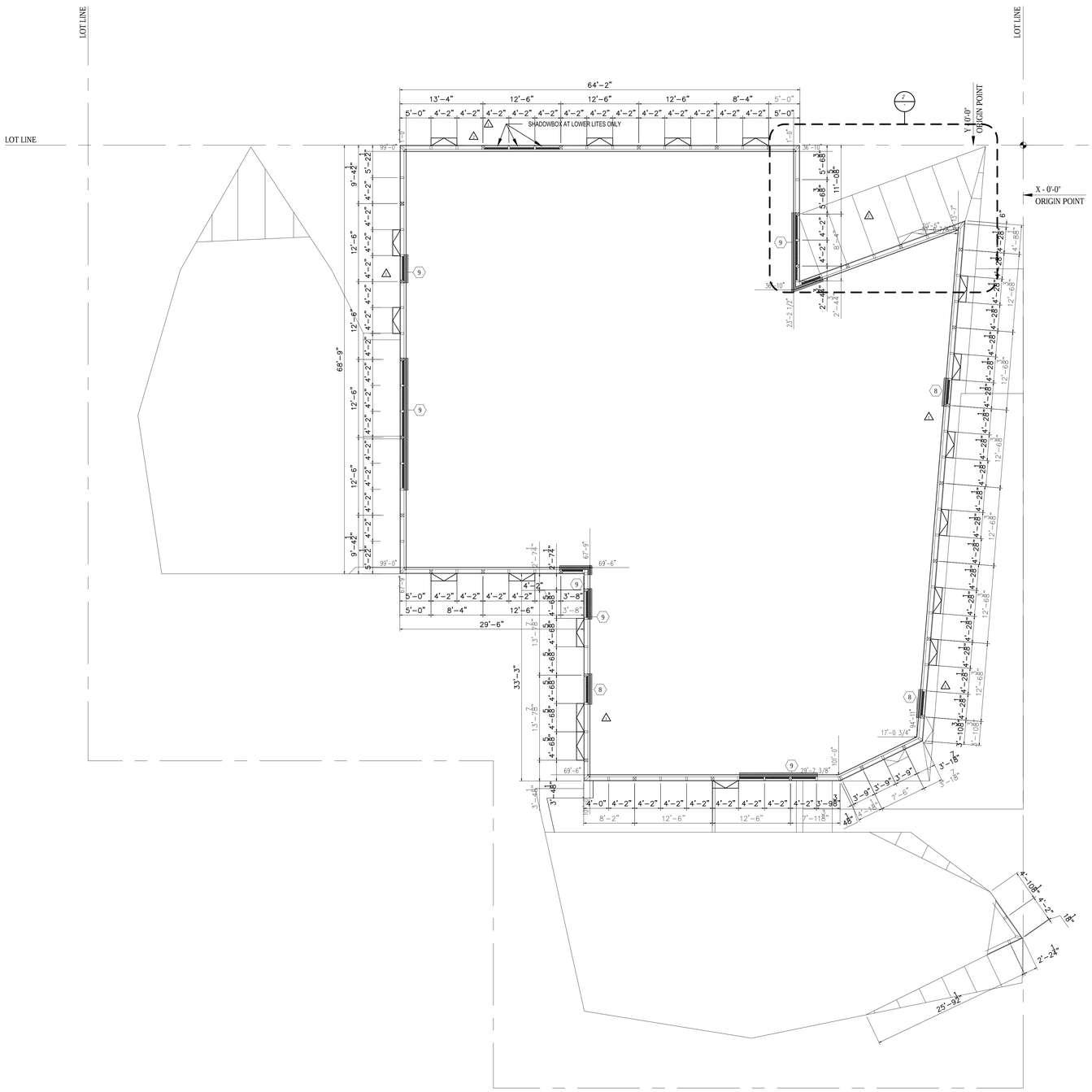
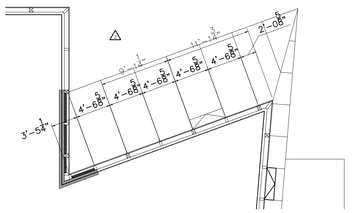
ES3785526Y1 Scan Code



1 34TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



2 34TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
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   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
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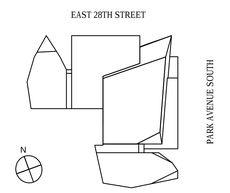

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
34TH FLOOR PERIMETER PLAN

DRAWING NO:
A-284.00

NYC DOB NO: 121181808

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:47 AM
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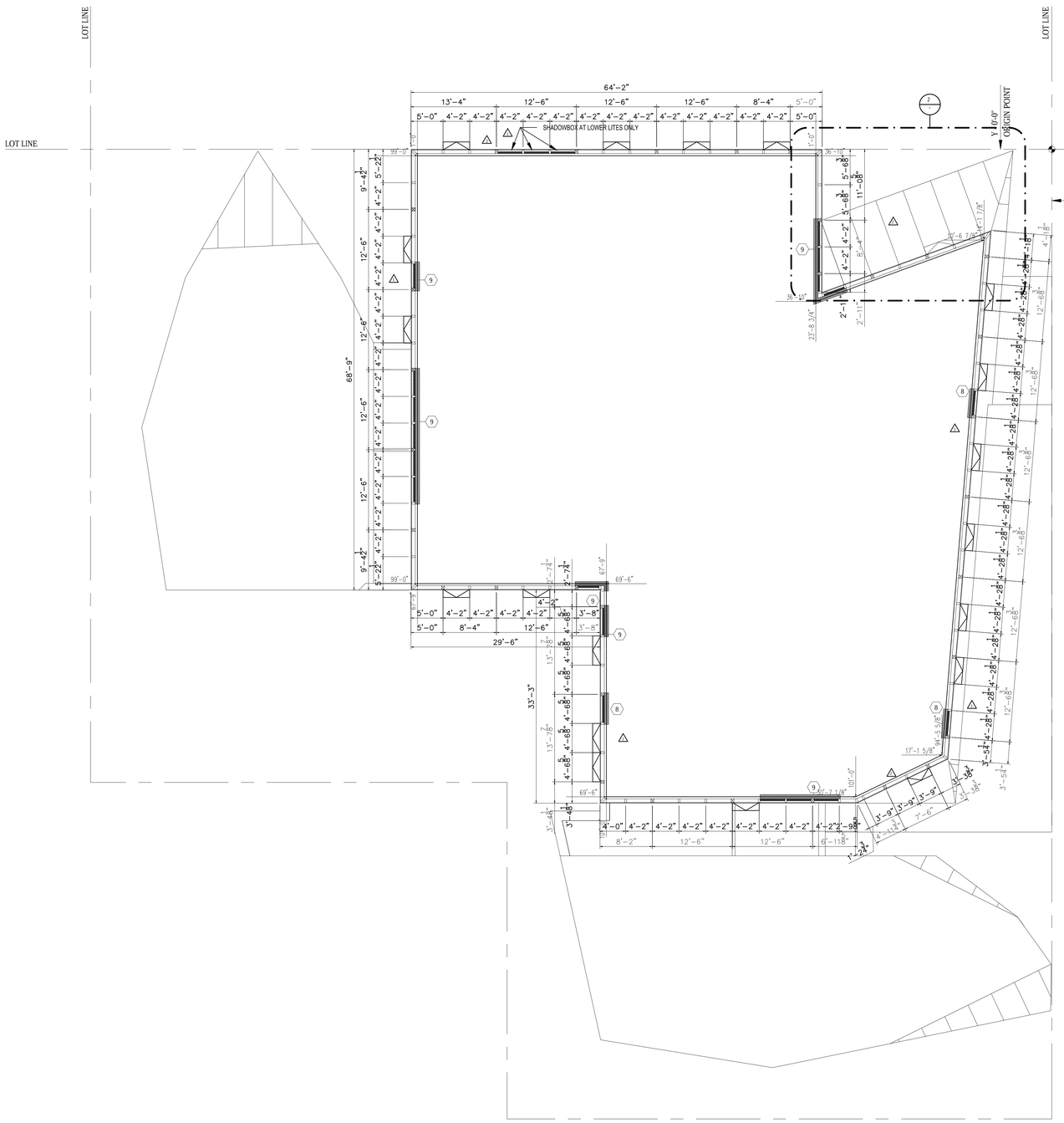
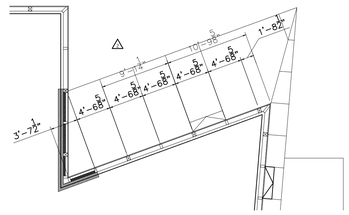
DEPT OF BLDGS121181808 Job Number
ES6095694717 Scan Code



1 35TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



2 35TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 & 6 ON SHT A522)EXCEPT AS OTHERWISE NOTED

Damian Titus
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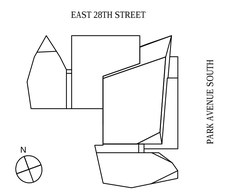
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
35TH FLOOR PERIMETER PLAN

DRAWING NO:
A-285.00

NYC DOB NO: 121181808

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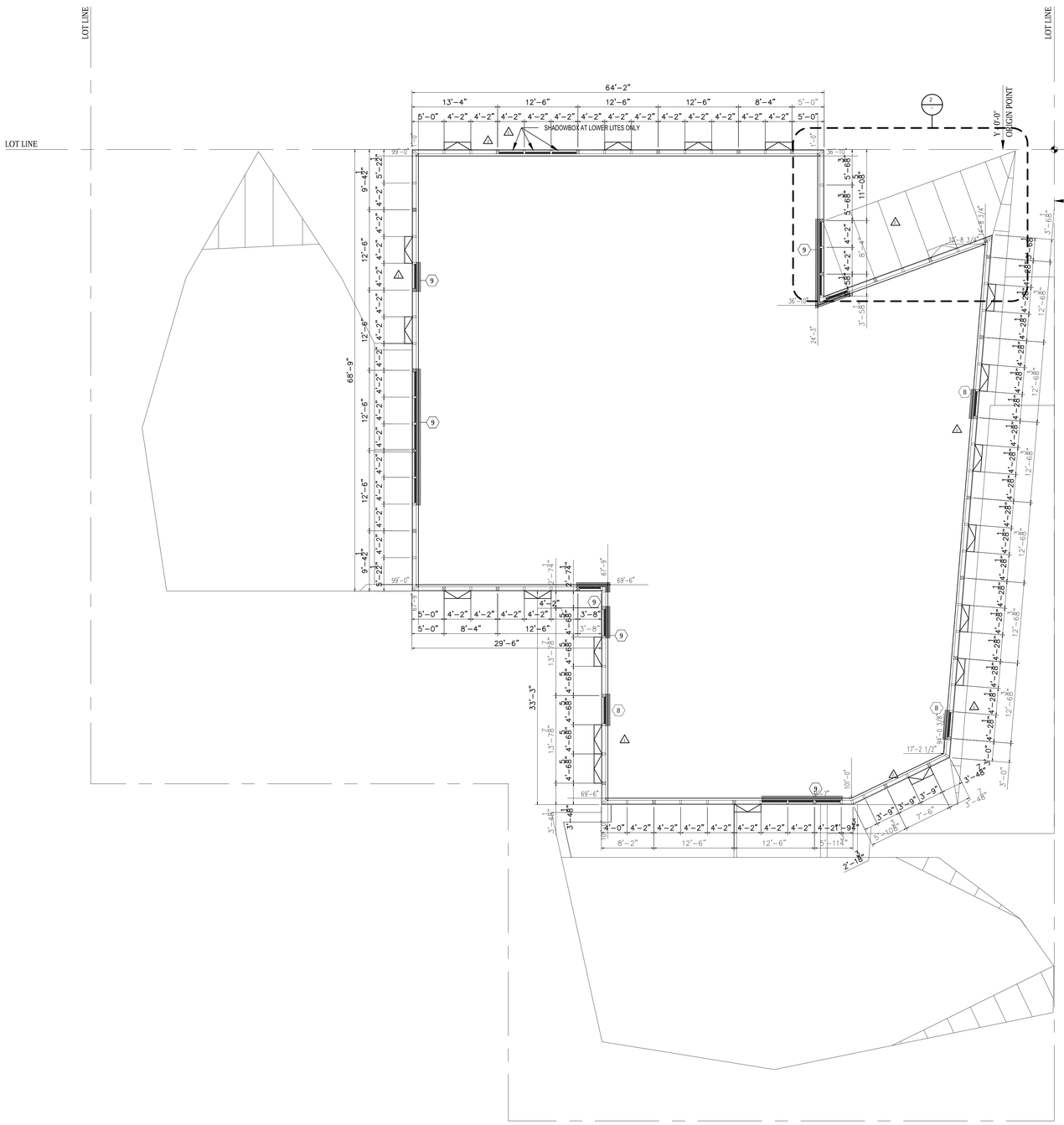
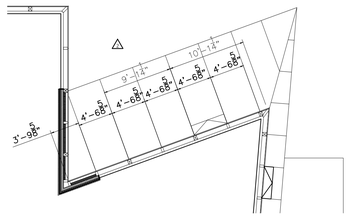
ES265342174S Scan Code



1 36TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



2 36TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
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Damian Titus
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APPROVED
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NYC Development Hub

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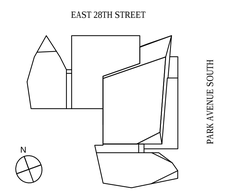
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
36TH FLOOR PERIMETER PLAN

DRAWING NO:
A-286.00

NYC DOB NO: 121181808

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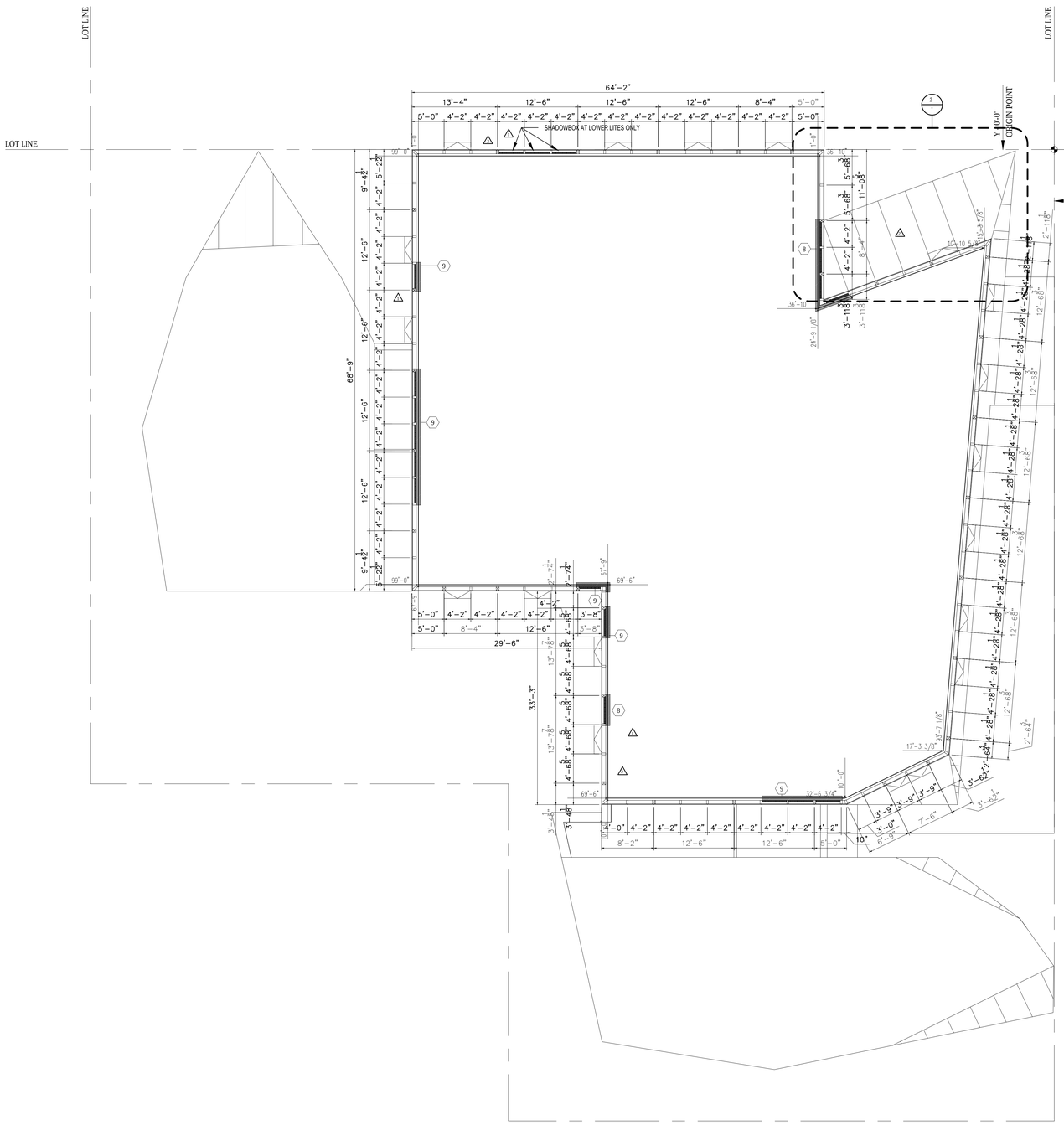
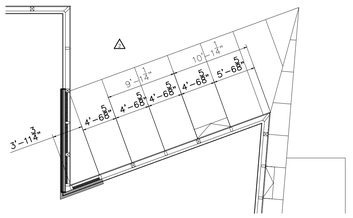
ES30957/40S6 Scan Code



1 37TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



2 37TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
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1	07.10.12	ASI 007
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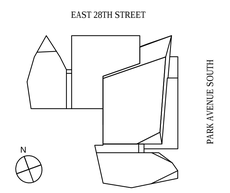
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
37TH FLOOR PERIMETER PLAN

DRAWING NO:
A-287.00

NYC DOB NO: 121181808

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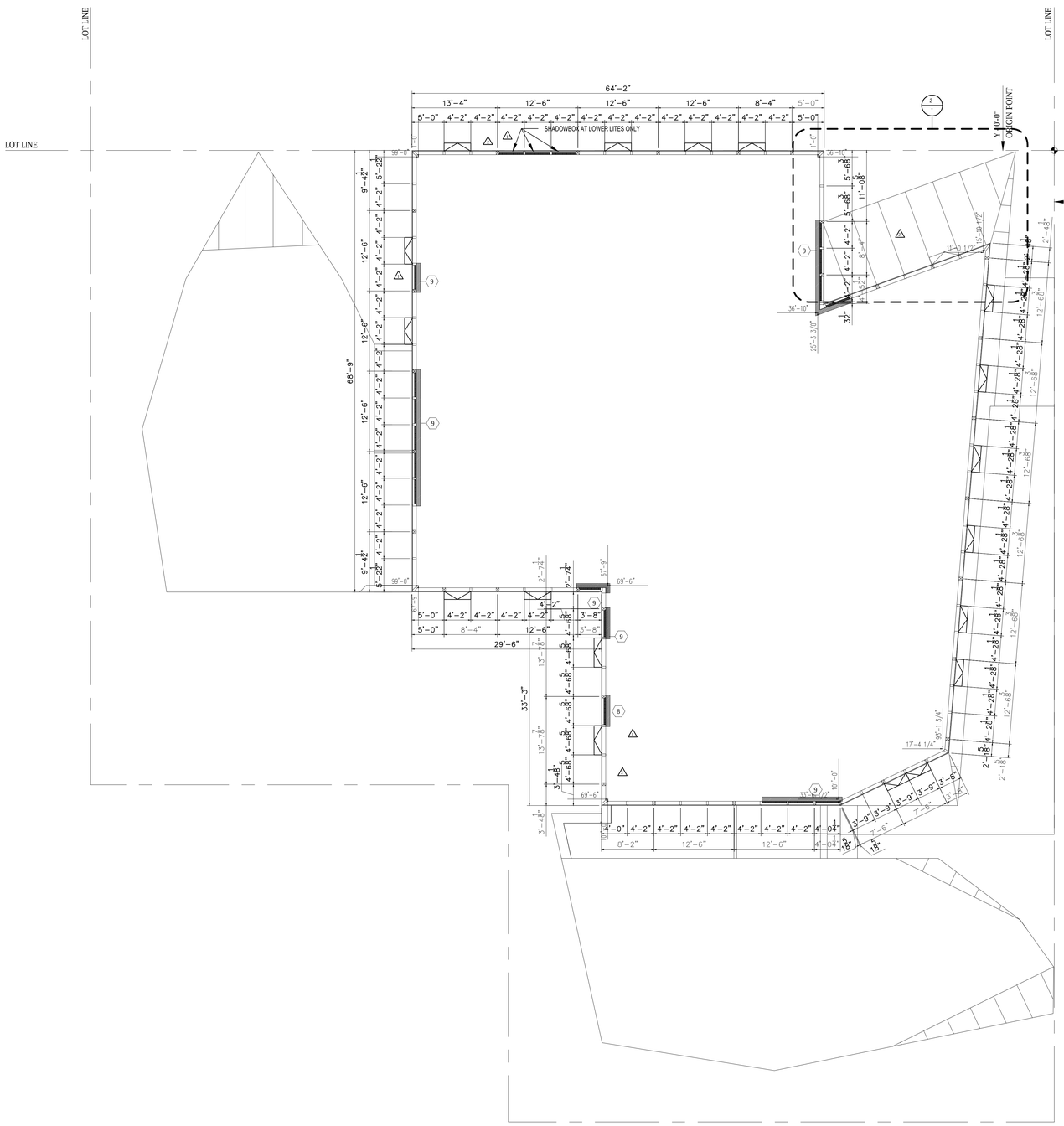
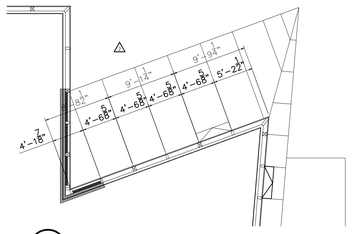
ES8226202229 Scan Code



1 38TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"



2 38TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
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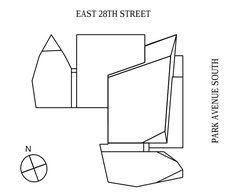

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
38TH FLOOR PERIMETER PLAN

DRAWING NO:
A-288.00

NYC DOB NO: 121181808

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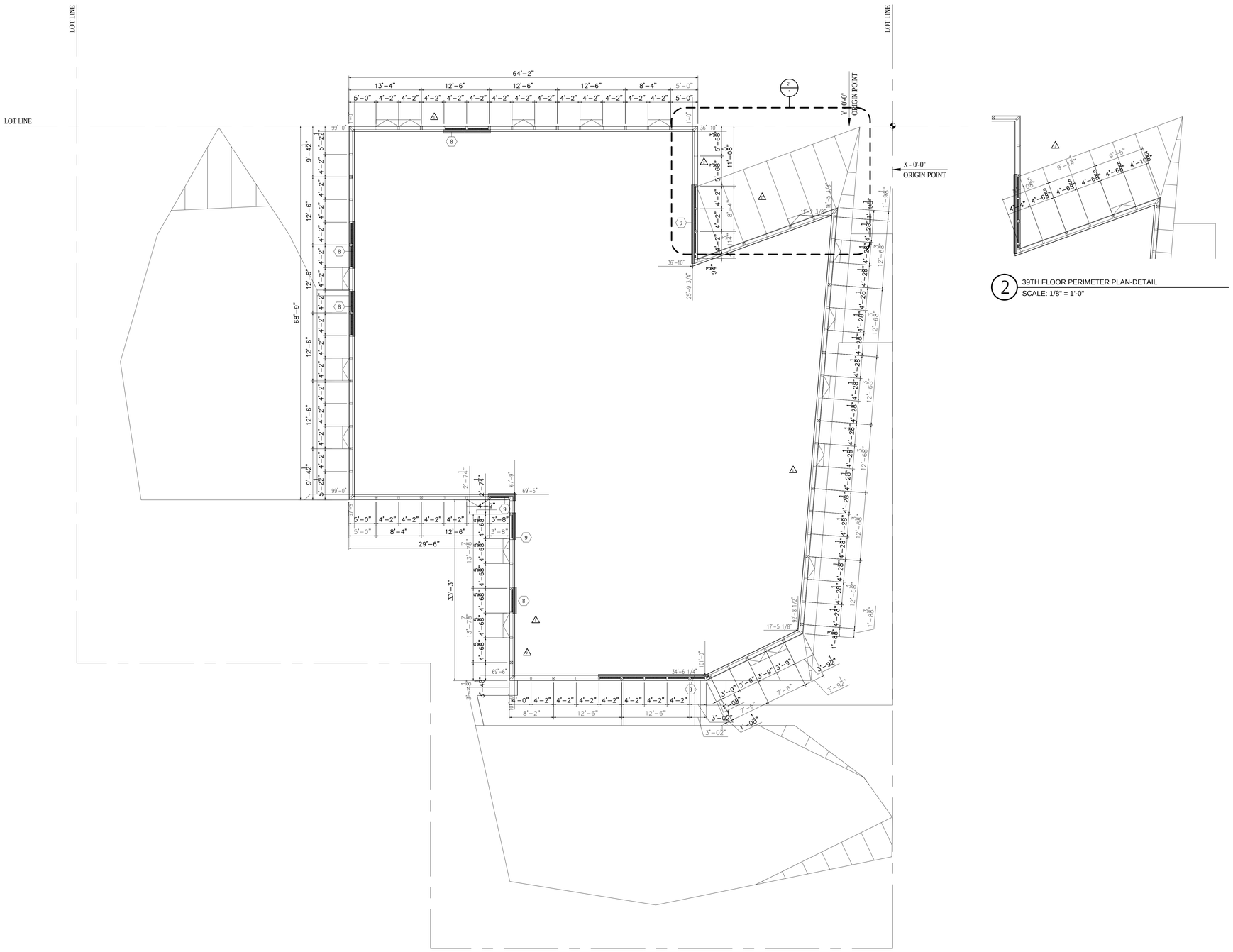

1 39TH FLOOR PERIMETER PLAN
SCALE: 1/8" = 1'-0"

2 39TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

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3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 ON SHT A522)EXCEPT AS OTHERWISE NOTED

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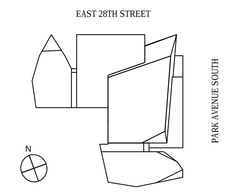
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
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DRAWING TITLE:
39TH FLOOR PERIMETER PLAN

DRAWING NO:
A-289.00

NYC DOB NO: 121181808

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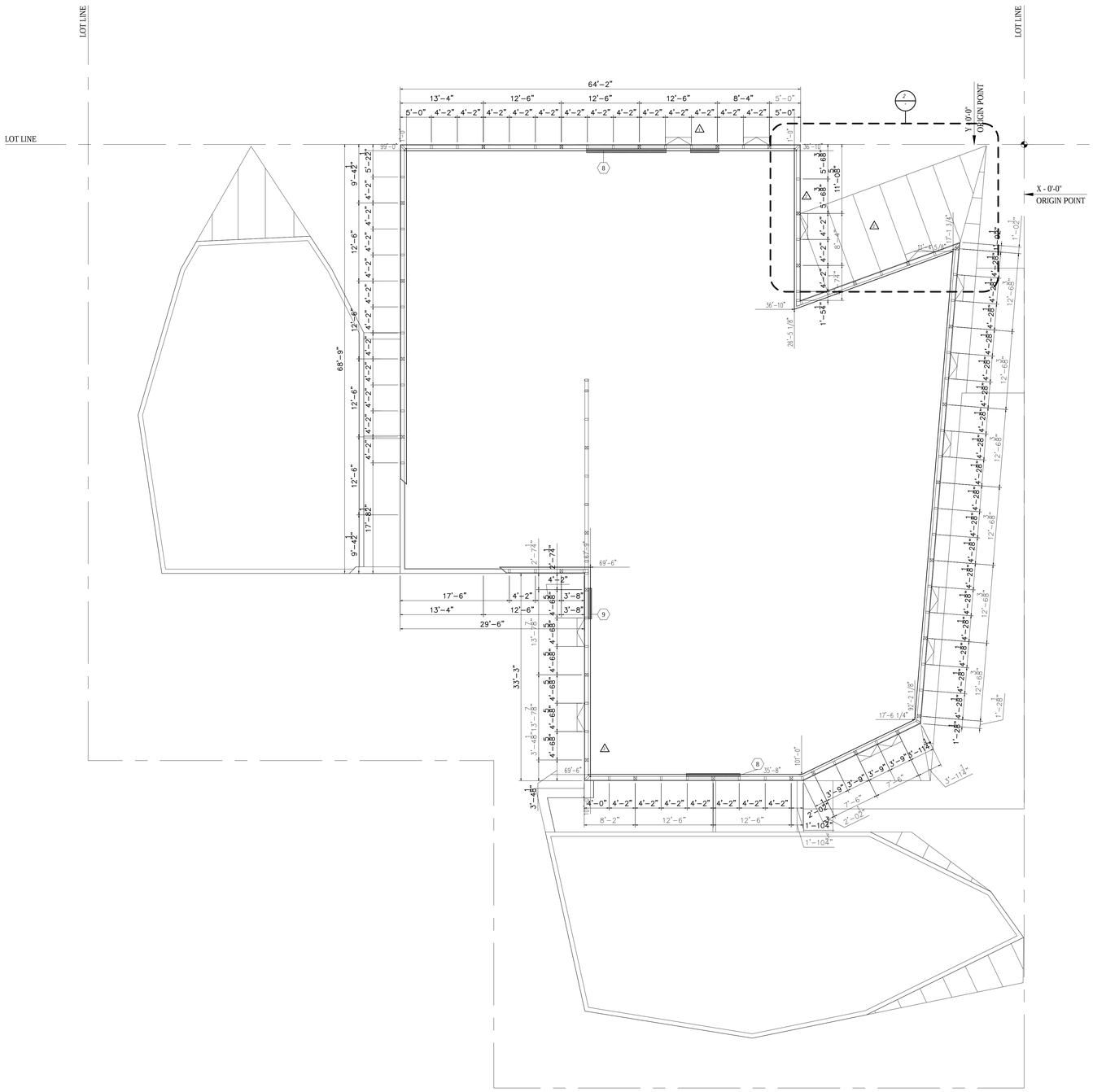
ES5003353010 Scan Code



1 40TH FLOOR PERIMETER PLAN
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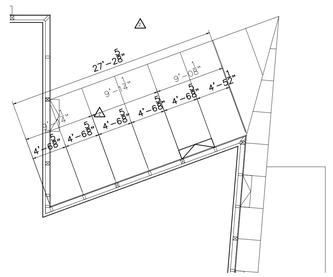

2 40TH FLOOR PERIMETER PLAN-DETAIL
SCALE: 1/8" = 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER
2. ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.
3. DISTANCE EDGE OF SLAB – EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)
   SEE SERIES A-420-A422, A440, A441, A462 &A463 SERIES SHEETS
4. FACADE TYPES AND DETAILS SEE: ELEVATION A 301 TILL A308 AND DEVELOPED ELEVATION A310 TILL A318
5. ALL FURRING WALLS BEHIND CURTAIN WALL SHALL BE KEYED NOTE 9 (SEE DETAIL 5 ON SHT A522)EXCEPT AS OTHERWISE NOTED

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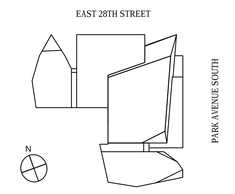
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
40TH FLOOR PERIMETER PLAN

DRAWING NO:
A-290.00

NYC DOB NO: 121181808

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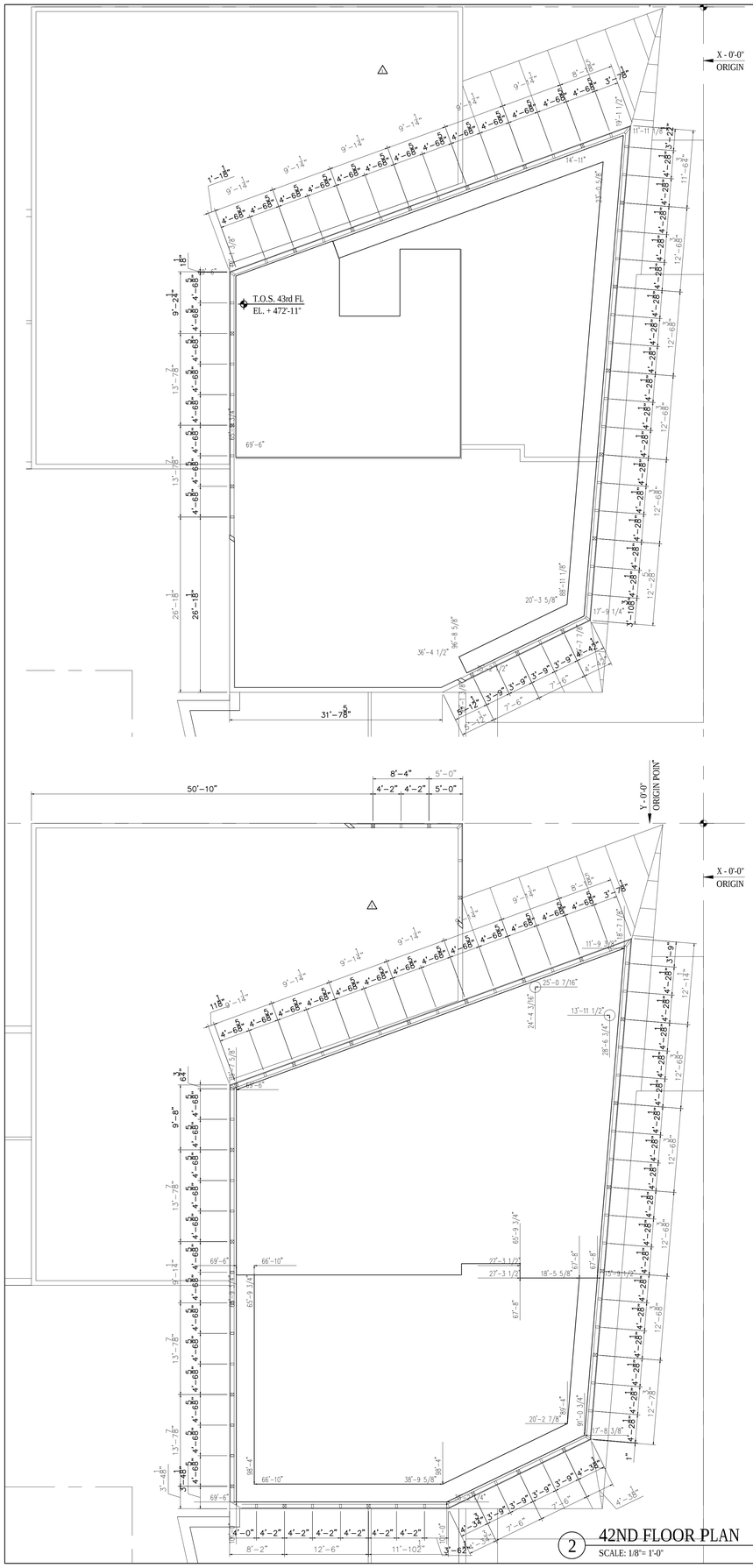

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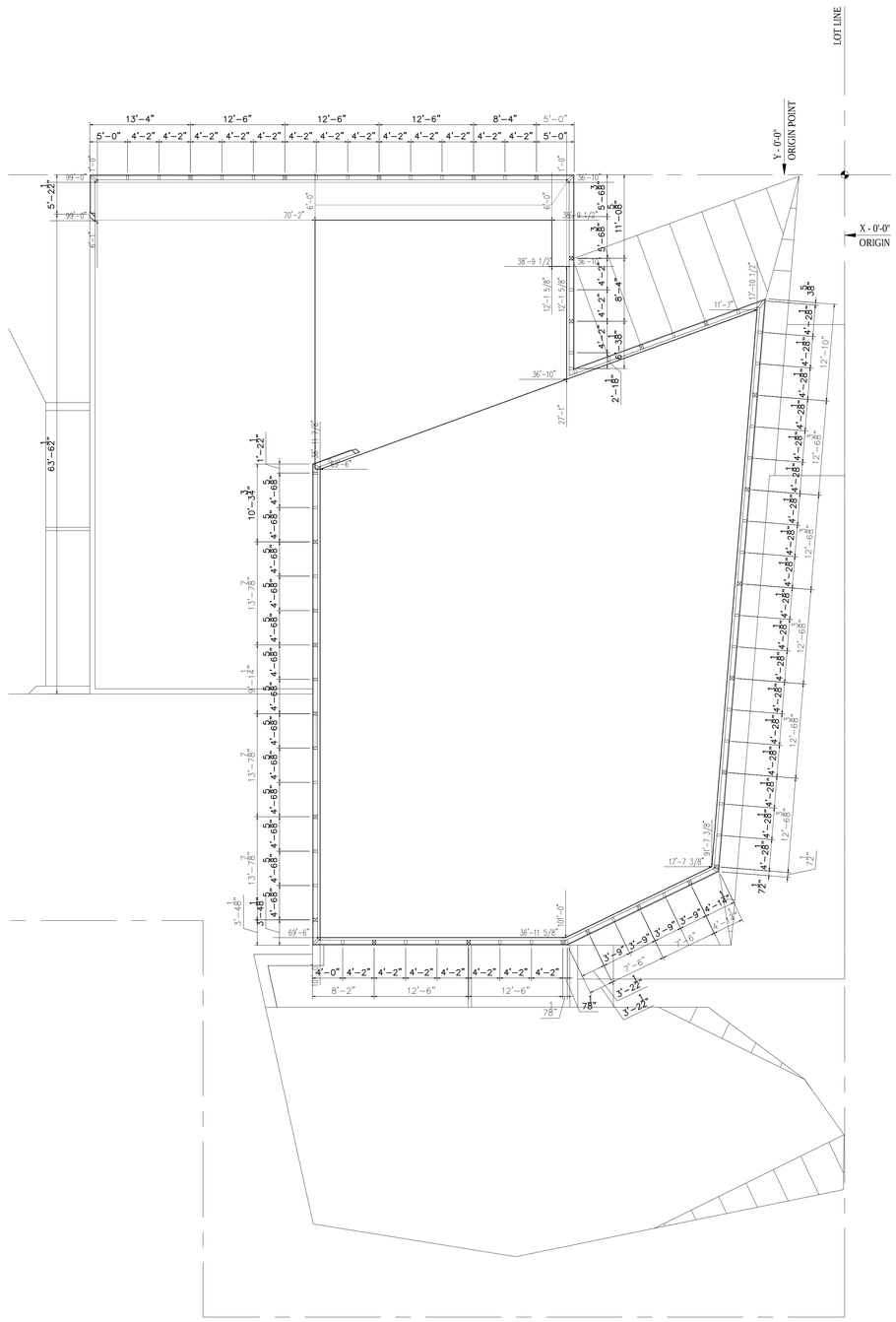

1 41ST FLOOR PLAN
SCALE: 1/8"= 1'-0"

EXTERIOR WALL GENERAL NOTES:

1. *REFER TO CONCRETE SLAB PLAN FOR EDGE OF SLABE DIMENSION AT PERIMETER*
2. *ALL DIMENSIONS ARE TAKEN AT 0'-0" ABOVE STRUCTURAL SLAB.*
3. *DISTANCE EDGE OF SLAB - EXTERIOR WALL FACE = 1' (PERPENDICULAR TO EXTERIOR WALL)*
   -> SEE SERIES A-440 to A444
4. *FACADE TYPES AND DETAILS SEE: ELEVATION A 201 TILL A204 AND DEVELOPED ELEVATION A210 TILL A214*

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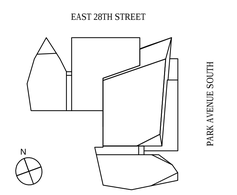
⚠	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
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DRAWING TITLE:
41ST, 42ND, & 43RD FLOOR PERIMETER PLANS

DRAWING NO:
A-291.00

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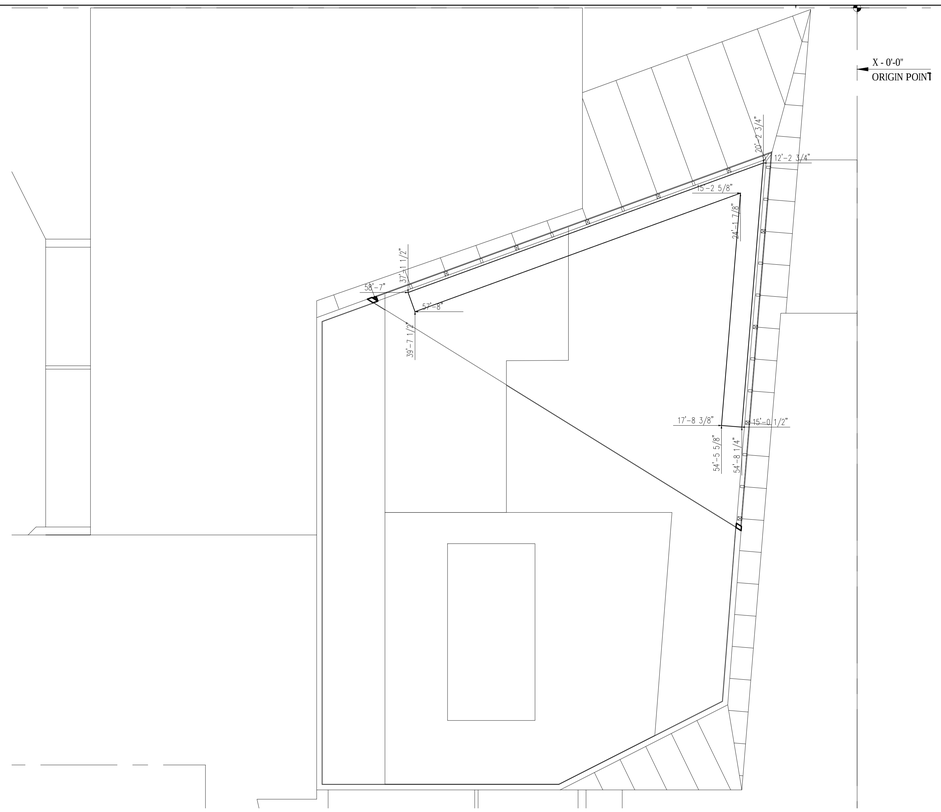

2 45TH FLOOR PLAN
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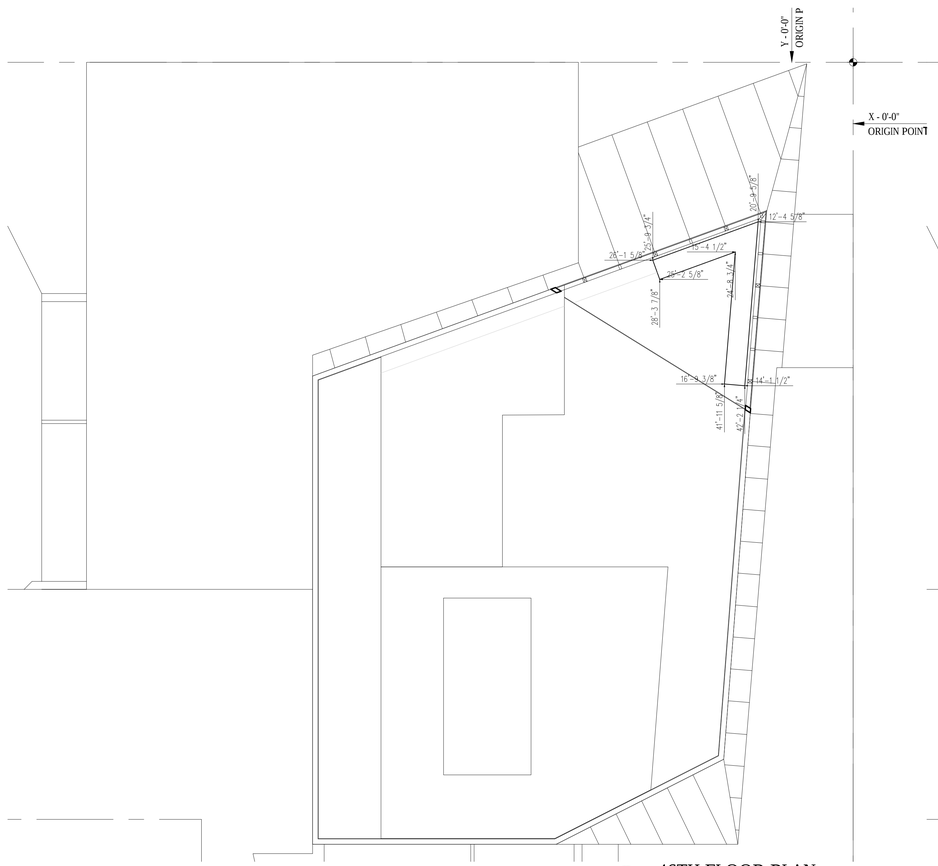

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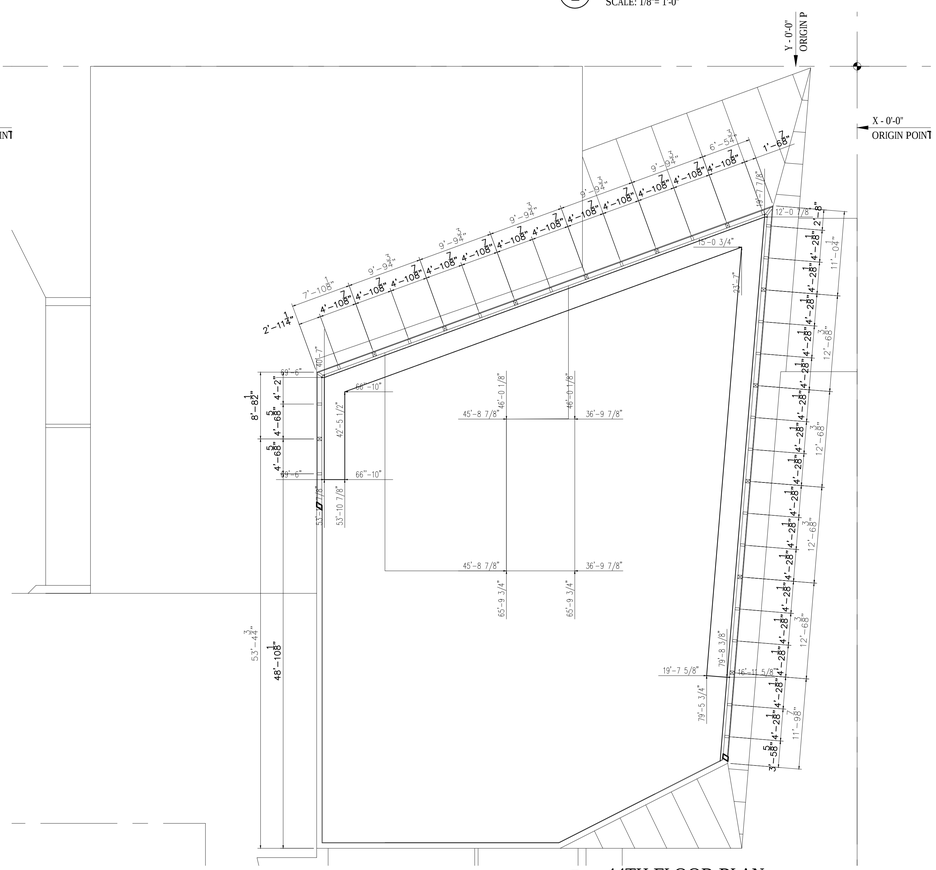

1 44TH FLOOR PLAN
SCALE: 1/8"= 1'-0"

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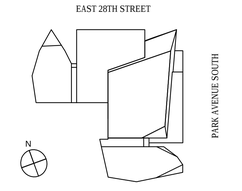
KEY PLAN



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DRAWING TITLE:
44TH, 45TH, & 46TH FLOOR PERIMETER PLANS

DRAWING NO:
A-294.00

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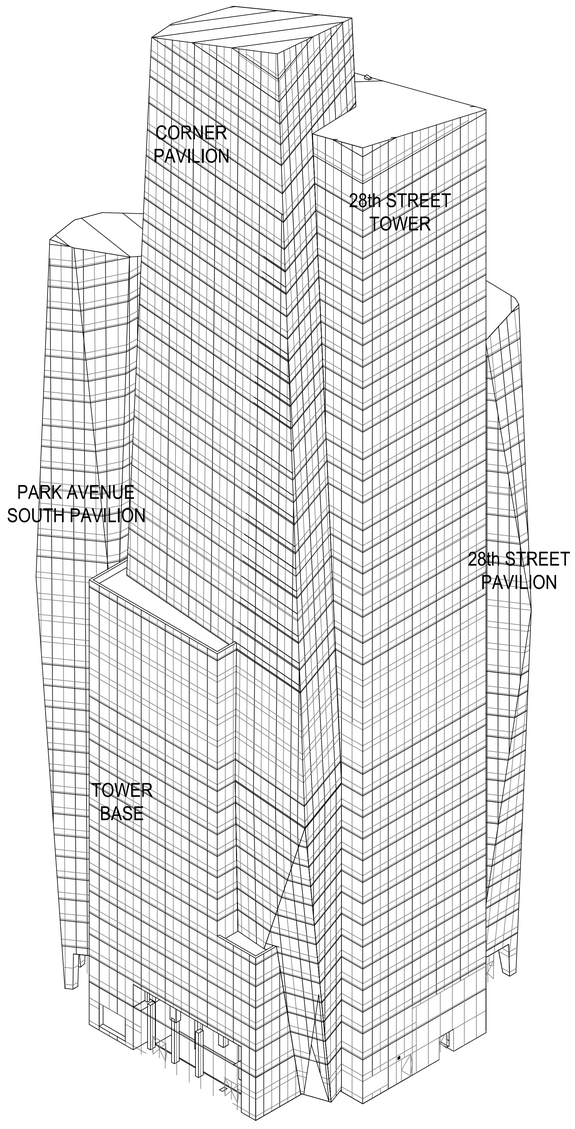

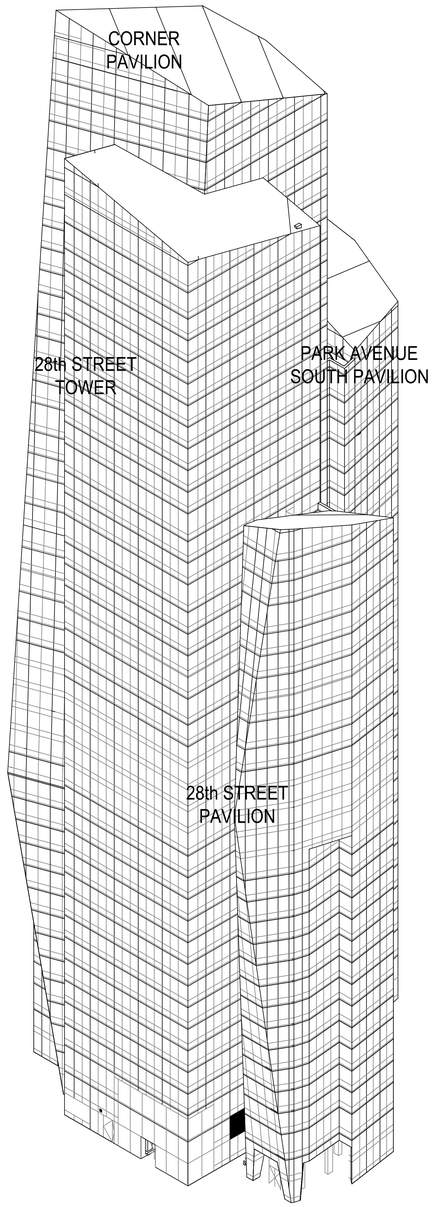

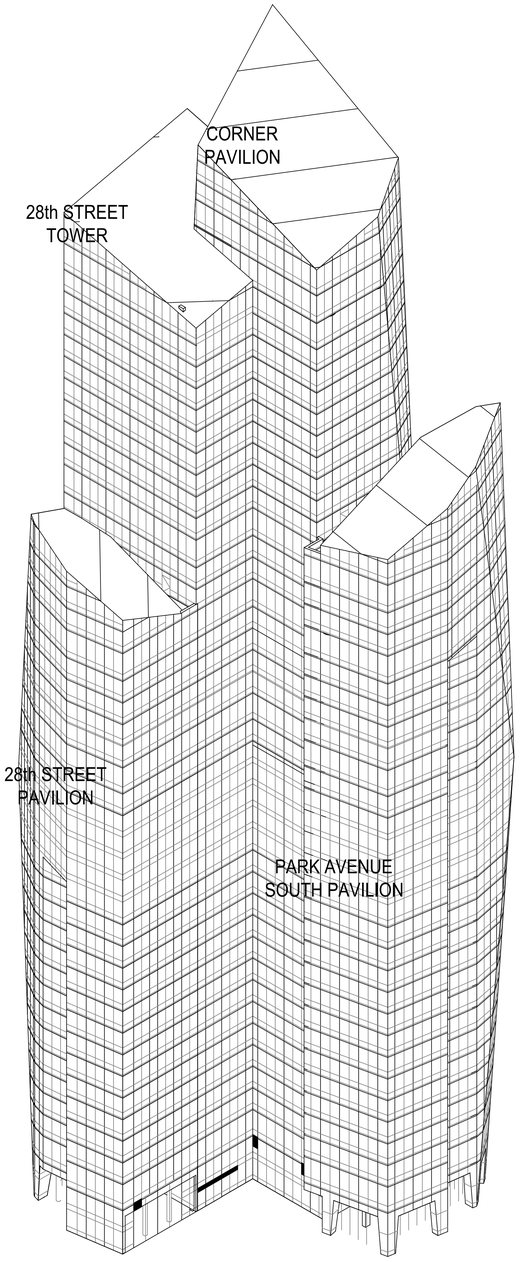

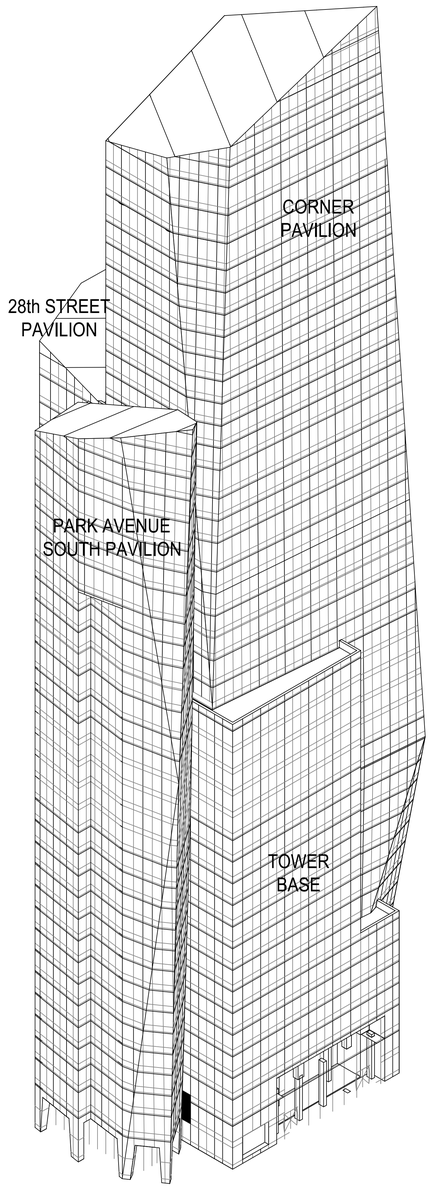

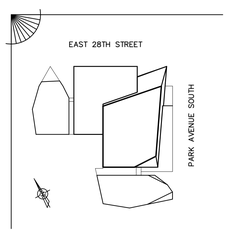

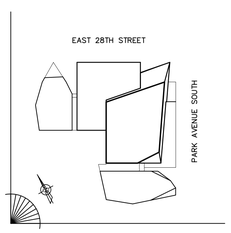

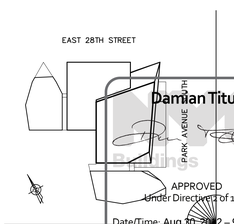

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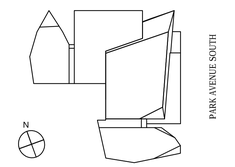
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:

3D VIEWS OF BUILDING ENCLOSURE

DRAWING NO:

A-300.00

NYC DOB NO: 121181808

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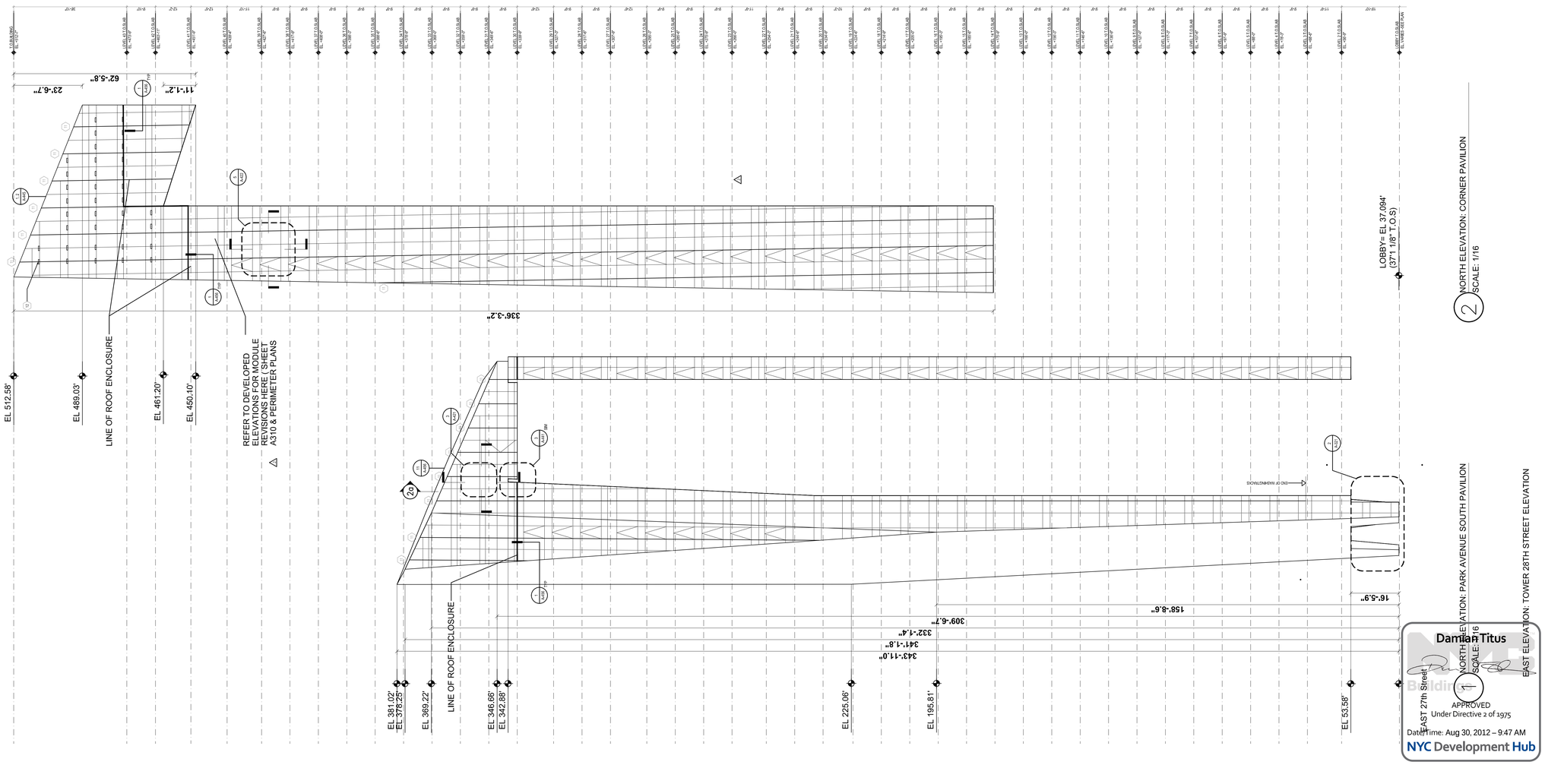
DEPT OF BLDGS121181808 Job Number
E3557728168 Scan Code

KEYED NOTES

LEGEND

CLASS		
GL-1 / GL-3	1	
GL-1 + SHADOW BOX, ALUM-3	2	
GL-2 / GL-4	3	
GL-2 + SHADOW BOX, ALUM-3	4	
GL-11 (STORE FRONT)	8	
GL-9	12	
GL-10	13	
ALUMINUM PANELS		
ALUM-4	5	
ALUM-1	6	
ALUM-2	7	
LOUVERS		
LOUVER	9	
ROOFING		
MTL-4	10	
MISCELLANEOUS		
WASHING TRACKS	11	
TOWER LIGHTING FIXTURE TYPE XA	12	
TOWER LIGHTING FIXTURE TYPE XB	13	
OPERABLE WINDOW		
SIMULATED ACID ETCH	SAE	
OPERABLE DOOR		



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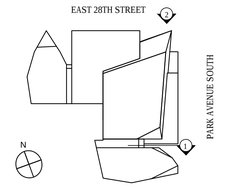
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
NORTH ELEVATIONS

DRAWING NO:
A301.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
ES728724103 Scan Code

KEYED NOTES

LEGEND

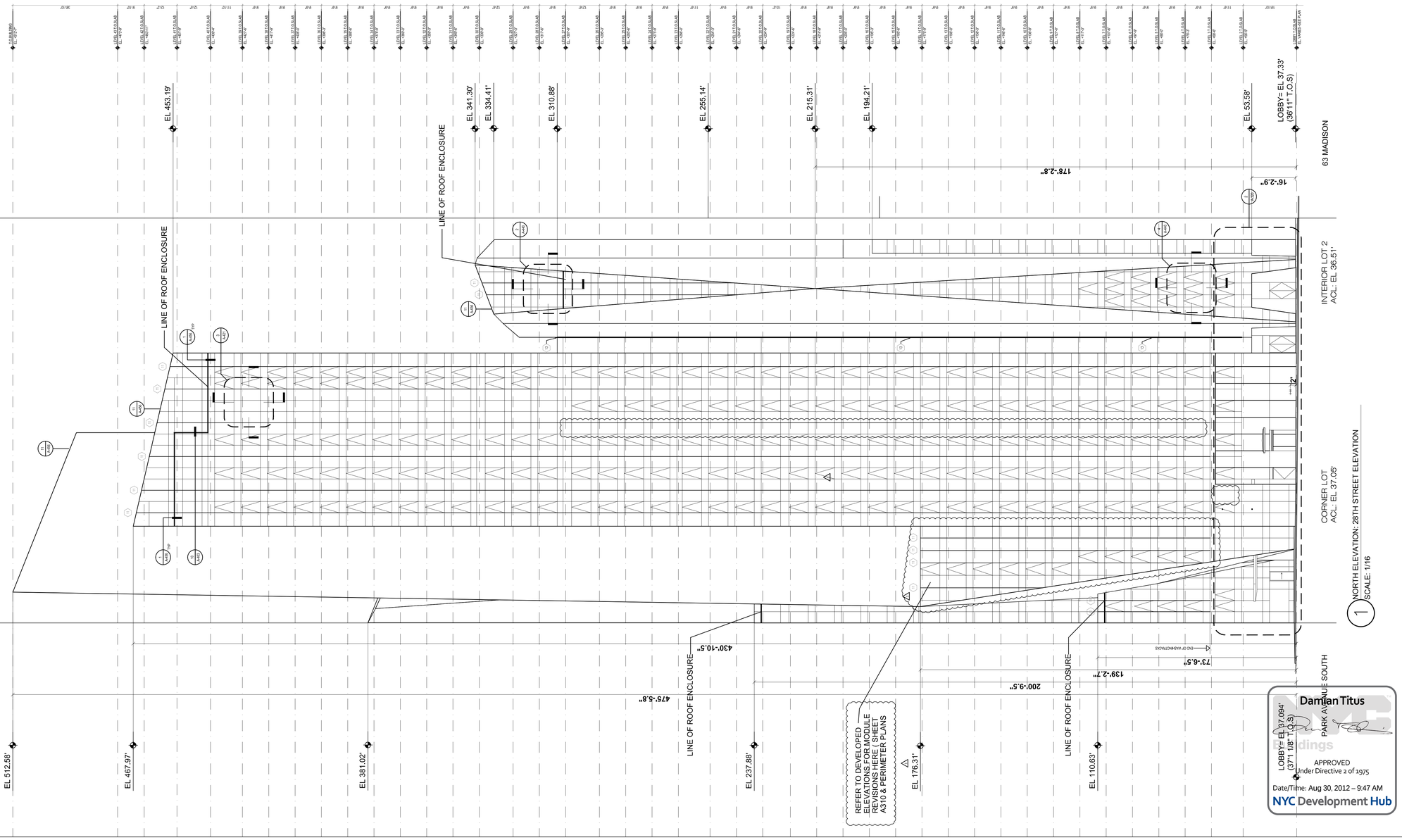
GLASS
GL-1 / GL-3
GL-1 + SHADOW BOX, ALUM-3
GL-2 / GL-4
GL-2 + SHADOW BOX, ALUM-3
GL-11 (STORE FRONT)
GL-9
GL-10

ALUMINUM PANELS
ALUM-4
ALUM-1
ALUM-2

LOUVERS
LOUVER

ROOFING
MTL-4

MISCELLANEOUS
WASHING TRACKS
TOWER LIGHTING FIXTURE TYPE XA
TOWER LIGHTING FIXTURE TYPE XB
OPERABLE WINDOW
SIMULATED ACID ETCH
SAE
OPERABLE DOOR



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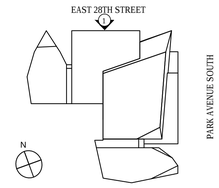
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.08.12	ASI 023

KEY PLAN



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PROJECT NO: 874
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DRAWING TITLE:
NORTH ELEVATIONS

DRAWING NO:
A-302.00

NYC DOB NO: 121181808

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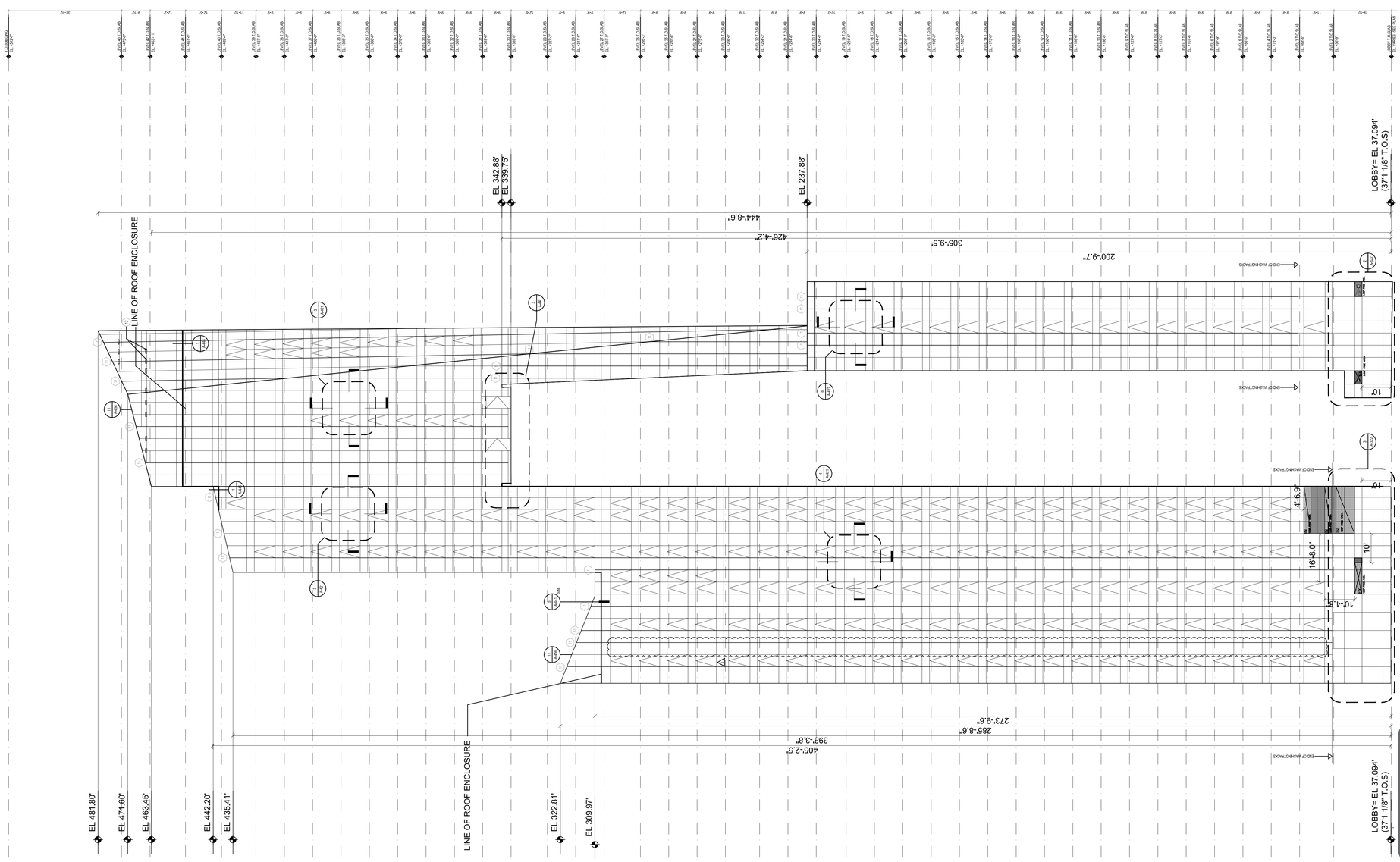
ES2202213G2 Scan Code

KEYED NOTES

LEGEND

CLASS	
GL-1 / GL-3	1
GL-1 + SHADOW BOX, ALUM-3	2
GL-2 / GL-4	3
GL-2 + SHADOW BOX, ALUM-3	4
GL-11 (STORE FRONT)	8
GL-9	12
GL-10	13
ALUMINUM PANELS	
ALUM-4	5
ALUM-1	6
ALUM-2	7
LOUVERS	
LOUVER	9
ROOFING	
MTL-4	10
MISCELLANEOUS	
WASHING TRACKS	11
TOWER LIGHTING FIXTURE TYPE XA	12
TOWER LIGHTING FIXTURE TYPE XB	13
OPERABLE WINDOW	
SIMULATED ACID ETCH	SAE
OPERABLE DOOR	



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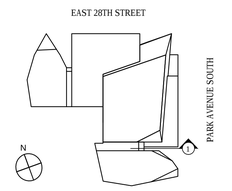
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
SOUTH ELEVATIONS

DRAWING NO:
A-303.00

NYC DOB NO: 121181808

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ES1903372761 Scan Code

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KEYED NOTES

LEGEND

CLASS	
1	GL-1 / GL-3
2	GL-1 + SHADOW BOX, ALUM-3
3	GL-2 / GL-4
4	GL-2 + SHADOW BOX, ALUM-3
8	GL-11 (STORE FRONT)
12	GL-9
13	GL-10
ALUMINUM PANELS	
5	ALUM-4
6	ALUM-1
7	ALUM-2
LOUVERS	
9	LOUVER
ROOFING	
10	MTL-4
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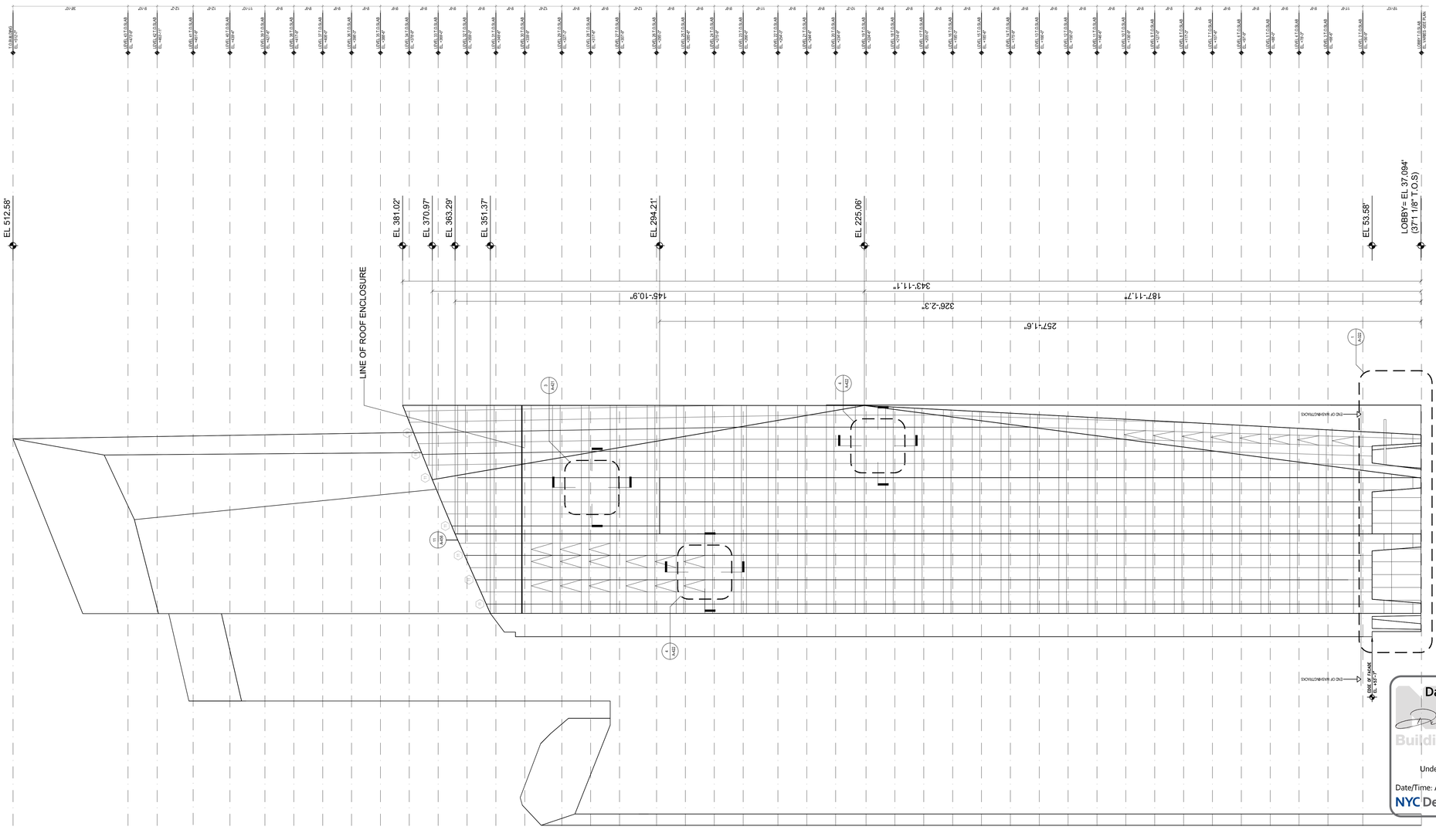

SOUTH ELEVATION: PARK AVE SOUTH PAVILION
SCALE: 1/16

1

Damian Titus

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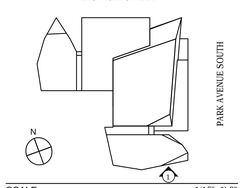
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
SOUTH ELEVATIONS

DRAWING NO:
A-304.00

NYC DOB NO: 121181808

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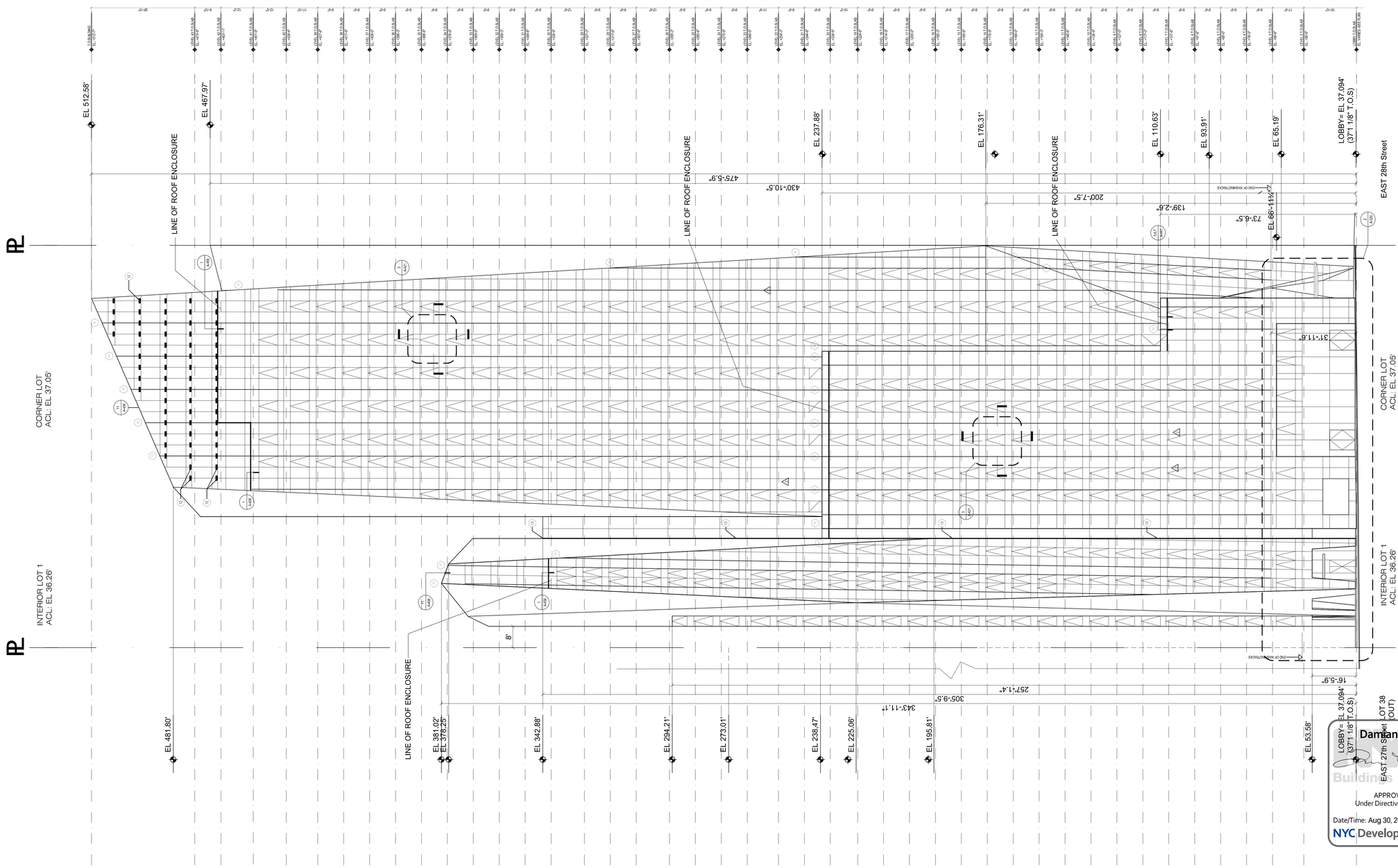
ES879023947 Scan Code

400PAS

KEYED NOTES

LEGEND

GLASS	GL-1 / GL-3	1
	GL-1 + SHADOW BOX, ALUM-3	2
	GL-2 / GL-4	3
	GL-2 + SHADOW BOX, ALUM-3	4
	GL-11 (STORE FRONT)	8
	GL-9	12
	GL-10	13
ALUMINUM PANELS	ALUM-4	5
	ALUM-1	6
	ALUM-2	7
LOUVERS	LOUVER	9
ROOFING	MTL-4	10
MISCELLANEOUS	WASHING TRACKS	11
	TOWER LIGHTING FIXTURE TYPE XA	12
	TOWER LIGHTING FIXTURE TYPE XB	13
	OPERABLE WINDOW	
SIM.	SIMULATED ACID ETCH	
	OPERABLE DOOR	



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SCALE: 1/16

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1	08.08.12	ASI 023

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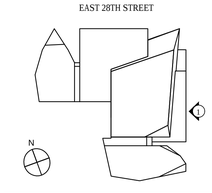

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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
EAST ELEVATIONS

DRAWING NO:
A-305.00

NYC DOB NO: 121181808

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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:47 AM
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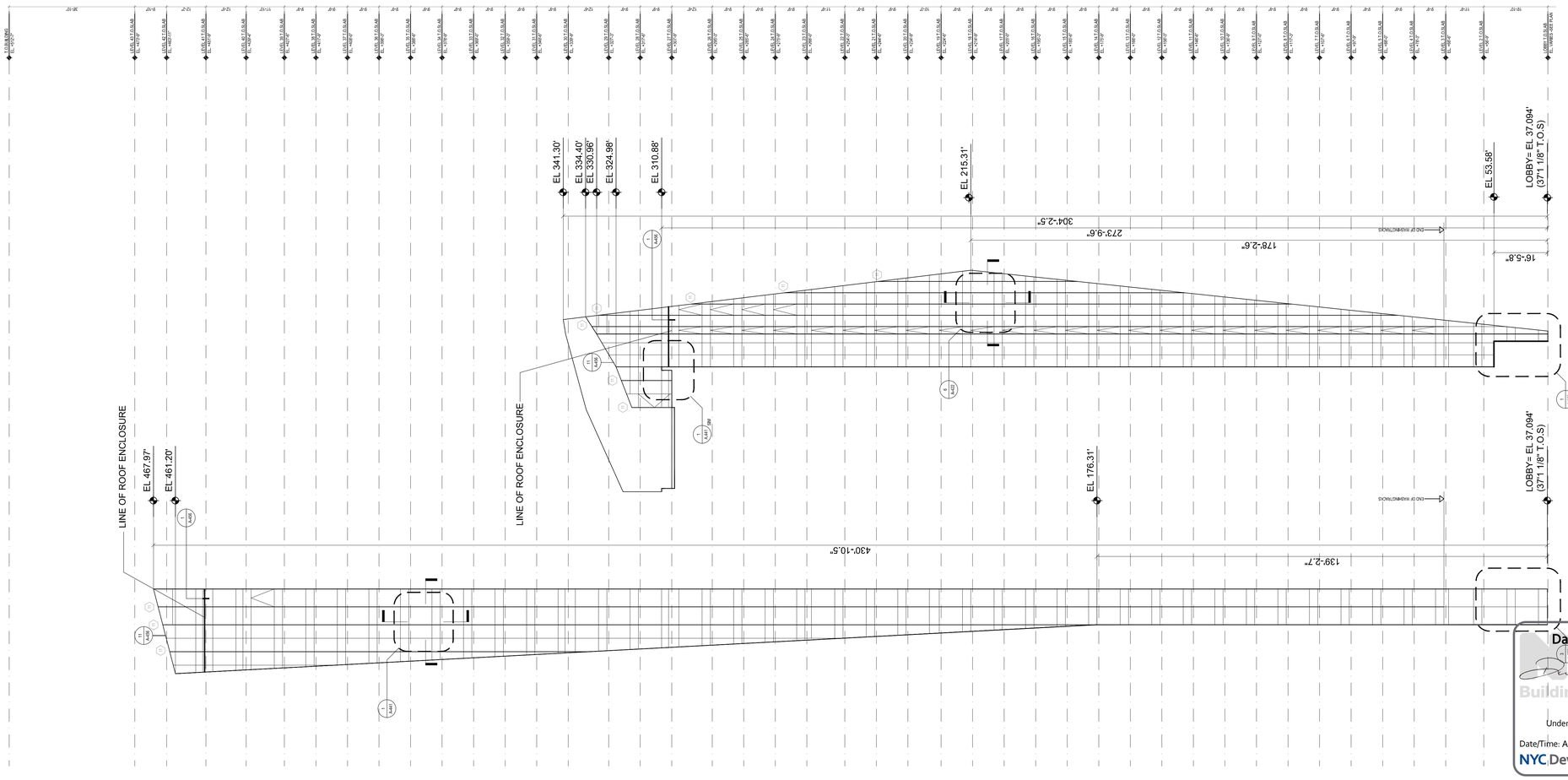
ES803133750 Scan Code

KEYED NOTES

LEGEND

GLASS	GL-1 / GL-3	GL-1 + SHADOW BOX, ALUM-3	GL-2 / GL-4	GL-2 + SHADOW BOX, ALUM-3	GL-11 (STORE FRONT)	GL-9	GL-10	ALUMINUM PANELS	ALUM-4	ALUM-1	ALUM-2	LOUVERS	LOUVER
	1	2	3	4	8	12	13		5	6	7		9

ROOFING	MTL-4	MISCELLANEOUS	WASHING TRACKS	TOWER LIGHTING FIXTURE TYPE XA	TOWER LIGHTING FIXTURE TYPE XB	OPERABLE WINDOW	SIMULATED ACID ETCH	OPERABLE DOOR					
	10		11	12	13		SAE						



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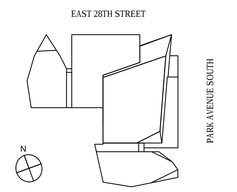

SCALE:

PROJECT NO: 874

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DRAWING TITLE:

EAST ELEVATIONS

DRAWING NO:

A-306.00

NYC DOB NO: 121181808

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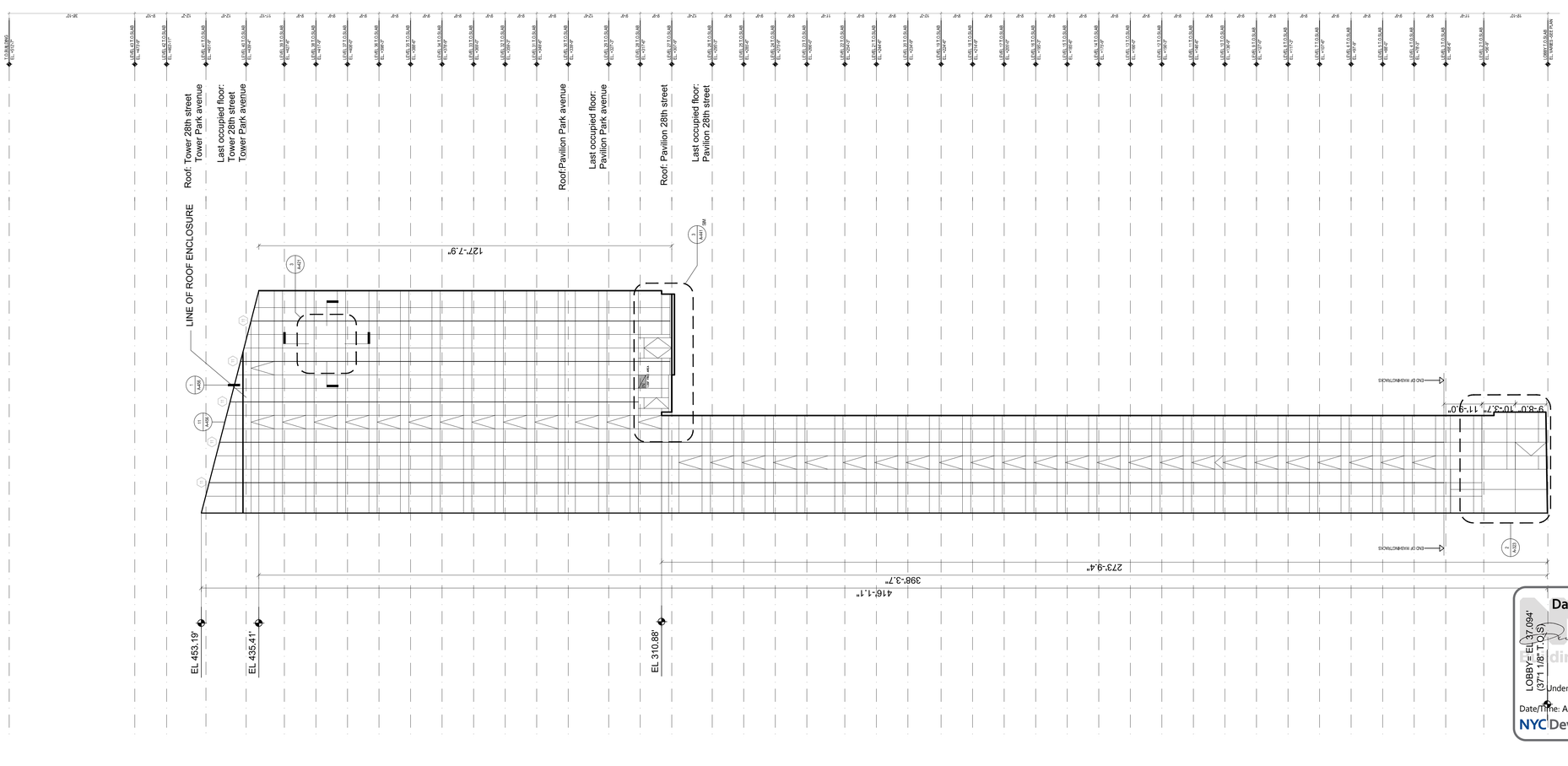
ES1010139363 Scan Code

KEYED NOTES

LEGEND

GLASS	
GL-1 / GL-3	1
GL-1 + SHADOW BOX, ALUM-3	2
GL-2 / GL-4	3
GL-2 + SHADOW BOX, ALUM-3	4
GL-11 (STORE FRONT)	8
GL-9	12
GL-10	13
ALUMINUM PANELS	
ALUM-4	5
ALUM-1	6
ALUM-2	7
LOUVERS	
LOUVER	9
ROOFING	
MTL-4	10
MISCELLANEOUS	
WASHING TRACKS	11
TOWER LIGHTING FIXTURE TYPE XA	12
TOWER LIGHTING FIXTURE TYPE XB	13
OPERABLE WINDOW	
SIMULATED ACID ETCH	SAE
OPERABLE DOOR	



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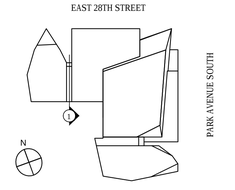
KEY PLAN



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SEAL & SIGNATURE

DRAWING TITLE:
WEST ELEVATIONS

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A-307.00

NYC DOB NO: 121181808

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ES9763267D3 Scan Code

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KEYED NOTES

LEGEND

GLASS
1 GL-1 / GL-3
2 GL-1 + SHADOW BOX, ALUM-3
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4 GL-2 + SHADOW BOX, ALUM-3
8 GL-11 (STORE FRONT)
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13 GL-10

ALUMINUM PANELS
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7 ALUM-2

LOUVERS
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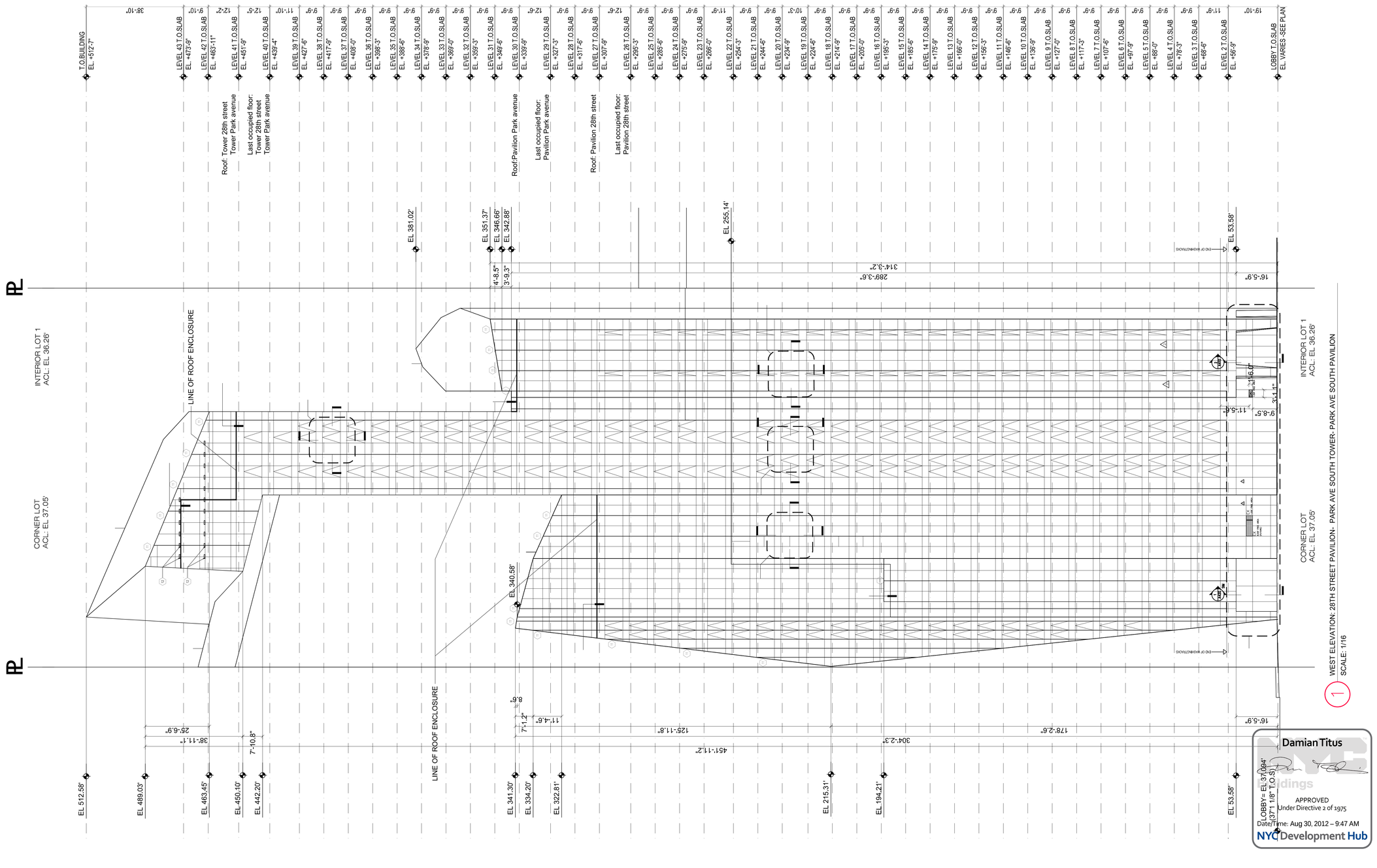

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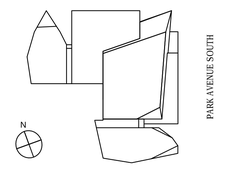

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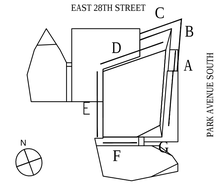
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
1	08.08.12	ASI 023

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:
DEVELOPED ELEV.
CORNER PAVILION

DRAWING NO:
A-310.00

NYC DOB NO: 121181808

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 9:47 AM
NYC Development Hub

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EXTERIOR WALL SYMBOL LEGEND

GLASS

1	GL-1 / GL-3 SHGC=0.42 / SHGC=0.26 U=0.31 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VRE1-59
2	GL-1 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VRE1-59
3	GL-2 / GL-4 SHGC=0.32 / SHGC=0.27 U=0.42 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VE1-55
4	GL-2 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VE1-55
8	GL-11 (STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
8A	GL-11A (CONDO STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
13	GL-13 (RESIDENTIAL CORRIDOR) U=0.5, SHGC=0.4	

ALUMINUM PANELS

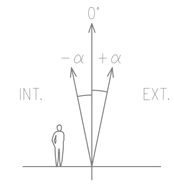
5	ALUM-4	INSOLATED PANEL PAINTED ALUMINUM
6	ALUM-1	WAVY PROFILE
7	ALUM-2	COMPOSITE PANEL-ALUMINUM SHEET ALUCOBOND OR EQUAL

LOUVERS

9	LOUVER	

MISCELLANEOUS

11	WASHING TRACKS
	OPERABLE WINDOW



FOR FRIT PATTERNS REFFER TO DRAWINGS A-456/ A-457

FRIT TYPE 1	FRIT TYPE 1 +SPANDREL	FRIT TYPE 5
FRIT TYPE 2	FRIT TYPE 2 +SPANDREL	FRIT TYPE 6 NOT IN USE
FRIT TYPE 3	FRIT TYPE 4	FRIT TYPE 7

EXTERIOR WALL GENRAL NOTES

1. ELEVATION DATUM ARE FOR REFERENCE ONLY AND DO NOT CORRESPOND TO ACTUAL FLOOR LOCATIONS
2. FOR SUBWAY ENTRANCE ELEVATIONS REFER TO A-350-355
3. FOR FRIT PATTERNS SEE A-456, A-457

EXTERIOR GLASS FINISHES:

GL-1 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-2 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VE 1-55 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-3 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-4 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-6 WHITE TRANSLUCENT GLASS WITH LAMINATED PVB BOARD. BY TSI EXTERIOR WALL SYSTEMS OR APPROVED EQUAL.

GL-8 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
WHITE COLOR 100% COVERAGE ON SURFACE 2.

GL-9 1/2" CLEAR LAMINATED GLASS.

GL-11 MANUFACTURED BY VIRACON OR APPROVED EQUAL:

1" INSULATED GLASS UNIT VIRACON VE 15-42 CONSISTING OF:
1/4" TEMPERED ULTRA WHITE INBOARD LITE
1/2" AIR SPACE
1/4" TEMPERED ULTRA WHITE OUTBOARD LITE

GL-11A SAME AS GL-11 EXCEPT OUTER PANE TO BE 3/8" THICK WITH ROUTED PERIMETER TO RECEIVE FLUSH PRESSURE PLATE

GL-13 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59
SINGLE LITE FROM SLAB TO SLAB
TEMPERED 1/4" INBOARD LITE
1/2" AIR SPACE
TEMPERED 1/4" OUTBOARD LITE
WITH SIMULATED SANDBLAST CERAMIC FRIT PATTERN ON SURFACE 2
SEE DWG 4/A456

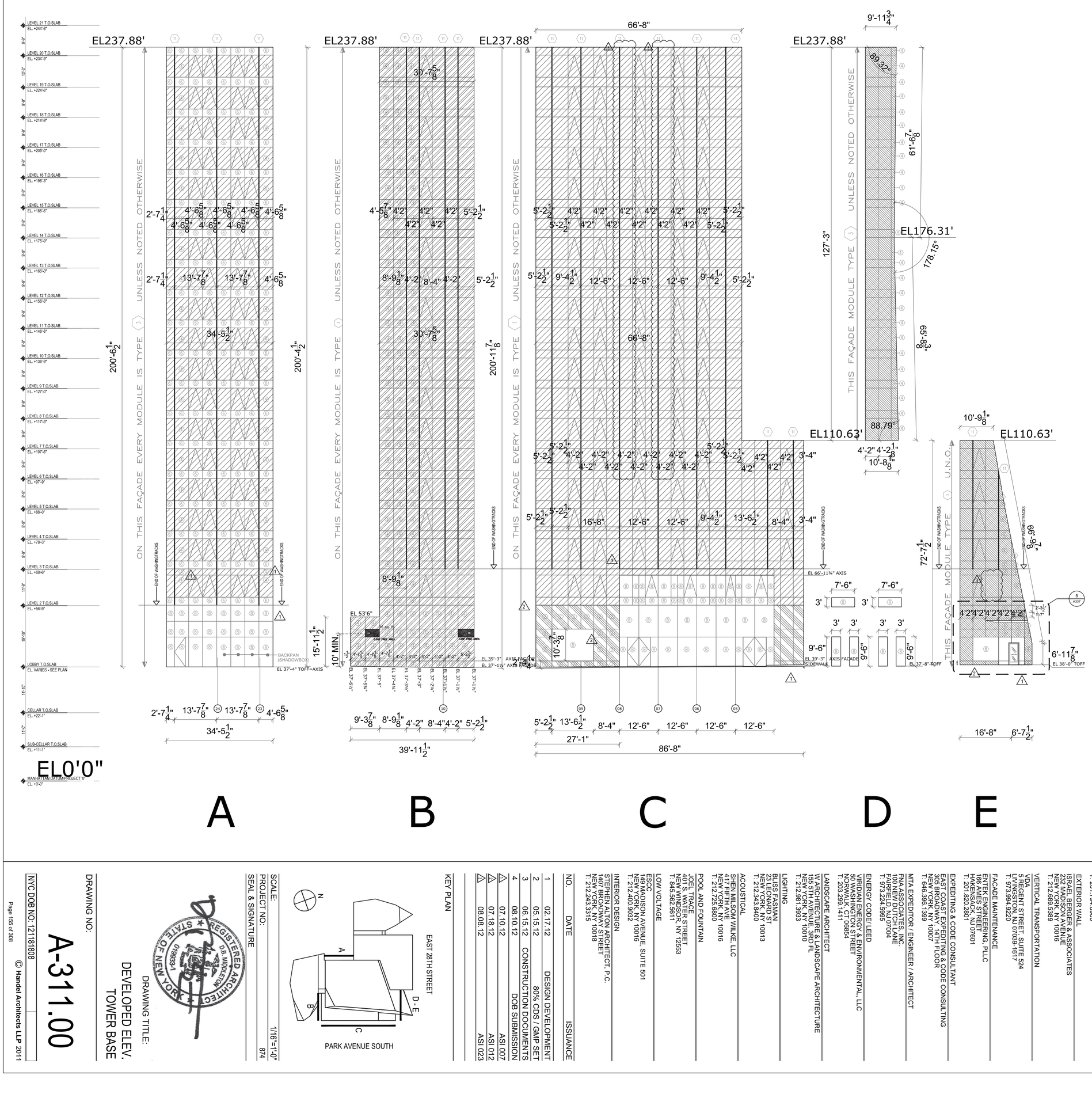
GL-16- 1/4" TEMPERED SILVER GLASS MIRROR BY BENDHEIM OR APPROVED EQUAL

EXTERIOR ALUMINUM FINISHES:

ALUM-1 (WAVY PANELS) INSULATED CORRUGAR0TED ALUMINUM PANELS WITH CURTAIN WALL FACADE CLEAR ANODIZED FINISH
ALUM-2 ALUCOBOND PANELS OR EQUAL COLOR: BM 2139-50 HIGH GLOSS
ALUM-3 PAINTED ALUMINUM SHEET WITHIN SHADOW BOX COLOR: BM 0C-64 PURE WHITE PEARL
ALUM-4 INSULATED ALUMINUM PANELS WITH CURTAIN WALL FACADE COLOR: BM 2139-50 HIGH GLOSS

CURTAIN MULLIONS

1. TOWER MULLIONS INTERIOR COLOR TO BE SELECTED BY ARCHITECT
2. TOWER MULLIONS EXTERIOR TRIM FINISH TO BE CLEAR ANODIZED FINISH
3. STOREFRONT MULLIONS COLOR:BM OC-64 PURE WHITE SATIN FINISH
4. INTERIOR AND EXTERIOR
5. CONDO LOBBY MULLIONS FINISH: STAINLESS STEEL FINISH 2B INTERIOR AND EXTERIOR



KEY PLAN

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2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
△1	07.10.12	ASI 007
△2	07.18.12	ASI 012
△3	08.08.12	ASI 023

SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
DEVELOPED ELEV.
TOWER BASE

DRAWING NO:
A-311.00

NYC DOB NO: 121181808

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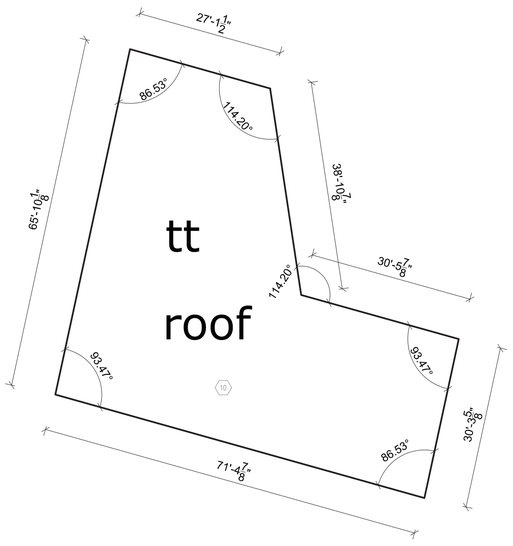
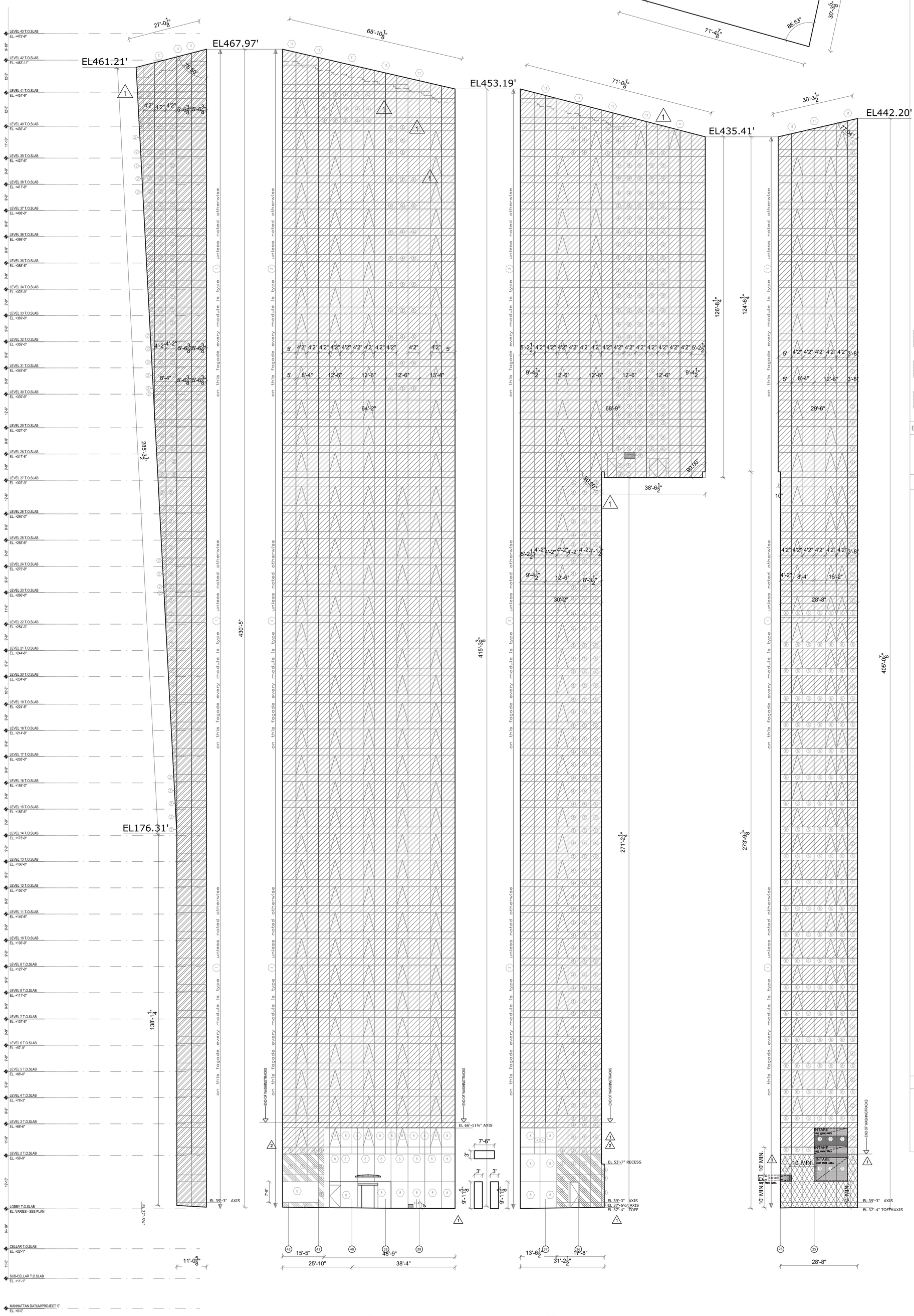




EXTERIOR WALL SYMBOLE LEGEND

GLASS

1	GL-1 / GL-3 SHGC=0.42 / SHGC=0.26 U=0.31 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VRE1-59
2	GL-1 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VRE1-59
3	GL-2 / GL-4 SHGC=0.32 / SHGC=0.27 U=0.42 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VE1-55
4	GL-2 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VE1-55
8	GL-11 (STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
8A	GL-11A (CONDO STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
13	GL-13 (RESIDENTIAL CORRIDOR) U=0.5, SHGC=0.4	

ALUMINUM PANELS

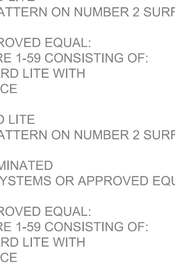
5	ALUM-4	INSOLATED PANEL PAINTED ALUMINUM
6	ALUM-1	WAVY PROFILE
7	ALUM-2	COMPOSITE PANEL-ALUMINUM SHEET ALUCOBOND OR EQUAL

LOUVERS

9	LOUVER	

MISCELLANEOUS

11	WASHING TRACKS
	OPERABLE WINDOW



FOR FRIT PATTERNS REFFER TO DRAWINGS A-456/ A-457

FRIT TYPE 1	FRIT TYPE 1 +SPANDREL	FRIT TYPE 5
FRIT TYPE 2	FRIT TYPE 2 +SPANDREL	FRIT TYPE 6 NOT IN USE
FRIT TYPE 3	FRIT TYPE 4	FRIT TYPE 7

EXTERIOR WALL GENRAL NOTES

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2. FOR SUBWAY ENTRANCE ELEVATIONS REFER TO A-350-355
3. FOR FRIT PATTERNS SEE A-456, A-457

EXTERIOR GLASS FINISHES:

GL-1 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-2 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VE 1-55 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-3 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-4 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-6 WHITE TRANSLUCENT GLASS WITH LAMINATED
PVB BOARD. BY TSI EXTERIOR WALL SYSTEMS OR APPROVED EQUAL.

GL-8 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
WHITE COLOR 100% COVERAGE ON SURFACE 2.

GL-9 1/2" CLEAR LAMINATED GLASS.

GL-11 MANUFACTURED BY VIRACON OR APPROVED EQUAL:

1" INSULATED GLASS UNIT VIRACON VE 15-42 CONSISTING OF:
1/4" TEMPERED ULTRA WHITE INBOARD LITE
1/2" AIR SPACE
1/4" TEMPERED ULTRA WHITE OUTBOARD LITE

GL-11A SAME AS GL-11 EXCEPT OUTER PANE TO BE 3/8" THICK WITH ROUTED PERIMETER TO RECEIVE FLUSH PRESSURE PLATE

GL-13 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59
SINGLE LITE FROM SLAB TO SLAB
TEMPERED 1/4" INBOARD LITE
1/2" AIR SPACE
TEMPERED 1/4" OUTBOARD LITE
WITH SIMULATED SANDBLAST CERAMIC FRIT PATTERN ON SURFACE 2
SEE DWG 4/A456

GL-16- 1/4" TEMPERED SILVER GLASS MIRROR BY BENDHEIM OR APPROVED EQUAL

EXTERIOR ALUMINUM FINISHES:

ALUM-1 (WAVY PANELS) INSULATED CORRUGAR0TED ALUMINUM PANELS WITH CURTAIN WALL FACADE CLEAR ANODIZED FINISH
ALUM-2 ALUCOBOND PANELS OR EQUAL COLOR: BM 2139-50 HIGH GLOSS
ALUM-3 PAINTED ALUMINUM SHEET WITHIN SHADOW BOX COLOR: BM 0C-64 PURE WHITE PEARL
ALUM-4 INSULATED ALUMINUM PANELS WITH CURTAIN WALL FACADE COLOR: BM 2139-50 HIGH GLOSS

CURTAIN MULLIONS

1. TOWER MULLIONS INTERIOR COLOR TO BE SELECTED BY ARCHITECT
2. TOWER MULLIONS EXTERIOR TRIM FINISH TO BE CLEAR ANODIZED FINISH
3. STOREFRONT MULLIONS COLOR:BM OC-64 PURE WHITE SATIN FINISH
4. INTERIOR AND EXTERIOR
5. CONDO LOBBY MULLIONS FINISH: STAINLESS STEEL FINISH 2B INTERIOR AND EXTERIOR

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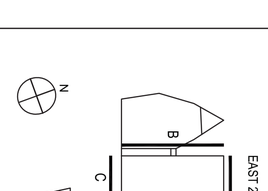
KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
DEVELOPED ELEV.
28TH ST. TOWER

DRAWING NO:
A-312.00

NYC DOB NO: 121181808

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DEPT OF BLDGS 121181808 Job Number
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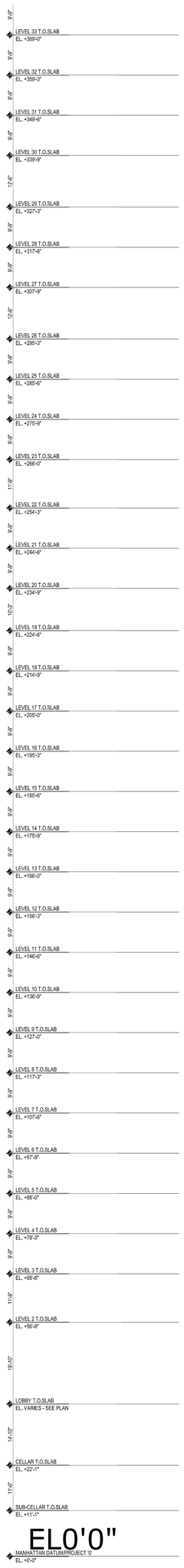

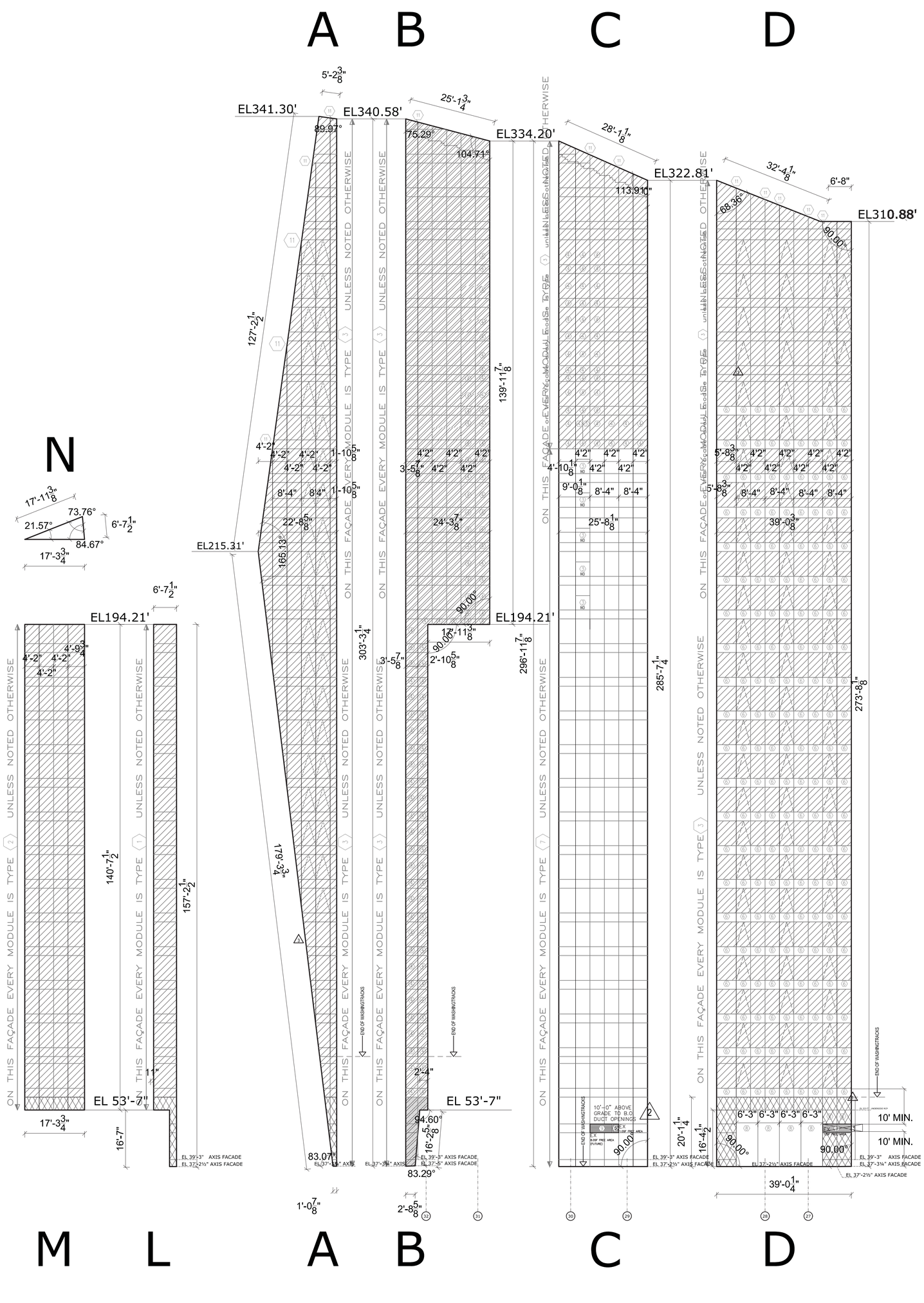
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C
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EL340.58'
EL334.20'
EL322.81'
EL310.88'
EL215.31'
EL194.21'
EL194.21'
EL 53'-7"
EL 53'-7"
89.97°
75.29°
104.71°
113.91°
68.36°
90.00°
90.00°
90.00°
105.13°
83.07°
83.29°
94.60°
25'-1 3/4"
28'-1 1/8"
32'-4 1/8"
6'-8"
6'-7 1/2"
5'-2 3/8"
17'-11 3/8"
17'-3 3/4"
21.57°
73.76°
84.67°
127'-2 1/2"
139'-11 7/8"
303'-3 1/4"
296'-11 7/8"
285'-7 1/4"
273'-8 1/8"
179'-3 3/4"
157'-2 1/2"
140'-7 1/2"
17'-11 3/8"
2'-10 5/8"
3'-5 7/8"
24'-3 7/8"
22'-8 5/8"
25'-8 1/8"
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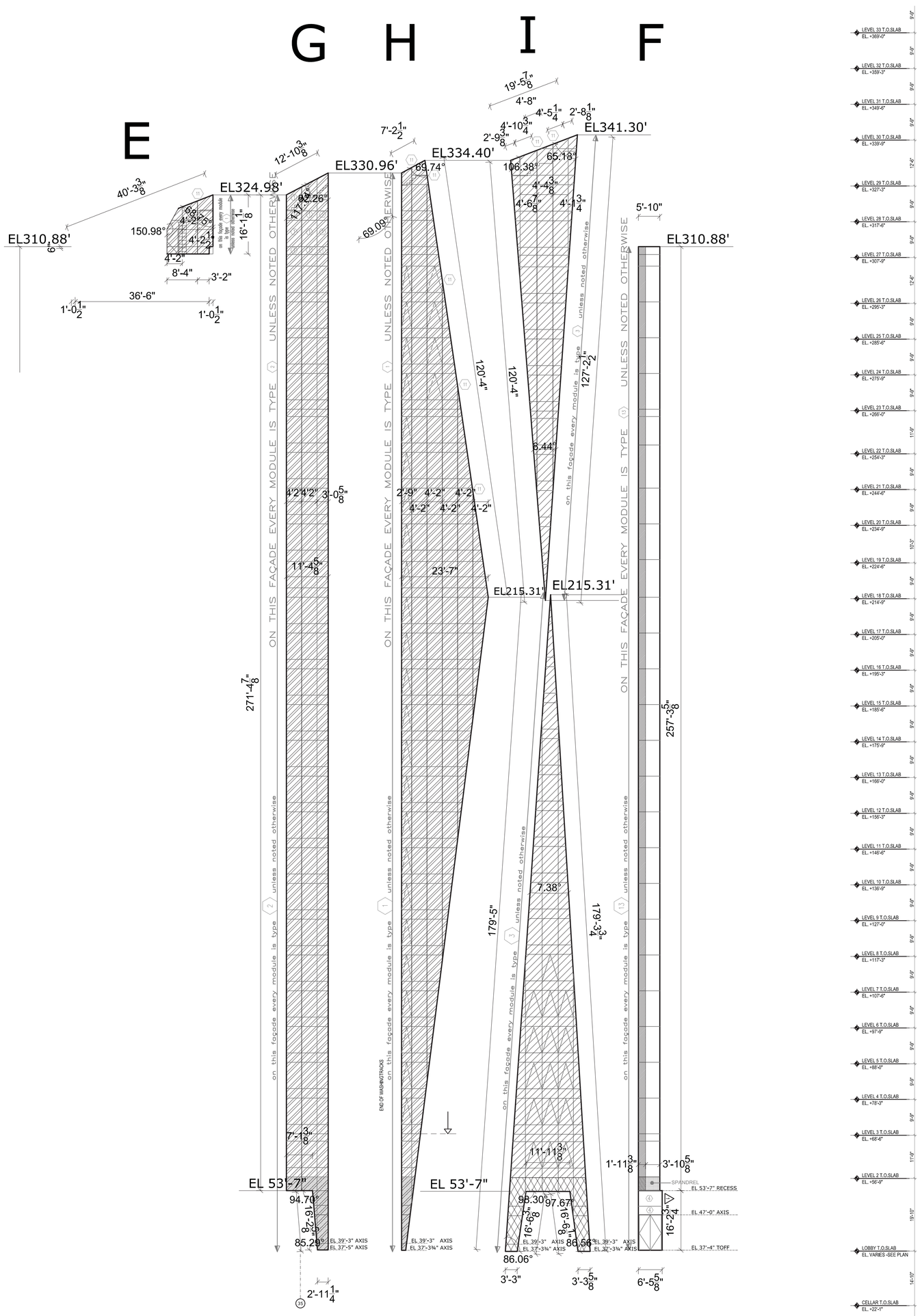
5'-8 3/8"
5'-8 3/8"
4'-2"
4'-2"
4'-2



EXTERIOR WALL SYMBOLE LEGEND

GLASS

1	GL-1 / GL-3 SHGC=0.42 / SHGC=0.26 U=0.31 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VRE1-59
2	GL-1 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VRE1-59
3	GL-2 / GL-4 SHGC=0.32 / SHGC=0.27 U=0.42 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VE1-55
4	GL-2 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VE1-55
8	GL-11 (STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
8A	GL-11A (CONDO STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
13	GL-13 (RESIDENTIAL CORRIDOR) U=0.5, SHGC=0.4	

ALUMINUM PANELS

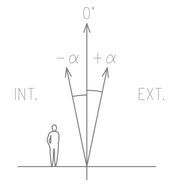
5	ALUM-4	INSOLATED PANEL PAINTED ALUMINUM
6	ALUM-1	WAVY PROFILE
7	ALUM-2	COMPOSITE PANEL-ALUMINUM SHEET ALUCOBOND OR EQUAL

LOUVERS

9	LOUVER	

MISCELLANEOUS

11	WASHING TRACKS	
	OPERABLE WINDOW	



FOR FRIT PATTERNS REFFER TO DRAWINGS A-456/ A-457

- FRIT TYPE 1
- FRIT TYPE 1 +SPANDREL
- FRIT TYPE 5
- FRIT TYPE 2
- FRIT TYPE 2 +SPANDREL
- FRIT TYPE 6 NOT IN USE
- FRIT TYPE 3
- FRIT TYPE 4
- FRIT TYPE 7

EXTERIOR WALL GENRAL NOTES

1. ELEVATION DATUM ARE FOR REFERENCE ONLY AND DO NOT CORRESPOND TO ACTUAL FLOOR LOCATIONS
2. FOR SUBWAY ENTRANCE ELEVATIONS REFER TO A-350-355
3. FOR FRIT PATTERNS SEE A-456, A-457

EXTERIOR GLASS FINISHES:

GL-1 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-2 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VE 1-55 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-3 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-4 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-6 WHITE TRANSLUCENT GLASS WITH LAMINATED
PVB BOARD. BY TSI EXTERIOR WALL SYSTEMS OR APPROVED EQUAL.

GL-8 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
WHITE COLOR 100% COVERAGE ON SURFACE 2.

GL-9 1/2" CLEAR LAMINATED GLASS.

GL-11 MANUFACTURED BY VIRACON OR APPROVED EQUAL:

1" INSULATED GLASS UNIT VIRACON VE 15-42 CONSISTING OF:
1/4" TEMPERED ULTRA WHITE INBOARD LITE
1/2" AIR SPACE
1/4" TEMPERED ULTRA WHITE OUTBOARD LITE

GL-11A SAME AS GL-11 EXCEPT OUTER PANE TO BE 3/8" THICK WITH ROUTED PERIMETER TO RECEIVE FLUSH PRESSURE PLATE

GL-13 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59
SINGLE LITE FROM SLAB TO SLAB
TEMPERED 1/4" INBOARD LITE
1/2" AIR SPACE
TEMPERED 1/4" OUTBOARD LITE
WITH SIMULATED SANDBLAST CERAMIC FRIT PATTERN ON SURFACE 2
SEE DWG 4/A456

GL-16- 1/4" TEMPERED SILVER GLASS MIRROR BY BENDHEIM OR APPROVED EQUAL

EXTERIOR ALUMINUM FINISHES:

ALUM-1 (WAVY PANELS) INSULATED CORRUGAR0TED ALUMINUM PANELS WITH CURTAIN WALL FACADE CLEAR ANODIZED FINISH
ALUM-2 ALUCOBOND PANELS OR EQUAL COLOR: BM 2139-50 HIGH GLOSS
ALUM-3 PAINTED ALUMINUM SHEET WITHIN SHADOW BOX
COLOR: BM 0C-64 PURE WHITE PEARL
ALUM-4 INSULATED ALUMINUM PANELS WITH CURTAIN WALL FACADE
COLOR: BM 2139-50 HIGH GLOSS

CURTAIN MULLIONS

1. TOWER MULLIONS INTERIOR COLOR TO BE SELECTED BY ARCHITECT
2. TOWER MULLIONS EXTERIOR TRIM FINISH TO BE CLEAR ANODIZED FINISH
3. STOREFRONT MULLIONS COLOR:BM OC-64 PURE WHITE SATIN FINISH
4. INTERIOR AND EXTERIOR
5. CONDO LOBBY MULLIONS FINISH: STAINLESS STEEL FINISH 2B INTERIOR AND EXTERIOR

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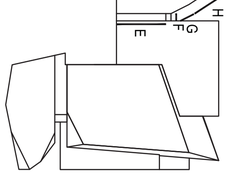
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI.007

KEY PLAN



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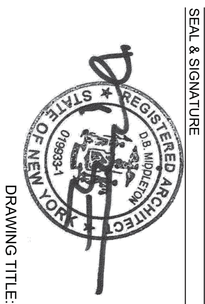

DRAWING TITLE:
DEVELOPED ELEV.
28TH ST. PAVILION

DRAWING NO:
A-314.00

NYC DOB NO: 121181808

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DEPT OF BLDGS 121181808 Job Number
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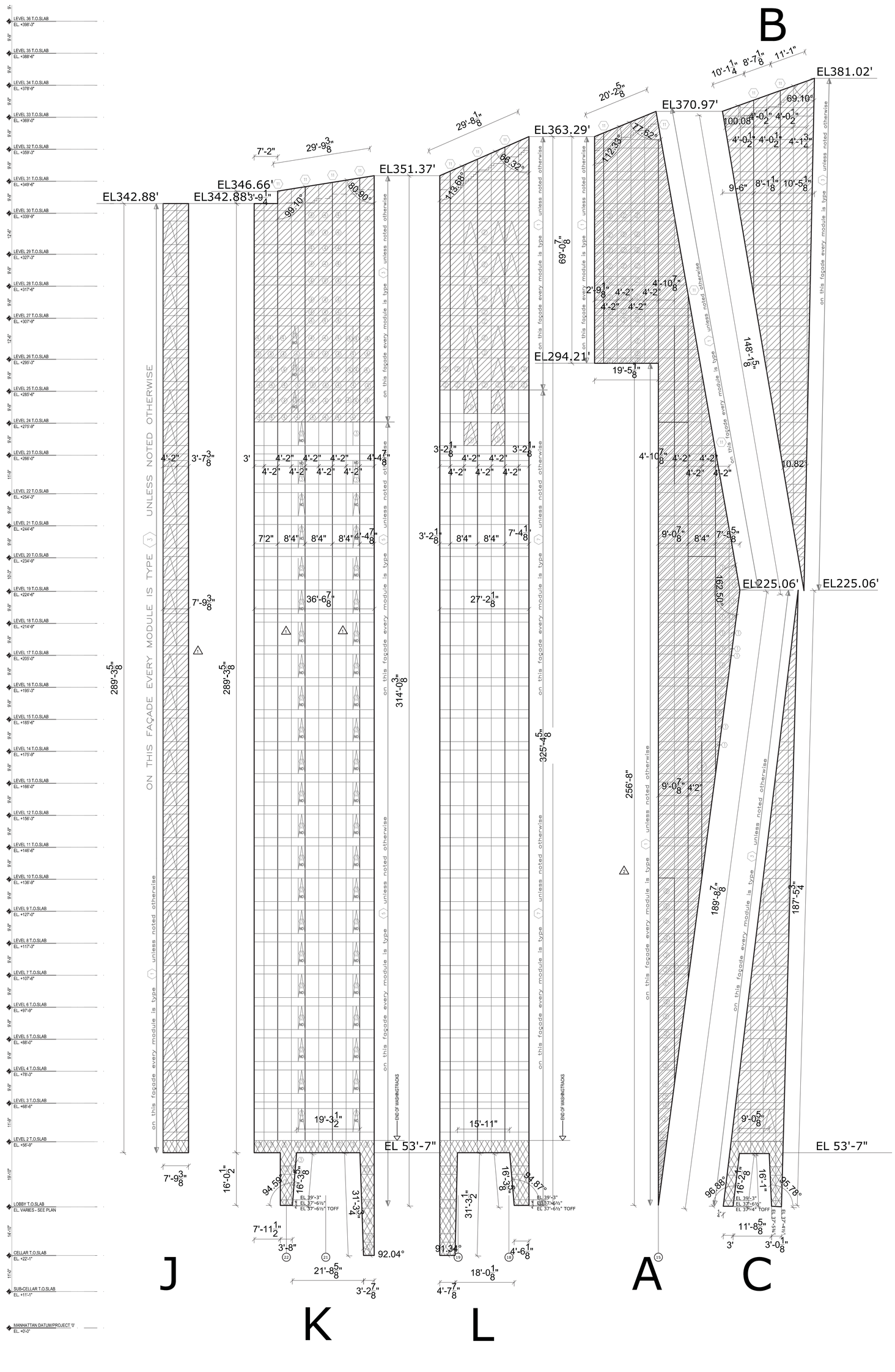


EXTERIOR WALL SYMBOLE LEGEND

GLASS

1	GL-1 / GL-3 SHGC=0.42 / SHGC=0.26 U=0.31 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VRE1-59
2	GL-1 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VRE1-59
3	GL-2 / GL-4 SHGC=0.32 / SHGC=0.27 U=0.42 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VE1-55
4	GL-2 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VE1-55
8	GL-11 (STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
8A	GL-11A (CONDO STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
13	GL-13 (RESIDENTIAL CORRIDOR) U=0.5, SHGC=0.4	

ALUMINUM PANELS

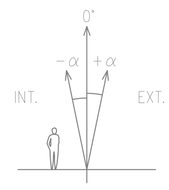
5	ALUM-4	INSOLATED PANEL PAINTED ALUMINUM
6	ALUM-1	WAVY PROFILE
7	ALUM-2	COMPOSITE PANEL-ALUMINUM SHEET ALUCOBOND OR EQUAL

LOUVERS

9	LOUVER	

MISCELLANEOUS

11	WASHING TRACKS	
	OPERABLE WINDOW	



FOR FRIT PATTERNS REFFER TO DRAWINGS A-456/ A-457

FRIT TYPE 1	FRIT TYPE 1 +SPANDREL	FRIT TYPE 5
FRIT TYPE 2	FRIT TYPE 2 +SPANDREL	FRIT TYPE 6 NOT IN USE
FRIT TYPE 3	FRIT TYPE 4	FRIT TYPE 7

EXTERIOR WALL GENRAL NOTES

1. ELEVATION DATUM ARE FOR REFERENCE ONLY AND DO NOT CORRESPOND TO ACTUAL FLOOR LOCATIONS
2. FOR SUBWAY ENTRANCE ELEVATIONS REFER TO A-350-355
3. FOR FRIT PATTERNS SEE A-456, A-457

EXTERIOR GLASS FINISHES:

GL-1 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-2 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VE 1-55 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-3 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-4 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-6 WHITE TRANSLUCENT GLASS WITH LAMINATED
PVB BOARD. BY TSI EXTERIOR WALL SYSTEMS OR APPROVED EQUAL.

GL-8 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
WHITE COLOR 100% COVERAGE ON SURFACE 2.

GL-9 1/2" CLEAR LAMINATED GLASS.

GL-11 MANUFACTURED BY VIRACON OR APPROVED EQUAL:

1" INSULATED GLASS UNIT VIRACON VE 15-42 CONSISTING OF:
1/4" TEMPERED ULTRA WHITE INBOARD LITE
1/2" AIR SPACE
1/4" TEMPERED ULTRA WHITE OUTBOARD LITE

GL-11A SAME AS GL-11 EXCEPT OUTER PANE TO BE 3/8" THICK WITH ROUTED PERIMETER TO RECEIVE FLUSH PRESSURE PLATE

GL-13 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59
SINGLE LITE FROM SLAB TO SLAB
TEMPERED 1/4" INBOARD LITE
1/2" AIR SPACE
TEMPERED 1/4" OUTBOARD LITE
WITH SIMULATED SANDBLAST CERAMIC FRIT PATTERN ON SURFACE 2
SEE DWG 4/A456

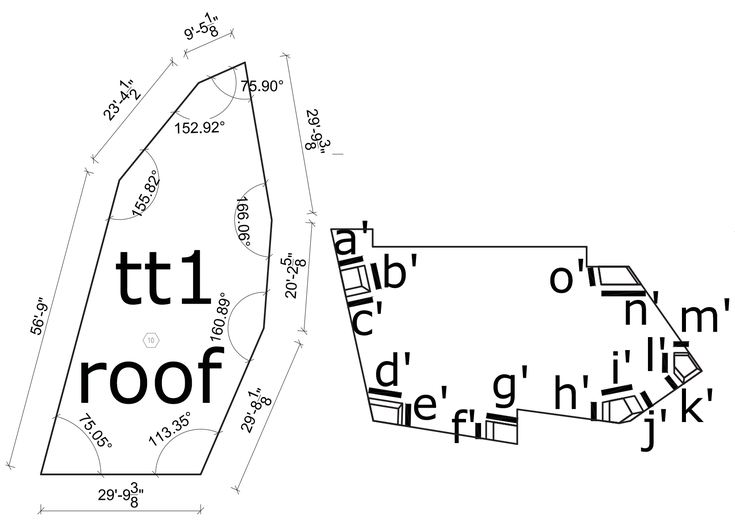
GL-16- 1/4" TEMPERED SILVER GLASS MIRROR BY BENDHEIM OR APPROVED EQUAL

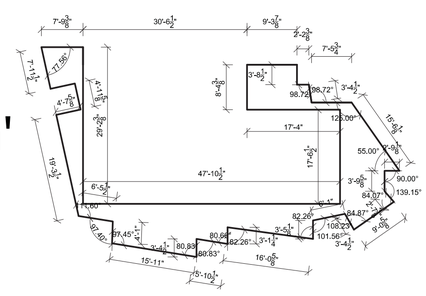
EXTERIOR ALUMINUM FINISHES:

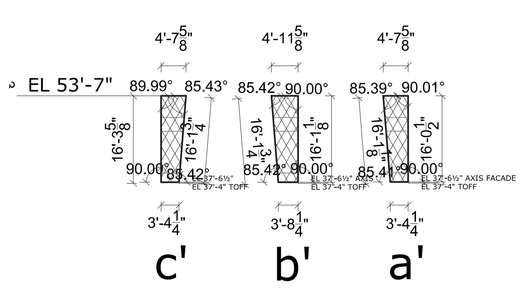
ALUM-1 (WAVY PANELS) INSULATED CORRUGAR0TED ALUMINUM PANELS WITH CURTAIN WALL FACADE CLEAR ANODIZED FINISH
ALUM-2 ALUCOBOND PANELS OR EQUAL COLOR: BM 2139-50 HIGH GLOSS
ALUM-3 PAINTED ALUMINUM SHEET WITHIN SHADOW BOX COLOR: BM 0C-64 PURE WHITE PEARL
ALUM-4 INSULATED ALUMINUM PANELS WITH CURTAIN WALL FACADE COLOR: BM 2139-50 HIGH GLOSS

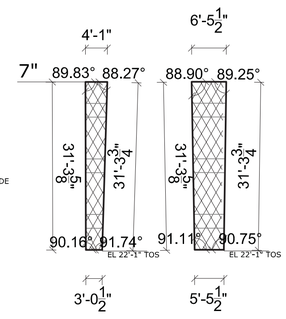
CURTAIN MULLIONS

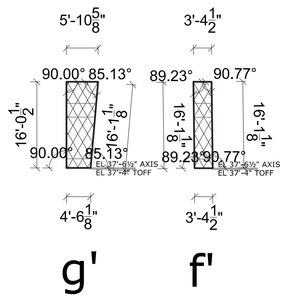
1. TOWER MULLIONS INTERIOR COLOR TO BE SELECTED BY ARCHITECT
2. TOWER MULLIONS EXTERIOR TRIM FINISH TO BE CLEAR ANODIZED FINISH
3. STOREFRONT MULLIONS COLOR:BM OC-64 PURE WHITE SATIN FINISH
4. INTERIOR AND EXTERIOR
5. CONDO LOBBY MULLIONS FINISH: STAINLESS STEEL FINISH 2B INTERIOR AND EXTERIOR











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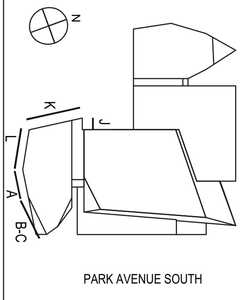
4	08.10.12	DOB SUBMISSION
Δ1	07.10.12	ASI 007
Δ2	08.08.12	ASI 023

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
DEVELOPED ELEV.
PARK AVE. S. PAVILION

DRAWING NO:
A-315.00

NYC DOB NO: 121181808

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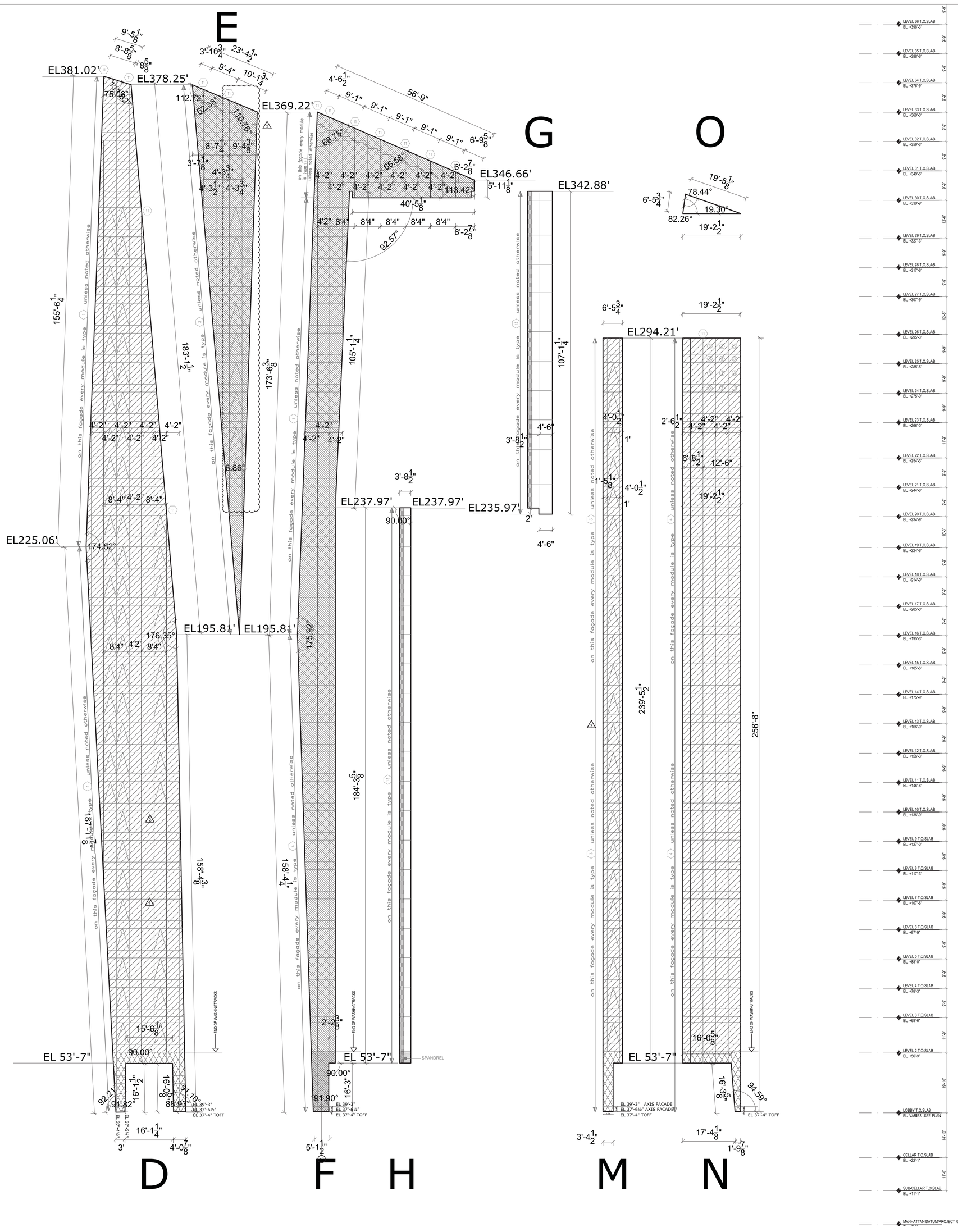
DEPT OF BLDGS 121181808 Job Number
ES2283434222 Scan Code



EXTERIOR WALL SYMBOLE LEGEND

GLASS

1	GL-1 / GL-3 SHGC=0.42 / SHGC=0.26 U=0.31 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VRE1-59
2	GL-1 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VRE1-59
3	GL-2 / GL-4 SHGC=0.32 / SHGC=0.27 U=0.42 / U=0.42	CLEAR GLASS / CLEAR SAFETY GLASS AT LOWER LITE TYPE VE1-55
4	GL-2 + SHADOW BOX / ALUM-3 U=0.08 R=12.5	CLEAR GLASS WITHIN SHADOW BOX TYPE VE1-55
8	GL-11 (STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
8A	GL-11A (CONDO STORE FRONT) U=0.5, SHGC=0.4	TEMPERED, LOW IRON, CLEAR GLASS ULTRA WHITE TYPE VRE 1-59
13	GL-13 (RESIDENTIAL CORRIDOR) U=0.5, SHGC=0.4	

ALUMINUM PANELS

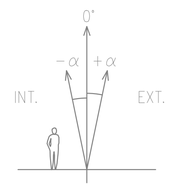
5	ALUM-4	INSOLATED PANEL PAINTED ALUMINUM
6	ALUM-1	WAVY PROFILE
7	ALUM-2	COMPOSITE PANEL-ALUMINUM SHEET ALUCOBOND OR EQUAL

LOUVERS

9	LOUVER	

MISCELLANEOUS

11	WASHING TRACKS	
	OPERABLE WINDOW	



FOR FRIT PATTERNS REFFER TO DRAWINGS A-456/ A-457

FRIT TYPE 1	FRIT TYPE 1 +SPANDREL	FRIT TYPE 5
FRIT TYPE 2	FRIT TYPE 2 +SPANDREL	FRIT TYPE 6 NOT IN USE
FRIT TYPE 3	FRIT TYPE 4	FRIT TYPE 7

EXTERIOR WALL GENRAL NOTES

1. ELEVATION DATUM ARE FOR REFERENCE ONLY AND DO NOT CORRESPOND TO ACTUAL FLOOR LOCATIONS
2. FOR SUBWAY ENTRANCE ELEVATIONS REFER TO A-350-355
3. FOR FRIT PATTERNS SEE A-456, A-457

EXTERIOR GLASS FINISHES:

GL-1 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-2 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VE 1-55 CONSISTING OF:
1/4" CLEAR HEAT-STRENGTHENED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR HEAT STRENGTHENED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-3 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-4 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
GARY SILICONE WITH CERAMIC FRIT PATTERN ON NUMBER 2 SURFACE.

GL-6 WHITE TRANSLUCENT GLASS WITH LAMINATED
PVB BOARD. BY TSI EXTERIOR WALL SYSTEMS OR APPROVED EQUAL.

GL-8 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59 CONSISTING OF:
1/4" CLEAR TEMPERED GLASS OUTBOARD LITE WITH
LOW E COATING ON NUMBER 2 SURFACE
1/2" AIR SPACE
1/4" CLEAR TEMPERED GLASS INBOARD LITE
WHITE COLOR 100% COVERAGE ON SURFACE 2.

GL-9 1/2" CLEAR LAMINATED GLASS.

GL-11 MANUFACTURED BY VIRACON OR APPROVED EQUAL:

1" INSULATED GLASS UNIT VIRACON VE 15-42 CONSISTING OF:
1/4" TEMPERED ULTRA WHITE INBOARD LITE
1/2" AIR SPACE
1/4" TEMPERED ULTRA WHITE OUTBOARD LITE

GL-11A SAME AS GL-11 EXCEPT OUTER PANE TO BE 3/16" THICK WITH ROUTED PERIMETER TO RECEIVE FLUSH PRESSURE PLATE

GL-13 MANUFACTURED BY VIRACON OR APPROVED EQUAL:
1" INSULATED GLASS UNIT VIRACON VRE 1-59
SINGLE LITE FROM SLAB TO SLAB
TEMPERED 1/4" INBOARD LITE
1/2" AIR SPACE
TEMPERED 1/4" OUTBOARD LITE
WITH SIMULATED SANDBLAST CERAMIC FRIT PATTERN ON SURFACE 2
SEE DWG 4/A456

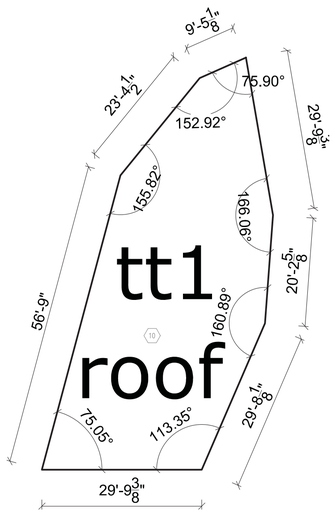
GL-16- 1/4" TEMPERED SILVER GLASS MIRROR BY BENDHEIM OR APPROVED EQUAL

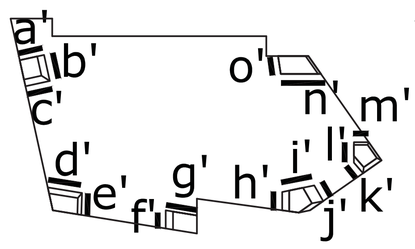
EXTERIOR ALUMINUM FINISHES:

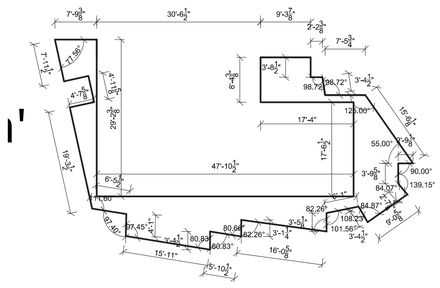
ALUM-1	(WAVY PANELS) INSULATED CORRUGAR0TED ALUMINUM PANELS WITH CURTAIN WALL FACADE CLEAR ANODIZED FINISH
ALUM-2	ALUCOBOND PANELS OR EQUAL COLOR: BM 2139-50 HIGH GLOSS
ALUM-3	PAINTED ALUMINUM SHEET WITHIN SHADOW BOX COLOR: BM 0C-64 PURE WHITE PEARL
ALUM-4	INSULATED ALUMINUM PANELS WITH CURTAIN WALL FACADE COLOR: BM 2139-50 HIGH GLOSS

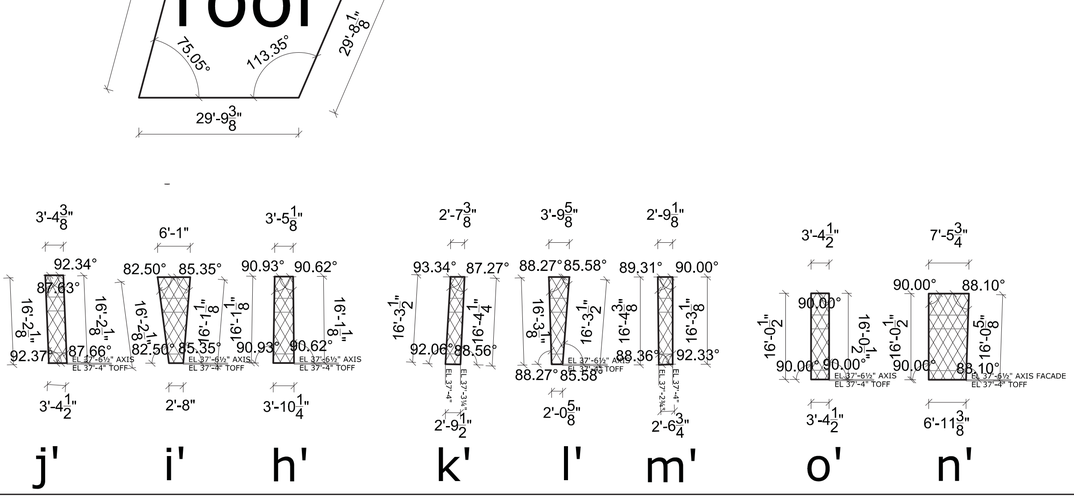
CURTAIN MULLIONS

1. TOWER MULLIONS INTERIOR COLOR TO BE SELECTED BY ARCHITECT
2. TOWER MULLIONS EXTERIOR TRIM FINISH TO BE CLEAR ANODIZED FINISH
3. STOREFRONT MULLIONS COLOR:BM OC-64 PURE WHITE SATIN FINISH
4. INTERIOR AND EXTERIOR
5. CONDO LOBBY MULLIONS FINISH: STAINLESS STEEL FINISH 2B INTERIOR AND EXTERIOR









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ES 1405977 14 Scan Code

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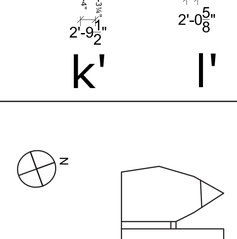
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.10.12	ASI 007
2	08.08.12	ASI 023

KEY PLAN



SCALE: 1/16"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
DEVELOPED ELEV.
PARK AVE. S. PAVILION

DRAWING NO:
A-316.00

NYC DOB NO: 121181808

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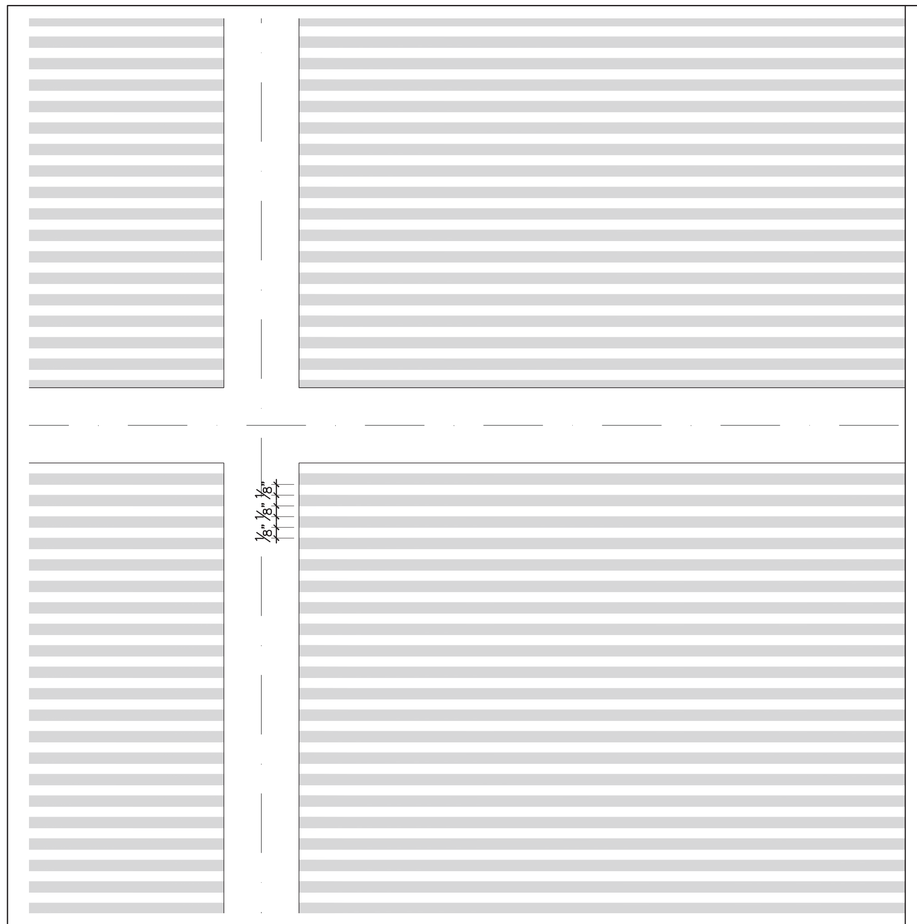
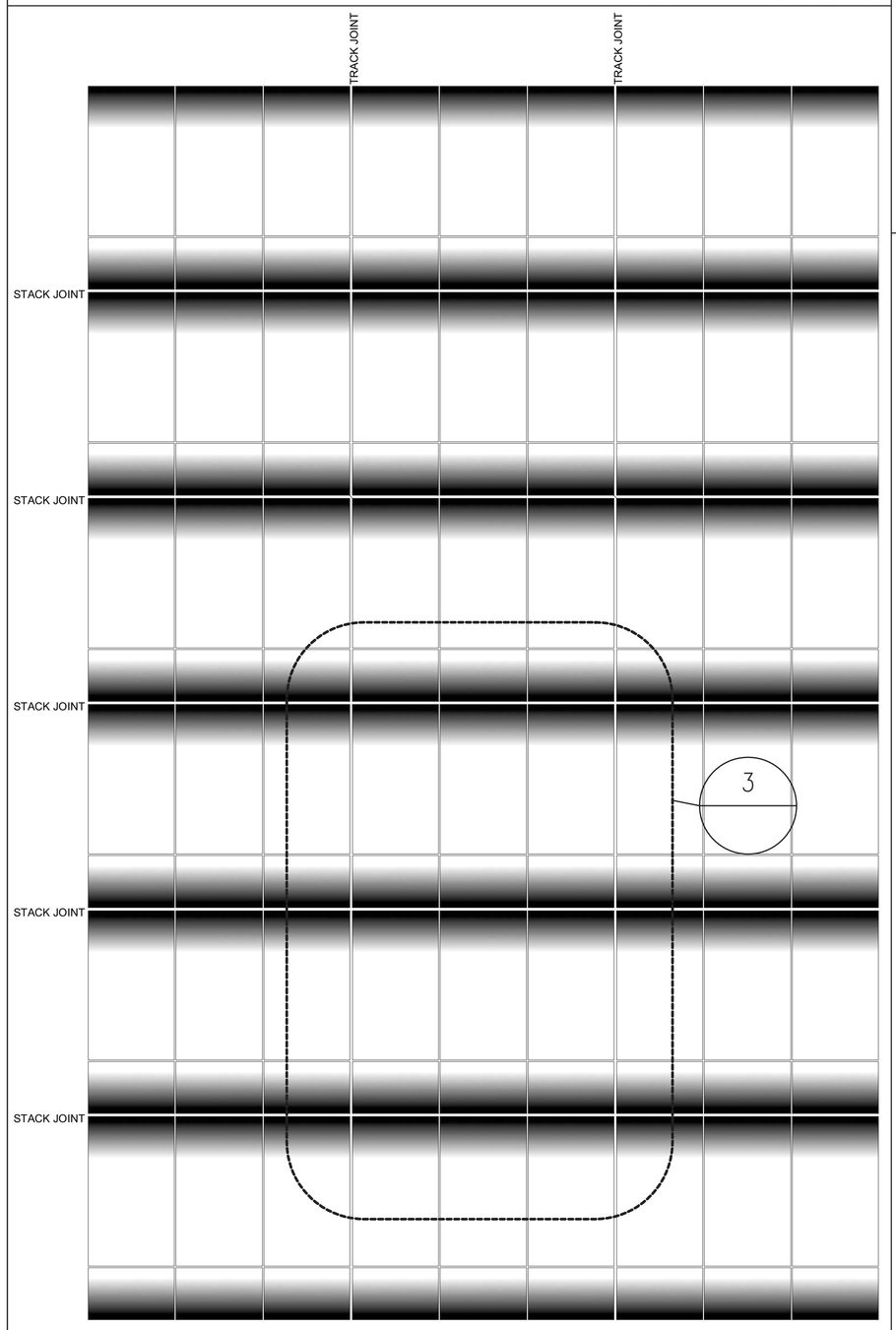


8 DETAIL FRIT PATTERN TYPE 1 and 2

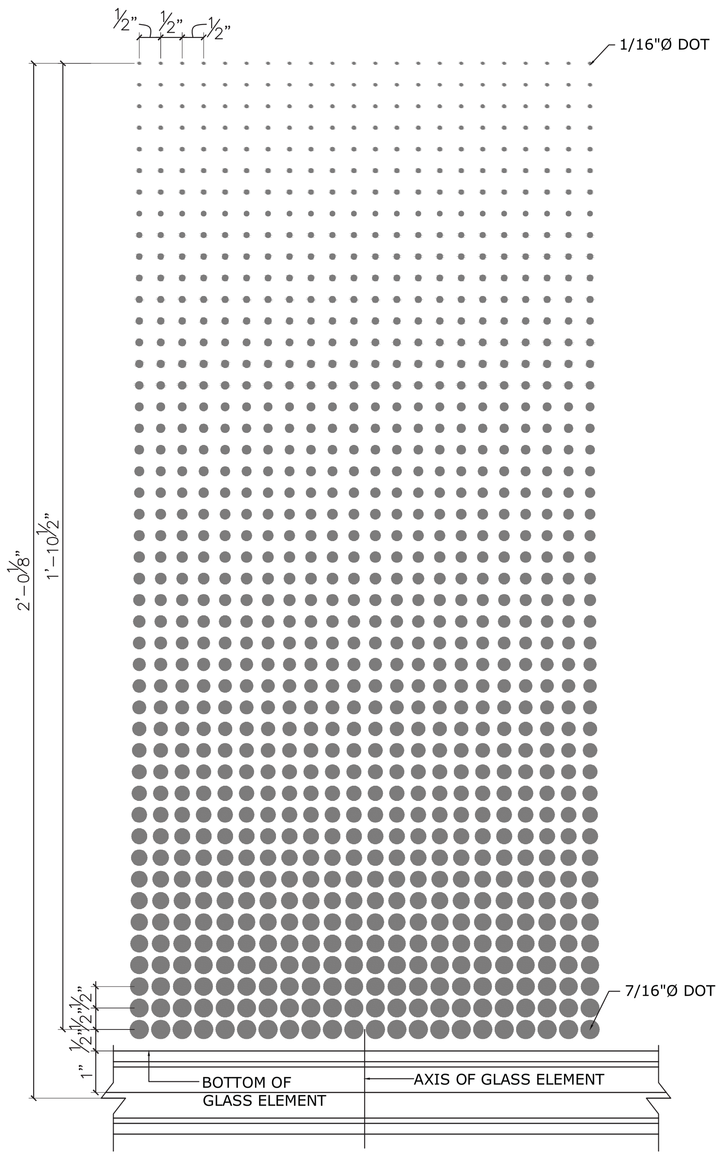
SCALE: FULL

BID SET: CURTAIN WALL 02.01.2006



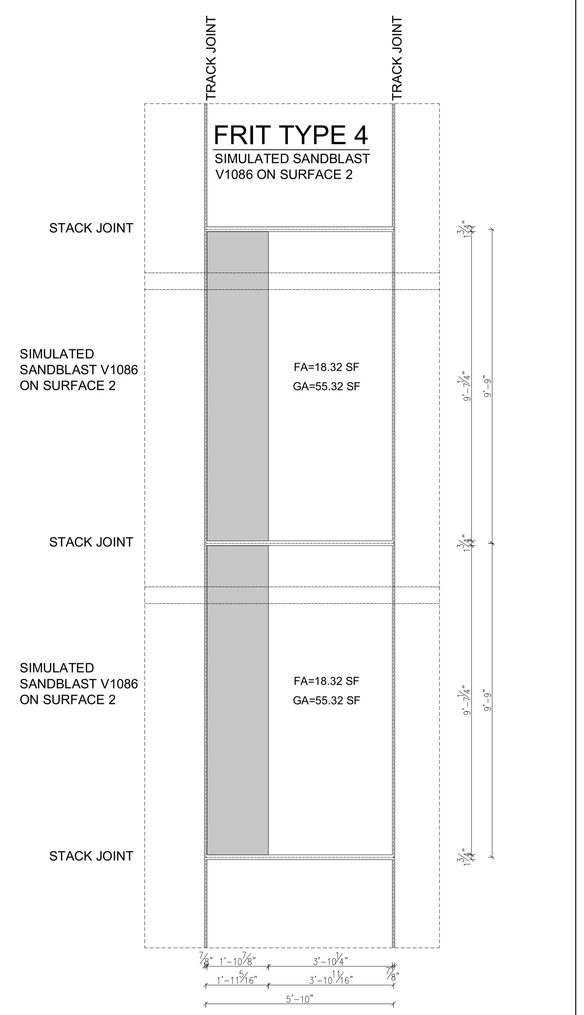
6 KEY PLAN-ELEVATION FRIT TYPE 3

SCALE: 1/4"= 1'-0"



7 DETAIL FRIT PATTERN TYPE 3

SCALE: HALF SIZE



4 DETAIL FRIT PATTERN TYPE 4

SCALE: 1/2"= 1'-0"

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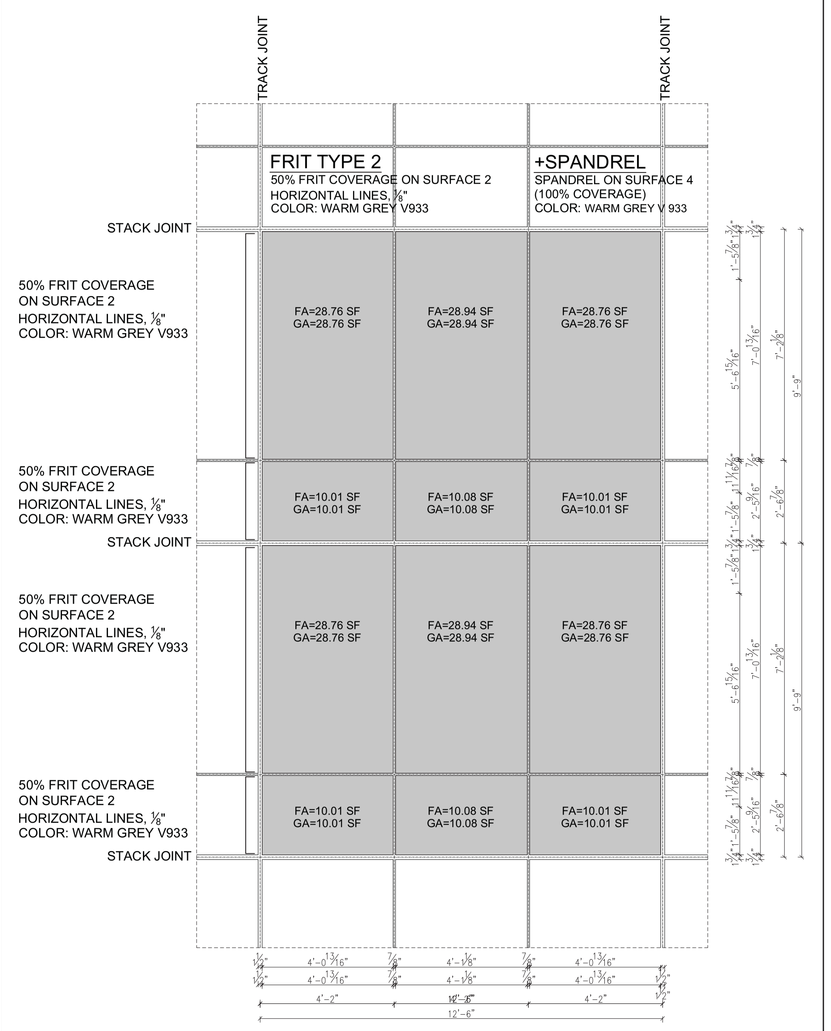
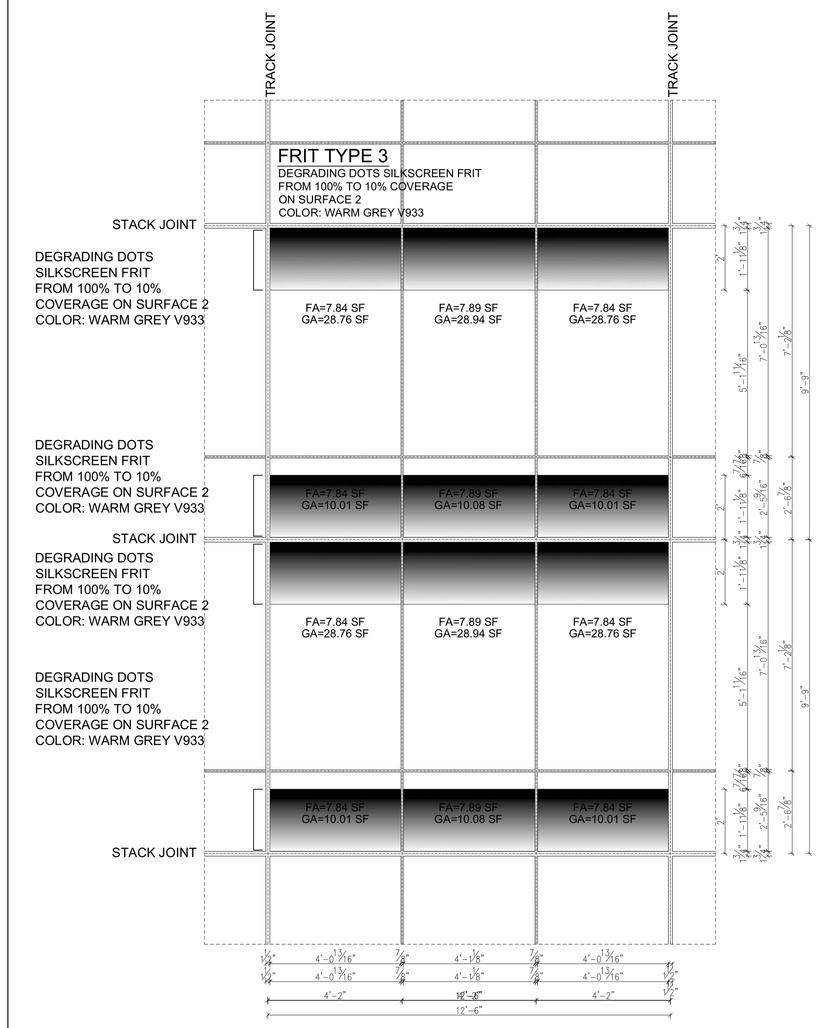


2 DETAIL FRIT PATTERN TYPE 2

SCALE: 3/8"= 1'-0"

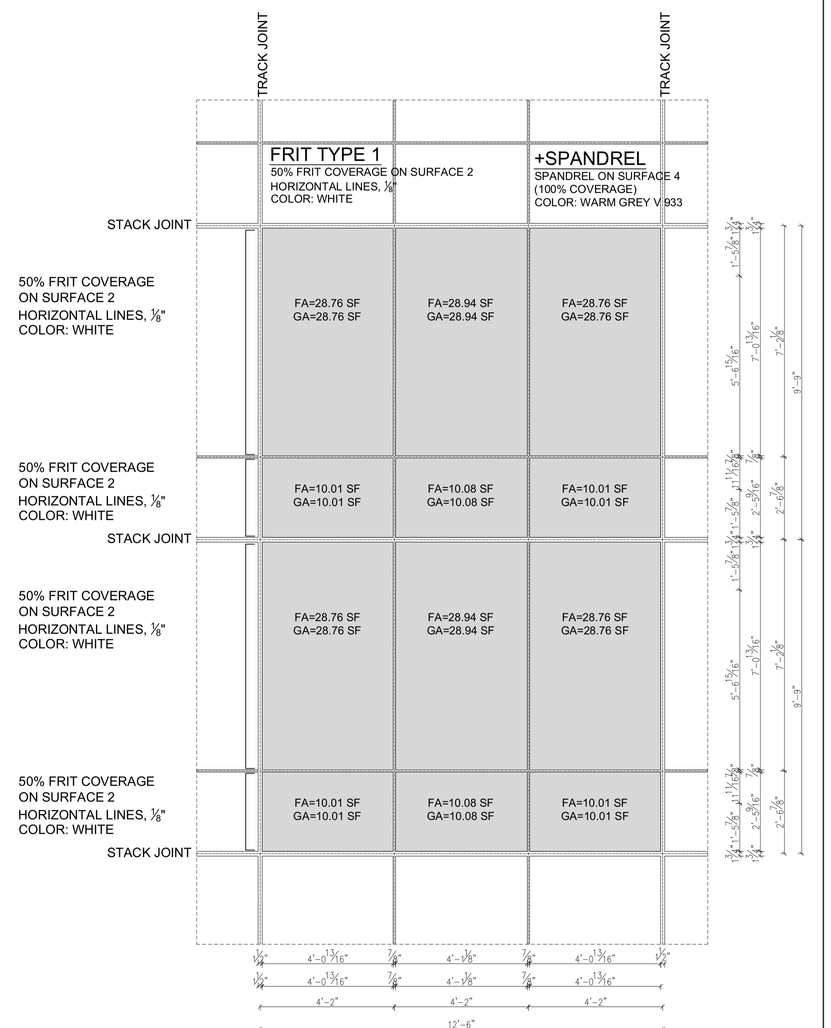
BID SET: CURTAIN WALL 02.01.2006



3 DETAIL FRIT PATTERN TYPE 3

SCALE: 3/8"= 1'-0"

BID SET: CURTAIN WALL 02.01.2006



1 DETAIL FRIT PATTERN TYPE 1

SCALE: 3/8"= 1'-0"

BID SET: CURTAIN WALL 02.01.2006

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NO.	DATE	ISSUANCE
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2	05.15.12	80% CDS / GMP SET
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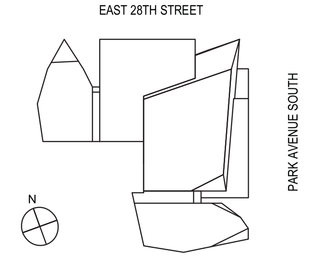
4	08.10.12	DOB SUBMISSION

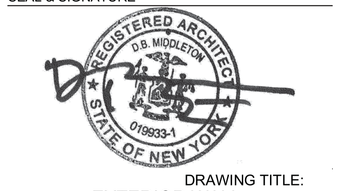
KEY PLAN



SCALE:

PROJECT NO: 874

SEAL & SIGNATURE



DRAWING TITLE:
EXTERIOR WALL
FRIT PATTERNS

DRAWING NO:

A317.00

NYC DOB NO: 121181808

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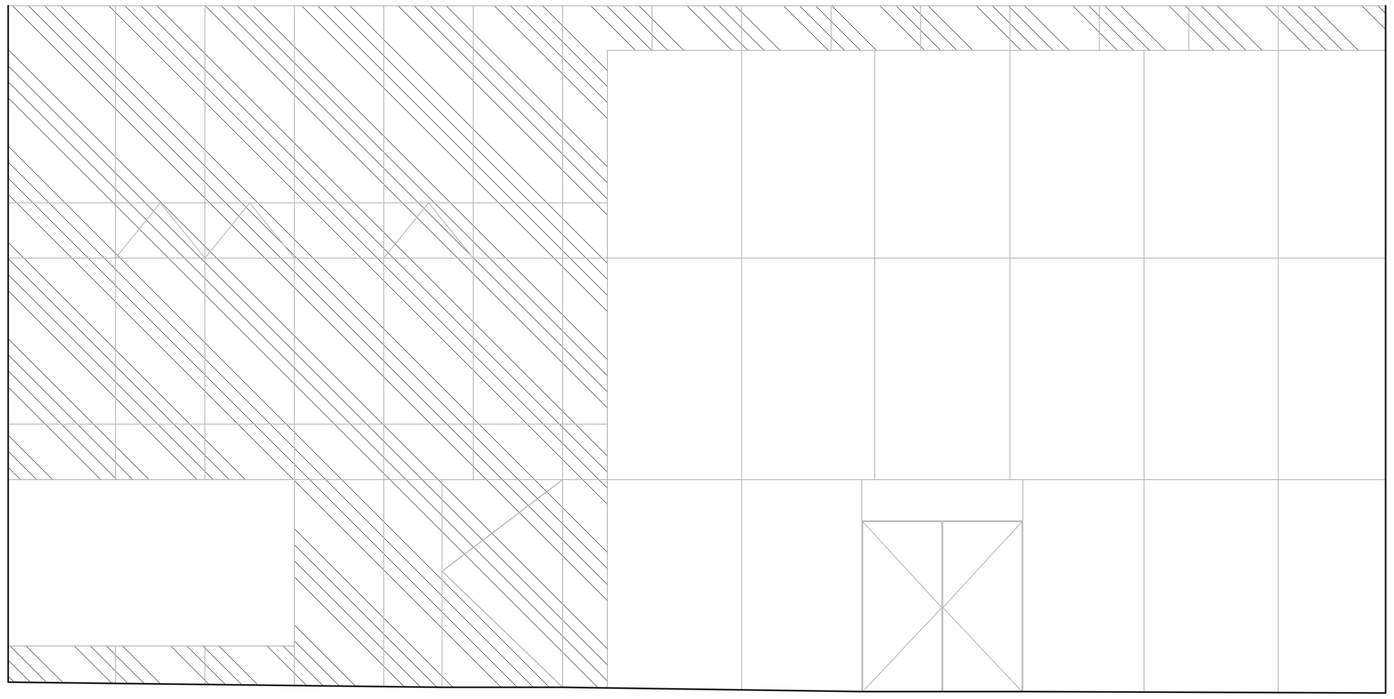
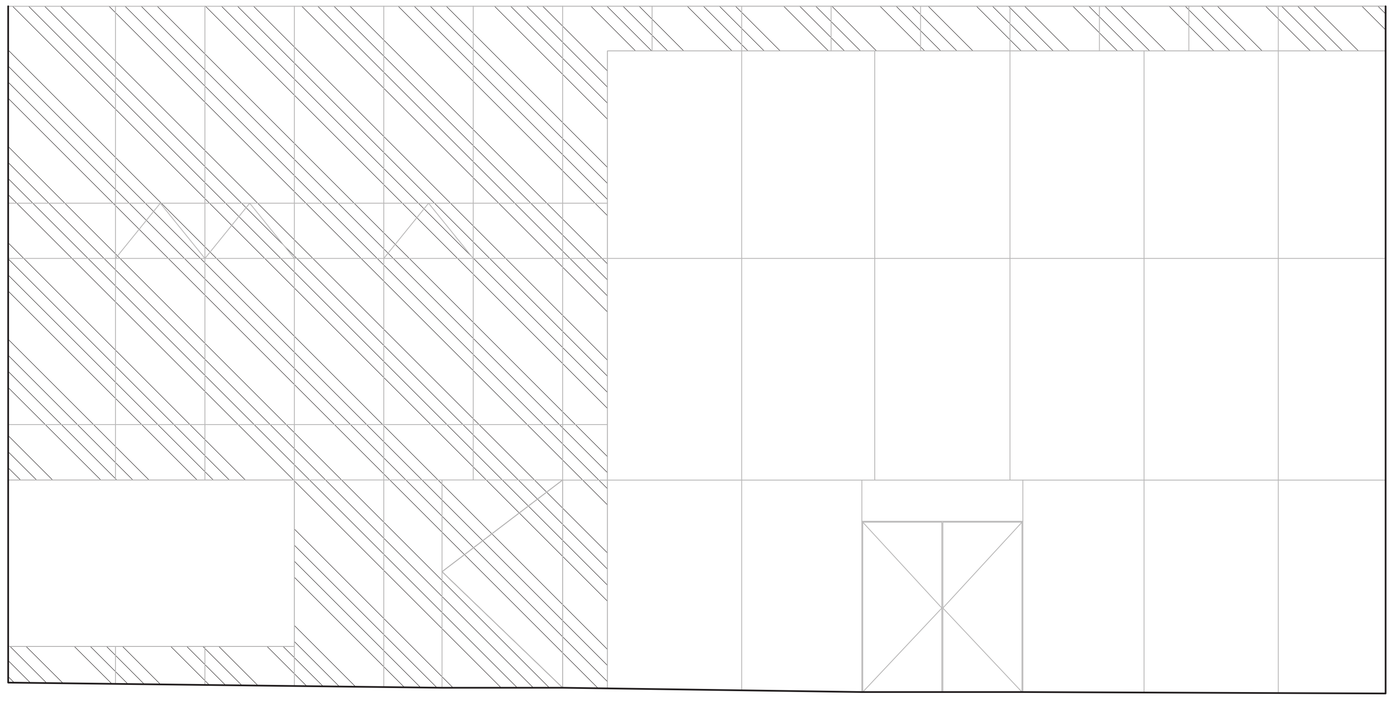
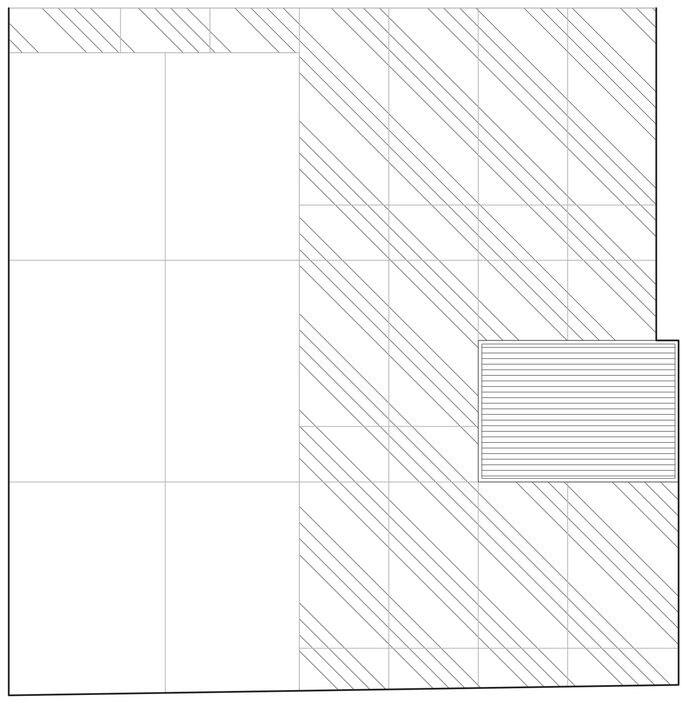
DEPT OF BLDGS 121181808 Job Number
ES4118100075 Scan Code



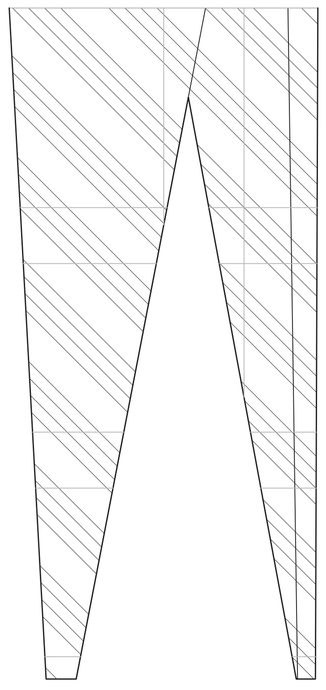
STOREFRONT RETAIL 3 ON PARK AVE SOUTH (SEE A211 C)



STOREFRONT RETAIL 2 ON 28TH STREET (SEE A212 A)



STOREFRONT RETAIL 2 ON 28TH STREET (SEE A212 B)

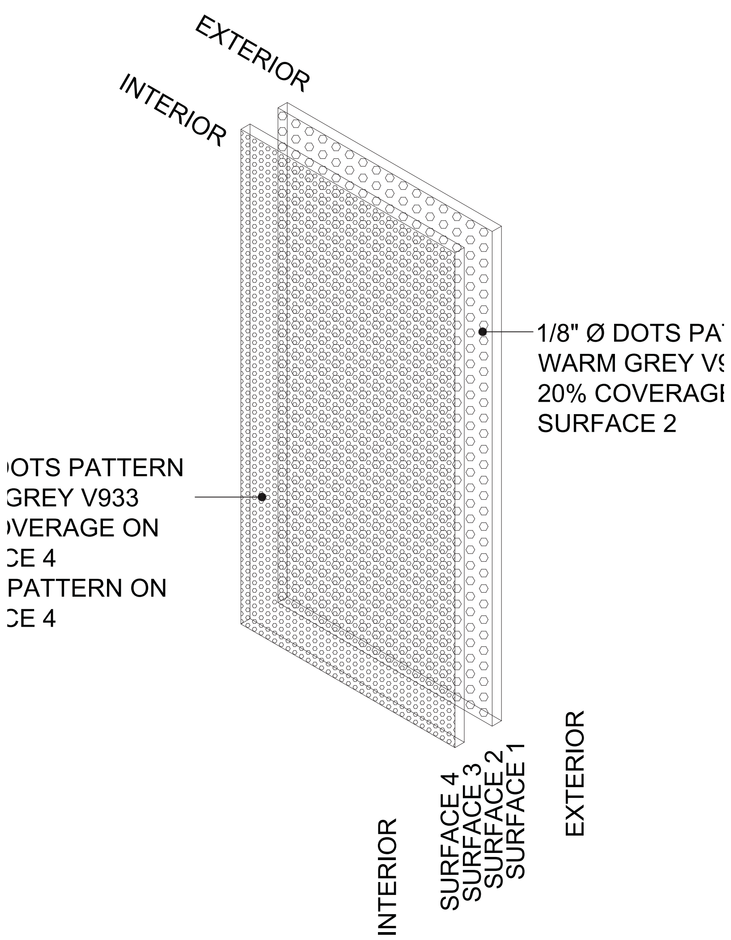


MTA ENTRY SEE A210 B)

4 AREAS WITH FRIT PATTERN TYPE 7- MOTIF TBD BY ARCHITECT
SCALE: 1/4"= 1'-0"

FRIT TYPE 7

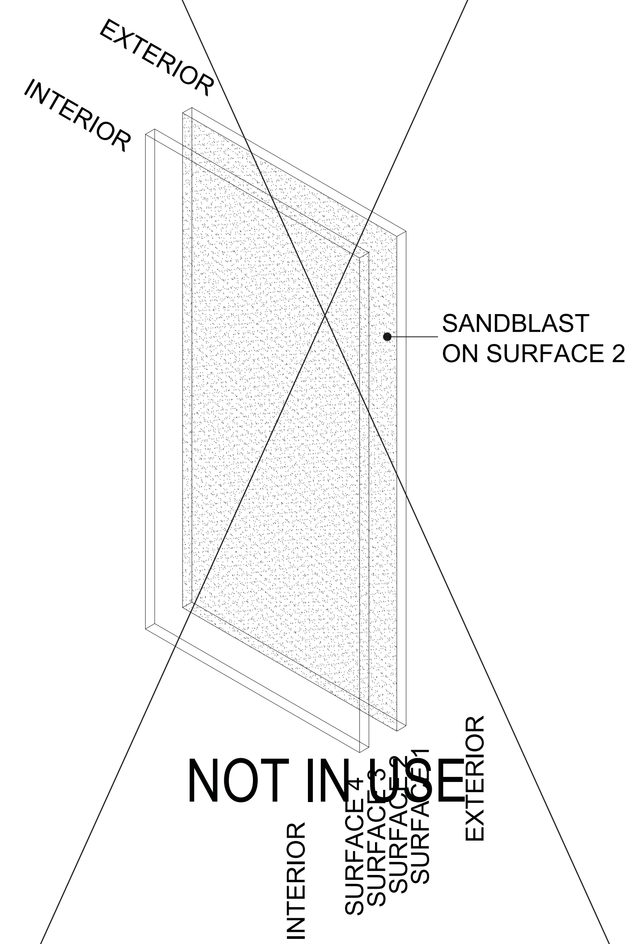
1/8" Ø DOTS PATTERN WARM GREY V933
20% COVERAGE ON SURFACE 2



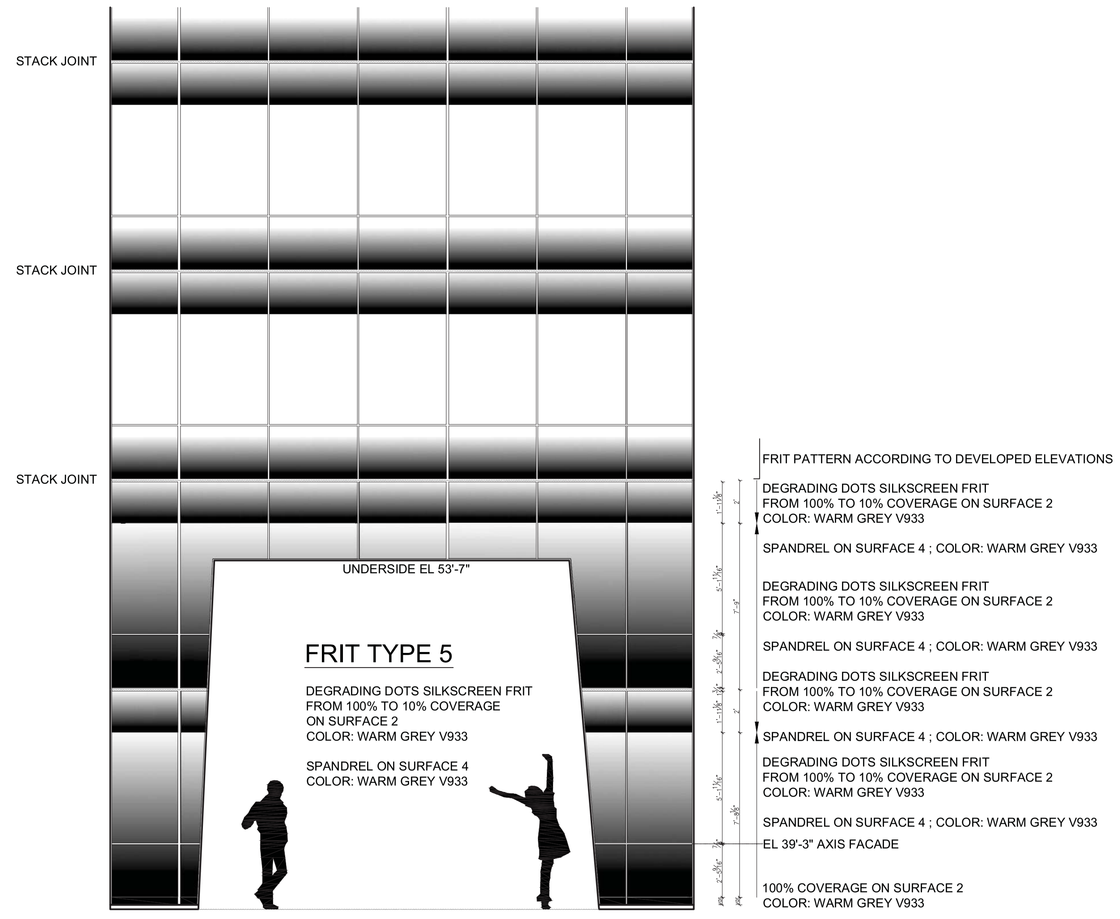
3 DETAIL FRIT PATTERN TYPE 7
SCALE: 1/2"= 1'-0"

FRIT TYPE 6

SANDBLAST ON SURFACE 2



2 DETAIL FRIT PATTERN TYPE 6
SCALE: 1/2"= 1'-0"



1 DETAIL FRIT PATTERN TYPE 5
SCALE: 1/4"= 1'-0"

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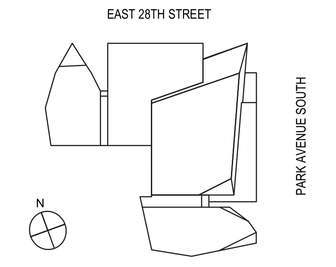
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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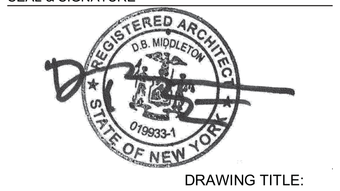
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
EXTERIOR WALL
FRIT PATTERNS

DRAWING NO:
A-318.00

NYC DOB NO: 121181808

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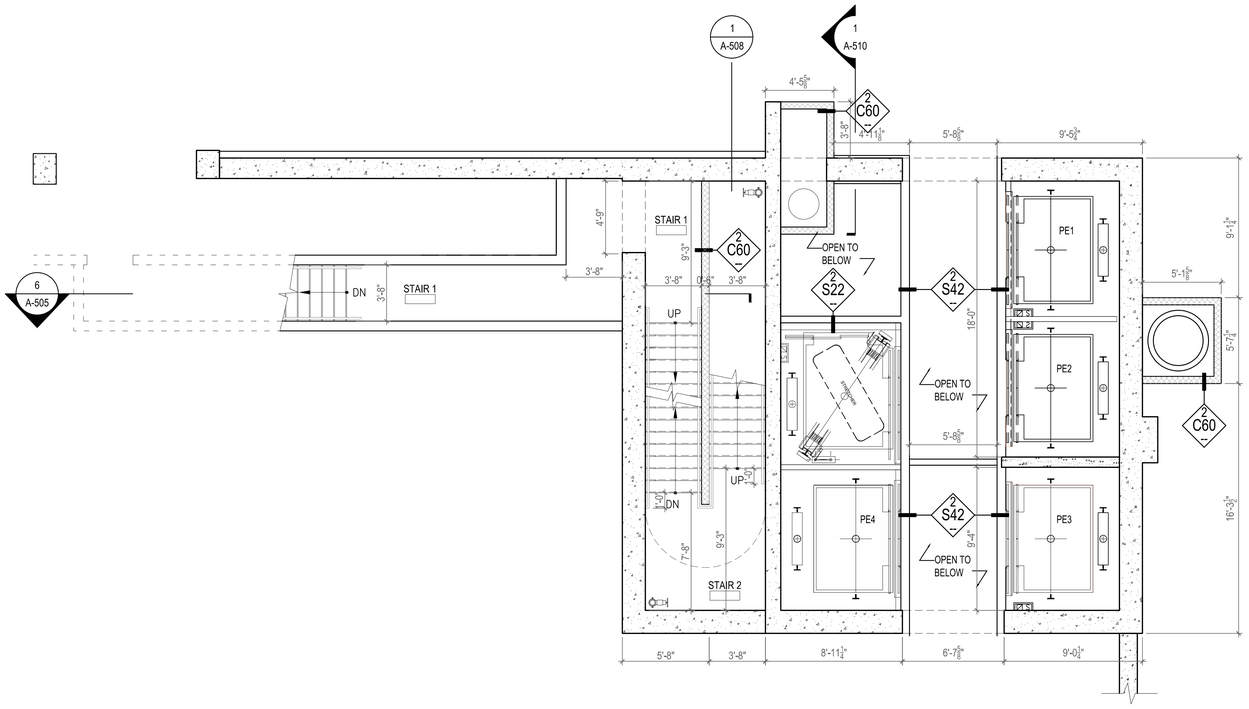
DEPT OF BLDGS121181808 Job Number
E5639535511 Scan Code



4 CORE- MEZZANINE LEVEL
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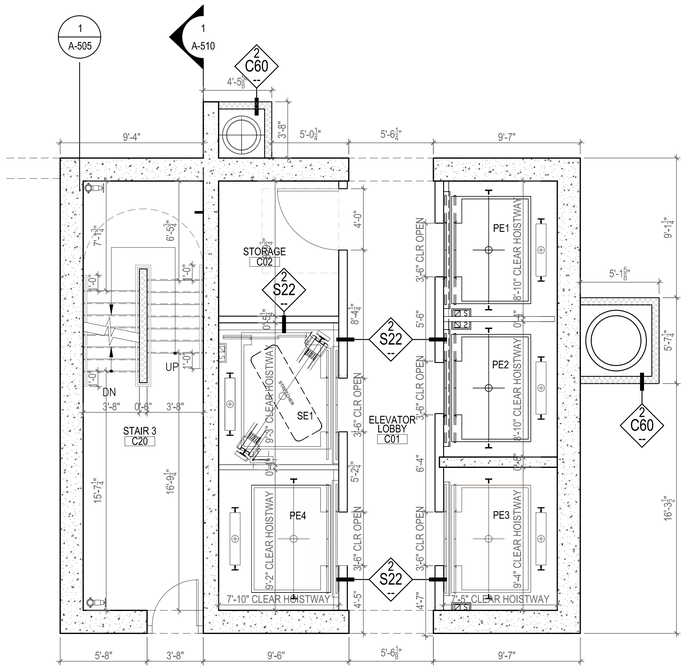

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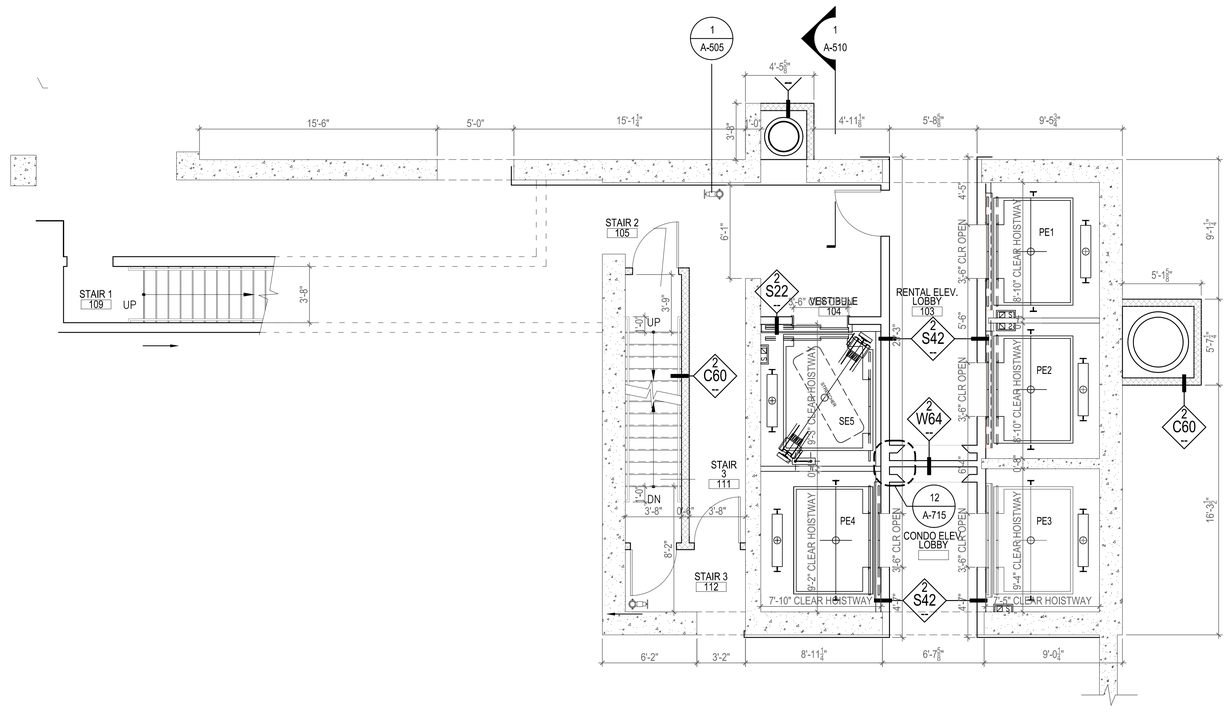
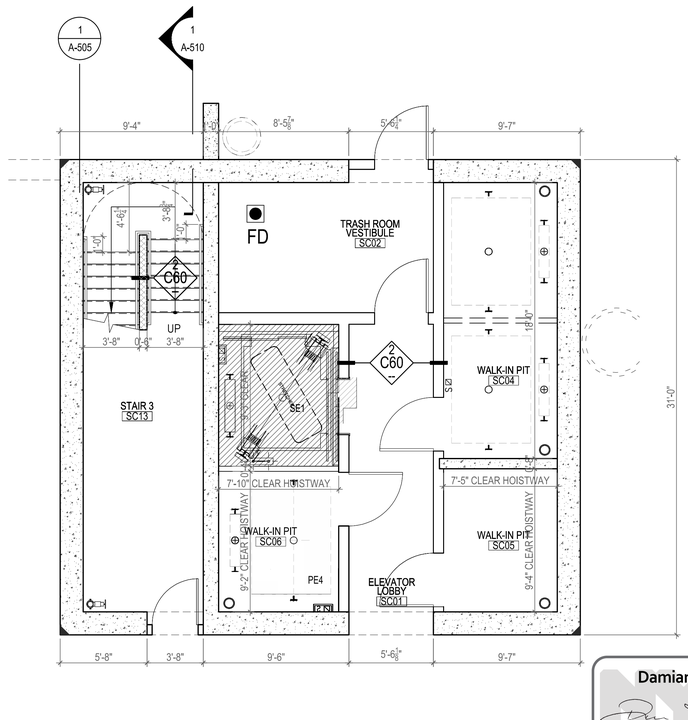
Scale: 1/4" =1'-0"



3 CORE- GROUND FLOOR
Scale: 1/4" =1'-0"



1 CORE- SUB-CELLAR
Scale: 1/4" =1'-0"

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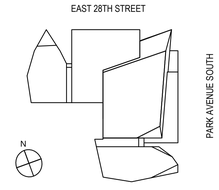
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.09.12	ASI 006

KEY PLAN



SCALE: 1/4"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
CORE PLANS GROUND FLOOR, CELLAR AND SUB-CELLAR

DRAWING NO:
A-501.00

NYC DOB NO: 121181808

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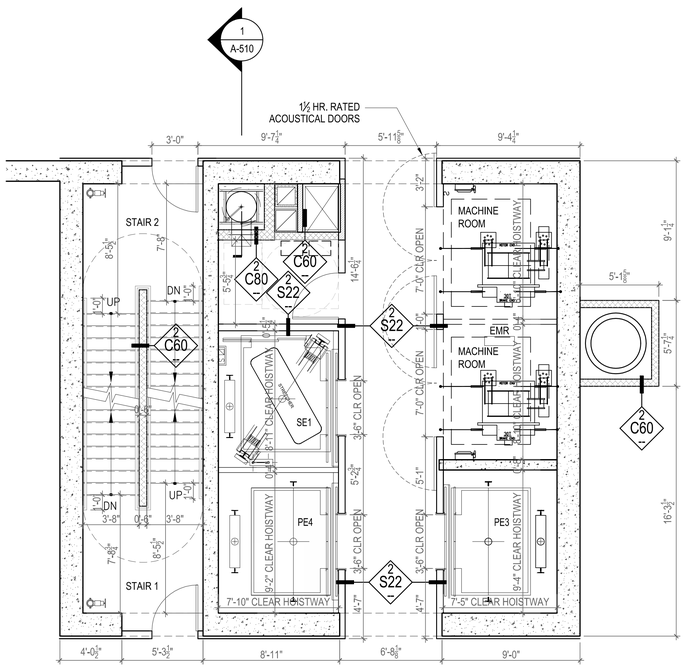
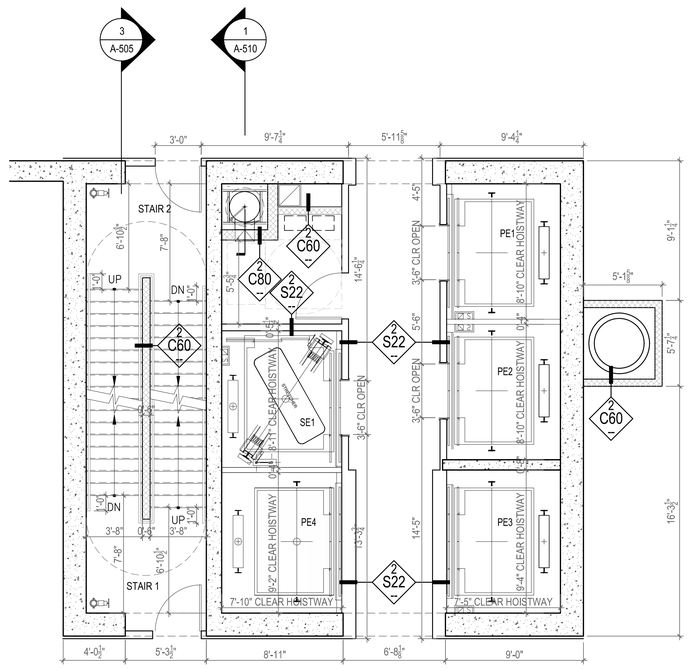
DEPT OF BLDGS121181808 Job Number
ES/756005871 Scan Code



6 CORE- 24TH FLOOR
Scale: 1/4" =1'-0"



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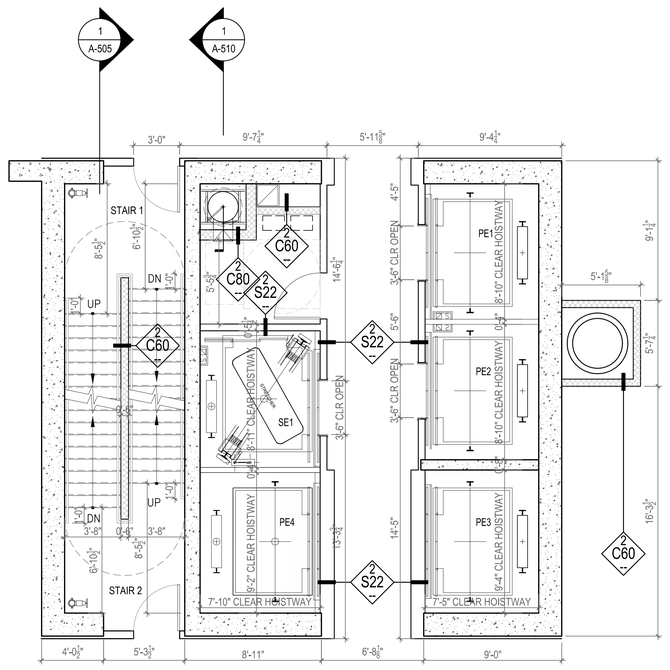
Scale: 1/4" =1'-0"



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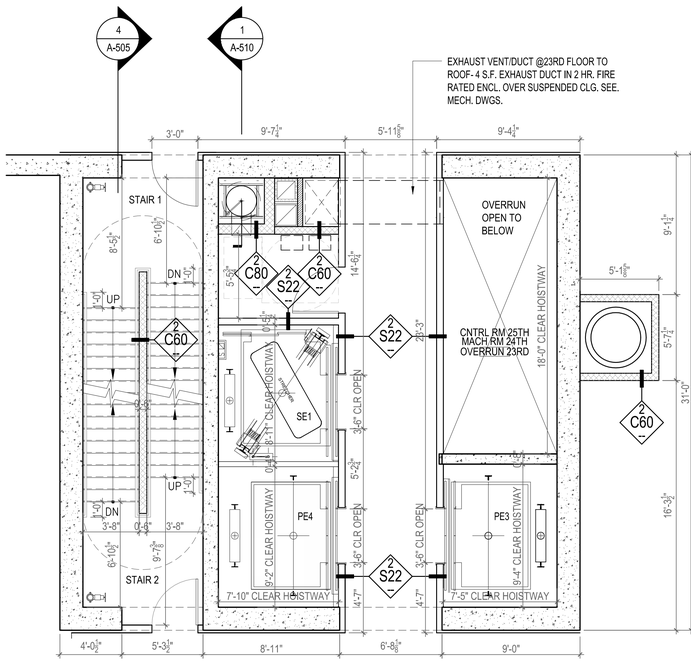

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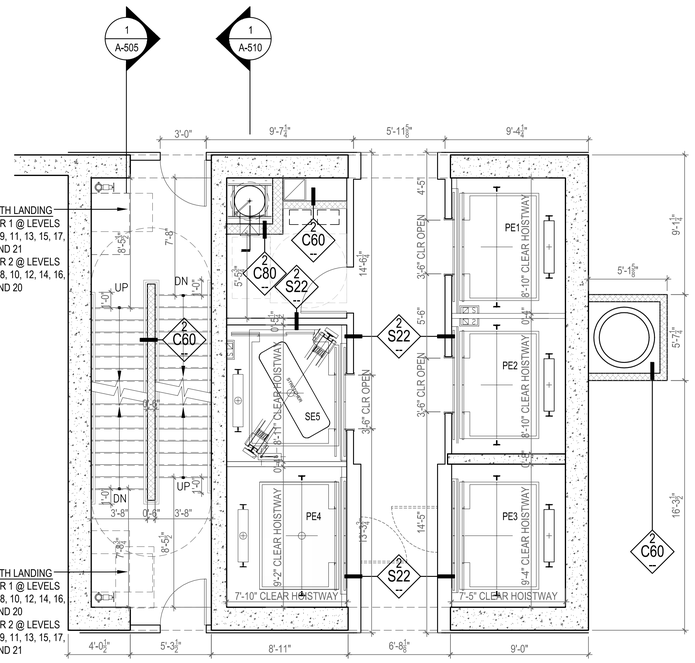
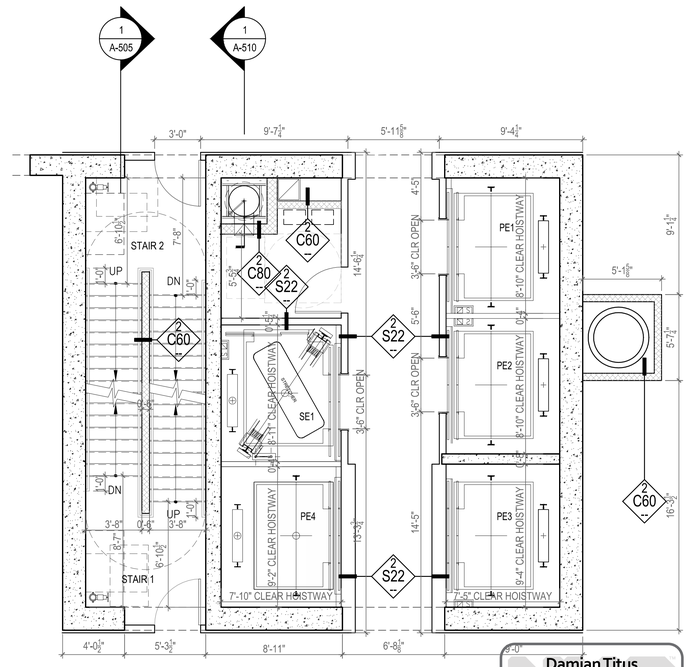
Scale: 1/4" =1'-0"



EMERGENCY ACCESS/ EGRESS, 1½ HOUR RATED DOORS, @ 3,6,9,12,15,18,21/F

3 CORE- TYPICAL FLOORS 4 - 21
Scale: 1/4" =1'-0"



1 CORE- 2ND FLOOR
Scale: 1/4" =1'-0"

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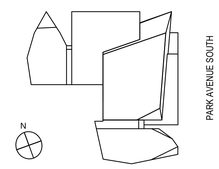
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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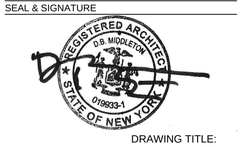
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
CORE PLANS
2ND - 24TH FLOORS

DRAWING NO:
A-502.00

NYC DOB NO: 121181808

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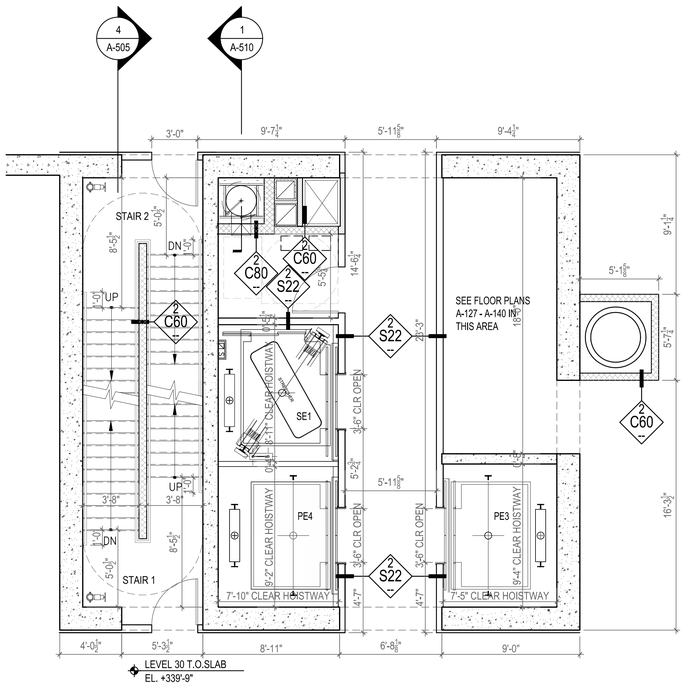
DEPT OF BLDGS121181808 Job Number
ES1247491460 Scan Code



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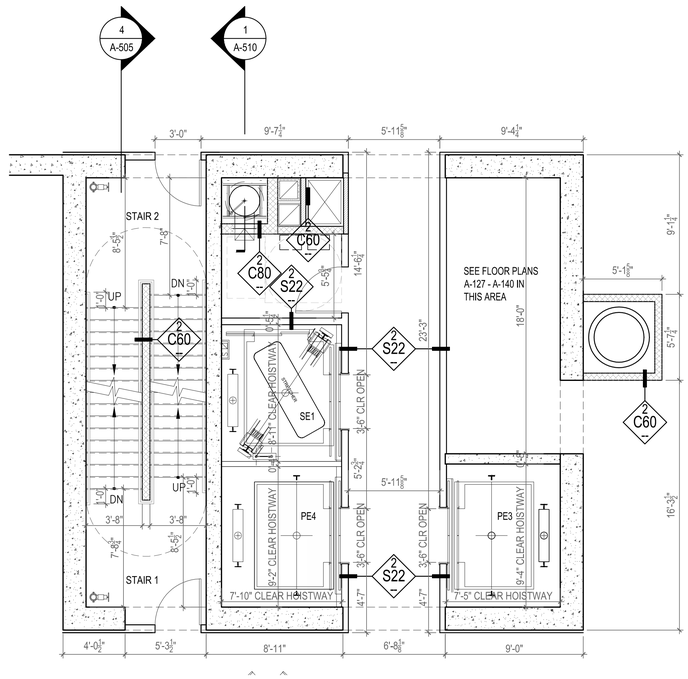

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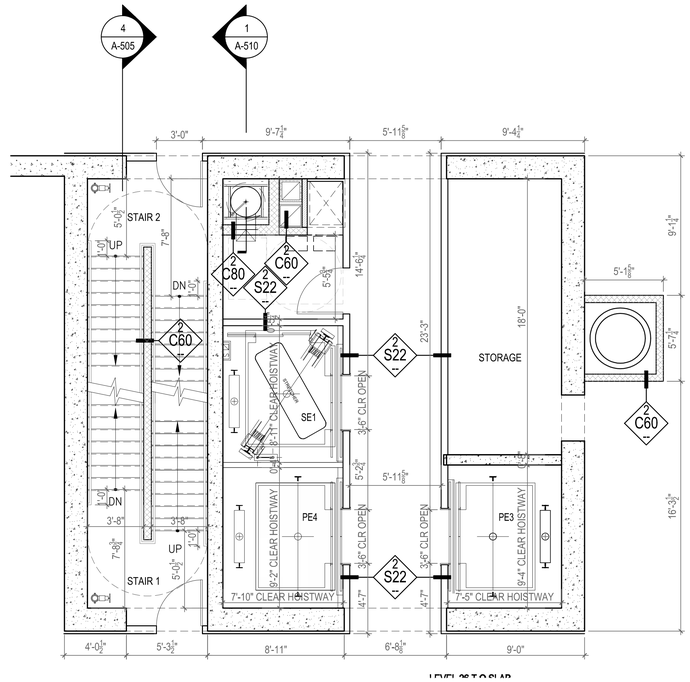
SCALE: 1/4" =1'-0"



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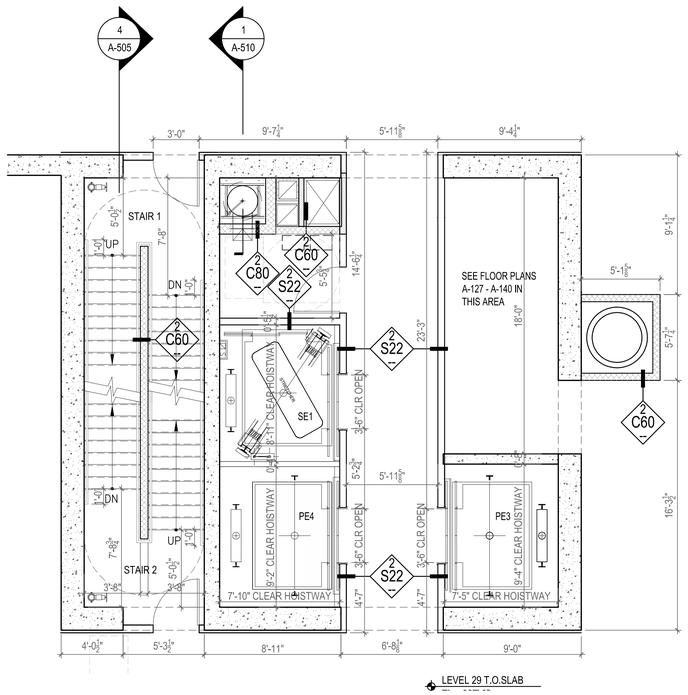
SCALE: 1/4" =1'-0"



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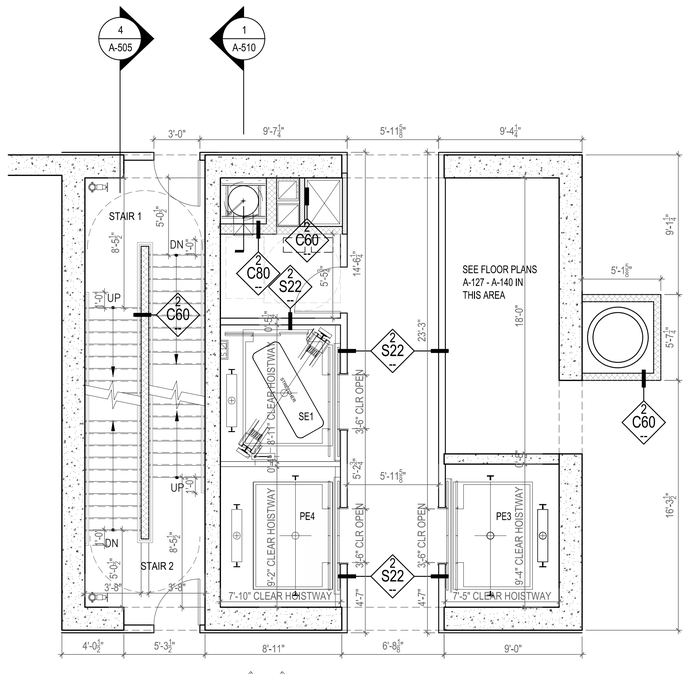
SCALE: 1/4" =1'-0"



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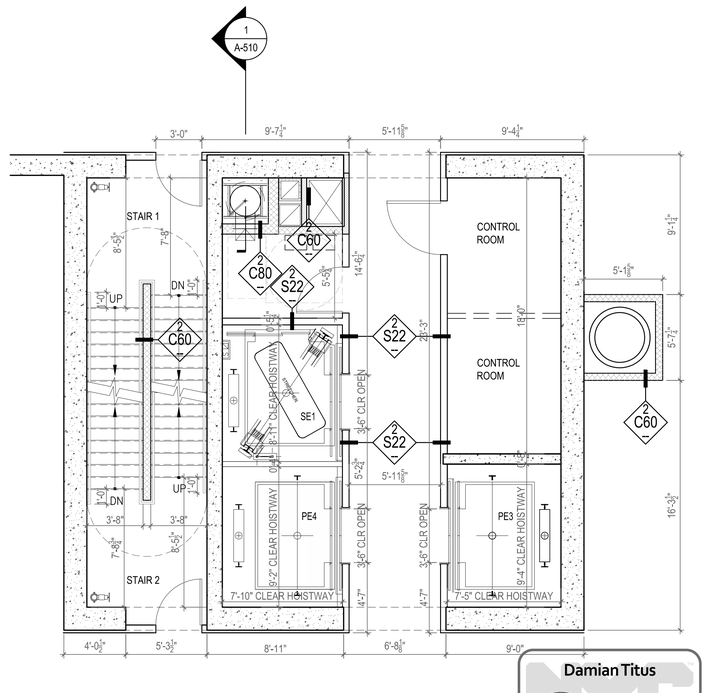
SCALE: 1/4" =1'-0"



1 CORE- 25TH FLOOR
SCALE: 1/4" =1'-0"

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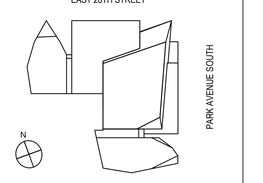
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
CORE PLANS
25TH - 30TH FLOORS

DRAWING NO:
A-503.00

NYC DOB NO: 121181808

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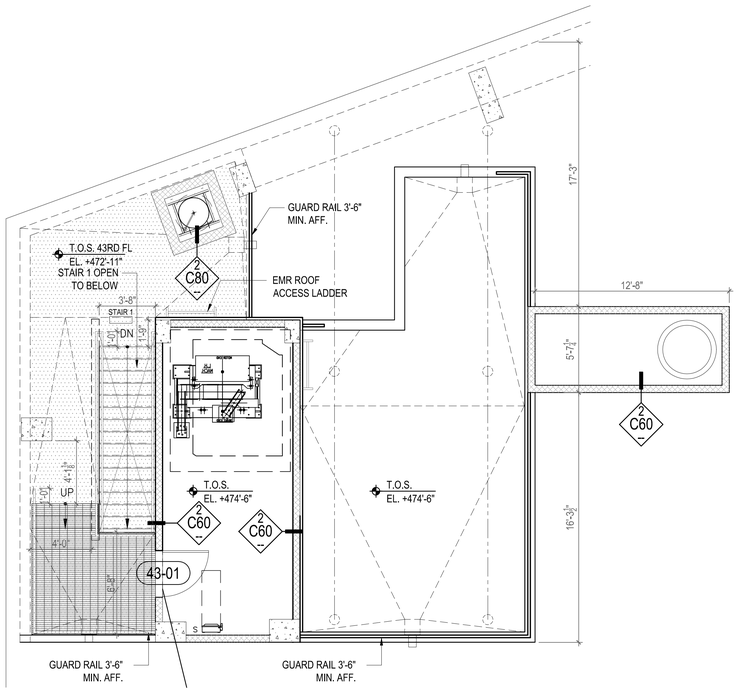
DEPT OF BLDGS121181808 Job Number
ES111099244 Scan Code



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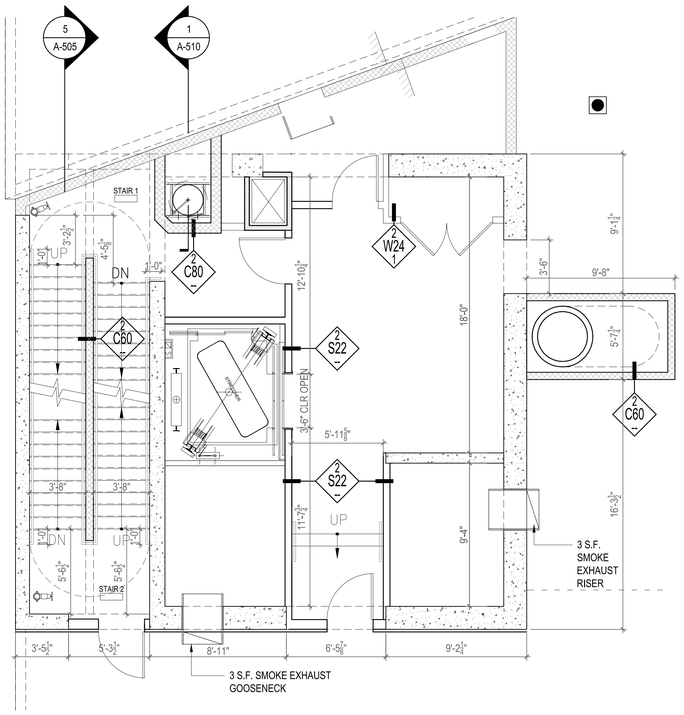

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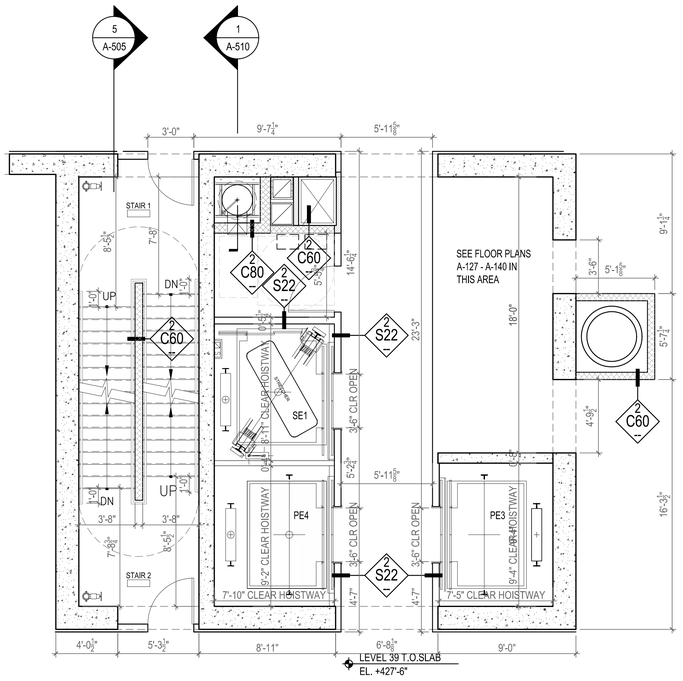

2 CORE- 39TH FLOOR
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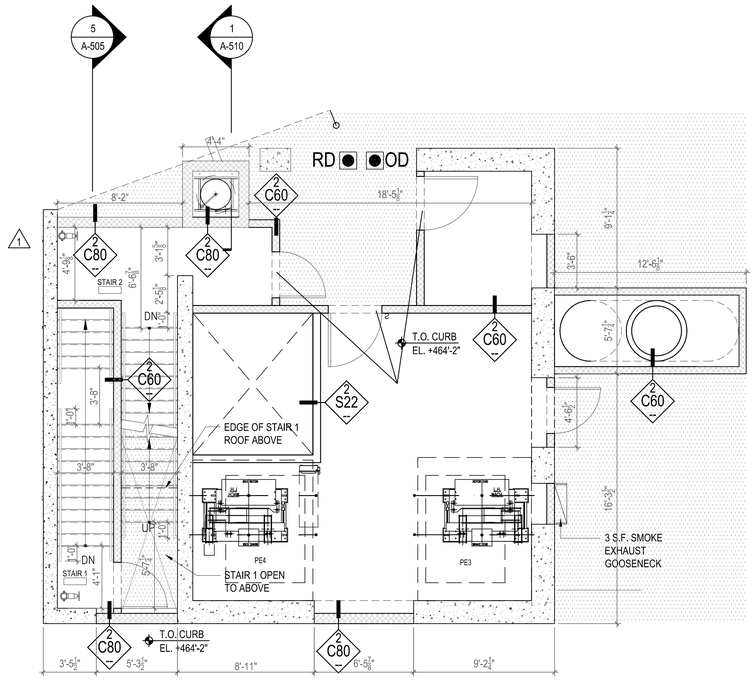

5 CORE- 42ND FLOOR
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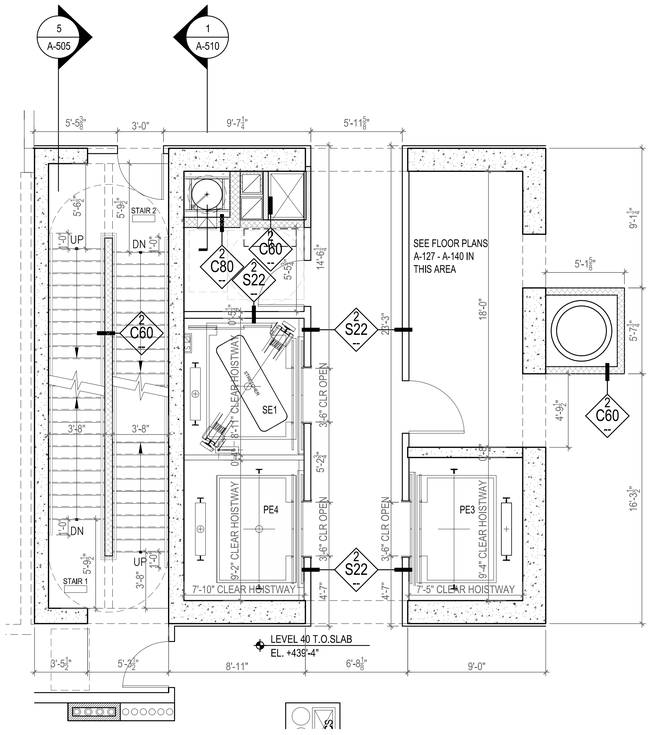

3 CORE- 40TH FLOOR
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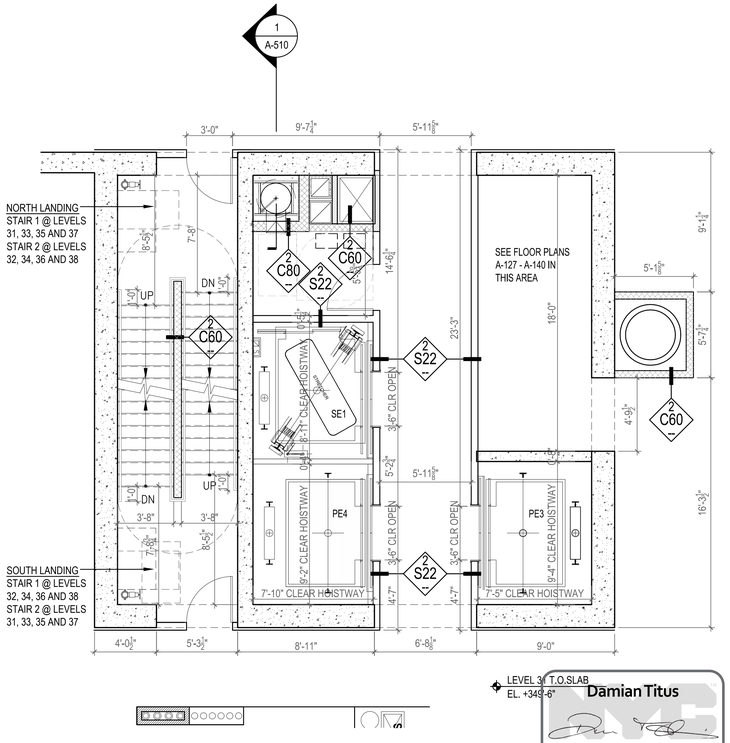

1 CORE- FLOORS 31-38
SCALE: 1/4" =1'-0"

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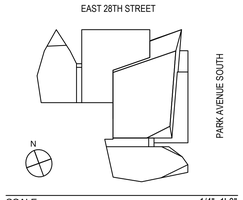
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
CORE PLANS
31ST - 43RD FLOORS

DRAWING NO:
A-504.00

NYC DOB NO: 121181808

Damian Titus
NYC Buildings
APPROVED
Under Directive 1 of 1975
Date/Time: Aug 30, 2012 – 10:00 AM
NYC Development Hub

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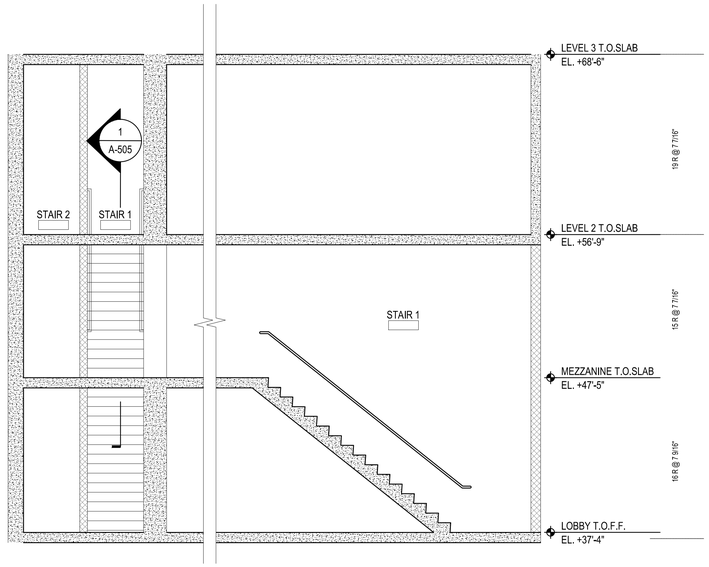
ES3095647262 Scan Code



6 CORE SECTION : STAIRS (MEZZANINE)
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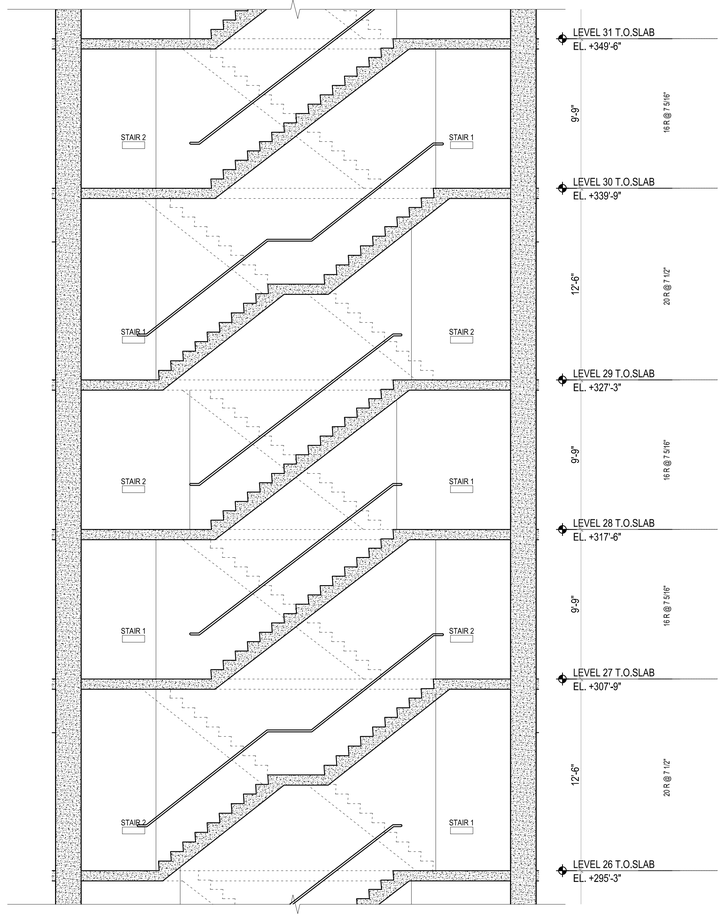

4 CORE SECTION : STAIRS 26TH TO 31ST FLR.
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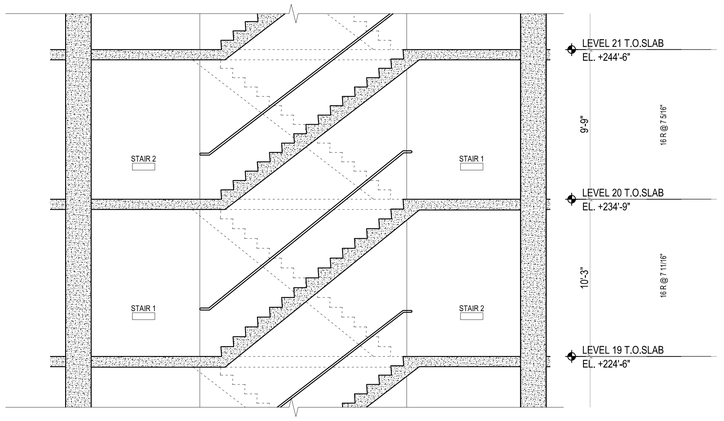

2 CORE SECTION : STAIRS 19TH TO 21ST FLR.
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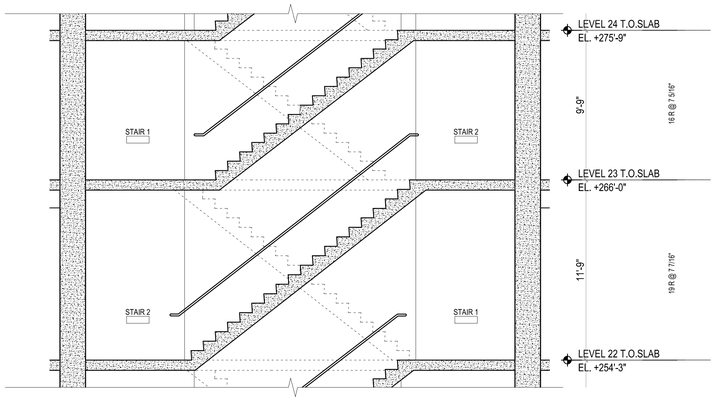
5 CORE SECTION : STAIRS 39TH TO 43RD FLR.
Scale: 1/4" =1'-0"



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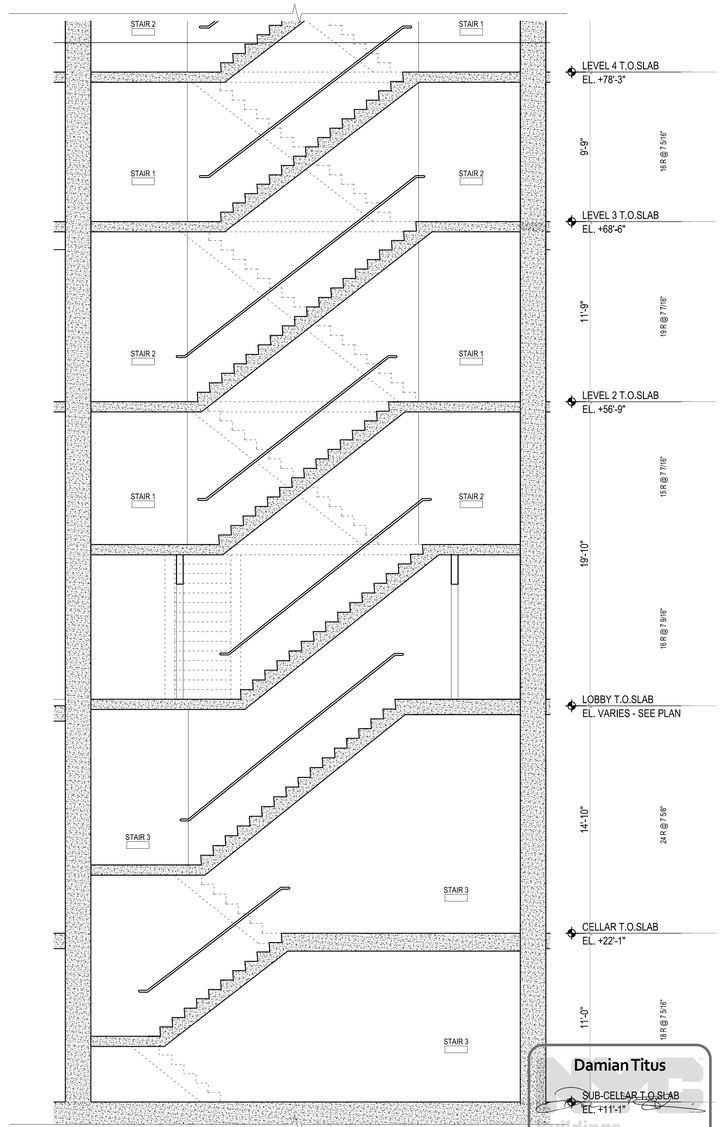

1 CORE STAIR SECTION : SUBCELLAR TO 4TH FLR
Scale: 1/4" =1'-0"

Damian Titus
Buildings
Approved
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:00 AM
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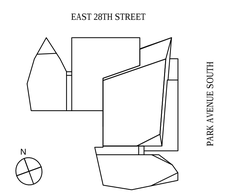
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
STAIR SECTIONS
STAIRS 1, 2, 3

DRAWING NO:
A-505.00

NYC DOB NO: 121181808

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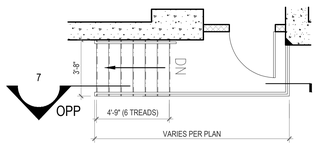
DEPT OF BLDGS121181808 Job Number
ES871152622 Scan Code



8 ENLARGED PLAN @ TYPICAL BOILER RM STAIR
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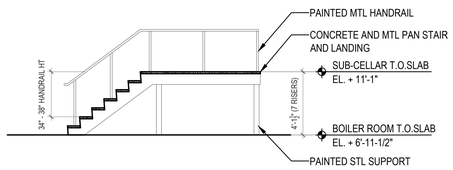

7 SECTION THROUGH TYPICAL BOILER RM STAIR
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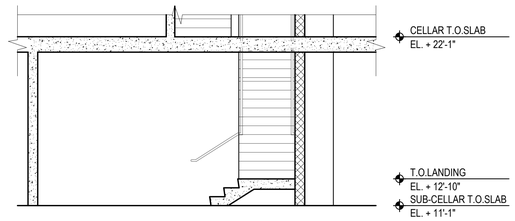

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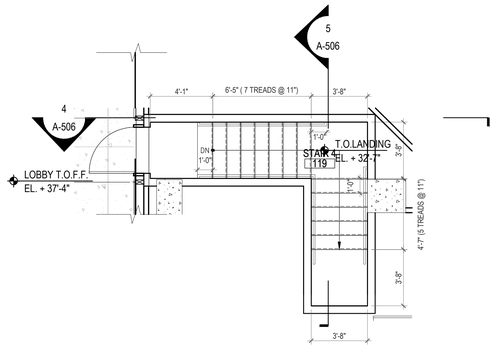

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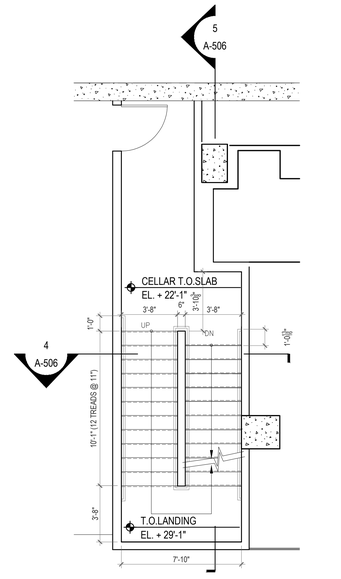

2 CELLAR
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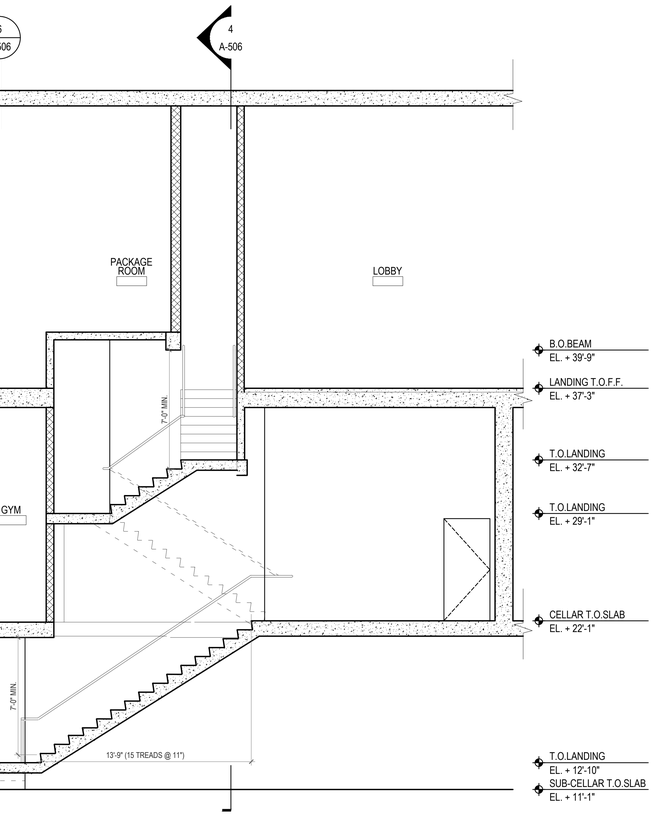

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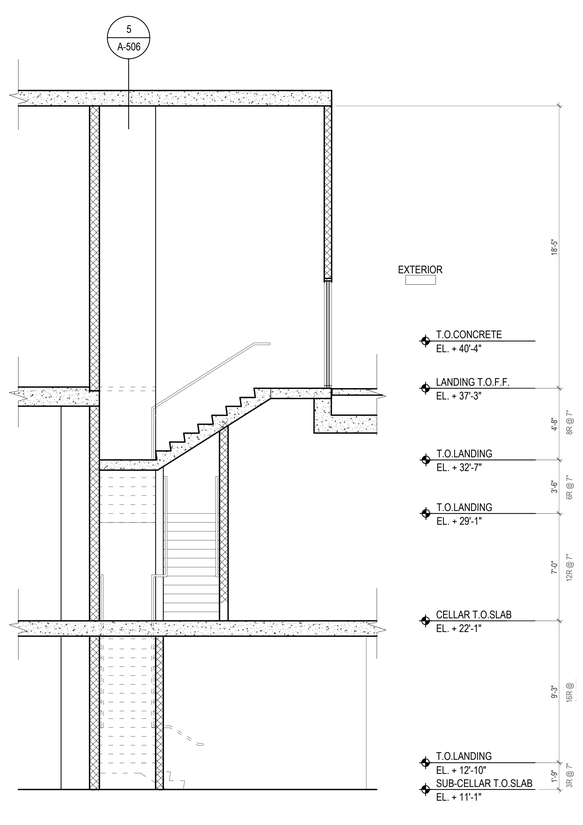

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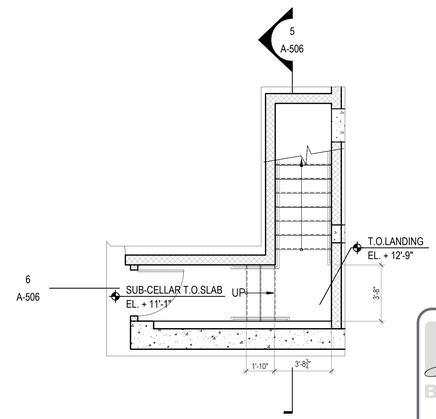

1 SUBCELLAR
Scale: 1/4" =1'-0"

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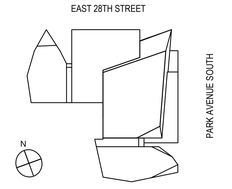

SCALE: 1/4"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019633-1 STATE OF NEW YORK

DRAWING TITLE:
MISC STAIRS 4 / BOILER ROOM

DRAWING NO:
A-506.00

NYC DOB NO: 121181808

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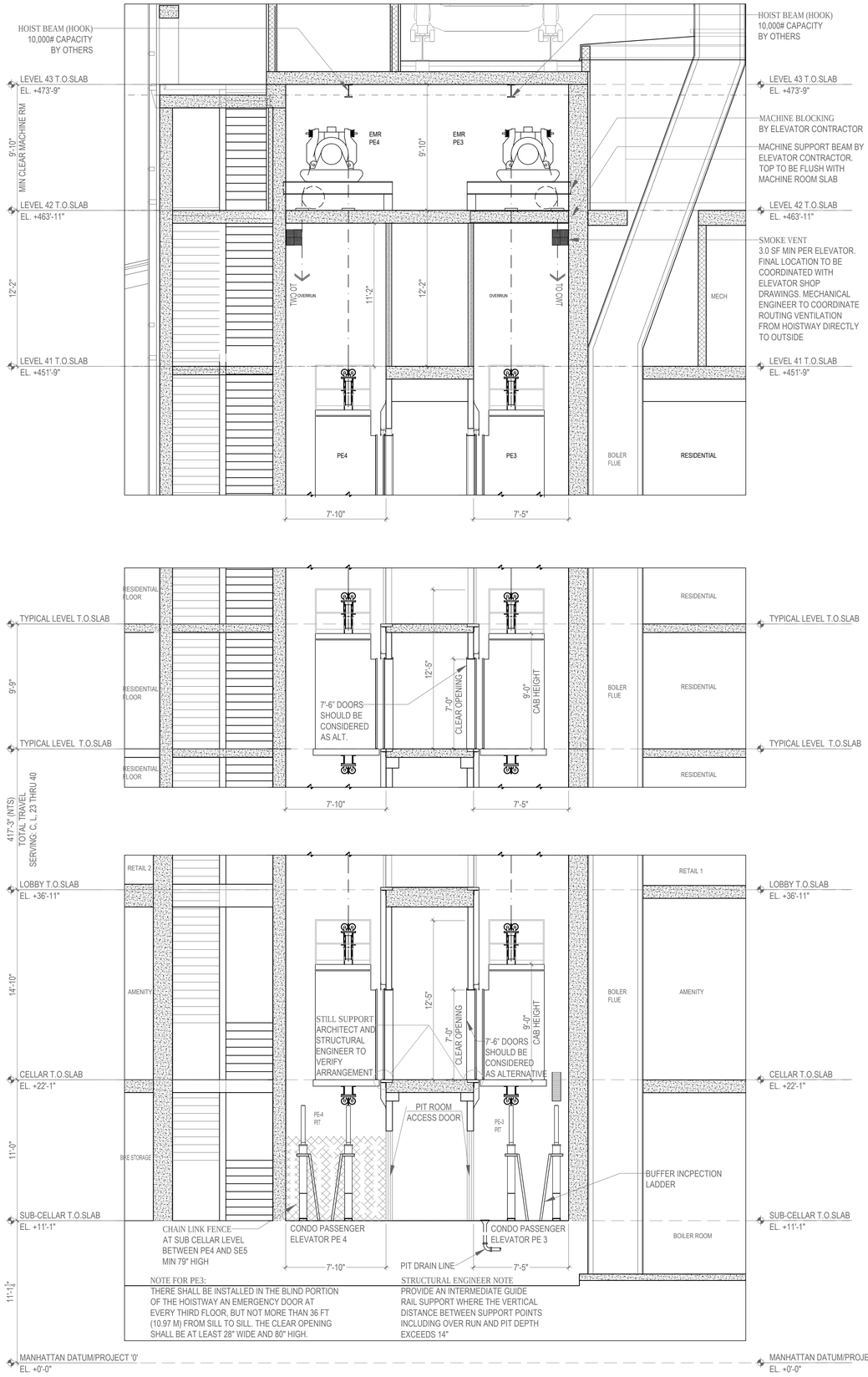
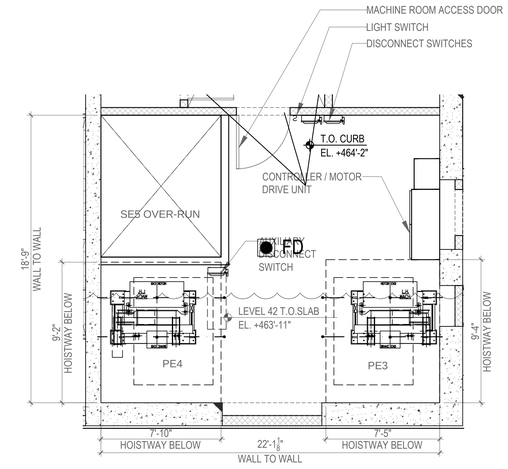
DEPT OF BLDGS121181808 Job Number
ES475819090 Scan Code



2 CONDO ELEVATORS SECTION

Scale: 1/4" =1'-0"

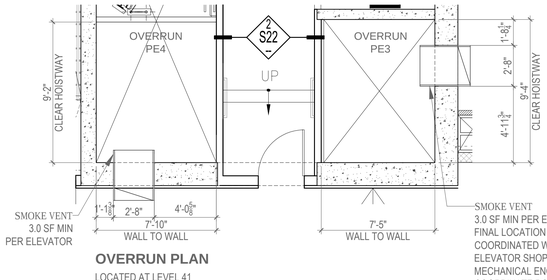


MACHINE ROOM PLAN

LOCATED AT LEVEL 42
PE3 AND PE4

NOTE:

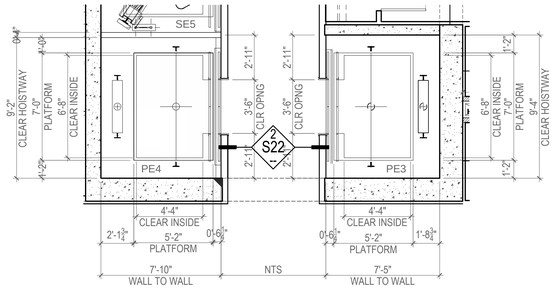
AIR CONDITIONING EQUIPMENT SHALL NOT BE LOCATED DIRECTLY ABOVE ELEVATOR EQUIPMENT. COORDINATE FINAL LOCATION OF ELEVATOR EQUIPMENT WITH THE ELEVATOR SHOP DRAWINGS



SMOKE VENT
3.0 SF MIN PER ELEVATOR.
FINAL LOCATION TO BE COORDINATED WITH ELEVATOR SHOP DRAWINGS. MECHANICAL ENGINEER TO COORDINATE ROUTING VENTILATION FROM HOISTWAY DIRECTLY TO OUTSIDE

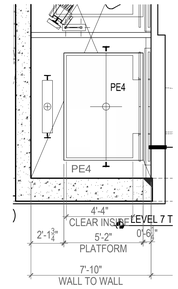
OVERRUN PLAN

LOCATED AT LEVEL 41
PE3 AND PE4



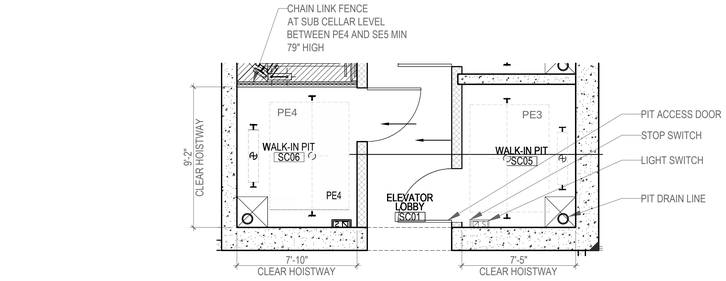
HATCH PLAN

LOCATED AT LEVEL 23-40
PE3 AND PE4



HATCH PLAN

LOCATED AT LEVEL 2-22
PE3 AND PE4



PIT PLAN

LOCATED AT SUB-CELLAR LEVEL
PE3 AND PE4

NOTE:
ELEVATOR DESIGN AS PER NYC BUILDING CODE 2008, CHAPTER 30 AND APPENDIX E

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Under Directive 2 of 1975
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1 CONDO ELEVATORS PLAN

Scale: 1/4" =1'-0"

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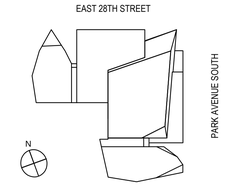
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1/4"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:

ELEVATOR PLANS AND SECTIONS AT CONDOS

DRAWING NO:

A-507.00

NYC DOB NO: 121181808

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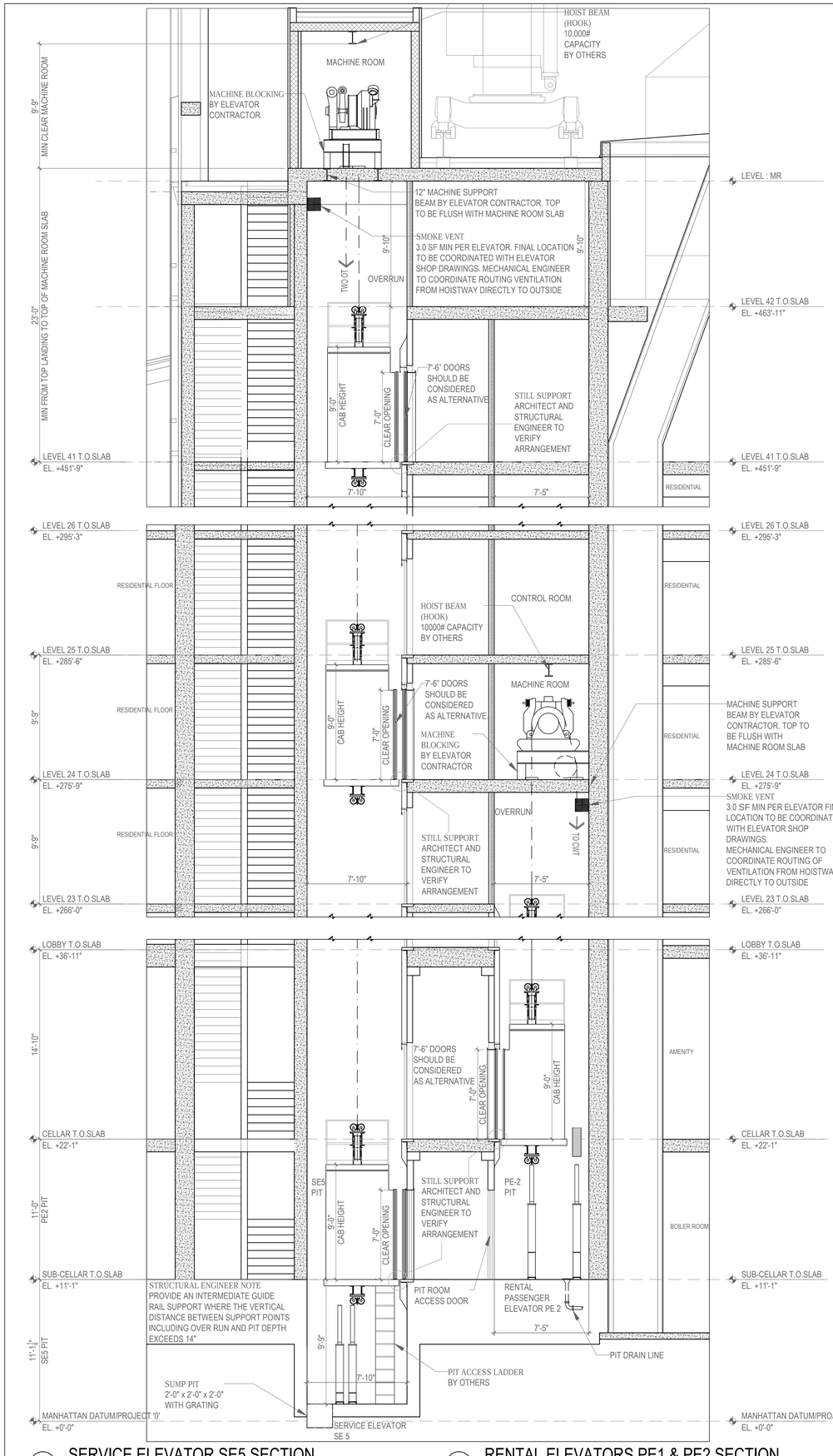
DEPT OF BLDGS 121181808 Job Number
ES8300140886 Scan Code

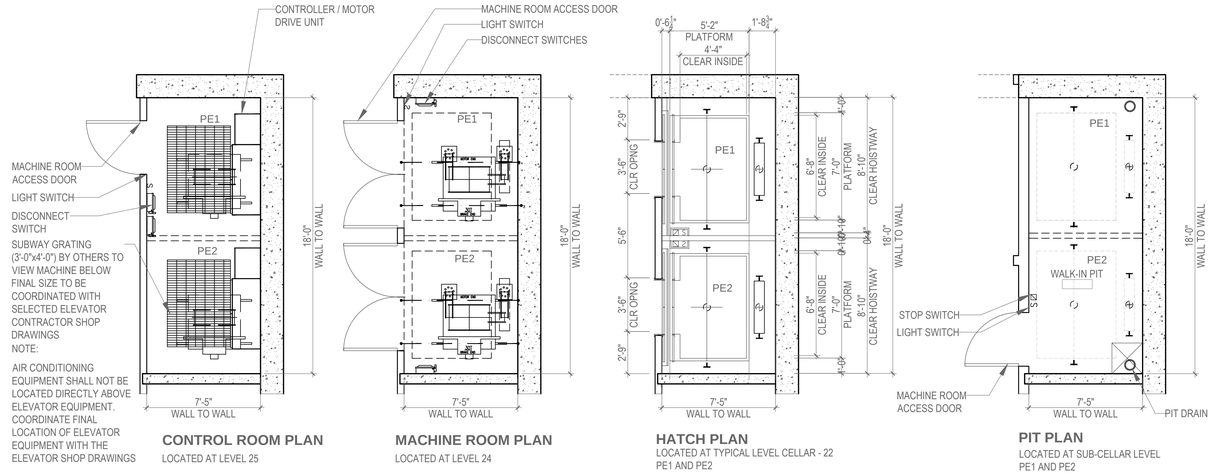


6 SERVICE ELEVATOR SE5 SECTION

Scale: 1/4" =1'-0"

5 RENTAL ELEVATORS PE1 & PE2 SECTION

Scale: 1/4" =1'-0"



CONTROL ROOM PLAN
LOCATED AT LEVEL 25

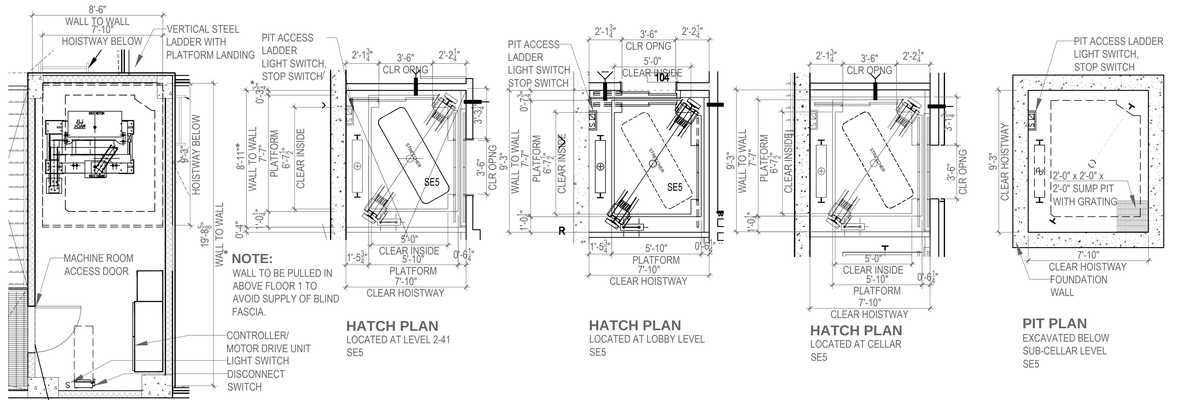
MACHINE ROOM PLAN
LOCATED AT LEVEL 24

HATCH PLAN
LOCATED AT TYPICAL LEVEL CELLAR - 22
PE1 AND PE2

PIT PLAN
LOCATED AT SUB-CELLAR LEVEL
PE1 AND PE2

4 RENTAL ELEVATORS PE1 & PE2 PLANS

Scale: 1/4" =1'-0"



MACHINE ROOM PLAN
LOCATED AT LEVEL 43

HATCH PLAN
LOCATED AT LEVEL 2-41
SE5

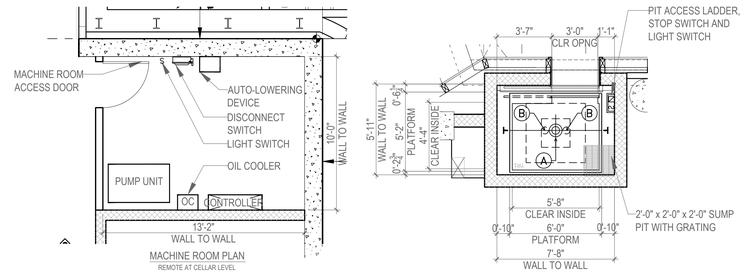
HATCH PLAN
LOCATED AT LOBBY LEVEL
SE5

HATCH PLAN
LOCATED AT CELLAR
SE5

PIT PLAN
EXCAVATED BELOW
SUB-CELLAR LEVEL
SE5

3 SERVICE ELEVATOR SE5 PLANS

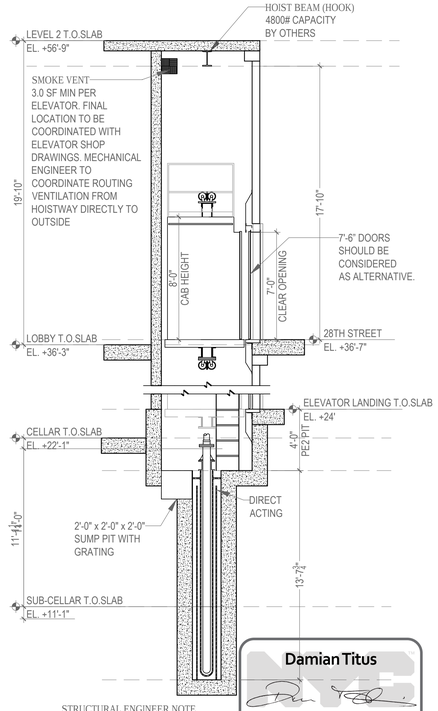
Scale: 1/4" =1'-0"



MACHINE ROOM PLAN
REMOTE AT CELLAR LEVEL

2 MTA TRANSIT ELEVATOR PLANS

Scale: 1/4" =1'-0"



1 MTA TRANSIT ELEVATOR SECTION

Scale: 1/4" =1'-0"

NOTE:
ELEVATOR DESIGN AS PER NYC BUILDING CODE 2008, CHAPTER 30 AND APPENDIX K.

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Under Directive 2 of 1975
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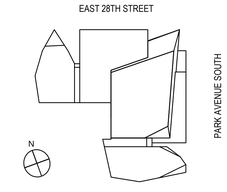
KEY PLAN



SCALE: 1/4"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
ELEVATOR PLANS AND SECTIONS
RENTALS, SERVICE, TRANSIT

DRAWING NO:
A-508.00

NYC DOB NO: 121181808

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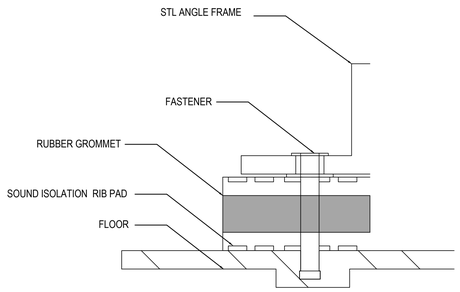

4 TYPICAL SOUND ISOLATION MOUNTING DETAIL
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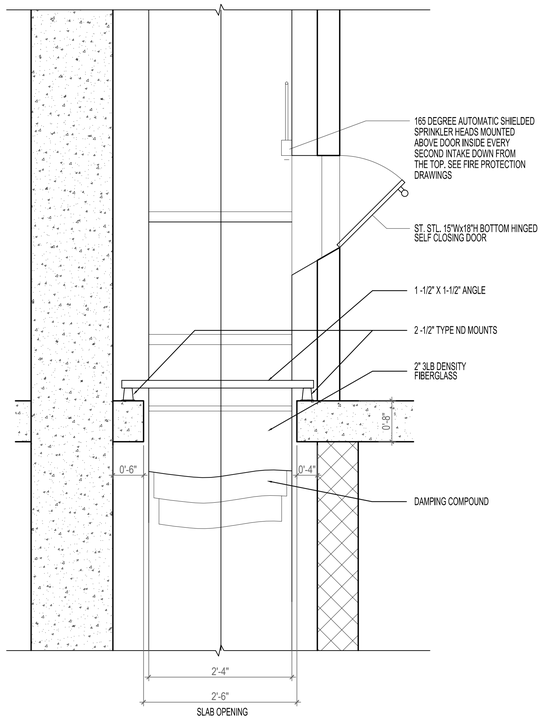

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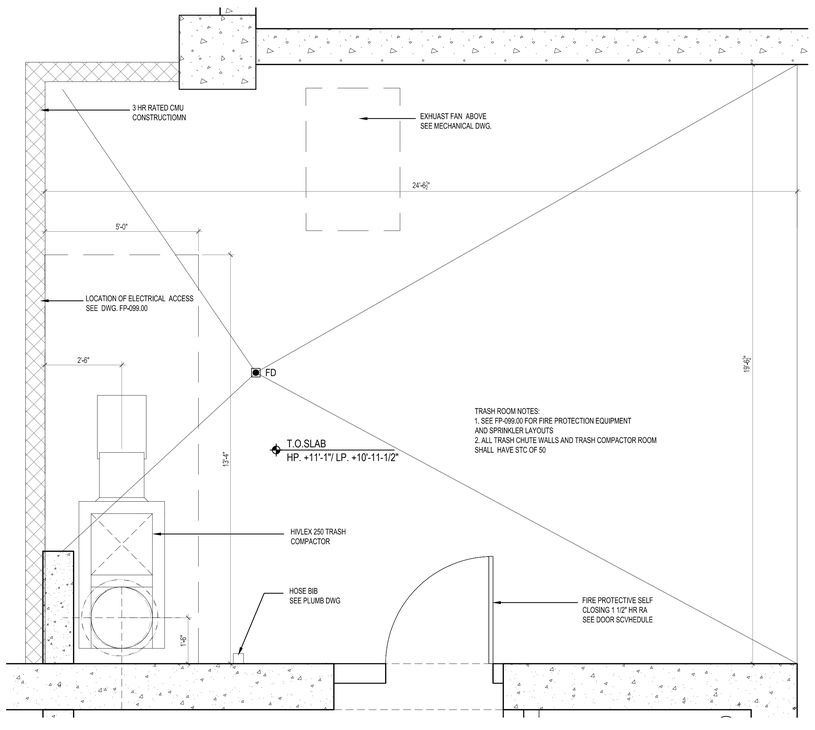

5 TRASH COMPACTOR @ SUB CELLAR LEVEL
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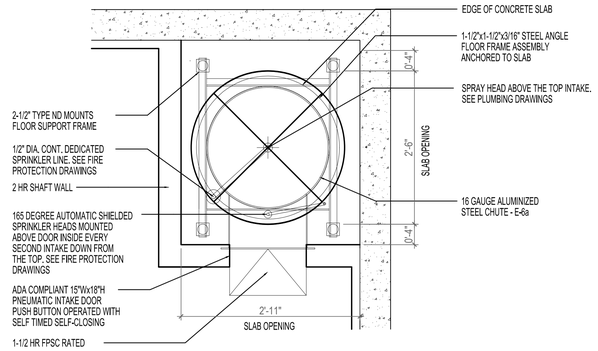

2 TRASH CHUTE PLAN DETAIL @ TYPICAL FLOORS
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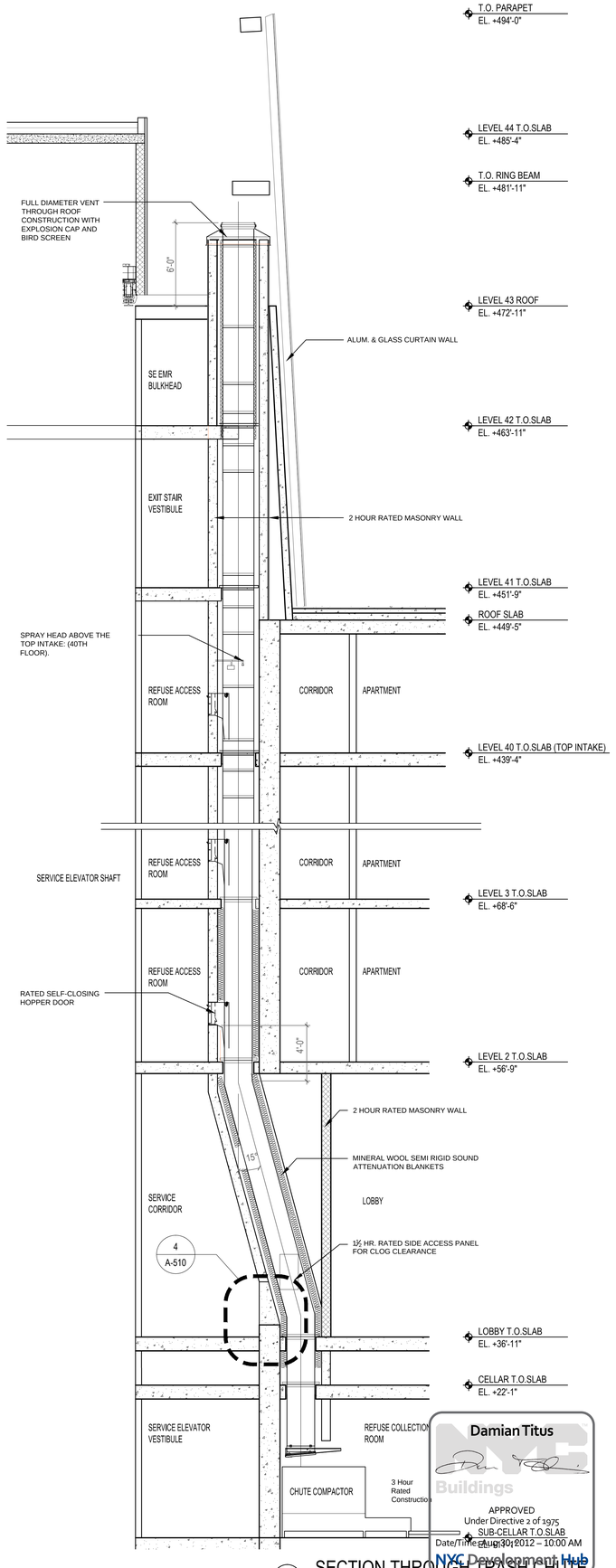

1 SECTION THROUGH TRASH CHUTE
SCALE: 1/4" =1'-0"

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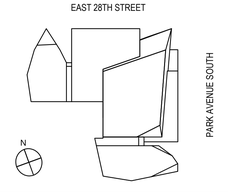
KEY PLAN



SCALE: VARIES
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
REFUSE CHUTE SECTION AND DETAILS

DRAWING NO:
A510.00

NYC DOB NO: 121181808

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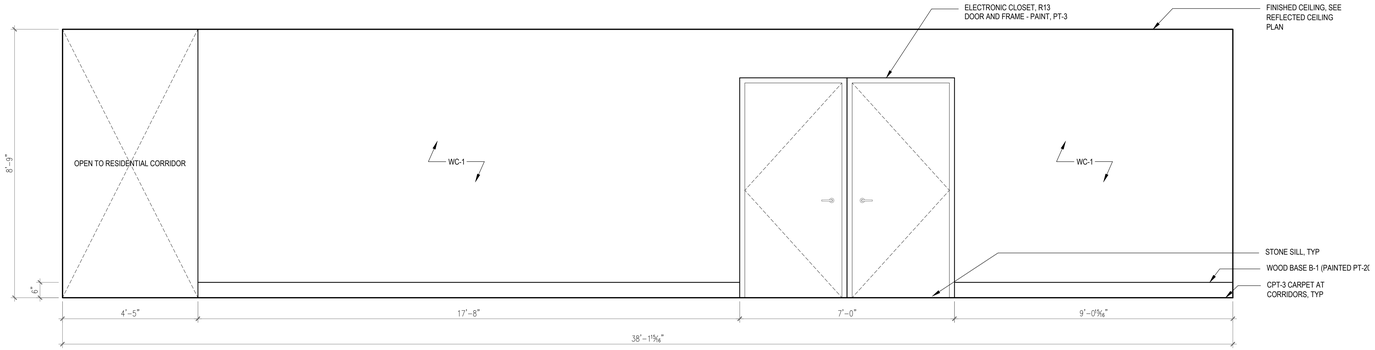

4 TYPICAL RESIDENTIAL CORRIDOR ELEVATION
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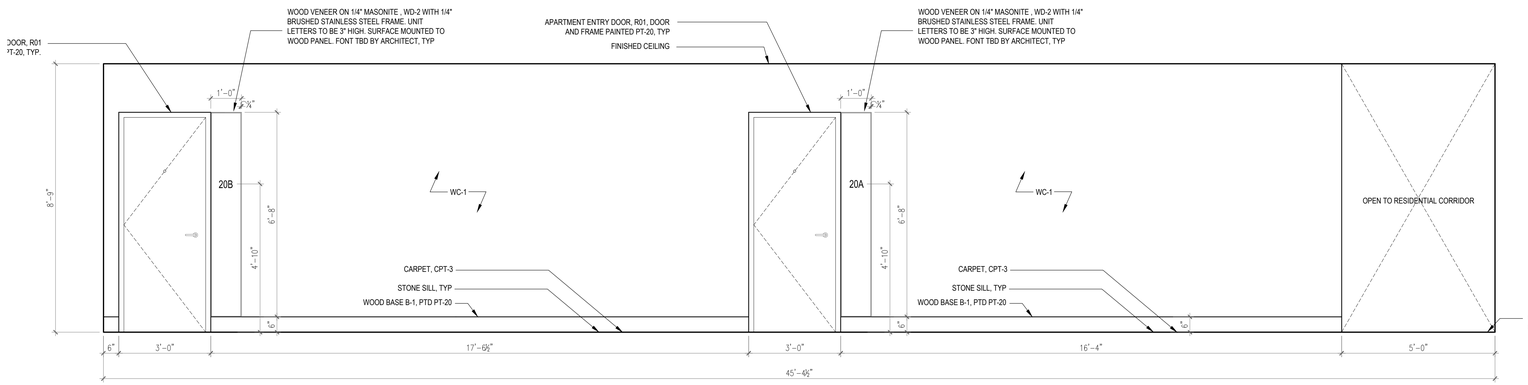

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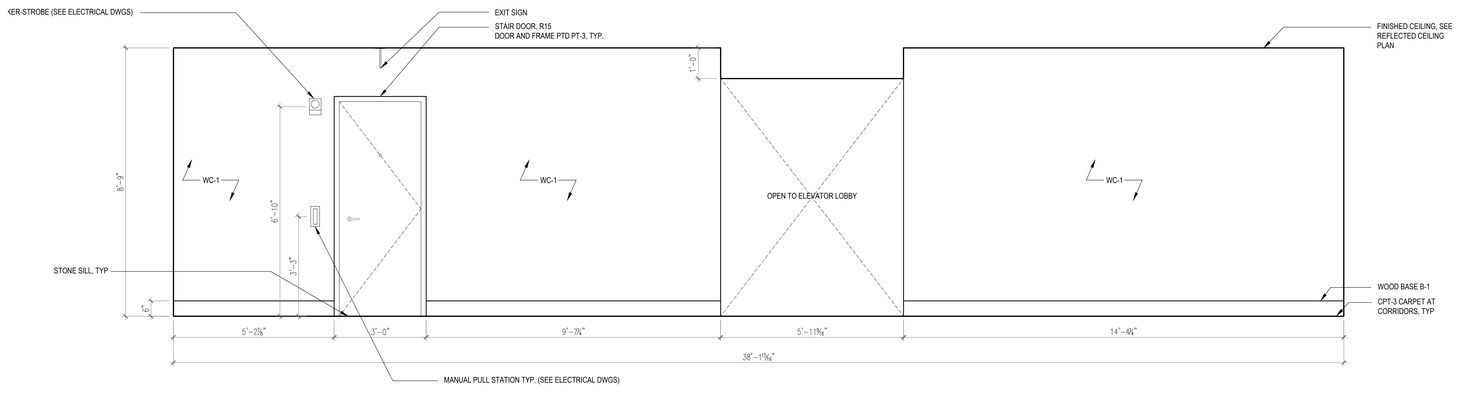

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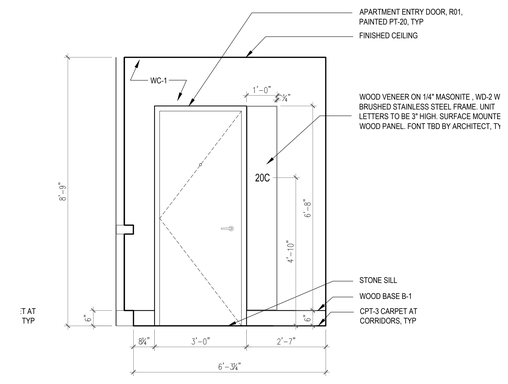

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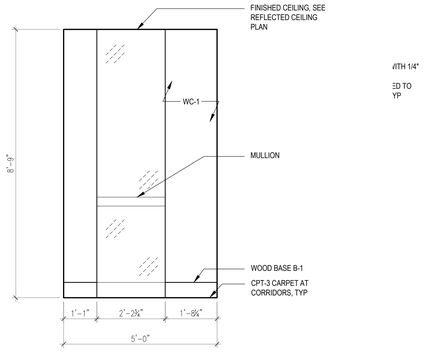
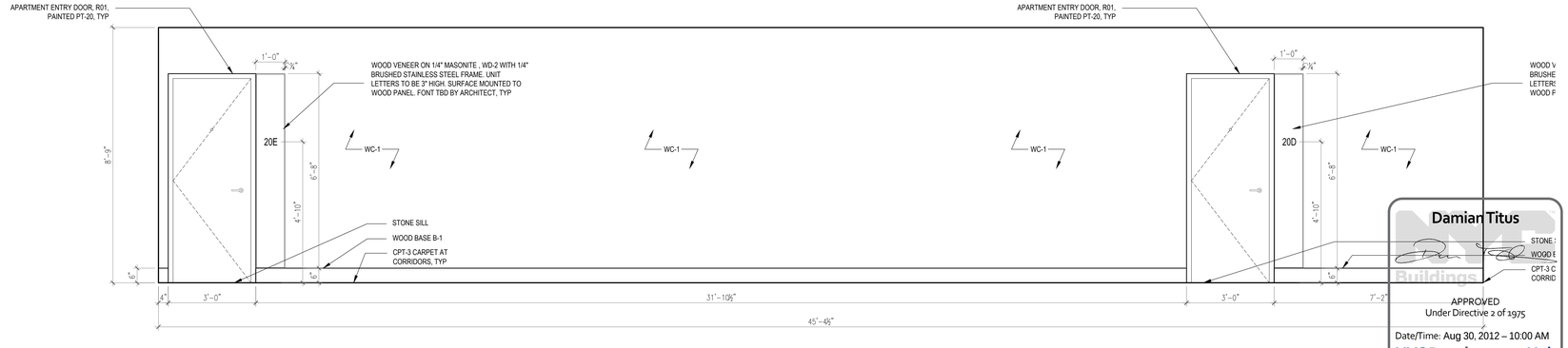


5 TYPICAL RESIDENTIAL CORRIDOR ELEVATION
Scale: 1/2" =1'-0"



1 TYPICAL RESIDENTIAL CORRIDOR ELEVATION
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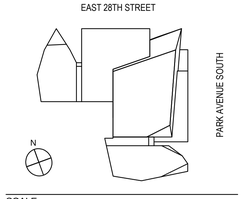
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE:
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
TYPICAL CORRIDOR ELEVATIONS FLOORS 2-22

DRAWING NO:
A550.00

NYC DOB NO: 121181808

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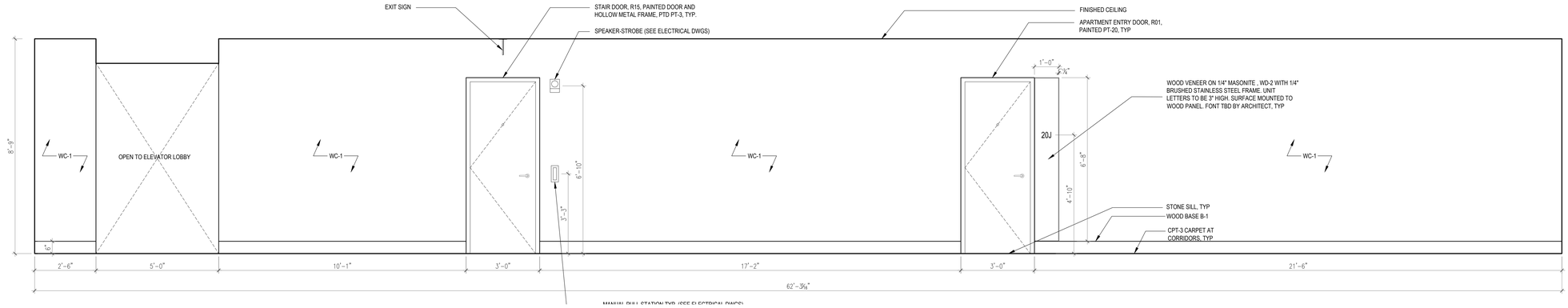
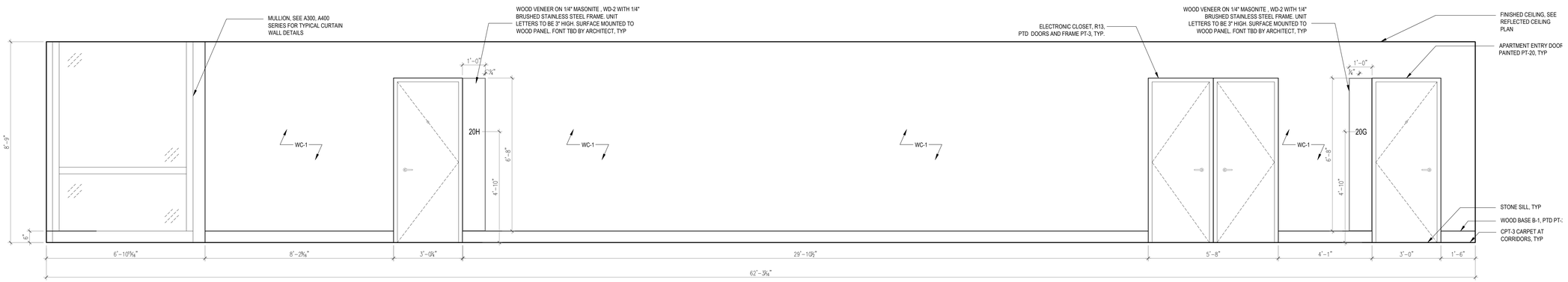
DEPT OF BLDGS121181808 Job Number
ES/ST/8/89155 Scan Code



1 TYPICAL RESIDENTIAL CORRIDOR ELEVATION

Scale: 1/2" =1'-0"



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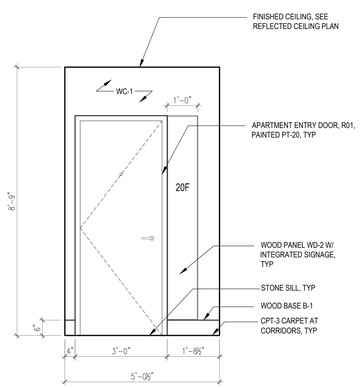

3 TYPICAL ELEVATOR LOBBY ELEVATION

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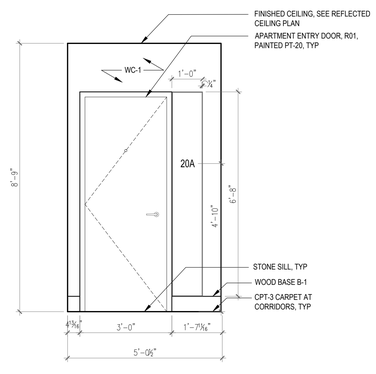

4 TYPICAL ELEVATOR LOBBY ELEVATION

Scale: 1/2" =1'-0"

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Under Directive 2 of 1975
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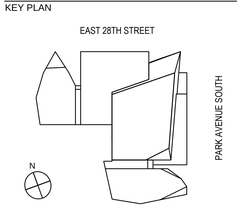
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE:
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
TYPICAL CORRIDOR ELEVATIONS FLOORS 2-22

DRAWING NO:
A551.00

NYC DOB NO: 121181808

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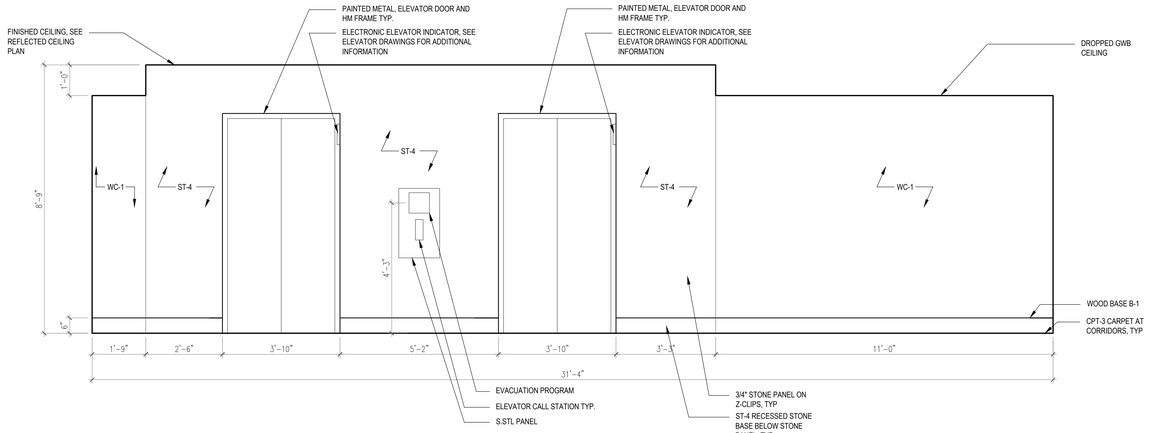
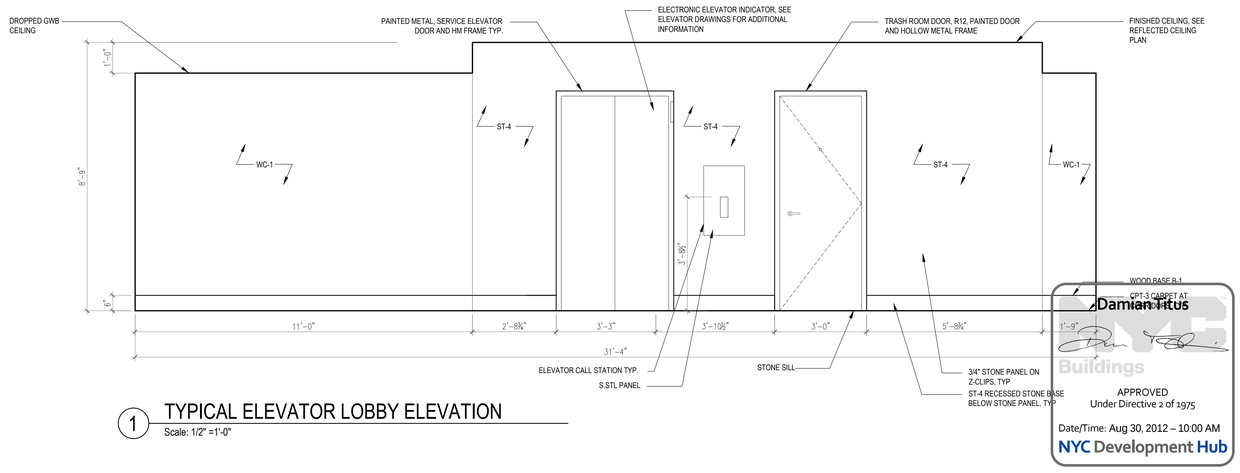
ES8392654R0 Scan Code



2 TYPICAL ELEVATOR LOBBY ELEVATION
Scale: 1/2" =1'-0"



1 TYPICAL ELEVATOR LOBBY ELEVATION
Scale: 1/2" =1'-0"

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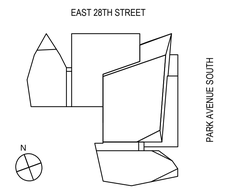
KEY PLAN



SCALE:

PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:

TYPICAL CORRIDOR ELEVATIONS FLOORS 2-22

DRAWING NO:

A552.00

NYC DOB NO: 121181808

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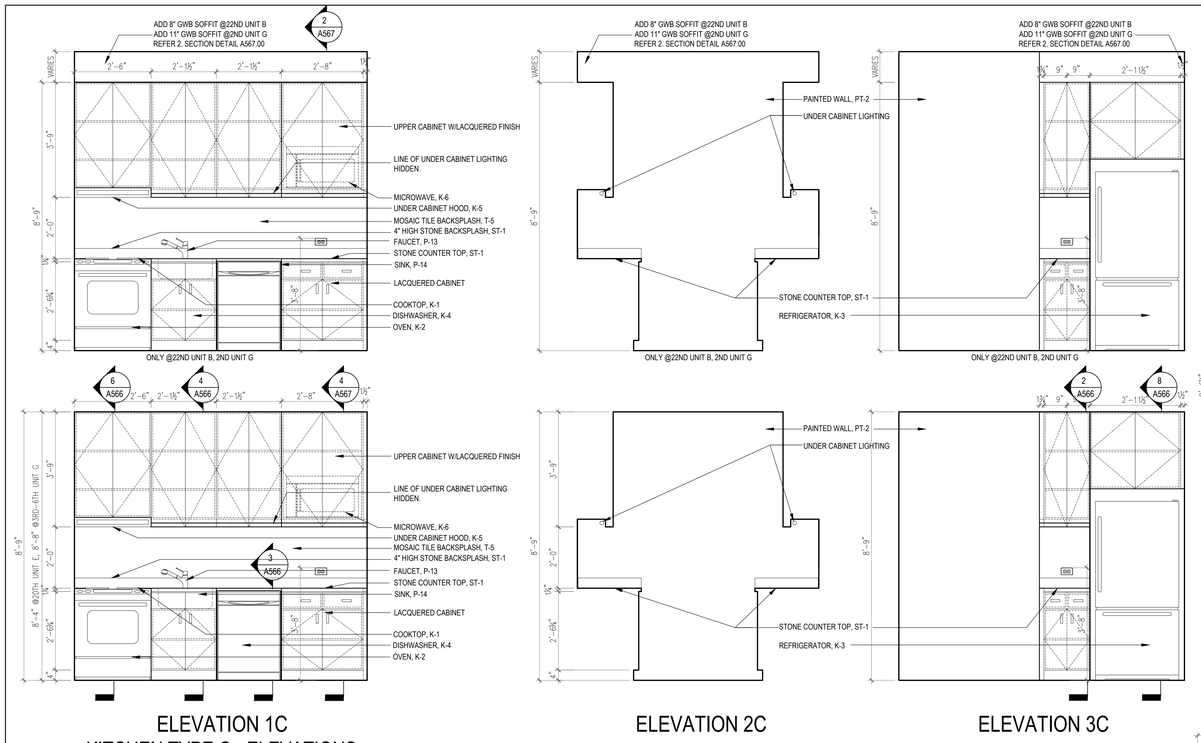
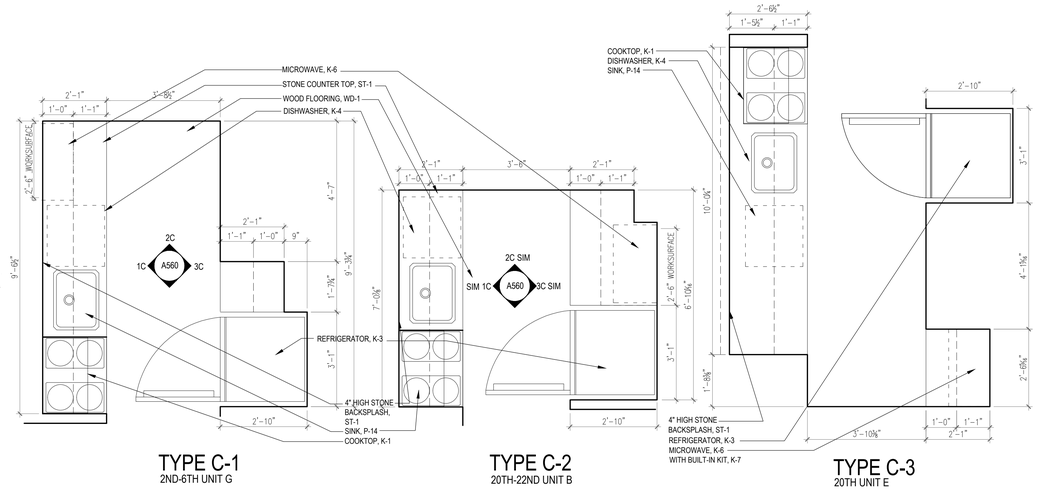
ES8693701691 Scan Code



6 KITCHEN TYPE C - ELEVATIONS

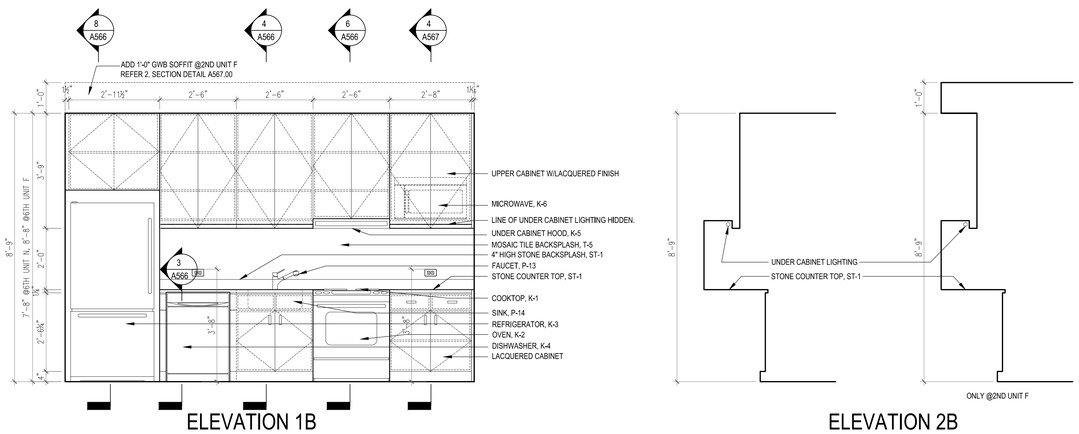
Scale: 1/2" =1'-0"



3 KITCHEN TYPE C - PLAN

Scale: 1/2" =1'-0"

2ND-6TH UNIT G
20TH-22ND UNIT B
20TH UNIT E



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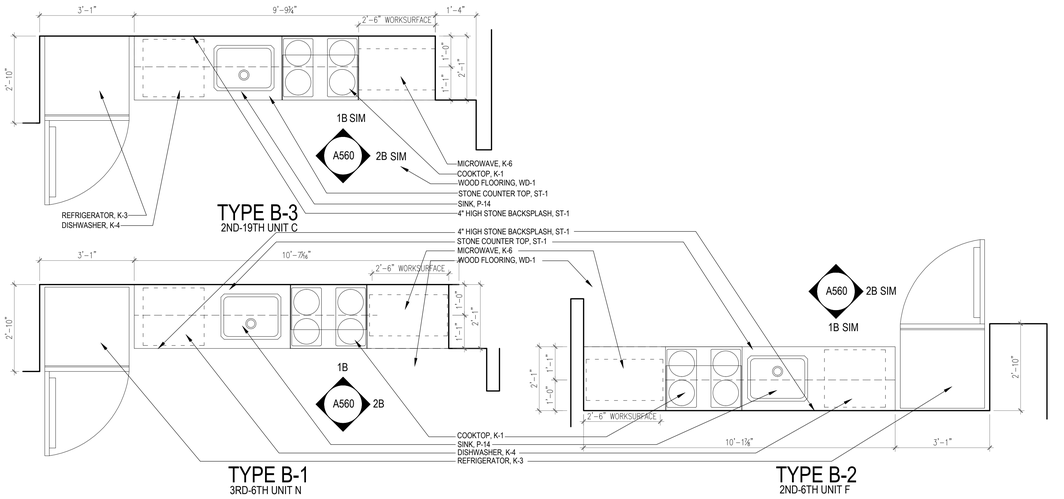
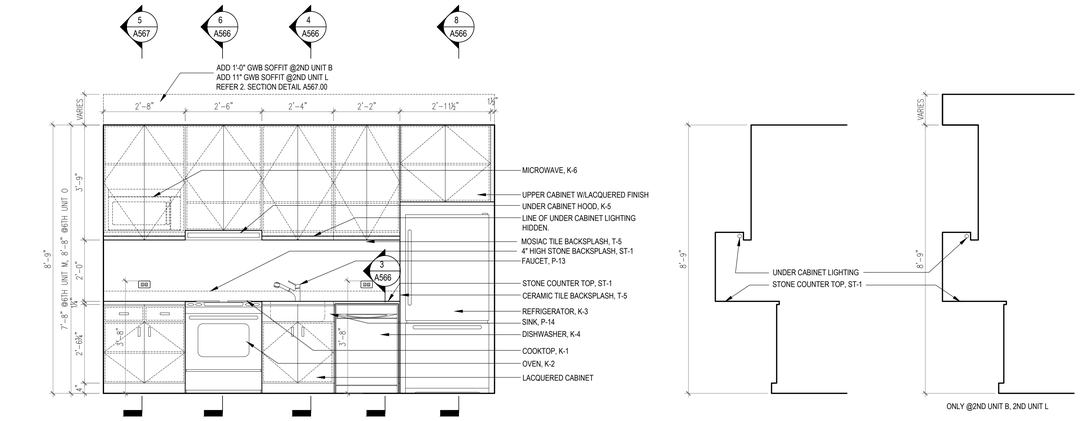


2 KITCHEN TYPE B - PLAN

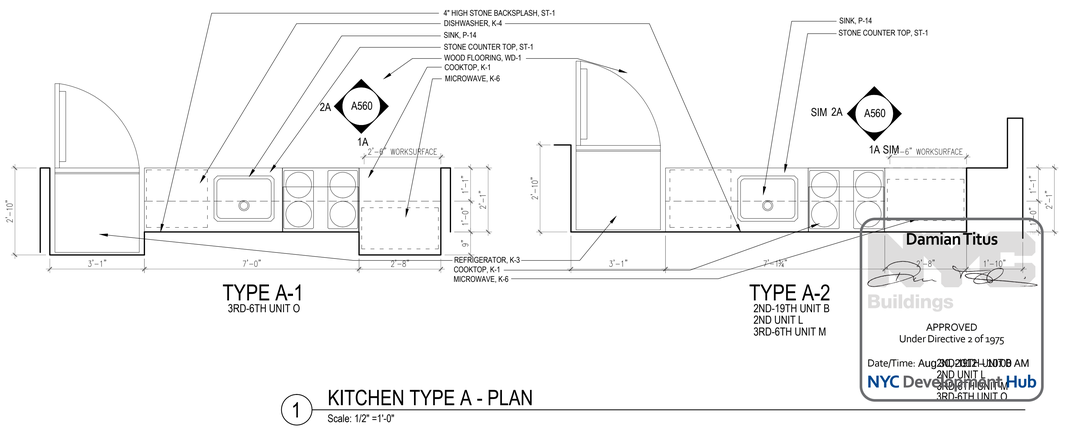
Scale: 1/2" =1'-0"

3RD-6TH UNIT N
3RD-6TH UNIT F



4 KITCHEN TYPE A - ELEVATIONS

Scale: 1/2" =1'-0"



1 KITCHEN TYPE A - PLAN

Scale: 1/2" =1'-0"

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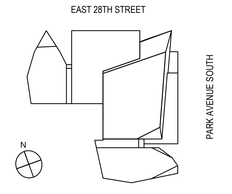

SCALE:
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
KITCHEN PLANS AND ELEVATIONS

DRAWING NO:
A560.00

NYC DOB NO: 121181808

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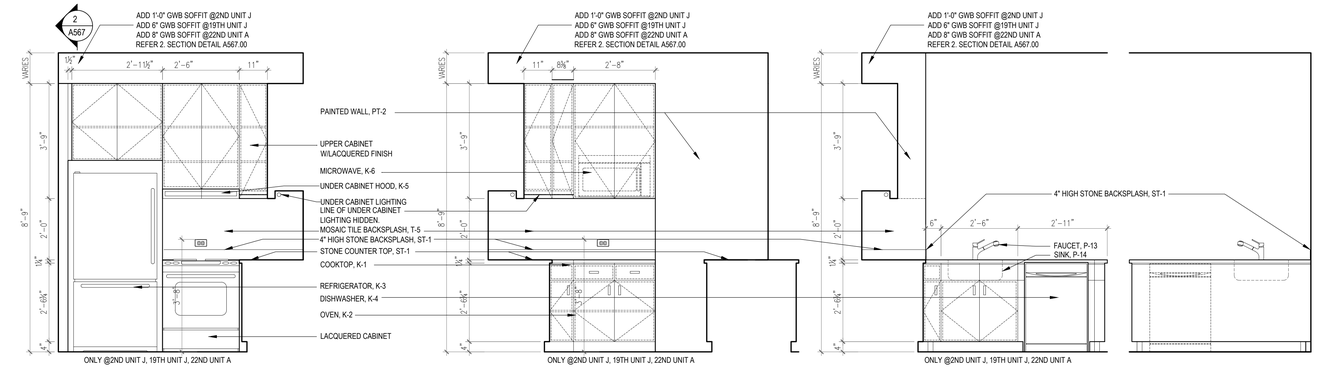
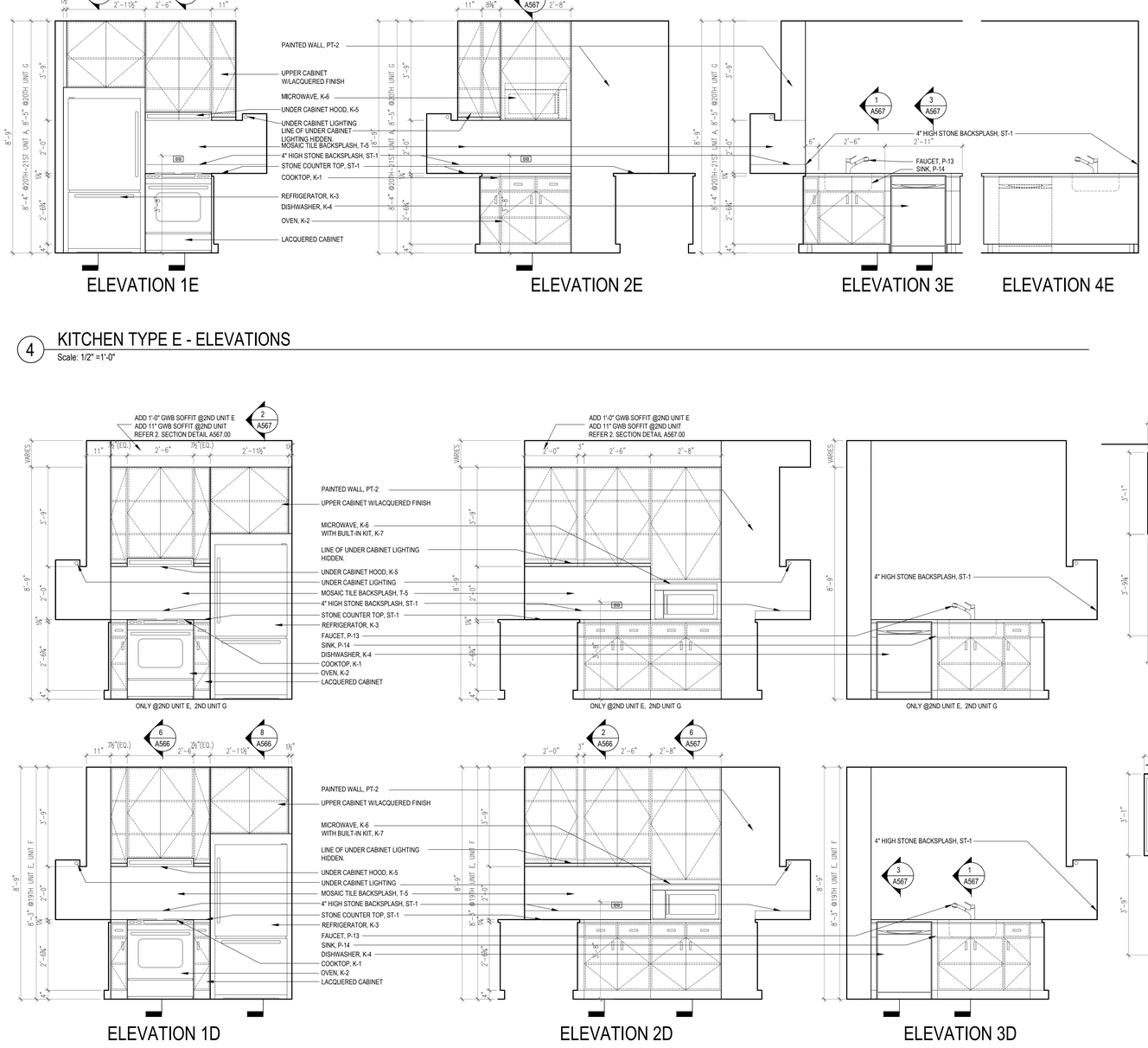
ES1017418859 Scan Code



4 KITCHEN TYPE E - ELEVATIONS

Scale: 1/2" =1'-0"



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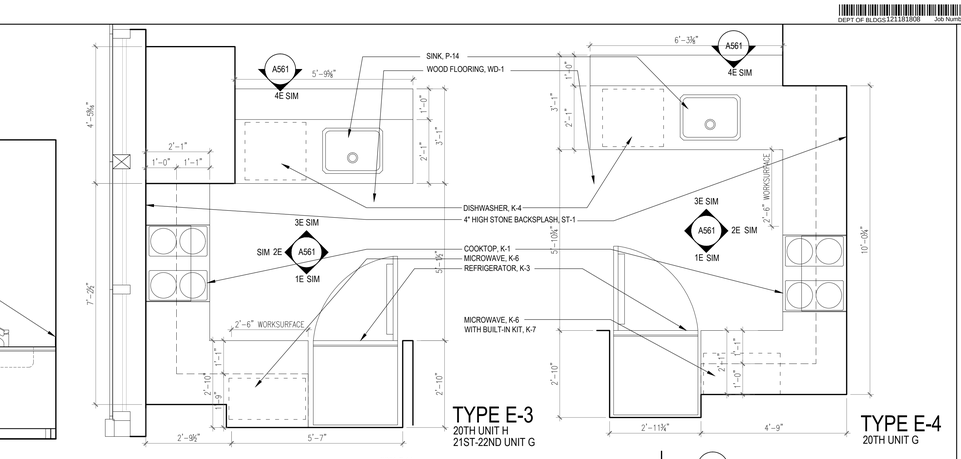
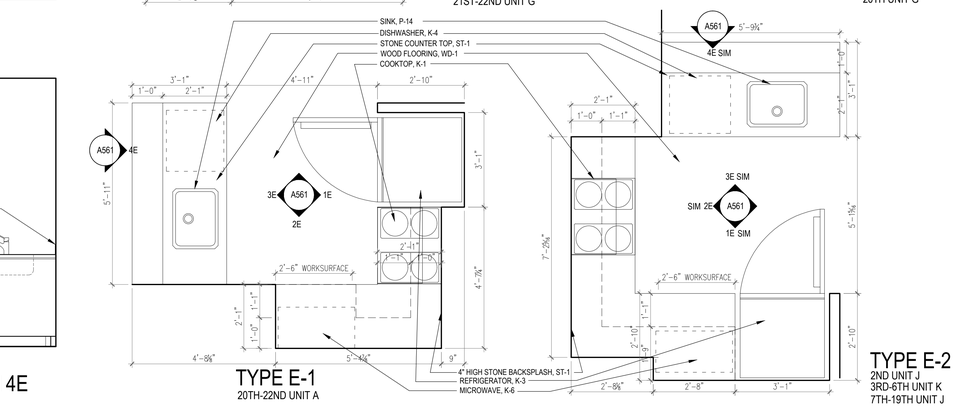




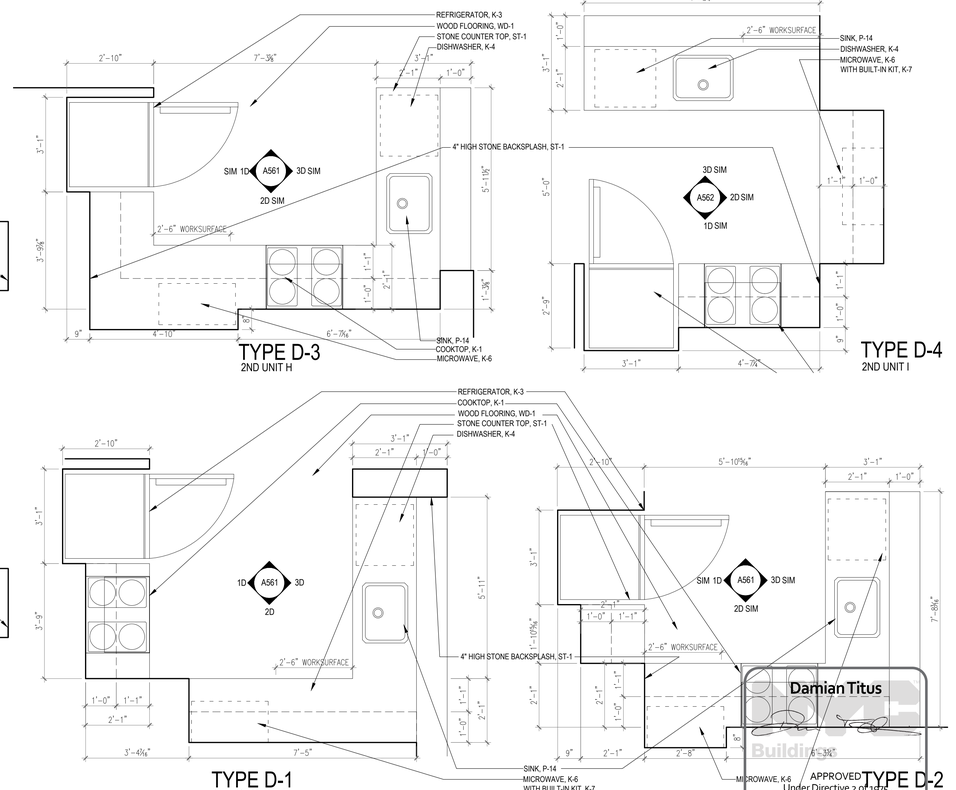
2 KITCHEN TYPE E - PLAN

Scale: 1/2" =1'-0"

20TH-22ND UNIT A
2ND UNIT J
3RD-19TH UNIT K

7TH-19TH UNIT J
20TH UNIT H
21ST-22ND UNIT G

20TH UNIT G



1 KITCHEN TYPE D - PLAN

Scale: 1/2" =1'-0"

Damian Titus
Buildi
APPROVED
Under Directive 2 of 2012
Date/Time: Aug 30, 2012 10:00:00 AM
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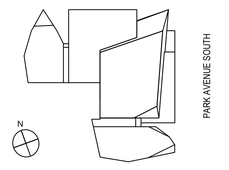
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE:
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
KITCHEN PLANS AND ELEVATIONS

DRAWING NO:
A561.00

NYC DOB NO: 121181808

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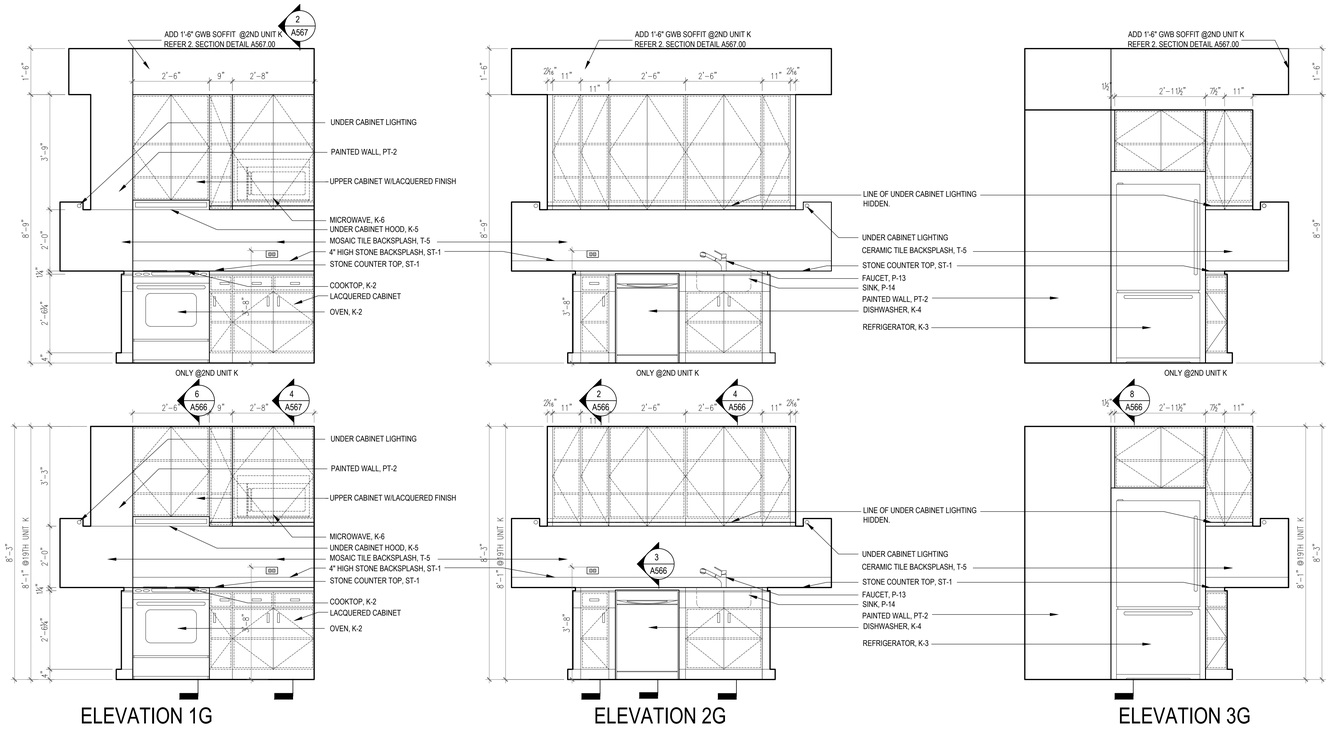
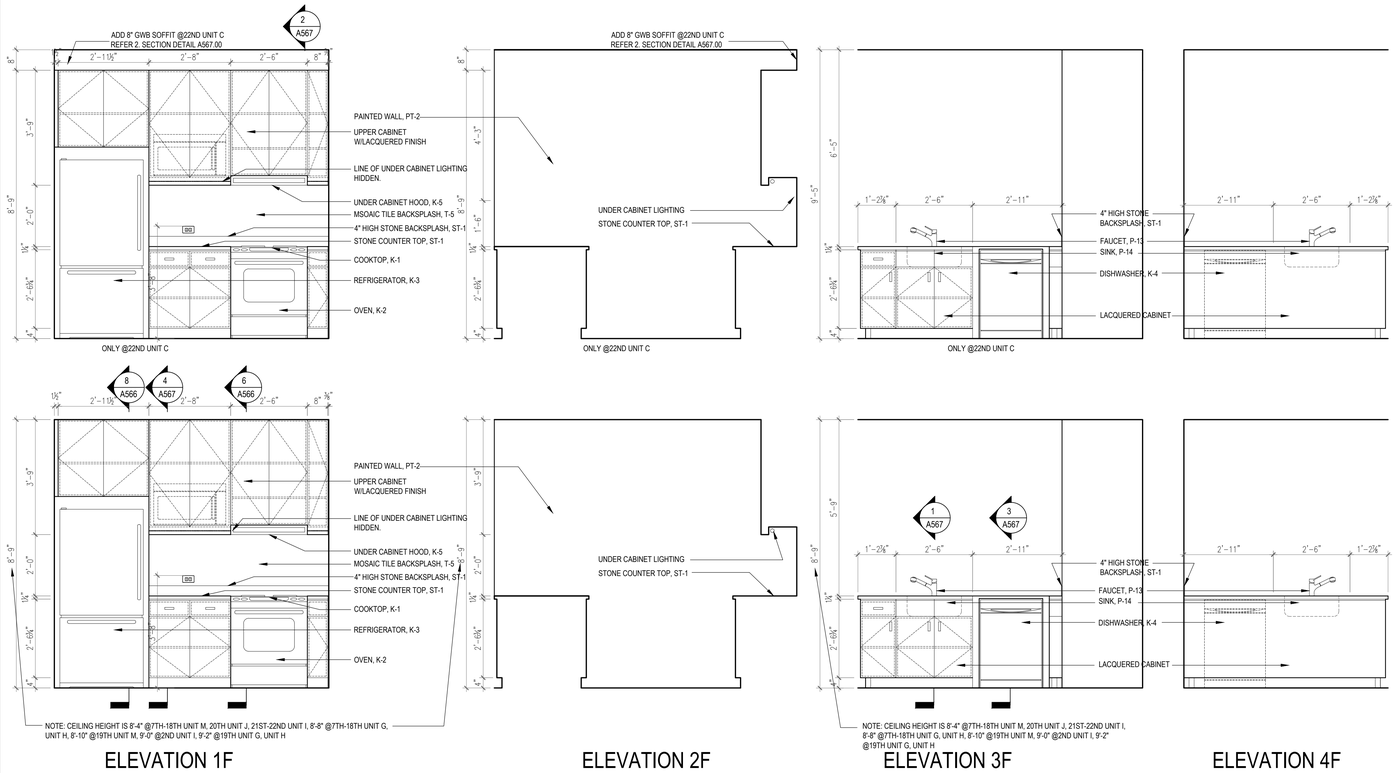
DEPT OF BLDGS121181808 Job Number
ES6813114723 Scan Code



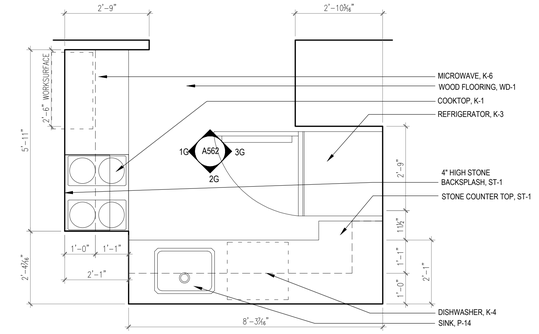
4 KITCHEN TYPE G - ELEVATIONS

Scale: 1/2" =1'-0"



3 KITCHEN TYPE F - ELEVATIONS

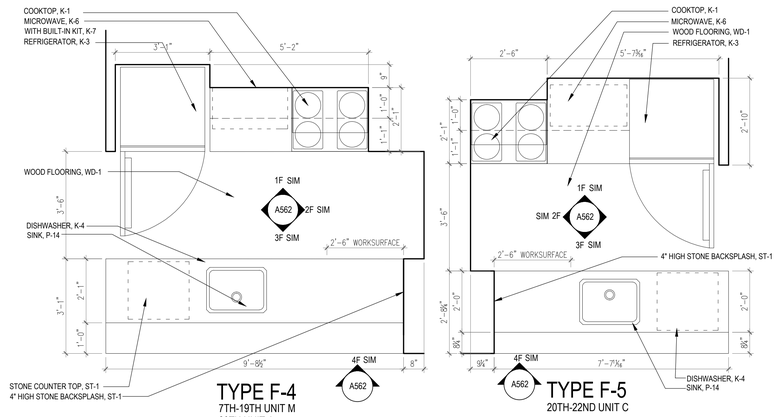
Scale: 1/2" =1'-0"



2 KITCHEN TYPE G - PLAN

Scale: 1/2" =1'-0"

2ND UNIT K
3RD-6TH UNIT L
7TH-19TH UNIT K



1 KITCHEN TYPE F - PLAN

Scale: 1/2" =1'-0"

Damian Titus
Buildings
20ST-22ND UNIT C
7TH-19TH UNIT H
APPROVED 19TH UNIT G
Under Direct 7TH-19TH UNIT M
20TH UNIT J
Date/Time: Aug 30 2012 8:00:07 AM
21ST-22ND UNIT I
NYC Development Hub

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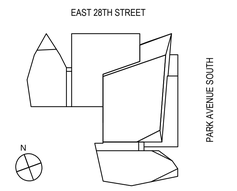
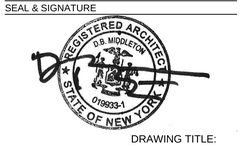
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE:
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
KITCHEN PLANS AND ELEVATIONS

DRAWING NO:
A562.00

NYC DOB NO: 121181808

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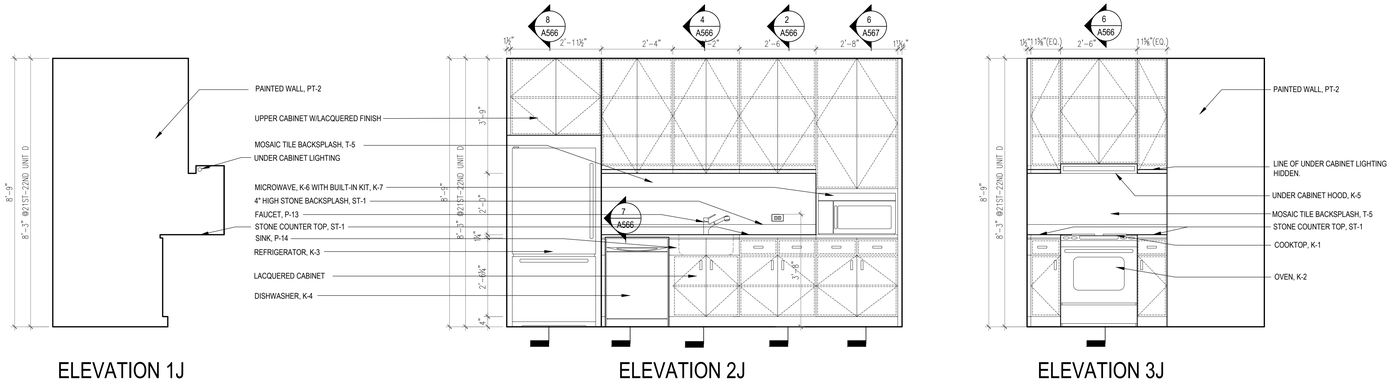
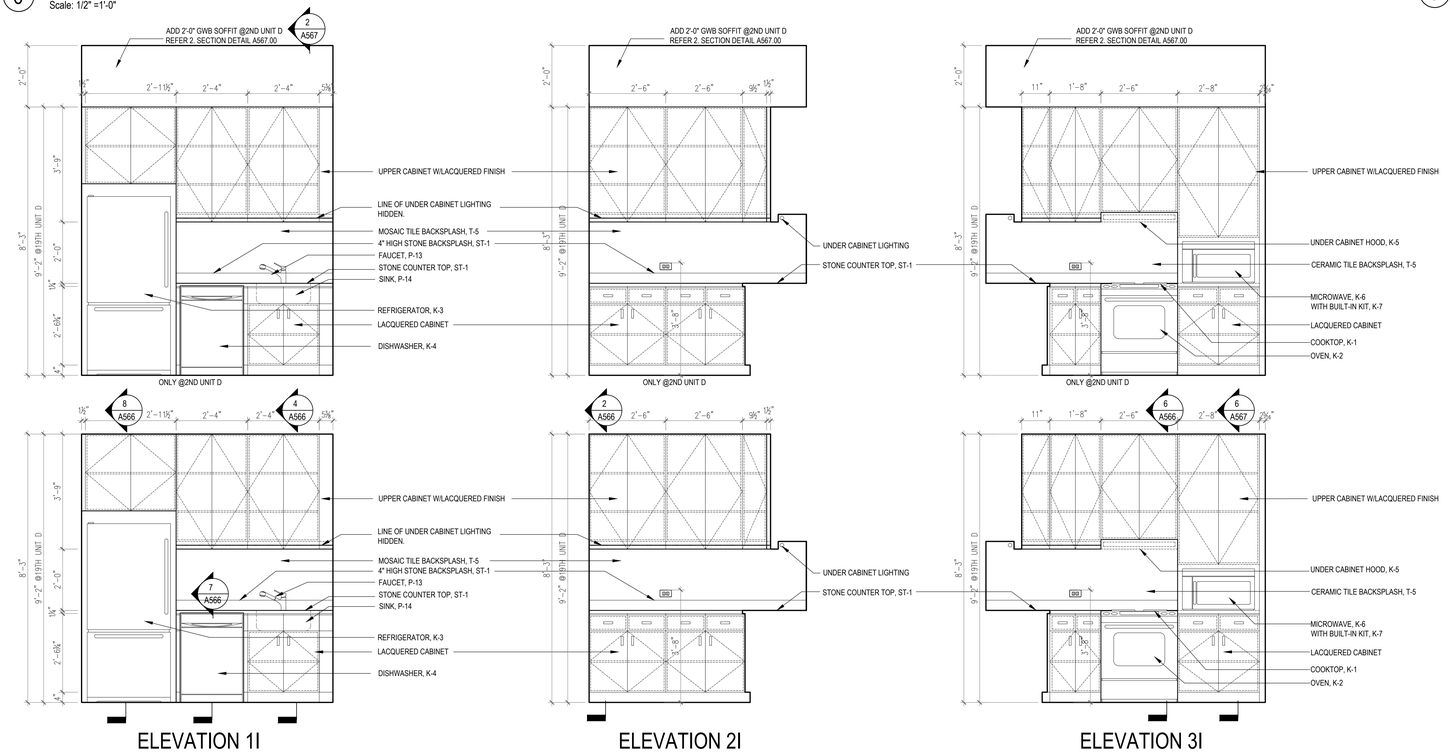
ES2550096327 Scan Code



ELEVATION 1J | ELEVATION 2J | ELEVATION 3J

6 KITCHEN TYPE J - ELEVATIONS

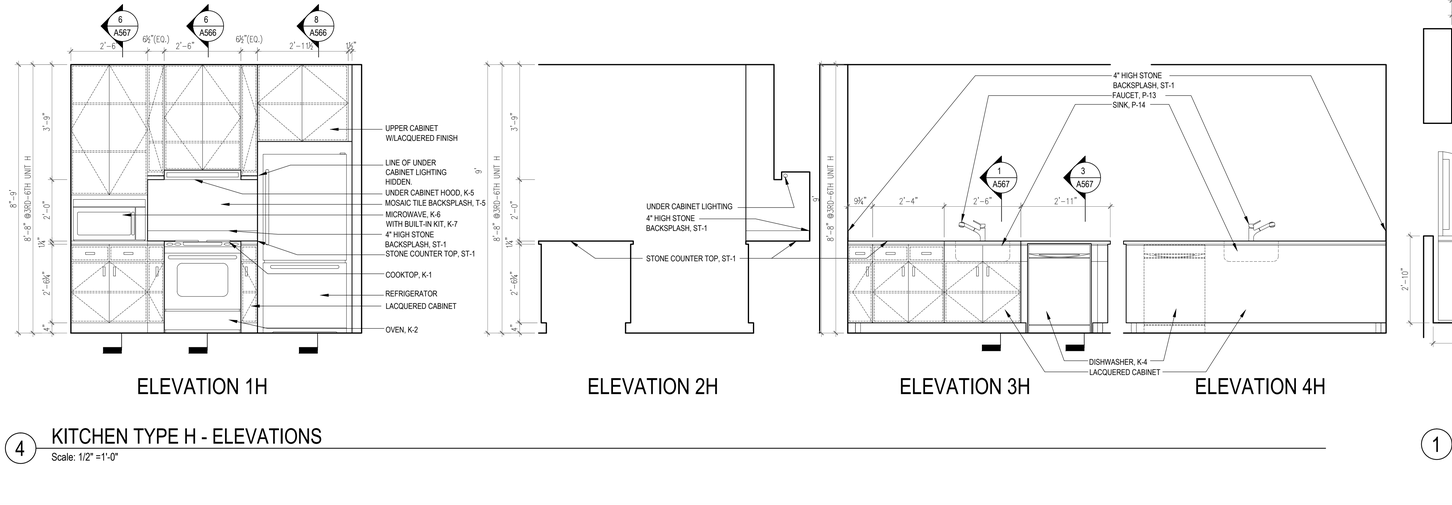
Scale: 1/2" =1'-0"



ELEVATION 1I | ELEVATION 2I | ELEVATION 3I

5 KITCHEN TYPE I - ELEVATIONS

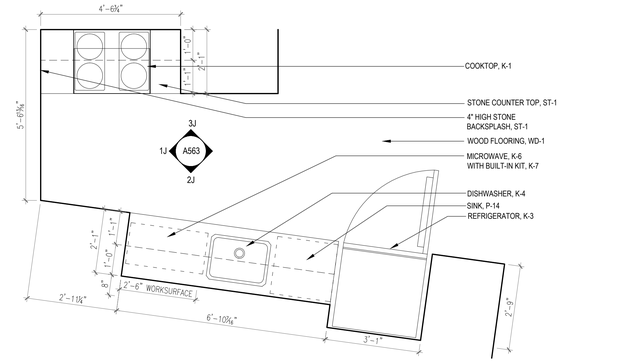
Scale: 1/2" =1'-0"



ELEVATION 1H | ELEVATION 2H | ELEVATION 3H | ELEVATION 4H

4 KITCHEN TYPE H - ELEVATIONS

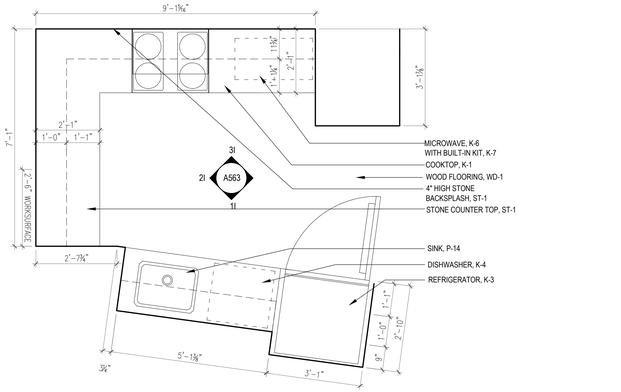
Scale: 1/2" =1'-0"



3 KITCHEN TYPE J - PLAN

20TH-22ND UNIT D

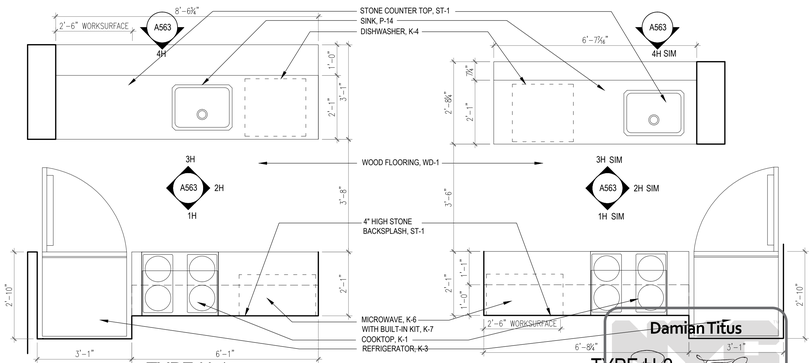
Scale: 1/2" =1'-0"



2 KITCHEN TYPE I - PLAN

2ND-19TH UNIT D

Scale: 1/2" =1'-0"



TYPE H-1
3RD-6TH UNIT H

TYPE H-2
20TH UNIT I
21ST-22ND UNIT H

1 KITCHEN TYPE H - PLAN

Scale: 1/2" =1'-0"

Damian Titus
APPROVED
Under Direction of: 3RD-6TH UNIT H
20TH UNIT I
Date/Time: Aug 30 2012 2:24:00 PM
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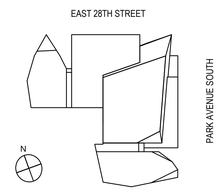
KEY PLAN



SCALE:

PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:

KITCHEN PLANS AND ELEVATIONS

DRAWING NO:

A563.00

NYC DOB NO: 121181808

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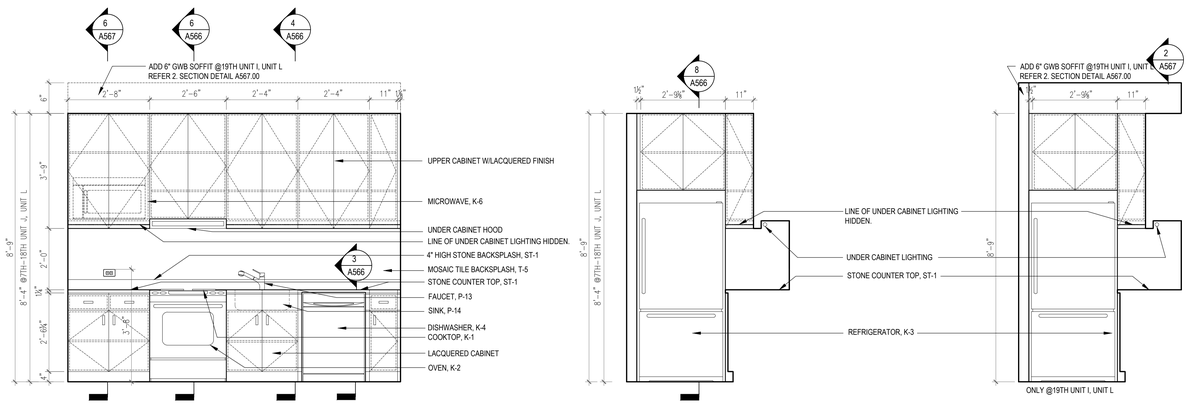
ES668391487 Scan Code

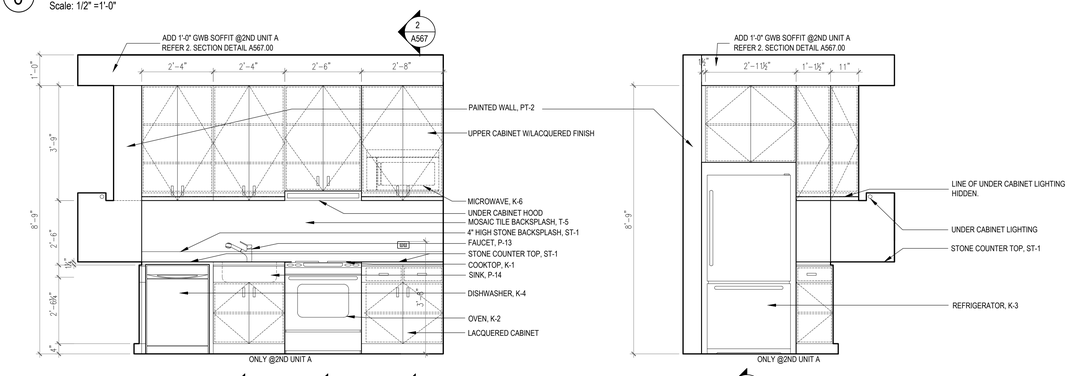


ELEVATION 1M

ELEVATION 2M

6 KITCHEN TYPE M - ELEVATIONS

Scale: 1/2" =1'-0"

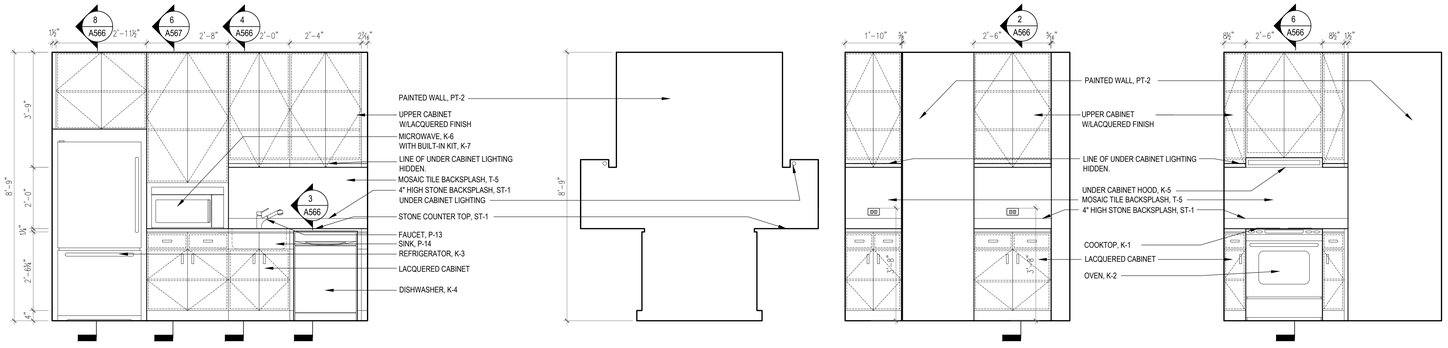


ELEVATION 1L

ELEVATION 2L

4 KITCHEN TYPE L - ELEVATIONS

Scale: 1/2" =1'-0"



ELEVATION 1K

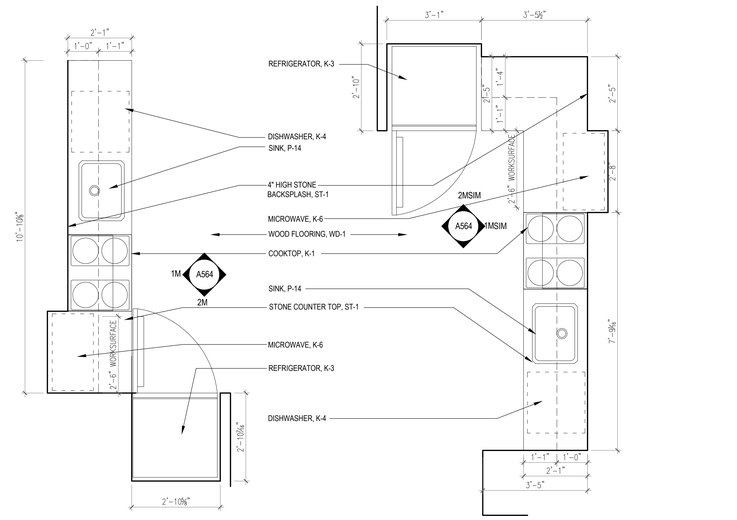
ELEVATION 2K

ELEVATION 3K

ELEVATION 4K

4 KITCHEN TYPE K - ELEVATIONS

Scale: 1/2" =1'-0"



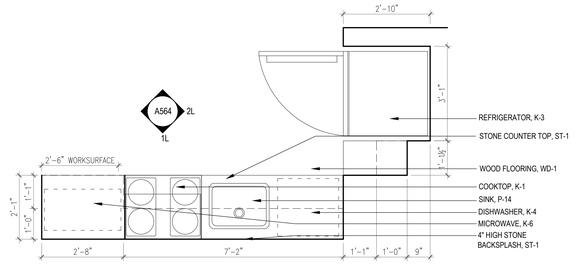
TYPE M-1
3RD-6TH UNIT J
7TH-19TH UNIT I

TYPE M-2
7TH-19TH UNIT L

3RD-6TH UNIT J
7TH-19TH UNIT I
7TH-19TH UNIT L

3 KITCHEN TYPE M - PLAN

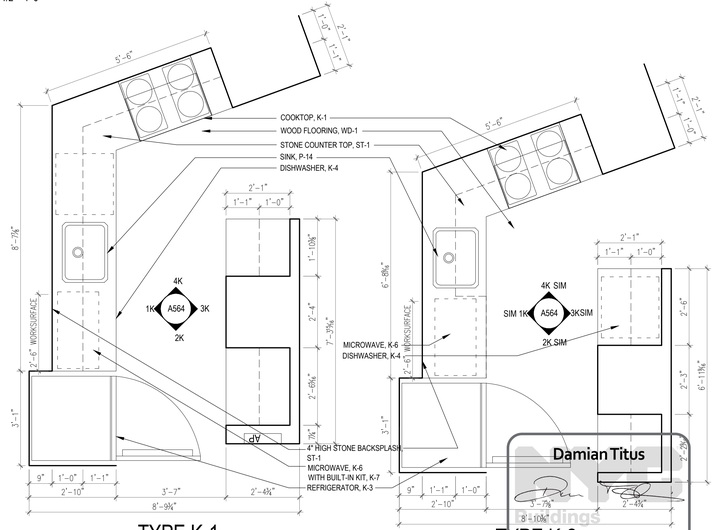
Scale: 1/2" =1'-0"



TYPE K-2
2ND-19TH UNIT A

2 KITCHEN TYPE L - PLAN

Scale: 1/2" =1'-0"



TYPE K-1
20TH UNIT F

1 KITCHEN TYPE K - PLAN

Scale: 1/2" =1'-0"

Damian Titus
Buildings
APPROVED
21ST-22ND UNIT F
NYC Building Code
Date/Time: Aug 30 2012 10:07 AM
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1407 BROADWAY STREET
NEW YORK, NY 10018
T: 212.243.3315

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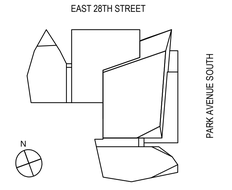
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE:

PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:

KITCHEN PLANS AND ELEVATIONS

DRAWING NO:

A564.00

NYC DOB NO: 121181808

Reviewed for Compliance with Fair Housing Directive 2 of 1975
20TH UNIT F
21ST-22ND UNIT F

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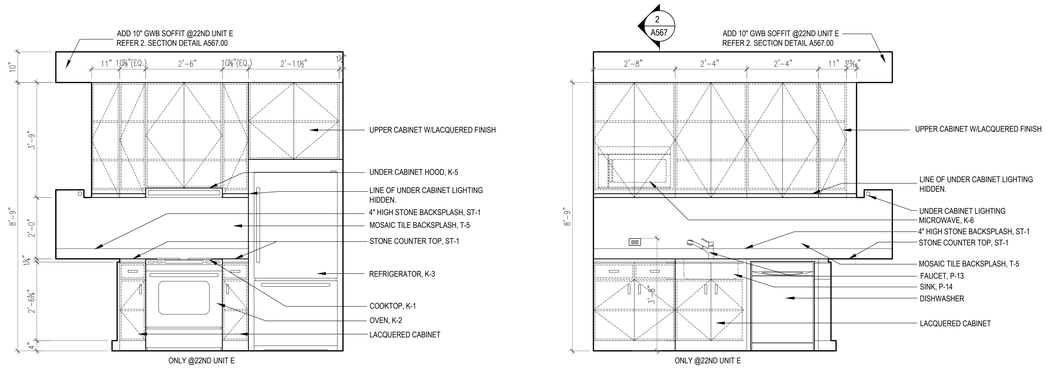
DEPT OF BLDGS 121181808 Job Number
ES1223944226 Scan Code

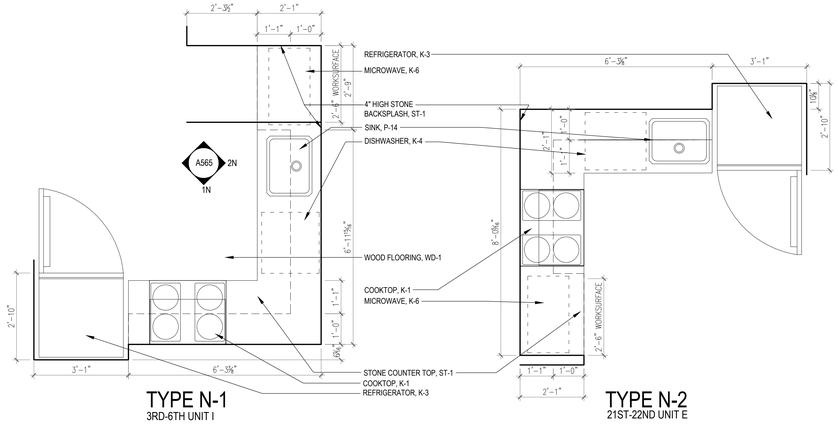


ELEVATION 1N

ELEVATION 2N

2 KITCHEN TYPE N - ELEVATIONS

Scale: 1/2" =1'-0"



TYPE N-1
3RD-6TH UNIT I

TYPE N-2
21ST-22ND UNIT E

1 KITCHEN TYPE N - PLAN

Scale: 1/2" =1'-0"

Damian Titus
3RD-6TH UNIT I
21ST-22ND UNIT E

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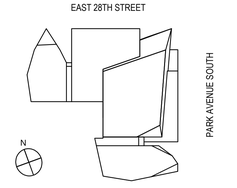
KEY PLAN



SCALE:
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019633-1 STATE OF NEW YORK

DRAWING TITLE:
KITCHEN PLANS AND ELEVATIONS

DRAWING NO:
A565.00

NYC DOB NO: 121181808

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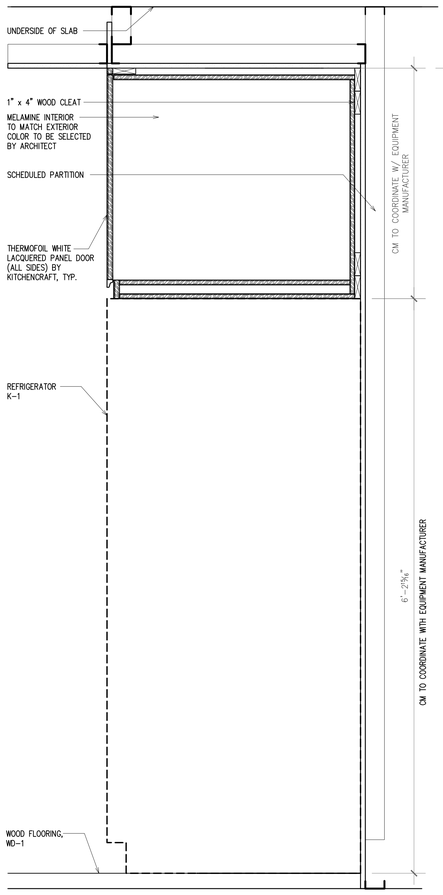
DEPT OF BLDGS 121181808 Job Number
ES48417219J Scan Code



8 SECTION DETAIL @ RANGE & MICROWAVE
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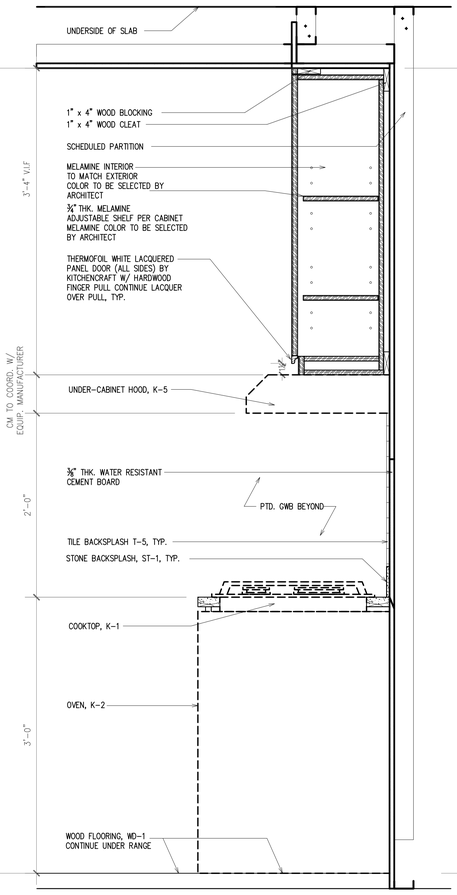

6 SECTION DETAIL @ RANGE & HOOD
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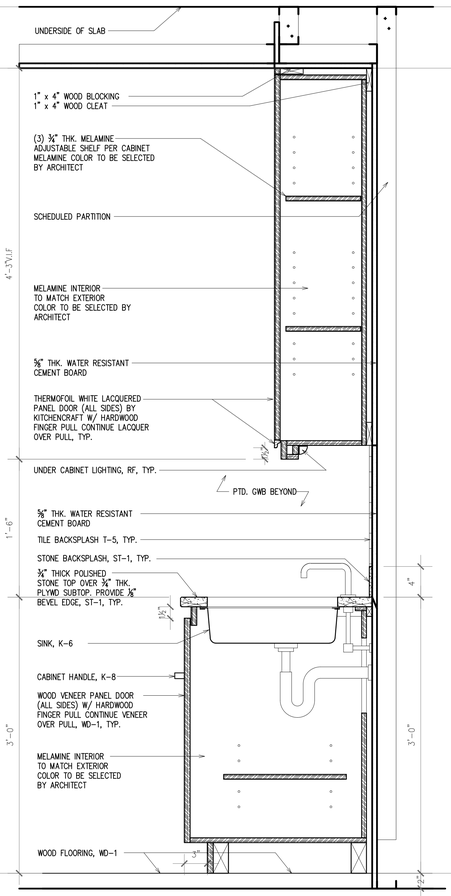

4 SECTION DETAIL @ SINK
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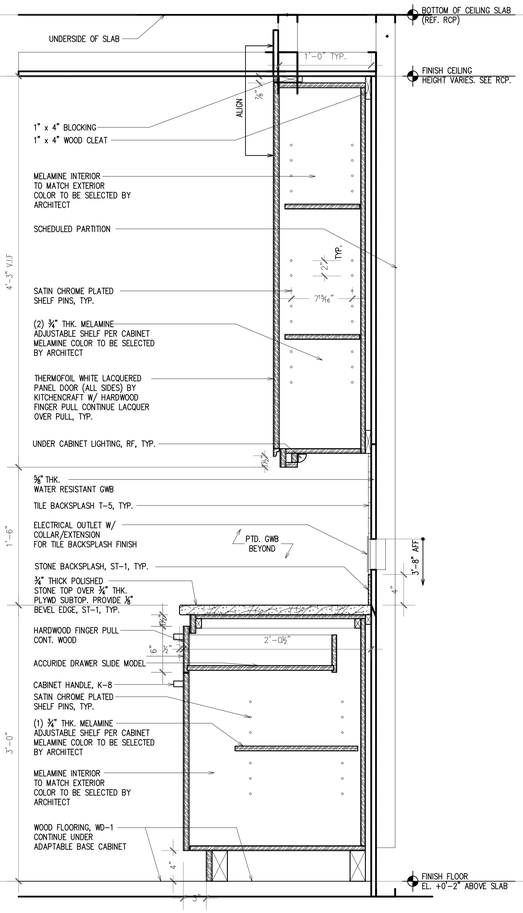

2 SECTION DETAIL @ BASE & UPPER CABINETS
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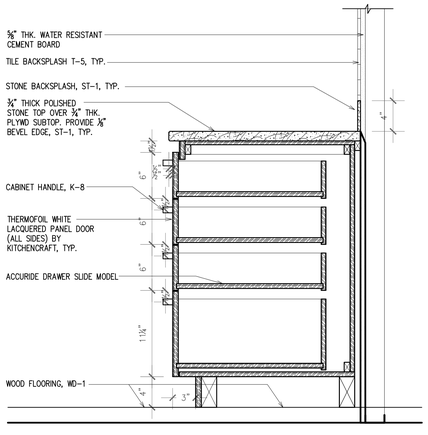

7 SECTION DETAIL @ DRAWERS
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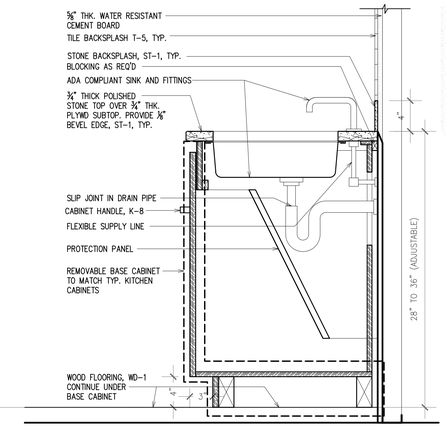

5 SECTION DETAIL @ HANDICAP ACCESSIBLE SINK
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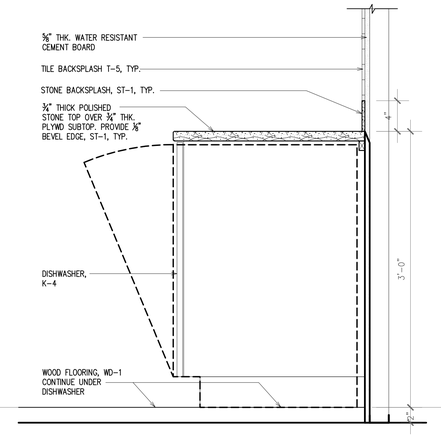
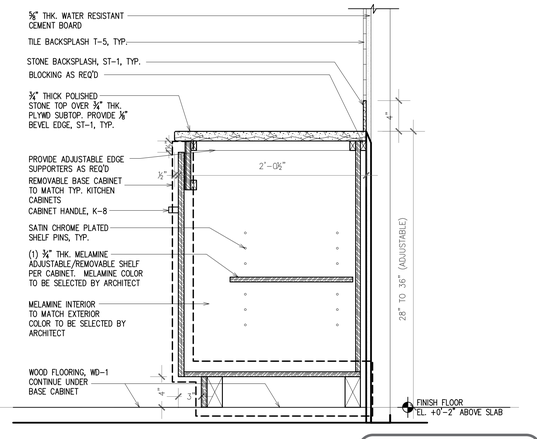


3 SECTION DETAIL @ DISHWASHER
SCALE: 1 1/2" = 1' – 0"



1 SECTION DETAIL @ HANDICAP ACCESSIBLE BASE CABINET
SCALE: 1 1/2" = 1' – 0"

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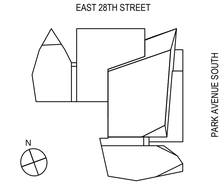
KEY PLAN



SCALE:
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:

KITCHEN DETAILS

DRAWING NO:

A566.00

NYC DOB NO: 121181808

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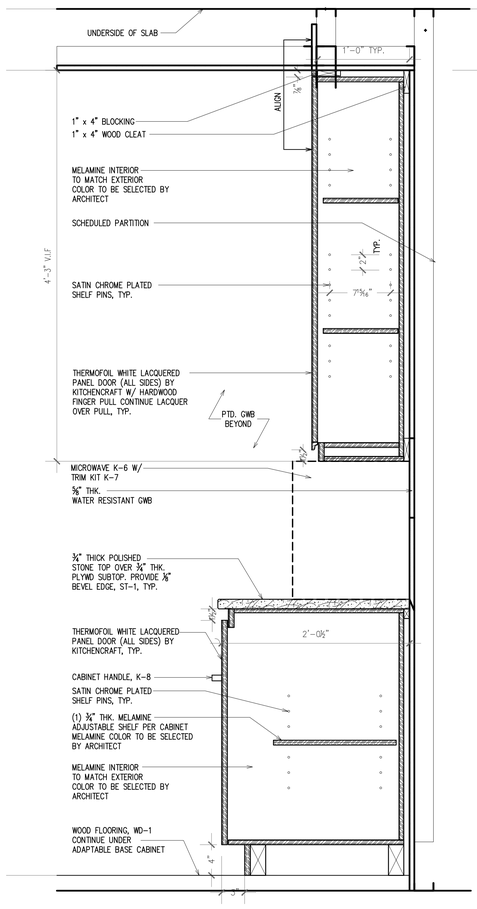
ES62434096 Scan Code



6 SECTION DETAIL @ BUILT-IN MICROWAVE
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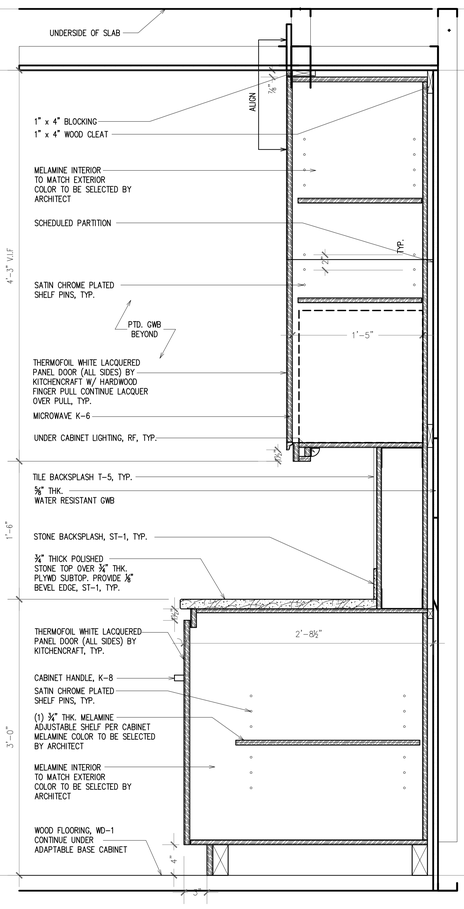
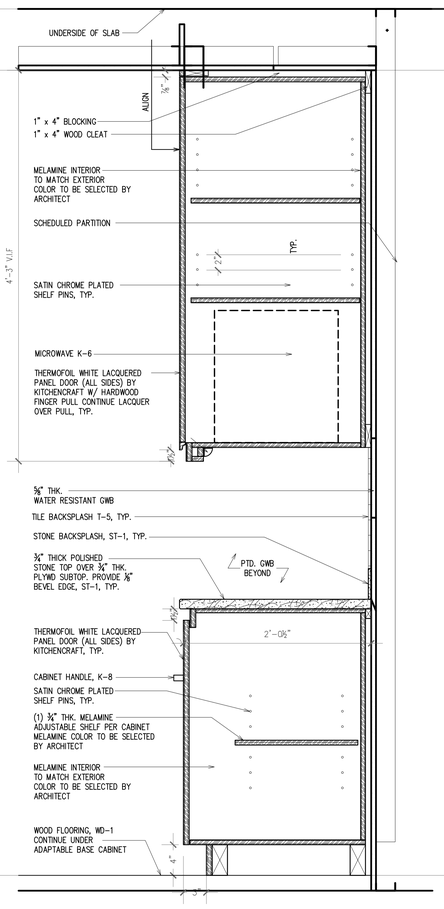


5 SECTION DETAIL @ MICROWAVE IN CABINET
SCALE: 1 1/2" = 1' - 0"



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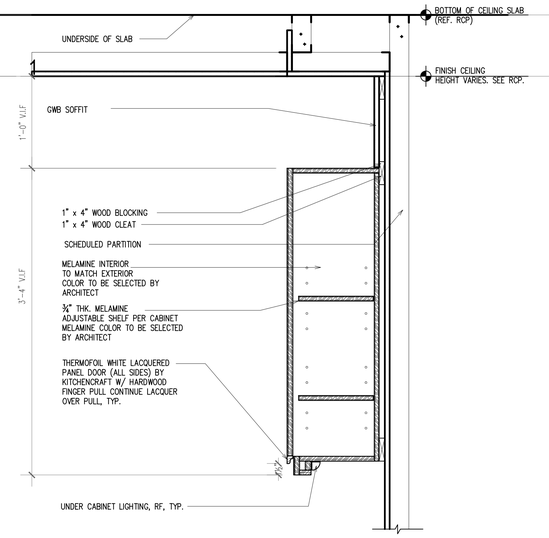

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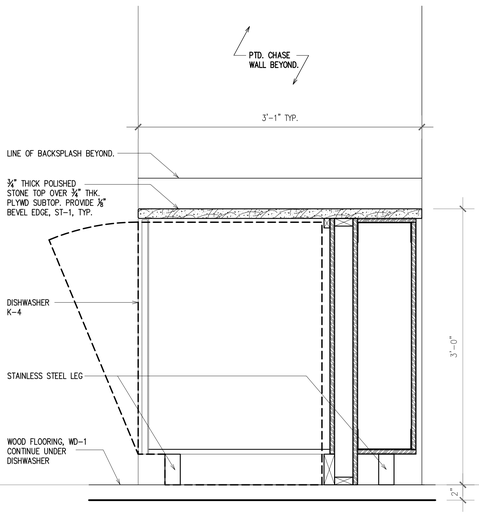

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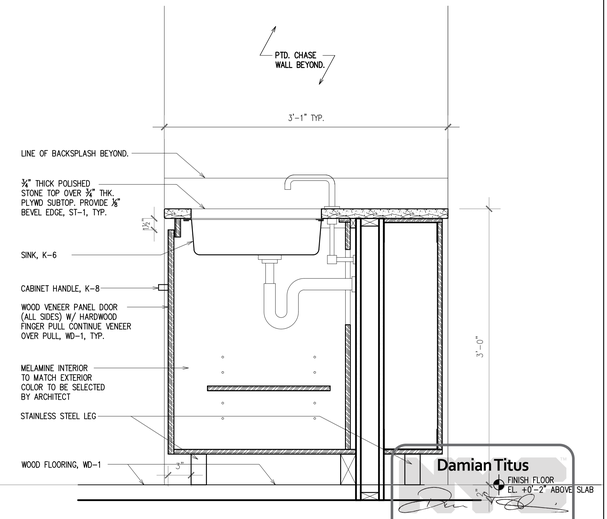

1 SECTION DETAIL @ SINK IN ISLAND
SCALE: 1 1/2" = 1' - 0"

FINISH FLOOR
EL. +0'-2" ABOVE SLAB

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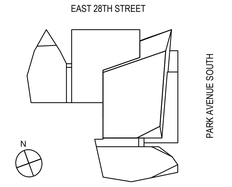
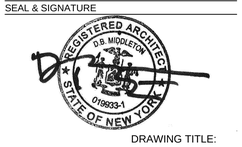


SCALE:
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:

KITCHEN DETAILS

DRAWING NO:

A567.00

NYC DOB NO: 121181808

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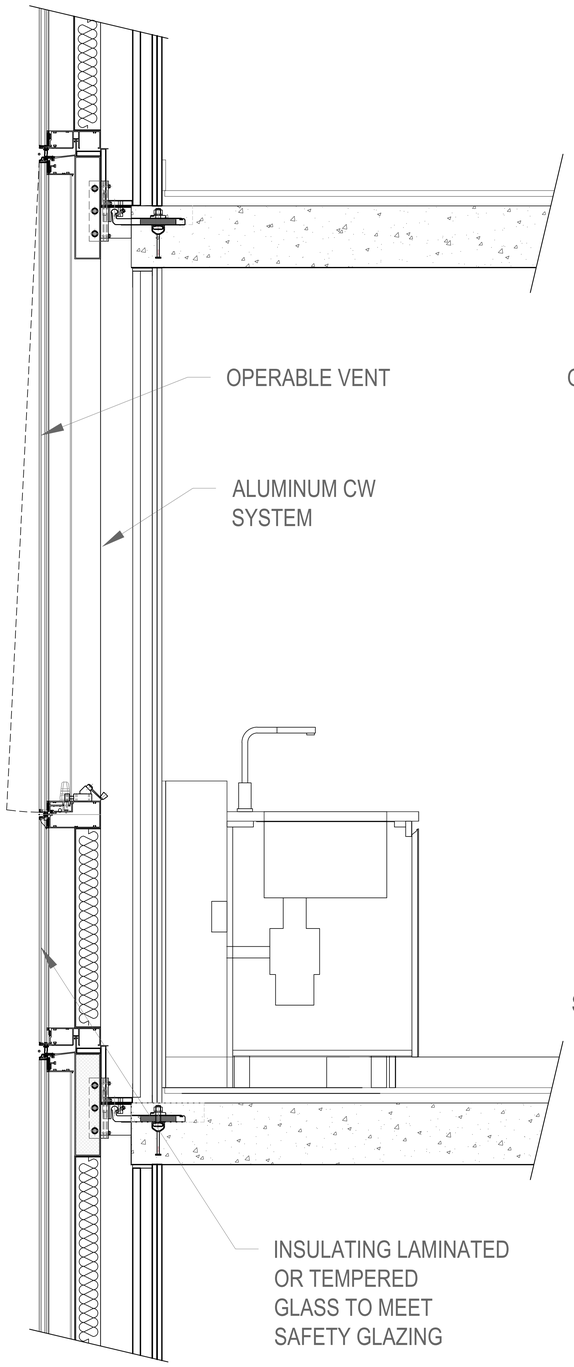
DEPT OF BLDGS121181808 Job Number
ES3216930942 Scan Code



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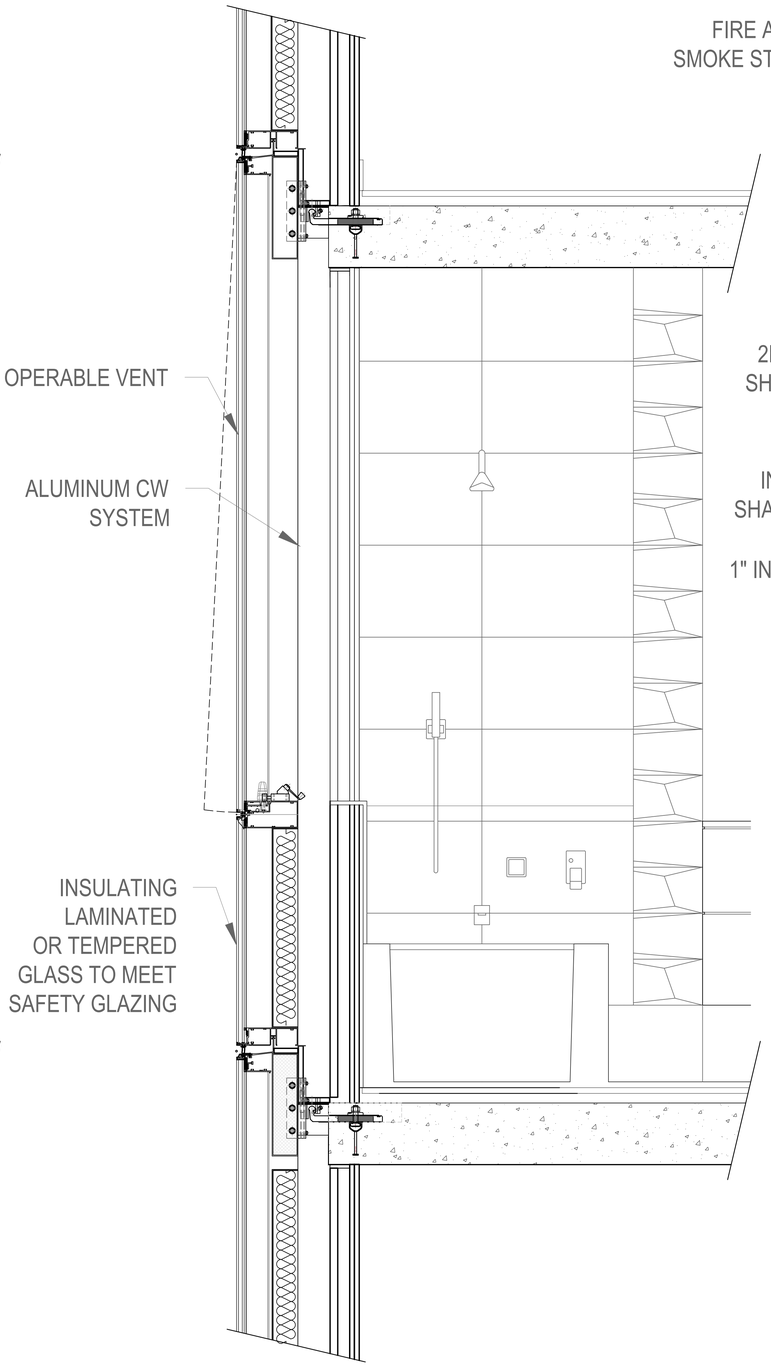
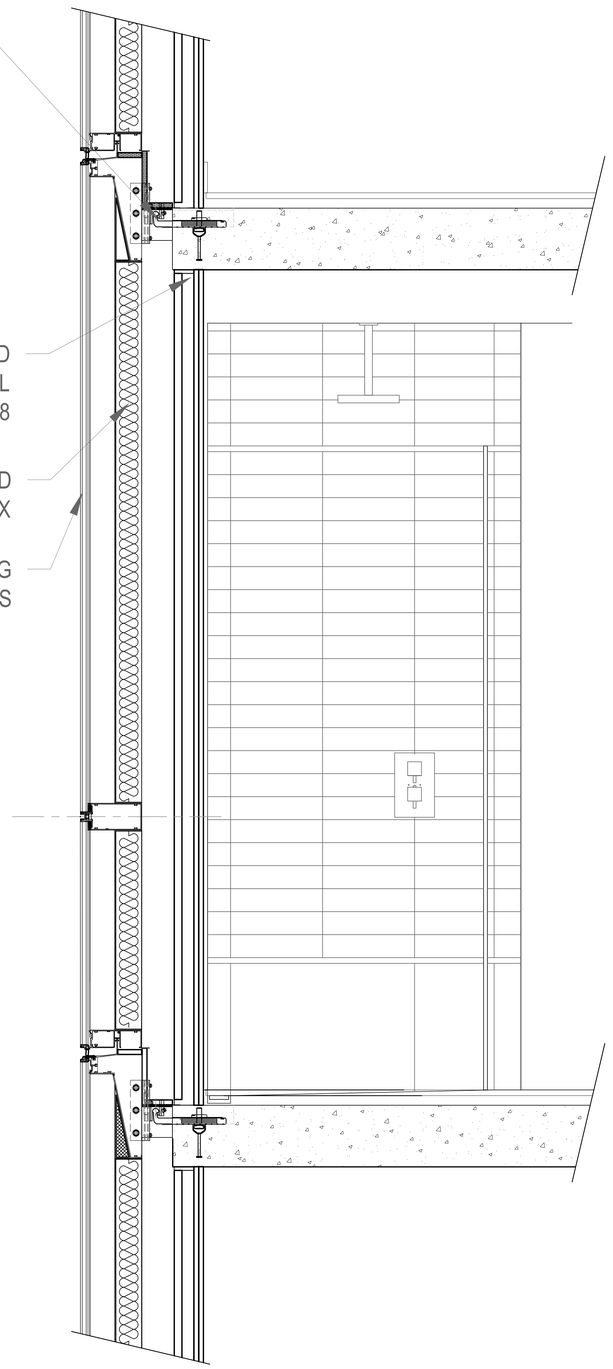


2 SECTION DETAIL @ EXT. WALL & BATH TUB P-49
Scale: 1 1/2" =1'-0"



1 SECTION DETAIL @ EXT. WALL & SHOWER
Scale: 1 1/2" =1'-0"

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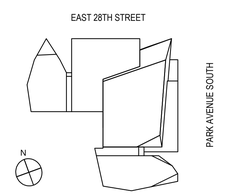
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE:
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
KITECHEN BATHROOM CURTAIN WALL DETAILS

DRAWING NO:
A-568.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
IE5679840951 Scan Code

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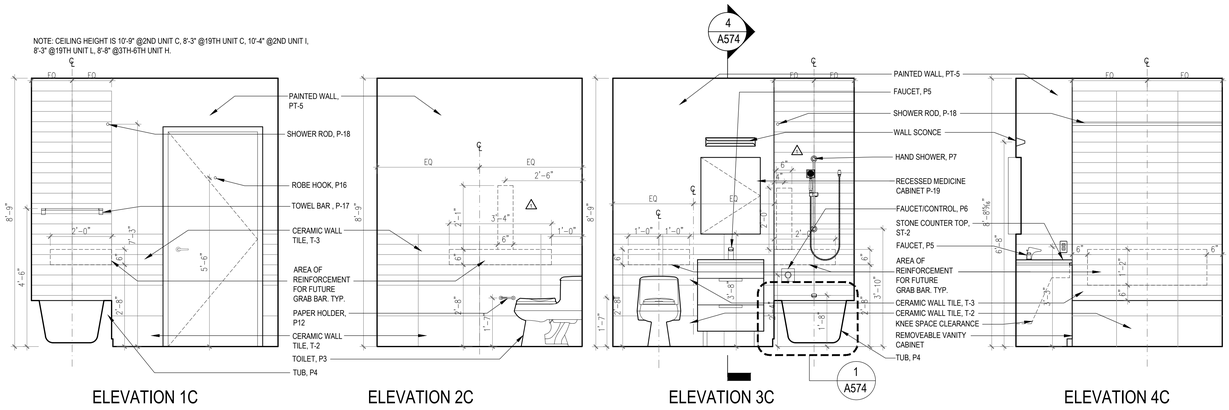

6 BATHROOM TYPE C - ELEVATIONS

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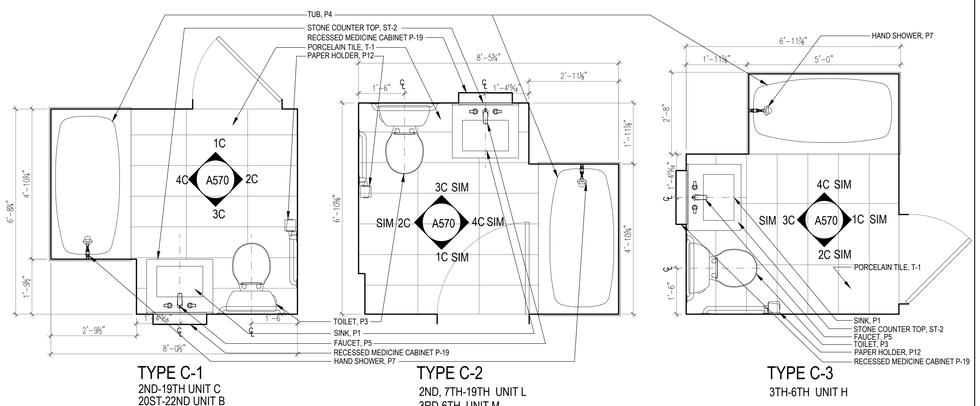


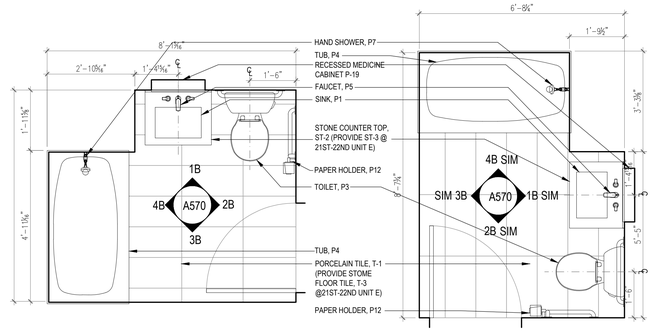
TYPE C-1
2ND-19TH UNIT C
20ST-22ND UNIT B
2ND UNIT I

TYPE C-2
2ND, 7TH-19TH UNIT L
3RD-6TH UNIT M

TYPE C-3
3TH-6TH UNIT H

3 BATHROOM TYPE C - PLAN

Scale: 1/2" =1'-0"

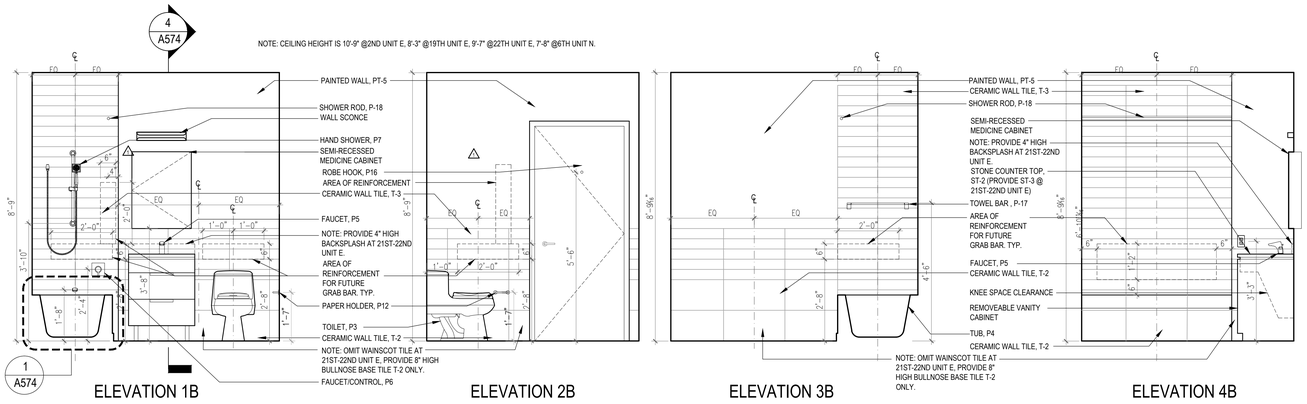


TYPE B-1 △
2ND-22ND UNIT E
7TH - 19TH UNIT F
7TH - 19TH UNIT H
20TH UNIT F
20TH-22ND UNIT C

TYPE B-2
3TH-6TH UNIT N

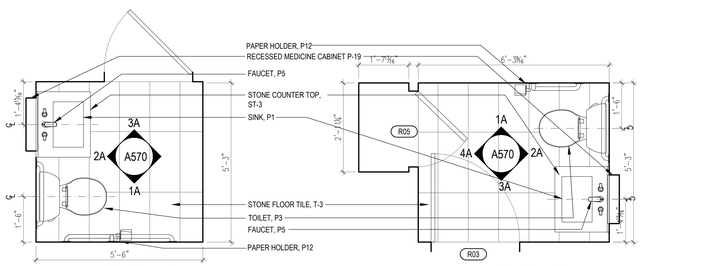
5 BATHROOM TYPE B - ELEVATIONS

Scale: 1/2" =1'-0"



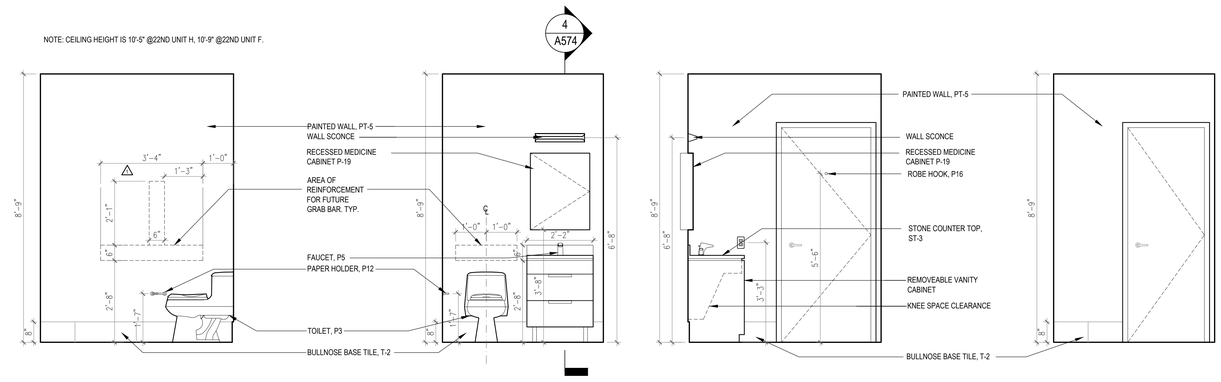
2 BATHROOM TYPE B - PLAN

Scale: 1/2" =1'-0"



TYPE A-1
20TH UNIT I
21ST-22ND UNIT H

TYPE A-2
21ST-22ND UNIT F



4 BATHROOM TYPE A - ELEVATIONS

Scale: 1/2" =1'-0"

1 BATHROOM TYPE A - PLAN

Scale: 1/2" =1'-0"

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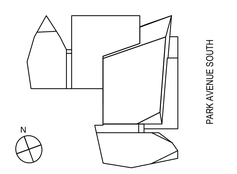
△	08.01.12	ASI 024

KEY PLAN



SCALE:
PROJECT NO: 874
SEAL & SIGNATURE

D.B. MIDDLETON 019933-1 REGISTERED ARCHITECT STATE OF NEW YORK

DRAWING TITLE:
BATHROOM PLANS AND ELEVATIONS

DRAWING NO:
A570.00

NYC DOB NO: 121181808

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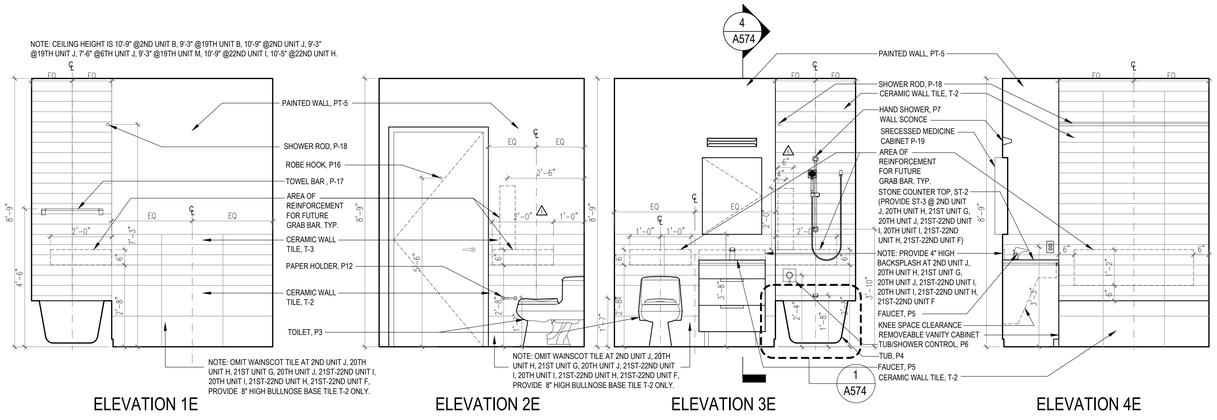
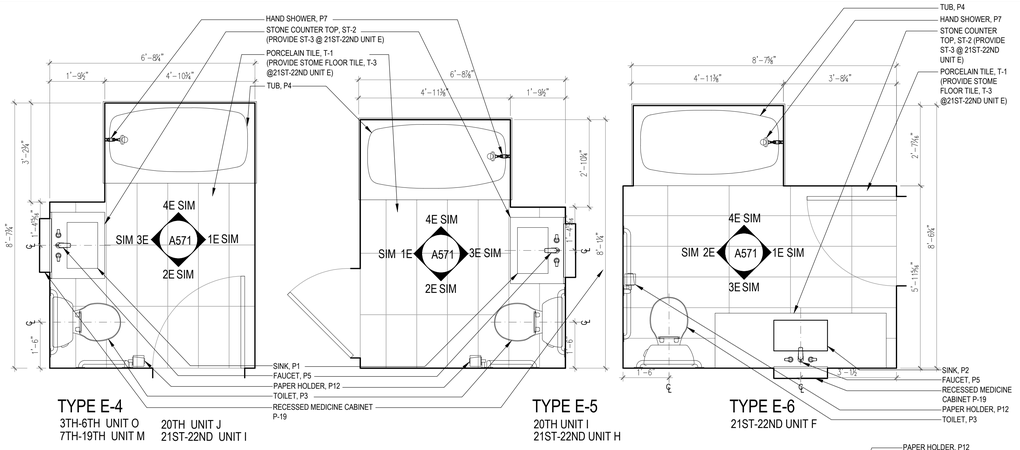
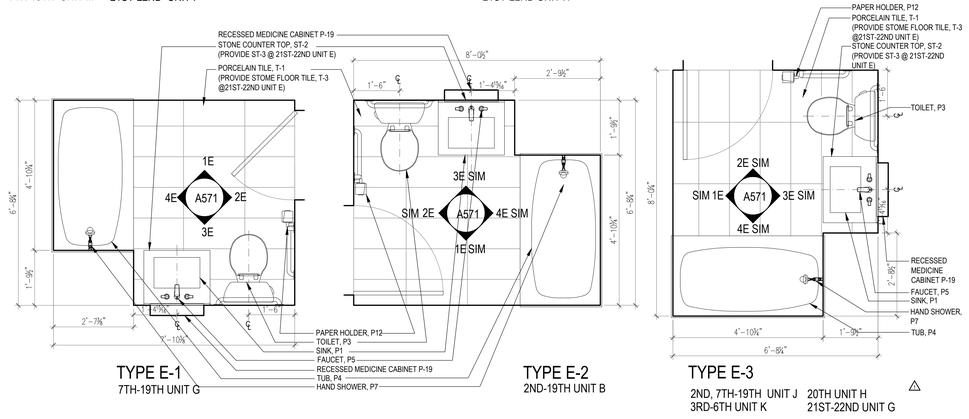
ES0842465383 Scan Code





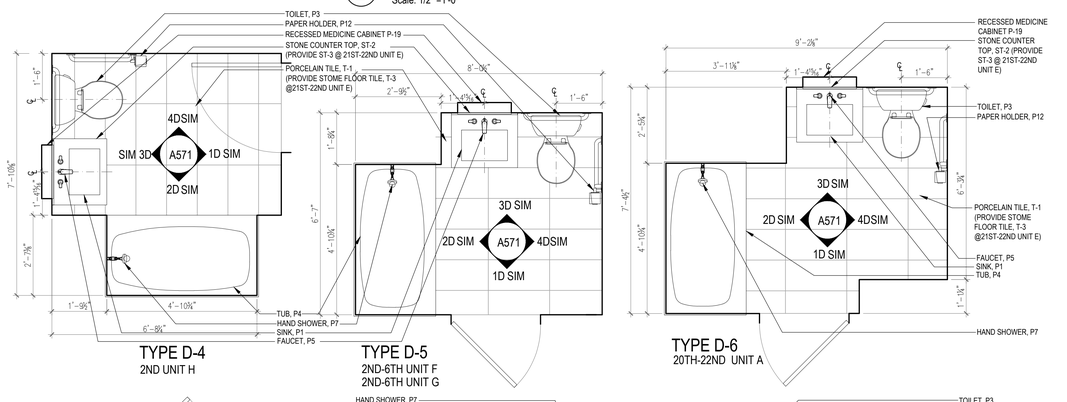


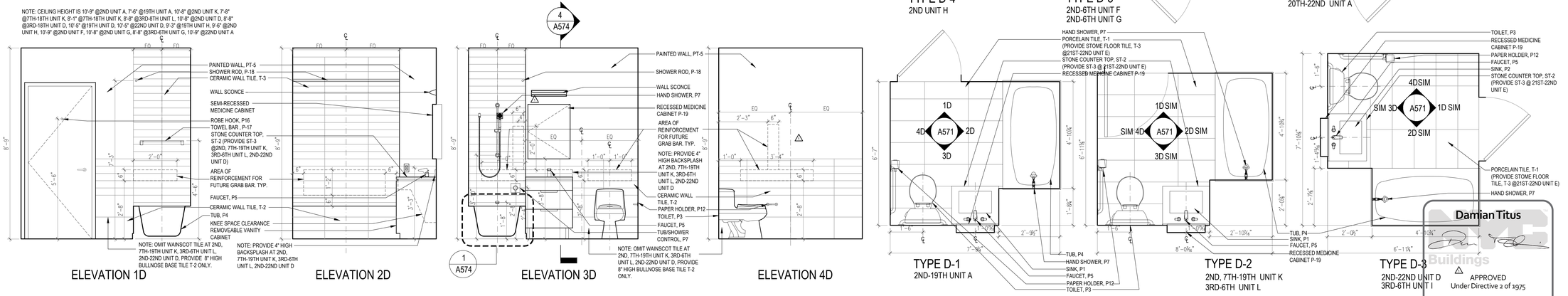
4 BATHROOM TYPE E - ELEVATIONS

Scale: 1/2" =1'-0"

2 BATHROOM TYPE E - PLAN

Scale: 1/2" =1'-0"





3 BATHROOM TYPE D - ELEVATIONS

Scale: 1/2" =1'-0"

1 BATHROOM TYPE D - PLAN

Scale: 1/2" =1'-0"

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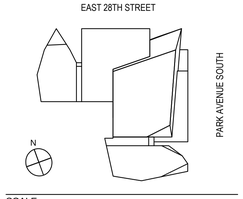
KEY PLAN



SCALE:

PROJECT NO: 874

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DRAWING TITLE:

BATHROOM PLANS AND ELEVATIONS

DRAWING NO:

A571.00

NYC DOB NO: 121181808

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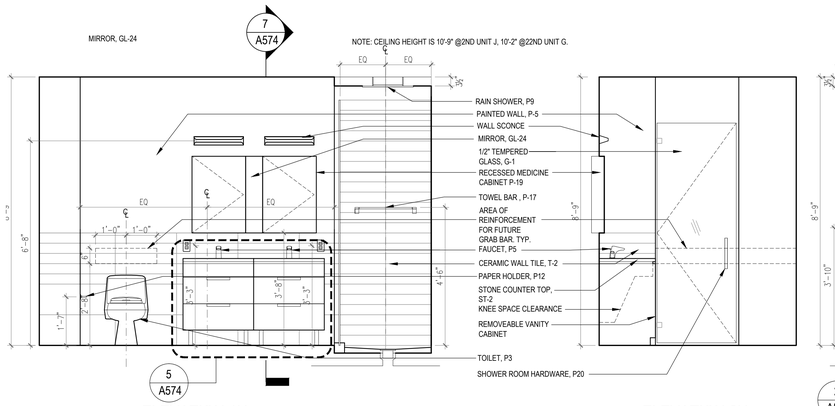
ES502311629 Scan Code



6 BATHROOM TYPE H - ELEVATIONS

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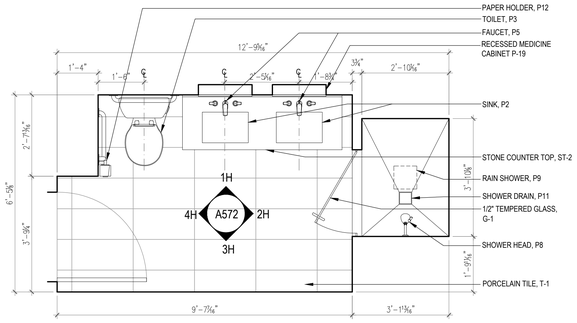
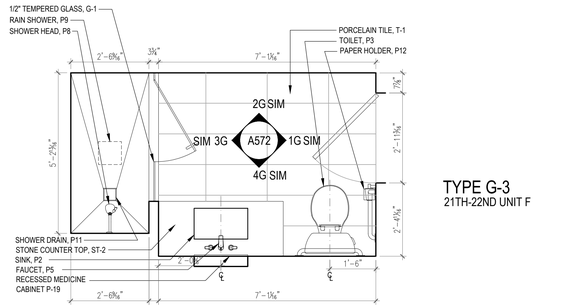


20TH-22ND UNIT D

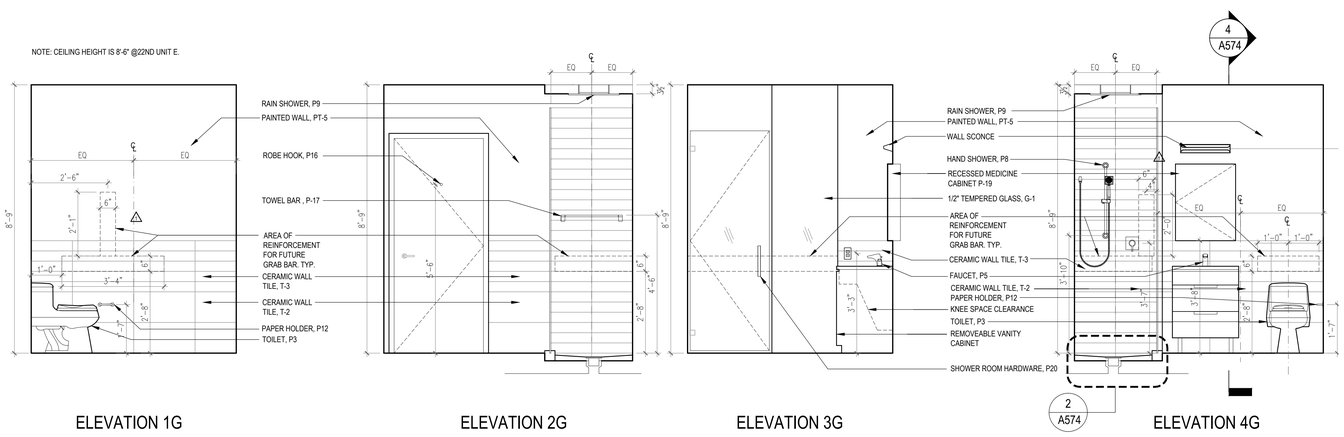
3 BATHROOM TYPE H - PLAN

Scale: 1/2" =1'-0"



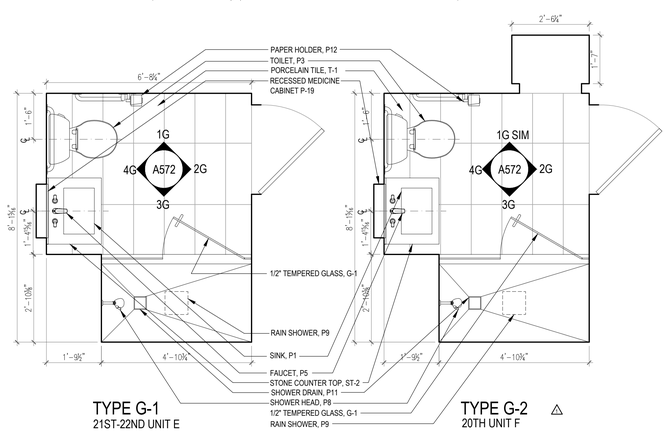
TYPE G-3
21TH-22ND UNIT F

NOTE: CEILING HEIGHT IS 8'-6" @22ND UNIT E.



5 BATHROOM TYPE G - ELEVATIONS

Scale: 1/2" =1'-0"

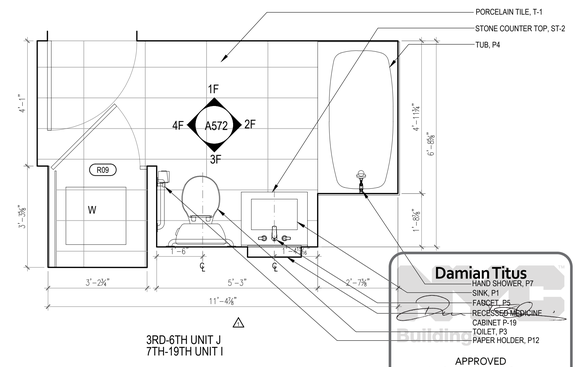


TYPE G-1
21ST-22ND UNIT E

TYPE G-2 △
20TH UNIT F

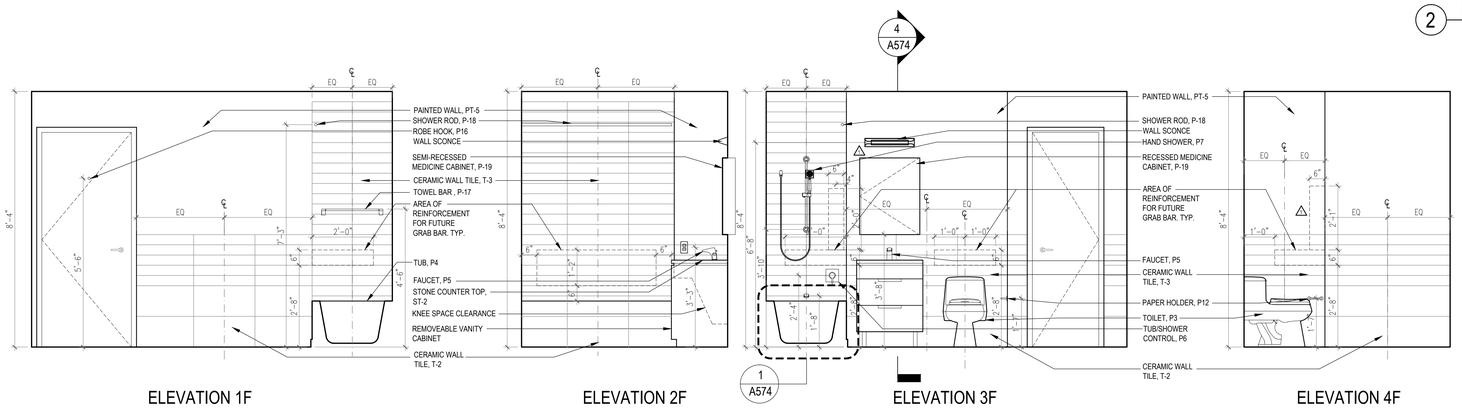
2 BATHROOM TYPE G - PLAN

Scale: 1/2" =1'-0"



3RD-6TH UNIT J
7TH-19TH UNIT I △

NOTE: CEILING HEIGHT IS 8'-4" @22ND UNIT A.



4 BATHROOM TYPE F - ELEVATIONS

Scale: 1/2" =1'-0"

1 BATHROOM TYPE F - PLAN

Scale: 1/2" =1'-0"

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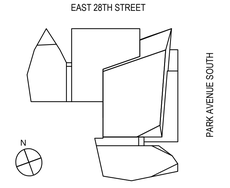
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
△	08.01.12	ASI 024

KEY PLAN



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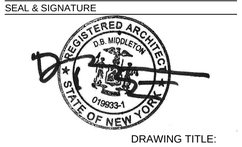
SEAL & SIGNATURE



DRAWING TITLE:
BATHROOM PLANS AND ELEVATIONS

DRAWING NO:
A572.00

NYC DOB NO: 121181808

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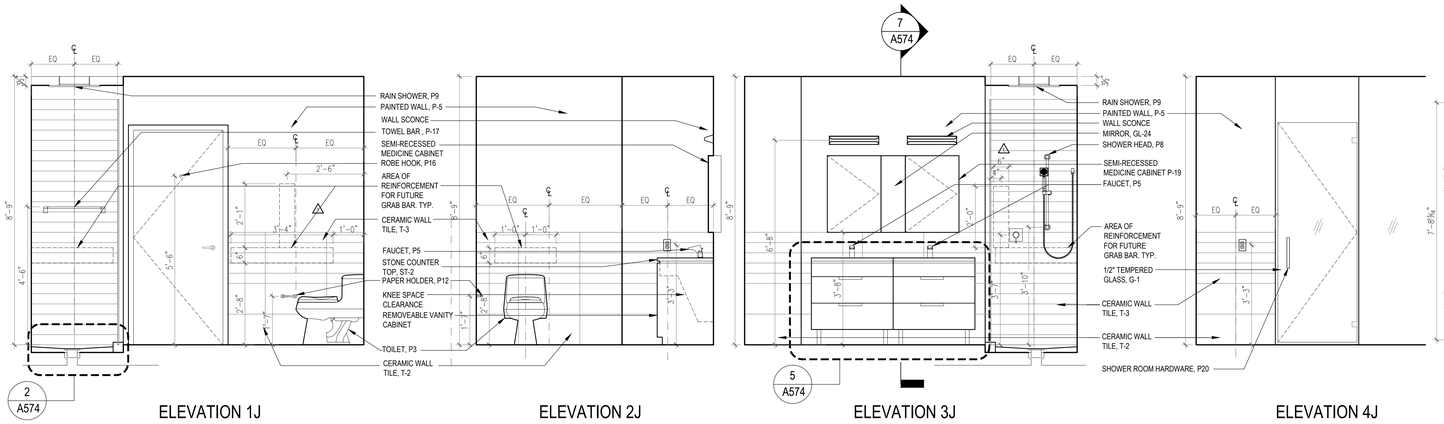

4 BATHROOM TYPE J - ELEVATIONS

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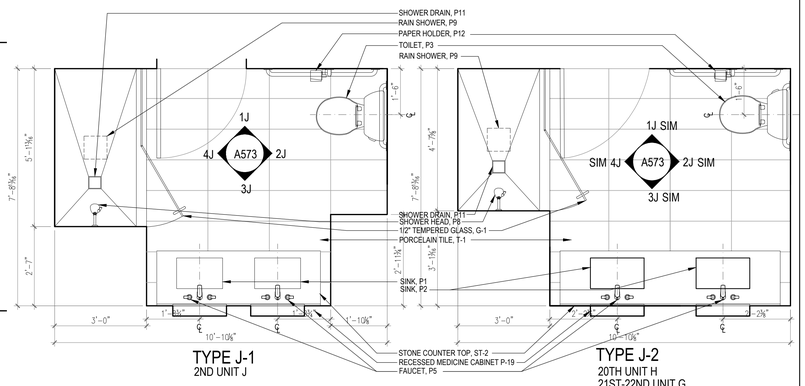
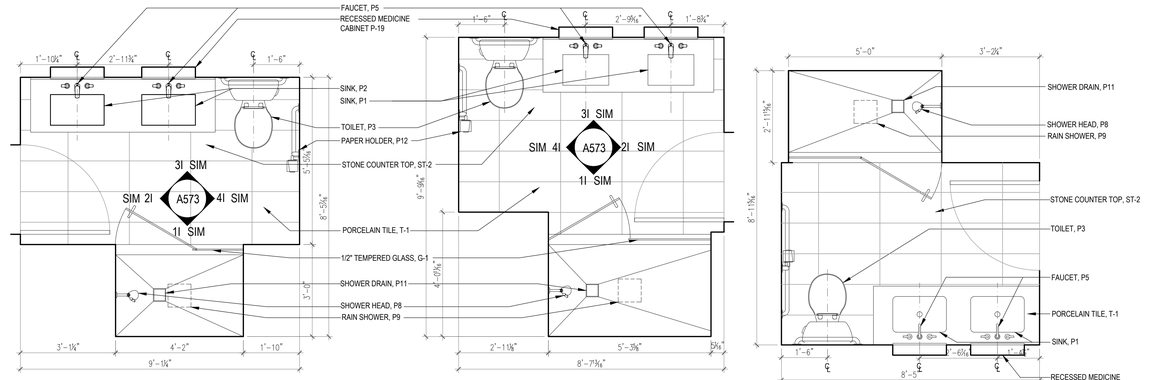


TYPE J-1
2ND UNIT J

TYPE J-2
20TH UNIT H
21ST-22ND UNIT G

2 BATHROOM TYPE J - PLAN

Scale: 1/2" =1'-0"

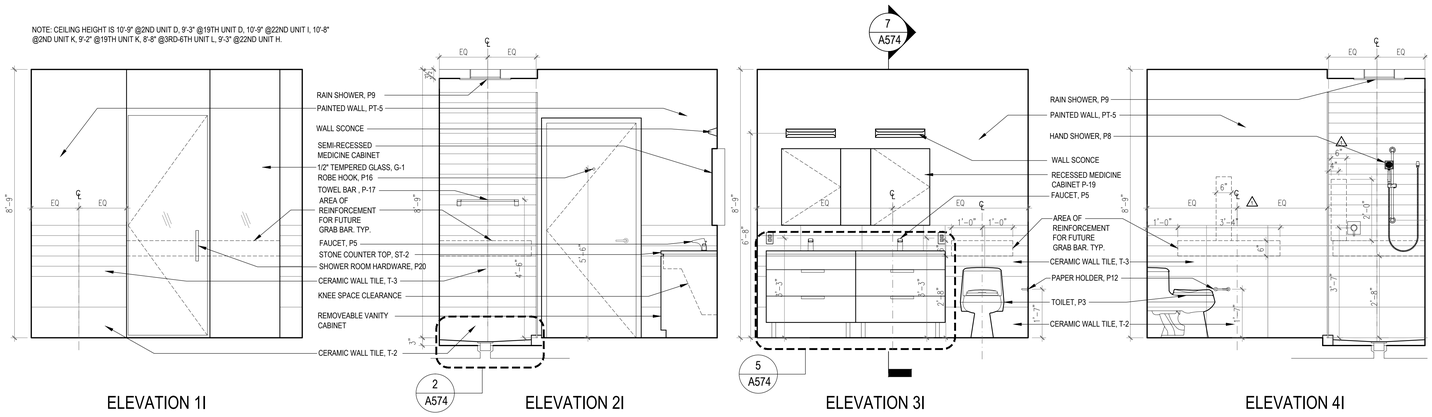


TYPE I-3
2ND, 7TH-19TH UNIT K
3RD-6TH UNIT L

TYPE I-4
20TH UNIT I
21ST-22ND UNIT H

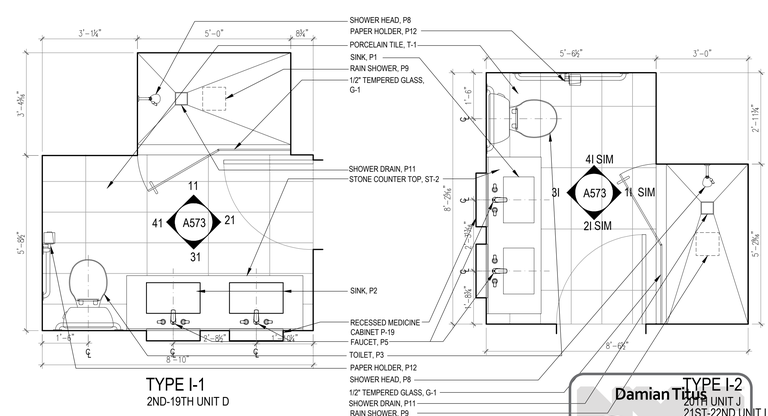
TYPE I-5
20TH UNIT G

NOTE: CEILING HEIGHT IS 10'-9" @2ND UNIT D, 9'-3" @19TH UNIT D, 10'-9" @22ND UNIT I, 10'-8" @2ND UNIT K, 9'-2" @19TH UNIT K, 8'-8" @3RD-6TH UNIT L, 9'-3" @22ND UNIT H.



3 BATHROOM TYPE I - ELEVATIONS

Scale: 1/2" =1'-0"



TYPE I-1
2ND-19TH UNIT D

TYPE I-2
20TH UNIT J
21ST-22ND UNIT I

1 BATHROOM TYPE I - PLAN

Scale: 1/2" =1'-0"

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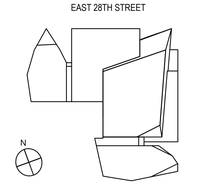
KEY PLAN



SCALE:
PROJECT NO: 874
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REGISTERED ARCHITECT D.B. MIDDLETON 019633-1 STATE OF NEW YORK

DRAWING TITLE:
BATHROOM PLANS AND ELEVATIONS

DRAWING NO:
A573.00

NYC DOB NO: 121181808

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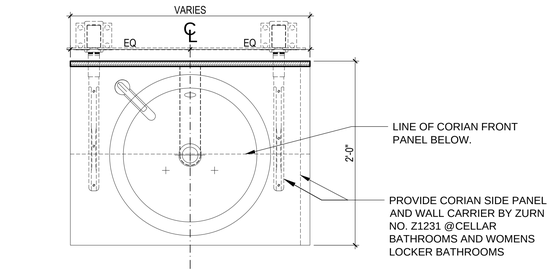
ES5071350033 Scan Code



10 PLAN AT ACCESIBLE CORIAN VANITY
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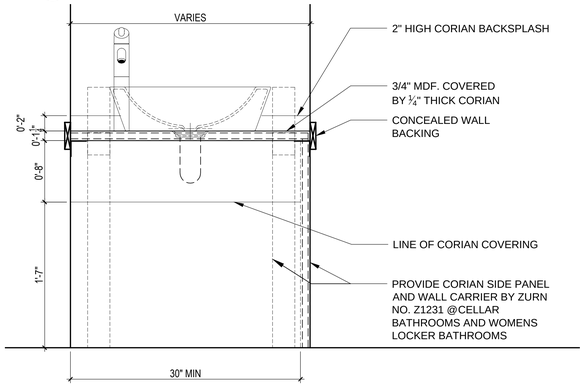

9 ELEVATION AT ACCESIBLE CORIAN VANITY
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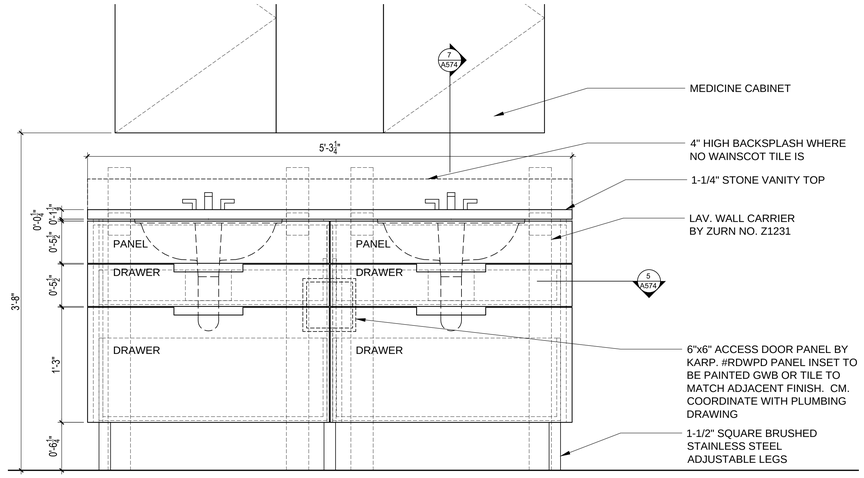

6 ELEVATION ADAPTABLE VANITY - DBL. LAV.
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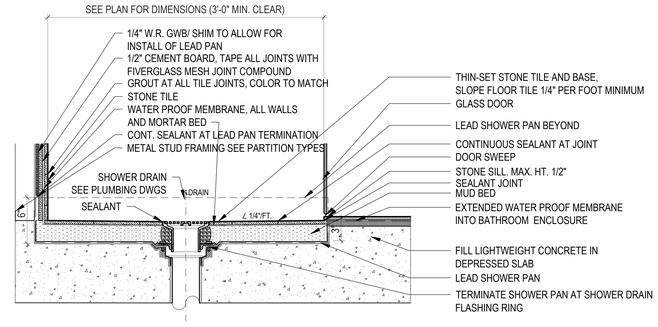

3 SECTION TYP. SHOWER DRAIN @ ROLL-IN-SHOWER W/LEAD PAN
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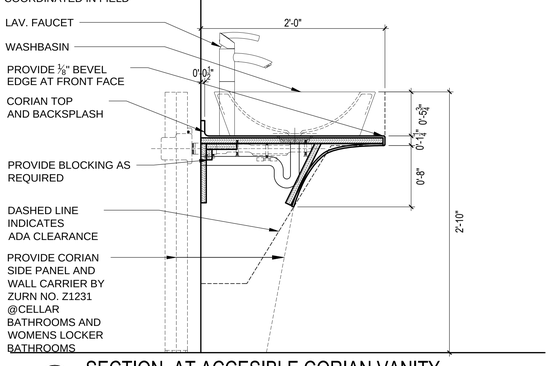

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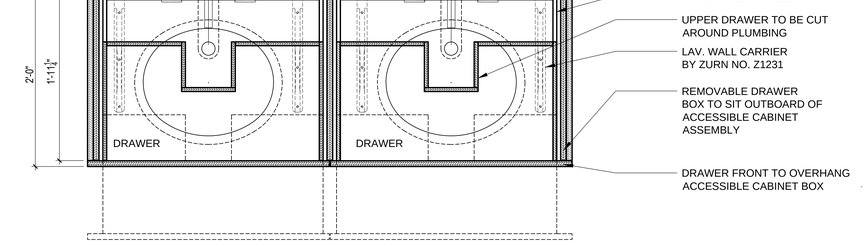

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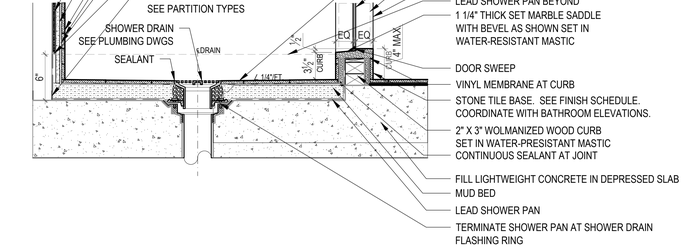

2 SECTION TYP. SHOWER DRAIN W/LEAD PAN
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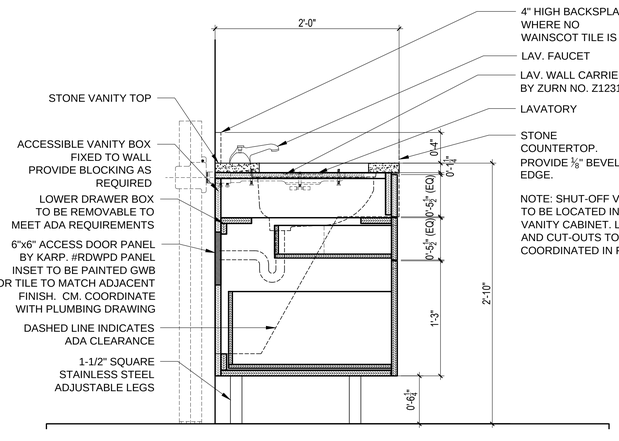

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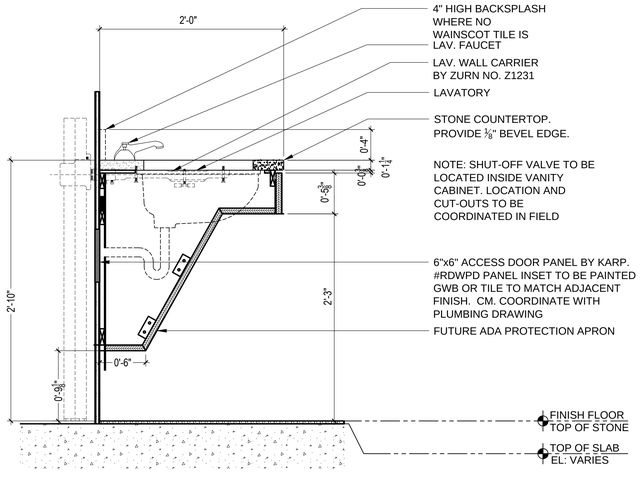

4 SECTION AT ACCESSIBLE CABINET ASSEMBLY
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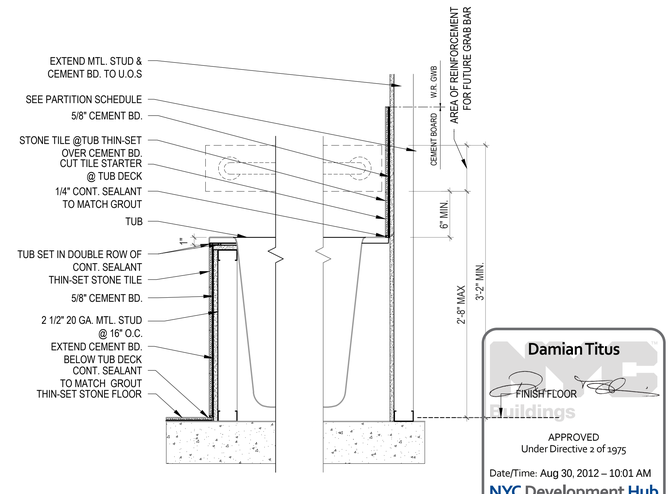

1 SECTION TYP. BATHTUB
Scale: 1-1/2" =1'-0"

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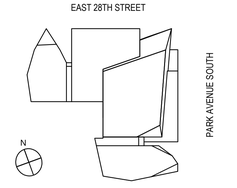
KEY PLAN



SCALE:
PROJECT NO: 874
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DRAWING TITLE:
BATHROOM DETAILS

DRAWING NO:
A574.00

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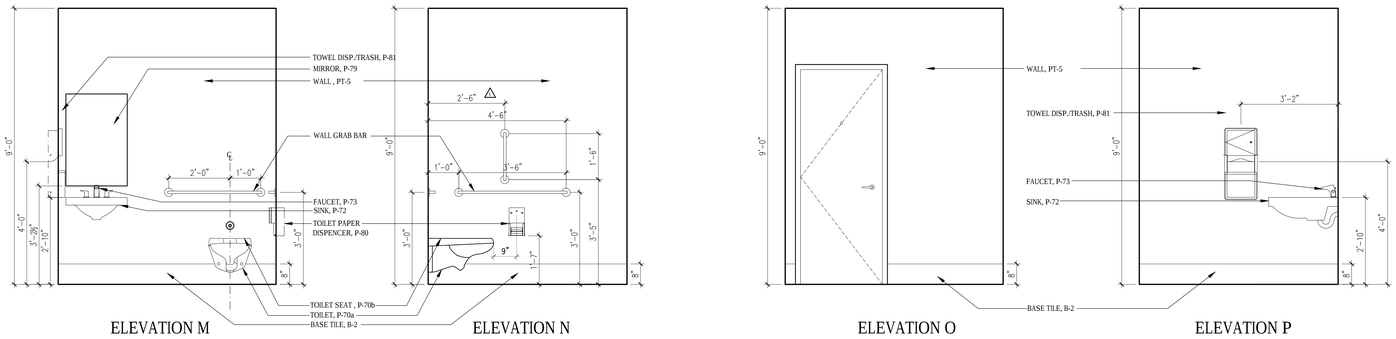

8 GROUND LEVEL BATHROOM - ELEVATIONS

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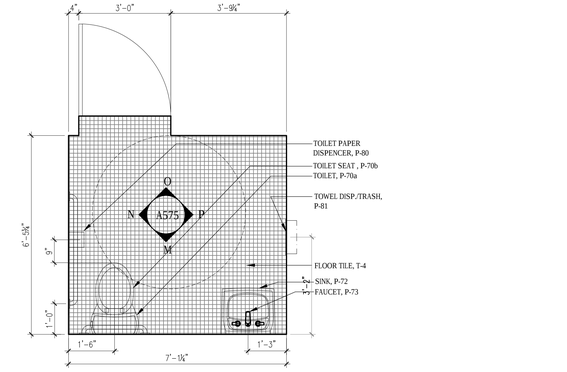

4 GROUND LEVEL BATHROOM - PLAN

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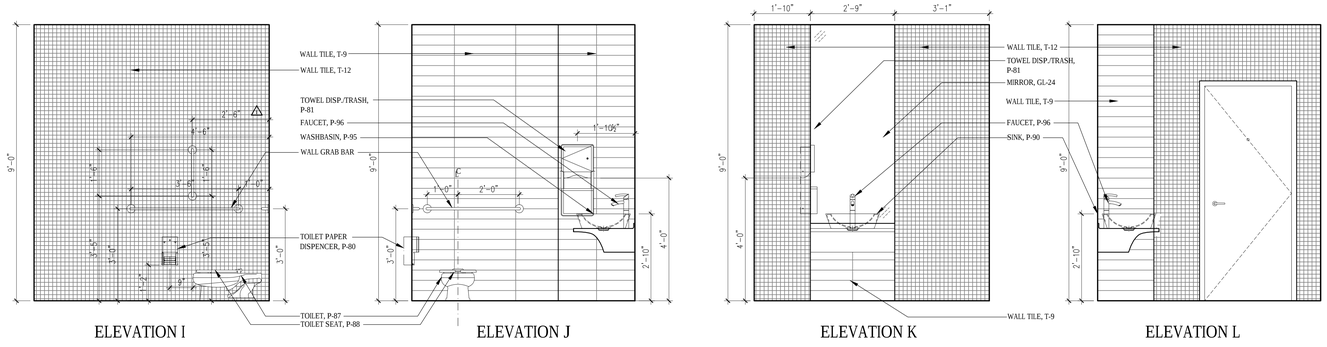

7 CELLAR LEVEL KIDS BATHROOM - ELEVATIONS

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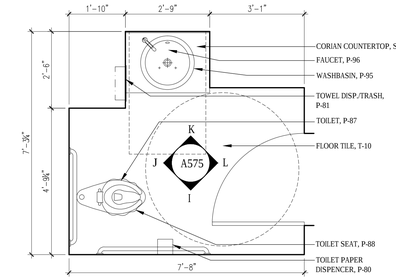

3 CELLAR LEVEL KIDS BATHROOM - PLAN

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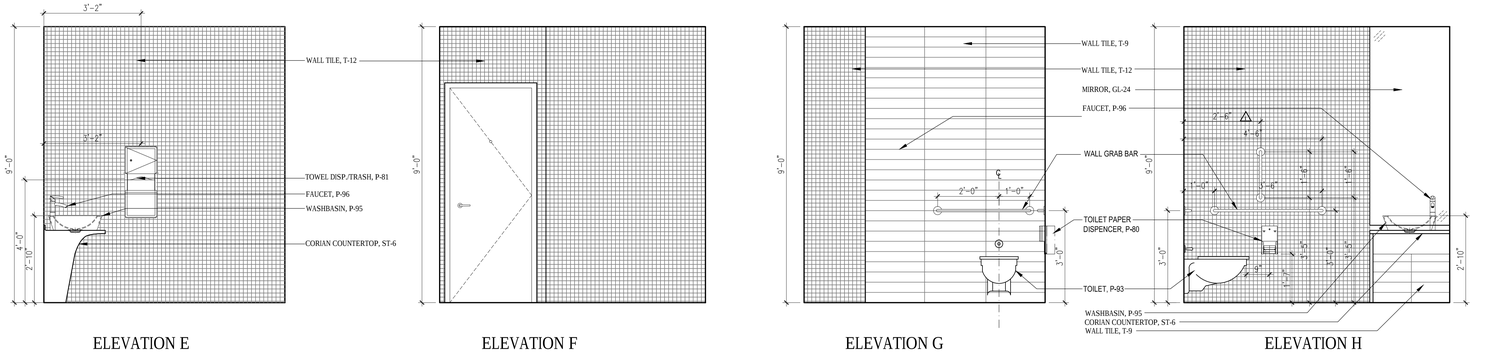

6 CELLAR LEVEL BATHROOM2 - ELEVATIONS

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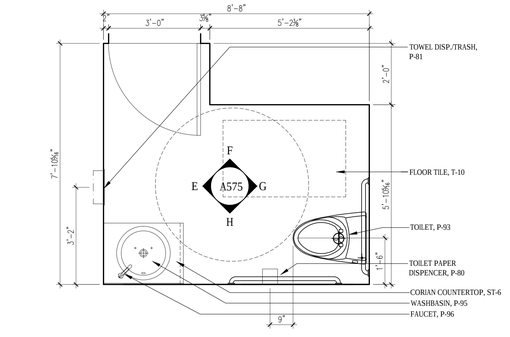

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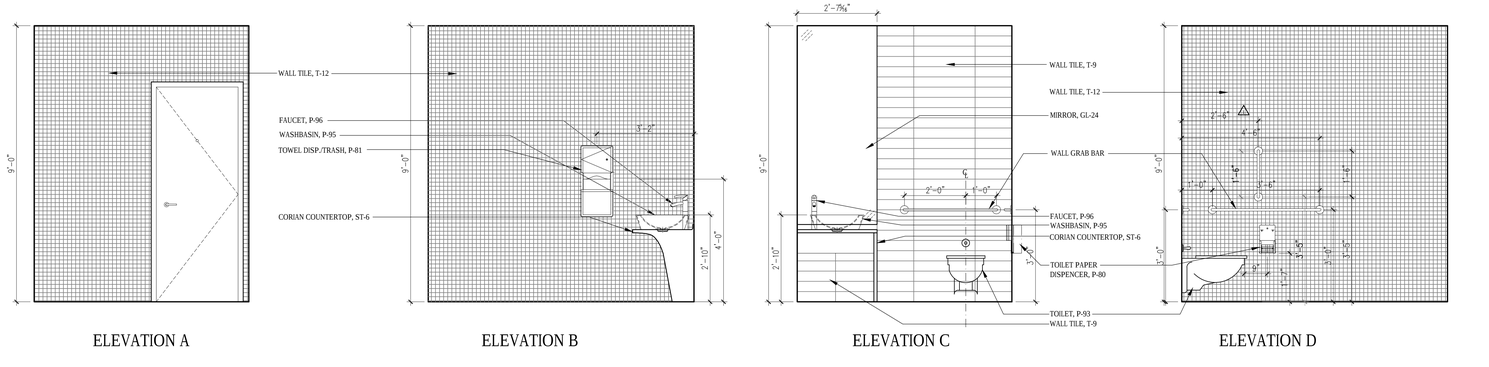

5 CELLAR LEVEL BATHROOM1 - ELEVATIONS

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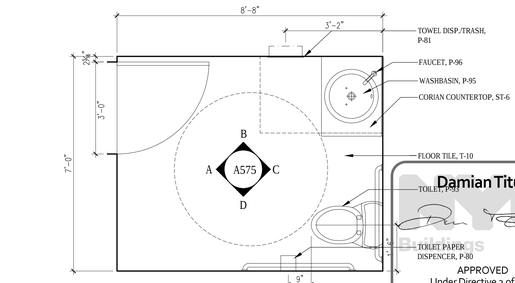

1 CELLAR LEVEL BATHROOM1 - PLAN

Scale: 1/2" =1'-0"

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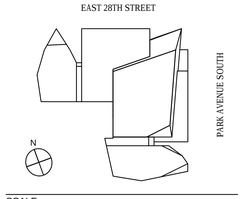
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
△	08.01.12	ASI 024

KEY PLAN



SCALE:

PROJECT NO: 874

SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:

NON-RESIDENTIAL BATHROOM PLANS AND ELEVATIONS

DRAWING NO:

A575.00

NYC DOB NO: 121181808

Damian Titus
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:01 AM
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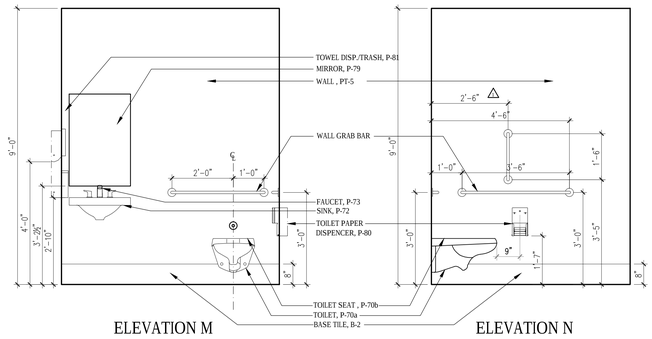
ES961155985 Scan Code



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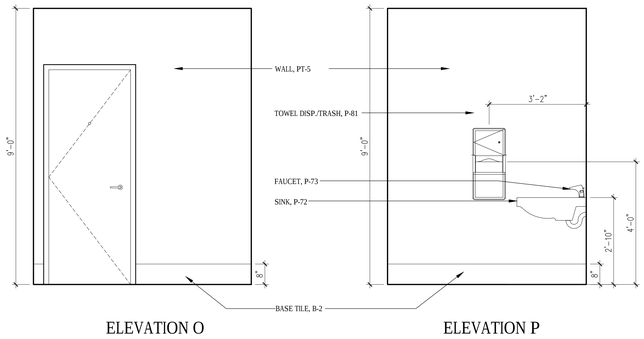

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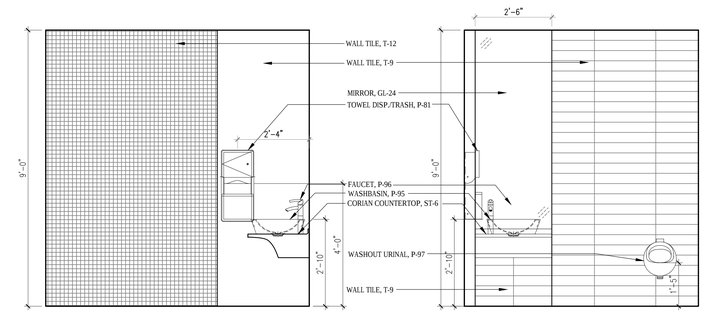

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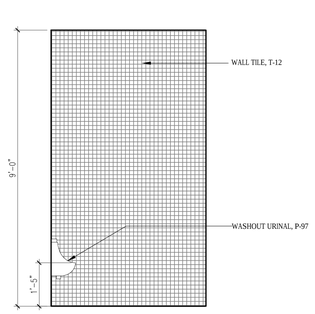

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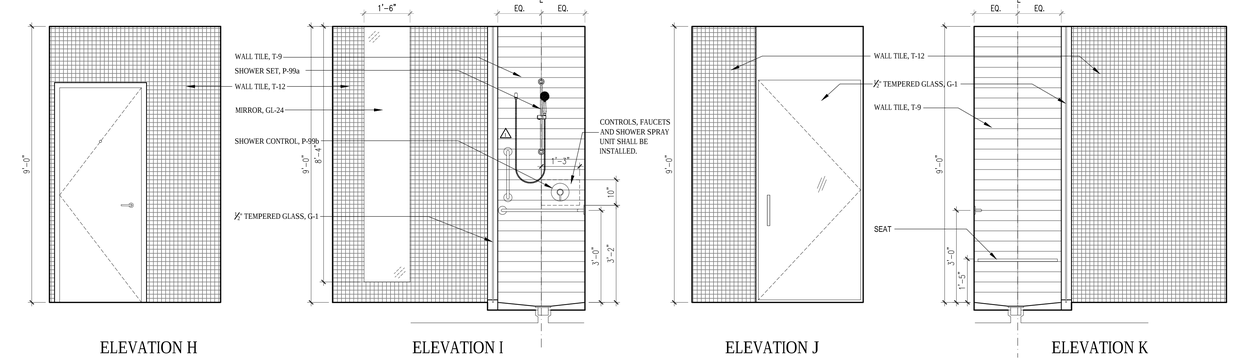

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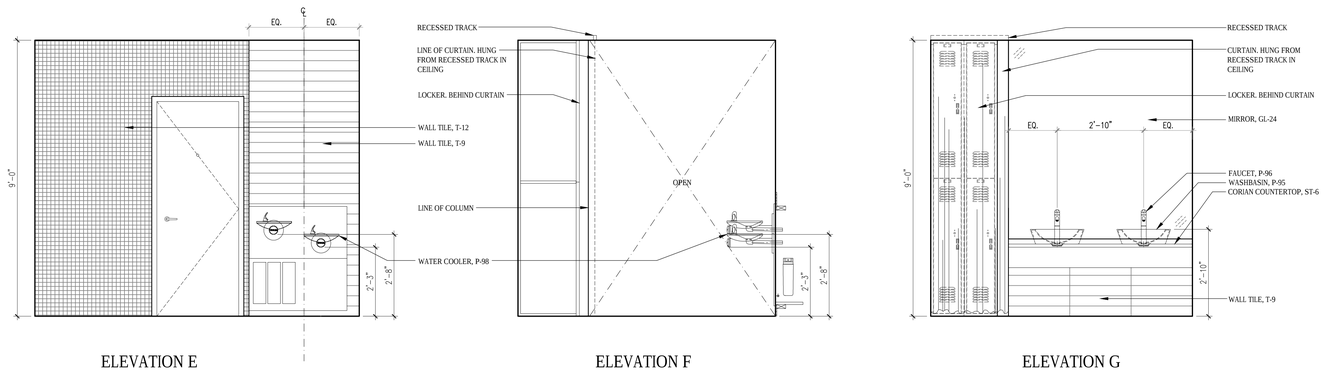
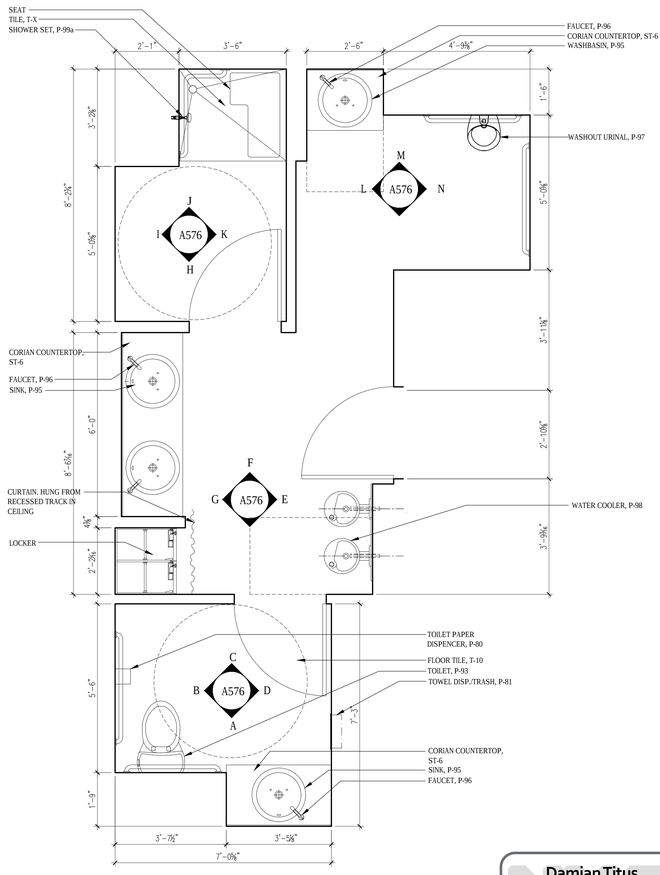


ELEVATION E ELEVATION F ELEVATION G

2 CELLAR LEVEL MENS LOCKER - ELEVATIONS

Scale: 1/2" =1'-0"



1 CELLAR LEVEL MENS LOCKER - PLAN

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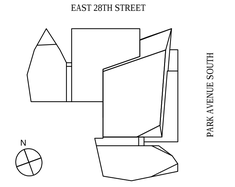

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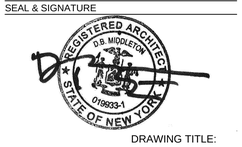
SEAL & SIGNATURE



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DRAWING NO:

A576.00

NYC DOB NO: 121181808

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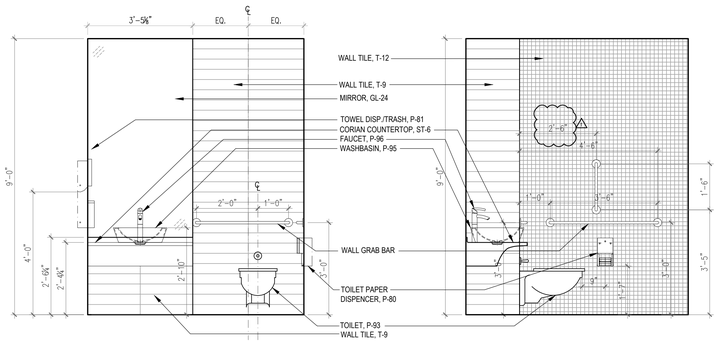

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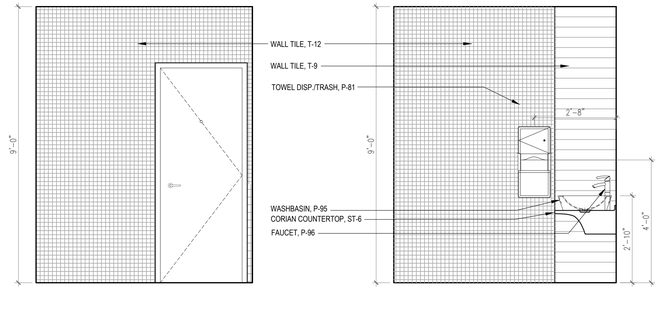

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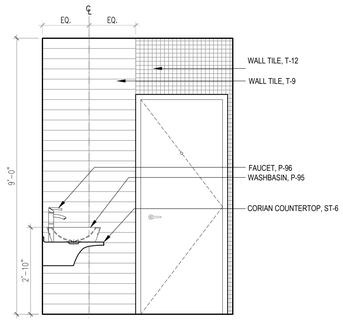

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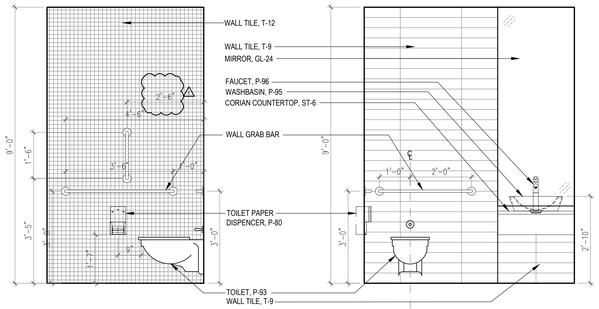

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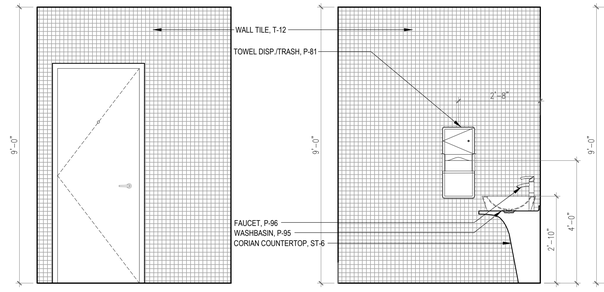

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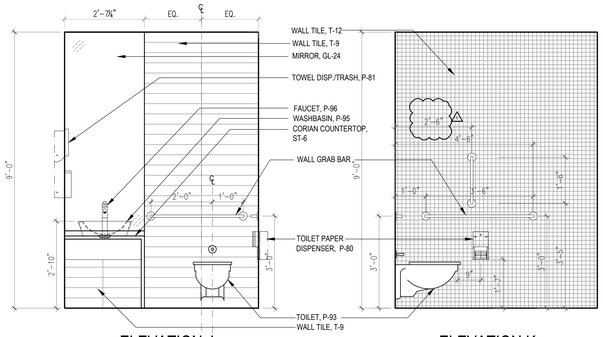

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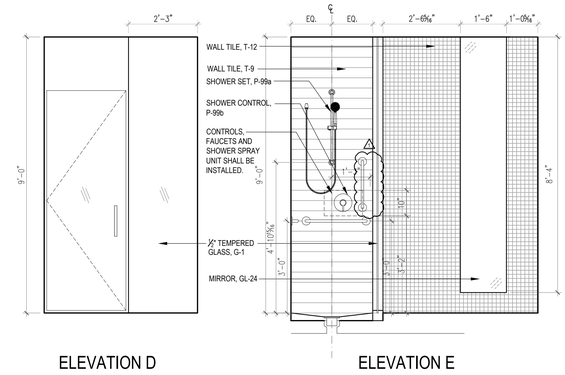

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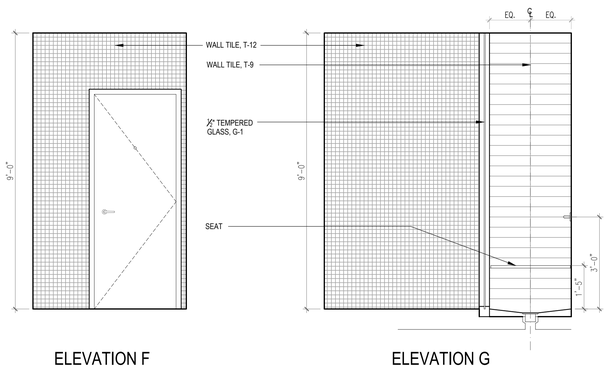
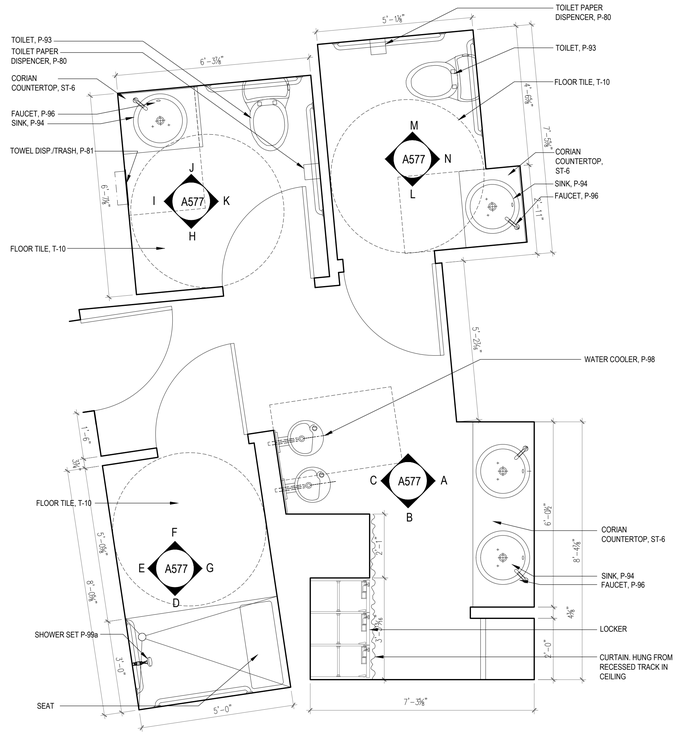


ELEVATION F ELEVATION G

2 CELLAR LEVEL WOMENS LOCKER - ELEVATIONS

Scale: 1/2" =1'-0"



1 CELLAR LEVEL WOMENS LOCKER - PLAN

Scale: 1/2" =1'-0"

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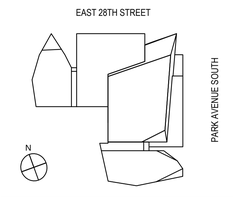

SCALE:

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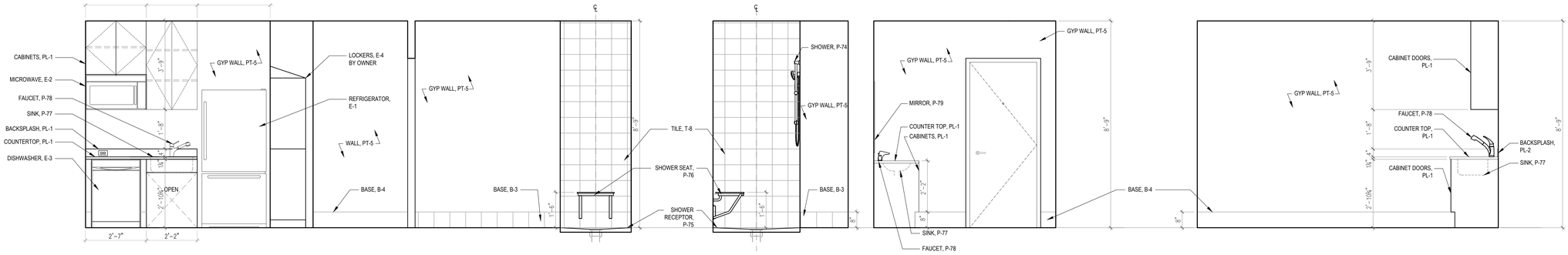
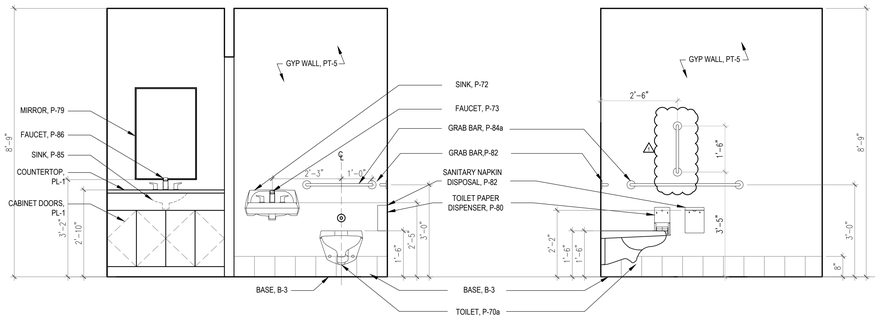


ELEVATION A

ELEVATION B

ELEVATION C



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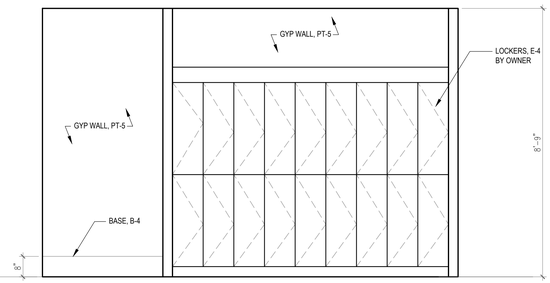

ELEVATION F

2 SUB CELLAR LEVEL STAFF LOCKER ROOM - ELEVATIONS

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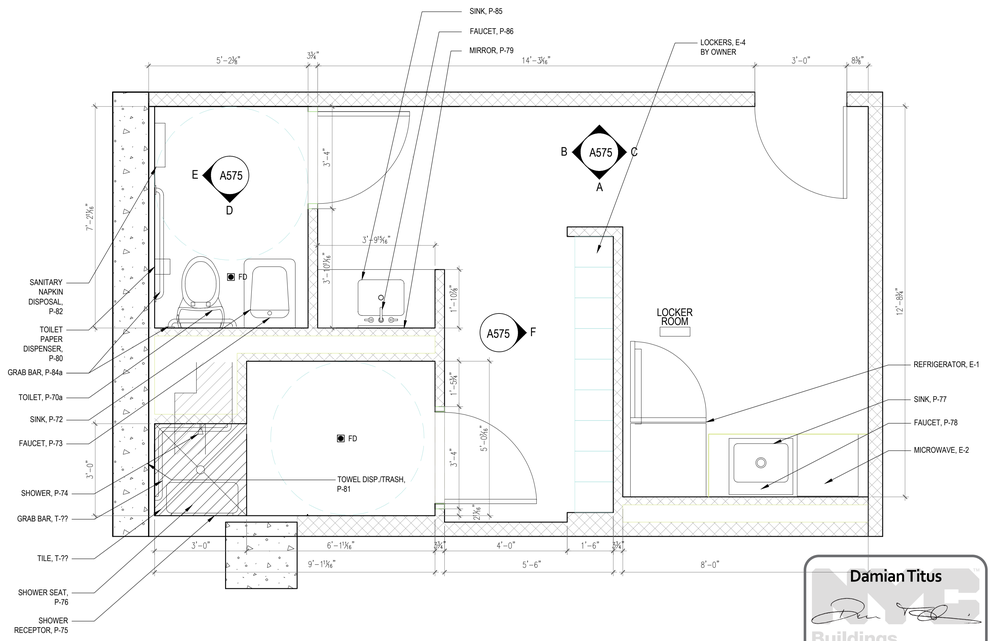

1 SUB CELLAR LEVEL STAFF LOCKER ROOM - PLAN

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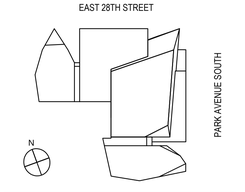
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.01.12	ASI 024

KEY PLAN



SCALE:

PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:

NON-RESIDENTIAL BATHROOM PLANS AND ELEVATIONS

DRAWING NO:

A578.00

NYC DOB NO: 121181808

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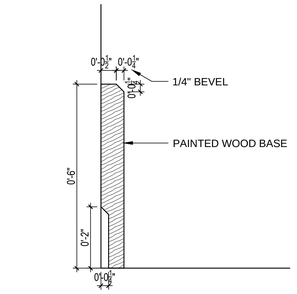
ES002192686 Scan Code



3 CORRIDOR WOOD BASE FLOORS 2-22
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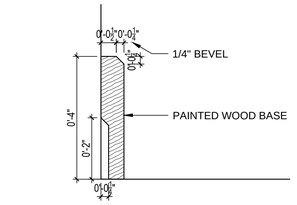

2 RESIDENTIAL UNIT INTERIOR WOOD BASE FLOORS 2-22
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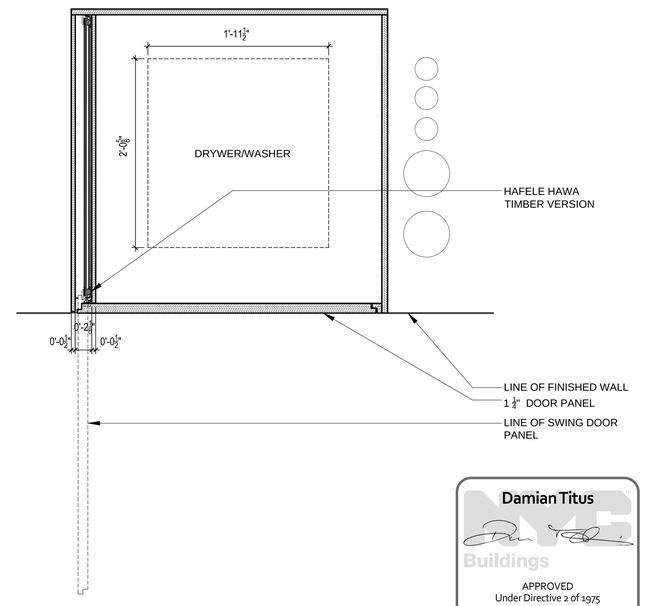

1 PLAN W/D CLOSET DOOR
Scale: 1-1/2" =1'-0"

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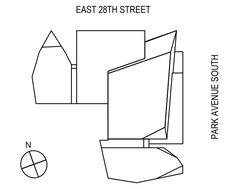
KEY PLAN



SCALE:
PROJECT NO: 874
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MISCELLANEOUS
INTERIOR DETAILS

DRAWING NO:
A580.00

NYC DOB NO: 121181808

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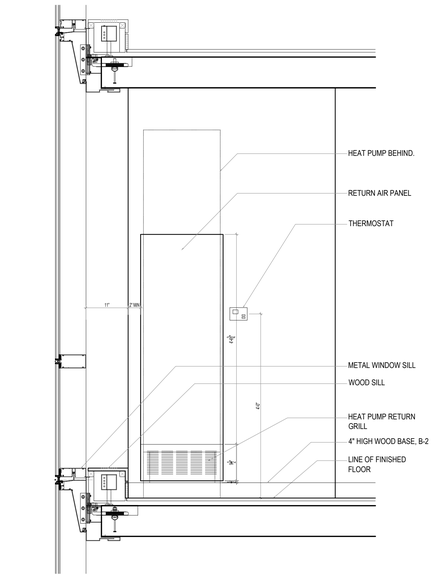
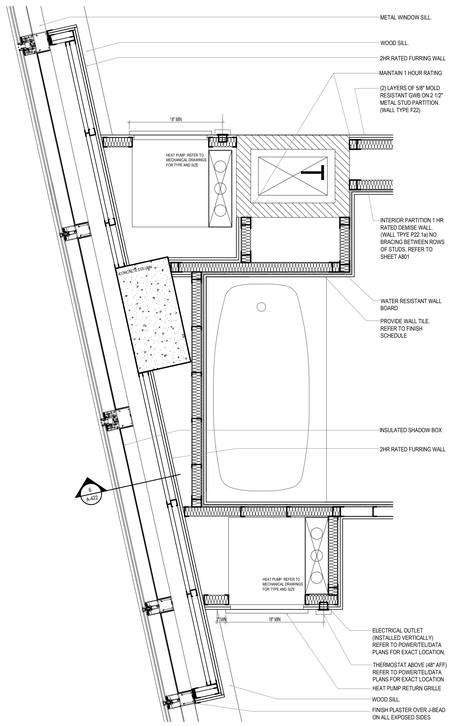
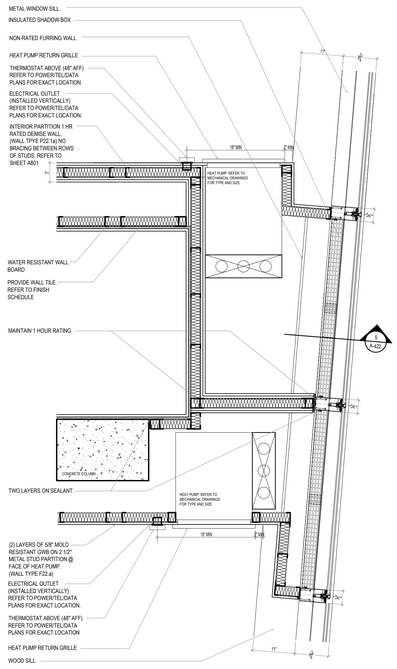
E 50062.7804401 Bldgs Code



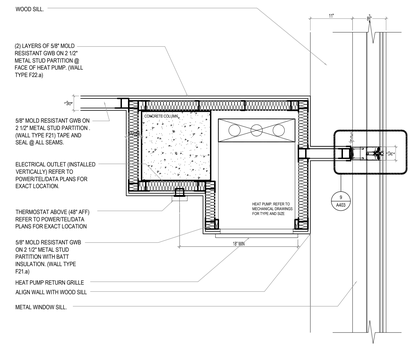
12 HEAT PUMP ELEVATION TYP.
SCALE: 3/4"=1'-0"



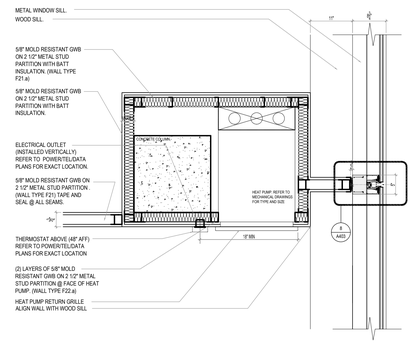
9 DETAIL @ 20TH FL UNIT B/C
SCALE: 3/4"=1'-0"



7 DETAIL @ 20TH FL UNIT D/E
SCALE: 3/4"=1'-0"



4 DETAIL @ BETWEEN RMS. 3 1/2" MULLION(20TH FL UNIT J)
SCALE: 3/4"=1'-0"



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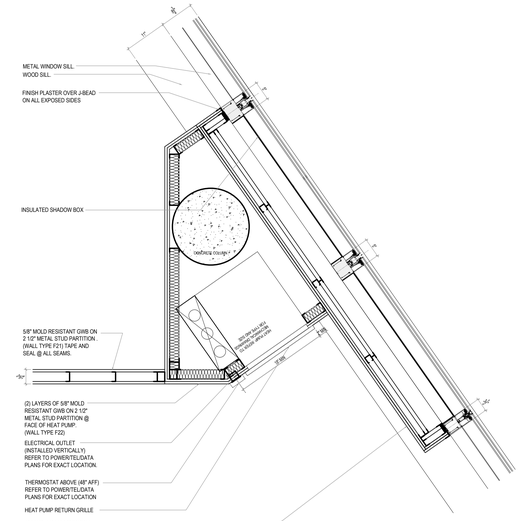
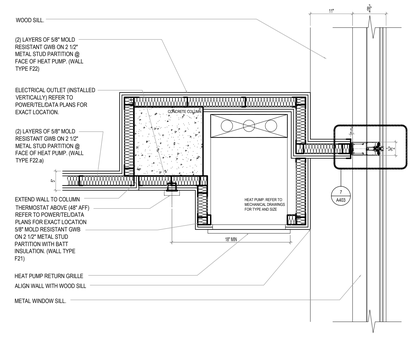
SCALE: 3/4"=1'-0"



11 DETAIL @ 37TH FL UNIT A
SCALE: 3/4"=1'-0"



2 DETAIL @ BETWEEN APTS. 3 1/2" MULLION(3RD FL UNIT M/N)
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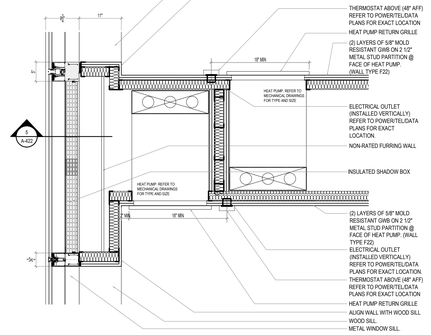
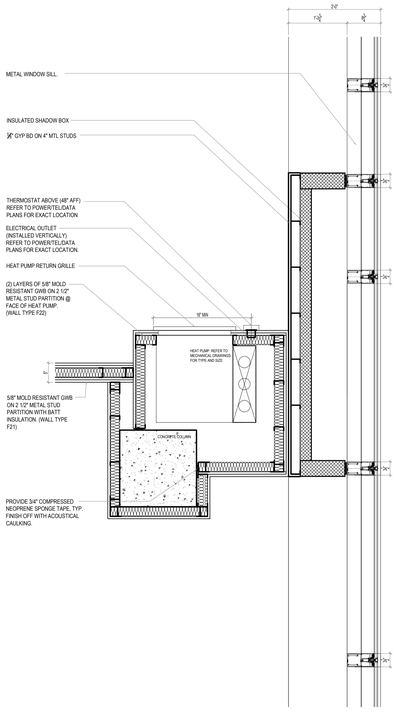
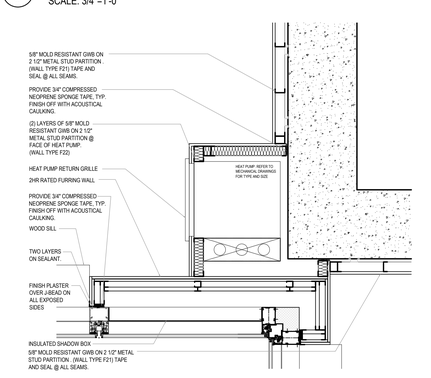


6 DETAIL @ 28TH FL UNIT A
SCALE: 3/4"=1'-0"

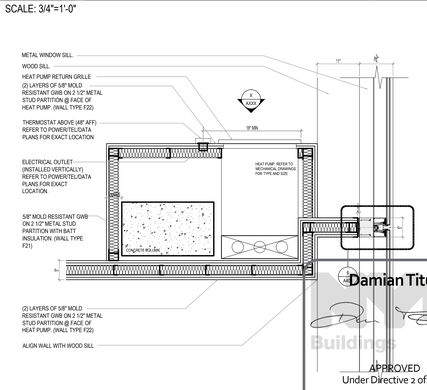
10 DETAIL @ 20TH FL UNIT D
SCALE: 3/4"=1'-0"



8 DETAIL @ 2ND FL UNIT G
SCALE: 3/4"=1'-0"



5 DETAIL @ 7TH FL UNIT M
SCALE: 3/4"=1'-0"



1 DETAIL @ BETWEEN APTS. 5" MULLION(3RD FL UNIT E/F)
SCALE: 3/4"=1'-0"

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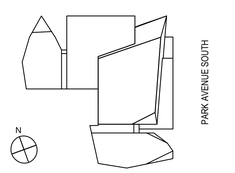
KEY PLAN



SCALE:
PROJECT NO: 874
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REGISTERED ARCHITECT D.S. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
HEAT PUMP DETAILS

DRAWING NO:
A582.00

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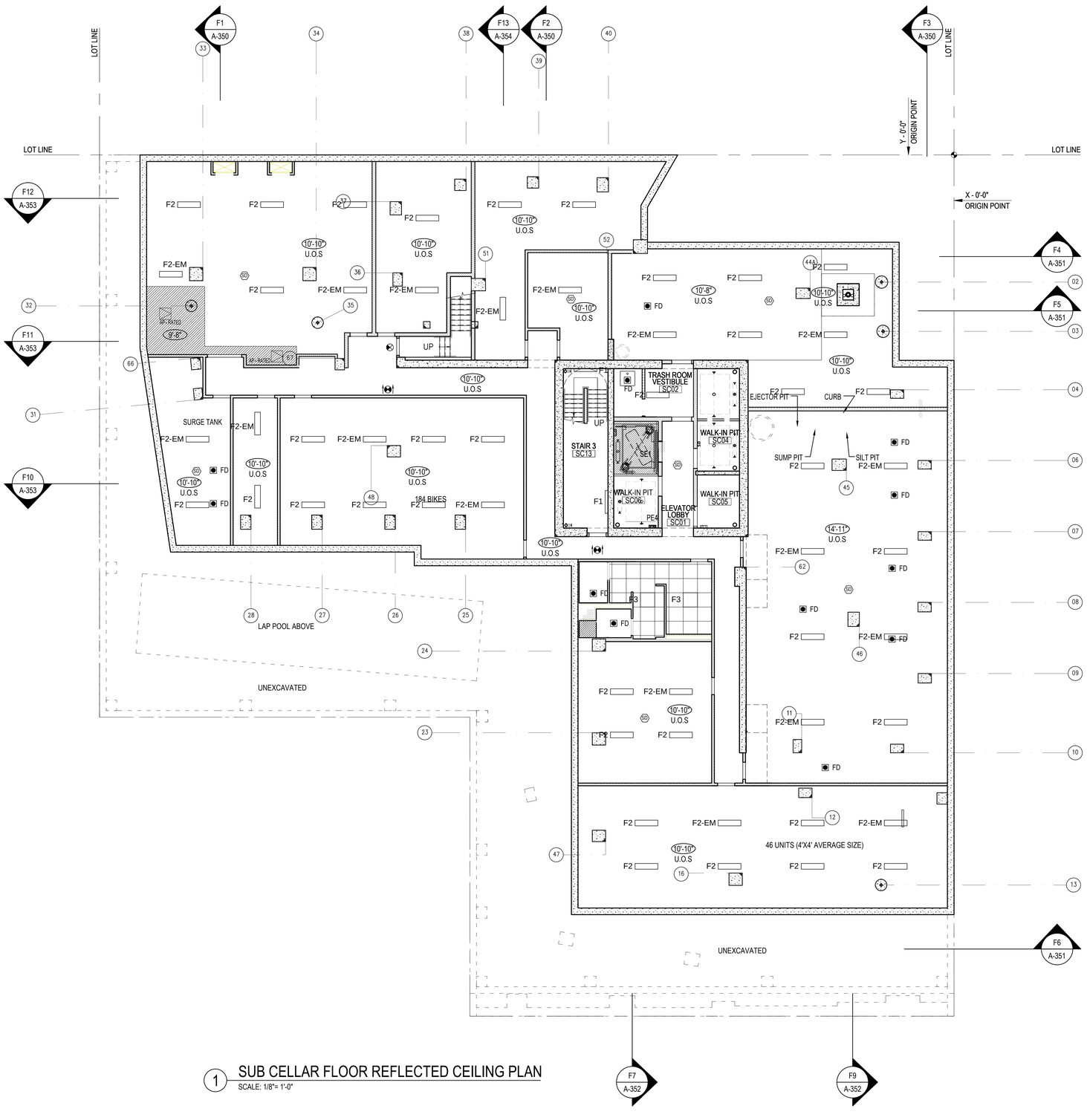

1 SUB CELLAR FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
- EXIT SIGNS
- 0'-0" — CEILING HEIGHT INDICATION
- PAINTED GWB CEILING
- SUSPENDED CEILING
- 2- HOUR RATED DUCTWORK ENCLOSURE
- PASSIVE VENTILATION JUMPER DUCT - ADJ. DOOR TO BE AIR SEALED
- $ — SWITCH 48" AFF
- $3A — THREE WAY SWITCH
- HVAC SUPPLY
- HVAC RETURN
- LINEAR DIFFUSER
- $ — SWITCH TO OUTLET. REFER TO ELECT. DRWNGS FOR OUTLET QUANTITY & LOCATIONS
- SPRINKLER HEAD. NOTE: SPRINKLER LOCATIONS ARE INDICATED FOR COORDINATION ONLY.
- CEILING GRID STARTING POINT

MISC LIGHTING LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

LA	LED MODULE	LQ	SAUNA WET LIGHT
LB	LINEAR FLOUORESCENTS	LS	2x2 DIFFUSED LIGHT
LC	DIMMING MICROSTRIP	LT	RECESSED DOWNLIGHT
LD	INTEGRAL LED MODULES	LU	DIMMING MICROSTRIP
LE	DIMMING MICROSTRIP	LV	INTEGRAL LEDs
LF	MICROSTRIP	LW	LED MODULE
LG	FLUORESCENT STRIPLIGHT	LX	BACKLIGHT LED MODULE
LH	DIMMABLE LEDS	F1	LINEAR FLUORESCENT WALL
LI	COVE UPLIGHT	F2	LINEAR FLUORESCENT CLG
LJ	DIMMING MICROSTRIP	F3	FLUORESCENT
LK	RECESSED LINEAR FLUOR.	XC	EXT. GLASS PARTITION LIGHT
LL	DIMMING MICROSTRIP	XD	EXTERIOR ACCENT HALOGEN
LM	DIMMING MICROSTRIP	XE	EXT. FLUORESCENT UPLIGHT
LM-1	DIMMING MICROSTRIP	XF	EXTERIOR LED MODULE
LN	DIMMING MICROSTRIP	XG	EXT. UNDER BENCH STRIP
LO	INTEGRAL LED MODULES	MC	INTEGRAL COLOR LED
LP	LOW VOLTAGE HALOGEN	MD	DIMMING FLUORESCENT

GENERAL NOTES

1. REFER TO X323 TO X340 AT FLOOR 23-40 FOR LIGHT FIXTURE LOCATIONS AND TYPES.
2. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION AND LIGHT FIXTURE SCHEDULES.
3. REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR EMERGENCY LIGHTING, SWITCH OUTLET LOCATIONS, AND ADDITIONAL INFORMATION.
4. ALL CONCRETE CEILINGS SHALL RECEIVE CONCRETE FINISH SYSTEM AND PAINT U.O.N.
5. ALL GWB CEILINGS TO BE PAINTED AND 8'-6" AFF UNLESS OTHERWISE NOTED.
6. SWITCHES / DEVICES SHOWN ADJACENT TO DOORS SHALL BE INSTALLED 6" FROM THE EDGE OF THE ADJACENT DOOR OPENING TO THE CENTERLINE OF THE SWITCH OR DEVICE, U.O.N.
7. CEILING-MOUNTED LIGHT FIXTURES, SMOKE DETECTORS, AND DIFFUSERS IN HALLWAYS SHALL BE CENTERED IN THE SHORT DIMENSION OF THE CEILING, U.O.N.
8. DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.O.N.
9. CENTER WALL-MOUNTED FIXTURES HORIZONTALLY AT CLOSETS.
10. CEILING GRID SHALL BE CENTERED ON ROOM OR SPACES U.O.N.
11. LIGHT FIXTURES AND HVAC VENTS SHALL BE CENTERED IN ACOUSTIC TILE U.O.N.
12. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING HEIGHTS AND CONDITIONS FOR CLEARANCE OF MECHANICAL UNITS, DUCTWORK, PIPING, LIGHT FIXTURES, ETC..
13. IN ALL AREAS WHERE STRUCTURE IS TO REMAIN EXPOSED PROVIDE PAINTED FINISH ON ALL SURFACES, DUCTWORK AND UTILITY LINES EXCEPT WHERE PROHIBITED BY CODE.
14. REFER TO DRAWING A802 FOR TYPICAL CEILING DETAILS.
15. REFER TO SPRINKLER DRAWINGS FOR LAYOUT, AND QUANTITY. SPRINKLER HEAD LOCATIONS ARE INDICATED FOR COORDINATION ONLY. CM TO COORDINATE WITH SPRINKLER AND FIRE PROTECTION DRAWINGS.
16. REFER TO BLISS FASSMAN LIGHTING SPECIFICATIONS FOR ADDITIONAL INFORMATION.
17. AT KITCHEN WITHOUT GWB CEILINGS, CENTER KITCHEN EXHAUST GRILLES IN SOFFIT ABOVE UPPER CABINETS.
18. AT KITCHEN WITH GWB CEILINGS, ALIGN EXHAUST GRILLES WITH RA LIGHT FIXTURE.

KEYED NOTES

1. GWB SOFFIT - TO BE 1'-0" BELOW ELEVATION OF CEILING HEIGHT OF ADJACENT KITCHEN
2. SEE DETAIL 9/A441.00
3. SEE DETAIL 10/A441.00
4. 7/8" FURRING WITH 5/8" GWB CEILING TO UNDERSIDE OF SLAB
5. WALK IN CLOSET LIGHT TO BE ON SENSOR
6. COORDINATE SOFFIT WITH MEP FOR ROOF DRAIN.
7. PROVIDE CEILING RECESS FOR CURTAIN POCKET
8. PERFORATED GYP BOARD ACOUSTIC CEILING, OR SIMILAR
9. TECHNICAL GRILLE TO BE 2" DIA. STEEL TUBE (COLOR TO MATCH CEILING) SUSPENDED BELOW ACOUSTIC CEILING @ 24" O.C.
10. DROP-DOWN SCREEN CONCEALED IN CEILING.

Damian Titus

APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:01 AM
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NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
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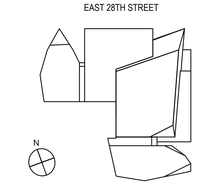
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
SUB CELLAR FLOOR RCP

DRAWING NO:
A-599.00

NYC DOB NO: 121181808

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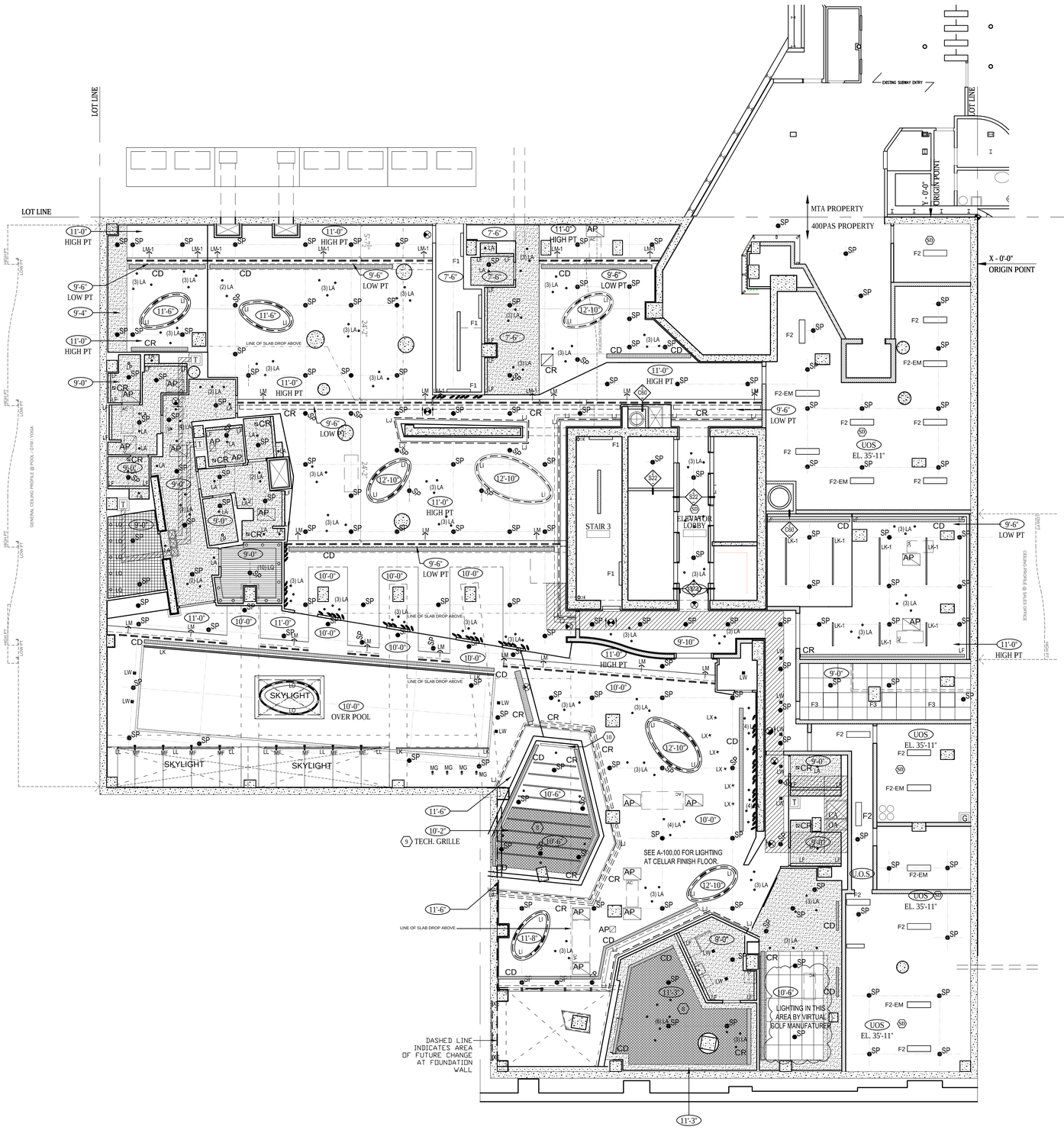
DEPT OF BLDGS121181808 Job Number
ES436837715 Scan Code



1 CELLAR FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

NOTE: ACCESS PANEL LOCATIONS SHOWN FOR DESIGN LOCATIONS ONLY. CONTRACTOR TO COORDINATE ALL REQUIRED ACCESS PANELS AND NOTIFY ARCHITECT OF ADDITIONAL REQUIRED LOCATIONS AND ANY DISCREPANCIES.

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
- EXIT SIGNS
- 0'-0" — CEILING HEIGHT INDICATION
- PAINTED GWB CEILING
- SUSPENDED CEILING
- 2- HOUR RATED DUCTWORK ENCLOSURE
- PASSIVE VENTILATION JUMPER DUCT - ADJ. DOOR TO BE AIR SEALED
- $ — SWITCH 48" AFF
- $ 3A — THREE WAY SWITCH
- HVAC SUPPLY
- HVAC RETURN
- LINEAR DIFFUSER
- $ — SWITCH TO OUTLET. REFER TO ELECT. DRWNGS FOR OUTLET QUANTITY & LOCATIONS
- SPRINKLER HEAD. NOTE: SPRINKLER LOCATIONS ARE INDICATED FOR COORDINATION ONLY.
- CEILING GRID STARTING POINT

MISC LIGHTING LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

LA	LED MODULE	LQ	SAUNA WET LIGHT
LB	LINEAR FLUOURESCENTS	LS	2x2 DIFFUSED LIGHT
LC	DIMMING MICROSTRIP	LT	RECESSED DOWNLIGHT
LD	INTEGRAL LED MODULES	LU	DIMMING MICROSTRIP
LE	DIMMING MICROSTRIP	LV	INTEGRAL LEDs
LF	MICROSTRIP	LW	LED MODULE
LG	FLUORESCENT STRIPLIGHT	LX	BACKLIGHT LED MODULE
LH	DIMMABLE LEDS	F1	LINEAR FLUORESCENT WALL
LI	COVE UPLIGHT	F2	LINEAR FLUORESCENT CLG
LJ	DIMMING MICROSTRIP	F3	FLUORESCENT
LK	RECESSED LINEAR FLUOR.	XC	EXT. GLASS PARTITION LIGHT
LL	DIMMING MICROSTRIP	XD	EXTERIOR ACCENT HALOGEN
LM	DIMMING MICROSTRIP	XE	EXT. FLUORESCENT UPLIGHT
LM-1	DIMMING MICROSTRIP	XF	EXTERIOR LED MODULE
LN	DIMMING MICROSTRIP	XG	EXT. UNDER BENCH STRIP
LO	INTEGRAL LED MODULES	MC	INTEGRAL COLOR LED
LP	LOW VOLTAGE HALOGEN	MD	DIMMING FLUORESCENT

GENERAL NOTES

1. REFER TO X323 TO X340 AT FLOOR 23-40 FOR LIGHT FIXTURE LOCATIONS AND TYPES.
2. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION AND LIGHT FIXTURE SCHEDULES.
3. REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR EMERGENCY LIGHTING, SWITCH OUTLET LOCATIONS, AND ADDITIONAL INFORMATION.
4. ALL CONCRETE CEILINGS SHALL RECEIVE CONCRETE FINISH SYSTEM AND PAINT U.O.N.
5. ALL GWB CEILINGS TO BE PAINTED AND 8'-6" AFF UNLESS OTHERWISE NOTED.
6. SWITCHES / DEVICES SHOWN ADJACENT TO DOORS SHALL BE INSTALLED 6" FROM THE EDGE OF THE ADJACENT DOOR OPENING TO THE CENTERLINE OF THE SWITCH OR DEVICE, U.O.N.
7. CEILING-MOUNTED LIGHT FIXTURES, SMOKE DETECTORS, AND DIFFUSERS IN HALLWAYS SHALL BE CENTERED IN THE SHORT DIMENSION OF THE CEILING, U.O.N.
8. DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.O.N.
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13. IN ALL AREAS WHERE STRUCTURE IS TO REMAIN EXPOSED PROVIDE PAINTED FINISH ON ALL SURFACES, DUCTWORK AND UTILITY LINES EXCEPT WHERE PROHIBITED BY CODE.
14. REFER TO DRAWING A802 FOR TYPICAL CEILING DETAILS.
15. REFER TO SPRINKLER DRAWINGS FOR LAYOUT, AND QUANTITY. SPRINKLER HEAD LOCATIONS ARE INDICATED FOR COORDINATION ONLY. CM TO COORDINATE WITH SPRINKLER AND FIRE PROTECTION DRAWINGS.
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KEYED NOTES

1. GWB SOFFIT - TO BE 1'-0" BELOW ELEVATION OF CEILING HEIGHT OF ADJACENT KITCHEN
2. SEE DETAIL 9/A441.00
3. SEE DETAIL 10/A441.00
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5. WALK IN CLOSET LIGHT TO BE ON SENSOR
6. COORDINATE SOFFIT WITH MEP FOR ROOF DRAIN.
7. PROVIDE CEILING RECESS FOR CURTAIN POCKET
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9. TECHNICAL GRILLE TO BE 2" DIA. STEEL TUBE (COLOR TO MATCH CEILING) SUSPENDED BELOW ACOUSTIC CEILING @ 24" O.C.
10. DROP-DOWN SCREEN CONCEALED IN CEILING.

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:01 AM
NYC Development Hub

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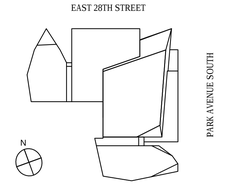
⚠	07.25.12	ASI 013

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
CELLAR FLOOR RCP

DRAWING NO:
A-600.00

NYC DOB NO: 121181808

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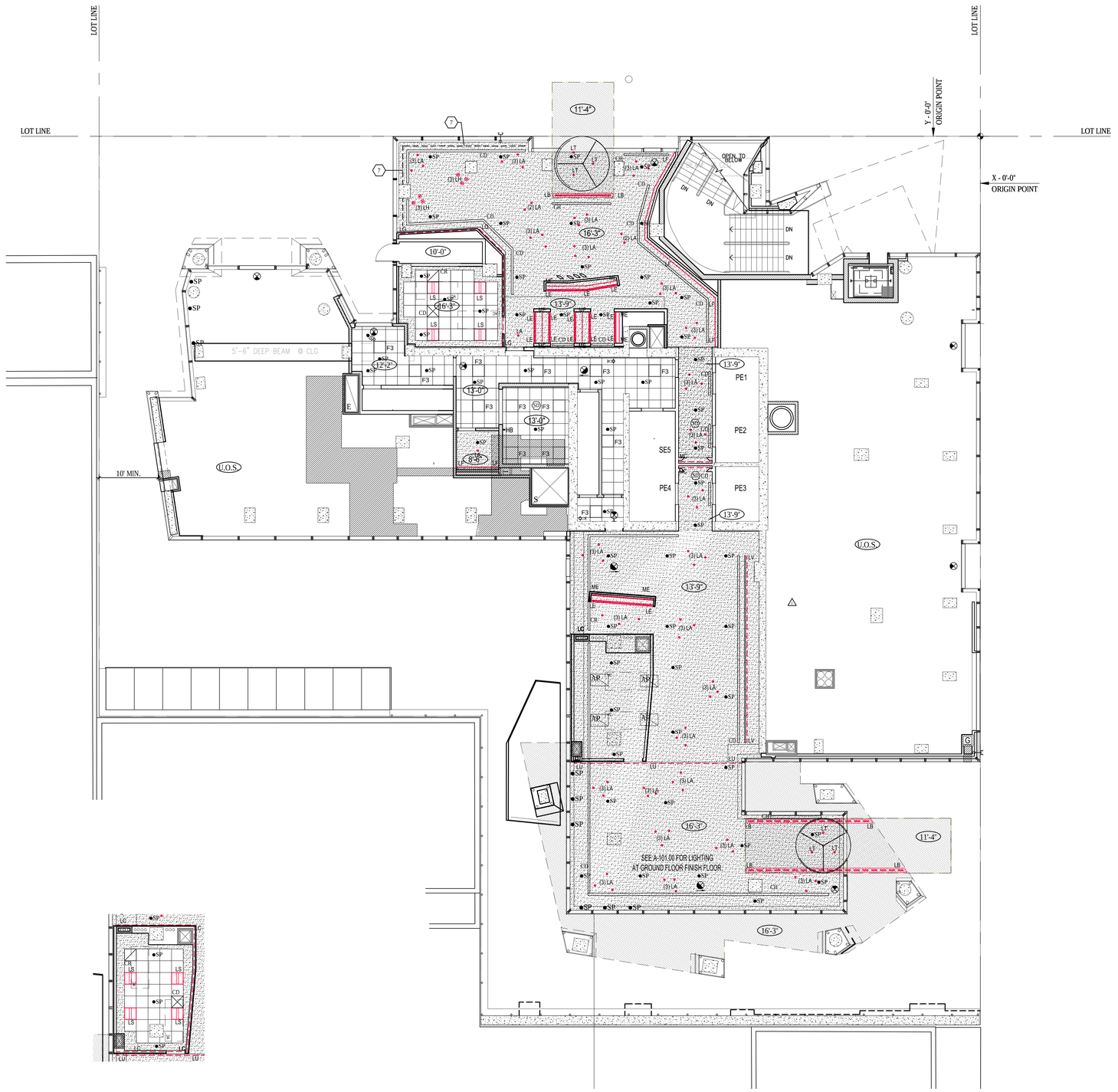
ES8626156770 Scan Code



2 PARTIAL RCP AT CONDO LOBBY PACKAGE ROOM
SCALE: 1/8"= 1'-0"

1 GROUND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

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△

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10. DROP-DOWN SCREEN CONCEALED IN CEILING.

Damian Titus
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Under Directive 2 of 1975
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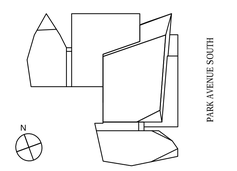
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
GROUND FLOOR RCP

DRAWING NO:
A-601.00

NYC DOB NO: 121181808

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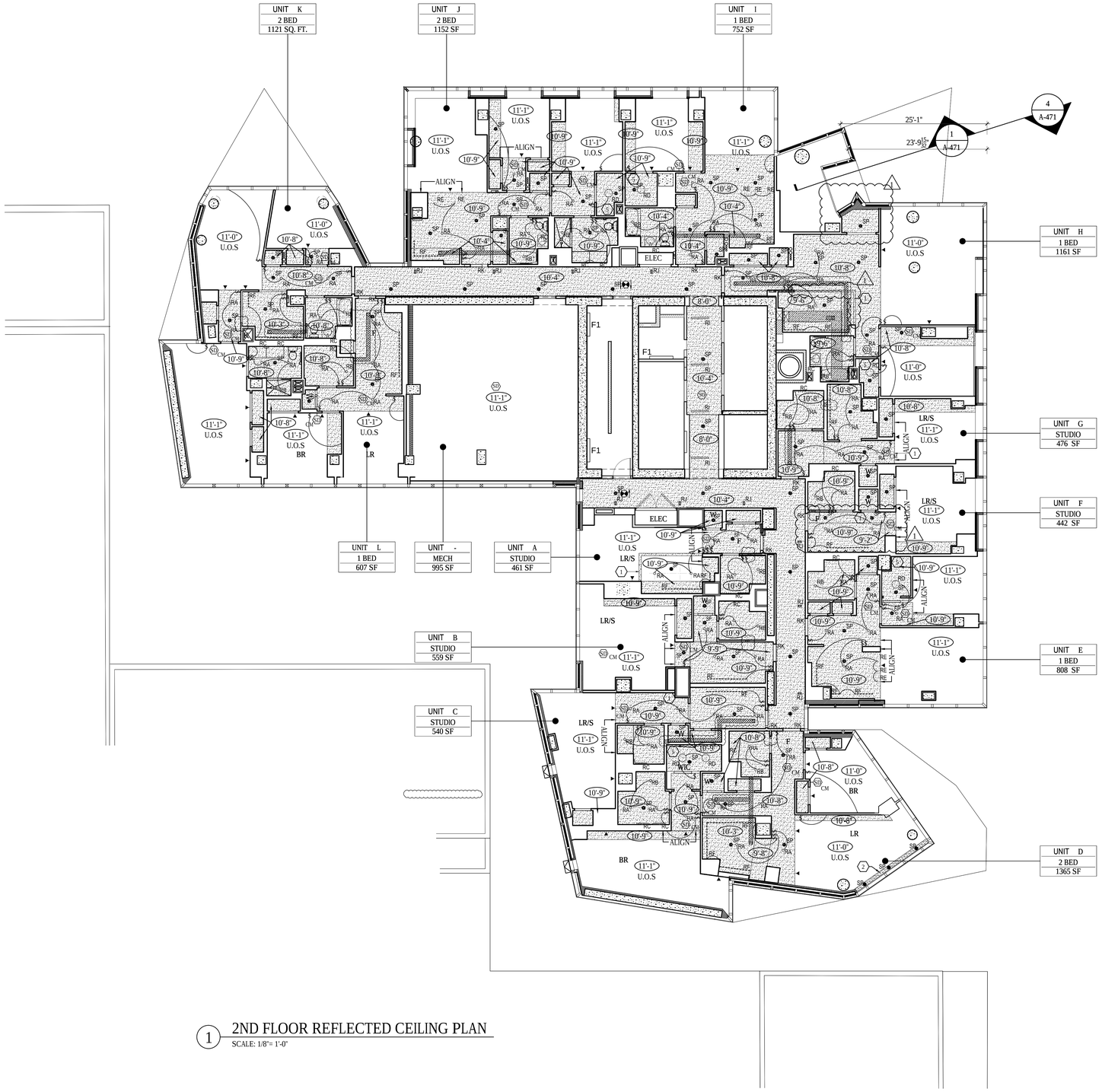

1 2ND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
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- CEILING GRID STARTING POINT

RENTAL LIGHTING LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- RA — RECESSED HALOGEN
- RB — RECESSED HALOGEN
- RC — LINEAR LED
- RD — CEILING MTD FLUORESCENT
- RE — SUSPENDED LED
- RF — LINEAR TASK LIGHT
- RG — RECESSED OUTLET BOX
- RH — RECESSED OUTLET BOX
- RI — RECESSED LINEAR LED
- RJ — MULTIPLE LEDs
- RK — BACKLIGHT LED MODULE

GENERAL NOTES

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11. LIGHT FIXTURES AND HVAC VENTS SHALL BE CENTERED IN ACOUSTIC TILE U.O.N.
12. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING HEIGHTS AND CONDITIONS FOR CLEARANCE OF MECHANICAL UNITS, DUCTWORK, PIPING, LIGHT FIXTURES, ETC..
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3. SEE DETAIL 10/A441.00
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5. WALK IN CLOSET LIGHT TO BE ON SENSOR
6. COORDINATE SOFFIT WITH MEP FOR ROOF DRAIN.
7. PROVIDE CEILING RECESS FOR CURTAIN POCKET
8. PERFORATED GYP BOARD ACOUSTIC CEILING, OR SIMILAR
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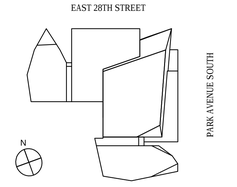

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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
2ND FLOOR RCP

DRAWING NO:
A-602.00

NYC DOB NO: 121181808

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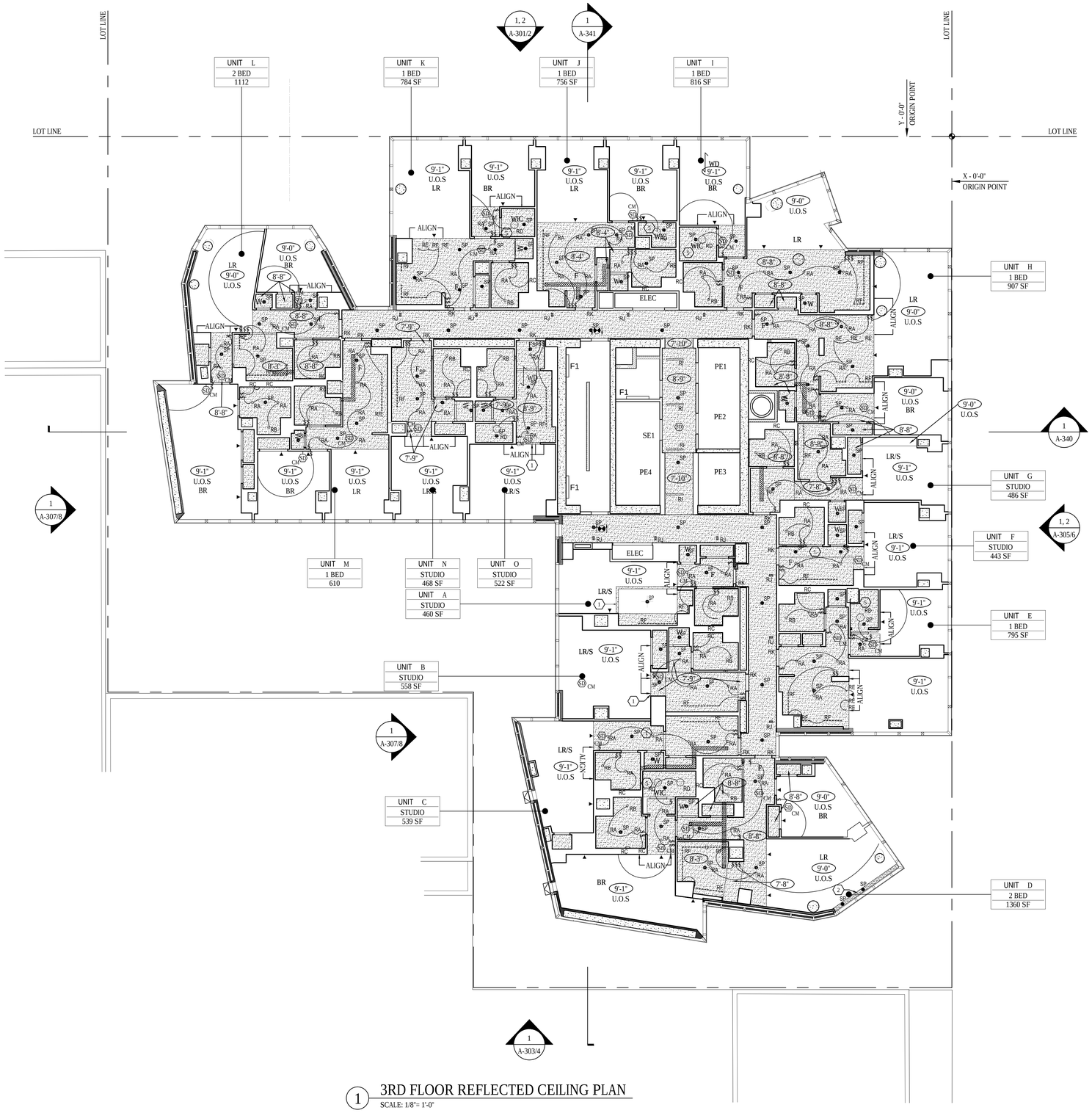

1 3RD FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
- EXIT SIGNS
- 0'-0" — CEILING HEIGHT INDICATION
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- 2- HOUR RATED DUCTWORK ENCLOSURE
- PASSIVE VENTILATION JUMPER DUCT - ADJ. DOOR TO BE AIR SEALED
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- LINEAR DIFFUSER
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- SPRINKLER HEAD. NOTE: SPRINKLER LOCATIONS ARE INDICATED FOR COORDINATION ONLY.
- CEILING GRID STARTING POINT

RENTAL LIGHTING LEGEND

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- RA — RECESSED HALOGEN
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- RC — LINEAR LED
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GENERAL NOTES

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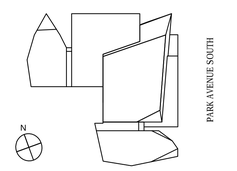

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

D.B. MIDDLETON REGISTERED ARCHITECT 019933-1 STATE OF NEW YORK

DRAWING TITLE:
3RD FLOOR RCP
(4TH - 5TH SIMILAR)

DRAWING NO:
A-603.00

NYC DOB NO: 121181808

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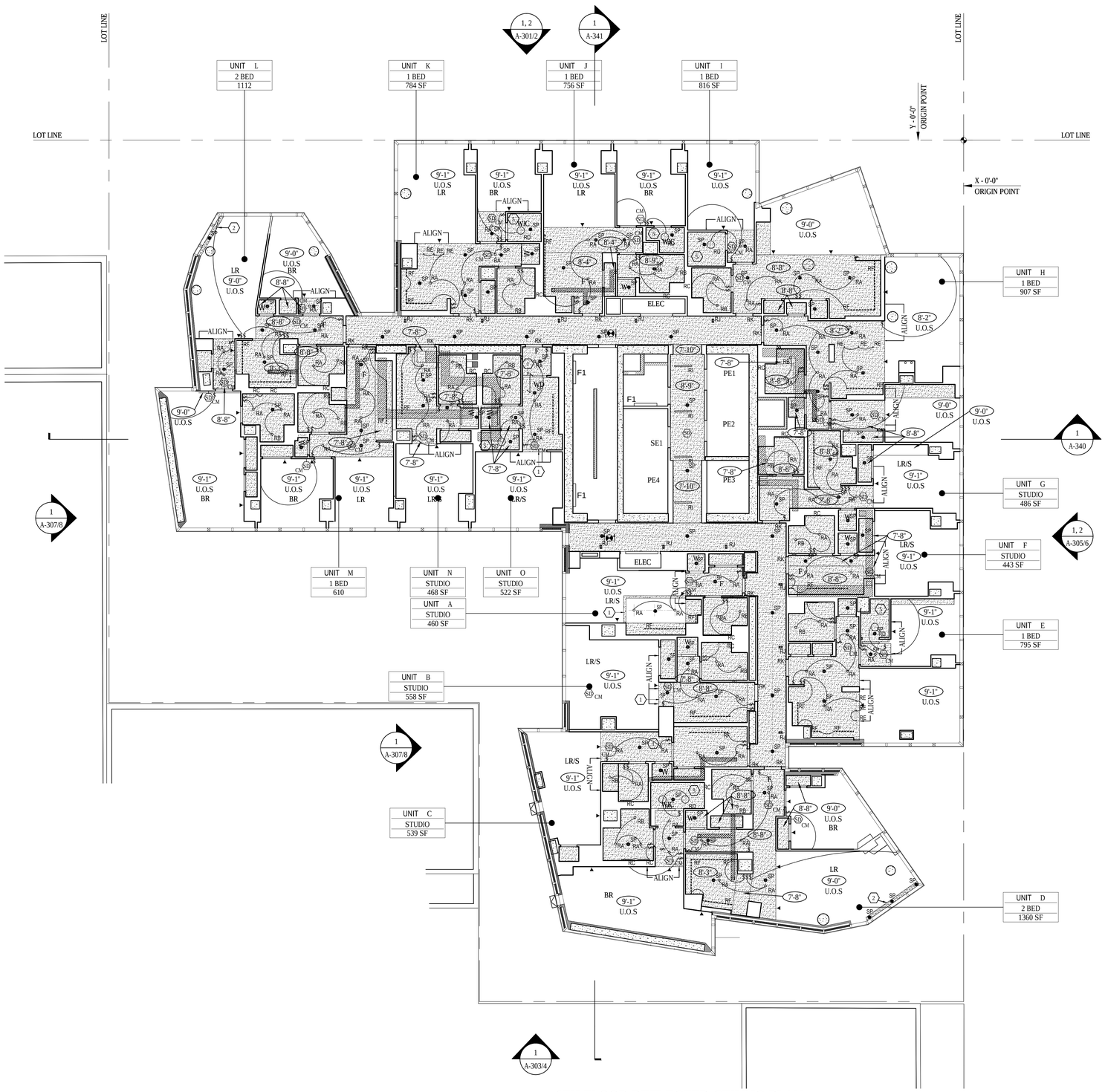

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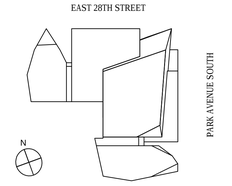

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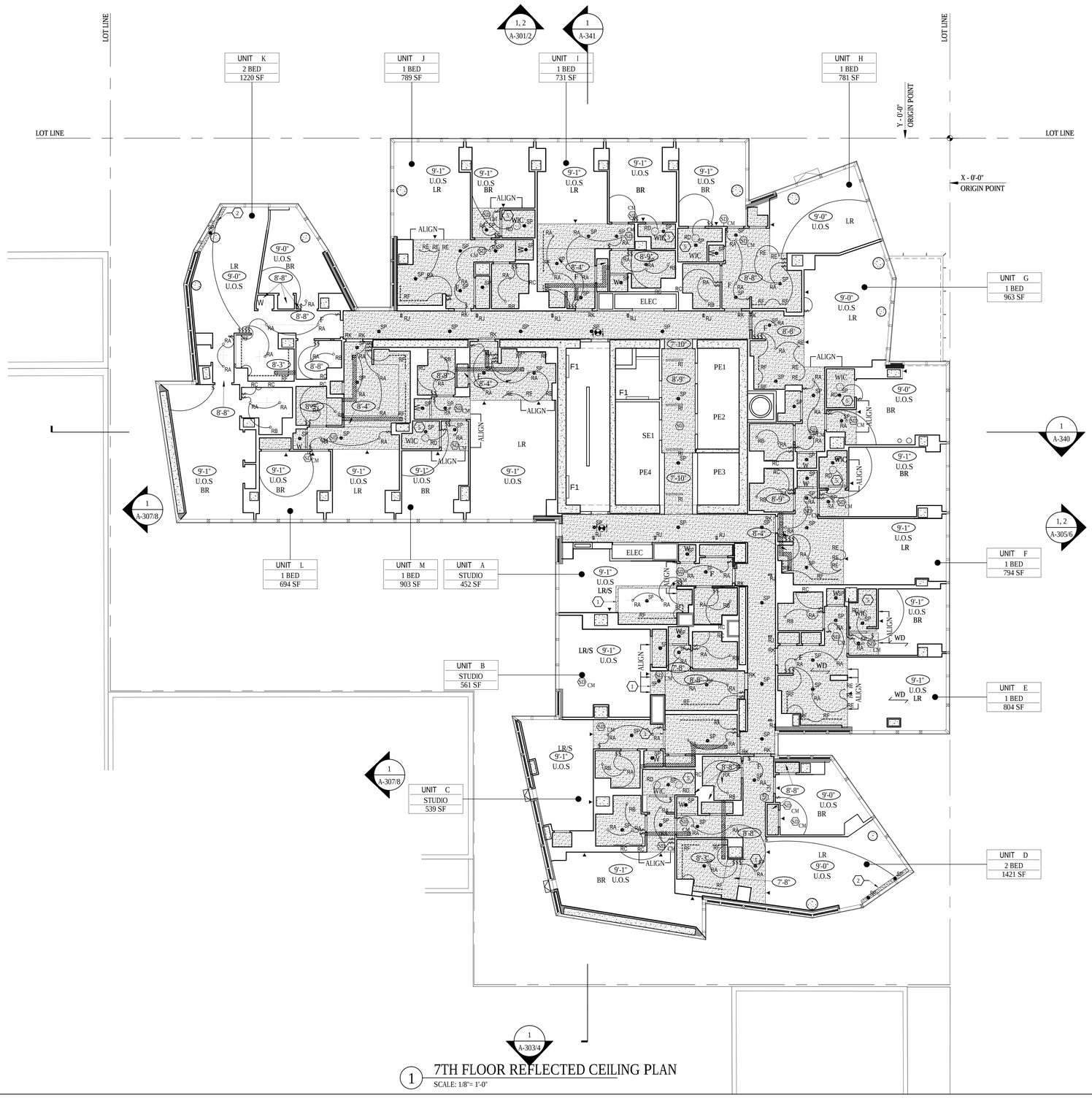

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- HVAC RETURN
- LINEAR DIFFUSER
- $ — SWITCH TO OUTLET. REFER TO ELECT. DRWNGS FOR OUTLET QUANTITY & LOCATIONS
- SPRINKLER HEAD. NOTE: SPRINKLER LOCATIONS ARE INDICATED FOR COORDINATION ONLY.
- CEILING GRID STARTING POINT

RENTAL LIGHTING LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- RA — RECESSED HALOGEN
- RB — RECESSED HALOGEN
- RC — LINEAR LED
- RD — CEILING MTD FLUORESCENT
- RE — SUSPENDED LED
- RF — LINEAR TASK LIGHT
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- RJ — MULTIPLE LEDs
- RK — BACKLIGHT LED MODULE

GENERAL NOTES

1. REFER TO X323 TO X340 AT FLOOR 23-40 FOR LIGHT FIXTURE LOCATIONS AND TYPES.
2. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION AND LIGHT FIXTURE SCHEDULES.
3. REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR EMERGENCY LIGHTING, SWITCH OUTLET LOCATIONS, AND ADDITIONAL INFORMATION.
4. ALL CONCRETE CEILINGS SHALL RECEIVE CONCRETE FINISH SYSTEM AND PAINT U.O.N.
5. ALL GWB CEILINGS TO BE PAINTED AND 8'-6" AFF UNLESS OTHERWISE NOTED.
6. SWITCHES / DEVICES SHOWN ADJACENT TO DOORS SHALL BE INSTALLED 6" FROM THE EDGE OF THE ADJACENT DOOR OPENING TO THE CENTERLINE OF THE SWITCH OR DEVICE, U.O.N.
7. CEILING-MOUNTED LIGHT FIXTURES, SMOKE DETECTORS, AND DIFFUSERS IN HALLWAYS SHALL BE CENTERED IN THE SHORT DIMENSION OF THE CEILING, U.O.N.
8. DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.O.N.
9. CENTER WALL-MOUNTED FIXTURES HORIZONTALLY AT CLOSETS.
10. CEILING GRID SHALL BE CENTERED ON ROOM OR SPACES U.O.N.
11. LIGHT FIXTURES AND HVAC VENTS SHALL BE CENTERED IN ACOUSTIC TILE U.O.N.
12. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING HEIGHTS AND CONDITIONS FOR CLEARANCE OF MECHANICAL UNITS, DUCTWORK, PIPING, LIGHT FIXTURES, ETC..
13. IN ALL AREAS WHERE STRUCTURE IS TO REMAIN EXPOSED PROVIDE PAINTED FINISH ON ALL SURFACES, DUCTWORK AND UTILITY LINES EXCEPT WHERE PROHIBITED BY CODE.
14. REFER TO DRAWING A802 FOR TYPICAL CEILING DETAILS.
15. REFER TO SPRINKLER DRAWINGS FOR LAYOUT, AND QUANTITY. SPRINKLER HEAD LOCATIONS ARE INDICATED FOR COORDINATION ONLY. CM TO COORDINATE WITH SPRINKLER AND FIRE PROTECTION DRAWINGS.
16. REFER TO BLISS FASSMAN LIGHTING SPECIFICATIONS FOR ADDITIONAL INFORMATION.
17. AT KITCHEN WITHOUT GWB CEILINGS, CENTER KITCHEN EXHAUST GRILLES IN SOFFIT ABOVE UPPER CABINETS.
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5. WALK IN CLOSET LIGHT TO BE ON SENSOR
6. COORDINATE SOFFIT WITH MEP FOR ROOF DRAIN.
7. PROVIDE CEILING RECESS FOR CURTAIN POCKET
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9. TECHNICAL GRILLE TO BE 2" DIA. STEEL TUBE (COLOR TO MATCH CEILING) SUSPENDED BELOW ACOUSTIC CEILING @ 24" O.C.
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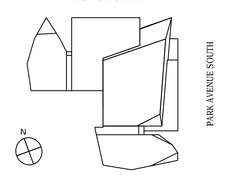
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
7TH FLOOR RCP
(8TH - 18TH SIMILAR)

DRAWING NO:
A-607.00

NYC DOB NO: 121181808

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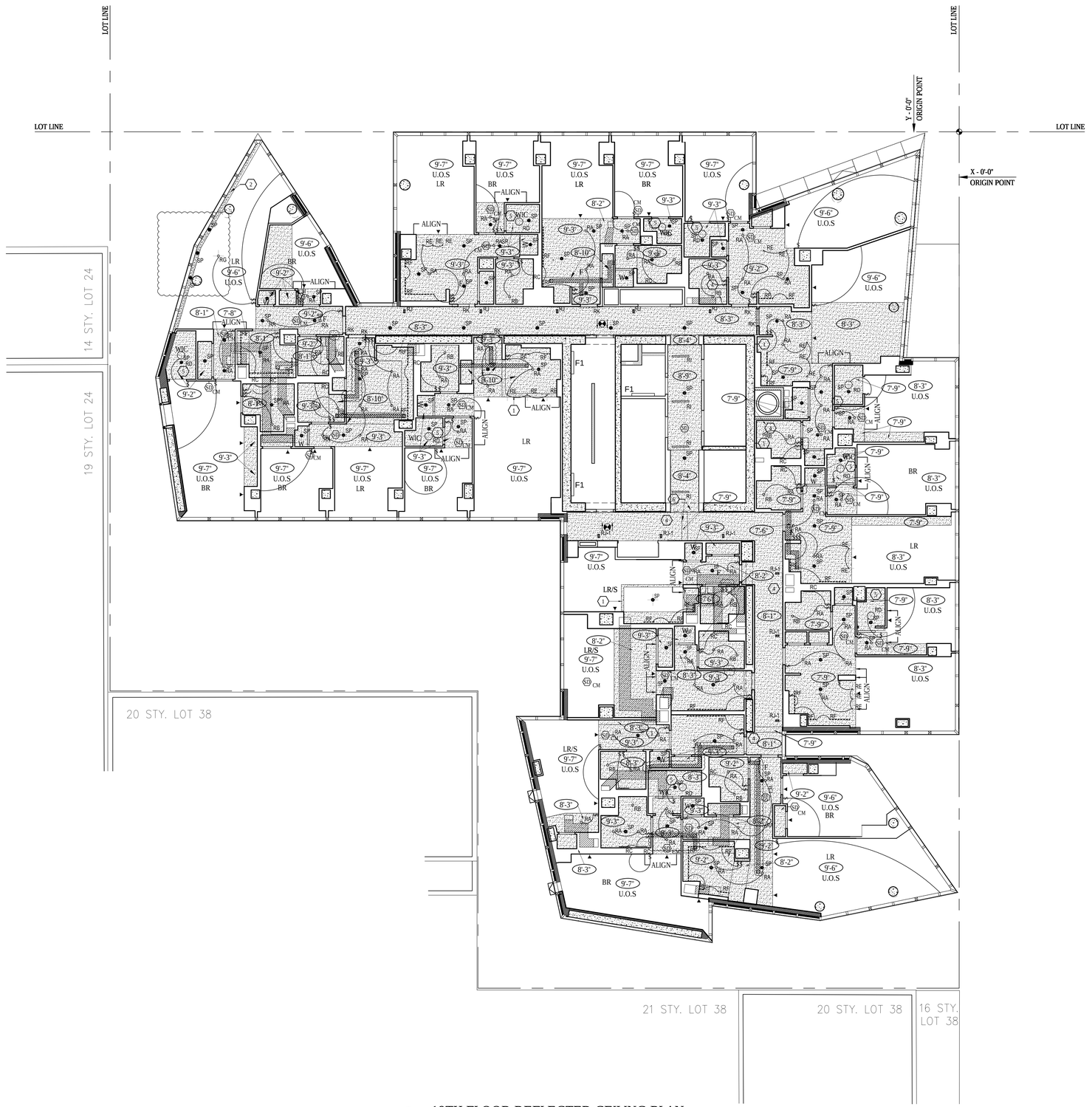
ES/S7/2605/26 Scan Code



1 19TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
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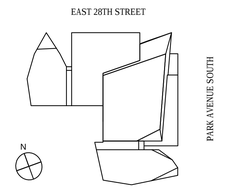
KEY PLAN



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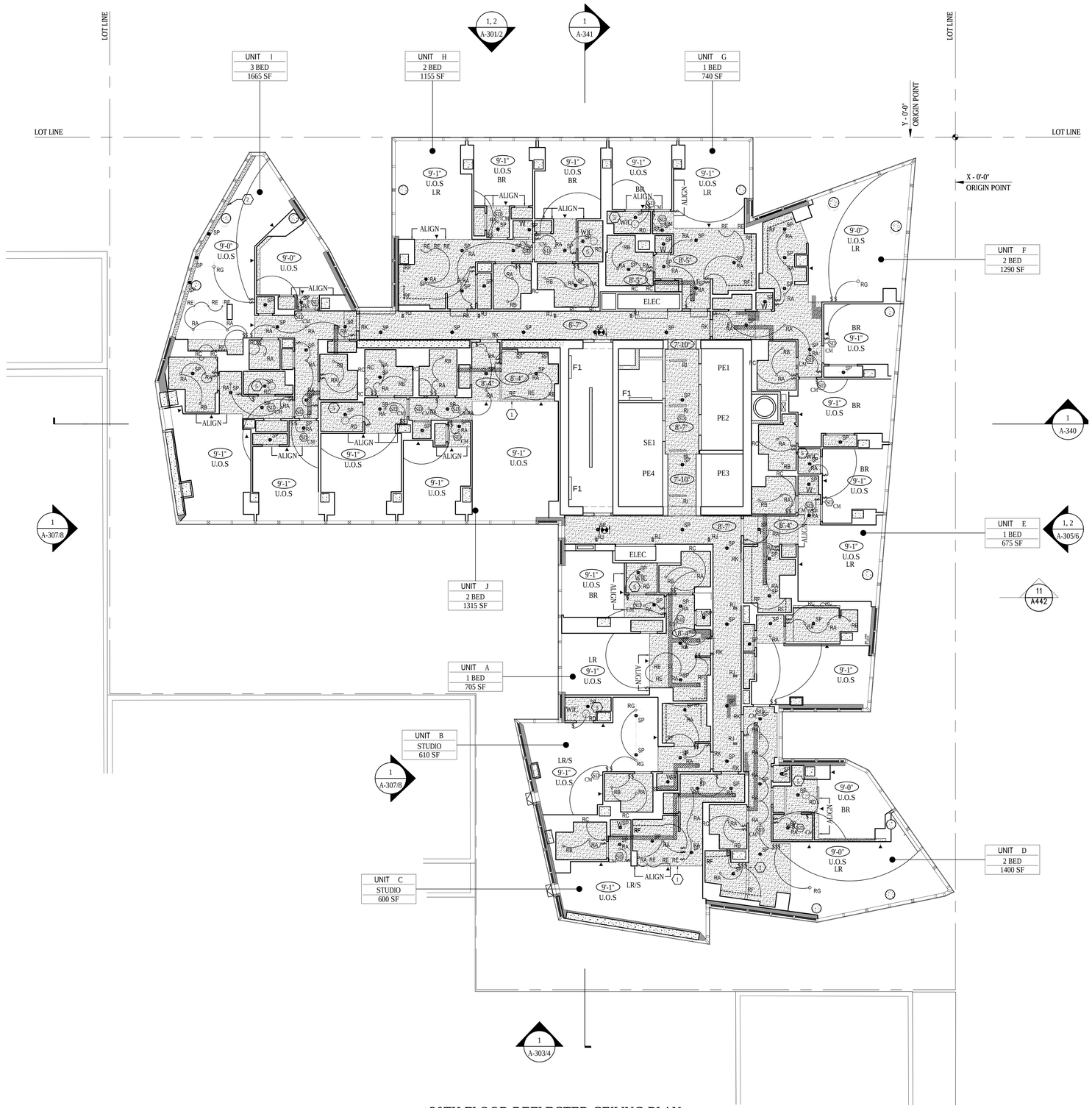

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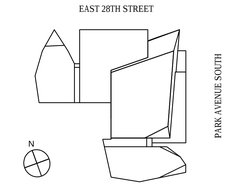
KEY PLAN



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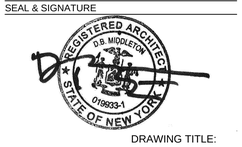
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
20TH FLOOR RCP

DRAWING NO:
A-620.00

NYC DOB NO: 121181808

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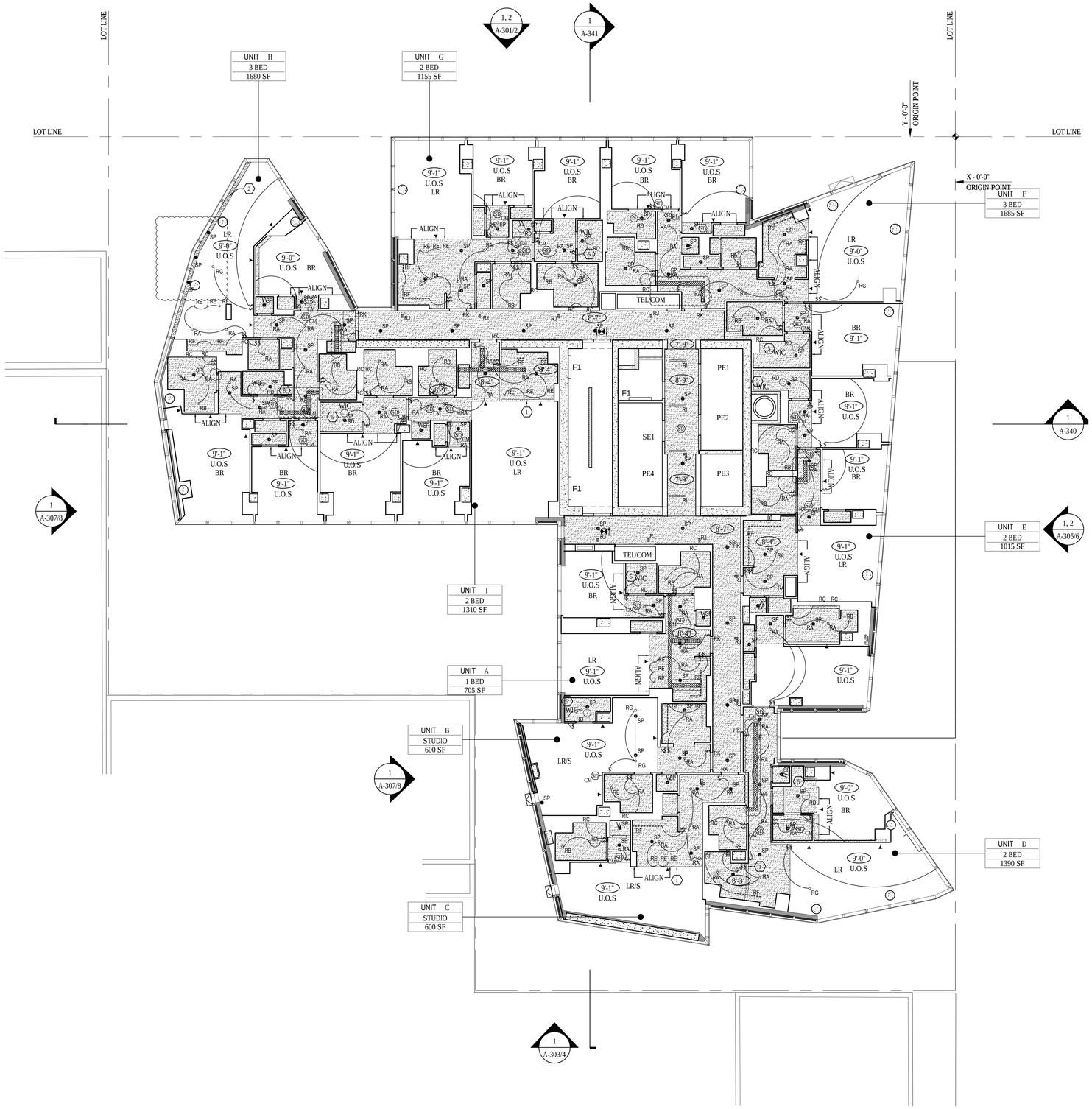
ES577350556 Scan Code



1 21ST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
- EXIT SIGNS
- 0'-0" — CEILING HEIGHT INDICATION
- PAINTED GWB CEILING
- SUSPENDED CEILING
- 2- HOUR RATED DUCTWORK ENCLOSURE
- PASSIVE VENTILATION JUMPER DUCT - ADJ. DOOR TO BE AIR SEALED
- $ — SWITCH 48" AFF
- $ 3A — THREE WAY SWITCH
- HVAC SUPPLY
- HVAC RETURN
- LINEAR DIFFUSER
- $ — SWITCH TO OUTLET. REFER TO ELECT. DRWNGS FOR OUTLET QUANTITY & LOCATIONS
- SPRINKLER HEAD. NOTE: SPRINKLER LOCATIONS ARE INDICATED FOR COORDINATION ONLY.
- CEILING GRID STARTING POINT

RENTAL LIGHTING LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- RA — RECESSED HALOGEN
- RB — RECESSED HALOGEN
- RC — LINEAR LED
- RD — CEILING MTD FLUORESCENT
- RE — SUSPENDED LED
- RF — LINEAR TASK LIGHT
- RG — RECESSED OUTLET BOX
- RH — RECESSED OUTLET BOX
- RI — RECESSED LINEAR LED
- RJ — MULTIPLE LEDs
- RK — BACKLIGHT LED MODULE

GENERAL NOTES

1. REFER TO X323 TO X340 AT FLOOR 23-40 FOR LIGHT FIXTURE LOCATIONS AND TYPES.
2. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION AND LIGHT FIXTURE SCHEDULES.
3. REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR EMERGENCY LIGHTING, SWITCH OUTLET LOCATIONS, AND ADDITIONAL INFORMATION.
4. ALL CONCRETE CEILINGS SHALL RECEIVE CONCRETE FINISH SYSTEM AND PAINT U.O.N.
5. ALL GWB CEILINGS TO BE PAINTED AT 9'-6" AFF UNLESS OTHERWISE NOTED.
6. SWITCHES / DEVICES SHOWN ADJACENT TO DOORS SHALL BE INSTALLED 6" FROM THE EDGE OF THE ADJACENT DOOR OPENING TO THE CENTERLINE OF THE SWITCH OR DEVICE, U.O.N.
7. CEILING-MOUNTED LIGHT FIXTURES, SMOKE DETECTORS, AND DIFFUSERS IN HALLWAYS SHALL BE CENTERED IN THE SHORT DIMENSION OF THE CEILING, U.O.N.
8. DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.O.N.
9. CENTER WALL-MOUNTED FIXTURES HORIZONTALLY AT CLOSETS.
10. CEILING GRID SHALL BE CENTERED ON ROOM OR SPACES U.O.N.
11. LIGHT FIXTURES AND HVAC VENTS SHALL BE CENTERED IN ACOUSTIC TILE U.O.N.
12. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING HEIGHTS AND CONDITIONS FOR CLEARANCE OF MECHANICAL UNITS, DUCTWORK, PIPING, LIGHT FIXTURES, ETC..
13. IN ALL AREAS WHERE STRUCTURE IS TO REMAIN EXPOSED PROVIDE PAINTED FINISH ON ALL SURFACES, DUCTWORK AND UTILITY LINES EXCEPT WHERE PROHIBITED BY CODE.
14. REFER TO DRAWING A802 FOR TYPICAL CEILING DETAILS.
15. REFER TO SPRINKLER DRAWINGS FOR LAYOUT, AND QUANTITY. SPRINKLER HEAD LOCATIONS ARE INDICATED FOR COORDINATION ONLY. CM TO COORDINATE WITH SPRINKLER AND FIRE PROTECTION DRAWINGS.
16. REFER TO BLISS FASSMAN LIGHTING SPECIFICATIONS FOR ADDITIONAL INFORMATION.
17. AT KITCHEN WITHOUT GWB CEILINGS, CENTER KITCHEN EXHAUST GRILLES IN SOFFIT ABOVE UPPER CABINETS.
18. AT KITCHEN WITH GWB CEILINGS, ALIGN EXHAUST GRILLES WITH RA LIGHT FIXTURE.

KEYED NOTES

1. GWB SOFFIT - TO BE 1'-0" BELOW ELEVATION OF CEILING HEIGHT OF ADJACENT KITCHEN
2. SEE DETAIL 9/A441.00
3. SEE DETAIL 10/A441.00
4. 7/8" FURRING WITH 5/8" GWB CEILING TO UNDERSIDE OF SLAB
5. WALK IN CLOSET LIGHT TO BE ON SENSOR
6. COORDINATE SOFFIT WITH MEP FOR ROOF DRAIN.
7. PROVIDE CEILING RECESS FOR CURTAIN POCKET
8. PERFORATED GYP BOARD ACOUSTIC CEILING, OR SIMILAR
9. TECHNICAL GRILLE TO BE 2" DIA. STEEL TUBE (COLOR TO MATCH CEILING) SUSPENDED BELOW ACOUSTIC CEILING @ 24" O.C.
10. DROP-DOWN SCREEN CONCEALED IN CEILING.

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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:01 AM
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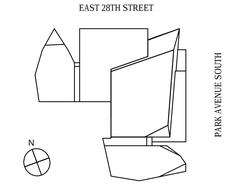
4	08.10.12	DOB SUBMISSION

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
21ST FLOOR RCP

DRAWING NO:
A-621.00

NYC DOB NO: 121181808

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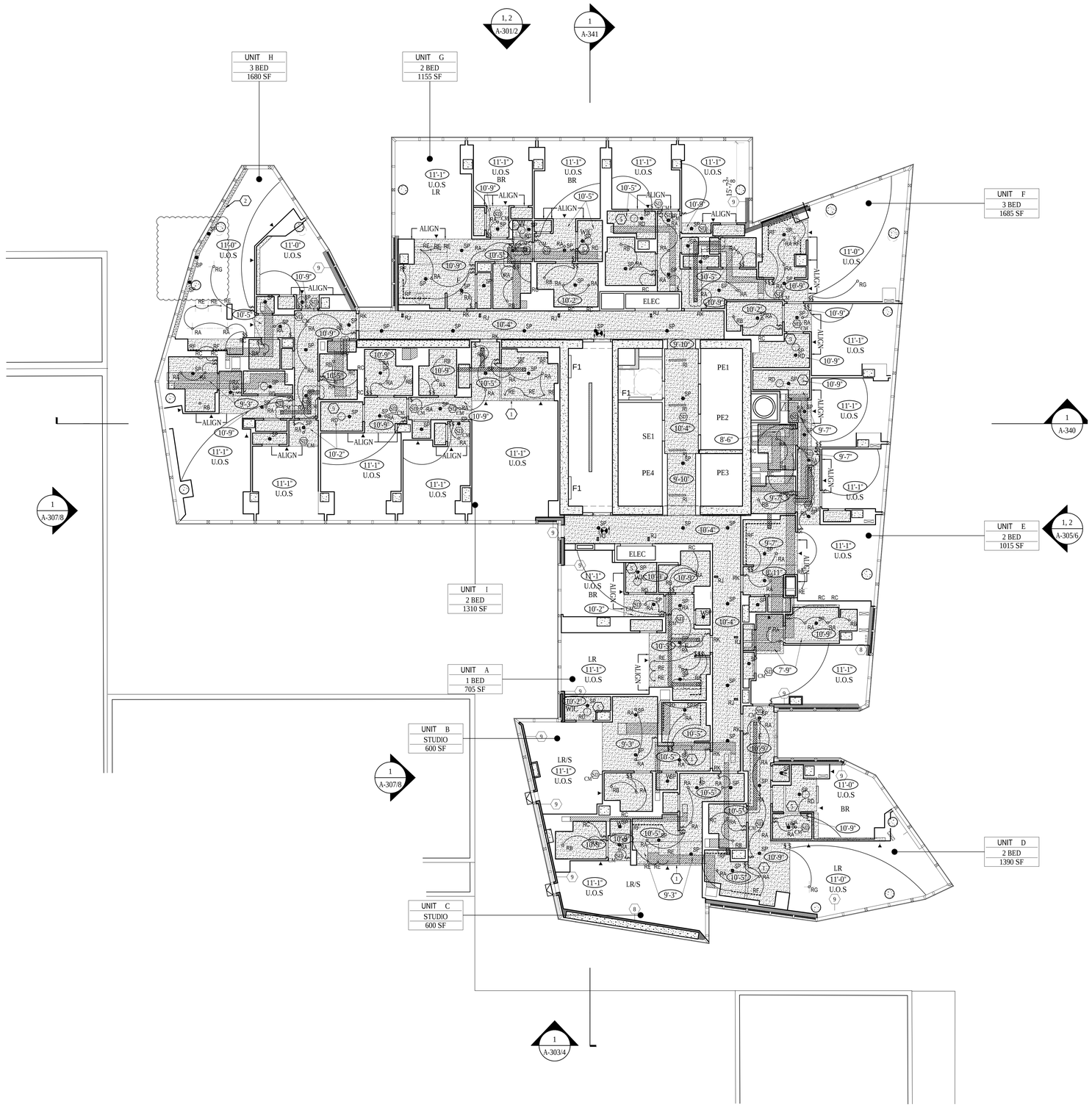

1 22ND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
- EXIT SIGNS
- 0'-0" — CEILING HEIGHT INDICATION
- PAINTED GWB CEILING
- SUSPENDED CEILING
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GENERAL NOTES

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KEYED NOTES

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3. SEE DETAIL 10/A441.00
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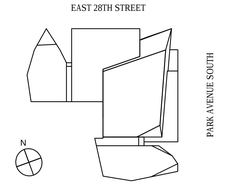
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019933-1 STATE OF NEW YORK

DRAWING TITLE:
22ND FLOOR RCP

DRAWING NO:
A-622.00

NYC DOB NO: 121181808

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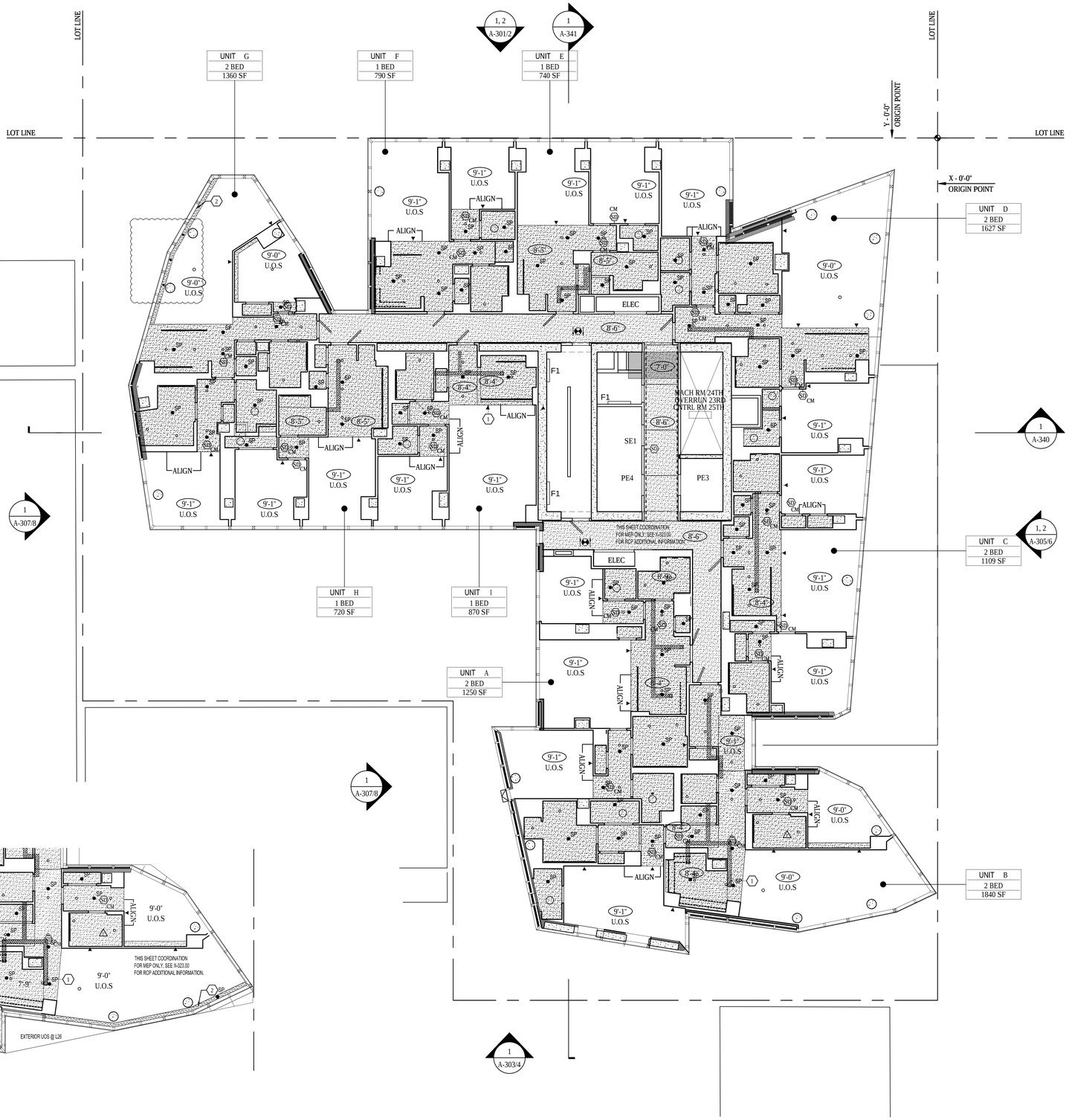

2 25TH FLOOR REFLECTED CEILING PLAN - PARTIAL
SCALE: 1/8"= 1'-0"

1 23RD FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

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CONDO LIGHTING LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- CA — LOW VOLTAGE TRIMLESS RECESSED HALOGEN
- CB — LOW VOLTAGE RECESSED HALOGEN
- CC — LINEAR LED
- CC-1 — LINEAR LED
- CD — CEILING MTD FLOURESCENT
- CE — SUSPENDED LEDs
- CF — LINEAR LED TASK LIGHT
- CG — RECESSED OUTLET BOX
- CH — RECESSED OUTLET BOX
- CI — RECESSED LINEAR LED
- CJ — RECESSED MULTIPLE LED
- CK — BACKLIGHT LED MODULE

GENERAL NOTES

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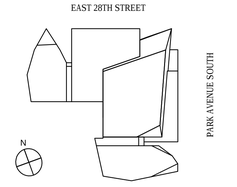
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	08.08.12	ASI 023

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019633-1 STATE OF NEW YORK

DRAWING TITLE:
23RD FLOOR RCP
(24TH, 25TH SIMILAR)

DRAWING NO:
A-623.00

NYC DOB NO: 121181808

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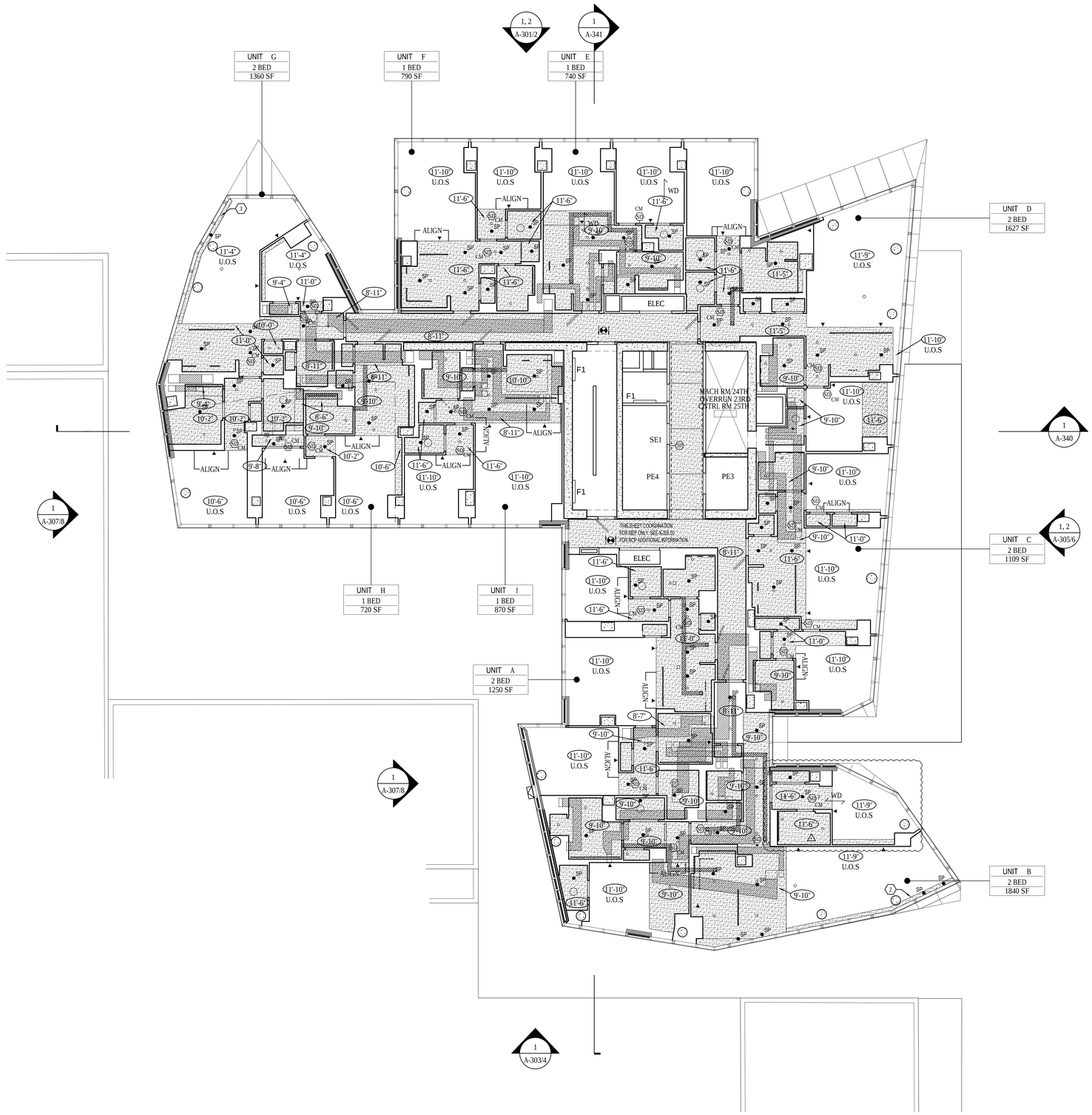
DEPT OF BLDGS121181808 Job Number
ES9673504890 Scan Code



1 26TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
- EXIT SIGNS
- 0'-0" — CEILING HEIGHT INDICATION
- PAINTED GWB CEILING
- SUSPENDED CEILING
- 2- HOUR RATED DUCTWORK ENCLOSURE
- PASSIVE VENTILATION JUMPER DUCT - ADJ. DOOR TO BE AIR SEALED
- $ — SWITCH 48" AFF
- $ 3A — THREE WAY SWITCH
- HVAC SUPPLY
- HVAC RETURN
- LINEAR DIFFUSER
- $ — SWITCH TO OUTLET. REFER TO ELECT. DRWNGS FOR OUTLET QUANTITY & LOCATIONS
- SPRINKLER HEAD. NOTE: SPRINKLER LOCATIONS ARE INDICATED FOR COORDINATION ONLY.
- CEILING GRID STARTING POINT

CONDO LIGHTING LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- CA — LOW VOLTAGE TRIMLESS RECESSED HALOGEN
- CB — LOW VOLTAGE RECESSED HALOGEN
- CC — LINEAR LED
- CC-1 — LINEAR LED
- CD — CEILING MTD FLOURESCENT
- CE — SUSPENDED LEDs
- CF — LINEAR LED TASK LIGHT
- CG — RECESSED OUTLET BOX
- CH — RECESSED OUTLET BOX
- CI — RECESSED LINEAR LED
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- CK — BACKLIGHT LED MODULE

GENERAL NOTES

1. REFER TO X323 TO X340 AT FLOOR 23-40 FOR LIGHT FIXTURE LOCATIONS AND TYPES.
2. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION AND LIGHT FIXTURE SCHEDULES.
3. REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR EMERGENCY LIGHTING, SWITCH OUTLET LOCATIONS, AND ADDITIONAL INFORMATION.
4. ALL CONCRETE CEILINGS SHALL RECEIVE CONCRETE FINISH SYSTEM AND PAINT U.O.N.
5. ALL GWB CEILINGS TO BE PAINTED AND 8'-6" AFF UNLESS OTHERWISE NOTED.
6. SWITCHES / DEVICES SHOWN ADJACENT TO DOORS SHALL BE INSTALLED 6" FROM THE EDGE OF THE ADJACENT DOOR OPENING TO THE CENTERLINE OF THE SWITCH OR DEVICE, U.O.N.
7. CEILING-MOUNTED LIGHT FIXTURES, SMOKE DETECTORS, AND DIFFUSERS IN HALLWAYS SHALL BE CENTERED IN THE SHORT DIMENSION OF THE CEILING, U.O.N.
8. DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.O.N.
9. CENTER WALL-MOUNTED FIXTURES HORIZONTALLY AT CLOSETS.
10. CEILING GRID SHALL BE CENTERED ON ROOM OR SPACES U.O.N.
11. LIGHT FIXTURES AND HVAC VENTS SHALL BE CENTERED IN ACOUSTIC TILE U.O.N.
12. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING HEIGHTS AND CONDITIONS FOR CLEARANCE OF MECHANICAL UNITS, DUCTWORK, PIPING, LIGHT FIXTURES, ETC..
13. IN ALL AREAS WHERE STRUCTURE IS TO REMAIN EXPOSED PROVIDE PAINTED FINISH ON ALL SURFACES, DUCTWORK AND UTILITY LINES EXCEPT WHERE PROHIBITED BY CODE.
14. REFER TO DRAWING A802 FOR TYPICAL CEILING DETAILS.
15. REFER TO SPRINKLER DRAWINGS FOR LAYOUT, AND QUANTITY. SPRINKLER HEAD LOCATIONS ARE INDICATED FOR COORDINATION ONLY. CM TO COORDINATE WITH SPRINKLER AND FIRE PROTECTION DRAWINGS.
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18. AT KITCHEN WITH GWB CEILINGS, ALIGN EXHAUST GRILLES WITH RA LIGHT FIXTURE.

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3. SEE DETAIL 10/A441.00
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7. PROVIDE CEILING RECESS FOR CURTAIN POCKET
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10. DROP-DOWN SCREEN CONCEALED IN CEILING.

Damian Titus
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:01 AM
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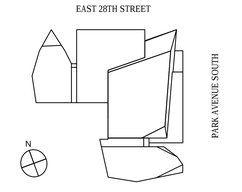
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019833-1 STATE OF NEW YORK

DRAWING TITLE:
26TH FLOOR RCP

DRAWING NO:
A-626.00

NYC DOB NO: 121181808

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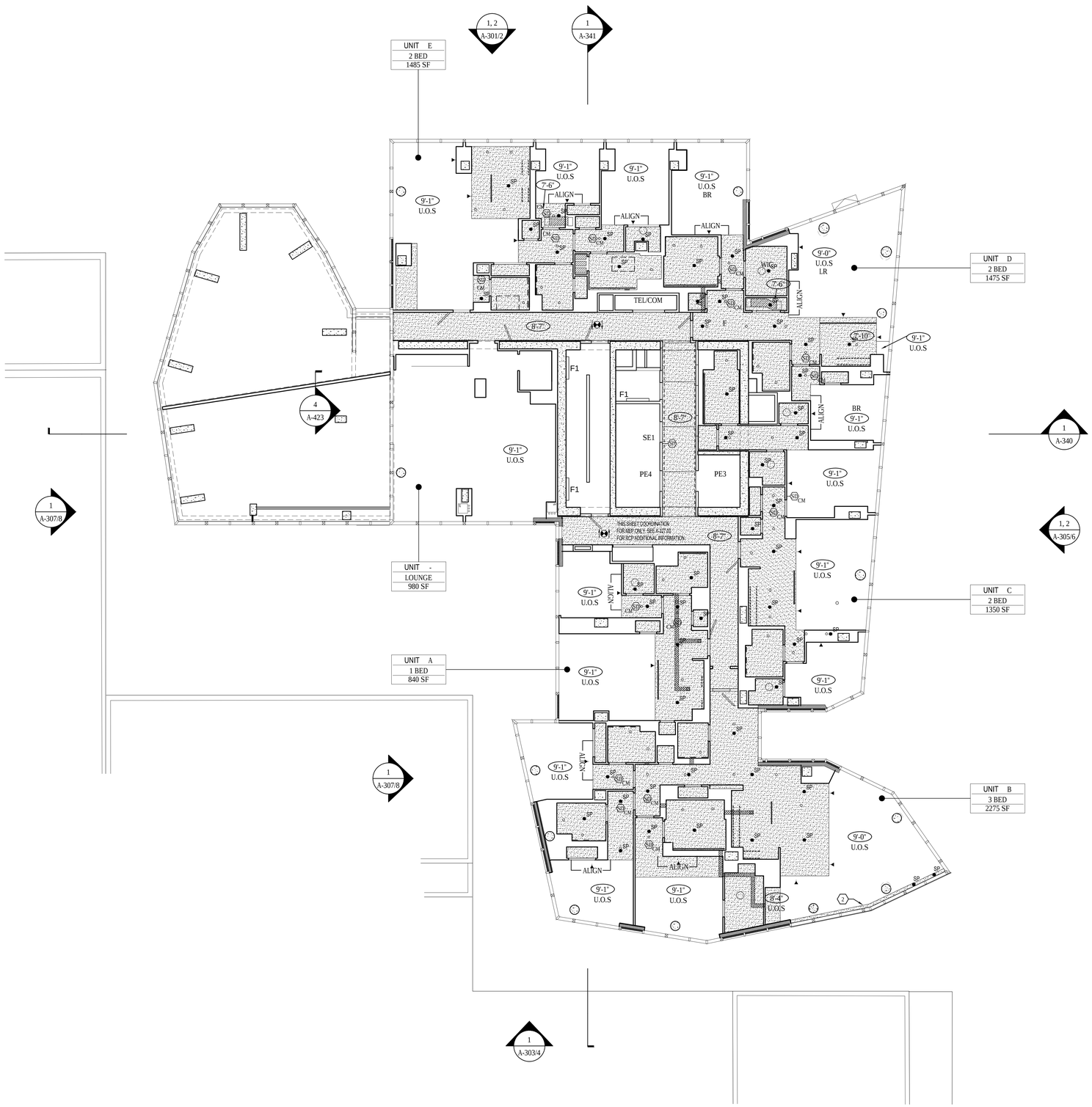
DEPT OF BLDGS 121181808 Job Number
ES919801040 Scan Code



1 27TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

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Damian Titus
NYC Ceilings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:01 AM
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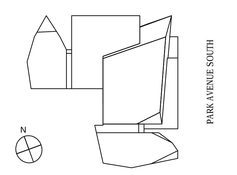
KEY PLAN



SCALE: 1/8"=1'-0"
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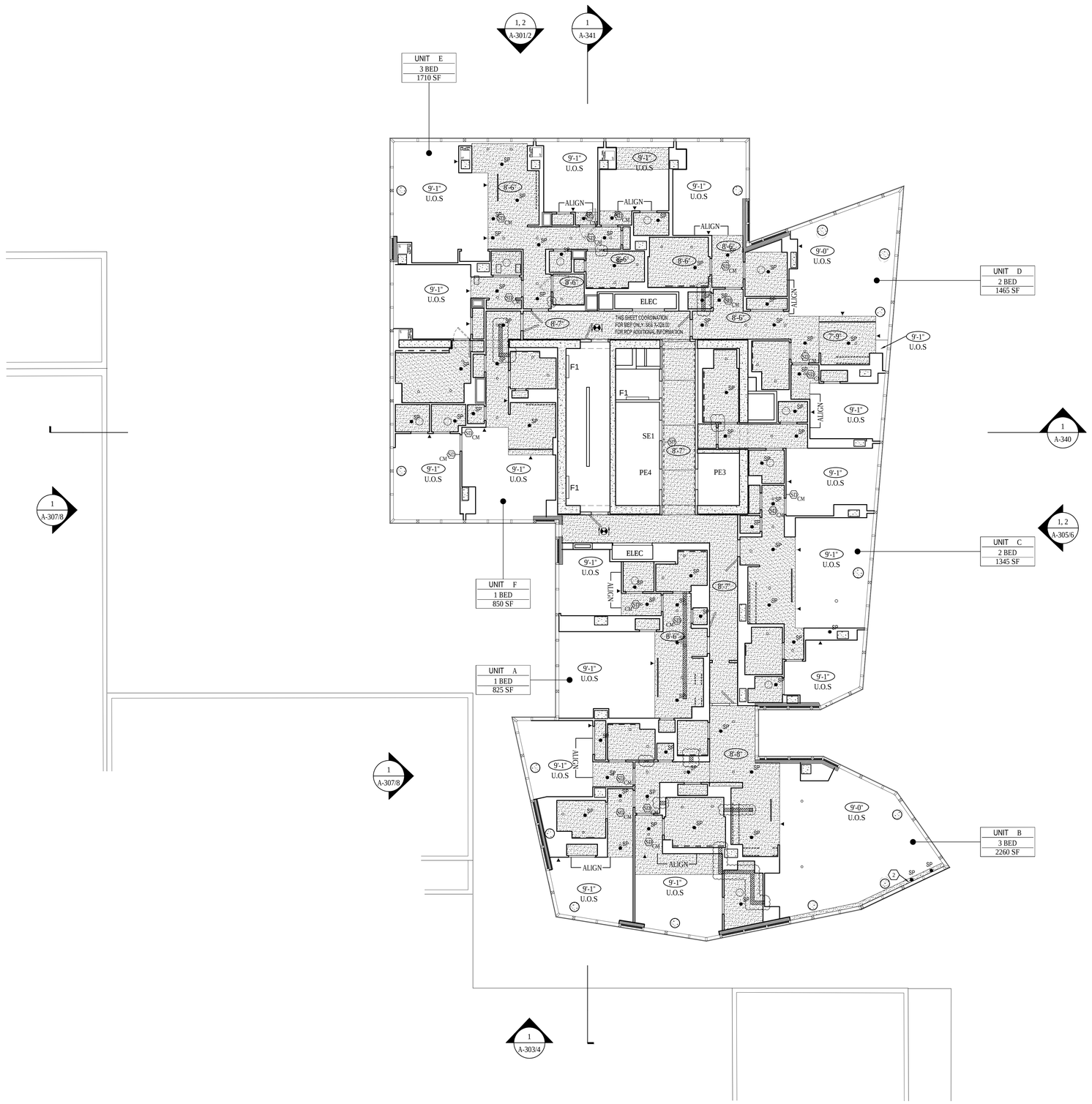
ES110144779 Scan Code



1 28TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

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3. SEE DETAIL 10/A441.00
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5. WALK IN CLOSET LIGHT TO BE ON SENSOR
6. COORDINATE SOFFIT WITH MEP FOR ROOF DRAIN.
7. PROVIDE CEILING RECESS FOR CURTAIN POCKET
8. PERFORATED GYP BOARD ACOUSTIC CEILING, OR SIMILAR
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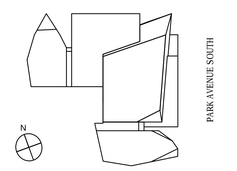

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
28TH FLOOR RCP

DRAWING NO:
A-628.00

NYC DOB NO: 121181808

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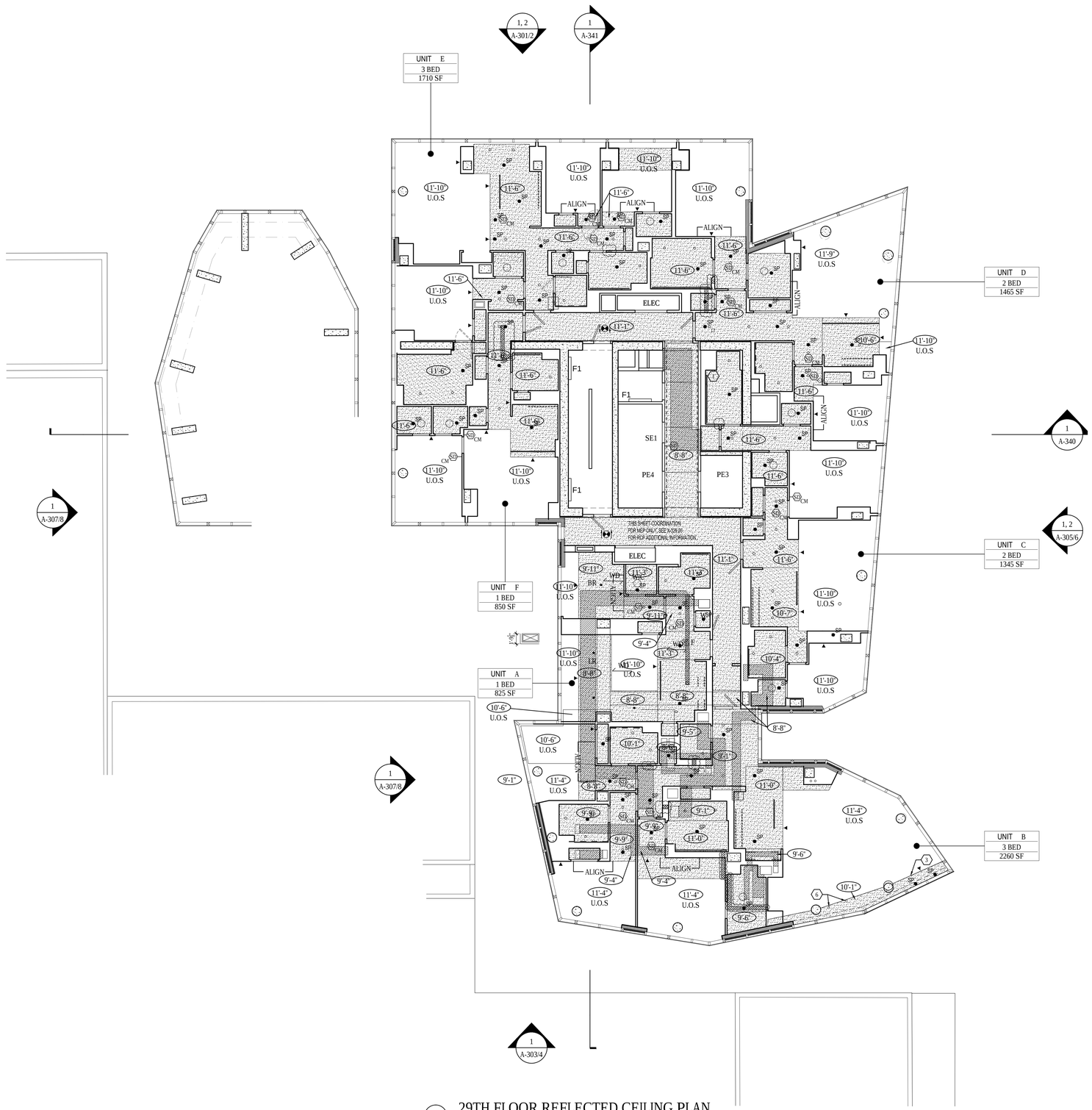

1 29TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
- EXIT SIGNS
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- SPRINKLER HEAD. NOTE: SPRINKLER LOCATIONS ARE INDICATED FOR COORDINATION ONLY.
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CONDO LIGHTING LEGEND

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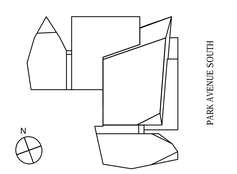

SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
29TH FLOOR RCP

DRAWING NO:
A-629.00

NYC DOB NO: 121181808

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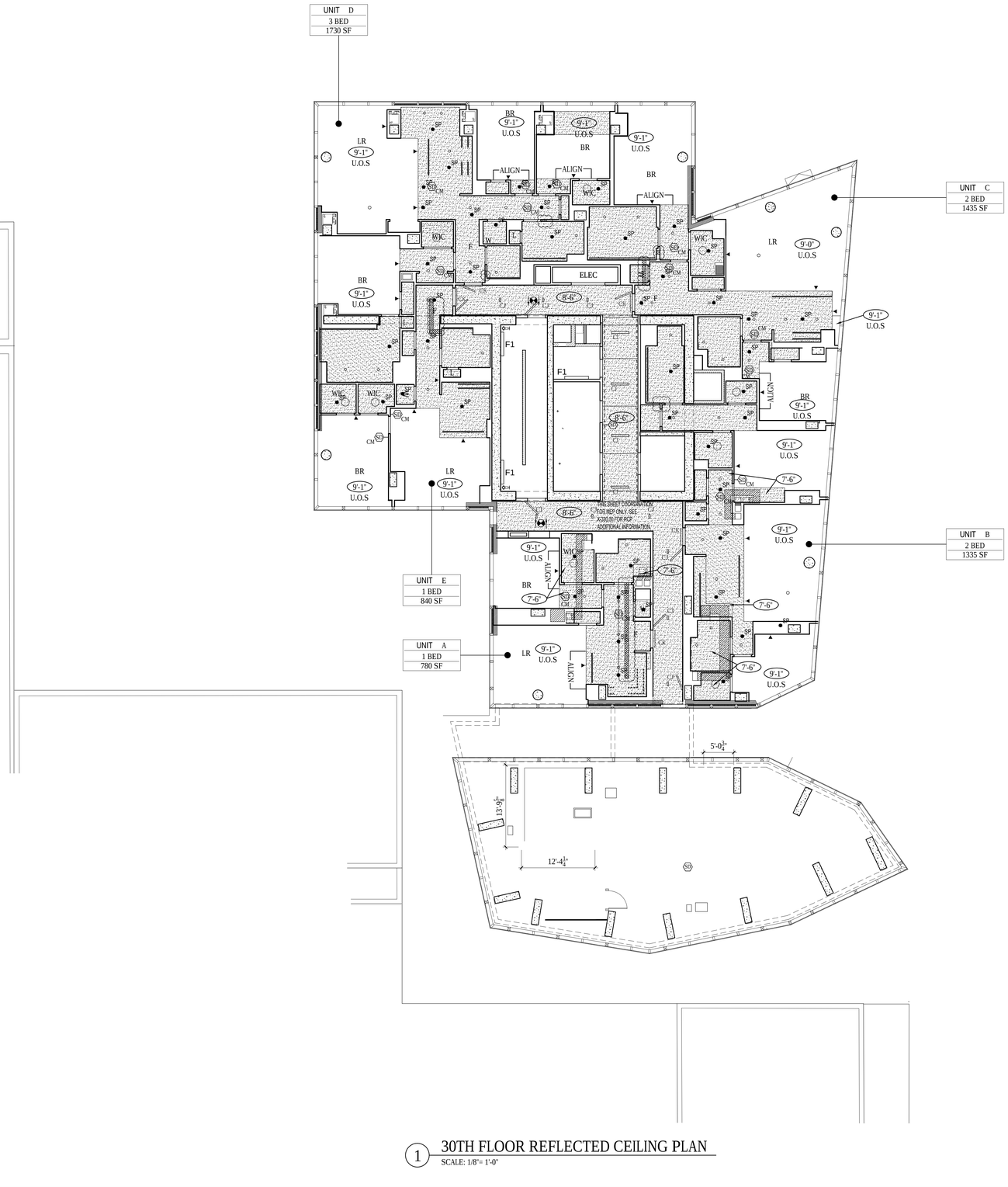

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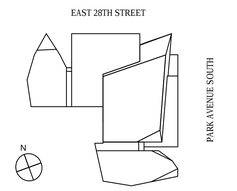

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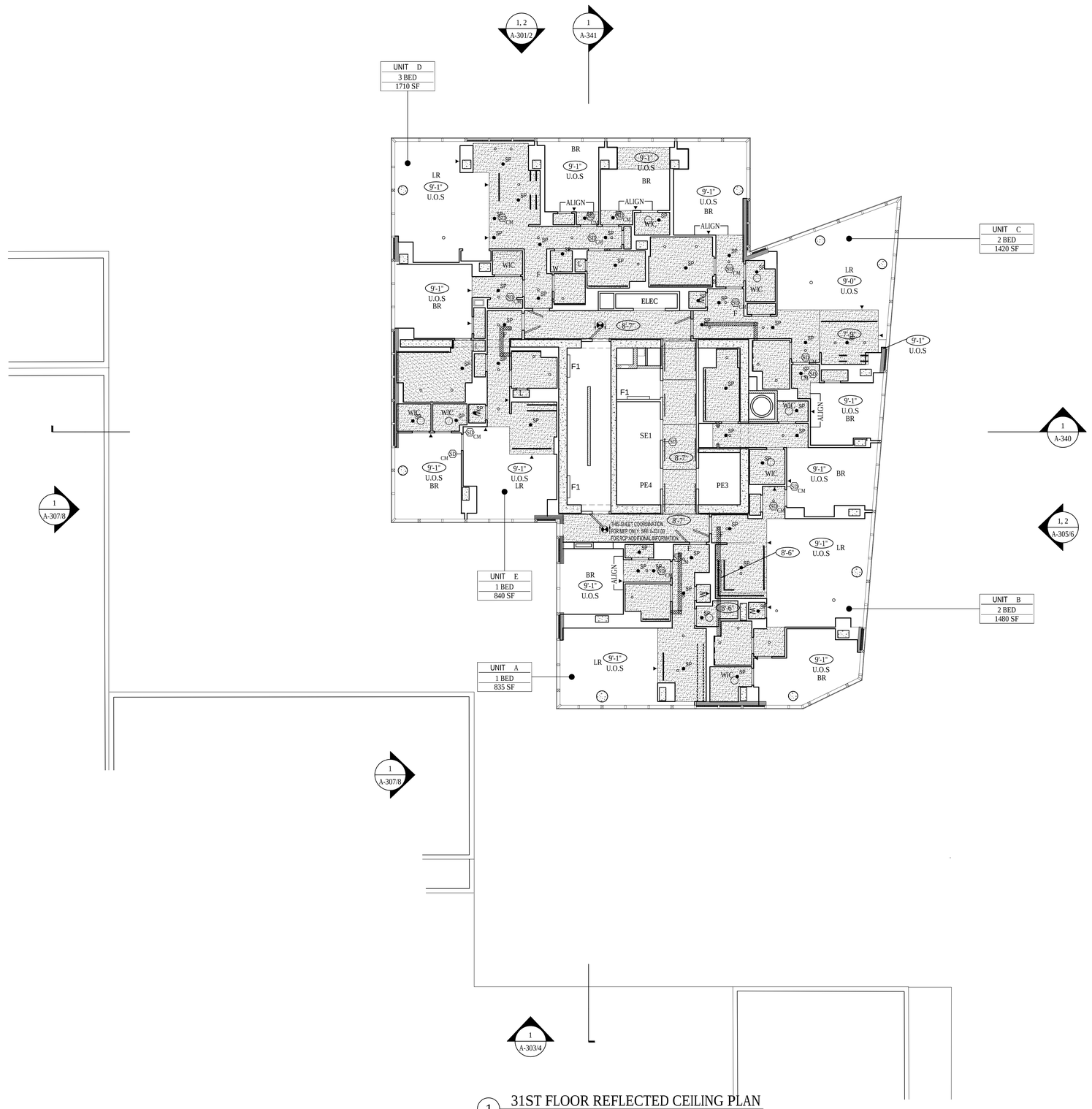

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- CA — LOW VOLTAGE TRIMLESS RECESSED HALOGEN
- CB — LOW VOLTAGE RECESSED HALOGEN
- CC — LINEAR LED
- CC-1 — LINEAR LED
- CD — CEILING MTD FLOURESCENT
- CE — SUSPENDED LEDs
- CF — LINEAR LED TASK LIGHT
- CG — RECESSED OUTLET BOX
- CH — RECESSED OUTLET BOX
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- CK — BACKLIGHT LED MODULE

GENERAL NOTES

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2. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION AND LIGHT FIXTURE SCHEDULES.
3. REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR EMERGENCY LIGHTING, SWITCH OUTLET LOCATIONS, AND ADDITIONAL INFORMATION.
4. ALL CONCRETE CEILINGS SHALL RECEIVE CONCRETE FINISH SYSTEM AND PAINT U.O.N.
5. ALL GWB CEILINGS TO BE PAINTED AND 8'-6" AFF UNLESS OTHERWISE NOTED.
6. SWITCHES / DEVICES SHOWN ADJACENT TO DOORS SHALL BE INSTALLED 6" FROM THE EDGE OF THE ADJACENT DOOR OPENING TO THE CENTERLINE OF THE SWITCH OR DEVICE, U.O.N.
7. CEILING-MOUNTED LIGHT FIXTURES, SMOKE DETECTORS, AND DIFFUSERS IN HALLWAYS SHALL BE CENTERED IN THE SHORT DIMENSION OF THE CEILING, U.O.N.
8. DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.O.N.
9. CENTER WALL-MOUNTED FIXTURES HORIZONTALLY AT CLOSETS.
10. CEILING GRID SHALL BE CENTERED ON ROOM OR SPACES U.O.N.
11. LIGHT FIXTURES AND HVAC VENTS SHALL BE CENTERED IN ACOUSTIC TILE U.O.N.
12. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING HEIGHTS AND CONDITIONS FOR CLEARANCE OF MECHANICAL UNITS, DUCTWORK, PIPING, LIGHT FIXTURES, ETC..
13. IN ALL AREAS WHERE STRUCTURE IS TO REMAIN EXPOSED PROVIDE PAINTED FINISH ON ALL SURFACES, DUCTWORK AND UTILITY LINES EXCEPT WHERE PROHIBITED BY CODE.
14. REFER TO DRAWING A802 FOR TYPICAL CEILING DETAILS.
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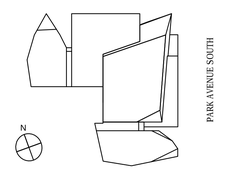
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
31ST FLOOR RCP
(32ND - 35TH SIMILAR)

DRAWING NO:
A-631.00

NYC DOB NO: 121181808

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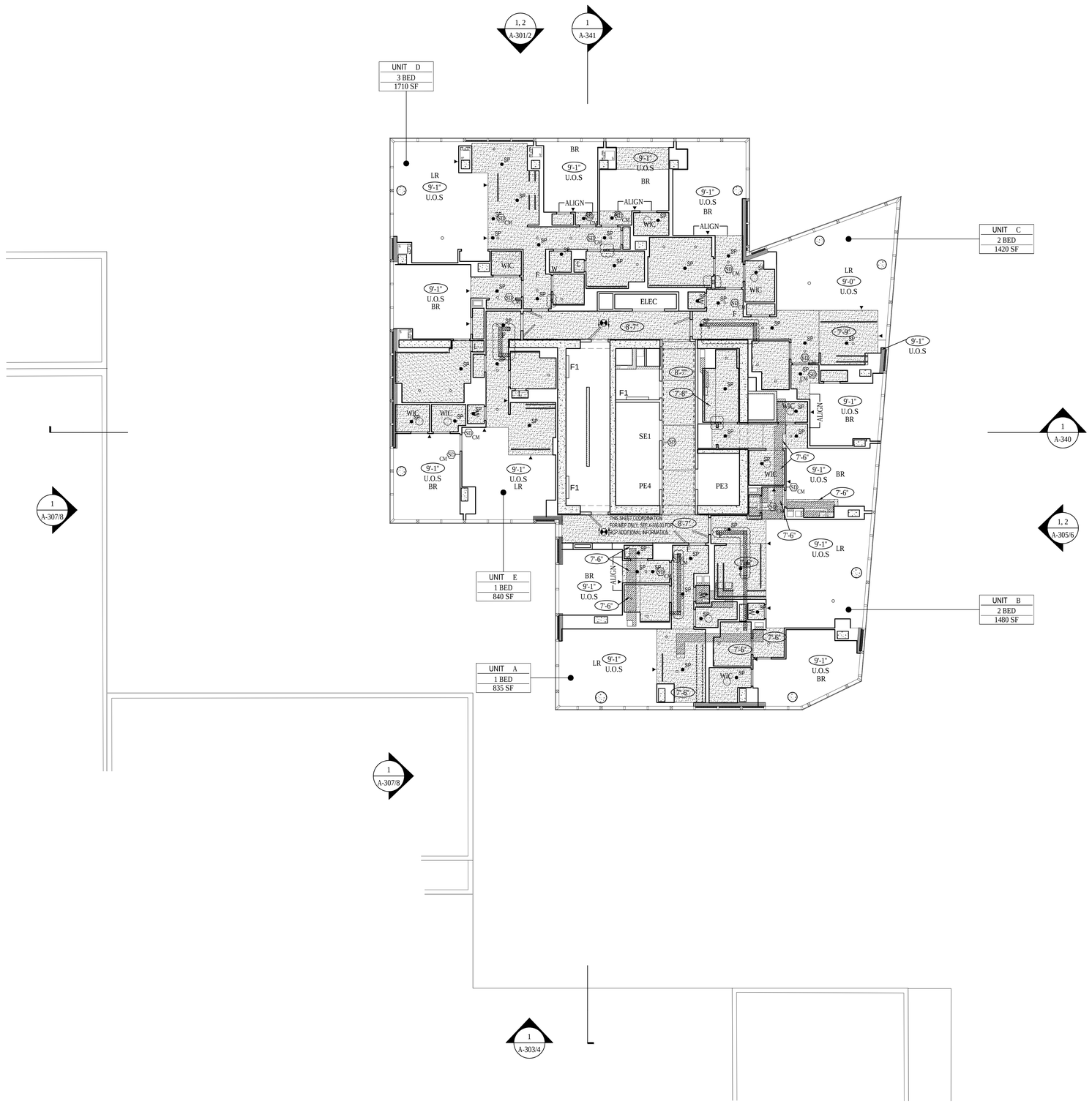

1 36TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

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- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
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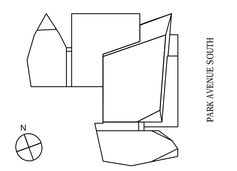
KEY PLAN



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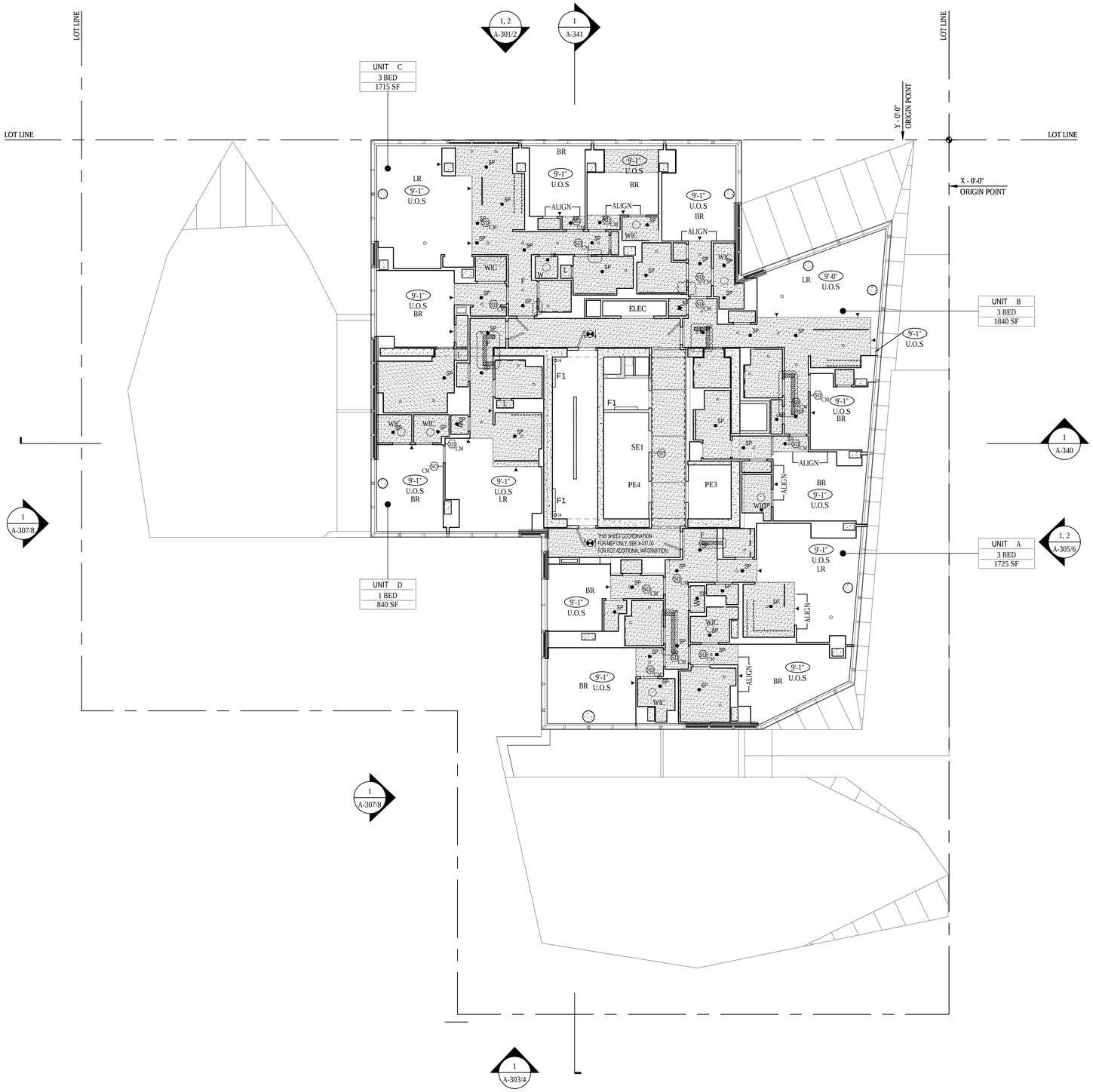

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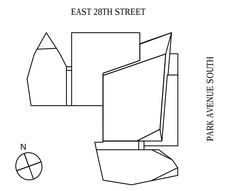
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019693-1 STATE OF NEW YORK

DRAWING TITLE:
37TH FLOOR RCP

DRAWING NO:
A-637.00

NYC DOB NO: 121181808

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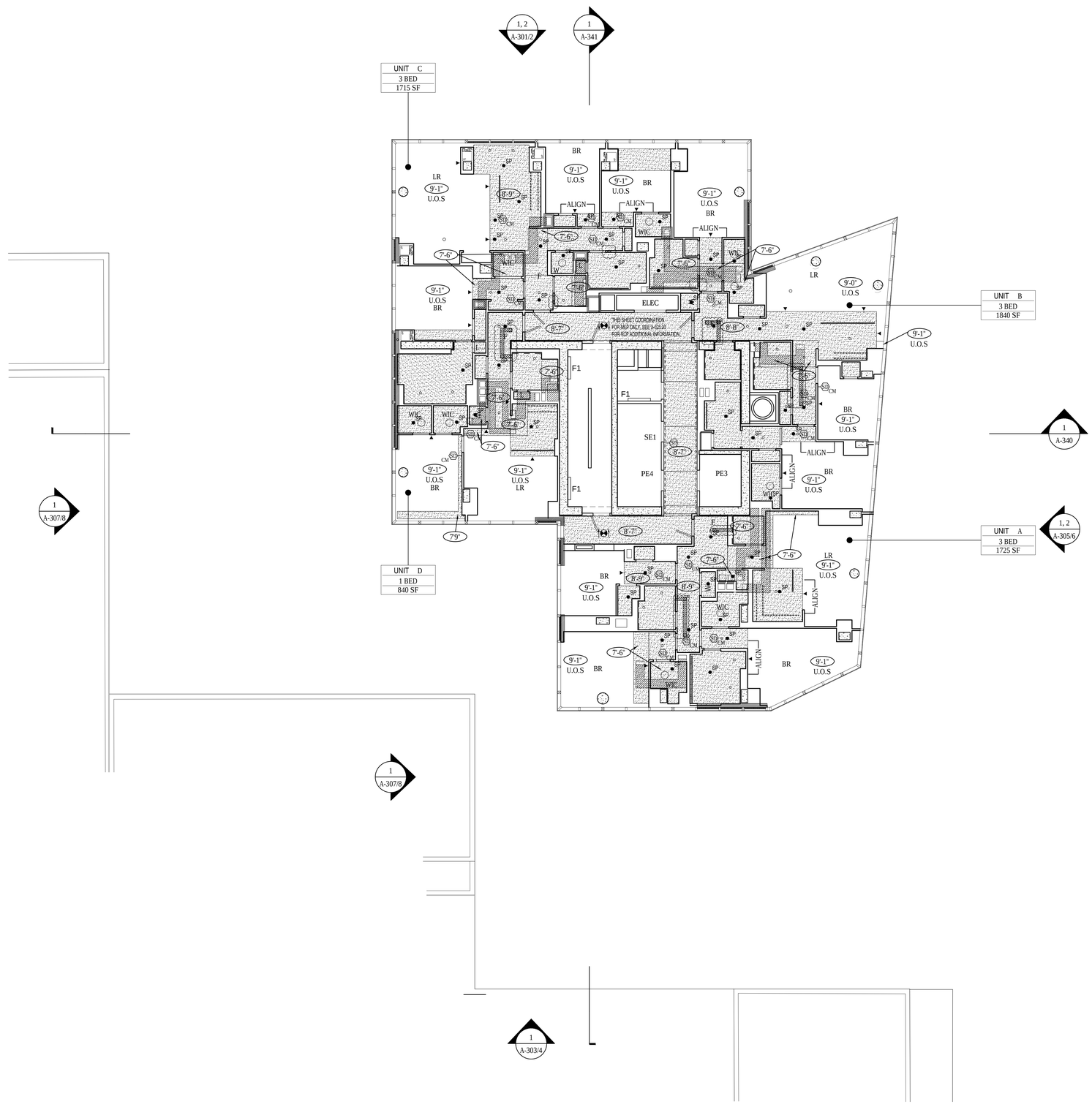
DEPT OF BLDGS121181808 Job Number
ES527700812 Scan Code



1 38TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
- EXIT SIGNS
- 0'-0" — CEILING HEIGHT INDICATION
- PAINTED GWB CEILING
- SUSPENDED CEILING
- 2- HOUR RATED DUCTWORK ENCLOSURE
- PASSIVE VENTILATION JUMPER DUCT - ADJ. DOOR TO BE AIR SEALED
- $ — SWITCH 48" AFF
- $ 3A — THREE WAY SWITCH
- HVAC SUPPLY
- HVAC RETURN
- LINEAR DIFFUSER
- $ — SWITCH TO OUTLET. REFER TO ELECT. DRWNGS FOR OUTLET QUANTITY & LOCATIONS
- SPRINKLER HEAD. NOTE: SPRINKLER LOCATIONS ARE INDICATED FOR COORDINATION ONLY.
- CEILING GRID STARTING POINT

CONDO LIGHTING LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- CA — LOW VOLTAGE TRIMLESS RECESSED HALOGEN
- CB — LOW VOLTAGE RECESSED HALOGEN
- CC — LINEAR LED
- CC-1 — LINEAR LED
- CD — CEILING MTD FLOURESCENT
- CE — SUSPENDED LEDs
- CF — LINEAR LED TASK LIGHT
- CG — RECESSED OUTLET BOX
- CH — RECESSED OUTLET BOX
- CI — RECESSED LINEAR LED
- CJ — RECESSED MULTIPLE LED
- CK — BACKLIGHT LED MODULE

GENERAL NOTES

1. REFER TO X323 TO X340 AT FLOOR 23-40 FOR LIGHT FIXTURE LOCATIONS AND TYPES.
2. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION AND LIGHT FIXTURE SCHEDULES.
3. REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR EMERGENCY LIGHTING, SWITCH OUTLET LOCATIONS, AND ADDITIONAL INFORMATION.
4. ALL CONCRETE CEILINGS SHALL RECEIVE CONCRETE FINISH SYSTEM AND PAINT U.O.N.
5. ALL GWB CEILINGS TO BE PAINTED AND 8'-6" AFF UNLESS OTHERWISE NOTED.
6. SWITCHES / DEVICES SHOWN ADJACENT TO DOORS SHALL BE INSTALLED 6" FROM THE EDGE OF THE ADJACENT DOOR OPENING TO THE CENTERLINE OF THE SWITCH OR DEVICE, U.O.N.
7. CEILING-MOUNTED LIGHT FIXTURES, SMOKE DETECTORS, AND DIFFUSERS IN HALLWAYS SHALL BE CENTERED IN THE SHORT DIMENSION OF THE CEILING, U.O.N.
8. DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.O.N.
9. CENTER WALL-MOUNTED FIXTURES HORIZONTALLY AT CLOSETS.
10. CEILING GRID SHALL BE CENTERED ON ROOM OR SPACES U.O.N.
11. LIGHT FIXTURES AND HVAC VENTS SHALL BE CENTERED IN ACOUSTIC TILE U.O.N.
12. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING HEIGHTS AND CONDITIONS FOR CLEARANCE OF MECHANICAL UNITS, DUCTWORK, PIPING, LIGHT FIXTURES, ETC..
13. IN ALL AREAS WHERE STRUCTURE IS TO REMAIN EXPOSED PROVIDE PAINTED FINISH ON ALL SURFACES, DUCTWORK AND UTILITY LINES EXCEPT WHERE PROHIBITED BY CODE.
14. REFER TO DRAWING A802 FOR TYPICAL CEILING DETAILS.
15. REFER TO SPRINKLER DRAWINGS FOR LAYOUT, AND QUANTITY. SPRINKLER HEAD LOCATIONS ARE INDICATED FOR COORDINATION ONLY. CM TO COORDINATE WITH SPRINKLER AND FIRE PROTECTION DRAWINGS.
16. REFER TO BLISS FASSMAN LIGHTING SPECIFICATIONS FOR ADDITIONAL INFORMATION.
17. AT KITCHEN WITHOUT GWB CEILINGS, CENTER KITCHEN EXHAUST GRILLES IN SOFFIT ABOVE UPPER CABINETS.
18. AT KITCHEN WITH GWB CEILINGS, ALIGN EXHAUST GRILLES WITH RA LIGHT FIXTURE.

KEYED NOTES

1. GWB SOFFIT - TO BE 1'-0" BELOW ELEVATION OF CEILING HEIGHT OF ADJACENT KITCHEN
2. SEE DETAIL 9/A441.00
3. SEE DETAIL 10/A441.00
4. 7/8" FURRING WITH 5/8" GWB CEILING TO UNDERSIDE OF SLAB
5. WALK IN CLOSET LIGHT TO BE ON SENSOR
6. COORDINATE SOFFIT WITH MEP FOR ROOF DRAIN.
7. PROVIDE CEILING RECESS FOR CURTAIN POCKET
8. PERFORATED GYP BOARD ACOUSTIC CEILING, OR SIMILAR
9. TECHNICAL GRILLE TO BE 2" DIA. STEEL TUBE (COLOR TO MATCH CEILING) SUSPENDED BELOW ACOUSTIC CEILING @ 24" O.C.
10. DROP-DOWN SCREEN CONCEALED IN CEILING.

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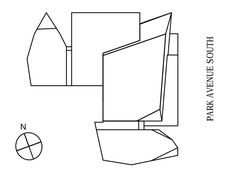

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DRAWING NO:
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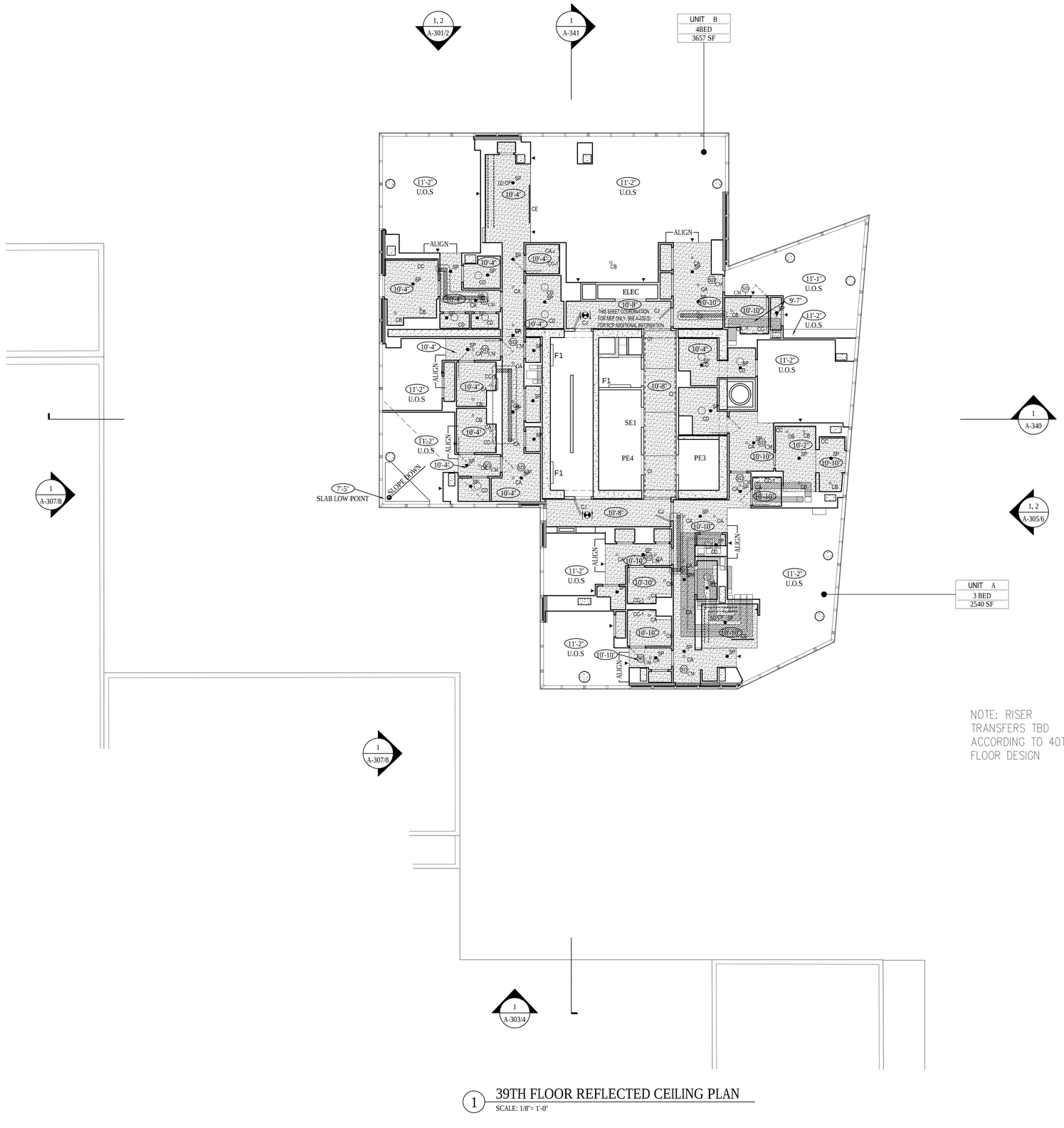

NOTE: RISER TRANSFERS TBD ACCORDING TO 40TH FLOOR DESIGN

1 39TH FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

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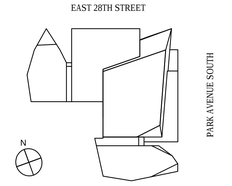

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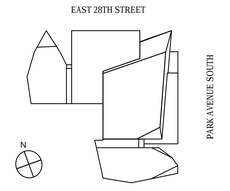
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
40TH FLOOR RCP

DRAWING NO:
A-640.00

NYC DOB NO: 121181808

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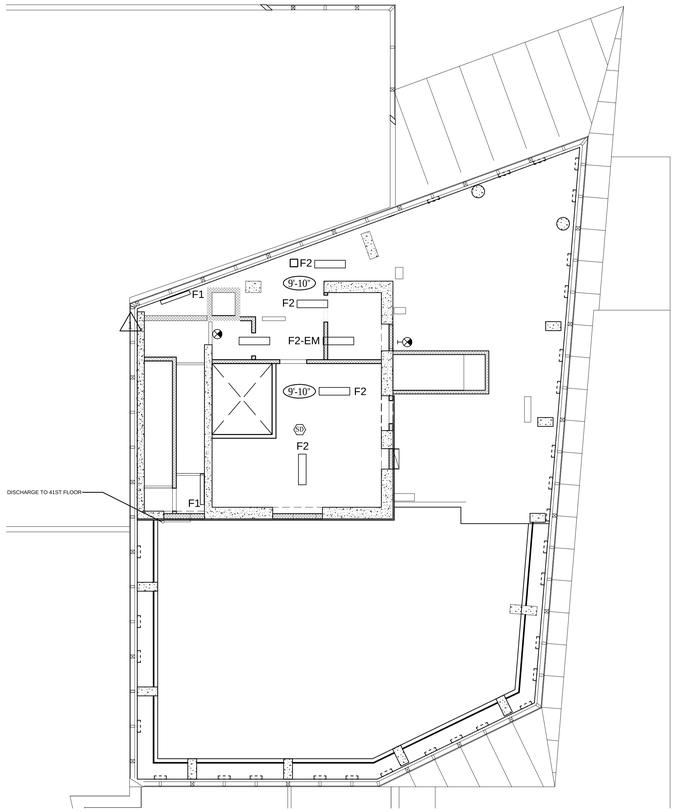

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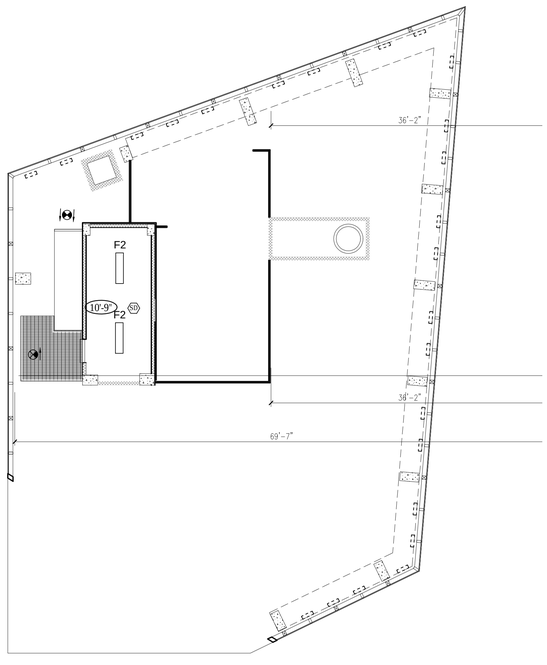

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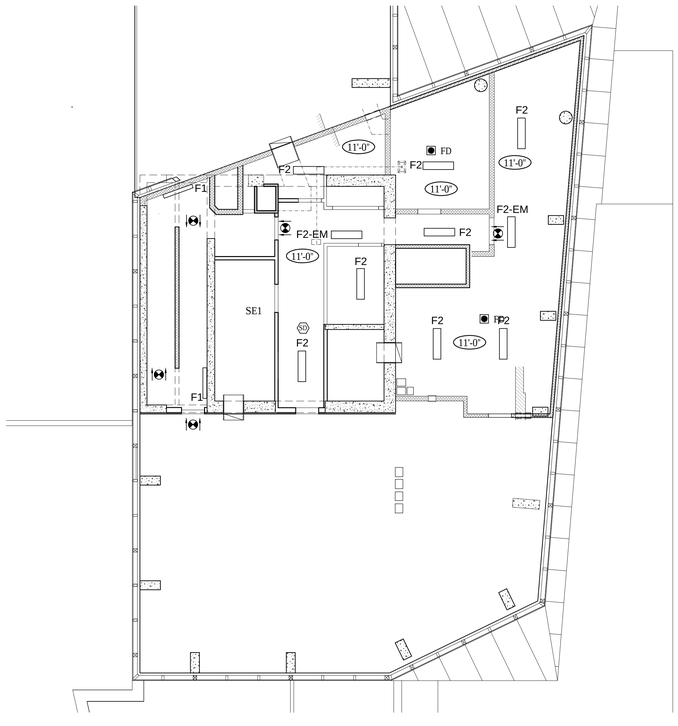

1 41ST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8"= 1'-0"

LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: CEILING MOUNTED
- SD CM — SMOKE/ CARBON MONOXIDE DETECTOR: WALL-MOUNTED - CENTER ABOVE DOOR OR FRAMED OPENING U.O.N.
- EXIT SIGNS
- 0'-0" — CEILING HEIGHT INDICATION
- PAINTED GWB CEILING
- SUSPENDED CEILING
- 2- HOUR RATED DUCTWORK ENCLOSURE
- PASSIVE VENTILATION JUMPER DUCT - ADJ. DOOR TO BE AIR SEALED
- SWITCH 48" AFF
- THREE WAY SWITCH
- HVAC SUPPLY
- HVAC RETURN
- LINEAR DIFFUSER
- SWITCH TO OUTLET. REFER TO ELECT. DRWNGS FOR OUTLET QUANTITY & LOCATIONS
- SPRINKLER HEAD. NOTE: SPRINKLER LOCATIONS ARE INDICATED FOR COORDINATION ONLY.
- CEILING GRID STARTING POINT

MISC LIGHTING LEGEND

SEE LIGHTING SCHEDULE FOR ADDITONAL INFORMATION

LA	LED MODULE	LQ	SAUNA WET LIGHT
LB	LINEAR FLOUORESCENTS	LS	2x2 DIFFUSED LIGHT
LC	DIMMING MICROSTRIP	LT	RECESSED DOWNLIGHT
LD	INTEGRAL LED MODULES	LU	DIMMING MICROSTRIP
LE	DIMMING MICROSTRIP	LV	INTEGRAL LEDs
LF	MICROSTRIP	LW	LED MODULE
LG	FLUORESCENT STRIPLIGHT	LX	BACKLIGHT LED MODULE
LH	DIMMABLE LEDS	F1	LINEAR FLUORESCENT WALL
LI	COVE UPLIGHT	F2	LINEAR FLUORESCENT CLG
LJ	DIMMING MICROSTRIP	F3	FLUORESCENT
LK	RECESSED LINEAR FLUOR.	XC	EXT. GLASS PARTITION LIGHT
LL	DIMMING MICROSTRIP	XD	EXTERIOR ACCENT HALOGEN
LM	DIMMING MICROSTRIP	XE	EXT. FLUORESCENT UPLIGHT
LM-1	DIMMING MICROSTRIP	XF	EXTERIOR LED MODULE
LN	DIMMING MICROSTRIP	XG	EXT. UNDER BENCH STRIP
LO	INTEGRAL LED MODULES	MC	INTEGRAL COLOR LED
LP	LOW VOLTAGE HALOGEN	MD	DIMMING FLUORESCENT

GENERAL NOTES

1. REFER TO X323 TO X340 AT FLOOR 23-40 FOR LIGHT FIXTURE LOCATIONS AND TYPES.
2. REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION AND LIGHT FIXTURE SCHEDULES.
3. REFER TO MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR EMERGENCY LIGHTING, SWITCH OUTLET LOCATIONS, AND ADDITIONAL INFORMATION.
4. ALL CONCRETE CEILINGS SHALL RECEIVE CONCRETE FINISH SYSTEM AND PAINT U.O.N.
5. ALL GWB CEILINGS TO BE PAINTED AND 8'-6" AFF UNLESS OTHERWISE NOTED.
6. SWITCHES / DEVICES SHOWN ADJACENT TO DOORS SHALL BE INSTALLED 6" FROM THE EDGE OF THE ADJACENT DOOR OPENING TO THE CENTERLINE OF THE SWITCH OR DEVICE, U.O.N.
7. CEILING-MOUNTED LIGHT FIXTURES, SMOKE DETECTORS, AND DIFFUSERS IN HALLWAYS SHALL BE CENTERED IN THE SHORT DIMENSION OF THE CEILING, U.O.N.
8. DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE U.O.N.
9. CENTER WALL-MOUNTED FIXTURES HORIZONTALLY AT CLOSETS.
10. CEILING GRID SHALL BE CENTERED ON ROOM OR SPACES U.O.N.
11. LIGHT FIXTURES AND HVAC VENTS SHALL BE CENTERED IN ACOUSTIC TILE U.O.N.
12. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING HEIGHTS AND CONDITIONS FOR CLEARANCE OF MECHANICAL UNITS, DUCTWORK, PIPING, LIGHT FIXTURES, ETC..
13. IN ALL AREAS WHERE STRUCTURE IS TO REMAIN EXPOSED PROVIDE PAINTED FINISH ON ALL SURFACES, DUCTWORK AND UTILITY LINES EXCEPT WHERE PROHIBITED BY CODE.
14. REFER TO DRAWING A802 FOR TYPICAL CEILING DETAILS.
15. REFER TO SPRINKLER DRAWINGS FOR LAYOUT, AND QUANTITY. SPRINKLER HEAD LOCATIONS ARE INDICATED FOR COORDINATION ONLY. CM TO COORDINATE WITH SPRINKLER AND FIRE PROTECTION DRAWINGS.
16. REFER TO BLISS FASSMAN LIGHTING SPECIFICATIONS FOR ADDITIONAL INFORMATION.
17. AT KITCHEN WITHOUT GWB CEILINGS, CENTER KITCHEN EXHAUST GRILLES IN SOFFIT ABOVE UPPER CABINETS.
18. AT KITCHEN WITH GWB CEILINGS, ALIGN EXHAUST GRILLES WITH RA LIGHT FIXTURE.

KEYED NOTES

1. GWB SOFFIT - TO BE 1'-0" BELOW ELEVATION OF CEILING HEIGHT OF ADJACENT KITCHEN
2. SEE DETAIL 9/A441.00
3. SEE DETAIL 10/A441.00
4. 7/8" FURRING WITH 5/8" GWB CEILING TO UNDERSIDE OF SLAB
5. WALK IN CLOSET LIGHT TO BE ON SENSOR
6. COORDINATE SOFFIT WITH MEP FOR ROOF DRAIN.
7. PROVIDE CEILING RECESS FOR CURTAIN POCKET
8. PERFORATED GYP BOARD ACOUSTIC CEILING, OR SIMILAR
9. TECHNICAL GRILLE TO BE 2" DIA. STEEL TUBE (COLOR TO MATCH CEILING) SUSPENDED BELOW ACOUSTIC CEILING @ 24" O.C.
10. DROP-DOWN SCREEN CONCEALED IN CEILING.

Damian Titus
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Under Directive 2 of 1975
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NYC Development Hub

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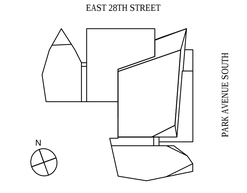
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
41ST FLOOR RCP

DRAWING NO:
A-641.00

NYC DOB NO: 121181808

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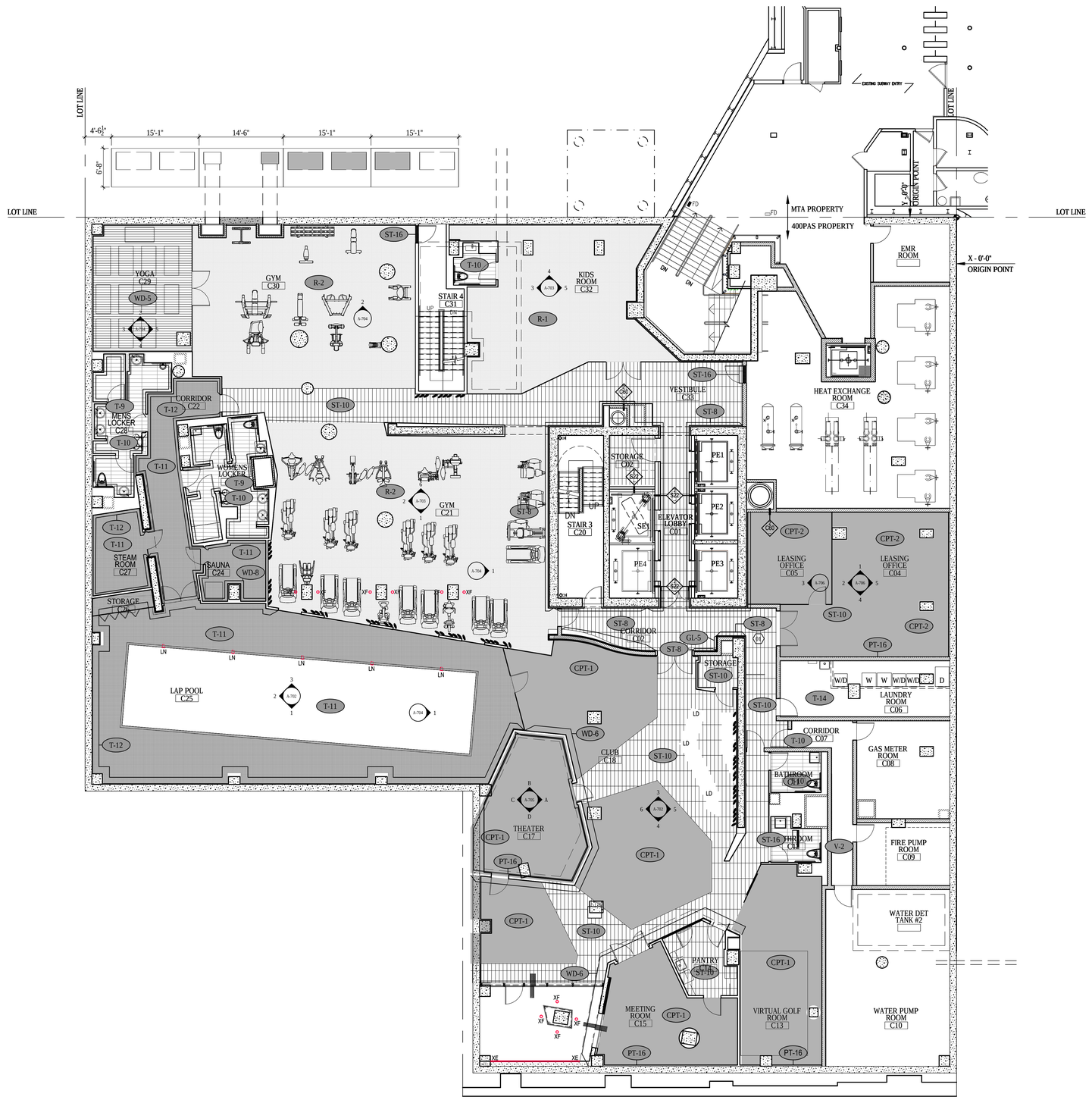

1 CELLAR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

REFER TO G004 FOR ADDITIONAL SYMBOLS

- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
- 2 HOUR RATED SHAFT WALL
- 2 HOUR PARTITION
- PARTITION TAG - REFER TO A801
- AP APARTMENT PANEL
- APARTMENT INTERCOM
- WD DIRECTION OF WOOD FLOORING
- FD FLOOR DRAIN
- RD ROOF DRAIN
- HB HOSE BIB

GENERAL NOTES

1. ALL DIMENSIONS ARE FROM FACE OF GYPSUM WALL BOARD OR CMU PARTITION UON.
2. FIRESTOP ALL SLAB PENETRATIONS, INCLUDING MECHANICAL, PLUMBING, ELECTRICAL, TEL DATA.
3. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
5. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
6. AT ALL KITCHENS AND BATHROOMS, PROVIDE 16 GA METAL GROUNDS FOR ATTACHMENT OF MILLWORK, GRAB BARS, BATHROOM ACCESSORIES, AND OTHER SIMILAR ITEMS REQUIRING SUPPORT. SEE DRAWING G002 FOR TYPICAL LOCATIONS AND MOUNTING HEIGHTS.
7. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
8. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
9. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
10. ALL FLOOR DRAINS TO BE FLUSH WITH THE FINISHED FLOOR U.O.N.
11. PROVIDE ¼" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.

PARTITION NOTES

REFER TO A801 FOR ADDITIONAL INFORMATION

1. ALL NEW CORRIDOR AND STAIR WALLS SHALL BE 2-HOUR RATED.
2. ALL NEW DEMISING WALLS BETWEEN PUBLIC CORRIDORS AND RESIDENTIAL UNITS SHALL BE 2-HOUR RATED WALL TYPE W24 U.O.N.
3. ALL DEMISING WALLS BETWEEN RESIDENTIAL UNIT AND RESIDENTIAL UNIT SHALL BE 1-HOUR RATED.
4. ALL INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE W22 U.O.N.
5. ALL ENCLOSING WALLS AT MECHANICAL RISERS SHALL BE WALL TYPE S22 U.O.N.
6. WHEN WALL TILE IS NOT SPECIFIED PROVIDE WATER RESISTANT GWB IN ALL AREAS HAVING A WATER SOURCE INCLUDING BUT NOT LIMITED TO BATHROOMS, KITCHENS, WASHER/DRYER CLOSETS, AND LOCKER ROOMS .
7. WHEN WALL TILE IS SPECIFIED PROVIDE CEMENTITIOUS BACKER BOARD.
8. PROVIDE MOLD RESISTANT WALLBOARD AT ALL WET WALL SHAFT CONDITIONS.
9. ALL FURRING AT COLUMNS, EXTERIOR WALLS, AND FURRING AT INTERIOR PARTITIONS WITHIN APARTMENTS SHALL BE WALL TYPE F21 U.O.N.
10. ALL PARTITIONS IN THE SUBCELLAR TO BE 8" CMU U.O.N.
11. TRASH CHUTE AND BOILER FLUE ENCLOSURE TO BE X-HOUR RATED WALL TYPE

KEYED NOTES

1. SIZES OF STONE TILES TO BE IRREGULAR AND TILE LAYOUT TO HAVE RANDOM APPEARANCE - FINAL DESIGN OF SIZES AND PATTERN SUBJECT TO ARCHITECTS APPROVAL
2.
3.
4.
5.
6.
7.

FINISH LEGEND:

- WOOD FLOORING (WD-5)
- CERAMIC TILE (T-11)
- CARPET
- STONE FLOORING (ST-10)
- RUBBER FLOORING
- CERAMIC TILE

Damian Titus
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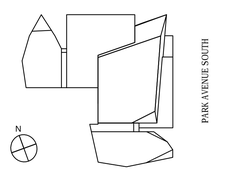
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019833-1 STATE OF NEW YORK

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CELLAR FINISH PLAN

DRAWING NO:
A-700.00

NYC DOB NO: 121181808

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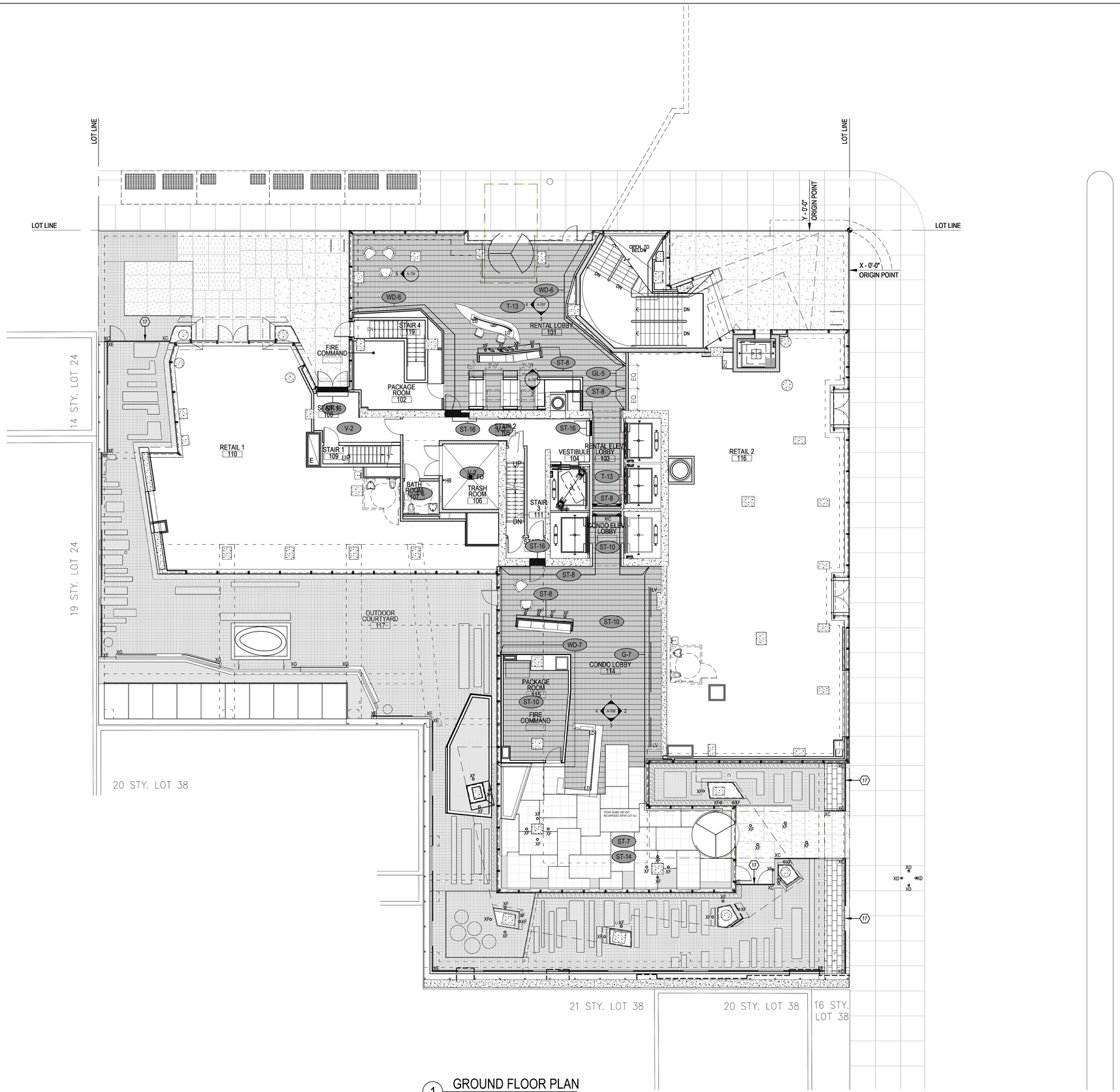

1 GROUND FLOOR PLAN
SCALE: 1/8"= 1'-0"

LEGEND

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- CMU WALL
- CAST-IN-PLACE CONCRETE
- INDICATES OPENING IN SLAB
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- 2 HOUR PARTITION
- PARTITION TAG - REFER TO A801
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- WD — DIRECTION OF WOOD FLOORING
- FD — FLOOR DRAIN
- RD — ROOF DRAIN
- HB — HOSE BIB

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5. REFER TO DRAWING G002 FOR HANDICAP CLEARANCES AND MOUNTING HEIGHTS .
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7. FIRESTOP ALL PLUMBING SLAB PENETRATIONS.
8. PROVIDE ELASTOMERIC WATERPROOFING AT ALL WET AREAS OVER DRY SPACES.
9. PROVIDE EXTERIOR LIGHTING AT TERRACES, ROOF, FACADE, BUILDING ENTRIES AND GARDEN.
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11. PROVIDE ¼" UNDERLAYMENT AT TILE AND WOOD RESIDENTIAL FLOORS.

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- CERAMIC TILE

Damian Titus
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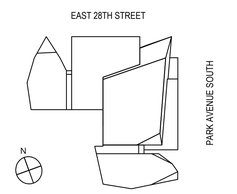
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
GROUND FLOOR FINISH PLAN

DRAWING NO:
A-701.00

NYC DOB NO: 121181808

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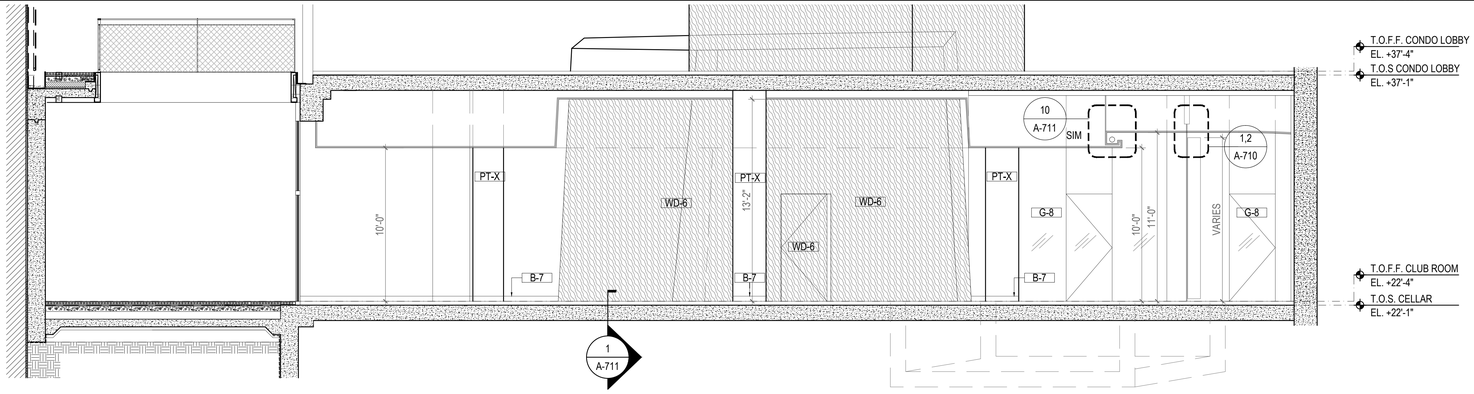
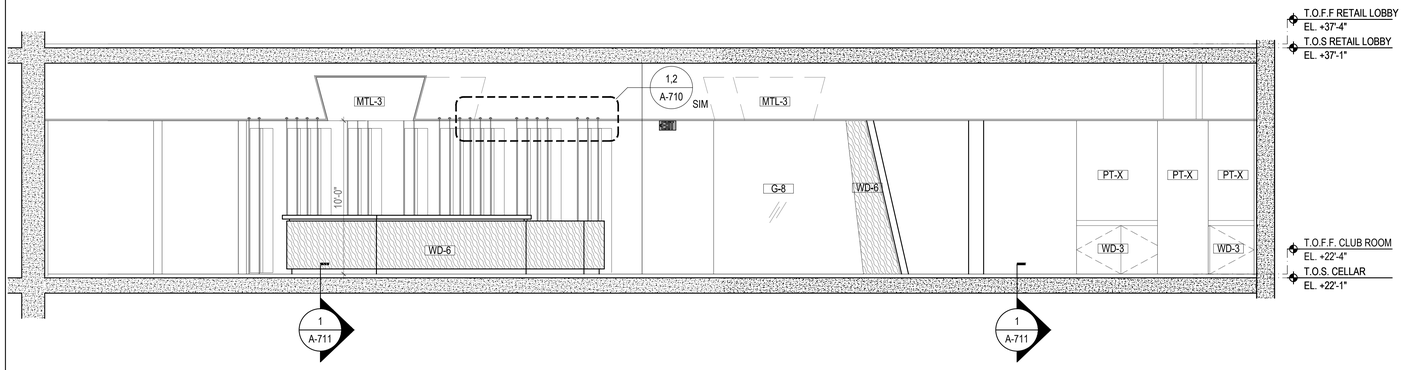
DEPT OF BLDGS121181808 Job Number
ES943322005 Scan Code



6 WEST ELEVATION AT CLUB
SCALE: 1/4" =1'-0"



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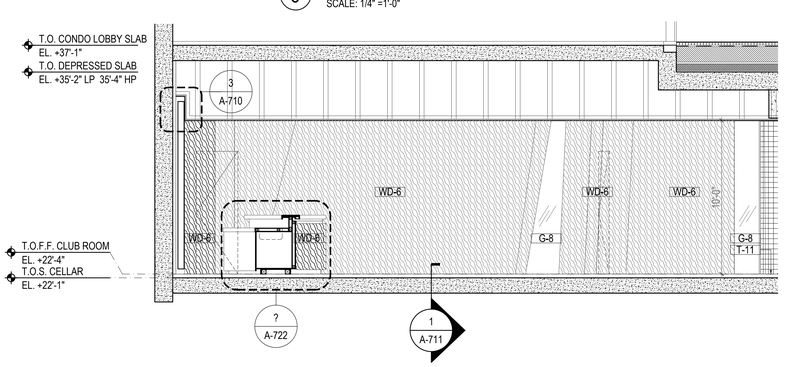

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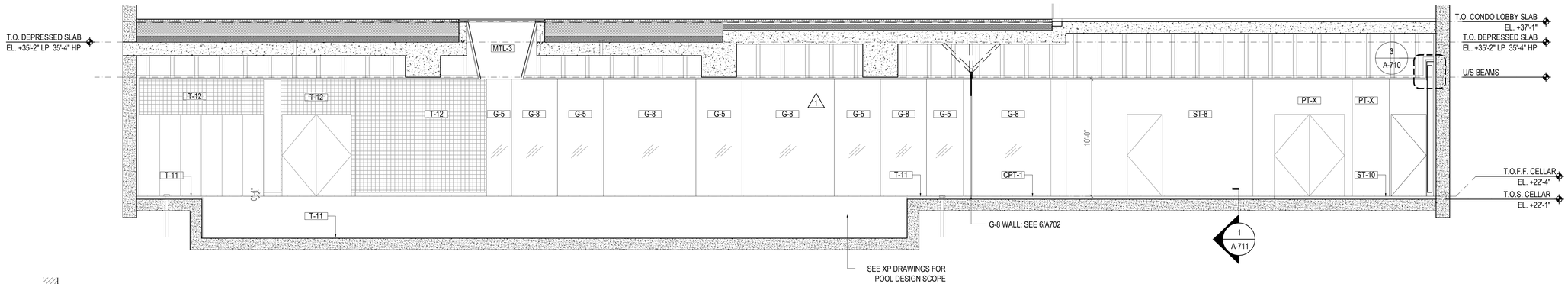
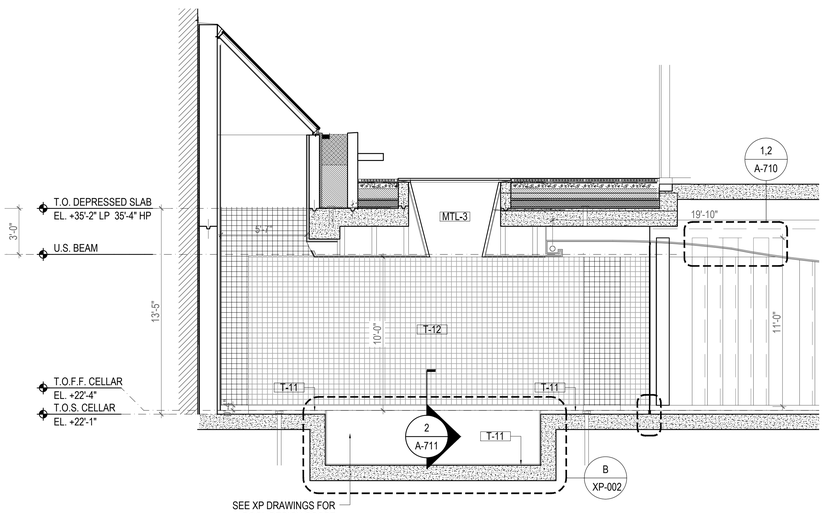
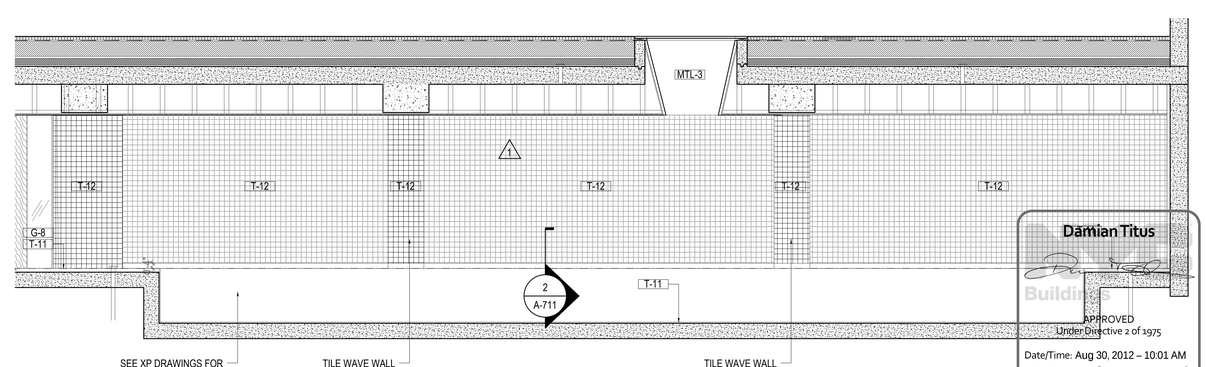
SCALE: 1/4" =1'-0"



3 NORTH ELEVATION AT POOL/CLUB
SCALE: 1/4" =1'-0"



2 WEST ELEVATION AT POOL
SCALE: 1/4" =1'-0"



1 SOUTH ELEVATION AT POOL
SCALE: 1/4" =1'-0"

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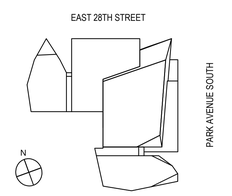
1	07.25.12	ASI 013

KEY PLAN



SCALE: 1/4"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
INTERIOR ELEVATIONS AT AMENITY FLOOR

DRAWING NO:
A702.00

NYC DOB NO: 121181808

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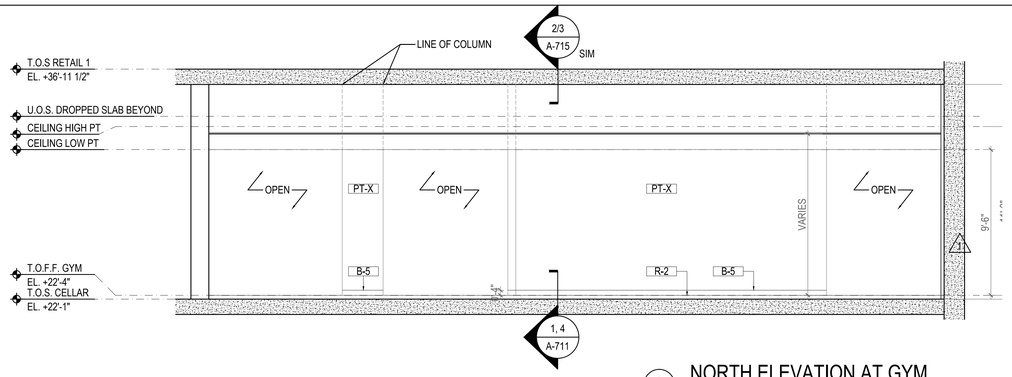
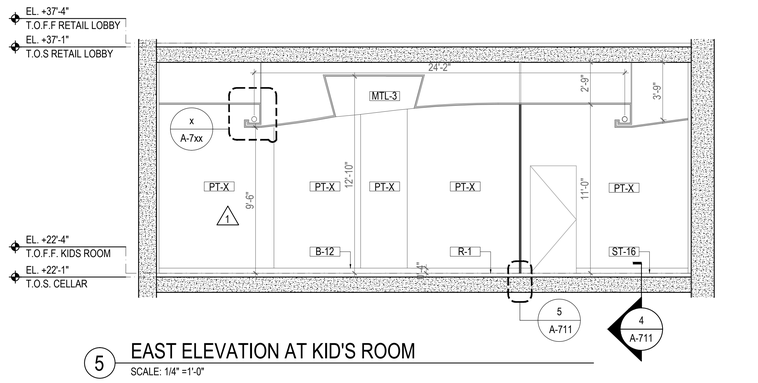
ES9056643543 Scan Code



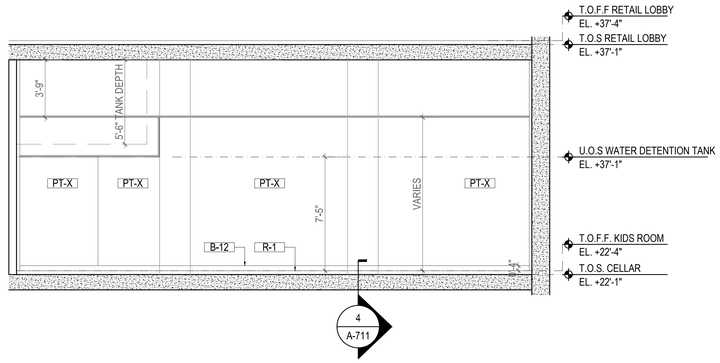
6 NORTH ELEVATION AT GYM

SCALE: 1/4" =1'-0"



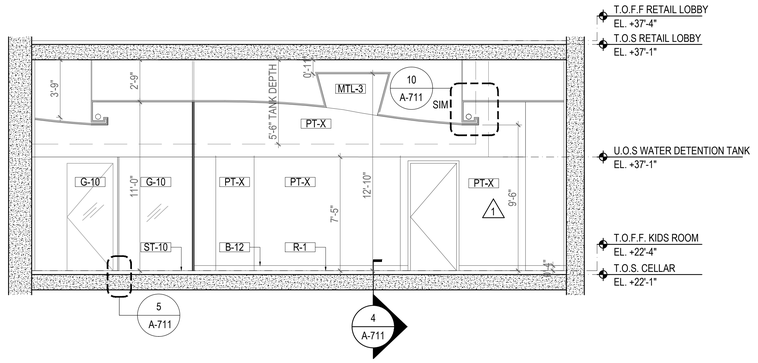
5 EAST ELEVATION AT KID'S ROOM

SCALE: 1/4" =1'-0"



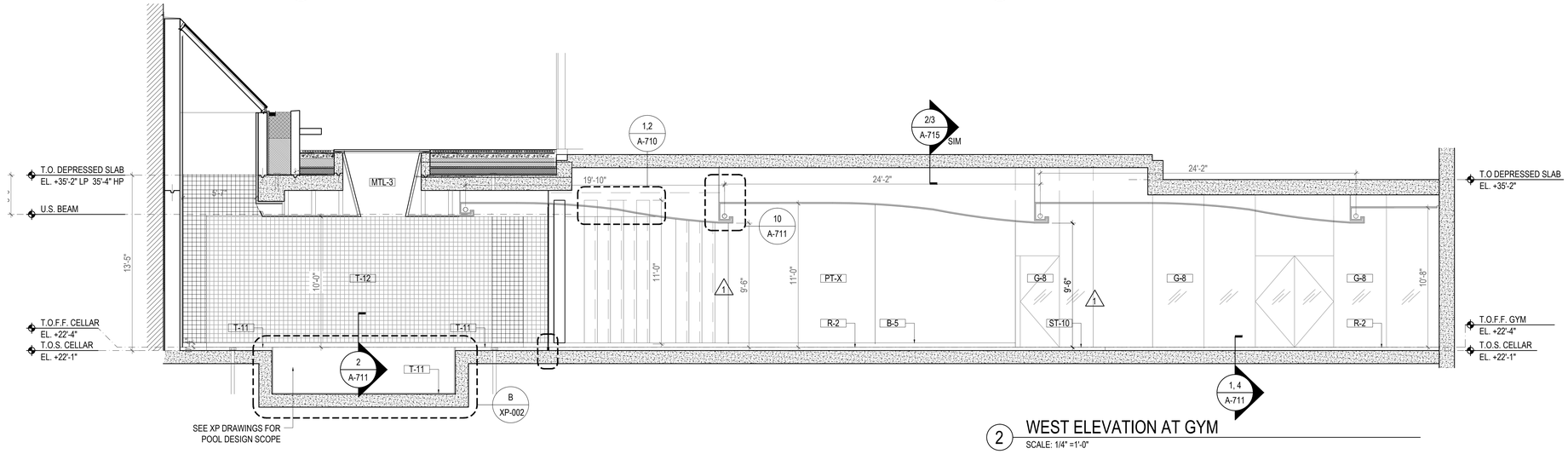
4 NORTH ELEVATION AT KID'S ROOM

SCALE: 1/4" =1'-0"



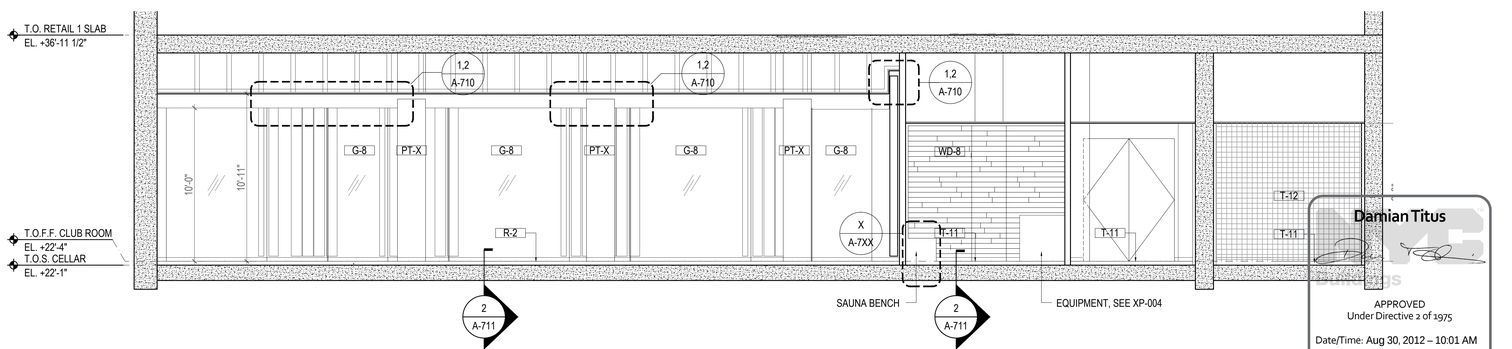
3 WEST ELEVATION AT KID'S ROOM

SCALE: 1/4" =1'-0"



2 WEST ELEVATION AT GYM

SCALE: 1/4" =1'-0"



1 SOUTH ELEVATION AT GYM AND SAUNA/STEAM ROOM

SCALE: 1/4" =1'-0"

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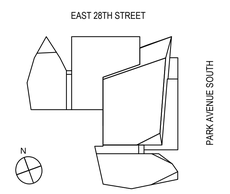
KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:

INTERIOR ELEVATIONS AT AMENITY FLOOR

DRAWING NO:

A703.00

NYC DOB NO: 121181808

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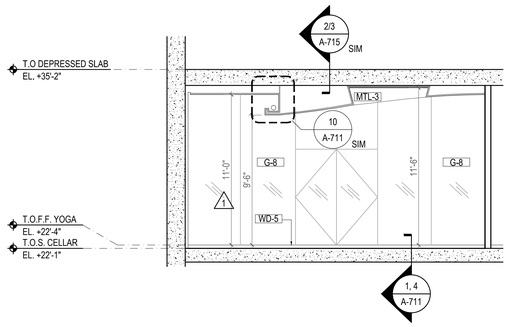
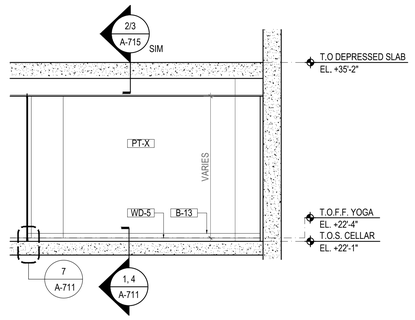
ES47410B128 Scan Code



5 EAST ELEVATION AT YOGA
SCALE: 1/4" =1'-0"



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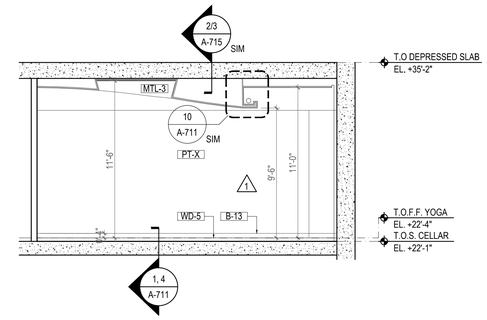
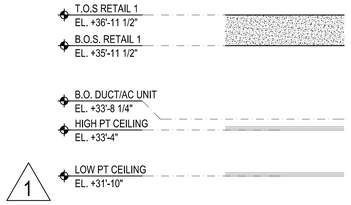
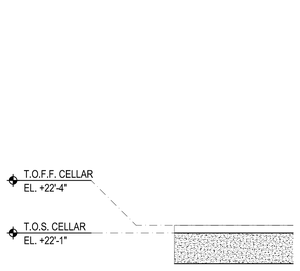
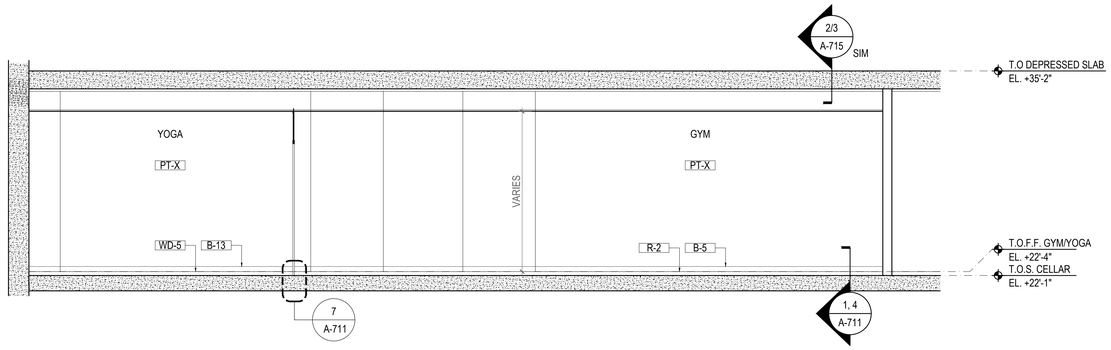


3 WEST ELEVATION AT YOGA
SCALE: 1/4" =1'-0"

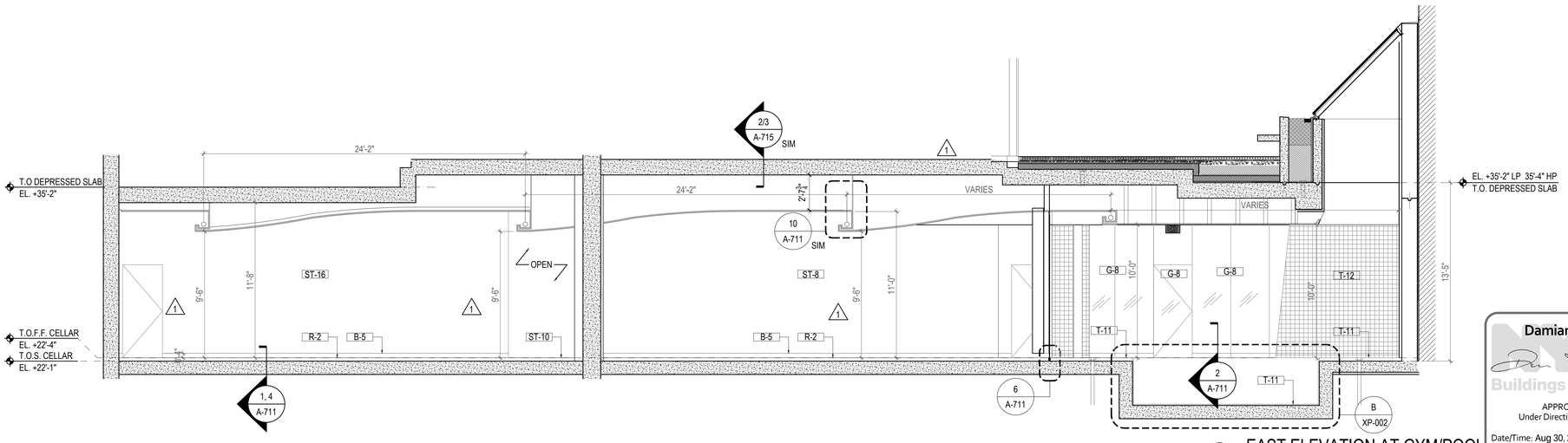




6 ELEVATION DIAGRAM
SCALE: 1/2" =1'-0"



2 NORTH ELEVATION AT GYM/YOGA
SCALE: 1/4" =1'-0"



1 EAST ELEVATION AT GYM/POOL
SCALE: 1/4" =1'-0"

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INTERIOR DESIGN
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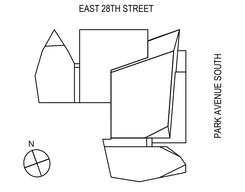
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.25.12	ASI 013

KEY PLAN



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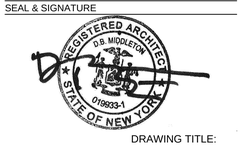
PROJECT NO: 874
SEAL & SIGNATURE



DRAWING TITLE:
INTERIOR ELEVATIONS AT AMENITY FLOOR

DRAWING NO:
A704.00

NYC DOB NO: 121181808

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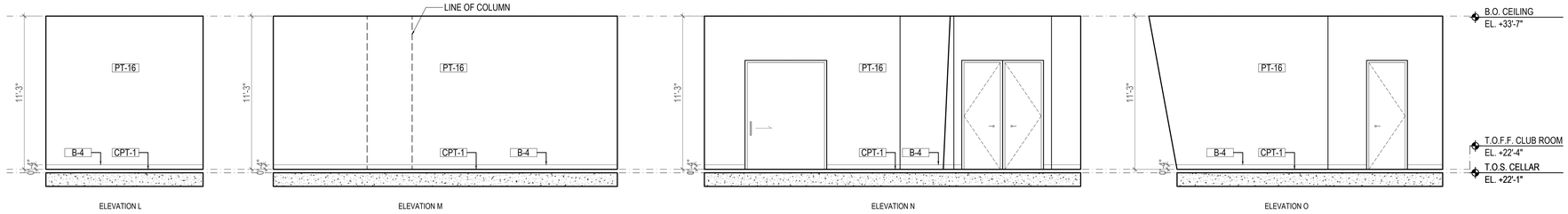
DEPT OF BLDGS121181808 Job Number
ES195113047 Scan Code

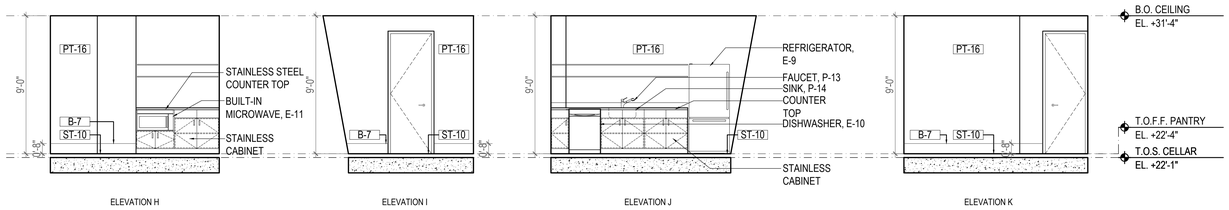


ELEVATION L | ELEVATION M | ELEVATION N | ELEVATION O

NOTE: VERIFY THE ANGLES OF PARTITION WALLS IN FIELD.

6 MEETING ROOM - ELEVATIONS

SCALE: 1/4" =1'-0"

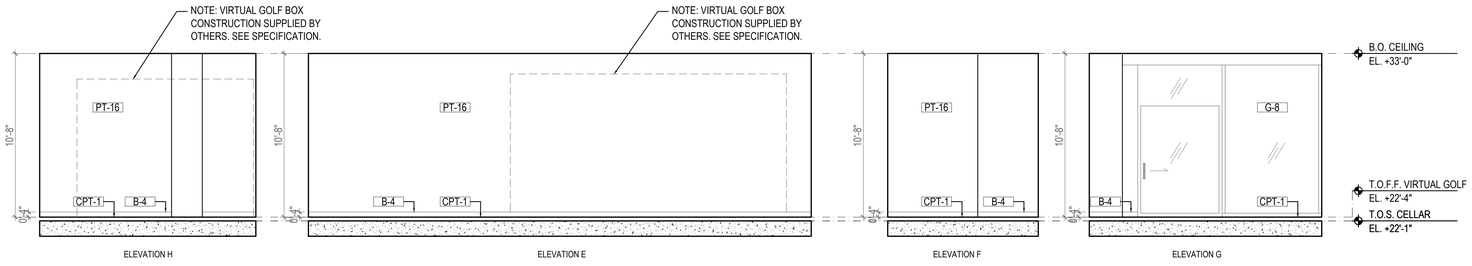


ELEVATION H | ELEVATION I | ELEVATION J | ELEVATION K

NOTE: VERIFY THE ANGLES OF PARTITION WALLS IN FIELD.

5 PANTRY - ELEVATIONS

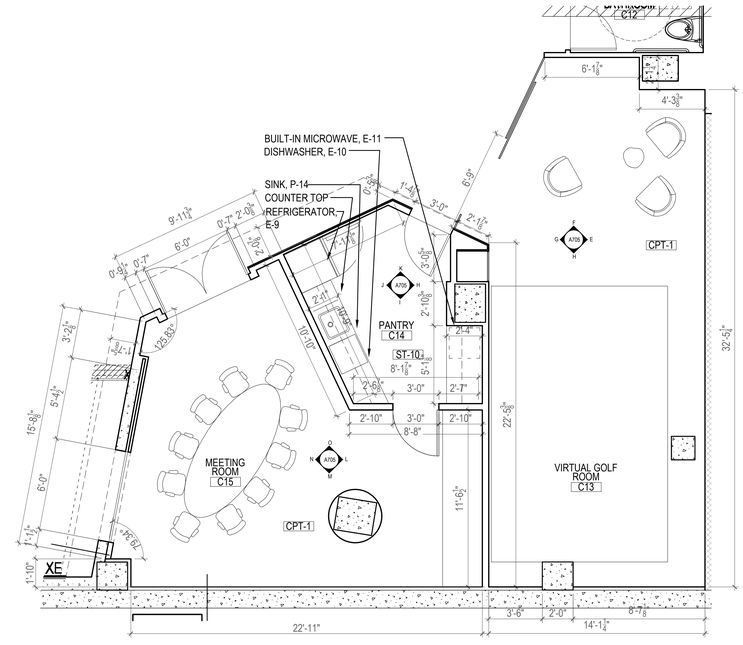
SCALE: 1/4" =1'-0"



ELEVATION H | ELEVATION E | ELEVATION F | ELEVATION G

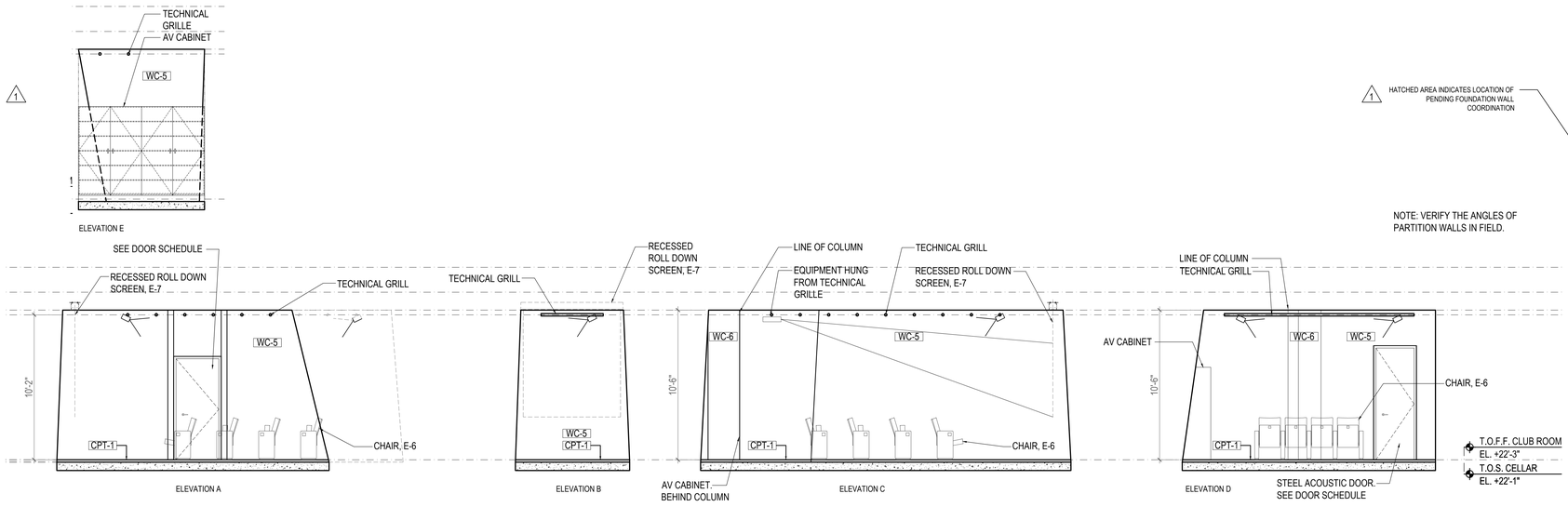
4 VIRTUAL GOLF ROOM - ELEVATIONS

SCALE: 1/4" =1'-0"



2 VIRTUAL GOLF ROOM/PANTRY/MEETING ROOM - PLAN

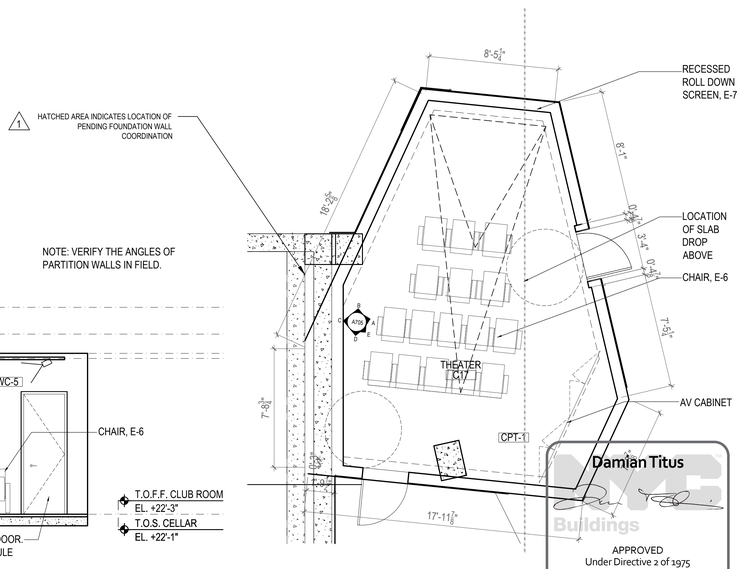
SCALE: 1/4" =1'-0"



ELEVATION E | ELEVATION A | ELEVATION B | ELEVATION C | ELEVATION D

3 THEATER - ELEVATIONS

SCALE: 1/4" =1'-0"



1 THEATER - PLAN

SCALE: 1/4" =1'-0"

Damian Titus
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:02 AM
~~NYC Development Hub~~

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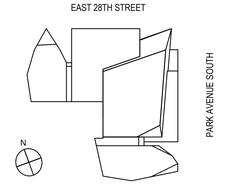

SCALE: 1/4"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019633-1 STATE OF NEW YORK

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INTERIOR ELEVATIONS AT AMENITY FLOOR

DRAWING NO:
A705.00

NYC DOB NO: 121181808

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ES934654696 Scan Code

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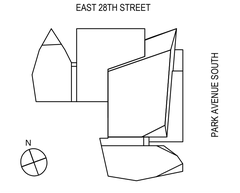
KEY PLAN



SCALE: 1/4" = 1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

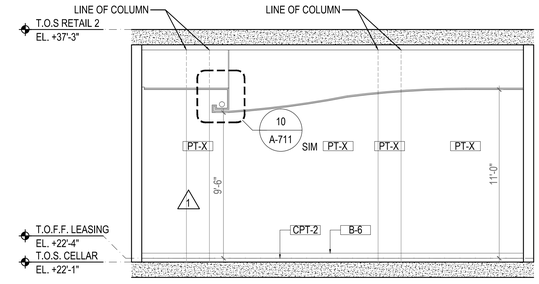
DRAWING TITLE:

INTERIOR ELEVATIONS AT AMENITY FLOOR

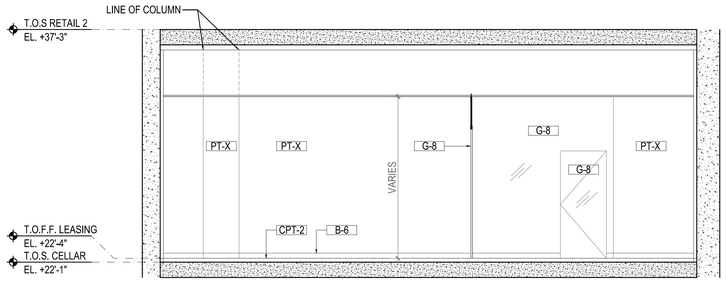
DRAWING NO:

A706.00

NYC DOB NO: 121181808



5 EAST ELEVATION LEASING OFFICE
SCALE: 1/4" =1'-0"



4 SOUTH ELEVATION LEASING OFFICE
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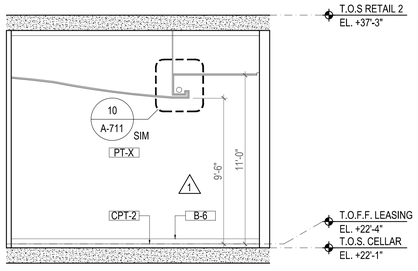

3 WEST ELEVATION LEASING OFFICE
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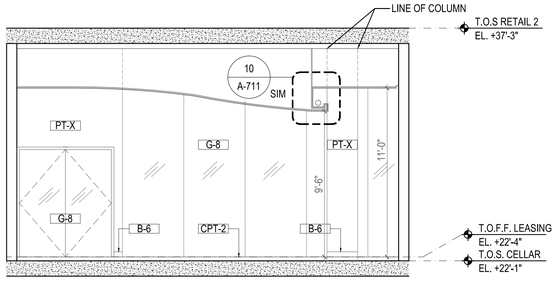

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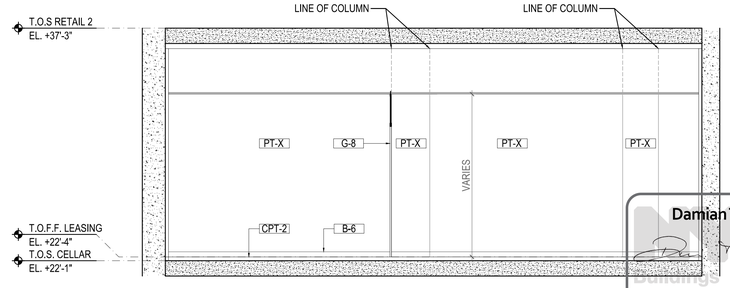

1 NORTH ELEVATION LEASING OFFICE
SCALE: 1/4" =1'-0"

Damian Titus
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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:02 AM
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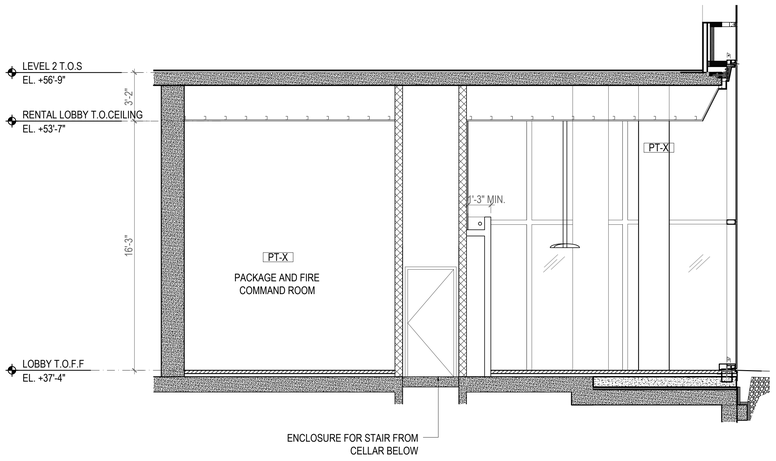
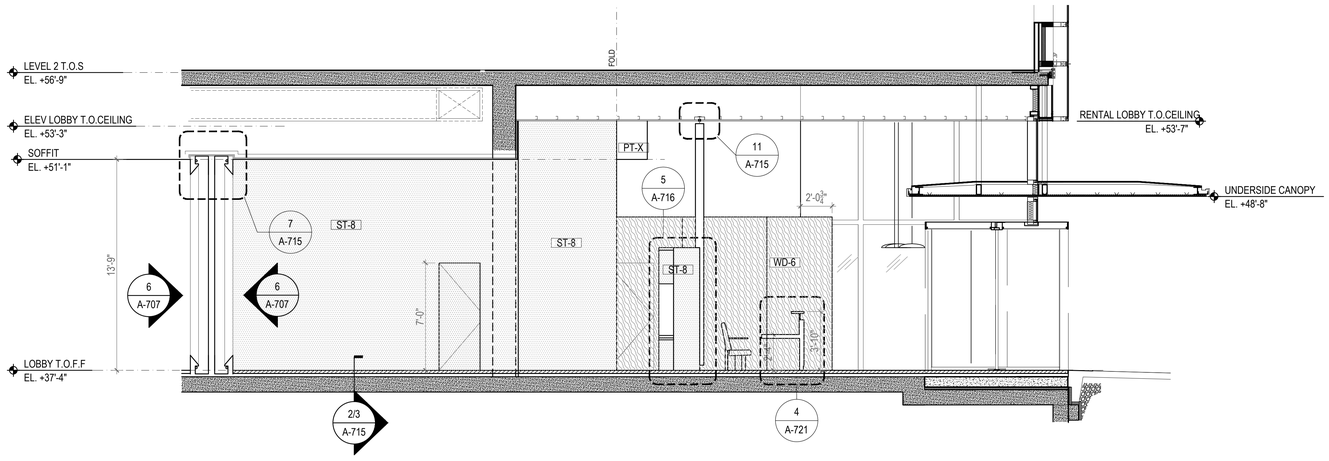


5 WEST ELEVATION AT RENTAL LOBBY
SCALE: 1/4" =1'-0"



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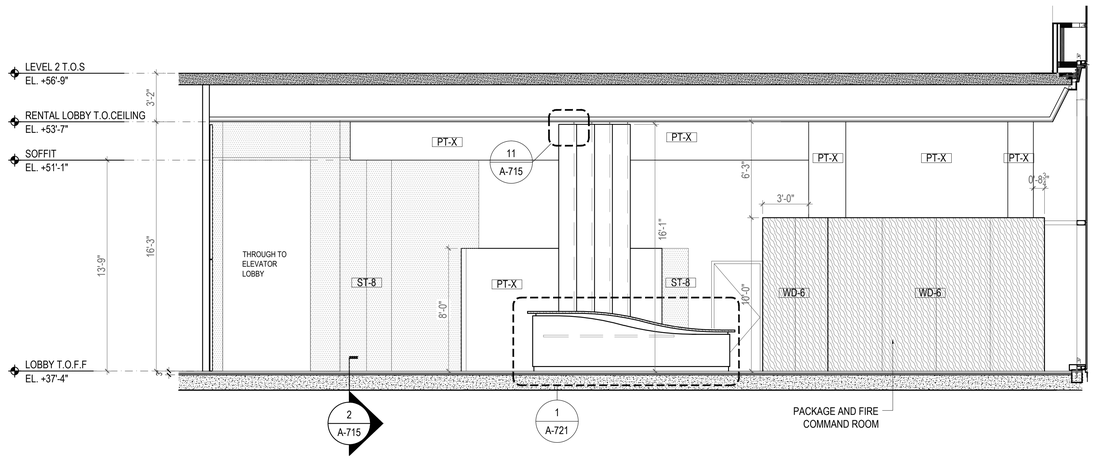

3 SOUTH ELEVATION AT RENTAL LOBBY
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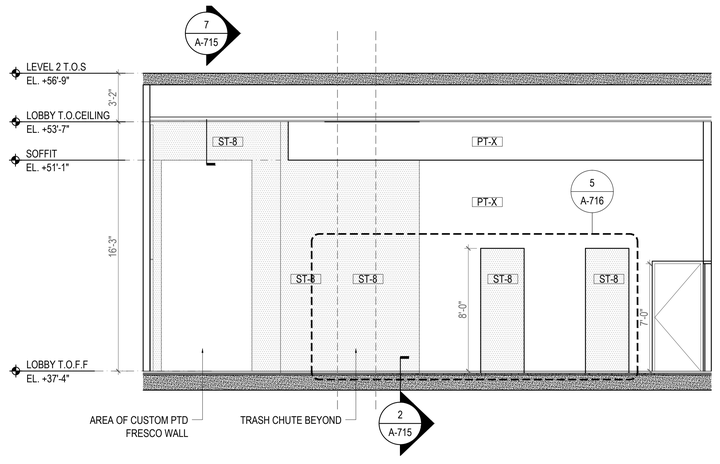

2 SOUTH ELEVATION AT RENTAL LOBBY
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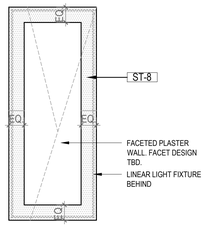

6 TYPICAL ELEVATOR LOBBY END WALL ELEVATION
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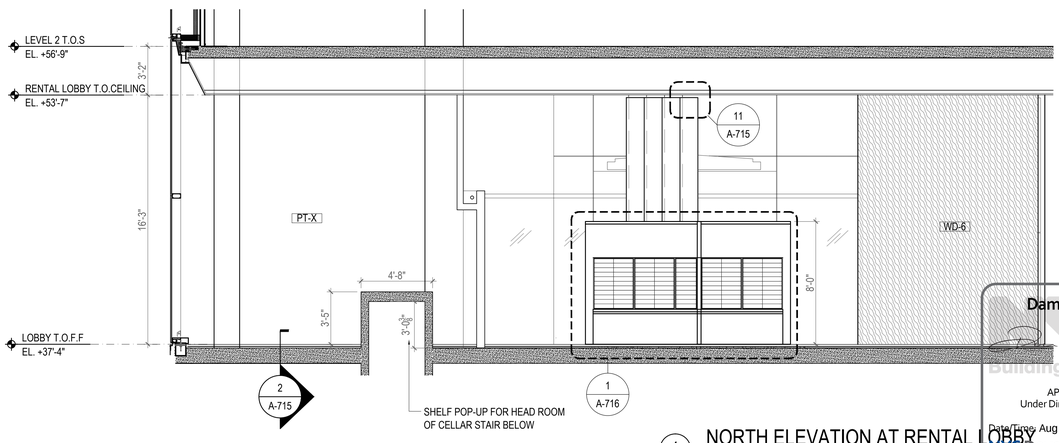

1 NORTH ELEVATION AT RENTAL LOBBY
SCALE: 1/4" =1'-0"

Damian Titus
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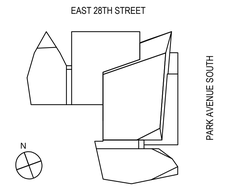

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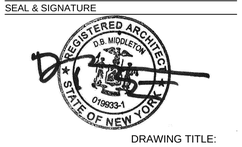

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INTERIOR ELEVATIONS AT RENTAL LOBBY

DRAWING NO:
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NYC DOB NO: 121181808

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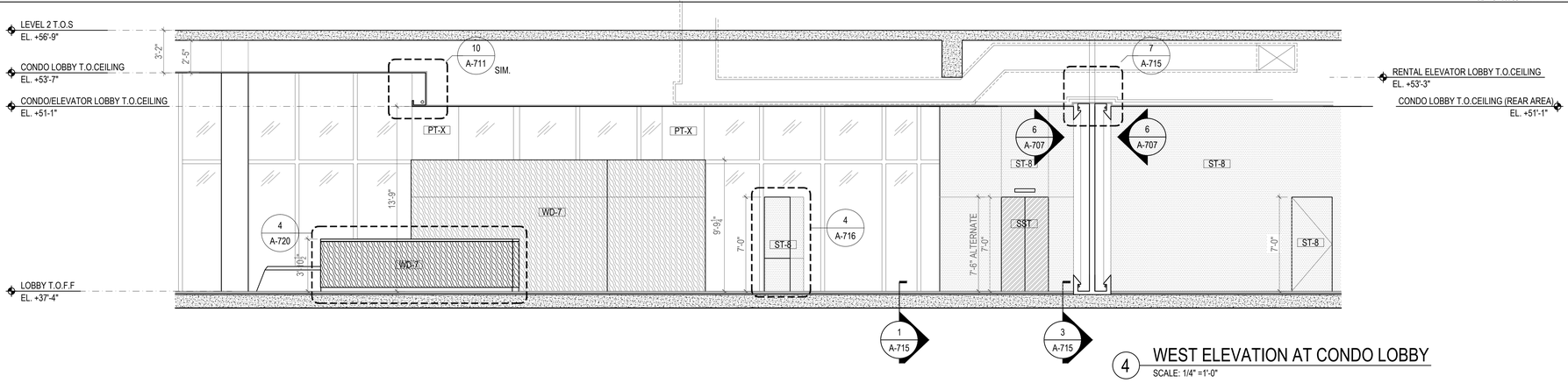
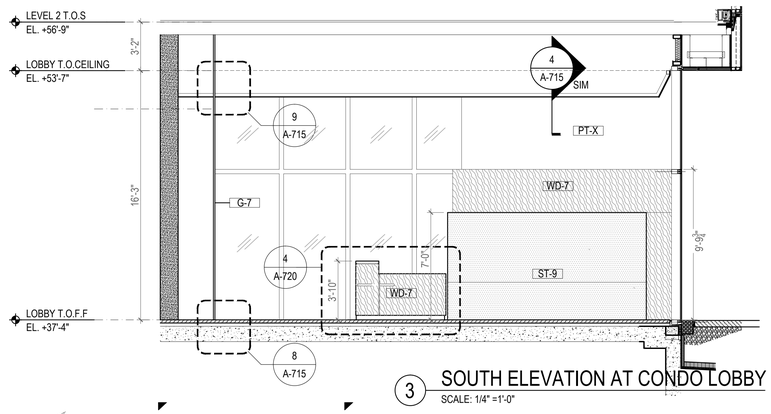


4 WEST ELEVATION AT CONDO LOBBY
SCALE: 1/4" =1'-0"



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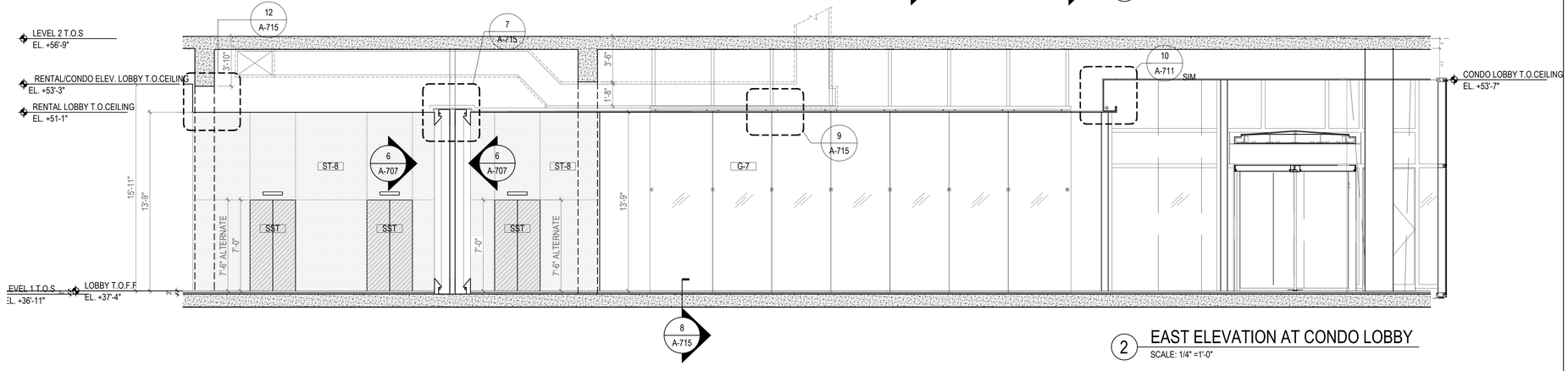

2 EAST ELEVATION AT CONDO LOBBY
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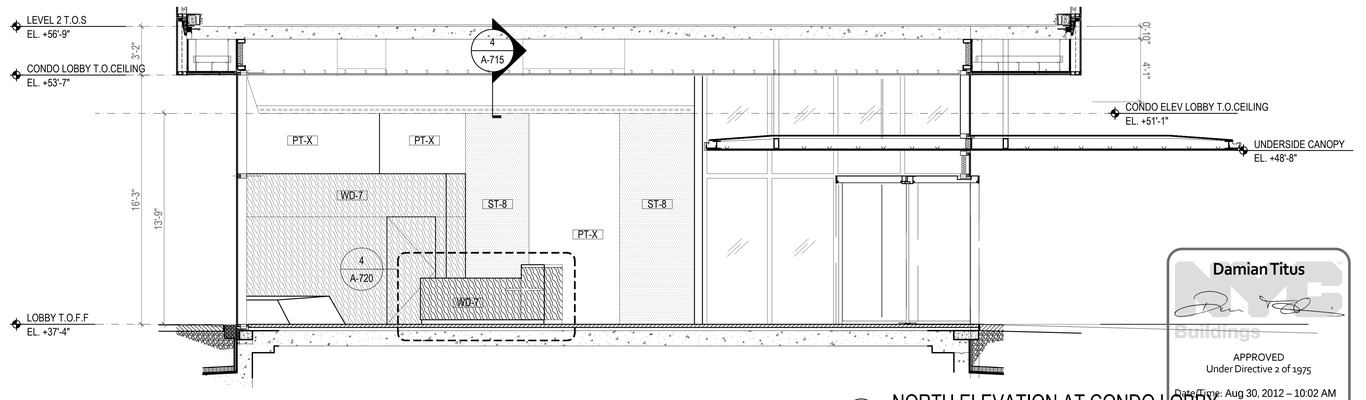

1 NORTH ELEVATION AT CONDO LOBBY
SCALE: 1/4" =1'-0"

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1	02.17.12	DESIGN DEVELOPMENT
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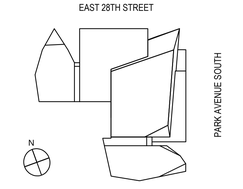
4	08.10.12	DOB SUBMISSION
1	07.25.12	ASI 013

KEY PLAN



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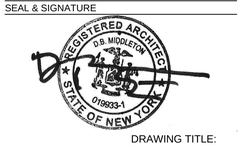
PROJECT NO: 874
SEAL & SIGNATURE



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INTERIOR ELEVATIONS AT CONDO LOBBY

DRAWING NO:

A708.00

NYC DOB NO: 121181808

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ES0095474US Scan Code

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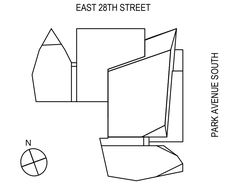
KEY PLAN



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PROJECT NO: 874

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ENLARGED DETAILS AT AMENITIES

DRAWING NO:

A710.00

NYC DOB NO: 121181808

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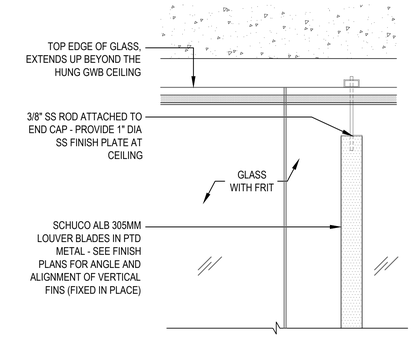

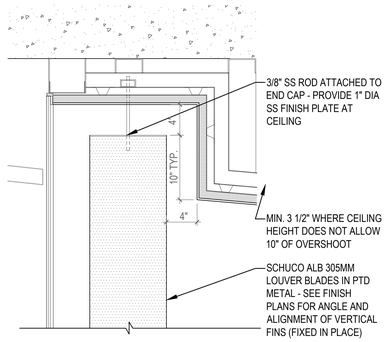

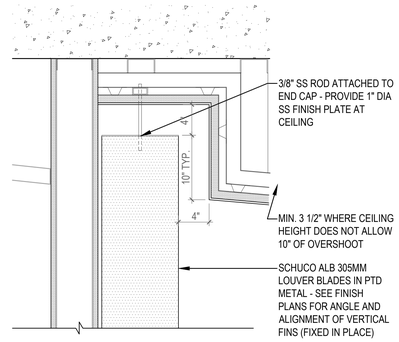

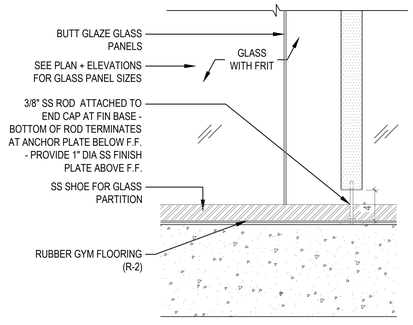

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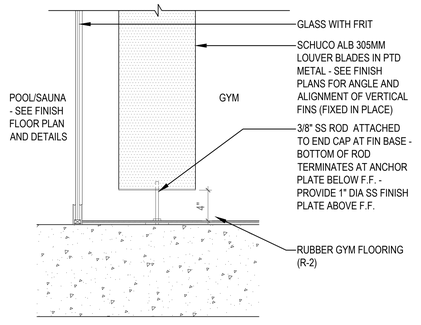

2 SECTION DETAIL AT FIN + GLASS WALL
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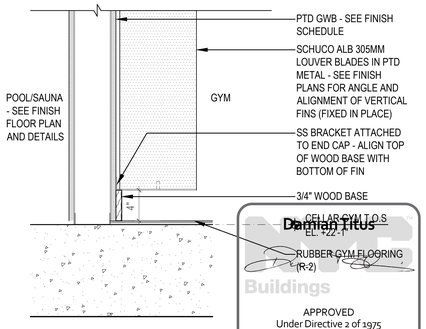

1 SECTION DETAIL AT FIN + STUD WALL
SCALE: 1 1/2"= 1'-0"

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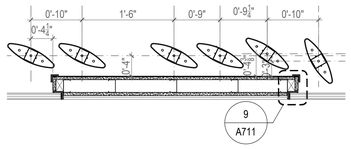

11 DETAIL - FIN AT POOL
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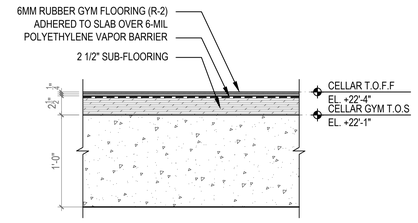
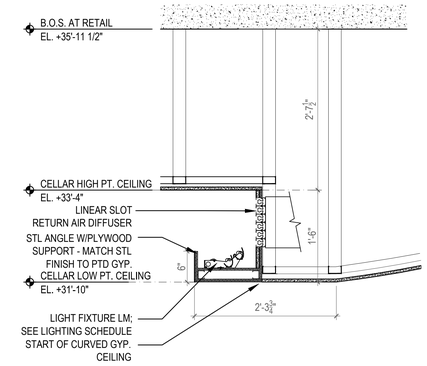


4 FLOOR DETAIL AT GYM / KIDS ROOM
SCALE: 1 1/2"= 1'-0"

1



12 SECTION DETAIL AT AMENITY LEVEL CEILING
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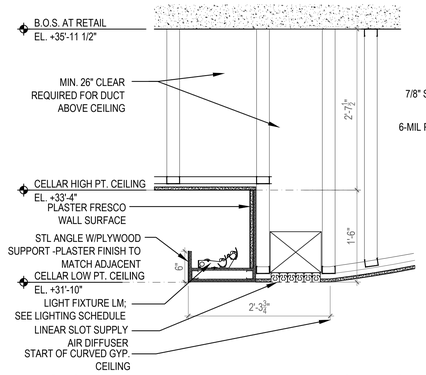

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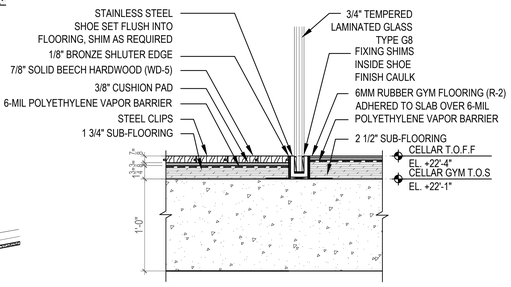

7 FLOOR DETAIL AT YOGA ROOM/GYM
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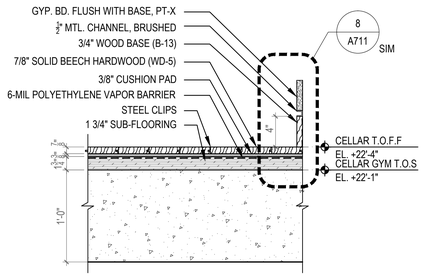

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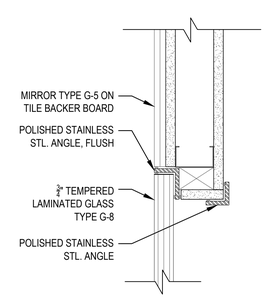

9 MIRROR/GLASS @ POOL
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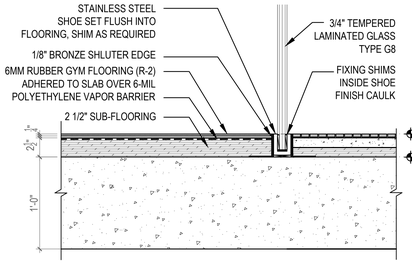

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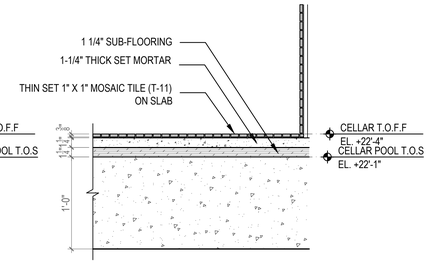

2 FLOOR DETAIL AT POOL
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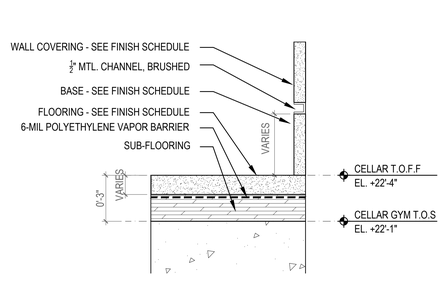

8 TYPICAL BASE DETAIL @ CELLAR
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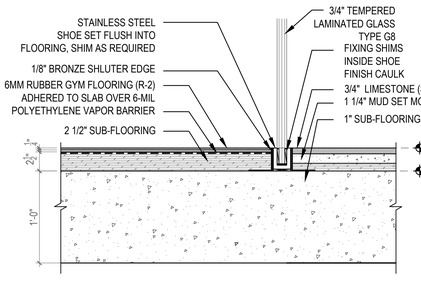

5 FLOOR DETAIL AT KID'S ROOM
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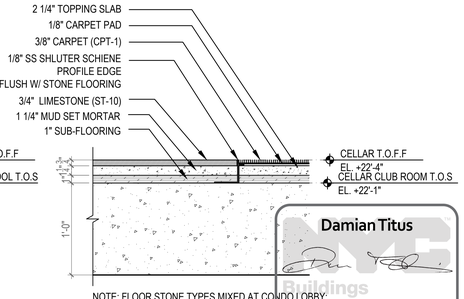

NOTE: FLOOR STONE TYPES MIXED AT CONDO LOBBY;
SEE FINISH SCHEDULE

1 FLOOR DETAIL AT CLUB ROOM
SCALE: 1 1/2"= 1'-0"

Damian Titus

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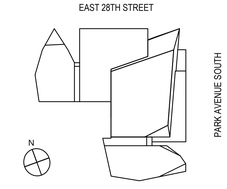

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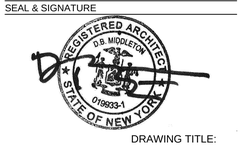

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DRAWING NO:
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NYC DOB NO: 121181808

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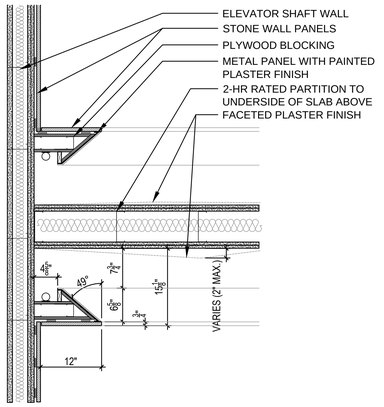
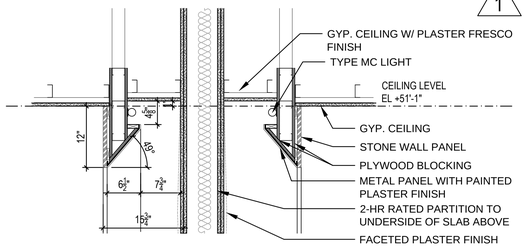
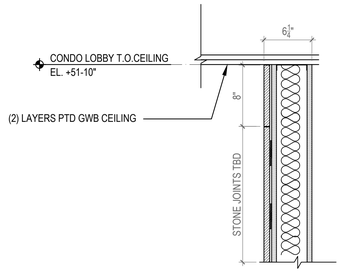


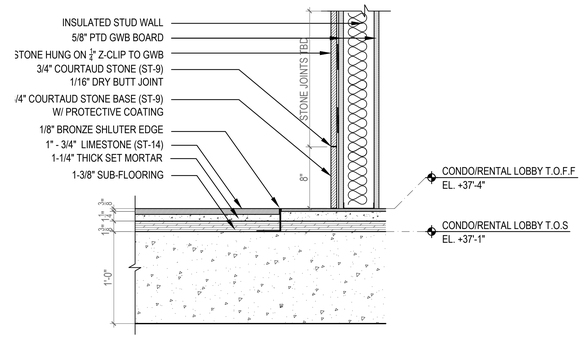
12 PLAN DETAIL AT ELEVATOR LOBBY CEILING
SCALE: 1"= 1'-0"



7 SECTION DETAIL AT ELEVATOR LOBBY CEILING
SCALE: 1"= 1'-0"

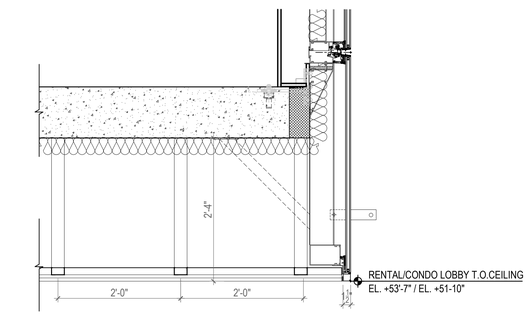


4 HEAD DETAIL AT STONE CLAD WALLS / CONDO
SCALE: 1 1/2"= 1'-0"

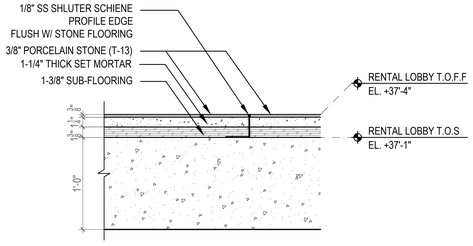


NOTE: STONE CLAD WALL DETAIL SIMILAR AT RENTAL LOBBY

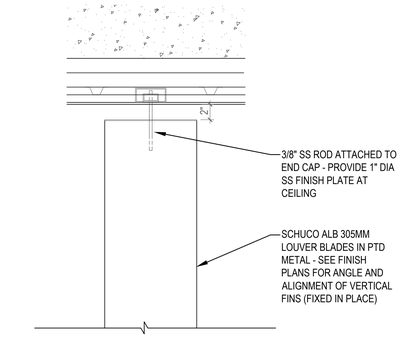
3 BASE DETAIL AT STONE CLAD WALLS / CONDO
SCALE: 1 1/2"= 1'-0"



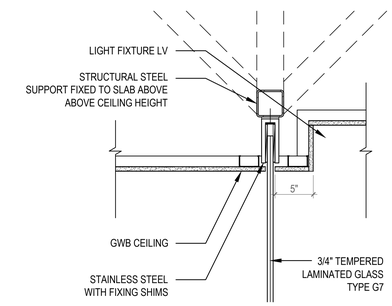
6 SECTION DETAIL AT LOBBY CEILING
SCALE: 1"= 1'-0"



2 FLOOR DETAIL AT RENTAL LOBBY
SCALE: 1 1/2"= 1'-0"

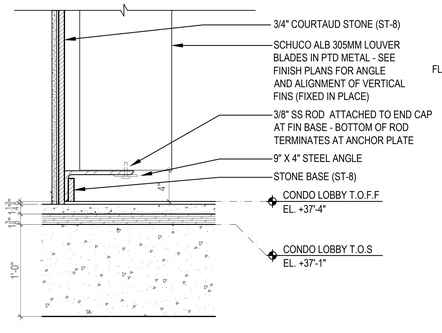


11 SECTION DETAIL AT FIN - LOBBY
SCALE: 1 1/2"= 1'-0"

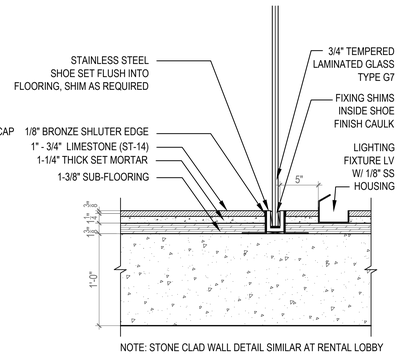


9 HEAD DETAIL AT GLASS WALL / CONDO
SCALE: 1 1/2"= 1'-0"

2 FLOOR DETAIL AT RENTAL LOBBY
SCALE: 1 1/2"= 1'-0"

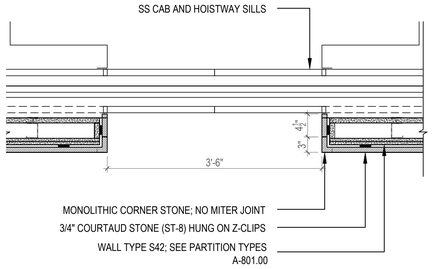


10 SECTION DETAIL AT FIN - LOBBY
SCALE: 1 1/2"= 1'-0"



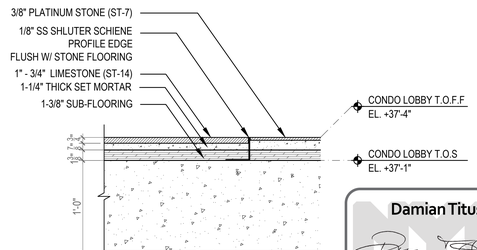
NOTE: STONE CLAD WALL DETAIL SIMILAR AT RENTAL LOBBY

8 BASE DETAIL AT GLASS WALL / CONDO
SCALE: 1 1/2"= 1'-0"



NOTE: DETAIL APPLICABLE AT GROUND FLOOR AND CELLAR ELEVATOR LOBBIES

5 PLAN DETAIL AT STONE CLADDING AT ELEVATOR
SCALE: 1"= 1'-0"



NOTE: FLOOR STONE TYPES MIXED AT CONDO LOBBY; SEE FINISH SCHEDULE

1 FLOOR DETAIL AT CONDO LOBBY
SCALE: 1 1/2"= 1'-0"

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1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
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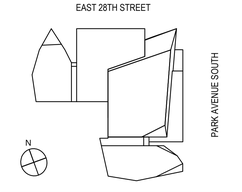
KEY PLAN



SCALE: VARIES
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT D.B. MIDDLETON 019833-1 STATE OF NEW YORK

DRAWING TITLE:
ENLARGED DETAILS AT LOBBIES

DRAWING NO:
A715.00

NYC DOB NO: 121181808

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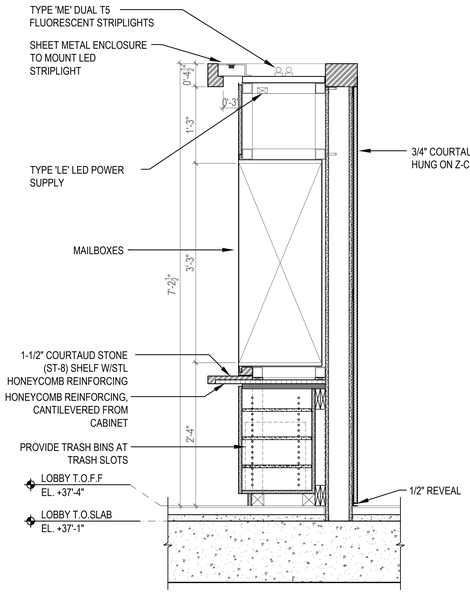
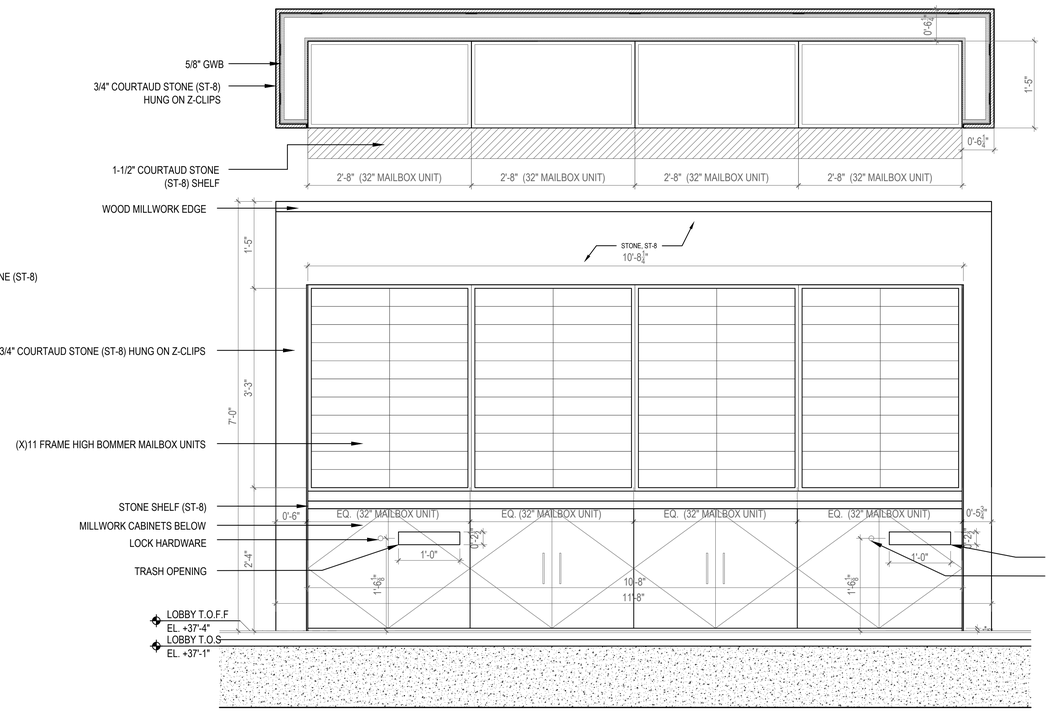
ES525731617 Scan Code



4 SECTION AT STONE MAILBOXES
SCALE: 1"= 1'-0"



2 PLAN + ELEVATION AT STONE MAILBOXES
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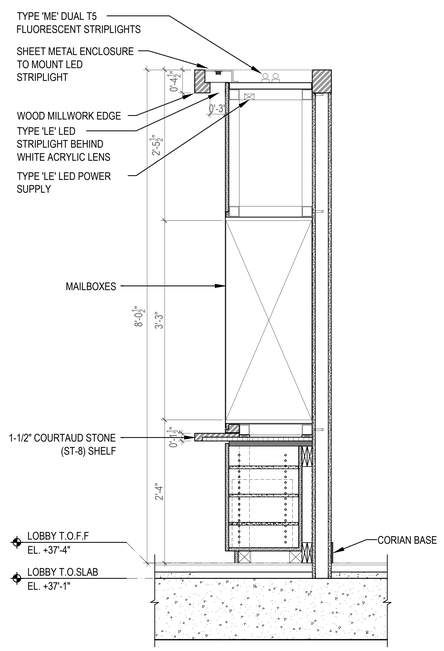
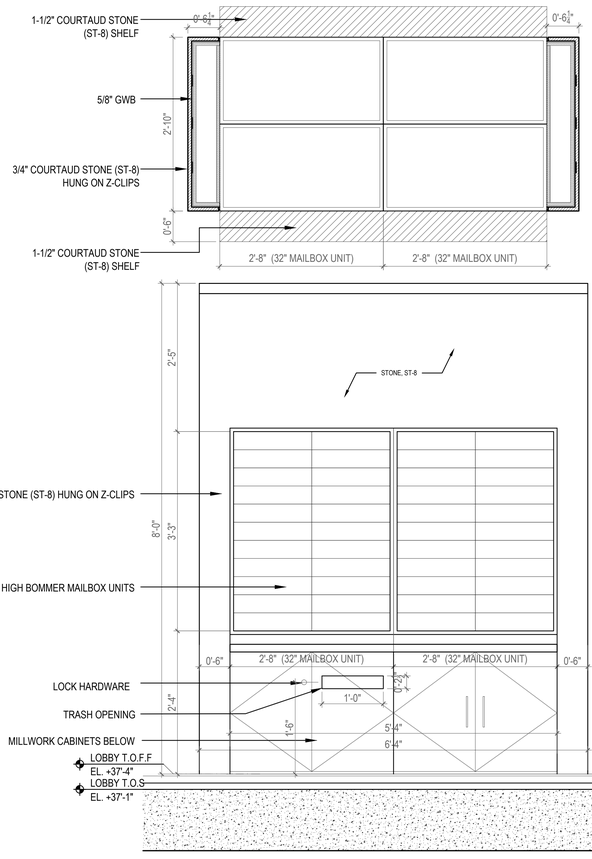
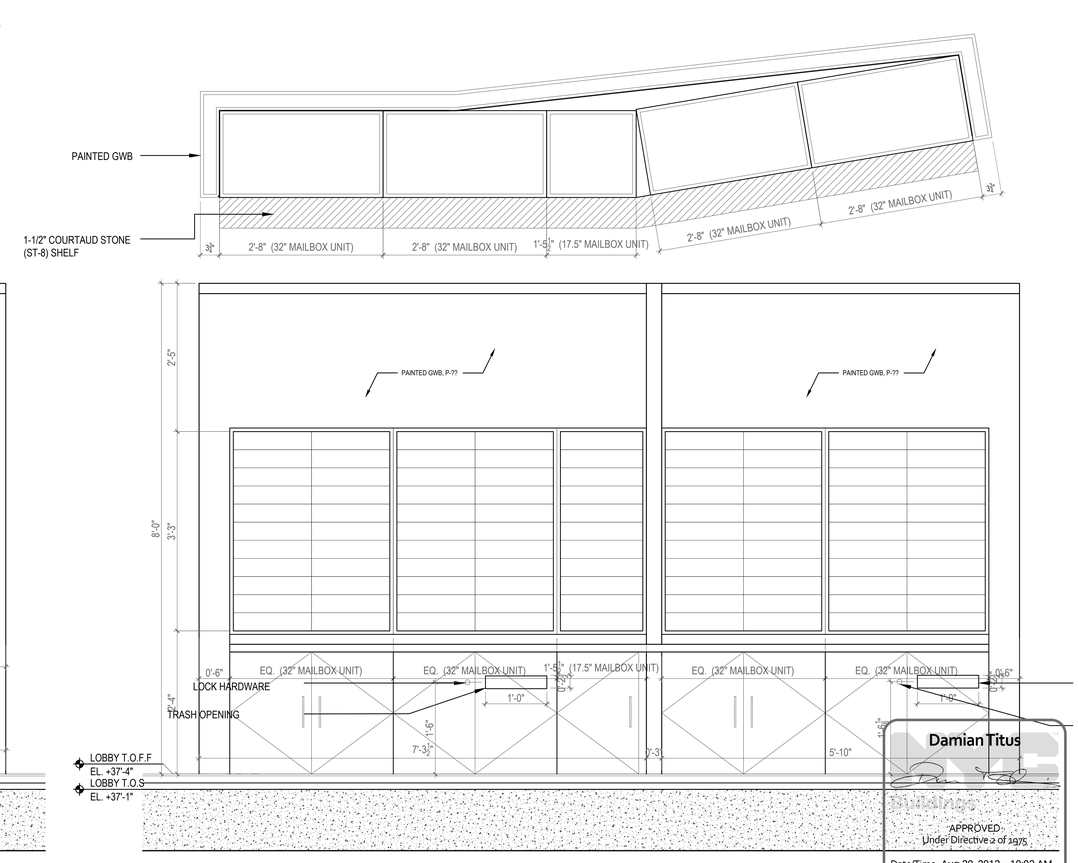


5 SECTION AT GWB MAILBOXES
SCALE: 1"= 1'-0"



3 PLAN + ELEVATION AT STONE MAILBOXES
SCALE: 1"= 1'-0"



1 PLAN + ELEVATION AT GWB MAILBOXES
SCALE: 1"= 1'-0"

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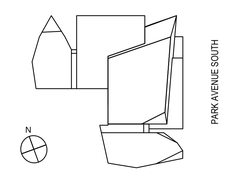
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE: 1" = 1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
ENLARGED DETAILS AT LOBBIES

DRAWING NO:
A716.00

NYC DOB NO: 121181808

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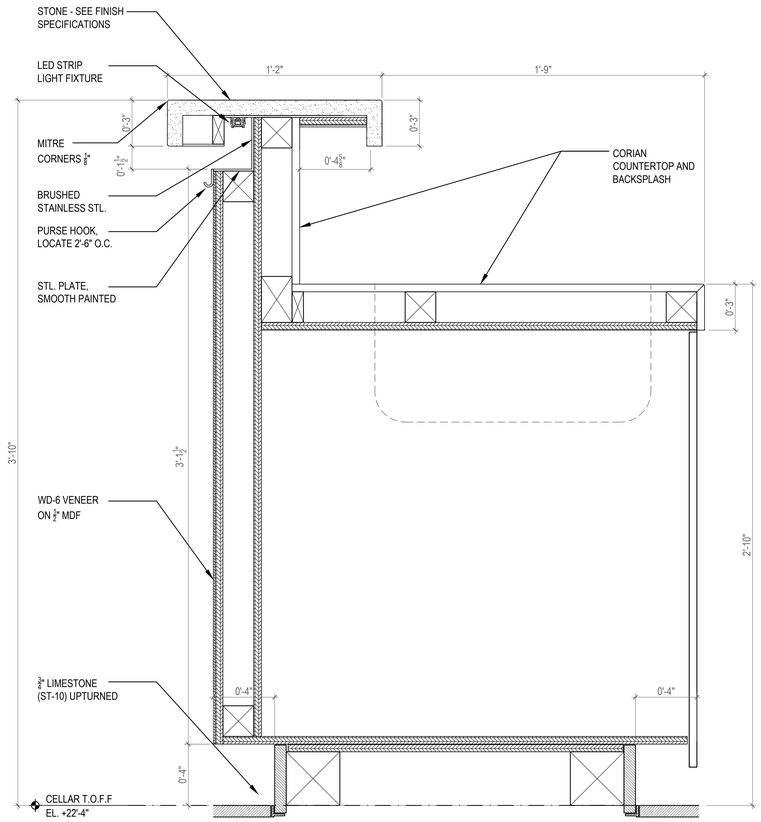

4 SECTION @ CLUB BAR
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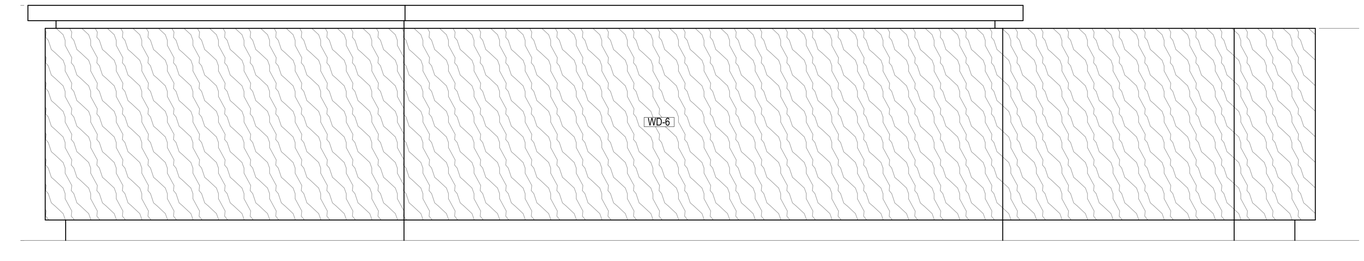

3 ELEVATION @ CLUB BAR
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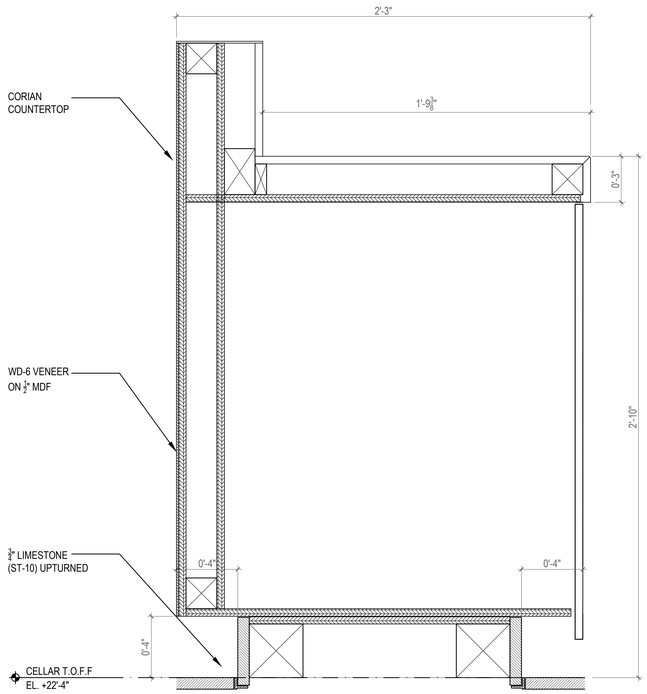

2 SECTION @ CLUB BAR
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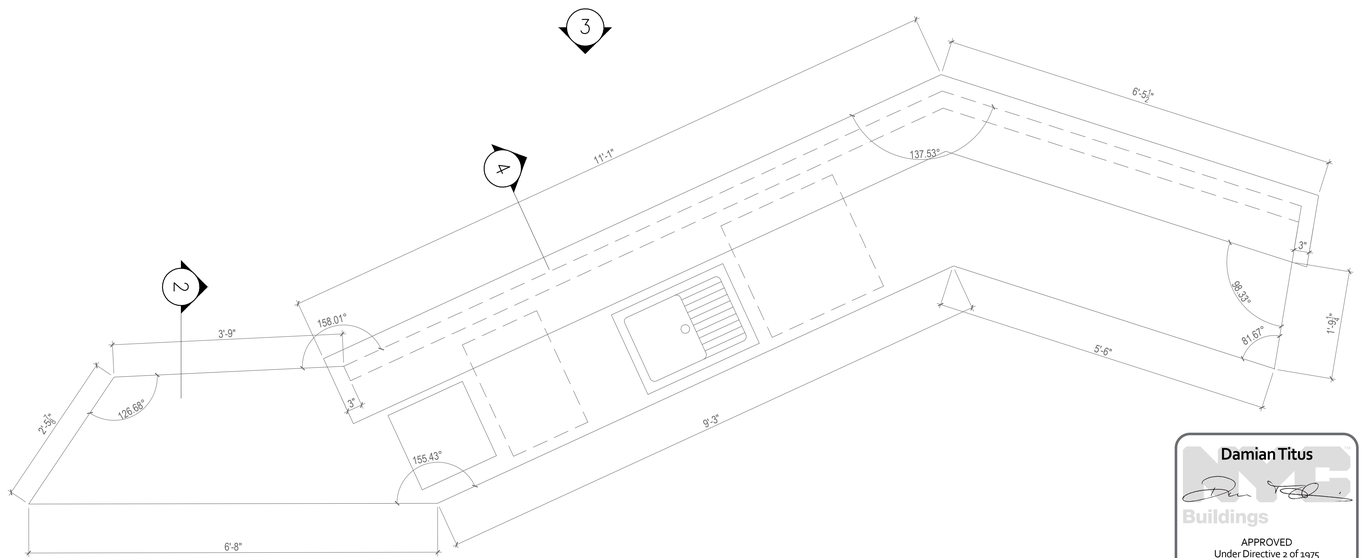

1 PLAN @ CLUB BAR
SCALE: 1"= 1'-0"

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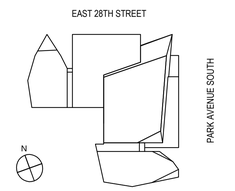
KEY PLAN



SCALE: VARIES = 1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
AMENITY LEVEL CLUB BAR MILLWORK

DRAWING NO:
A-717.00

NYC DOB NO: 121181808

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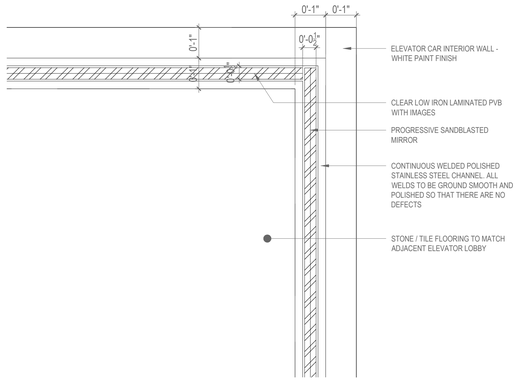

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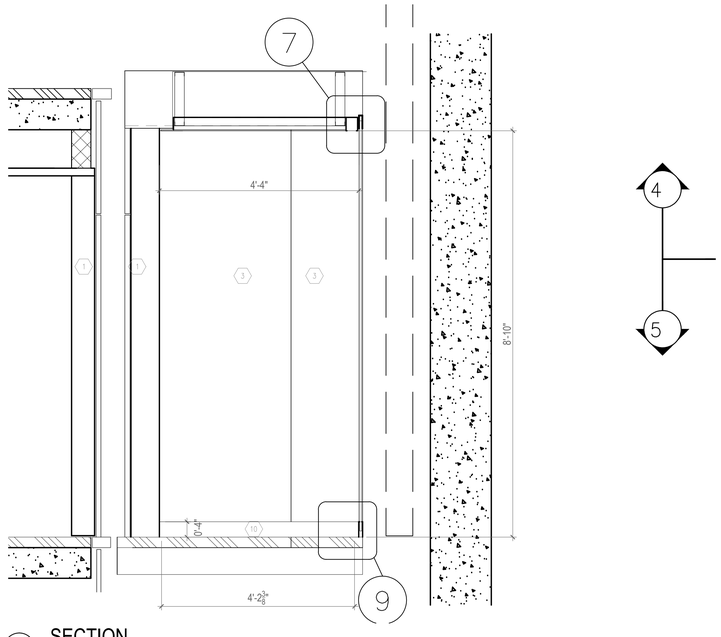
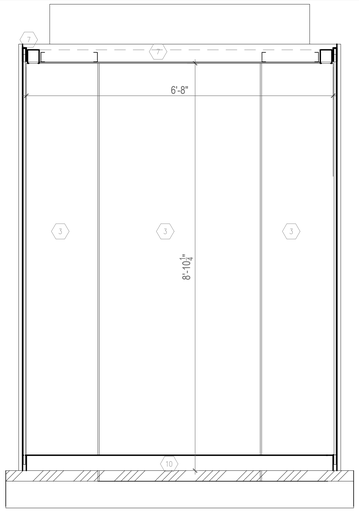
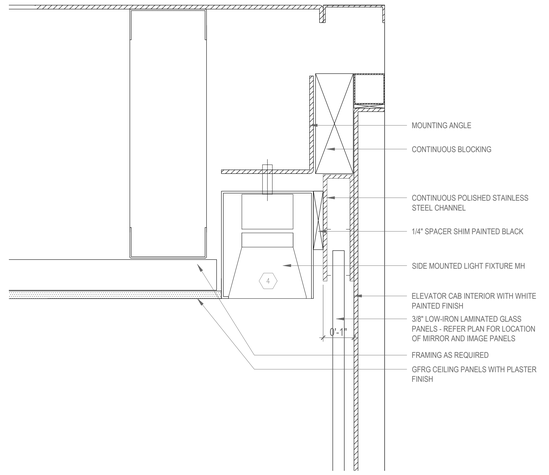


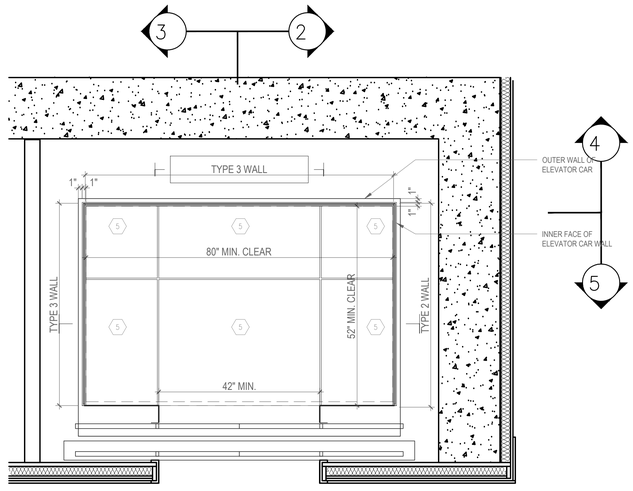
3 SECTION
SCALE: 3/4" =1'-0"



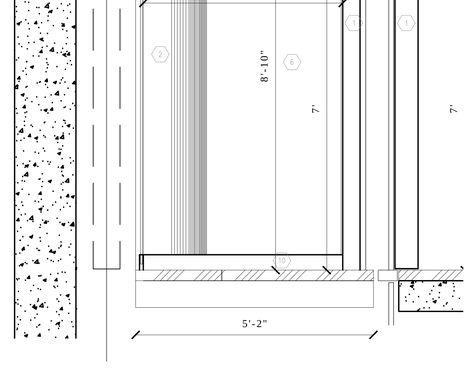
4 SECTION
SCALE: 3/4" =1'-0"



7 DETAIL
SCALE: 6" =1'-0"



1 ELEVATOR CABIN PLAN
SCALE: 3/4" =1'-0"



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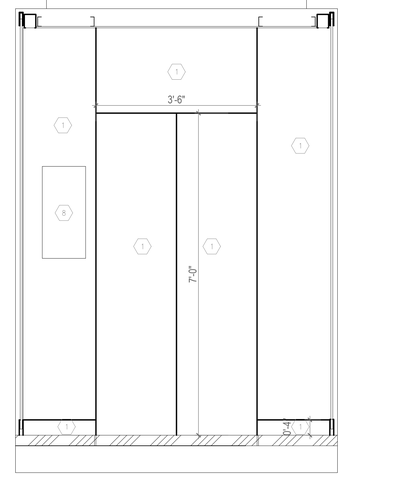
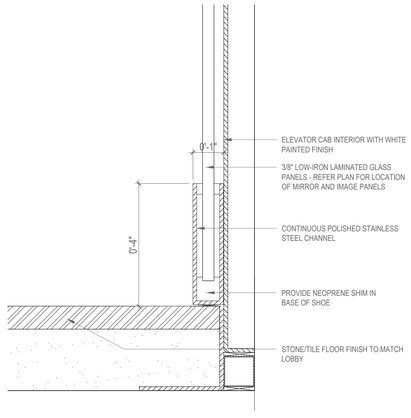


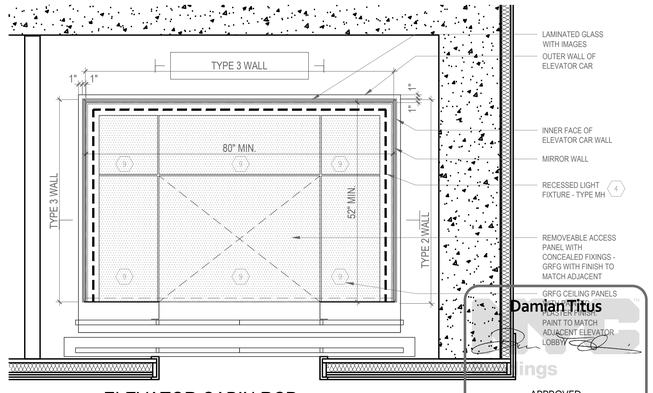
5 SECTION
SCALE: 3/4" =1'-0"

LEGEND

1. SATIN FINISH STAINLESS STEEL
2. PROGRESSIVE SANDBLASTED MIRROR
3. CLEAR LOW-IRON LAMINATED PVB GLASS WITH CUSTOM IMAGES
4. LIGHT FIXTURE - TYPE MH
5. FLOORING - STONE / TILE TO MATCH ADJACENT LOBBY
6. MIRROR
7. NOT USED
8. CAR OPERATING PANEL - STAINLESS STEEL FINISH
9. GFRG CEILING PANELS WITH PAINTED PLASTER FINISH
10. STAINLESS STEEL - MIRROR POLISHED FINISH



9 DETAIL
SCALE: 6" =1'-0"



8 ELEVATOR CABIN RCP
SCALE: 3/4" =1'-0"

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APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:02 AM
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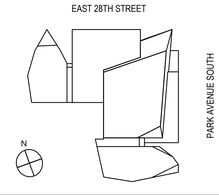
NO.	DATE	ISSUANCE
2	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
⚠	07.12.12	ASI 011
3	08.03.12	DOB ISSUE

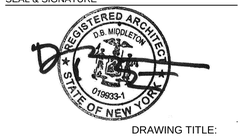
KEY PLAN



SCALE:

PROJECT NO: 874

SEAL & SIGNATURE



DRAWING TITLE:

ELEVATOR CABS

DRAWING NO:

A-718-00

NYC DOB NO: 121181808

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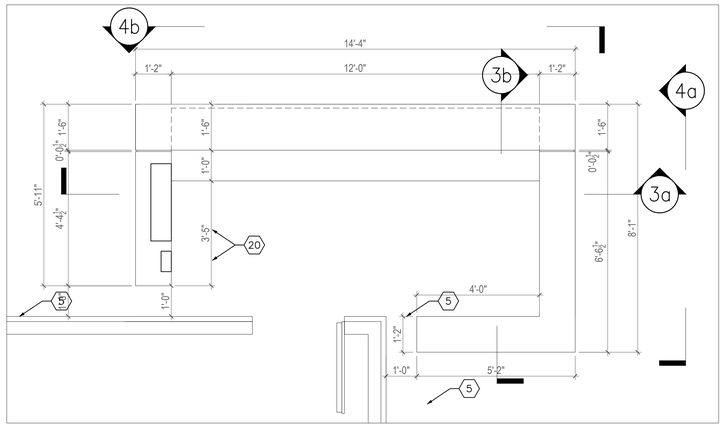
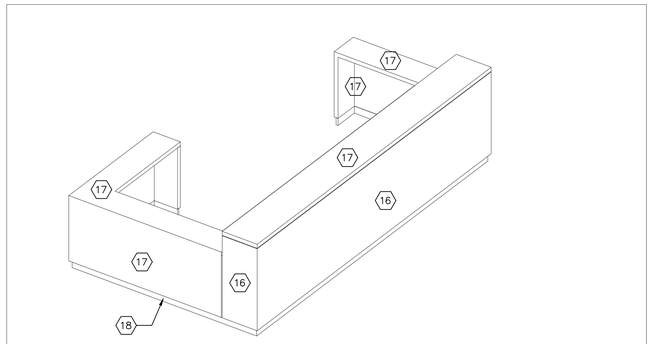
DEPT OF BLDGS121181808 Job Number
ES6176071192 Scan Code

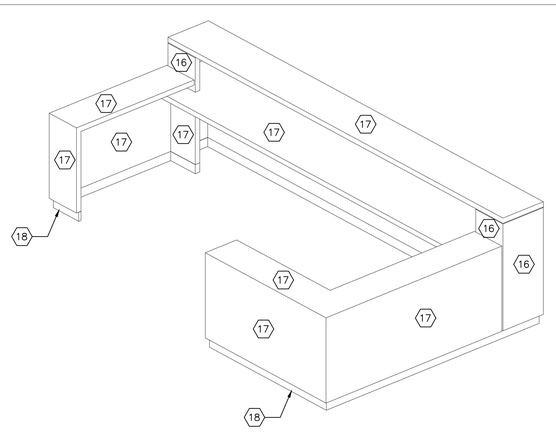


2 CONCIERGE DESK PLAN

SCALE: 1/2" = 1 ' – 0 "



9 CONCIERGE DESK AXON 2



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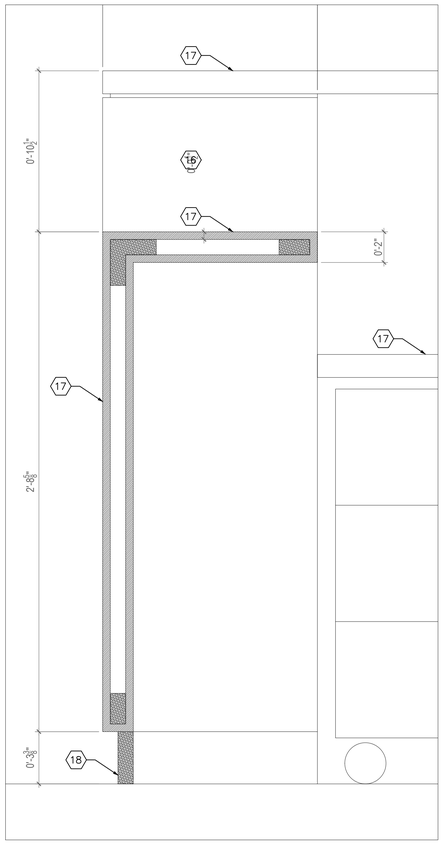

6 CONCIERGE DESK SECTIONS

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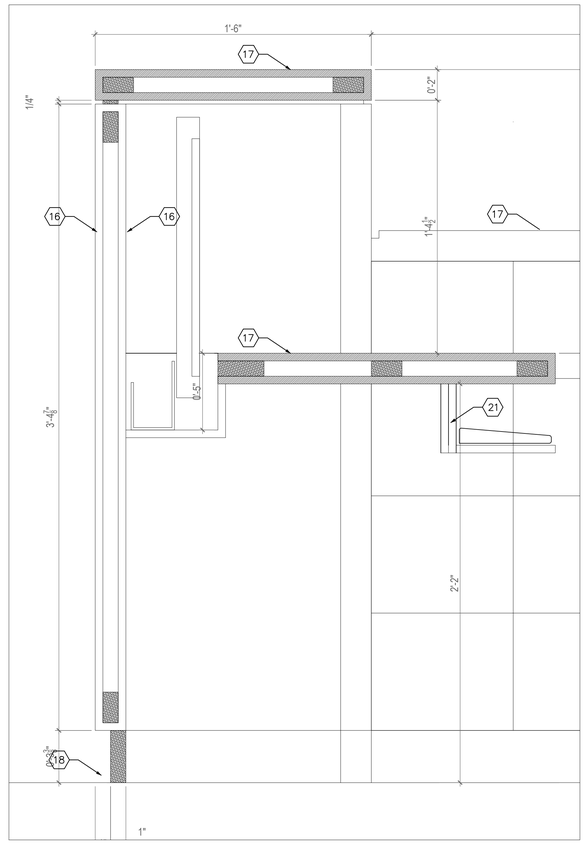

7 CONCIERGE DESK SECTIONS

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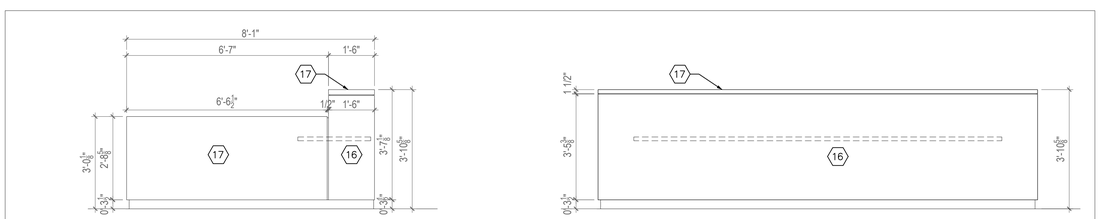

4a 4b

4 CONCIERGE DESK ELEVATIONS

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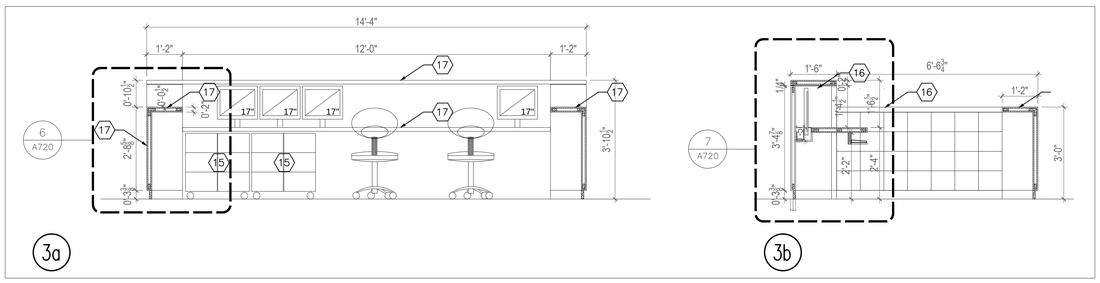

3a 3b

3 CONCIERGE DESK SECTIONS

SCALE: 1/2" = 1 ' – 0 "

SHEET NOTES

1. ST-25 : STONE PANELS
5. WD-6 : ¾" MDF CLADDING PANELS WITH VENEER ON ALL EXPOSED SURFACES
15. DRAWER FURNITURE
16. WD-6 : ¾" MDF BOARDS CONSTRUCTION WITH VENEER ON ALL EXPOSED SURFACES
17. CI-1 : CORIAN ½"
18. BASE : METAL BOARD, PAINTED MATT BLACK
20. FIRE DEPT. EQUIP. STORAGE CABINET – REF. PLAN FP-101
21. MOVEABLE KEYBOARD TRAY

NOTES

1. THE FURNITURE HAS TO BE BUILT WITH VENEER MDF PANELS

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Under Directive 2 of 1975
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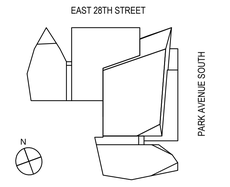
NO.	DATE	ISSUANCE
	11.01.2011	PLAN REVISIONS
	1.18.2012	PROGRESS
2	05.15.12	80% CDS / GMP SET
3	08.03.12	DOB ISSUE

KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:

CONDO LOBBY
CONCIERGE DESK

DRAWING NO:

A-720.00

NYC DOB NO:

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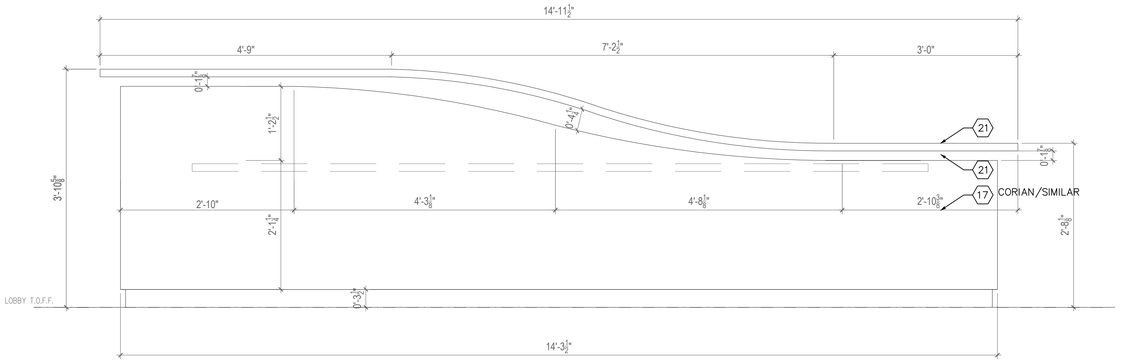
DEPT OF BLDGS121181808 Job Number
ES4789702A3 Scan Code



6 SECTION @RECEPTION DESK
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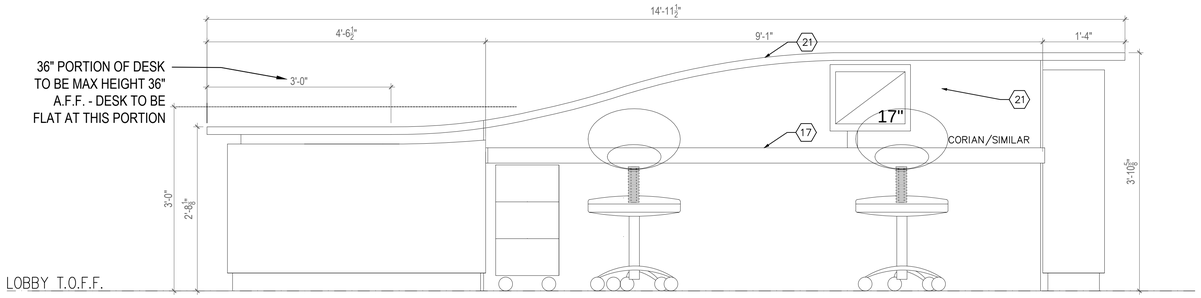

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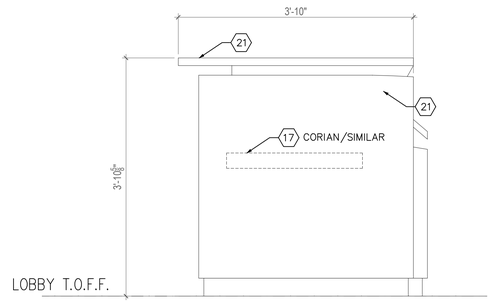

4 SECTION @RECEPTION DESK
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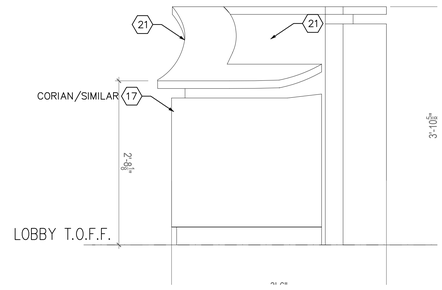

5 SECTION @RECEPTION DESK
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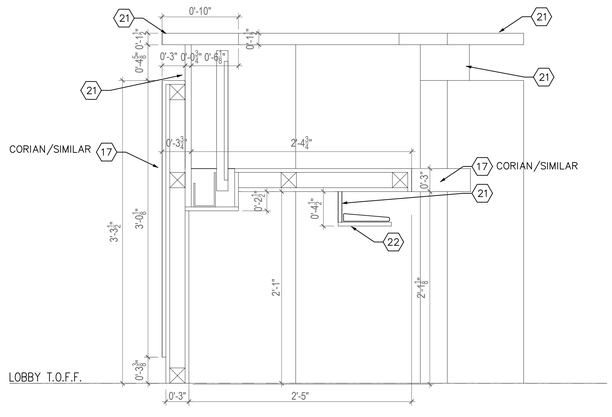
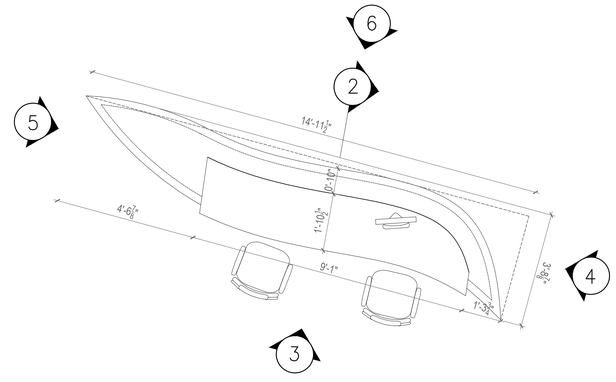


2 SECTION @RECEPTION DESK
SCALE: 1 1/2"= 1'-0"



1 PLAN @RECEPTION-DESK
SCALE: 1/2"= 1'-0"

SHEET NOTES

1. ST-25 : STONE PANELS
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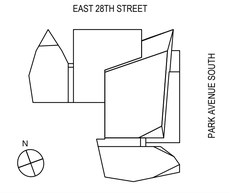
KEY PLAN



SCALE: 1/8"=1'-0"
PROJECT NO: 874
SEAL & SIGNATURE

REGISTERED ARCHITECT
D.B. MIDDLETON
019933-1
STATE OF NEW YORK

DRAWING TITLE:
RENTAL LOBBY
RECEPTION DESK

DRAWING NO:
A-721.00

NYC DOB NO: 121181808

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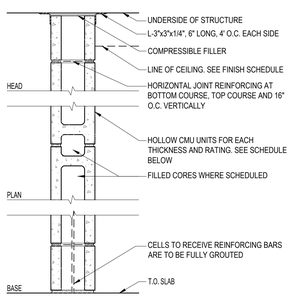
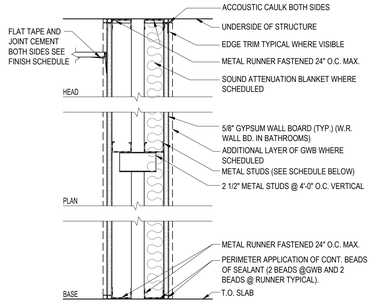
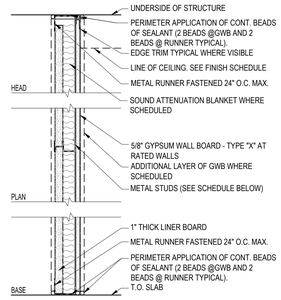
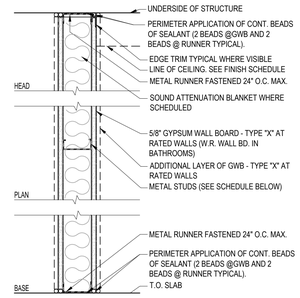
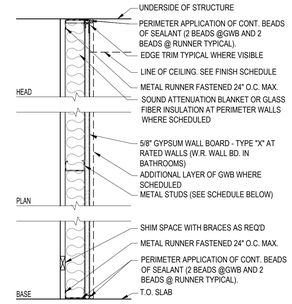
DEPT OF BLDGS121181808 Job Number
ES/5Z1E3695 Scan Code











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C40	4" / 3 5/8" / 3 5/8"	N/A	NON-LOAD BEARING
C60	6" / 5 5/8" / 5 5/8"	10'-6" / N/A	NON-LOAD BEARING
C80	8" / 7 5/8" / 7 5/8"	N/A	NON-LOAD BEARING
C100	10" / 9 5/8" / 9 5/8"	20'-6" / N/A	NON-LOAD BEARING
C120	12" / 11 5/8" / 11 5/8"	24'-0" / N/A	NON-LOAD BEARING

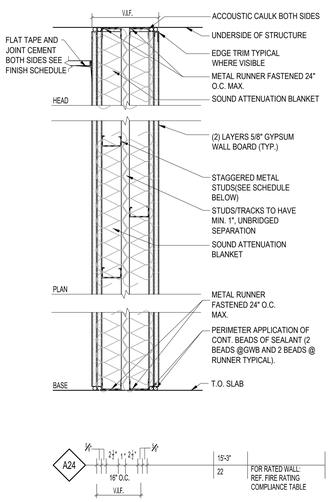
TYPE	STUD SIZE / SPACING / WIDTH	MAX. HEIGHT / GAUGE	REMARKS
P12	3 5/8" / 16" O.C.	13'-3" / 25	--
P14	3 5/8" / 16" O.C.	14'-6" / 25	--
P22	3 5/8" / 16" O.C.	17'-6" / 25	--
P24	3 5/8" / 16" O.C.	19'-0" / 25	--
P32	3 5/8" / 16" O.C.	22'-6" / 25	--
P33	3 5/8" / 16" O.C.	22'-6" / 25	--
P34	3 5/8" / 16" O.C.	23'-6" / 25	--

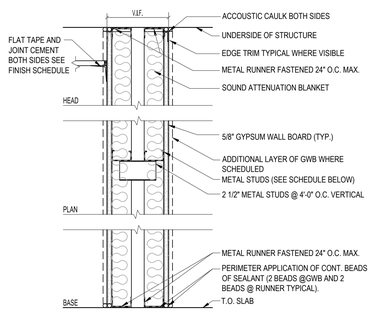
VARIES-24"MAX

TYPE	STUD SIZE / SPACING / WIDTH	MAX. HEIGHT / GAUGE	FIRE RATING / TEST DESIGN	REMARKS
S21	1" / 24"O.C.	14'-0" / 20	1 HOUR / UL U469	REF. FIRE RATING COMPLIANCE TABLE
S22	1" / 24"O.C.	*15'-3" / 20	2 HOUR / UL U438/ U467	*VERIFY AT ELEV. CORES REF. FIRE RATING COMPLIANCE TABLE
S41	1" 4" / 24"O.C.	17'-6" / 20	1 HOUR / UL U438/ U467	REF. FIRE RATING COMPLIANCE TABLE
S42	1" 4" / 24"O.C.	*18'-2" / 20	2 HOUR / UL U438/ U467	*VERIFY AT ELEV. CORES REF. FIRE RATING COMPLIANCE TABLE
S62	1" 6" / 24"O.C.	*25'-1" / 20	2 HOUR	*VERIFY AT ELEV. CORES REF. FIRE RATING COMPLIANCE TABLE

TYPE	STUD SIZE / SPACING / WIDTH	MAX. HEIGHT / GAUGE	REMARKS
W22	3 5/8" / 16" O.C.	12'-6" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE
W23	3 5/8" / 16" O.C.	12'-6" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE
W24	3 5/8" / 16" O.C.	13'-6" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE
W32	3 5/8" / 16" O.C.	16'-0" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE
W33	3 5/8" / 16" O.C.	16'-0" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE
W34	3 5/8" / 16" O.C.	16'-9" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE
W62	6" / 16" O.C.	20'-0" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE
W63	6" / 16" O.C.	20'-0" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE
W64	6" / 16" O.C.	20'-0" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE

TYPE	SHIM SPACE / STUD SIZE / SPACING / WIDTH	MAX. HEIGHT / GAUGE	REMARKS
F01	VARIES / 3 5/8" / 16" O.C.	NA / 25	
F02	VARIES / 3 5/8" / 16" O.C.	NA / 25	
F11	VARIES / 3 5/8" / 16" O.C.	8'-3" / 25	
F12	VARIES / 3 5/8" / 16" O.C.	8'-3" / 25	
F21	VARIES / 3 5/8" / 16" O.C.	11'-0" / 25	
F22	VARIES / 3 5/8" / 16" O.C.	11'-0" / 25	
F31	VARIES / 3 5/8" / 16" O.C.	14'-6" / 25	
F32	VARIES / 3 5/8" / 16" O.C.	14'-6" / 25	
F61	VARIES / 6" / 16" O.C.	20'-0" / 25	
F62	VARIES / 6" / 16" O.C.	20'-0" / 25	





TYPE	SIZE / WIDTH	HEIGHT	REMARKS
A24	2 1/2" + 2 1/2" / 16" O.C. V.I.F.	15'-3" / 22	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE

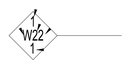
TYPE	STUD SIZE / SPACING / WIDTH	MAX. HEIGHT / GAUGE	REMARKS
W12	VARIES / 3 5/8" / 16" O.C. V.I.F.	13'-3" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE
W14	VARIES / 3 5/8" / 16" O.C. V.I.F.	14'-6" / 25	FOR RATED WALL: REF. FIRE RATING COMPLIANCE TABLE

NOTE:
AT ALL KITCHEN WALLS TO RECEIVE WALL CABINETS, PROVIDE 16 guage STEEL STUDS AT 16"O.C.

GENERAL PARTITION NOTES

1. TYPICAL STUD DEFLECTION SHALL BE L/240.
2. PARTITIONS SHALL REST DIRECTLY UPON THE CONCRETE FLOOR CONSTRUCTION AND MAY EXTEND TO THE CONCRETE CONSTRUCTION OF THE FLOOR OR ROOF ABOVE.
3. INCREASE GAUGE THICKNESS OR DECREASE STUD SPACING AS REQUIRED TO MEET DEFLECTION CRITERIA AND WHERE LIMITING HEIGHTS ARE EXCEEDED.
4. PARTITIONS THAT RECEIVE TILE, GLASS, OR SUPPORT WALL HUNG EQUIPMENT SHALL HAVE A MAXIMUM DEFLECTION OF L/360.
5. FOR STEEL VERTICAL REINFORCING SPACING SEE STRUCTURAL DRAWINGS.
6. ALL PARTITIONS ARE CONSTRUCTED OF STUDS UNLESS DESIGNATED OTHERWISE.
7. ALL FIRE RATED PARTITIONS SHALL HAVE FIRE RATED TYPE "X" GYP. BD.
8. ALL TOILETS, MECHANICAL ROOMS, WET COLUMNS AND SIMILAR WET AREAS SHALL HAVE WATER RESISTANT GYP. BD.
9. ALL DRYWALL USED IN FURRING OF EXTERIOR WALL SHOULD BE MOISTURE & MOLD RESISTANT BOARD, TYPICAL.
10. PROVIDE CONTINUOUS 2 HOUR RATED SHAFT WALL AT ALL SLAB OPENINGS INCLUDING, BUT NOT LIMITED TO, ELEVATOR SHAFTS, DUCT SHAFTS, OPEN (NON-SLEEVED) PIPE CHASES AND AS INDICATED ON THE FLOOR PLANS.
11. PROVIDE CONTINUOUS 2 HOUR RATED WALL AT ALL STAIRS AND AS INDICATED ON FLOOR PLANS.
12. PROVIDE 2-HOUR HORIZONTAL SHAFT WALL FOR ALL SHAFTS THAT DO NOT CONTINUE TO THE NEXT LOWER LEVEL AND WHERE SHAFT WALL DOES NOT ALIGN FROM FLOOR TO FLOOR.
13. PROVIDE CONTINUOUS 2 HOUR RATED SHAFT WALL AT TRASH CHUTE.
14. ALL WOOD USED IN PARTITIONS SHALL BE FIRE RETARDANT TREATED.
15. FOR STUD SIZES AT EXTERIOR WALLS SEE EXTERIOR WALL SECTIONS AND DETAILS.
16. SEE FIRE SEPARATION & EGRESS PLANS FOR EXTENT OF FIRE RATED PARTITIONS.
17. PROVIDE NECESSARY BACKING FOR ALL WALL MOUNTED ITEMS INDICATED ON FLOOR PLANS, ELEVATIONS AND SPECIFICATIONS.
18. CM TO COORDINATE APPLICATION OF CONTINUOUS INSULATION & VAPOR BARRIER, TYPICAL.
19. VERIFY CONTINUITY OF ALL FIRE RATED ASSEMBLIES.
20. COORDINATE LOCATION OF STUDS W/EXPOSED FASTENERS @ ALL FIBER CEMENT FINISHED PARTITIONS- SEE DETAILS - PROVIDE METAL GROUNDS AS REQUIRED
21. ALL DRYWALL PARTITIONS AND FURRING AND SOFFITS IN AN EXTERIOR ENVIRONMENT SHALL RECEIVE 5/8" DENSE SHIELD FIREGUARD (TYPE "X", WHERE SCHEDULED), FINISH BOARD. WITH A SUBLAYER OF 5/8" DENSE ARMOR PLUS FIREGUARD C, WHERE REQUIRED TO MEET FIRE RATINGS. SEE PLANS.

LEGEND



MODIFIERS

1. PARTITION INCLUDES BATT INSULATION. MATCH THICKNESS TO STUD SIZE.
2. PARTITION INCLUDES BATT INSULATION AND MOLD RESISTANT GWB.
3. PARTITION INCLUDES MOLD-RESISITANT GWB.
4. PARTITION INCLUDES ABUSE-RESISTANT GWB.
5. 22 GAUGE STUD

PARTITION TABLE

PARTITION TYPE	CERTIFICATION TYPE	COMPLIANCE NUMBER	STC RATING
P11 NON-RATED FURRING WALL	UL # / MEA #		
P21 NON-RATED FURRING WALL	UL # / MEA #		
P31 NON-RATED FURRING WALL	UL # / MEA #		
P12 NON-RATED FURRING WALL	UL # / MEA #		
P22 NON-RATED FURRING WALL	UL # / MEA #		
P32 NON-RATED FURRING WALL	UL # / MEA #		
P01 NON-RATED FURRING WALL	UL # / MEA #		
P91 NON-RATED FURRING WALL	UL # / MEA #		
W14 1 HOUR STUD WALL	UL # / MEA #	U 458	
W22 NON-RATED STUD WALL	UL # / MEA #	81-98-M	34
W24 1 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	52
W26 2 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	
W24 2 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	52
W22 NON-RATED STUD WALL	UL # / MEA #		
W22 NON-RATED STUD WALL	UL # / MEA #		47
W22 1 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	
W24 1 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	57
W24 2 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	57
W26 2 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	
W62 NON-RATED STUD WALL	UL # / MEA #		
W62 NON-RATED STUD WALL	UL # / MEA #		
W63 NON-RATED STUD WALL	UL # / MEA #		
W64 NON-RATED STUD WALL	UL # / MEA #		53-54
W62 1 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	
W64 2 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	
W64 2 HOUR STUD WALL	UL # / MEA #	U 419 / 81-98-M	53-54
S22 2 HOUR SHAFT WALL	UL # / MEA #	U 428	
S42 2 HOUR SHAFT WALL	UL # / MEA #	U 428	
P22 CHASE WALL	UL # / MEA #		
P22 CHASE WALL	UL # / MEA #		55
P22 1 HOUR CHASE WALL	UL # / MEA #	U420 or U444	55
P24 1 HOUR CHASE WALL	UL # / MEA #	U420 or U444	58-60
P24 2 HOUR CHASE WALL	UL # / MEA #	U420 or U444	58-60
P32 NON-RATED CHASE WALL	UL # / MEA #		57
P33 NON-RATED CHASE WALL	UL # / MEA #		
P34 2 HOUR CHASE WALL	UL # / MEA #	U420 or U444	60-62
C80 NON-RATED CMU WALL	UL # / MEA #		52
C60 2 HOUR CMU WALL	UL # / MEA #	U906	
C80 2 HOUR CMU WALL	UL # / MEA #	U905 / 1-74-M	52
C80 3 HOUR CMU WALL	UL # / MEA #	U904	52
C10 2 HOUR CMU WALL	UL # / MEA #	U905	

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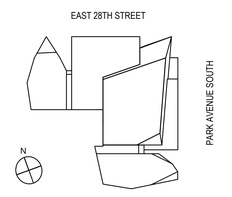
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
1	07.23.12	ASI 014

KEY PLAN



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PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
PARTITION TYPES

DRAWING NO:
A801.00

NYC DOB NO: 121181808

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DEPT OF BLDGS121181808 Job Number
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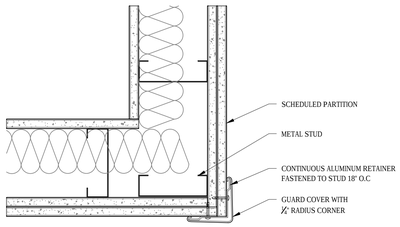

15 SURFACE MOUNTED CORNER GUARD
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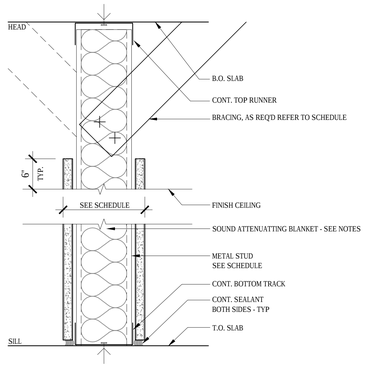

12 BRACED PARTITION DETAIL
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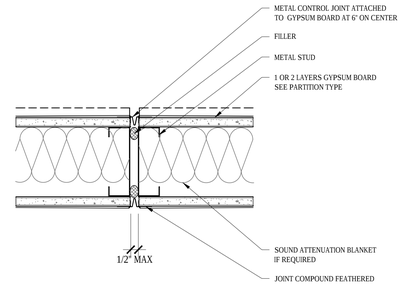

8 NON-RATED PARTITION CONTROL JOINT DETAIL
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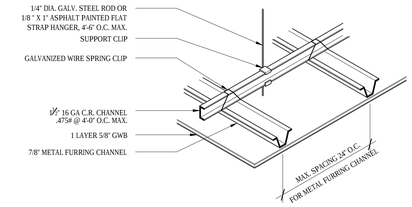
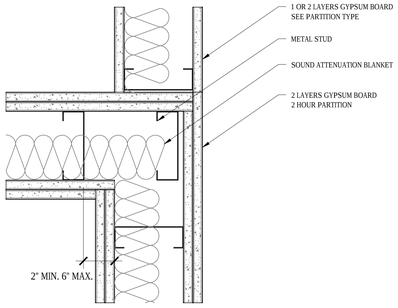


4 GYPSUM WALLBOARD HUNG CEILING DETAILS
NTS



14 DRYWALL INTERSECTION - 2HR TO 1HR/NON-RATED
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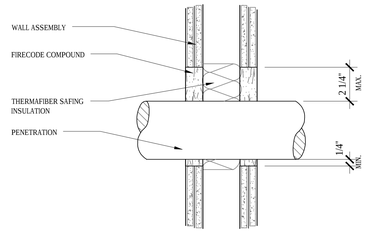

11 PARTITION PENETRATION DETAIL
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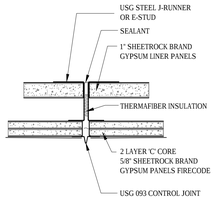

7 SHAFT WALL CONTROL JOINT DETAIL
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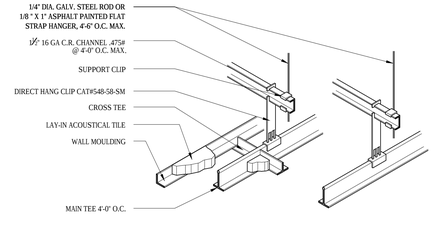
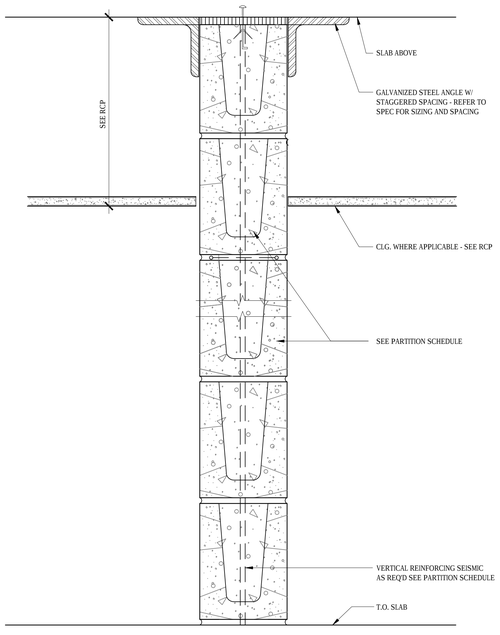


3 TYP. LAY-IN ACOUSTICAL TILE CEILING DETAIL
NTS SEE FINISH SCHEDULE



13 INTERIOR CMU WALL
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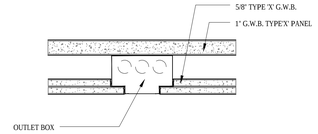

10 FIRE RATED PARTITION CUT-OUT DETAILS
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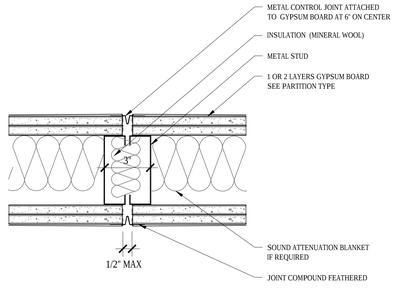

9 RATED PARTITION CONTROL JOINT DETAIL
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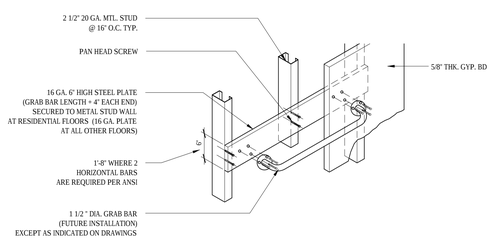
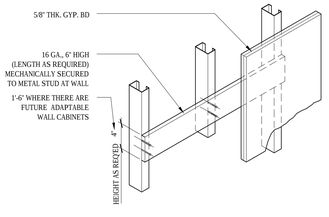
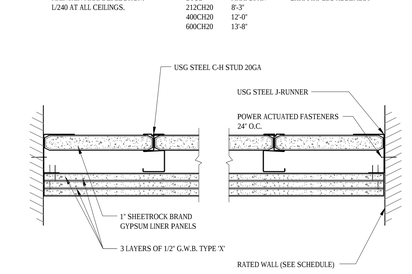


PLATE DETAIL FOR FUTURE & ACTUAL GRAB BAR INSTALLATION AT METAL STUD WALL
6
NTS SEE BATHROOM ELEVATION FOR LOCATION



5 TYPICAL GROUND DETAIL FOR ALL ITEMS TO BE ANCHORED ON DRYWALL PARTITION
NTS



2 RATED CEILING DETAIL
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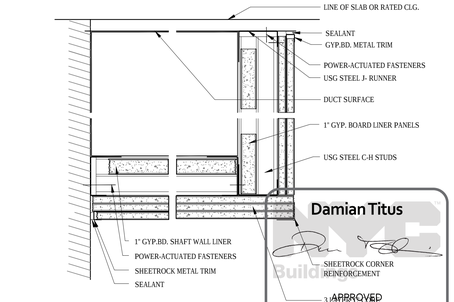

1 SECTION AT HORIZ. DUCT FIRE PROTECTION
Scale: 3"=1'-0"

Damian Titus
APPROVED
Under Directive 14 of 1975
Date/Time: Aug 30, 2012 – 10:02 AM
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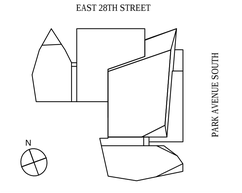
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE:
PROJECT NO: 874
SEAL & SIGNATURE

DRAWING TITLE:
PARTITION AND CEILING DETAILS

DRAWING NO:
A-802.00

NYC DOB NO: 121181808

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DEPT OF BLDGS 121181808 Job Number
ES2986395552 Scan Code

TYPICAL RESIDENTIAL FLOOR DOOR SCHEDULE

	NO.	BETWEEN ROOMS	FRAME					DOOR					FIRE RTG	HWR. SET	REMARKS
			MATL.	WALL TYPE	DETAIL			TYPE	WIDTH	HEIGHT	THICK.	MATL.			
					JAMB	SILL	HEAD								
	R01	APT. ENTRANCE / CORRIDOR	MTL	W24	J2	S8	H2	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	1	PROVIDE STONE SILL. SEE HARDWARE SCHEDULE FOR SEAL.
	R02	BEDROOM	MTL	W22	J1	S2	H1	A	2'-11"	7'-0"	0'-1 3/4"	WD	NR	4	PROVIDE WOOD DOOR SILL
	R03	BATHROOM	MTL	W22	J1	S4	H1	A	2'-11"	7'-0"	0'-1 3/4"	WD	NR	2H	PROVIDE STONE SILL . ALL DOORS TO BE ROUTED AT BOTTOM TO RECEIVE DOOR BOTTOM SEAL AS SPECIFIED. CM TO COORDINATE LOCATIONS WHERE SEAL SHALL BE INSTALLED.
	R04	CLOSET	MTL	W22	J1	S2	H1	A	2'-11"	7'-0"	0'-1 3/4"	WD	NR	3B	
	R05	CLOSET	MTL	W22	J1	S2	H1	A	2'-6"	7'-0"	0'-1 3/4"	WD	NR	3B	
	R06	CLOSET (PAIR)	MTL	W22	J1	S2	H1	B	(2) 2'-0"	7'-0"	0'-1 3/4"	WD	NR	11	
	R07	CLOSET (PAIR)	MTL	W22	J1	S2	1H	B	(2) 2'-6"	7'-0"	0'-1 3/4"	WD	NR	11	
	R08	WASHER/ DRYER CLOSET	MTL	W22	J1	S4	1H	A	2'-11"	7'-0"	0'-1 3/4"	WD	NR	3B	PROVIDE STONE SILL
	R09	WASHER/ DRYER CLOSET	MTL	W22	-	S4	-	-	-	7'-0"	0'-1 3/4"	WD	NR	7	POCKET DOOR WITH HAFELE HAWA-CONCEPTA HARDWARE AND STONE SILL. SEE DETAIL 1/A530,
	R10	WASHER/ DRYER CLOSET (PAIR)	MTL	W22	J1	S2	H1	B	(2) 2'-6"	7'-0"	0'-1 3/4"	WD	NR	11	PROVIDE STONE SILL
	R11	TERRACE	EXT	-	-	-	-	-	-	-	-	-	-	8	
	R12	TRASH ROOM	MTL	W24	J2	S1	H2	A	TBD	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	3C	PROVIDE STONE SILL
	R13	ELECTRICAL CLOSET	MTL	W24	J2	S5	H2	B	(2) 3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	6	PROVIDE STONE SILL
	R14	MECHANICAL ROOF ACCESS	EXT	-	-	-	-	-	-	-	-	-	-	-	
	R15	STAIR	MTL	W24	J2	S5	H2	A	TBD	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	3	PROVIDE STONE SILL
	DOORS R21 THROUGH R33 ARE AT FLOORS 23-40 - SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION.														
	R21	APT. ENTRANCE / CORRIDOR	MTL	W24	J2	S8	H2	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	1A	PROVIDE STONE SILL
	R22	BEDROOM	MTL	W22	J1	S2	H1	A	2'-11"	7'-0"	0'-1 3/4"	WD	NR	4A	PROVIDE WOOD DOOR SILL
	R23	BATHROOM	MTL	W22	J1	S4	H1	A	2'-11"	7'-0"	0'-1 3/4"	WD	NR	4G	PROVIDE STONE SILL . DOOR TO HAVE DROPPED SEAL
	R24	CLOSET	MTL	W22	J1	S2	H1	A	2'-11"	7'-0"	0'-1 3/4"	WD	NR	3C	
	R25	CLOSET	MTL	W22	J1	S2	H1	A	2'-6"	7'-0"	0'-1 3/4"	WD	NR	3C	
	R26	CLOSET (PAIR)	MTL	W22	J1	S2	H1	B	(2) 2'-0"	7'-0"	0'-1 3/4"	WD	NR	11A	
	R27	CLOSET (PAIR)	MTL	W22	J1	S2	1H	B	(2) 2'-6"	7'-0"	0'-1 3/4"	WD	NR	11A	
	R28	WASHER/ DRYER CLOSET	MTL	W22	J1	S4	1H	J	2'-11"	7'-0"	0'-1 3/4"	WD	NR	3C	PROVIDE STONE SILL
	R29	NOT USED													
	R30	WASHER/ DRYER CLOSET (PAIR)	MTL	W22	J1	S4	H1	J	(2) 2'-6"	7'-0"	0'-1 3/4"	WD	NR	5A	PROVIDE STONE SILL
	R31	NOT USED													
	R32	TRASH ROOM	MTL	W24	J2	S1	H2	TBD	TBD	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	3E	PROVIDE STONE SILL
	R33	ELECTRICAL CLOSET	MTL	W24	J2	S5	H2	B	(2) 3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	6A	PROVIDE STONE SILL
△	R34	BATHROOM (REVERSIBLE)	MTL	W22	J1	S4	H1	A	2'-11"	7'-0"	0'-1 3/4"	WD	NR	4E	PROVIDE STONE SILL. DOOR TO HAVE DROPPED SEAL
△	R35	BEDROOM (REVERSIBLE)	MTL	W22	J1	S2	H1	A	2'-11"	7'-0"	0'-1 3/4"	WD	NR	4E	PROVIDE WOOD DOOR SILL

DOOR SCHEDULE

	NO.	BETWEEN ROOMS	FRAME					DOOR					FIRE RTG	HWR. SET	REMARKS
			MATL.	WALL TYPE	DETAIL			TYPE	WIDTH	HEIGHT	THICK.	MATL.			
					JAMB	SILL	HEAD								
SUB-CELLAR	SC01	ELEVATOR LOBBY TO TRASH ROOM VESTIBULE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2B	
	SC02	VESTIBULE TO TRASH ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2C	
	SC03	ELEVATOR LOBBY TO WALK-IN PIT	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2	
	SC04	ELEVATOR LOBBY TO WALK-IN PIT	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2	
	SC05	CORRIDOR TO BOILER ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2A	
	SC06	CORRIDOR TO BOILER ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2A	
	SC07	CORRIDOR TO TENANT STORAGE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	E1	
	SC08	CORRIDOR TO MAINTENANCE SHOP	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	5	
	SC09	CORRIDOR TO LOCKER ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	45 MIN. F.P.S.C.	5A	
	SC10	LOCKER ROOM	MTL	C80	H4	-	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4B	
	SC11	LOCKER ROOM	MTL	C80	H4	-	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4B	
	SC12	CORRIDOR TO STAIR 3	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	3F	
	SC13	CORRIDOR TO BIKE STORAGE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	E1	
	SC14	CORRIDOR TO STORAGE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	E1	
	SC15	CORRIDOR TO POOL FILTER ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	E1	
	SC16	SWITCHGEAR ROOM TO CORRIDOR	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	10	
	SC17	SWITCHGEAR ROOM TO CORRIDOR	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	9	
	SC18	CORRIDOR TO STAIR	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	5B	
	SC19	CORRIDOR TO STORAGE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2	
	SC20	CORRIDOR TO STORAGE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2	
	SC21	CORRIDOR TO BMS ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2	
	SC22	BMS ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	E1	
	SC23	STORAGE TO PUMP ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	E1	
	SC24	ELECTRICAL CLOSET	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	E1	
CELLAR	C01	CORRIDOR TO LEASING OFFICE	MTL	F11+ C80	H6	S6	J6	A	2 @ 3'-0"	7'-0"	0'-1 3/4"	HM+ GLASS	90 MIN. F.P.S.C.	12	
	C02	LEASING OFFICE TO OFFICE	GLASS	-	-	-	-	E	3'-0"	7'-0"	-	GLASS	-	12A	
	C03	CORRIDOR	MTL	F11+ C80	H6	S6	J6	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	5B	ST-16 STONE SILL
	C04	CORRIDOR TO LAUNDRY ROOM	MTL	F11+ C80	H6	S9	J6	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	5C	ST-16 STONE SILL
	C05	CORRIDOR TO BATHROOM	MTL	W22	H1	S1	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4D	ST-16 STONE SILL
	C06	CORRIDOR TO BATHROOM	MTL	W22	H1	S1	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4D	ST-16 STONE SILL
	C07	CORRIDOR TO MECHANICAL CORRIDOR	MTL	C80	H5	S10	J5	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2D	ST-16 STONE SILL
	C08	CORRIDOR TO GAS METER ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2	
	C09	CORRIDOR TO FIRE PUMP ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2	
	C10	CORRIDOR TO WATER PUMP ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2	
	C11	CLUB TO VIRTUAL GOLF ROOM	-	-	-	S6	-	-	-	-	-	-	-	-	SLIDING GLASS DOOR: NANA WALL HSW60
	C12	CLUB TO PANTRY	MTL	W22	H1	S6	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	5J	ST-16 STONE SILL
	C13	PANTRY TO MEETING ROOM	MTL	W22	H1	S6	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	5J	ST-16 STONE SILL
	C14	CLUB TO MEETING ROOM	MTL	W22	H1	S6	J1	B	2 @ 3'-0"	7'-0"	0'-1 3/4"	HM	-	13	
	C15	MEETING ROOM TO OUTDOOR GARDEN	-	-	-	-	-	B	2 @ 3'-0"	-	-	-	-	15	EXTERIOR DOORS
	C16	CLUB TO OUTDOOR GARDEN	-	-	-	-	-	A	3'-0"	-	-	-	-	14	EXTERIOR DOORS
	C17	CLUB TO THEATER	MTL	-	H2	S6	J2	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	5D	ACOUSTIC DOOR AS SPECIFIED. ST-16 STONE SILL.
	C18	CLUB TO THEATER	MTL	-	H2	S6	J2	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	5D	ACOUSTIC DOOR AS SPECIFIED. . ST-16 STONE SILL
	C19	BAR STORAGE CLOSET	MTL	H1	S6	J1	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	2E	ST-16 STONE SILL
	C20	CORRIDOR TO CLUB	MTL	C80	H6 SIM	S6	J6 SIM	F	2 @ 3'-0"	7'-0"	-	GLASS	90 MIN. F.P.S.C.	19	ST-16 STONE SILL
	C21	ELEVATOR LOBBY YO CORRIDOR	MTL	C80	H6 SIM	S6	J6 SIM	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	X	ST-16 STONE SILL
	C22	CORRIDOR TO STAIR	MTL	C08	H5 SIM	S6	J5 SIM	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	3	ST-16 STONE SILL
	C23	LAP POOL TO CLUB	GLASS	-	-	S3 SIM	-	E	3'-0"	7'-0"	-	GLASS	90 MIN. F.P.S.C.	18	ST-16 STONE SILL. PANIC HARDWARE
	C24	GYM TO CORRIDOR	MTL	C80	H6 SIM	S6	J6 SIM	E	3'-0"	7'-0"	0'-1 3/4"	HM	-	18	ST-16 STONE SILL. PANIC HARDWARE
	C25	GYM TO LOCKER	GLASS	-	-	-	-	E	3'-0"	7'-0"	-	GLASS	-	18	
	C26	WOMENS LOCKER	MTL		H1	S6	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	5C	ST-16 STONE SILL
	C27	WOMENS LOCKER BATHROOM	MTL	W22	H1	-	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4E	NO SILL - CONTINUE TILE THROUGH THRESHOLD - TYPICAL AT LOCKER ROOM/ LOCKER ROOM CORRIDOR , UON.
	C28	WOMENS LOCKER BATHROOM	MTL	W22	H1	-	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4E	
	C29	WOMENS LOCKER SHOWER	MTL	W22	H1	-	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4E	
	C30	SAUNA	MTL	W22	H1	-	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	5J	
	C31	LAP POOL TO LOCKER CORRIDOR	MTL	W22	H1	-	J1	B	6'-0"	7'-0"	0'-1 3/4"	HM	-	E2	
	C32	STEAM ROOM	MTL	W22	H1	-	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	5J	
	C33	MENS LOCKER	MTL	W22	H1	S6	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	5E	
	C34	MENS LOCKER BATHROOM	MTL	W22	H1	-	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4E	
	C35	MENS LOCKER SHOWER	MTL	W22	H1	-	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4E	
	C36	GYM TO YOGA	GLASS	-	-	S2	-	F	6'-0"	7'-0"	-	GLASS	-	19	WOOD SILL TO MATCH YOGA ROOM FLOORING.
	C37	GYM TO STAIR 4	MTL	W24	H1	SS SIM	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	3	STONE SILL ST-16
	C38	VESTIBULE TO KIDS ROOM	GLASS	-	-	S6	-	F	6'-0"	7'-0"	-	GLASS	-	19	STONE SILL ST-16
	C39	KIDS ROOM TO BATHROOM	MTL	W22	H1	S6	J1	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	4E	STONE SILL ST-16
	C40	CORRIDOR TO HEAT EXCHANGE ROOM	MTL	C80	H5	SS SIM	J5	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.	2D	STONE SILL ST-16
	C41	ELEVATOR LOBBY TO STORAGE	MTL	C80	H5	-	J5	A	3'-0"	7'-0"	0'-1 3/4"	HM	-	2D	NO SILL. CONTINUE STONE FLOOR THROUGH THRESHOLD
	C42	EMR ROOM AT MTA ENTRANCE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	TBD	TBD	CM TO COORDINATE THIS DOOR WITH THE MTA REQUIREMENTS AND SPECIFICATIONS.

	NO.	BETWEEN ROOMS	FRAME					DOOR					FIRE RTG	HWR. SET	REMARKS
			MATL.	WALL TYPE	DETAIL			TYPE	WIDTH	HEIGHT	THICK.	MATL.			
					JAMB	SILL	HEAD								
GROUND FLOOR	101	RENTAL LOBBY ENTRANCE	EXT	-	-	-	-	-	-	-	-	-	-		REVOLVING DOOR - REFER TO A330 A400, A410 AND A454
	102	RENTAL LOBBY ENTRANCE	EXT	-	-	-	-	-	-	-	-	-	-		REFER TO DRAWING A330, A410 & A454 FOR DETAILS
	103	ELEVATOR LOBBY TO SERVICE	MTL	W24	H2	S6	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	104	SERVICE TO PACKAGE ROOM	MTL	W24	H2	S6	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	105	NOT USED													
	106	STORAGE	MTL	C80	H4	S7	J4	B	2 @ 3'-0"	7'-0"	0'-1 3/4"	HM	120 MIN. F.P.S.C.		
	107	POWDER ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	108	SERVICE	MTL	C80	H4	S6	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	109	STAIR 1	MTL	W24	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	110	SERVICE	EXT	-	-	-	-	-	-	-	-	-	90 MIN. F.P.S.C.		REFER TO DRAWING A331 & A419 FOR DETAILS
	111	STAIR 4	EXT	-	-	-	-	-	-	-	-	-	90 MIN. F.P.S.C.		REFER TO DRAWING A330 & A419 FOR DETAILS
	112	RETAIL 1 LOBBY ENTRANCE	EXT	-	-	-	-	-	-	-	-	-	-		REFER TO DRAWING A331 & A450 FOR DETAILS
	113	STAIR 2	MTL	W24	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	114	STAIR 3	MTL	W24	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	115	CONDO LOBBY TO OUTDOOR COURTYARD	EXT	-	-	-	-	-	-	-	-	-	-		REFER TO DRAWING A334 & A406 FOR DETAILS
	116	CONDO LOBBY ENTRANCE	EXT	-	-	-	-	-	-	-	-	-	-		REVOLVING DOOR REFER TO A334, A400, A410 AND A453 FOR DETAILS
	117	CONDO LOBBY ENTRANCE	EXT	-	-	-	-	-	-	-	-	-	-		REFER TO DRAWING A334, A400, A410 & A453 FOR DETAILS
	118	RETAIL 2	EXT	-	-	-	-	-	-	-	-	-	-		REFER TO DRAWING A336 & A420 FOR DETAILS
	119	RETAIL 2	EXT	-	-	-	-	-	-	-	-	-	-		REFER TO DRAWING A336 & A420 FOR DETAILS
	120	CONDO LOBBY TO CORE	MTL	W24	H4	S6	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		STONE SILL S16
	120B	STAIR 1	MTL	W24	H4	S6	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	121	CONDO LOBBY TO PACKAGE ROOM	MTL	W22	H4	S6	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	-		
	122	RENTAL LOBBY TO PACKAGE ROOM	MTL	W22	H4	S6	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	-		
41ST FLOOR	4101	STAIR 2	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		EXTERIOR DOOR
	4102	ELEVATOR CORE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		EXTERIOR DOOR
	4103	ELEVATOR CORE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	4104	STORAGE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	4105	FIRE PUMP ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	4106	PLUMBING ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	4107	PLUMBING ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		EXTERIOR DOOR
42ND FLOOR	4201	STAIR 1	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	4202	STAIR 2	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	4203	FACADE MAINTENANCE	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	4204	ELEVATOR MACHINE ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		
	4205	WATER TOWER	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		EXTERIOR DOOR
43RD FLOOR	4301	ELEVATOR MACHINE ROOM	MTL	C80	H4	S7	J4	A	3'-0"	7'-0"	0'-1 3/4"	HM	90 MIN. F.P.S.C.		

GENERAL NOTES:

1. REFERENCE SPECIFICATION FOR INTERIOR MATERIAL AND FINISH SCHEDULE.
2. REFERENCE SPECIFICATION FOR HARDWARE SETS AND DOOR AND FRAME RQUIREMENTS
3. REFERENCE A812 FOR TYPICAL DOOR DETAILS.
4. MOUNT DOOR BUCK TO ACCOUNT FOR WOOD AND STONE FLOORING THICKNESSES.
5. REFER TO INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION AT RESIDENTIAL CORRIDORS, LOBBIES, AND AMENITY SPACES INCLUDING BUT NOT LIMITED TO A700 AND A701.
6. REFERENCE ARCHITECTURAL DRAWINGS FOR FUTURE REVERSED DOOR SWINGS AS INDICATED BY DOTTED LINES; AT DOORS WHERE SUCH DOTTED LINE IS INDICATED, BUCKS SHALL BE PROVIDED TO ALLOW REMOUNTING OF DOOR ON SAME FRAME IN ORDER TO ACHIEVE ALTERNATE SWING
7. PREP HM DOOR FRAMES TO ACCOMMODATE FOR DOOR CONTACTS, COORDINATE WITH SECURITY DRAWINGS AS REQUIRED.
8. COORDINATE HEAD / SILL/ JAMB DETAILS WITH INTERIOR DESIGN DRAWINGS, SPECIFICATIONS, AND SCHEDULES.
9. ALL RESIDENTIAL WOOD BATHROOM DOORS SHALL BE PREPPED TO RECEIVE DOOR BOTTOM SEAL:NATIONAL GUARD PRODUCTS #136S OR APPROVED EQUAL. CM TO COORDINATE INSTALLATION OF SEAL IN THE FIELD.

Damian Titus
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Under Directive 2 of 1975
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NYC Development Hub

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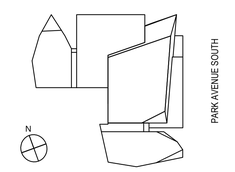
3	06.15.12	CONSTRUCTION DOCUMENTS
4	08.10.12	DOB SUBMISSION
△	07.09.12	ASI 008

KEY PLAN



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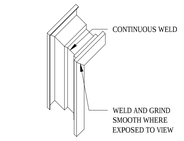

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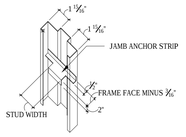
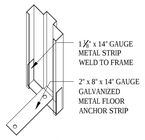
TYPICAL FRAME CORNER



b

TYPICAL JAMB FOR METAL STUD / DRYWALL

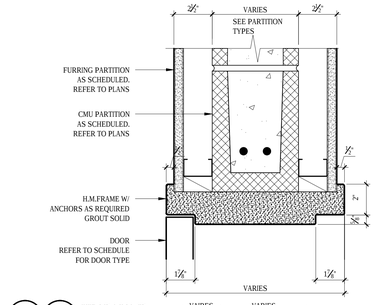


a

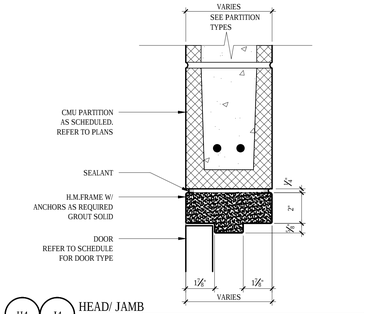
TYPICAL FLOOR ANCHOR

AXON DETAILS - HM FRAME

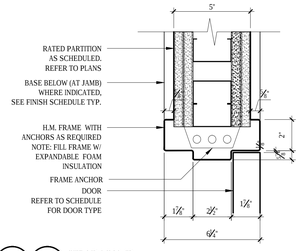
SCALE: 1/4"=1'-0" — 5



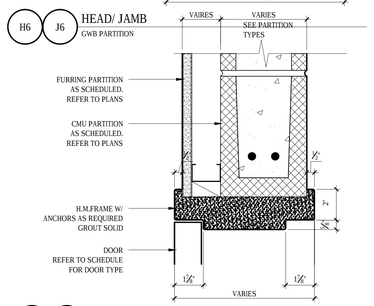
H6 J6 HEAD/ JAMB — GWB PARTITION



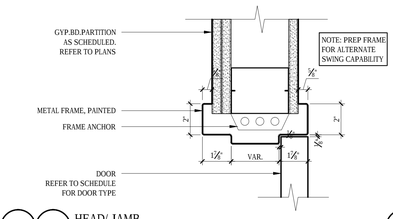
H4 J4 HEAD/ JAMB — GWB PARTITION



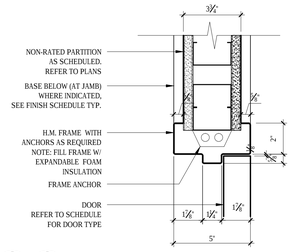
H2 J2 HEAD/ JAMB — GWB PARTITION



H5 J5 HEAD/ JAMB — GWB PARTITION



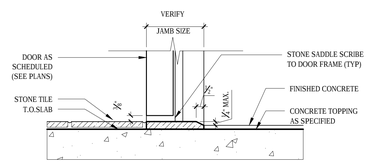
H3 J3 HEAD/ JAMB — GWB PARTITION -NON RATED



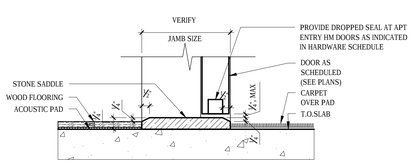
H1 J1 HEAD/ JAMB — GWB PARTITION

DOOR HEAD AND JAMB DETAILS

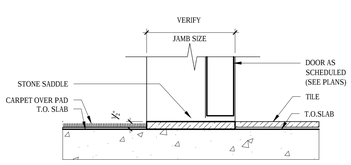
SCALE: 3"=1'-0" — 3



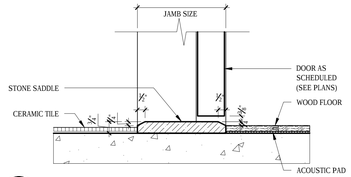
S10 SILL DETAIL: STONE / FINISHED CONCRETE — SCALE: 3"=1'-0"



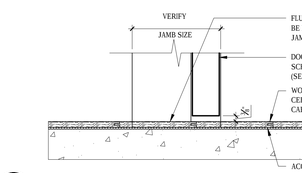
S8 SILL DETAIL: ENG. WOOD / CARPET — SCALE: 3"=1'-0"



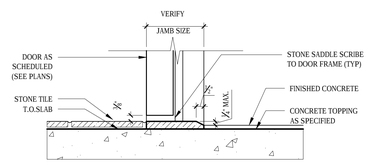
S6 SILL DETAIL: CARPET / STONE OR TILE — SCALE: 3"=1'-0"



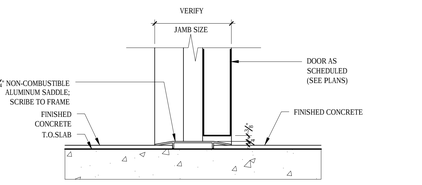
S4 SILL DETAIL: CERAMIC TILE / ENG. WOOD — SCALE: 3"=1'-0"



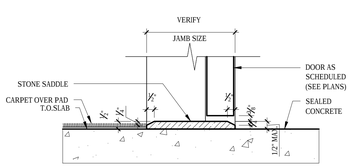
S2 SILL DETAIL: ENG. WOOD / ENG. WOOD — SCALE: 3"=1'-0"



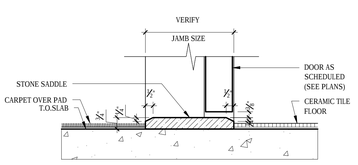
S9 SILL DETAIL: STONE / VCT — SCALE: 3"=1'-0"



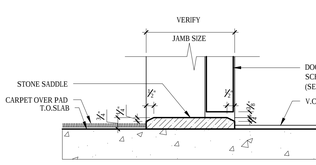
S7 SILL DETAIL: CONCRETE / CONCRETE — SCALE: 3"=1'-0"



S5 SILL DETAIL: CARPET / SEALED CONCRETE — SCALE: 3"=1'-0"



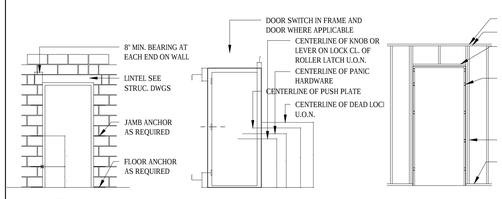
S3 SILL DETAIL: CARPET / CERAMIC TILES — SCALE: 3"=1'-0"



S1 SILL DETAIL: CARPET / VCT — SCALE: 3"=1'-0"

DOOR SILL DETAILS

NOTE: SEE PLANS FOR DOOR SWING AND LEAF LOCATIONS SCALE: 3"=1'-0" — 2



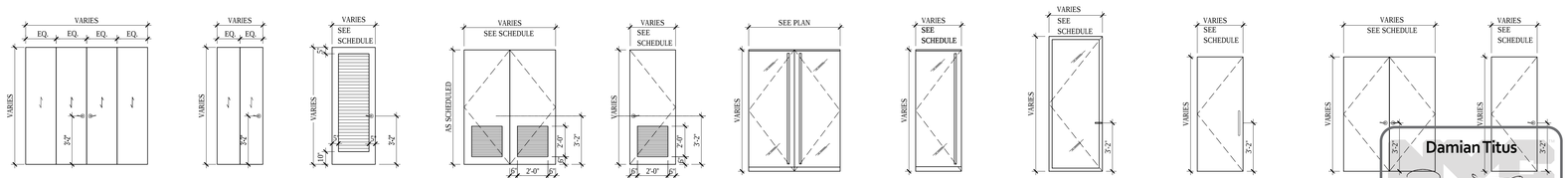
c CMU WALL FRAME INSTALLATION

b DRYWALL FRAME INSTALLATION

a DRYWALL FRAME INSTALLATION

DRYWALL FRAME INSTALLATION & MOUNTING HEIGHTS

SCALE: 1/4"=1'-0" — 4



DOOR TYPES

SCALE: 1/4"=1'-0" — 1

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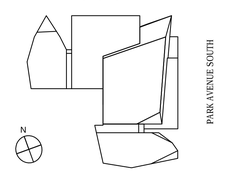
4	08.10.12	DOB SUBMISSION

KEY PLAN



SCALE:

PROJECT NO: 874

SEAL & SIGNATURE

DRAWING TITLE:

DOOR DETAILS

DRAWING NO:

A-812.00

NYC DOB NO: 121181808

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DEPT OF BLDGS 121181808 Job Number
ES968302609 Scan Code

GENERAL NOTES:

I - CODES

1. BUILDING CODE OF THE CITY OF NEW YORK, INCLUDING LATEST AMENDMENTS ("2008 N.Y.C. BUILDING CODE"), CONSISTING OF THE 2003 INTERNATIONAL BUILDING CODE.
2. AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS – ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN", JUNE 1, 1989 ("AISC SPECIFICATION"). AS MODIFIED BY SUBCHAPTER 10 ARTICLE 6 OF THE NYC BUILDING CODE.
3. AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" ACI 318-99 ("ACI") AS MODIFIED BY SUBCHAPTER 10 ARTICLE 5 OF THE N.Y.C. BUILDING CODE.

II - MATERIALS

UNLESS OTHERWISE SHOWN OR NOTED ON DRAWINGS:

1. STRUCTURAL STEEL:

ALL ROLLED SHAPES:	ASTM A572 OR A992, GRADE 50
ALL PLATES AND CONNECTION MATERIAL:	ASTM A36
ALL TUBULAR SECTIONS:	ASTM A500, GRADE B
ALL PIPE SECTIONS:	ASTM A53, GRADE B
ANCHOR BOLTS, U.O.N.:	ASTM F1554

2. METAL DECK:
FABRICATE FROM ASTM A611 OR ASTM A653 STEEL WITH ASTM A653 G60 GALVANIZING. SIZE AND GAGE AS NOTED ON DRAWINGS.
U.O.N., FLOOR DECKING SHALL BE COMPOSITE DECK WITH CONFIGURATION THAT PERMITS FULL AISC SHEAR CONNECTOR VALUE.
3. SHEAR CONNECTORS:
3/4" DIAMETER x 5" HEADED STUDS, U.O.N.
4. CAST-IN-PLACE CONCRETE:

FOUNDATIONS:	AS NOTED ON DRAWINGS.
SLABS ON GROUND:	4 KSI NORMAL WT.
FORMED SLABS:	5 KSI NORMAL WT.
SLABS ON METAL DECK:	3 KSI LT. WT. 115 PCF
COLUMNS AND WALLS:	AS NOTED ON DRAWINGS.

5. REINFORCEMENT:

DEFORMED BARS:	ASTM A615, GRADE 60.
WELDED WIRE FABRIC:	ASTM A185.
WELDED DEFORMED WIRE FABRIC:	ASTM A467, GRADE 60.

6. WELDING ELECTRODES: E70XX LOW HYDROGEN.
7. BOLTING MATERIALS: ASTM A325 OR A490, U.O.N

III - GENERAL

1. NOTES, TYPICAL DETAILS AND SCHEDULES APPLY TO ALL STRUCTURAL WORK UNLESS OTHERWISE NOTED. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS OF A SIMILAR NATURE. VERIFY APPLICABILITY BY SUBMITTING SHOP DRAWINGS FOR REVIEW.
2. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS, ARCHITECTURAL AND MECHANICAL DRAWINGS. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER PRIOR TO PERFORMING WORK.
3. DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONAL INFORMATION.
4. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR WATER/DAMPROOFING AND FIREPROOFING DETAILS AND REQUIREMENTS.
5. TOP OF CONCRETE SLABS ARE AT FLOOR REFERENCE ELEVATIONS EXCEPT AS NOTED. FOR FLOOR REFERENCE ELEVATIONS SEE COLUMN SCHEDULE.
6. THESE DRAWINGS DO NOT DEFINE SCOPE OF CONTRACTS. SEE CONSTRUCTION MANAGER'S DOCUMENTS.
7. AT ALL TIMES THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONDITIONS OF THE JOBSITE INCLUDING SAFETY OF PERSONS AND PROPERTY. THE ARCHITECT'S OR ENGINEER'S PRESENCE OR REVIEW OF WORK DOES NOT INCLUDE THE ADEQUACY OF THE CONTRACTOR'S MEANS OR METHODS OF CONSTRUCTION.
8. SHORING, BRACING AND PROTECTION OF EXISTING AND ADJACENT STRUCTURES DURING CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PROTECT AND MAINTAIN THE INTEGRITY OF ADJACENT STREETS, BUILDINGS AND STRUCTURES.
9. ALL EXISTING DIMENSIONS AND LOCATIONS OF EXISTING STRUCTURES SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY FIELD MEASUREMENTS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.
10. DRAWINGS HAVE BEEN PREPARED BASED ON AVAILABLE KNOWLEDGE OF EXISTING CONDITIONS. IF, DURING DEMOLITION, EXCAVATION OR CONSTRUCTION, ACTUAL CONDITIONS ARE DISCOVERED TO DIFFER FROM THOSE INDICATED ON DRAWINGS, ENGINEER SHALL BE NOTIFIED.

IV - FOUNDATION NOTES

1. MATS AND FOOTINGS SHALL BEAR ON CAISSONS EBMEDDED IN ROCK WITH A MINIMUM BEARING CAPACITY OF 40 TSF.
2. WALL FOOTINGS SHALL BEAR ON SOIL WITH A MINIMUM BEARING CAPACITY OF 4 TSF .
3. NO BACKFILL SHALL BE PLACED AGAINST FOUNDATION WALLS UNLESS SUPPORTING SLABS ARE IN PLACE AND SET OR THE WALLS ARE ADEQUATELY BRACED.
4. DEWATERING OF THE SITE DURING CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR NOT TO UNDERMINE EXISTING FOUNDATIONS. METHOD OF DEWATERING AND CALCULATIONS FOR THE APPROPRIATE SYSTEM ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL FOOTINGS ARE TO BE CENTERED ON COLUMNS ABOVE, U.O.N.
6. PROVIDE DOWELS IN FOUNDATIONS FOR ALL WALLS, COLUMNS, AND SHEAR WALLS OF SAME NUMBER AND SIZE AS THE VERTICAL REINFORCEMENT ABOVE, U.O.N.
7. PROVIDE WATERSTOPS IN ALL VERTICAL CONSTRUCTION JOINTS IN BASEMENT WALLS.
8. SLABS ON GROUND SHALL BE PLACED ON SELECT FILL COMPACTED TO 95 PERCENT MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557).
9. FOOTING ELEVATIONS SHOWN ON THE DRAWINGS HAVE BEEN ESTIMATED USING THE GEOTECHNICAL REPORT. ACTUAL ELEVATIONS OF FOOTING BOTTOMS WILL BE DETERMINED BY FIELD CONDITIONS.

V - UNDERPINNING NOTES

1. CONTRACTOR SHALL RETAIN THE SERVICE OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK TO PREPARE SIGNED AND SEALED DESIGN DRAWINGS AND CALCULATIONS FOR ALL REQUIRED UNDERPINNING OF ADJACENT STRUCTURES. THE CONTRACTOR SHALL FILE THE DRAWINGS WITH THE BUILDING DEPARTMENT.
2. SUBMIT COPY OF FILED DRAWINGS TO DCE FOR INFORMATION ONLY. ALL UNDERPINNING WORK SHALL BE SUBJECT TO SPECIAL INSPECTION IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
3. THE FULL SCOPE OF THIS WORK IS TO BE DETERMINED BY THE CONTRACTOR BY THE REVIEW OF ALL AVAILABLE DOCUMENTATION SUCH AS SURVEYS, GEOTECHNICAL REPORTS AND THE LIKE AND BY SITE REVIEW PRIOR TO BIDDING.
4. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF ALL EXISTING ADJACENT BUILDINGS, STRUCTURES, SIDEWALKS, VAULTS AND THE LIKE DURING AND AS A RESULT OF UNDERPINNING OPERATIONS.

VI - CONCRETE NOTES

1. REINFORCING STEEL SHALL HAVE A MINIMUM CLEAR COVER AS FOLLOWS, U.O.N. IN DRAWINGS:

CONCRETE POURED AGAINST EARTH.....3"

CONCRETE EXPOSED TO EARTH OR WEATHER:
#5 OR SMALLER.....1½"
#6 OR LARGER.....2"

VI - CONCRETE NOTES (CONT.)

CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
COLUMNS (TIES AND MAIN REINFORCING).....1½"
SLABS, WALLS, JOISTS
#14 OR #18 BARS.....1½"
#11 OR SMALLER.....¾"
BEAMS (STIRRUPS AND MAIN REINF).....1½"

CLEAR COVER SHALL BE CLEARLY SHOWN ON ALL REBAR DETAIL DRAWINGS.

2. ALL REINFORCEMENT SHALL BE SECURELY HELD IN POSITION WHILE PLACING CONCRETE. IF NECESSARY, ADDITIONAL BARS SHALL BE PROVIDED BY THE CONTRACTOR TO FURNISH SUPPORT.
3. THE CONTRACTOR SHALL VERIFY THE DIMENSIONS AND LOCATIONS OF ALL OPENINGS, PIPE SLEEVES, ETC. AS REQUIRED BY ALL TRADES, BEFORE THE CONCRETE IS POURED. THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS, AS WELL AS THE STRUCTURAL DRAWINGS FOR THE LOCATION, NUMBER, AND SIZE OF ALL OPENINGS, SLEEVES, ETC. HOWEVER, OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE INSTALLED ONLY AFTER APPROVAL BY THE STRUCTURAL ENGINEER IS OBTAINED.
4. LOCATION OF ALL CONSTRUCTION JOINTS NOT SHOWN IN DRAWINGS SHALL BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO DETAILING OF REINFORCING. ALL CONSTRUCTION JOINTS TO BE CLEARLY SHOWN IN REBAR DETAIL DRAWINGS. ENGINEER MAY REQUIRE ADDITIONAL REINFORCING AT CONSTRUCTION JOINTS.
5. DIMENSIONS "LD" AS NOTED ON DRAWINGS SHALL BE AS FOLLOWS:

BEAMS		
BAR SIZE	BOTTOM BARS	OTHER BARS
#3	13	17
#4	17	23
#5	22	28
#6	26	34
#7	38	49
#8	43	56
#9	48	63
#10	54	71
#11	60	78

COLUMNS	
BAR SIZE	Ld
#3	13
#4	17
#5	22
#6	26
#7	38
#8	43
#9	48
#10	54
#11	60

TABLE ASSUMPTIONS:
1. f'c = 5 ksi
2. A MINIMUM CLEAR COVER AS SHOWN IN NOTE 1 ABOVE
3. A MINIMUM CLEAR SPACING OF 3" BETWEEN ANY BARS
4. fy = 60 ksi
5. NORMAL WEIGHT CONCRETE
6. FOR WALLS:
CASE 1 = CLEAR SPACING ≥ 2db AND CLEAR COVER ≥ db
CASE 2 = OTHER THAN CASE 1

WALLS				
BAR SIZE	VERTICAL BARS		HORIZONTAL BARS	
	CASE 1	CASE 2	CASE 1	CASE 2
#3	13	20	17	25
#4	17	26	23	34
#5	22	32	28	42
#6	26	39	34	50
#7	38	56	49	73
#8	43	64	56	83
#9	48	72	63	94
#10	54	81	70	106
#11	60	90	78	117

SLABS / MATS			
BAR SIZE	THICKNESS 12" OR LESS	THICKNESS GREATER THEN 12"	
	ALL BARS	BOTTOM BARS	OTHER BARS
#3	13	13	17
#4	17	17	23
#5	22	22	28
#6	26	26	34
#7	56	56	73
#8	64	64	83
#9	72	72	94
#10	81	81	106
#11	90	90	117

FOR: f'c = 3 ksi Ld = 1.29 x TABLE VALUE
f'c = 4 ksi Ld = 1.12 x TABLE VALUE
f'c = 6 ksi Ld = 0.92 x TABLE VALUE
f'c = 8 ksi Ld = 0.79 x TABLE VALUE
f'c = 10 ksi Ld = 0.71 x TABLE VALUE
f'c = 12 ksi Ld = 0.65 x TABLE VALUE

6. ALL LAP SPLICES SHALL BE 1.3LD UNLESS NOTED OTHERWISE ON DRAWINGS.
7. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.3.
8. FOR EPOXY-COATED BARS, MULTIPLY THE TABULATED VALUES BY 1.5.
9. COMBINATIONS OF EFFECTS DUE TO CONCRETE STRENGTH, CONCRETE WEIGHT, AND EPOXY BARS ARE CUMULATIVE. Ld SHALL BE MULTIPLIED BY EACH FACTOR TO FIND THE CORRECT VALUE.
10. ACI DOES NOT PERMIT LAP SPLICES OF #14 OR #18 BARS. BARS OF THIS SIZE SHALL BE COUPLED BY ACCEPTABLE MECHANICAL MEANS.
11. DOWEL BAR SUBSTITUTIONS SHALL BE PERMITTED PROVIDED THAT MANUFACTURER'S DATA SUPPORTS FULL TENSION SPLICES.
12. ALL SLEEVES AND PENETRATIONS SHALL BE PROVIDED BY THE SUB-CONTRACTOR REQUIRING THE OPENING.
13. CONCRETE COLUMN LENGTH ADJUSTMENT FOR ELASTIC SHORTENING, SHRINKAGE AND CREEP EFFECTS SHALL BE DISCUSSED WITH THE CONCRETE CONTRACTOR.
14. CONDUIT PLACED IN CONCRETE SLABS MUST BE PLACED IN ACCORDANCE WITH THE FOLLOWING GUIDELINES:
a. CONTRACTOR SHALL NOT INSTALL CONDUIT THAT IS NOT SHOWN ON MECHANICAL DRAWINGS.
b. DO NOT CROSS MORE THAN ONE LAYER OF CONDUIT OVER ANOTHER IN ANY GIVEN AREA.
c. PLACE CENTROID OF CONDUIT OR CONDUIT GROUP AT THE MID-HEIGHT OF THE SLAB.
d. CONDUIT OR CONDUIT GROUP CAN NOT EXTEND OUTSIDE THE MIDDLE ⅓ OF THE SLAB.
e. MAINTAIN A MINIMUM CLEAR SPACING BETWEEN THE CONDUIT OF 3 DIAMETERS. THIS REQUIREMENT APPLIES EXCEPT WHERE CONDUITS ACCUMULATE AT "TURN DOWNS". THE CONDITIONS AT "TURN DOWN" LOCATIONS MUST BE EVALUATED AT EACH LOCATION BY THE STRUCTURAL ENGINEER. "TURN DOWNS" CAN NOT OCCUR AT COLUMN OR BUTTRESS LOCATIONS.
f. DO NOT PLACE ANY CONDUIT IN THE SLAB WITHIN 36" FROM THE EDGE OF ANY COLUMN OR WALL ABOVE OR BELOW THE SLAB.
g. SLAB REINFORCEMENT MUST NOT BE MOVED, CUT, OR BENT TO ACCOMMODATE CONDUIT PLACEMENT.
h. CONDUIT IS NOT TO RUN THROUGH OR WITHIN A COLUMN OR WALL.
i. ALUMINUM CONDUIT SHALL NOT BE EMBEDDED IN A SLAB UNLESS IT IS EFFECTIVELY COATED.

IF THE ABOVE REQUIREMENTS ARE ALL MET, CONDUIT LOCATIONS NEED NOT BE REVIEWED BY THE STRUCTURAL ENGINEER. ANY DEVIATIONS MUST BE SUBMITTED ON A SHOP DRAWING FOR APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO CONDUIT PLACEMENT.

THE FOLLOWING CASES MUST BE SUBMITTED FOR REVIEW BY THE STRUCTURAL ENGINEER:

a. LOCATIONS OF ANY CONDUIT LARGER THAN 2" IN OUTSIDE DIAMETER.
b. LOCATIONS OF ANY BUNDLED CONDUITS.

VII - STEEL NOTES

1. BOLTED CONNECTIONS: BOLTS ARE TO BE A325 OR A490 SLIP CRITICAL, CLASS A. FLOOR BEAM CONNECTIONS TO OTHER BEAMS OR GIRDERS CAN BE MADE WITH A307 BOLTS. MINIMUM DIAMETER OF ALL BOLTS SHALL BE ¾", MAX. DIA. 1⅛". PROVIDE AT LEAST 2 BOLTS PER CONNECTION.

UNLESS OTHERWISE NOTED IN PLAN, DETAIL FLOOR MEMBER CONNECTIONS FOR THE FOLLOWING VERTICAL REACTIONS:

SHAPE	MINIMUM REACTIONS (KIPS) TO GIRDERS	TO COLUMNS	MINIMUM NUMBER OF ROWS
W8,C8	12	17	2
W10,C10	15	20	2
W12,C12	20	25	2
W14	25	30	3
W16	30	38	3
W18	36	46	3
W21	46	58	4
W24	57	72	4
W27	70	85	5
W30	85	100	6
W33	100	120	7
W36	115	135	8

VII - STEEL NOTES (CONT.)

2. END CONNECTIONS OF FLOOR MEMBERS SHALL ACCOMMODATE END ROTATIONS OF SIMPLE, UNRESTRAINED BEAMS. FOR THIS PURPOSE, INELASTIC ACTION IN THE CONNECTION IS PERMITTED.
3. COPED OR CUT ENDS OF MEMBERS SHALL BE REINFORCED WHERE REQUIRED TO SUSTAIN THE SPECIFIED REACTIONS.
4. FABRICATE AND ERECT FLOOR MEMBERS WITH NATURAL CAMBER UP.
5. SHORING OF FLOOR MEMBERS TO CONTROL SLAB THICKNESS, FLOOR LEVEL AND OTHER TOLERENCES, AND CONCRETE PONDING IS THE CONTRACTOR'S OPTION. FLOORS TO BE POURED SO AS TO MAINTAIN UNIFORM SLAB THICKNESS ACROSS TOP OF STEEL MEMBERS.
6. STRUCTURAL STEEL CONTRACTOR TO PROVIDE DECK SUPPORT ANGLES AS REQUIRED.
7. UNLESS OTHERWISE SHOWN ON DRAWINGS, SIZE OF WELDS SHALL NOT BE SMALLER THAN ¼".
8. FABRICATION AND ERECTION CONSIDERATIONS – THE FOLLOWING ITEMS WILL BE DEFINED AT A PRE-DETAILING CONFERENCE WITH THE STEEL CONTRACTOR:

i) STEEL COLUMN LENGTH ADJUSTMENT FOR ELASTIC SHORTENING EFFECTS.

ii) STEEL TRUSS CAMBERING.

iii) ELEMENTS AFFECTED BY STEEL ERECTION PROCEDURE, SUCH AS MEMBER SIZES, CONNECTIONS, SPLICES, BASE PLATES, ANCHOR BOLTS, ROCK ANCHORS, ETC.

iv) ERECTION PROCEDURES AND SEQUENCES WITH REGARD TO TEMPERATURE EFFECTS.

9. THE CONTRACTOR SHALL PROVIDE, AT NO ADDITIONAL COST, ALL ADDITIONAL STEEL, CONNECTIONS, GUYING, ETC. REQUIRED FOR ERECTION.
10. UNLESS SPECIFICALLY NOTED, STEEL DETAILS SHOWN ON THE DRAWINGS ARE FOR CONCEPT ONLY AND DO NOT INDICATE REQUIRED NUMBER OF BOLTS, SIZE OF WELDS, ETC.
11. MEMBERS MAY ONLY BE SPLICED WHERE SPECIFICALLY DETAILED ON ACCEPTED SHOP DRAWINGS.
12. FIELD CUTTING OF STRUCTURAL STEEL IS NOT PERMITTED EXCEPT WITH THE PRIOR APPROVAL OF THE ENGINEER.
13. BOLTS, NUTS AND WASHERS FOR STEEL PERMANENTLY EXPOSED TO WEATHER SHALL BE GALVANIZED. SEE SPECIFICATIONS.

VIII - METAL DECK NOTES

1. U.O.N., ALL METAL DECKING HAS BEEN DESIGNED FOR UNSHORED CONSTRUCTION. WHERE POSSIBLE, DECK SHALL EXTEND OVER TWO OR MORE SPANS.
2. DECK SUPPLIER SHALL FURNISH ANY AND ALL SCREEDS, CLOSURES, POUR STOPS, COLUMN CLOSURES, CANT STRIPS, RIDGE AND VALLEY PLATES, SUMPS, ETC. AS REQUIRED FOR COMPLETE INSTALLATION OF DECK.
3. COMPOSITE FLOOR DECK SHALL BE WELDED TO ALL SUPPORTING MEMBERS WITH ¾" DIA. PUDDLE WELDS OR #12 TEKS SELF-DRILLING FASTENERS AT 12" O.C. SHEAR STUDS SHALL BE CONSIDERED TO REPLACE WELDS. FASTEN SIDE LAPS AS REQUIRED IN SPECIFICATIONS.
4. ROOF DECK SHALL BE WELDED TO ALL SUPPORTING MEMBERS WITH 5/8" DIA. PUDDLE WELDS AT 18" O.C. OR #12 TEKS SELF-DRILLING FASTENERS @ 12" O.C. FASTEN SIDE LAPS AS REQUIRED IN SPECIFICATIONS FOR SPANS OVER 5'-0".
5. FORM DECK SHALL BE WELDED TO ALL SUPPORTING MEMBERS USING 16 GAGE WELD WASHERS WITH 3/8" DIA. HOLES IN PATTERN AS RECOMMENDED BY DECK MANUFACTURER. FASTEN SIDE LAPS WITH SCREWS AT 36" MAX FOR SPANS OVER 5'-0".
6. PROVIDE 2" MIN LAPS AND END BEARING FOR ALL DECKING.
7. UNFRAMED OPENINGS, IN FLOOR OR ROOF DECKS, LARGER THAN 6" PERPENDICULAR TO SPAN OF DECK SHALL BE REINFORCED.

X - CONTROLLED INSPECTION

OWNER WILL ENGAGE AND PAY FOR AN INDEPENDENT TESTING AGENCY TO PERFORM THE FOLLOWING INSPECTION AND TESTING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE PRIOR NOTICE FOR COMPLETION OF SUCH.

1. CONCRETE: ALL CONCRETE WORK SHALL BE SUBJECT TO CONTROLLED INSPECTION BY OR UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER AS REQUIRED BY SUBCHAPTER 1 OF THE N.Y.C. BUILDING CODE, PARAGRAPH 27-132. TECHINICIAL REPORT TR-1 SHALL BE FILED WITH THE BUILDING DEPARTMENT FOR APPROVAL OF SAID ENGINEER.
A. THE OWNER SHALL ENGAGE A LICENSED PROFESSIONAL ENGINEEER, APPROVED BY THE ENGINEER OF RECORD, TO SUPERVISE THE TESTING OF THE MATERIALS AND THE INSPECTION OF CONCRETE CONSTRUCTION.
B. THE PRELIMINARY TEST FOR CONTROLLED CONCRETE SHALL BE MADE IN ACCORDANCE WITH SUBCHAPTER 10 PARAGRAPH 27-605 OF THE N.Y.C. BUILDING CODE AND THE RESULTS FILED ON TECHNICAL REPORT TR-3. NO CONCRETE SHALL BE PLACED BEFORE ACCEPTANCE BY ENGINEER.
C. QUALITY CONTROL AND INSPECTION OF MATERIALS AND OF BATCHING SHALL BE MADE IN ACCORDANCE WITH SUBCHAPTER 10 PARAGRAPH 27-605 OF THE N.Y.C. BUILDING CODE.
D. ALL FIELD TESTS AND INSPECTIONS SHALL BE PERFORMED AS REQUIRED BY SUBCHAPTER 10 PARAGRAPH 27-607 OF THE N.Y.C. BUILDING CODE.
2. SOILS:
INSPECT SUBGRADE FOR FOUNDATIONS, PIERS AND WALLS PER SUBCHAPTER 11 PARAGRAPH 27-723 OF THE N.Y.C. BUILDING CODE.
3. STEEL:
INSPECT WELDING OPERATIONS AND TENSIONING OF HIGH STRENGTH BOLTS PER SUBCHAPTER 10 PARAGRAPH 27-616 AND TABLE 10-2 OF THE N.Y.C. BUILDING CODE.
4. PILING:
INSPECT PILE DRIVING AND TESTING OPERATIONS PER SUBCHAPTER 11 PARAGRAPH 27-616 AND TABLE 10-2 OF THE N.Y.C. BUILDING CODE.
5. STRUCTURAL MASONRY:
INSPECT MASONRY CONSTRUCTION PER SUBCHAPTER 10 PARAGRAPH 27-602 AND TABLE 10-2 OF THE N.Y.C. BUILDING CODE. TESTING SHALL COMPLY WITH REQUIREMENTS OF ACI 530.1/ASCE 6 AS CITED BY REFERENCE STANDARD RS 10.

XI - SYMBOLS USED ON DRAWINGS

1. U.O.N. DENOTES "UNLESS OTHERWISE NOTED".
2. F | F DENOTES FINISHED (MILLED) SURFACES.
3. (C =) DENOTES CAMBER OF FLOOR MEMBERS.
4. T DENOTES TENSION.
C DENOTES COMPRESSION.
T/C DENOTES TENSION OR COMPRESSION.
5. (.....) DENOTES MEMBER ELEVATION IF OTHER THAN BASELINE ESTABLISHED ON DRAWING OR TOP OF PILE CAP ELEVATION.
6. [..] DENOTES NUMBER OF SHEAR STUDS, EQUALLY SPACED.
7. V DENOTES SHEAR FORCE (KIPS).
F DENOTES AXIAL FORCE (KIPS).
M DENOTES MOMENT (KIP-FT).
8. LD DENOTES LENGTH AS PREVIOUSLY DEFINED IN CONCRETE NOTES.
9. BP DENOTES BEAM PENETRATION. SEE DWG. S-____FOR TYPICAL DETAIL AND SCHEDULE.
10. DENOTES SPAN DIRECTION OF METAL DECK.
11. CP DENOTES COMPLETE PENETRATION WELD.
12. PP DENOTES PARTIAL PENETRATION WELD. PROPORTIONED TO RESIST THE SPECIFIED FORCE.
13. OR DENOTES MOMENT CONNECTION U.O.N. DETAIL CONNECTION FOR FULL MOMENT CAPACITY OF BEAM.
14. FB DENOTES W8x10 FILLER BEAM.
15. LB DENOTES LATERAL BRACE.

XI - SYMBOLS USED ON DRAWINGS (CONT.)

16. EG DENOTES TS6x4x¼ ELEVATOR GUIDE RAIL DIVIDER BEAM. TOP OF STEEL IS 2" BELOW TOP OF SUPPORTING STEEL MEMBERS, SEE TYPICAL DETAIL WHEN SUPPORTED BY CONCRETE ELEMENTS. PAINT PER SPECIFICATIONS. 4" DIMENSION IS PLAN DIMENSION.
17. T.O.STL. DENOTES 'TOP OF STEEL'.
18. T.O.SL. DENOTES 'TOP OF SLAB'.

GRAVITY LOADS:

ABREVIATIONS:

CDL CONSTRUCTION DEAD LOAD: SELF WEIGHT OF STRUCTURE.
SDL SUPERIMPOSED DEAD LOAD: WEIGHT OF ALL MATERIALS SUPPORTED ON OR HUNG FROM STRUCTURAL FLOOR.
LL LIVE LOAD
PSF POUNDS PER SQUARE FOOT

SUB-CELLAR FLOOR
CDL: 75 PSF – 6" SLAB ON GRADE
SDL: 20 PSF
LL: 125 PSF – STORAGE AND MEP ROOMS

1ST FLOOR
CDL: 150 PSF – 12" NORMAL WT CONCRETE SLAB
175 PSF – 14" NORMAL WT CONCRETE SLAB
SDL: 30 PSF – LOBBY
LL: 100 PSF – LOBBY AND RETAIL AREA
600 PSF – COURTYARD

2ND FLOOR
CDL: 100 PSF – 8" NORMAL WT CONCRETE SLAB
125 PSF – 10" NORMAL WT CONCRETE SLAB
SDL: 25 PSF
LL: 100 PSF – FITNESS AREA
150 PSF – MEP ROOMS
100 PSF – OFFICE AND CONFERENCE ROOMS
40 PSF – RESIDENTIAL

3RD-5TH, 7TH-19TH, 21ST-26TH, 28TH-29TH, 31ST-39TH FLOOR
CDL: 100 PSF – 8" NORMAL WT CONCRETE SLAB
SDL: 25 PSF
LL: 40 PSF – RESIDENTIAL

6TH FLOOR
CDL: 100 PSF – 8" NORMAL WT CONCRETE SLAB
SDL: 25 PSF
LL: 40 PSF – RESIDENTIAL
60 PSF – BALCONY

20TH FLOOR
CDL: 100 PSF – 8" NORMAL WT CONCRETE SLAB
250 PSF – 20" NORMAL WT CONCRETE SLAB
SDL: 25 PSF
LL: 40 PSF – RESIDENTIAL
60 PSF – TERRACE

27TH & 30TH FLOOR
CDL: 100 PSF – 8" NORMAL WT CONCRETE SLAB
175 PSF – 14" NORMAL WT CONCRETE SLAB
SDL: 25 PSF
LL: 40 PSF – RESIDENTIAL
150 PSF – ROOF/MECHANICAL

40TH FLOOR
CDL: 100 PSF – 8" NORMAL WT CONCRETE SLAB
175 PSF – 14" NORMAL WT CONCRETE SLAB
SDL: 25 PSF
LL: 40 PSF – RESIDENTIAL
150 PSF – ROOF/MECHANICAL

MAIN ROOF
CDL: 150 PSF – 12" NORMAL WT CONCRETE SLAB
175 PSF – 14" NORMAL WT CONCRETE SLAB
SDL: 20 PSF
LL: 100 PSF + DUNNAGE

EMR FLOOR PLAN
CDL: 175 PSF – 14" NORMAL WT CONCRETE SLAB
SDL: 20 PSF
LL: 150 PSF

EMR ROOF, FREIGHT EMR ROOF
CDL: 150 PSF – 12" NORMAL WT CONCRETE SLAB
100 PSF – 8" NORMAL WT CONCRETE SLAB
SDL: 20 PSF
LL: 150 PSF
30 PSF – FREIGHT EMR ROOF (SNOW LOAD)

WIND LOADS :

WIND LOADING IS APPLIED BASED ON THE WIND TUNNEL TESTING PERFORMED BY C.P.P. WIND ENGINEERING.

SEISMIC DESIGN CRITERIA:

THE DESIGN, DETAILS, AND NOTES HEREIN ARE IN COMPLIANCE WITH LOCAL LAW 17/95 AND SECTIONS 1613 TO 1620 AND 1624 TO 1626 OF THE 2008 NEW YORK CITY BUILDING CODE.

REF: GEOTECHNICAL ENGINEER REPORT

SITE CLASS = A
MCE SPECTRAL RESPONSE ACCELERATION PARAMETERS At 0.2 SECOND PERIOD: Ss = 0.365 g At 1.0 SECOND PERIOD: S1 = 0.071 g
COEFFICIENTS Fa = 0.8, Fv = 0.8
RESPONSE MODIFICATION FACTOR, R=4
BUILDING HEIGHT, hn = ±414'-4"

THE BUILDING, STRUCTURES AND PARTS THEREOF ARE DESIGNED IN ACCORDANCE WITH STRENGTH DESIGN, LOAD AND RESISTANCE FACTOR DESIGN, ALLOWABLE STRESS DESIGN, EMPIRICAL DESIGN OR CONVENTIONAL CONSTRUCTION METHODS, AS PERMITTED BY THE APPLICABLE MATERIAL CHAPTERS AS INDICATED IN THE BC 1604.1 OF 2008 NEW YORK CITY BUILDING CODE.

STRUCTURAL PEER REVIEW FOR THIS PROJECT IS NOT REQUIRED AS IT DOES NOT FALL INTO ANY OF THE REQUIRED CRITERIA INDICATED IN SECTION BC 1627 OF NYC BUILDING CODE. THESE CRITERIA ARE AS FOLLOWS;

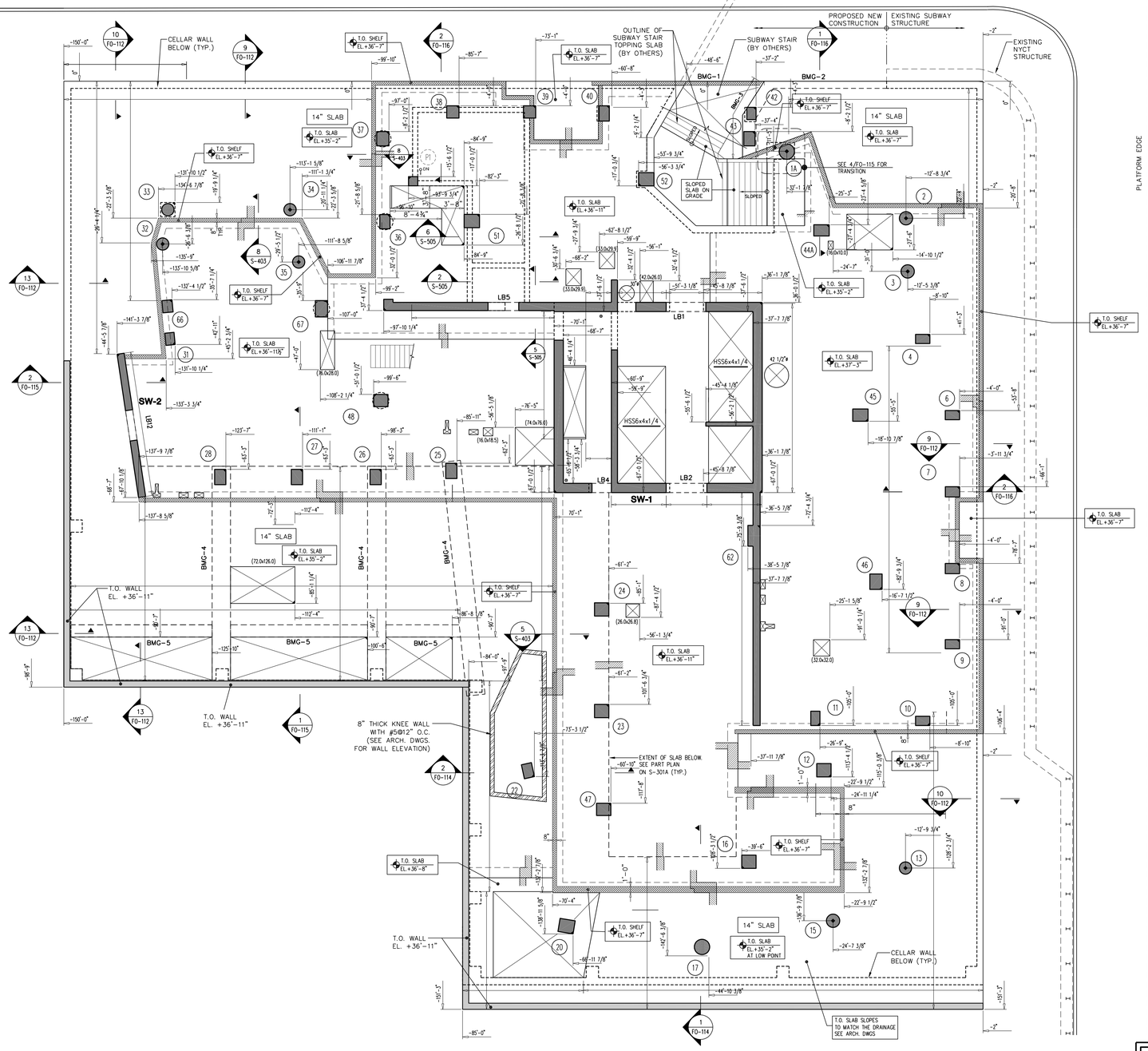
1. BUILDINGS WITH IMPORTANCE FACTOR CATEGORY OF IV AS DEFINED IN THIS CHAPTER AND MORE THAN 50,000 SQUARE FEET (4645 M2) OF FRAMED AREA.
2. BUILDINGS WITH ASPECT RATIOS OF SEVEN OR GREATER.
3. BUILDINGS GREATER THAN 600 FEET (183 M) IN HEIGHT OR MORE THAN 1,000,000 SQUARE FEET (92 903 M2) IN GROSS FLOOR AREA.
4. BUILDINGS TALLER THAN SEVEN STORIES WHERE ANY ELEMENT SUPPORTS IN AGGREGATE MORE THAN 15 PERCENT OF THE BUILDING AREA.
5. BUILDINGS DESIGNED USING NON-LINEAR TIME HISTORY ANALYSIS OR WITH SPECIAL SEISMIC ENERGY DISSIPATION SYSTEMS.
6. BUILDINGS WHERE A STRUCTURAL PEER REVIEW IS REQUESTED BY THE COMMISSIONER.

DRAWING INDEX

S-000 – GENERAL NOTES
S-001.00 GENERAL NOTES, DRAWING INDEX, AND DESIGN CRITERIA
FO-100 – FOUNDATION AND BELOW GRADE FLOORS
FO-101.00 FOUNDATION AND SUB-CELLAR FLOOR PLAN
FO-102.00 CELLAR FLOOR PLAN
FO-103.00 MAT FOUNDATION PART PLAN
FO-104.00 CELLAR REINFORCEMENT PLAN
FO-111.00 TYPICAL FOUNDATION DETAILS
FO-112.00 FOUNDATION SECTIONS AND DETAILS
FO-113.00 FOUNDATION SECTIONS AND DETAILS
FO-114.00 FOUNDATION SECTIONS AND DETAILS
FO-115.00 FOUNDATION SECTIONS AND DETAILS
FO-116.00 FOUNDATION SECTIONS AND DETAILS
FO-117.00 FOUNDATION SECTIONS AND DETAILS
S-200 – SUPERSTRUCTURE PLANS
S-201.00 GROUND FLOOR LAYOUT PLAN
S-202.00 2ND FLOOR LAYOUT PLAN
S-203.00 3RD FLOOR LAYOUT PLAN
S-204.00 4TH–6TH FLOOR LAYOUT PLAN
S-207.00 7TH–9TH FLOOR LAYOUT PLAN
S-210.00 10TH–13TH FLOOR LAYOUT PLAN
S-214.00 14TH–15TH FLOOR LAYOUT PLAN
S-216.00 16TH–19TH FLOOR LAYOUT PLAN
S-220.00 20TH FLOOR LAYOUT PLAN
S-221.00 21ST–22ND FLOOR LAYOUT PLAN
S-223.00 23RD–26TH FLOOR LAYOUT PLAN
S-227.00 27TH FLOOR LAYOUT PLAN
S-228.00 28TH–29TH AND 30TH FLOOR LAYOUT PLAN
S-231.00 31ST–33RD AND 34TH–36TH FLOOR LAYOUT PLAN
S-240.00

DEPT OF BLDGS 121181808 Job Number
ES601263692 Scan Code

28TH STREET



NOTES:

FOR INFORMATION REGARDING THE NYCT STRUCTURE, SEE RELATED PLANS AND SECTIONS IN TA SERIES DRAWINGS.

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMG-1	10x16	3#6	2#5	2L #4	6"	T.O. BEAM EL. +36'-7"
BMG-2	22x24	4#7	4#5	2L #4	12"	B.O. BEAM EL. +34'-11 1/2"
BMG-3	16x18	3#7	3#5	2L #4	8"	B.O. BEAM EL. +34'-9 5/8"
BMG-4	36x36	5#9	2#9	2L#4	6"	
BMG-5	24x24	4#9	2#9	2L#4	6"	

TOP OF SLAB ELEVATION U.O.N.:	AS SHOWN
SLAB THICKNESS U.O.N.:	t = 12"
SLAB CONCRETE STRENGTH:	f'c = 7.5 ksi

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. PROVIDE 10 KSI CONCRETE STRENGTH FOR BEAMS BM2-1, BM2-2, BM2-3, BM2-4 AND BM2-6.

Damian Titus

APPROVED
Under Directive 2 of 1975

Date/Time: Aug 30, 2012 – 10:19 AM
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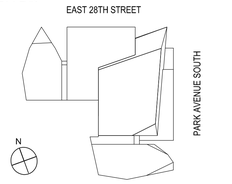
NO.	DATE	ISSUANCE
0.	01.18.2012	MTA SUBMISSION
1.	02.03.2012	FOUNDATION PERMIT
2.	02.17.2012	DESIGN DEVELOPMENT
3.	03.08.2012	FOUNDATION BID ISSUE
4.	03.21.2012	FOUNDATION PERMIT
5.	04.20.2012	SUPERSTRUCTURE BID ISSUE
6.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK · STEPHEN V. DESIMONE · No. 074653 · LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:

GROUND FLOOR LAYOUT PLAN

DRAWING NO:

S-201.00

NYC DOB NO: 121181808 | 13 of 81

5620-013-S-201.dwg

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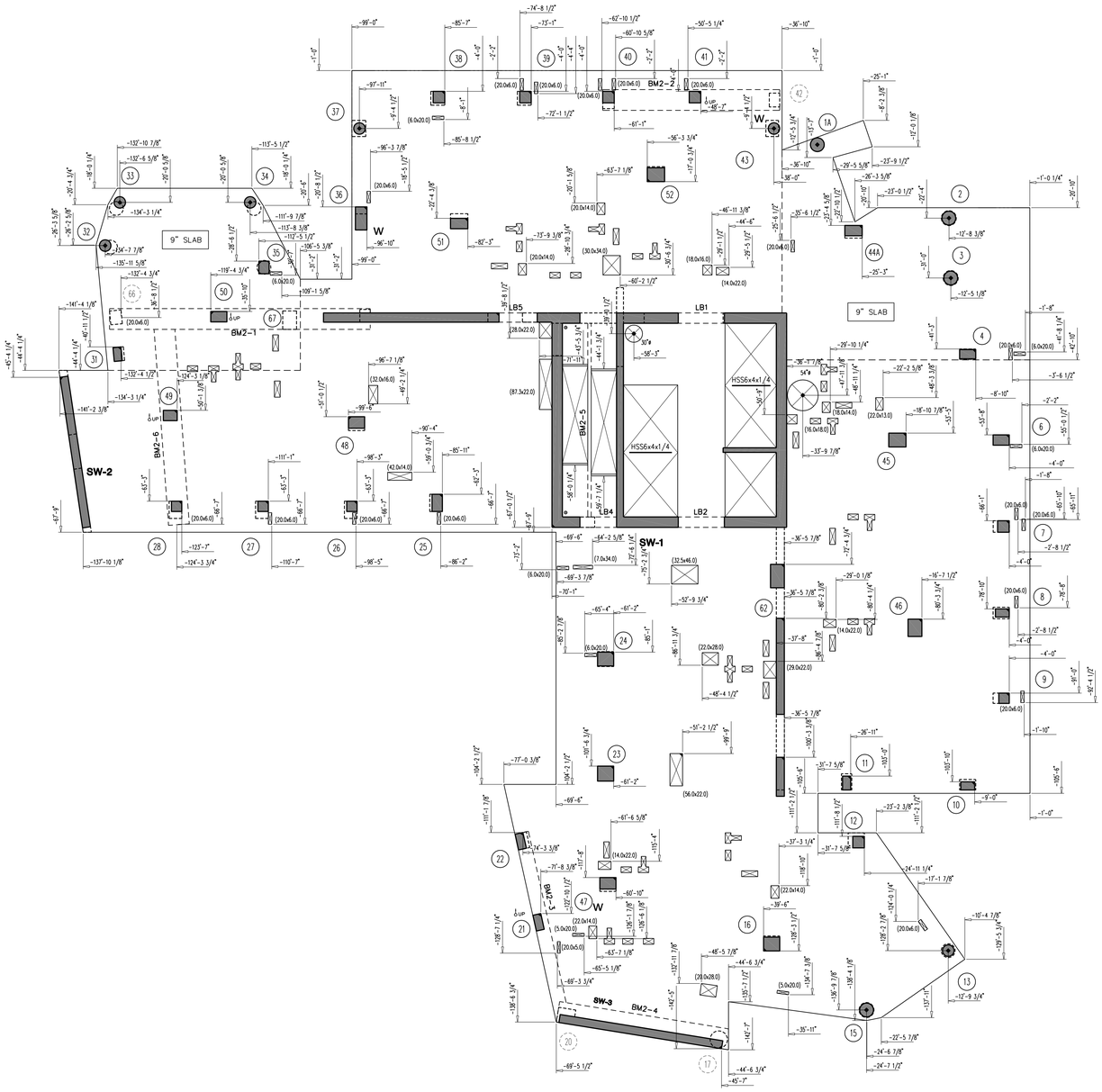

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BM2-1	36x78	–	–	–	–	SEE DETAIL 1/S-504
BM2-2	36x66	–	–	–	–	SEE DETAIL 2/S-504
BM2-3	24x48	–	–	–	–	SEE DETAIL 3/S-504
BM2-4	36x60	–	–	–	–	SEE DETAIL 4/S-504
BM2-5	6x8	1#9	1#9	1L #3	6"	
BM2-6	36x66	48#11	10#11	6: #5	4"	

TOP OF SLAB ELEVATION U.O.N.: **+56'-9"**

SLAB THICKNESS U.O.N.: **8"**

SLAB CONCRETE STRENGTH: (SEE NOTES FOR BEAMS) **f'c = 7.5 ksi**

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. "W" INDICATES COLUMN WALK.
10. PROVIDE 10 KSI CONCRETE STRENGTH FOR BEAMS BM2-1, BM2-2, BM2-3, BM2-4 AND BM2-6.

Damian Titus
APPROVED
Under Directive 2 of 1975
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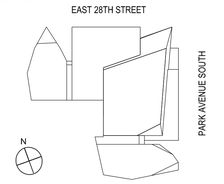
NO.	DATE	ISSUANCE
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK · DAMIAN V. DESALVO · LICENSED PROFESSIONAL ENGINEER · NO. 074033

DRAWING TITLE:

2ND FLOOR LAYOUT PLAN

DRAWING NO:

S-202.00

NYC DOB NO: 121181808 | 14 of 81

5620-014-S-202.dwg

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ES509527701 Scan Code

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS		REMARKS
				SIZE	SPACING	
BM3–1	6x8	1#9	1#9	1L #3	6"	
BM3–2	42x48/78	–	–	–	–	SEE DETAIL 5/S–504

TOP OF SLAB ELEVATION U.O.N.:
+68'-6"

SLAB THICKNESS U.O.N.:
t = 8"

SLAB CONCRETE STRENGTH: (SEE NOTES FOR BEAMS)
f'c = 7.5 ksi

DRAWING NOTES:

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6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. PROVIDE 10KSI CONCRETE FOR BM3-2

Damian Titus
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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:19 AM
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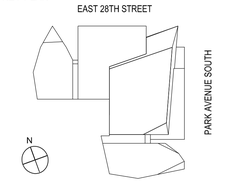
KEY PLAN



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PROJECT NO:	5620

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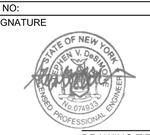

DRAWING TITLE:
3RD FLOOR LAYOUT PLAN

DRAWING NO:
S-203.00

NYC DOB NO: 121181808 | 15 of 81

5620-015-S-203.dwg

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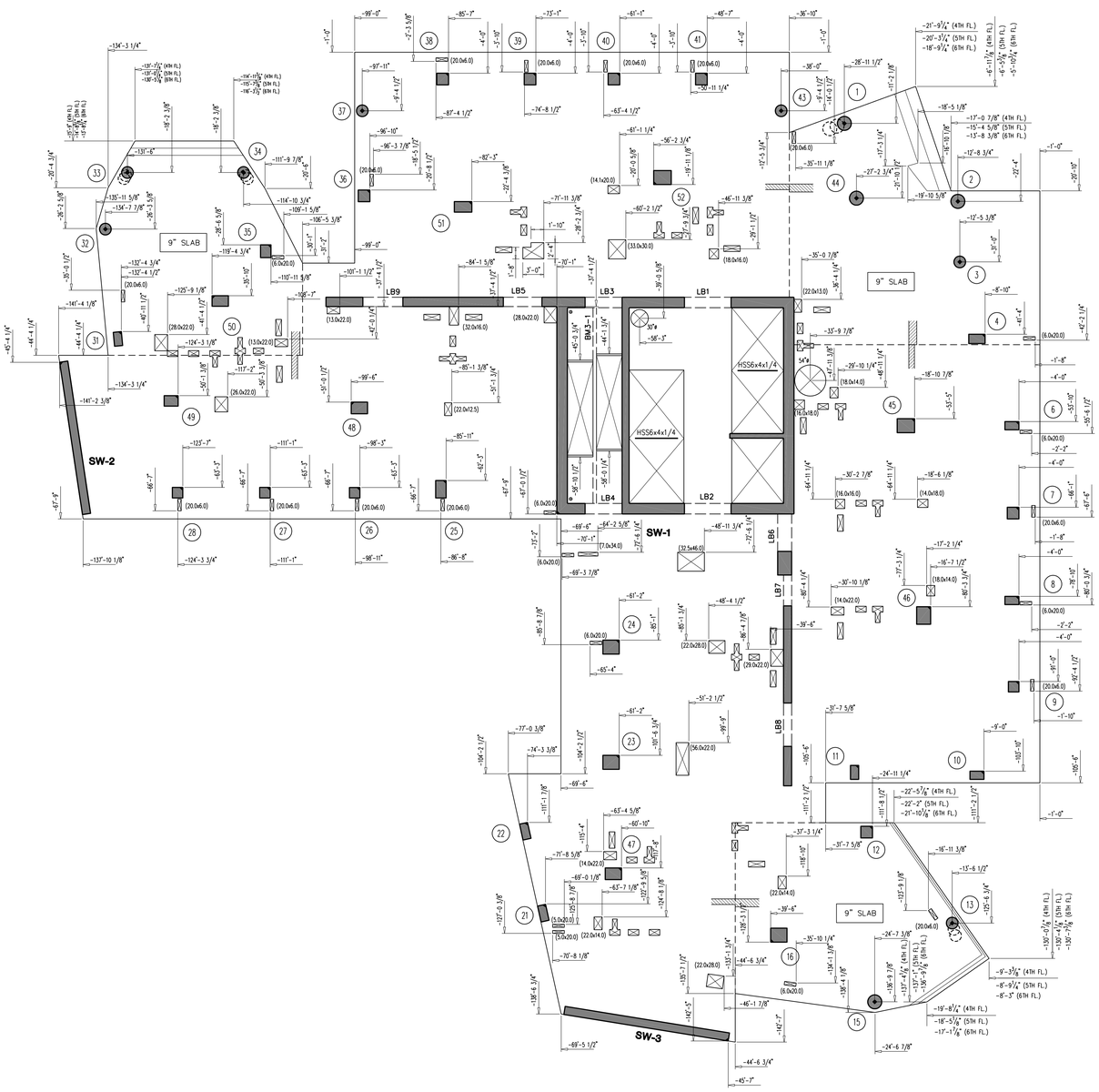
ES493441401 Scan Code



FLOOR LEVEL	T. O. SLAB EL.
4TH	+78'-3"
5TH	+88'-0"
6TH	+97'-9"

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMT-1	6x8	1#9	1#9	1L #3	6"	

TOP OF SLAB ELEVATION U.O.N.: SEE TABLE

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: f'c = 7.5 ksi

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7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. PLAN INDICATES SLOPING COLUMN COORDINATES FOR HIGHEST FLOOR LEVEL. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

Damian Titus
LICENSED PROFESSIONAL ENGINEER
Not to be Issued
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:19 AM
NYC Development Hub

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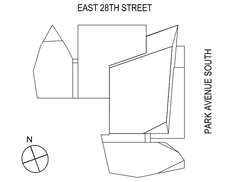
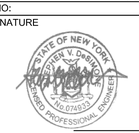
NO.	DATE	ISSUANCE
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE



DRAWING TITLE:
4TH-6TH FLOOR LAYOUT PLAN

DRAWING NO:
S-204.00

NYC DOB NO: 121181808 | 16 of 81

5620-016-S-204.dwg
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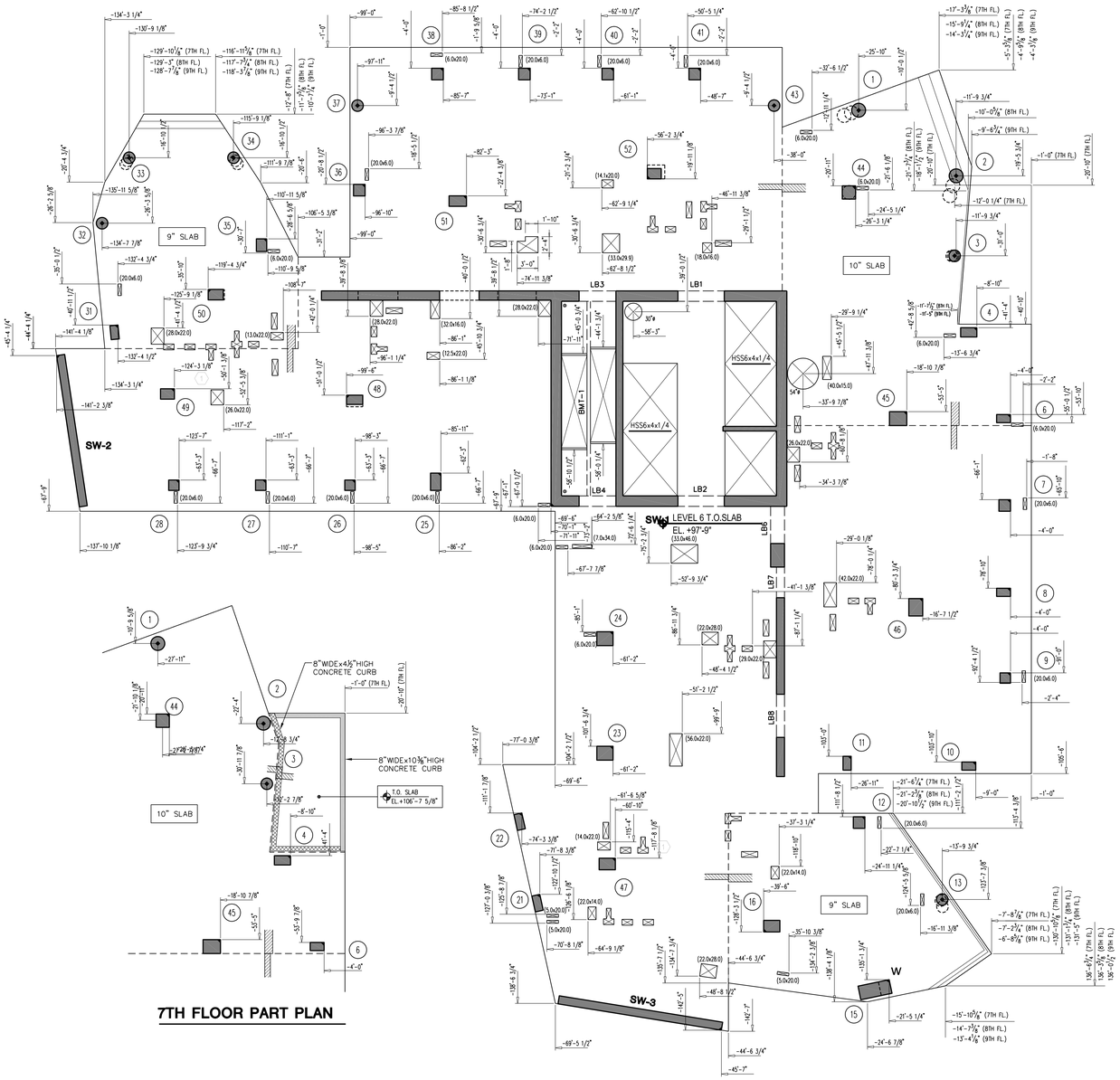
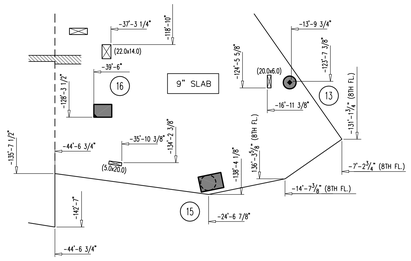
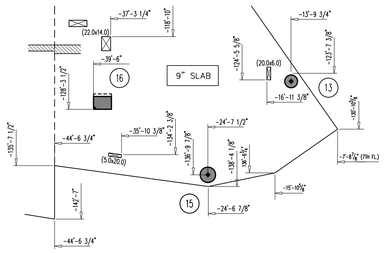
ES6282604686 Scan Code



8TH FLOOR PART PLAN



7TH FLOOR PART PLAN



7TH FLOOR PART PLAN

FLOOR LEVEL	T. O. SLAB EL
7TH	+107'-6"
8TH	+117'-3"
9TH	+127'-0"

TOP OF SLAB ELEVATION U.O.N.: **SEE TABLE**

SLAB THICKNESS U.O.N.: **t = 8"**

SLAB CONCRETE STRENGTH: **f'c = 7.5 ksi**

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. "W" INDICATES COLUMN WALK.
10. PLAN INDICATES SLOPING COLUMN COORDINATES AT T.O. SLAB LEVEL. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

Damian Titus
Licensed Professional Engineer
APPROVED
Under Directive 14 of 1975
Date/Time: Aug 30, 2012 – 10:19 AM
NYC Development Hub

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS		REMARKS
				SIZE	SPACING	
BMT-1	6x8	1#9	1#9	1L #3	6"	

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1.	02.17.2012	DESIGN DEVELOPMENT
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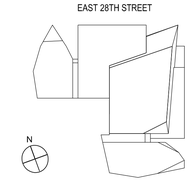
KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620
SEAL & SIGNATURE

DRAWING TITLE:
7TH-9TH FLOOR LAYOUT PLAN

DRAWING NO:
S-207.00

NYC DOB NO: 121181808 | 17 of 81

5620-017-S-207.dwg

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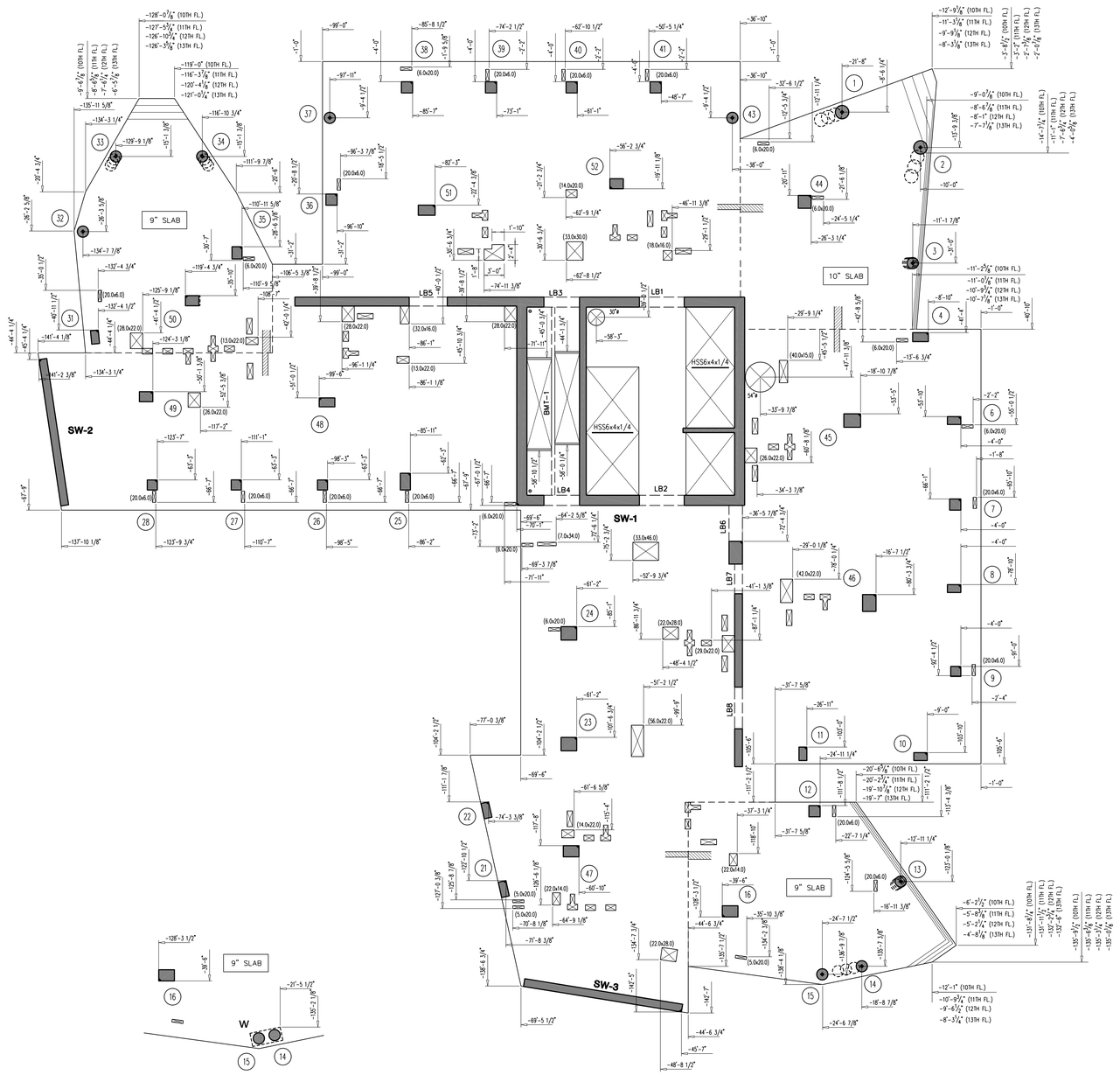
ES2080705B5 Scan Code



10TH FLOOR PART PLAN

FLOOR LEVEL	T. O. SLAB EL.
10TH	+136'-9"
11TH	+146'-6"
12TH	+156'-3"
13TH	+166'-0"

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMT-1	6x8	1#9	1#9	1L #3	6"	

TOP OF SLAB ELEVATION U.O.N.: SEE TABLE

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: 10th - 7.5 ksi, 11th-13th - 6 ksi

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. "W" INDICATES COLUMN WALK.
10. PLAN INDICATES SLOPING COLUMN COORDINATES AT ROOF LEVEL. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

Damian Titus
Under Direct Supervision of a P.E.
APPROVED
Date/Time: Aug 30, 2012 – 10:19 AM
NYC Development Hub

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1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

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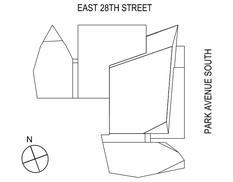

DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
10TH-13TH FLOOR LAYOUT PLAN

DRAWING NO:
S-210.00

NYC DOB NO: 121181808 | 18 of 81

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ES2509313477 Scan Code

FLOOR LEVEL	T. O. SLAB EL.
14TH	+175'-9"
15TH	+185'-6"

TOP OF SLAB ELEVATION U.O.N.: **SEE TABLE**

SLAB THICKNESS U.O.N.: **t = 8"**

SLAB CONCRETE STRENGTH: **f'c = 6 ksi**

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5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. PLAN INDICATES SLOPING COLUMN COORDINATES FOR HIGHEST FLOOR LEVEL. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:19 AM
NYC Development Hub
Damian Titus

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMT-1	6x8	1#9	1#9	1L #3	6"	

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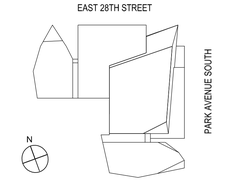

DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
STEVEN V. DESIMONE
No. 074633
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
14TH-15TH FLOOR LAYOUT PLAN

DRAWING NO:
S-214.00

NYC DOB NO: 121181808 | 19 of 81

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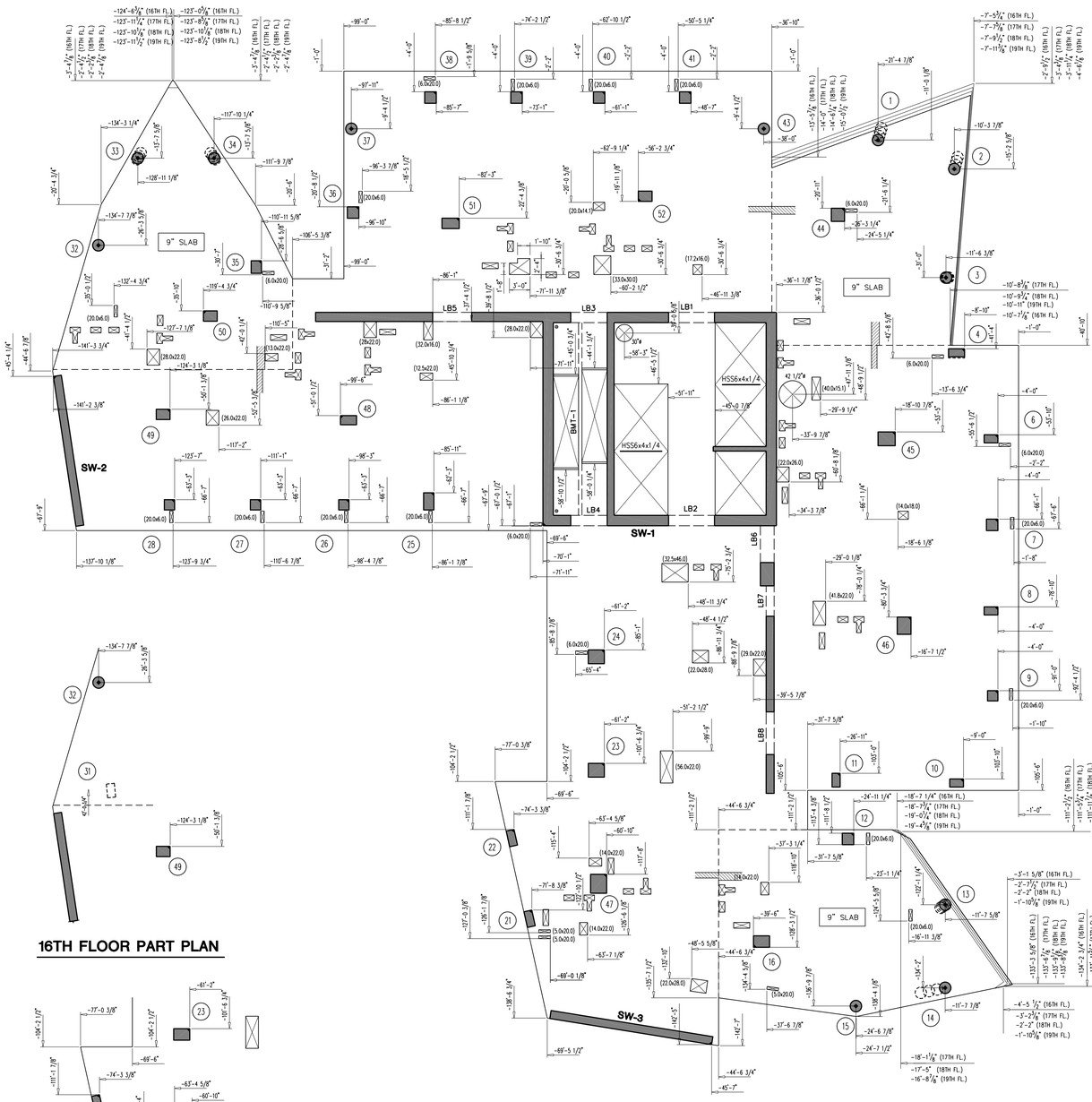
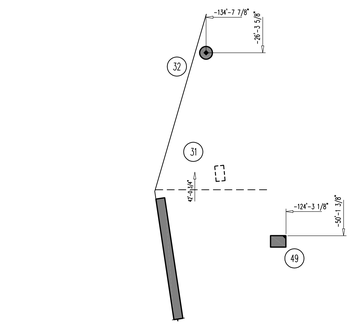
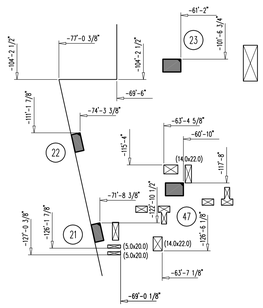
ES1124163334 Scan Code



16TH FLOOR PART PLAN



16TH & 17TH FLOOR PART PLAN



CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMT-1	6x8	1 #9	1 #9	1L #3	6"	

FLOOR LEVEL	T. O. SLAB EL
16TH	+195'-3"
17TH	+205'-0"
18TH	+214'-9"
19TH	+224'-6"

TOP OF SLAB ELEVATION U.O.N.: **SEE TABLE**

SLAB THICKNESS U.O.N.: **t = 8"**

SLAB CONCRETE STRENGTH: **f'c = 6 ksi**

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. PLAN INDICATES SLOPING COLUMN COORDINATES FOR HIGHEST FLOOR LEVEL, PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

Damian Titus
Date/Time: Aug 30, 2012 – 10:19 AM
NYC Development Hub
Under Directive 2 of 1975

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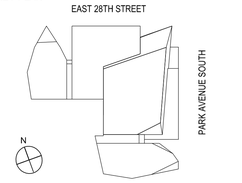
NO.	DATE	ISSUANCE
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
STEPHEN V. DIMEO
No. 074053
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
16TH-19TH FLOOR LAYOUT PLAN

DRAWING NO:
S-216.00

NYC DOB NO: 121181808 | 20 of 81

5620-000-S-216.dwg

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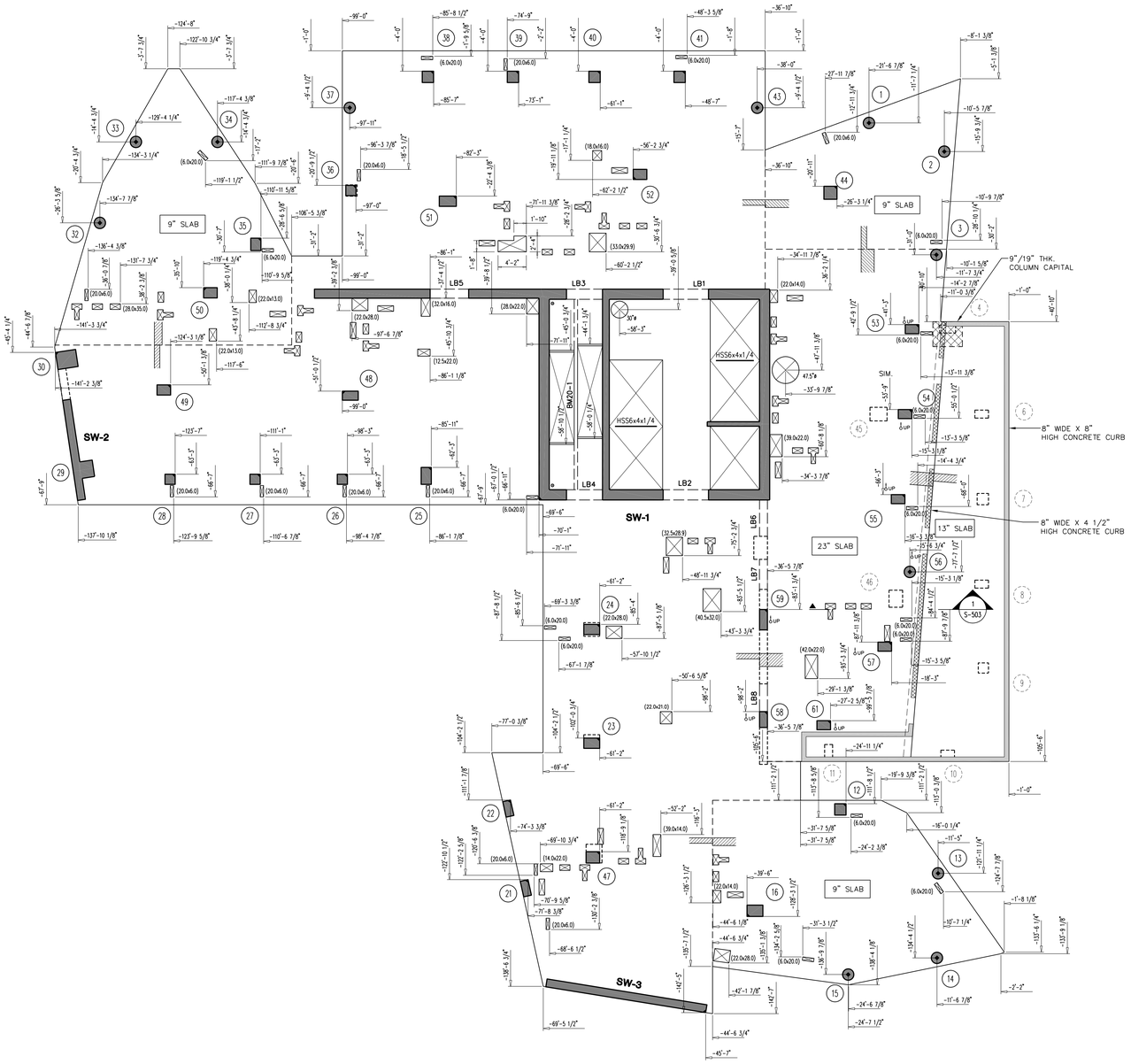
DEPT OF BLDGS 121181808 Job Number
ES2022119636 Scan Code



CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS		REMARKS
				SIZE	SPACING	
BM20-1	6x8	1#9	1#9	1L #3	6"	

TOP OF SLAB ELEVATION U.O.N.:
+234'-9"

SLAB THICKNESS U.O.N.:
t = 8"

SLAB CONCRETE STRENGTH:
20" SLAB - 8 ksi
8" / 9" SLAB - 6 ksi

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
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5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:19 AM
NYC Development Hub
Damian Titus

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3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN

DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
STEPHEN V. DESIMONE
No. 074653
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:

20TH FLOOR LAYOUT PLAN

DRAWING NO:

S-220.00

NYC DOB NO: 121181808 | 21 of 81

5620-021-S-220.dwg

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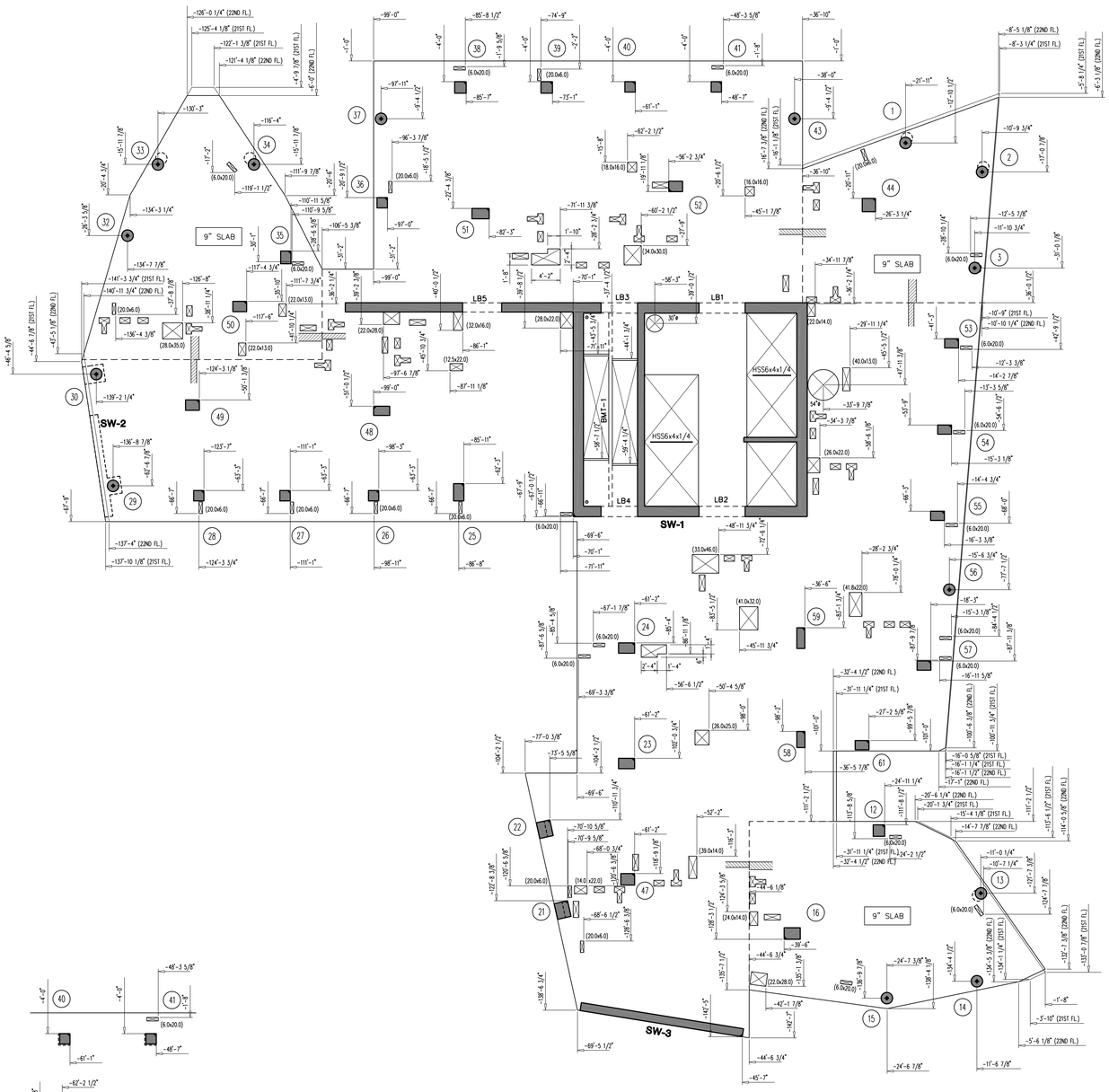
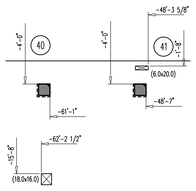
DEPT OF BLDGS 121181808 Job Number
ES8908851946 Scan Code





21ST FLOOR PART PLAN

FLOOR LEVEL	T. O. SLAB EL.
21ST	+244'-6"
22ND	+256'-3"

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS		REMARKS
				SIZE	SPACING	
BMT-1	6x8	1#9	1#9	1L #3	6"	

TOP OF SLAB ELEVATION U.O.N.: SEE TABLE

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: f'c = 5 ksi

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Damian Titus
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NO.	DATE	ISSUANCE
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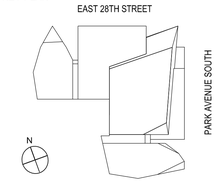
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
21ST AND 22ND FLOOR LAYOUT PLAN

DRAWING NO:
S-221.00

NYC DOB NO: 121181808 | 22 of 81

5620-022-S-221.dwg

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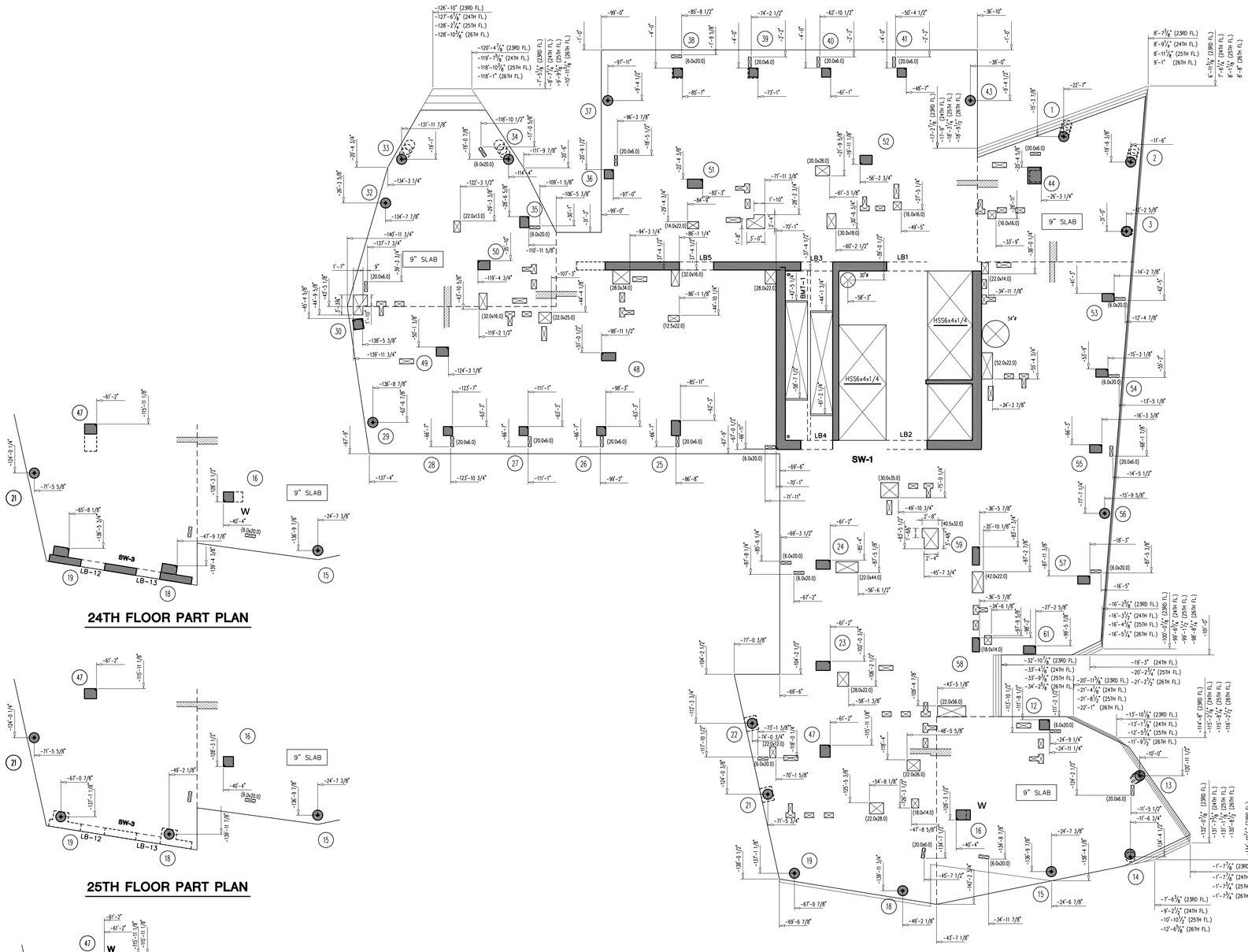
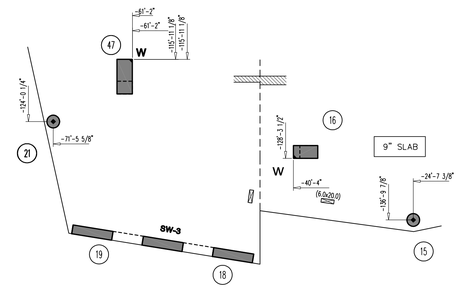
ES886303010 Scan Code

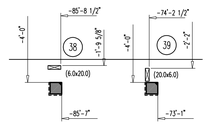


24TH FLOOR PART PLAN

25TH FLOOR PART PLAN



23RD FLOOR PART PLAN



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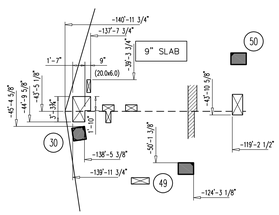

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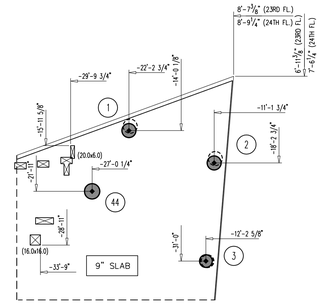
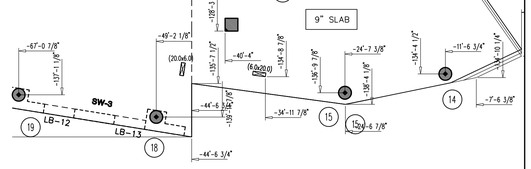


23TH-24TH FLOOR PART PLAN



23RD-25TH FLOOR PART PLAN FOR SLAB EDGE

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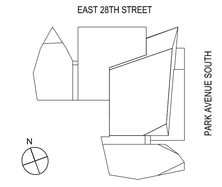
KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
23RD-26TH FLOOR LAYOUT PLAN

DRAWING NO:
S-223.00

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS		REMARKS
				SIZE	SPACING	
BMT-1	6x8	1#9	1#9	1L #3	6"	

FLOOR LEVEL	T. O. SLAB EL
23RD	+266'-0"
24TH	+275'-9"
25TH	+285'-6"
26TH	+295'-3"

TOP OF SLAB ELEVATION U.O.N.:
SEE TABLE

SLAB THICKNESS U.O.N.:
t = 8"

SLAB CONCRETE STRENGTH:
f'c = 5 ksi

DRAWING NOTES:

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5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. "W" INDICATES COLUMN WALK.
10. PLAN INDICATES SLOPING COLUMN COORDINATES AT SLAB LEVEL. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

Damian Titus
APPROVED
Under Directive of 925
Date/Time: Aug 30, 2012 – 10:20 AM
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NYC DOB NO: 121181808 | 23 of 81

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DEPT OF BLDGS 121181808 Job Number
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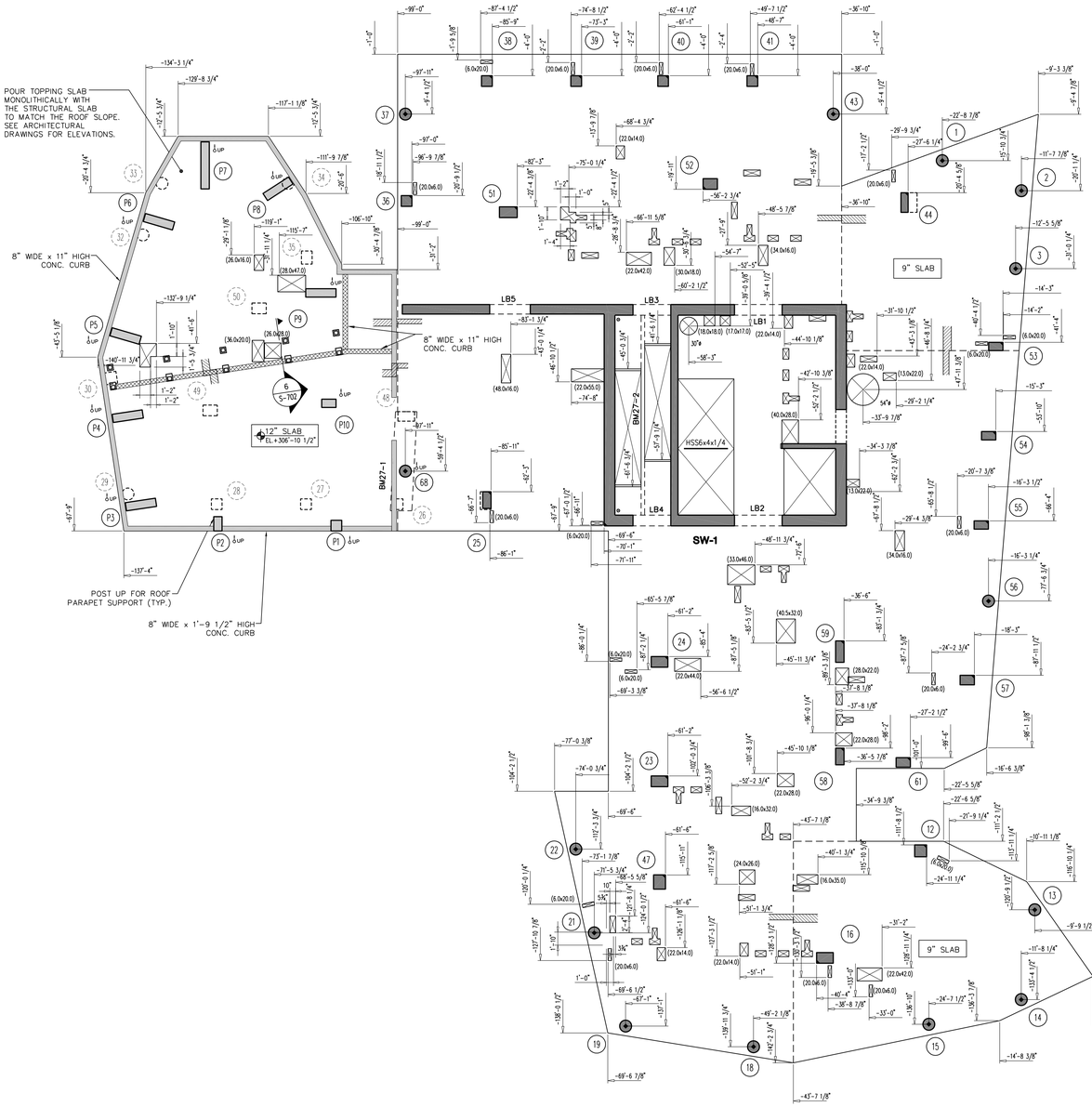

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS		REMARKS
				SIZE	SPACING	
BM27-1	36x48	14#8	6#8	6L #4	12"	
BM27-2	6x8	1#9	1#9	1L #3	6"	

TOP OF SLAB ELEVATION U.O.N.: +307'-9'

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: f'c = 5 ksi

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
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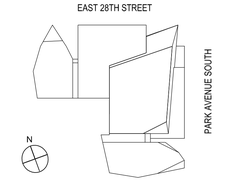
NO.	DATE	ISSUANCE
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
STEVEN V. D'ARIENZO
NO. 074052
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
27TH FLOOR LAYOUT PLAN

DRAWING NO:
S-227.00

NYC DOB NO: 121181808 | 24 of 81

5620-024-S-227.dwg

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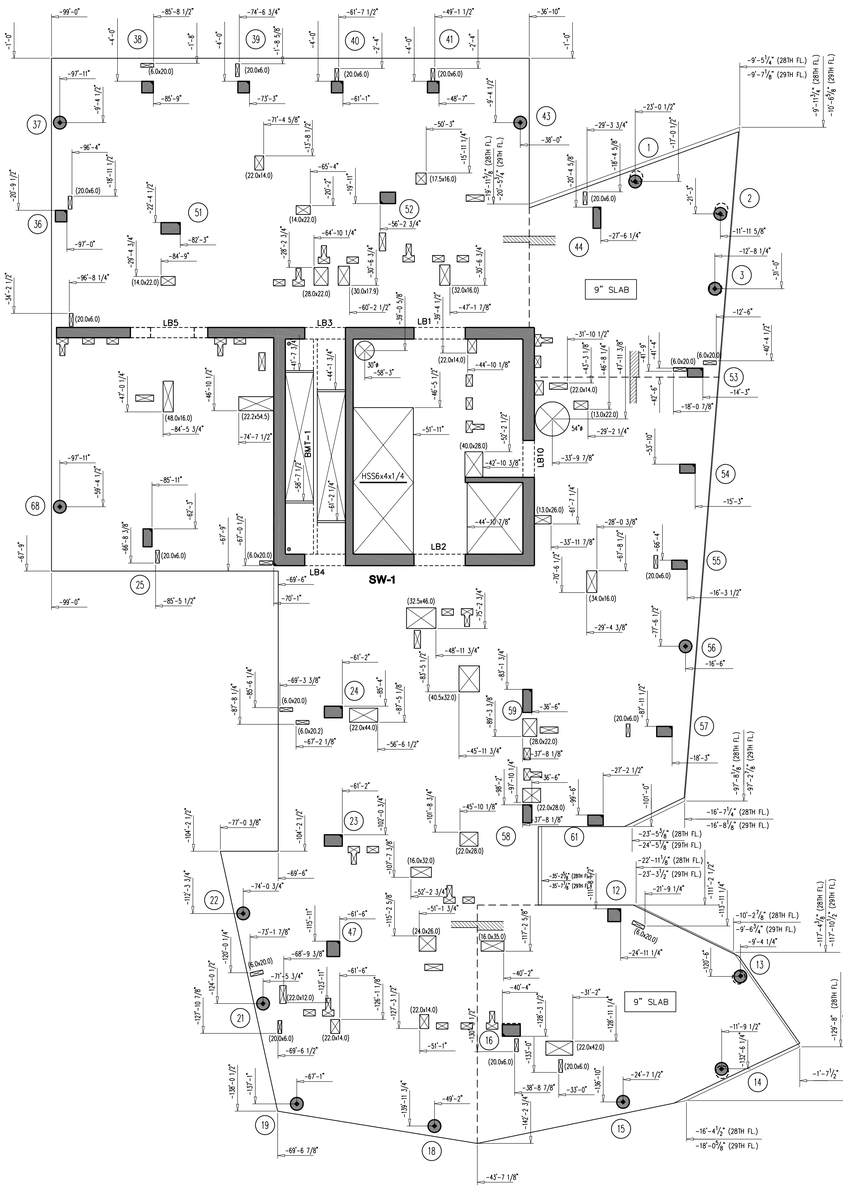


1 28TH-29TH FLOOR LAYOUT PLAN

FLOOR LEVEL	T. O. SLAB EL
28TH	+317'-6"
29TH	+327'-3"

TOP OF SLAB ELEVATION U.O.N.: SEE TABLE

SLAB THICKNESS U.O.N.: t = 8"

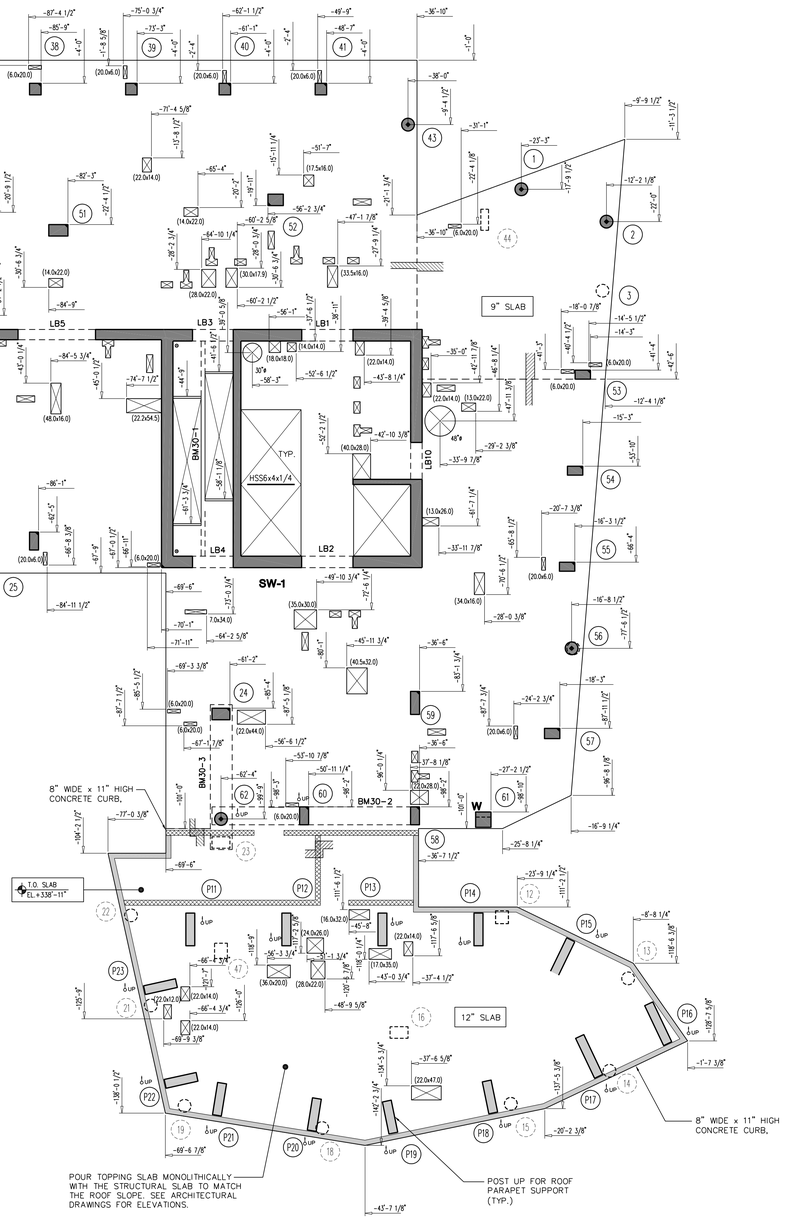
SLAB CONCRETE STRENGTH: f'c = 5 ksi

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. PLAN INDICATES SLOPING COLUMN COORDINATES FOR HIGHEST FLOOR LEVEL. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMT-1	6x8	1#9	1#9	1L #3	6"	



2 30TH FLOOR LAYOUT PLAN

TOP OF SLAB ELEVATION U.O.N.: +339'-9"

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: SEE DRAWING NOTES

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. CONCRETE STRENGTH FOR SLABS SHALL BE THE FOLLOWING:
   f'c = 7000 PSI – 14" SLABS
   f'c = 5000 PSI – 8" AND 9" SLABS
6. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
7. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
8. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BM30-1	6x8	1#9	1#9	1L #3	6"	
BM30-2	28x42	16#11	6#8	6L #4	12"	3#5 SIDE BARS (E.F.)
BM30-3	28x42	16#11	6#8	6L #4	12"	3#5 SIDE BARS (E.F.)

Damian Titus
Buildings
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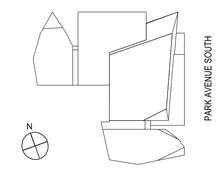
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
STEVEN V. DESIMONE
LIC. NO. 074933
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
28TH-29TH AND 30TH FLOOR LAYOUT PLANS

DRAWING NO:
S-228.00

NYC DOB NO: 121181808 | 25 of 83

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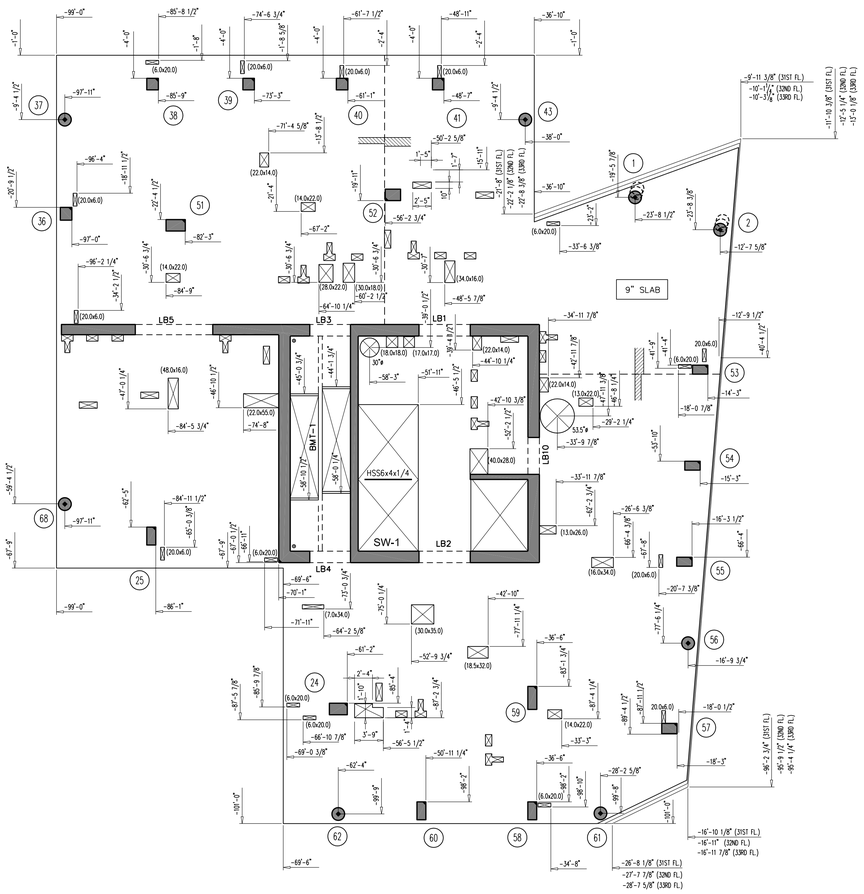
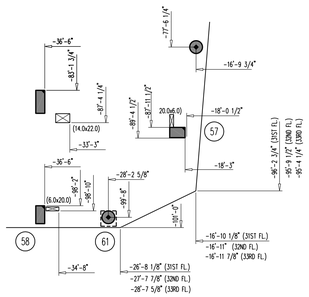


1 31ST-33TH FLOOR LAYOUT PLAN



2 31ST FLOOR LAYOUT PLAN

FLOOR LEVEL	T. O. SLAB EL.
31ST	+349'-6"
32ND	+359'-3"
33RD	+369'-0"

TOP OF SLAB ELEVATION U.O.N.: SEE TABLE

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: f'c = 5 ksi

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
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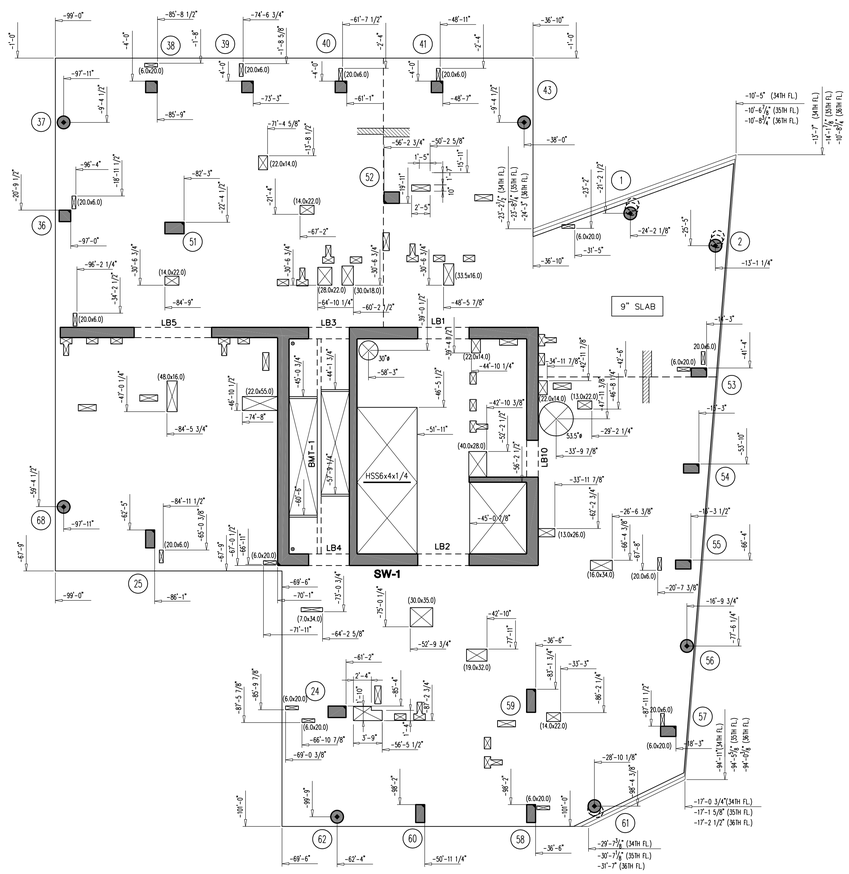
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. PLAN INDICATES SLOPING COLUMN COORDINATES FOR HIGHEST FLOOR LEVEL. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMT-1	6x8	1#9	1#9	1L #3	6"	



3 34TH-36TH FLOOR LAYOUT PLAN

FLOOR LEVEL	T. O. SLAB EL.
34TH	+378'-9"
35TH	+388'-6"
36TH	+398'-3"

TOP OF SLAB ELEVATION U.O.N.: SEE TABLE

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: f'c = 5 ksi

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. PLAN INDICATES SLOPING COLUMN COORDINATES FOR HIGHEST FLOOR LEVEL. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMT-1	6x8	1#9	1#9	1L #3	6"	

Damian Titus
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NO.	DATE	ISSUANCE
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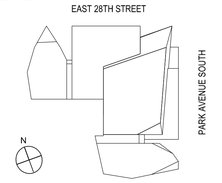
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
STEVEN V. DESIMONE
No. 074653
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
31ST-33RD AND 34TH-36TH FLOOR LAYOUT PLANS

DRAWING NO:
S-231.00

NYC DOB NO: 121181808 26 of 81

5620-026-S-231.dwg

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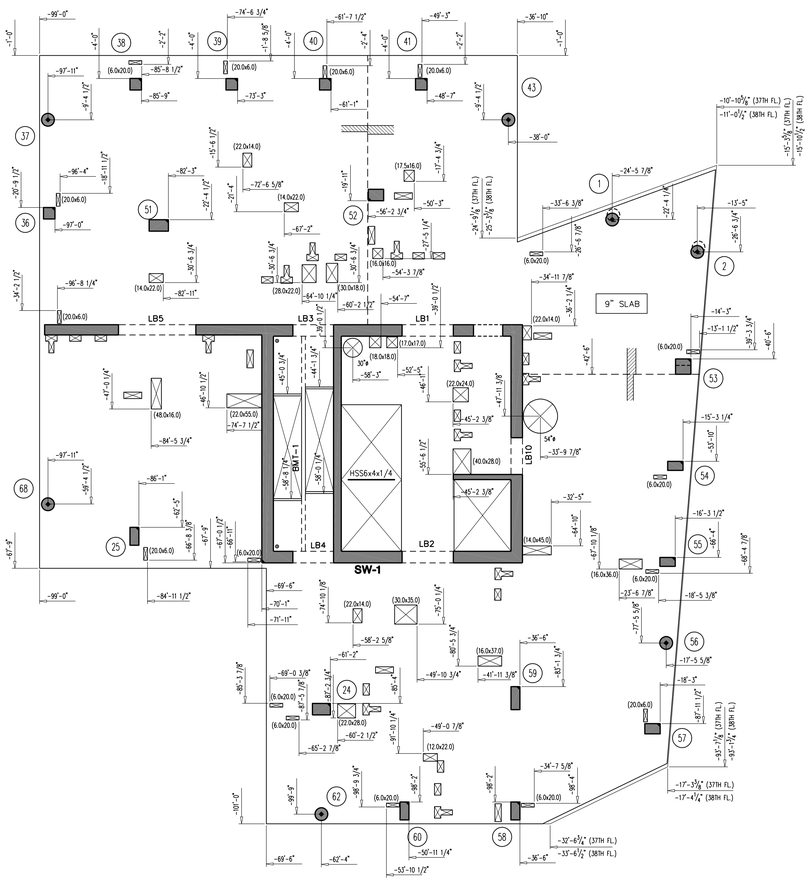
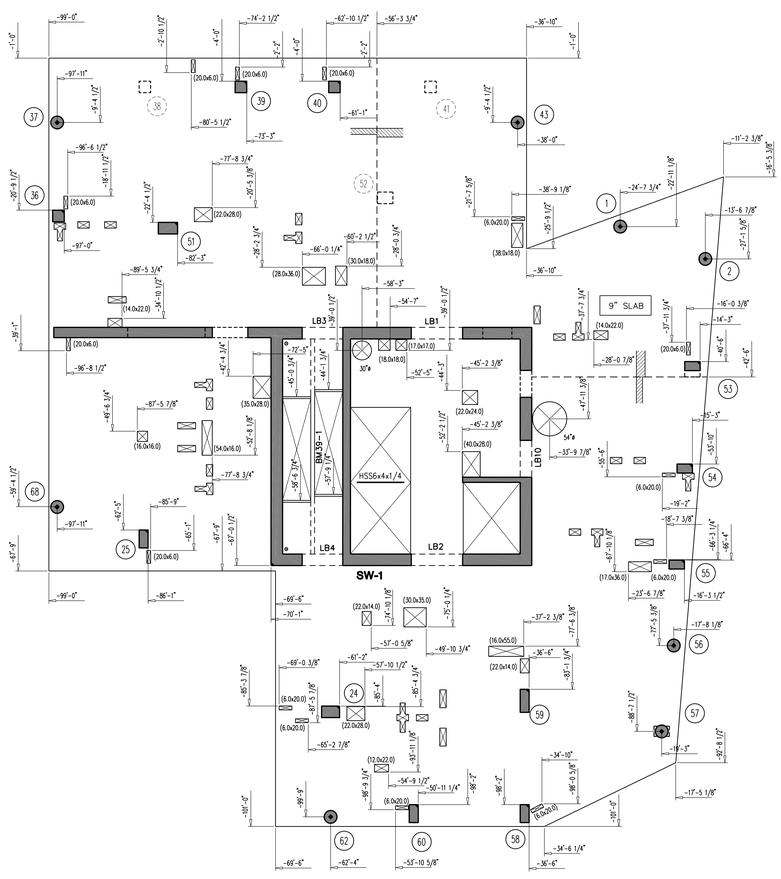


1 37TH-38TH FLOOR LAYOUT PLAN



2 39TH FLOOR LAYOUT PLAN

FLOOR LEVEL	T. O. SLAB EL.
37TH	+408'-0"
38TH	+417'-9"

TOP OF SLAB ELEVATION U.O.N.: **SEE TABLE**

SLAB THICKNESS U.O.N.: **t = 8"**

SLAB CONCRETE STRENGTH: **f'c = 5 ksi**

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
6. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.
9. PLAN INDICATES SLOPING COLUMN COORDINATES FOR HIGHEST FLOOR LEVEL. PLEASE REFER TO ARCHITECTURAL DRAWINGS FOR SLOPING COLUMN COORDINATES ON OTHER FLOORS.

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMT-1	6x8	1#9	1#9	1L #3	6"	

TOP OF SLAB ELEVATION U.O.N.: **+427'-6"**

SLAB THICKNESS U.O.N.: **t = 8"**

SLAB CONCRETE STRENGTH: **f'c = 5 ksi**

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
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7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

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Under Directive 2 of 1975
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CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BM39-1	6x8	1#9	1#9	1L #3	6"	

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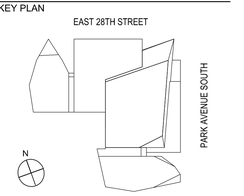
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK · PETER V. PASCO · 090 · LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
37TH-38TH AND 39TH FLOOR LAYOUT PLANS

DRAWING NO:
S-237.00

NYC DOB NO: 121181808 | 27 of 81

5620-027-S-237.dwg
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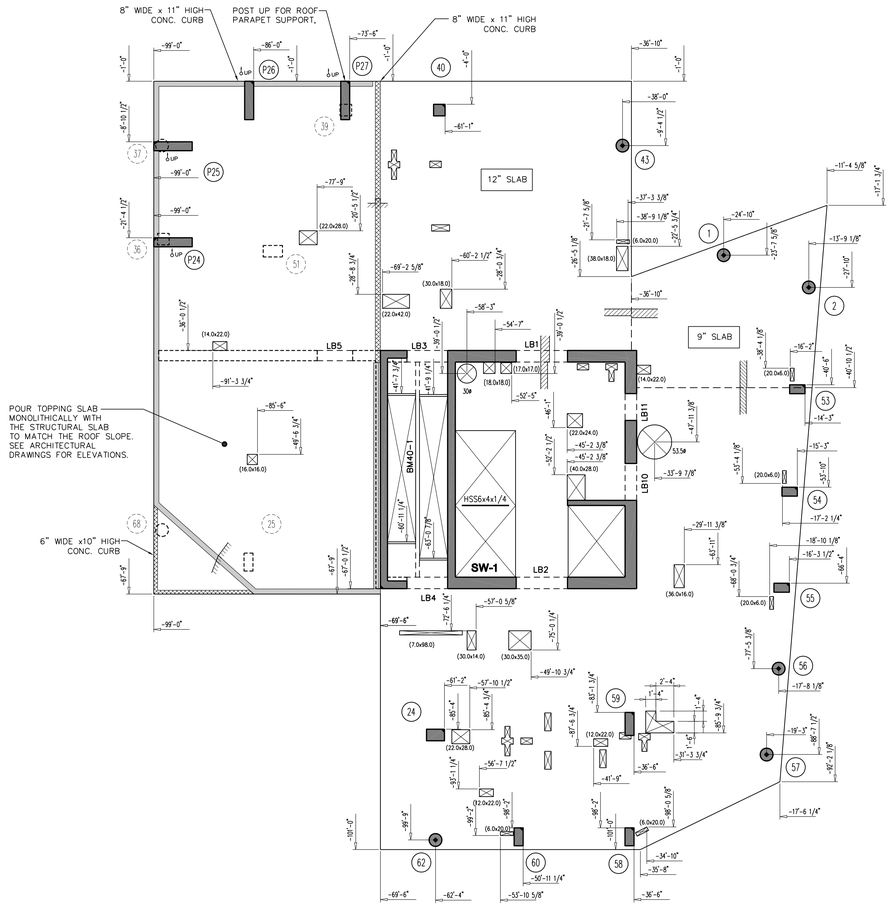
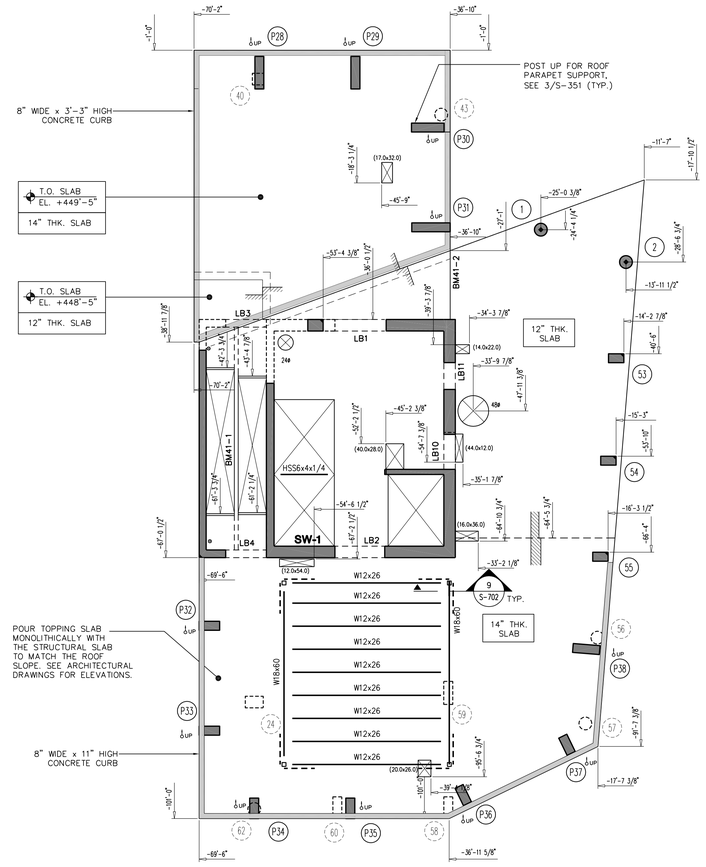
DEPT OF BLDGS121181808 Job Number
ES3221352160 Scan Code



1 40TH FLOOR LAYOUT PLAN



2 ROOF LAYOUT PLAN

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS		REMARKS
				SIZE	SPACING	
BM40-1	6x8	1#9	1#9	1L #3	6"	

TOP OF SLAB ELEVATION U.O.N.: +439'-4"

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: f'c = 5 ksi

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
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7. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
8. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS		REMARKS
				SIZE	SPACING	
BM41-3	6x12	1#9	1#9	1L #3	6"	

TOP OF SLAB ELEVATION U.O.N.: +451'-9"

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: f'c = 5 ksi

DRAWING NOTES:

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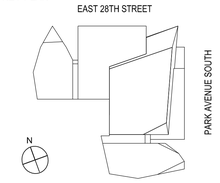
KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
40TH AND ROOF FLOOR LAYOUT PLANS

DRAWING NO:
S-240.00

NYC DOB NO: 121181808 | 28 of 81

5620-028-S-240.dwg
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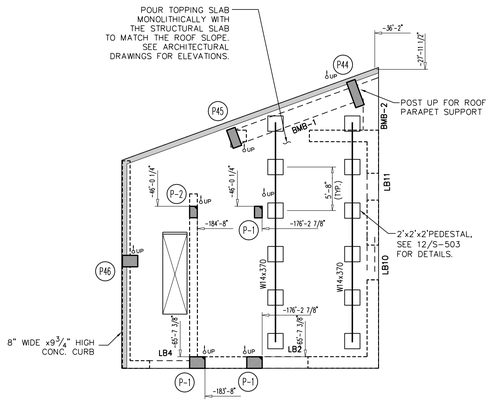
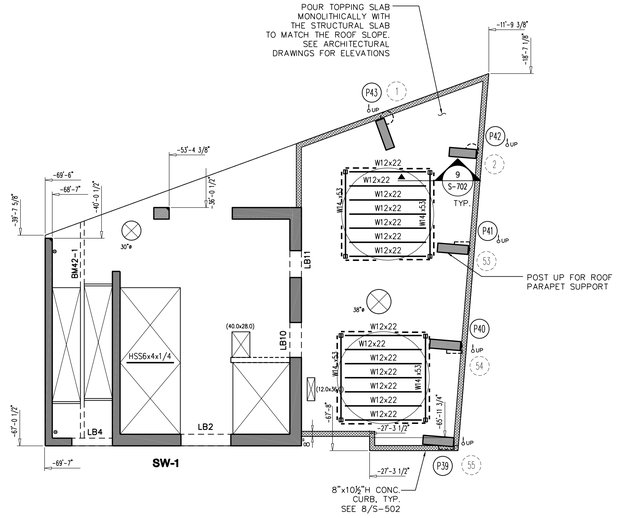


2 EMR FREIGHT FLOOR LAYOUT PLAN



1 42ND FLOOR LAYOUT PLAN

3 FREIGHT EMR ROOF PLAN

FLOOR LEVEL	T. O. SLAB EL.
42ND	+463.11'
EMR ROOF	+472.11'
FREIGHT EMR ROOF	+482.11'

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BM42-1	6X12	1@9	1@9	1L @3	6"	
BMB-1	24x40	4@8	4@8	2L @4	12"	@4@12" O.C. SIDE BARS
BMB-2	34x40	4@8	4@8	2L @4	12"	@4@12" O.C. SIDE BARS

TOP OF SLAB ELEVATION U.O.N.: SEE TABLE

SLAB THICKNESS U.O.N.: AS NOTED

SLAB CONCRETE STRENGTH: f'c = 5 ksi

DRAWING NOTES:

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3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
5. 'P-1' INDICATES 24"x18" POST w/ 10#5 VERT. AND #3@10" O.C. TIES. 'P-2' INDICATES 18"x12" POST w/ 6#5 VERT. AND #3@10" O.C. TIES.
6. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
7. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
8. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

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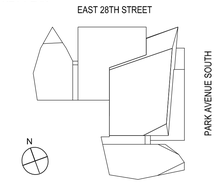

DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:

BULKHEAD LAYOUT PLANS

DRAWING NO:

S-242.00

NYC DOB NO: 121181808 | 29 of 81

5620-029-S-242.dwg

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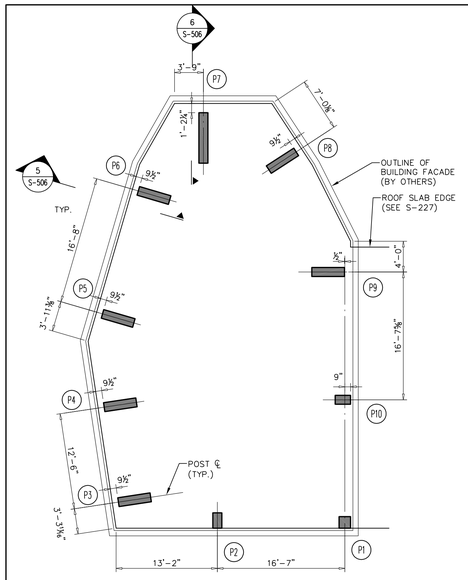
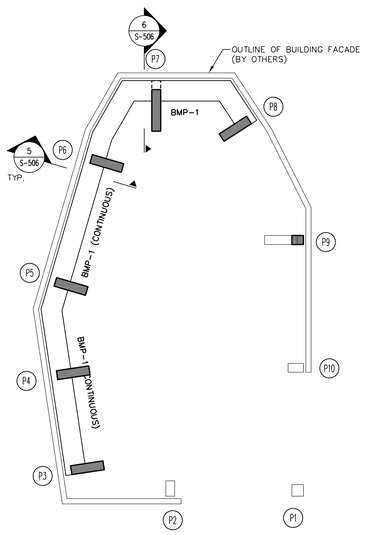
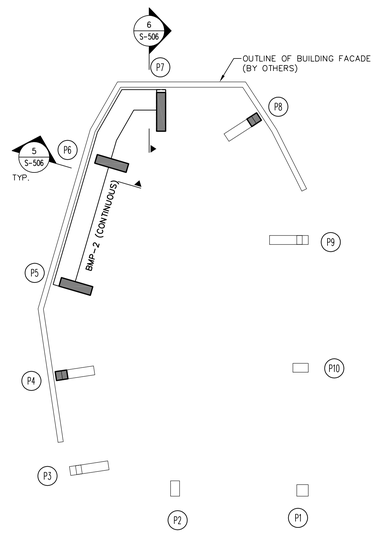


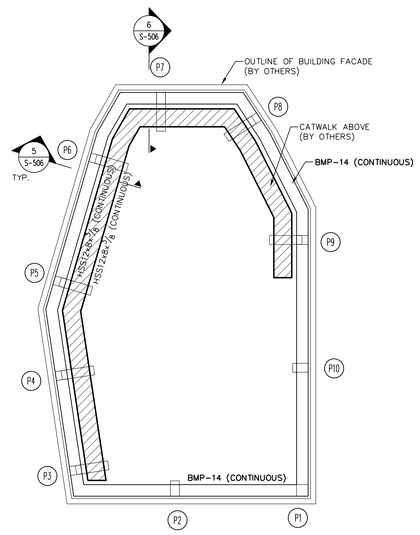
PLAN AT 27th FLOOR
(EL SEE PLAN)



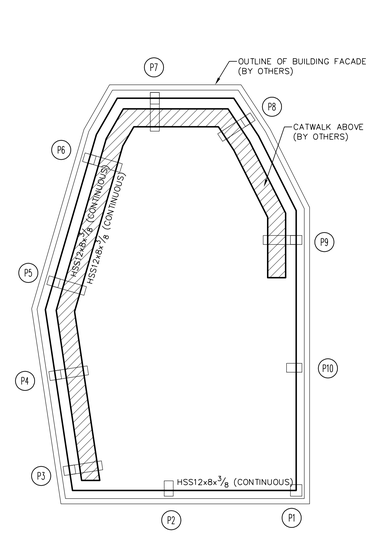
PLAN AT RING BEAM
LEVEL 1 (EL. +316'-6")



PLAN AT RING BEAM
LEVEL 2 (EL. +326'-3")



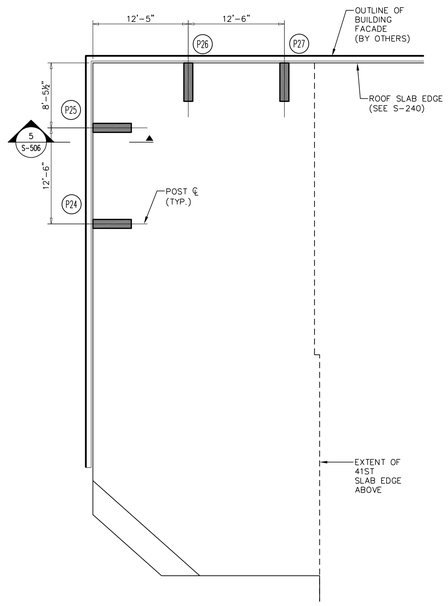
PLAN AT CONC RING BEAM
CATWALK LEVEL (EL VARIES)
(OPTION A)



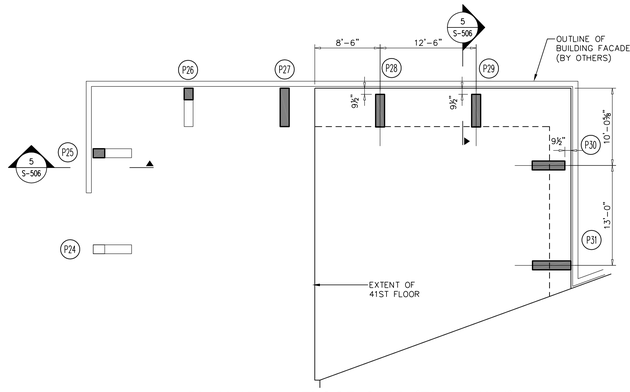
PLAN AT STEEL RING BEAM
CATWALK LEVEL (EL VARIES)
(OPTION B)

1 PARAPET ENCLOSURE AT 28th STREET PAVILION

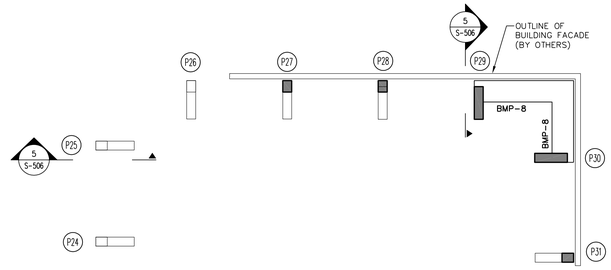
SCALE: 1/8" = 1'-0"



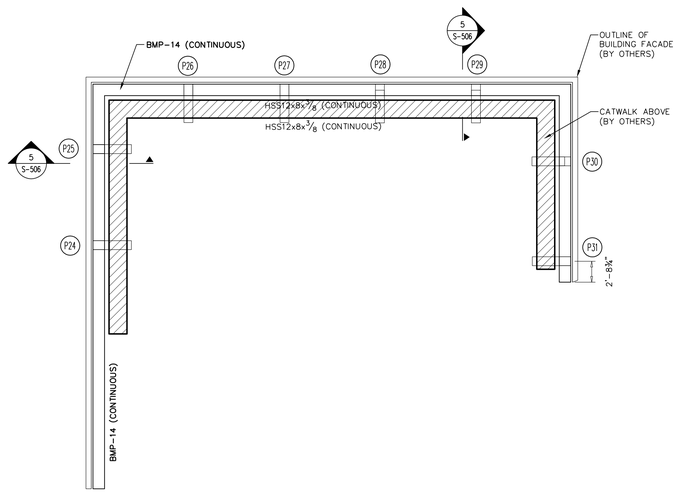
PLAN AT 40th FLOOR SLAB (EL +439'-4")



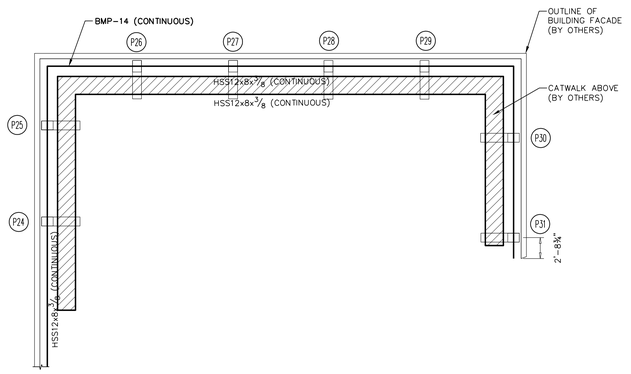
PLAN AT 41st FLOOR SLAB (EL +449'-5")



PLAN AT RING BEAM LEVEL 1 (EL +457'-5")



PLAN AT CATWALK - CONC RING BEAM (EL VARIES)
(OPTION A)



PLAN AT CATWALK - STEEL RING BEAM (EL VARIES)
(OPTION B)

2 PARAPET ENCLOSURE AT 28th STREET TOWER

SCALE: 1/8" = 1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. OTHER STRUCTURAL ELEMENTS NOT SHOWN ON THIS PLAN.
3. SEE S-403 FOR POST SCHEDULES.
4. SEE S-253 FOR BEAM SCHEDULES.
5. CONCRETE STRENGTHS ON PLAN SHALL BE MIN.

Damian Titus

APPROVED
Under Directive 2 of 1975

Date/Time: Aug 30, 2012 – 10:20 AM

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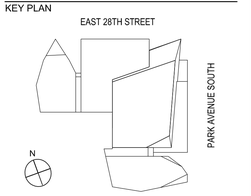
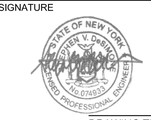
NO.	DATE	ISSUANCE
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE



DRAWING TITLE:
ROOF PARAPET AND ENCLOSURE FRAMING PLANS

DRAWING NO:
S-251.00

NYC DOB NO: 121181808 | 30 of 81

5620-030-S-251.dwg

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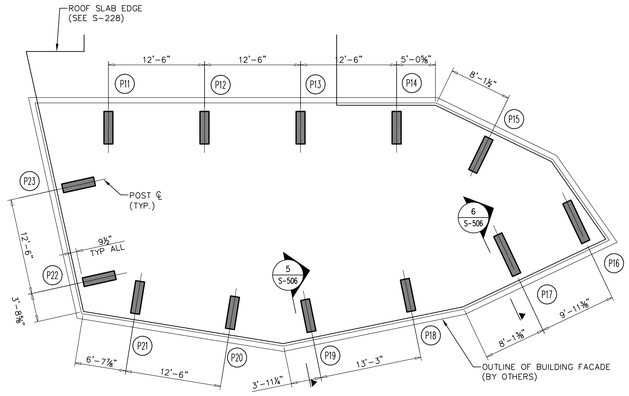
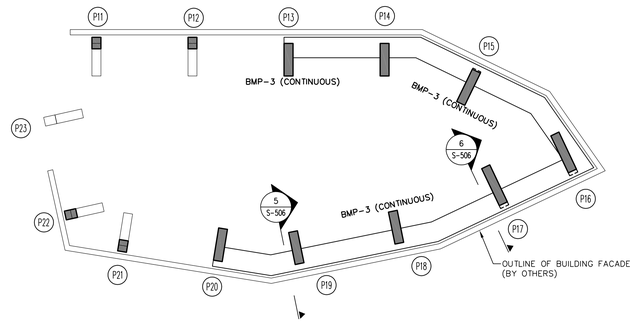
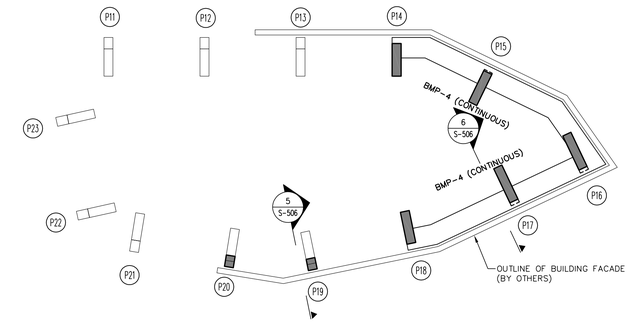
DEPT OF BLDGS121181808 Job Number
ES/05828535 Scan Code



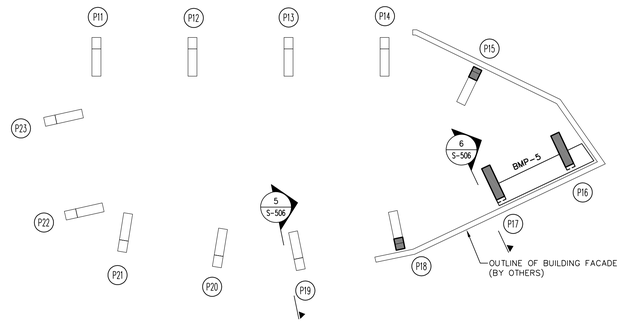
PLAN AT 30th FLOOR SLAB (EL +338'-9")



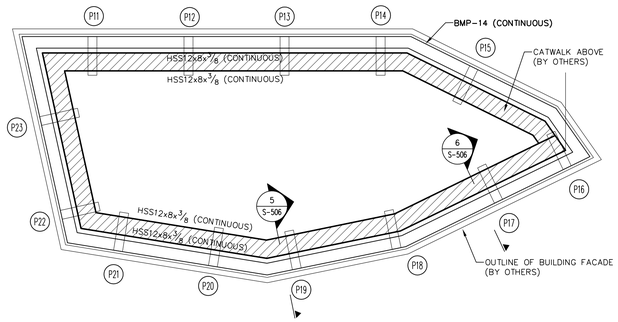
PLAN AT RING BEAM LEVEL 1 (EL +349'-6")



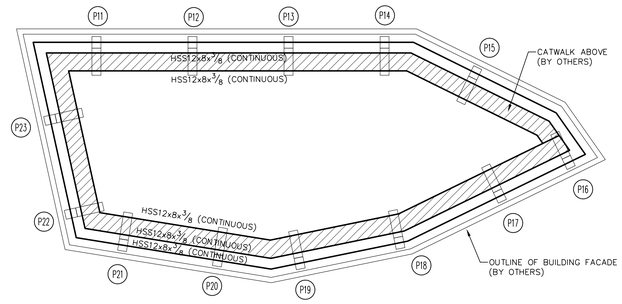
PLAN AT RING BEAM LEVEL 2 (EL +359'-3")



PLAN AT RING BEAM LEVEL 3 (EL +367'-9")



PLAN AT CATWALK - CONC RING BEAM (EL VARIES)
(OPTION A)



PLAN AT CATWALK - STEEL RING BEAM (EL VARIES)
(OPTION B)

1 **PARAPET ENCLOSURE AT PARK AVE. PAVILION**
SCALE: 1/8" = 1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. OTHER STRUCTURAL ELEMENTS NOT SHOWN ON THIS PLAN.
3. SEE S-403 FOR POST AND BEAM SCHEDULES.
4. SEE S-254 FOR ELEVATION.
5. CONCRETE STRENGTHS ON PLAN SHALL BE [illegible]

Damian Titus

APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:20 AM
NYC Development Hub

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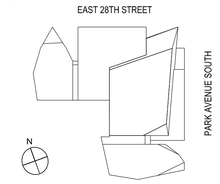
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



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SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:
ROOF PARAPET AND
ENCLOSURE FRAMING PLANS

DRAWING NO:
S-252.00

NYC DOB NO: 121181808 | 31 of 81

5620-031-S-252.dwg
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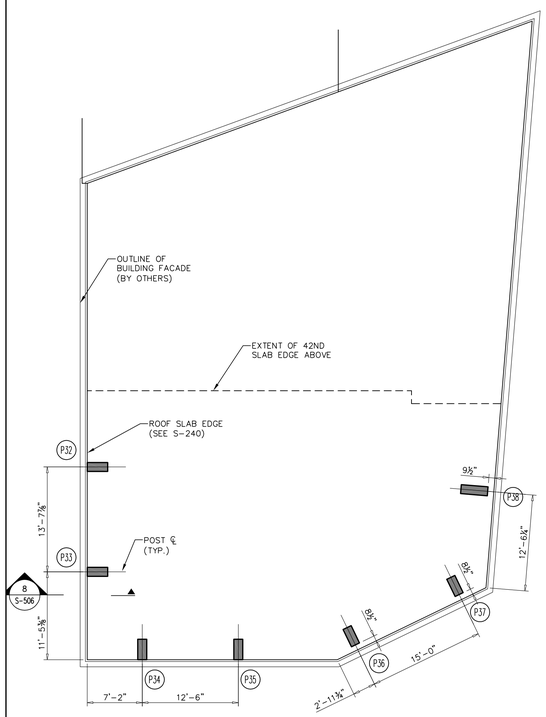
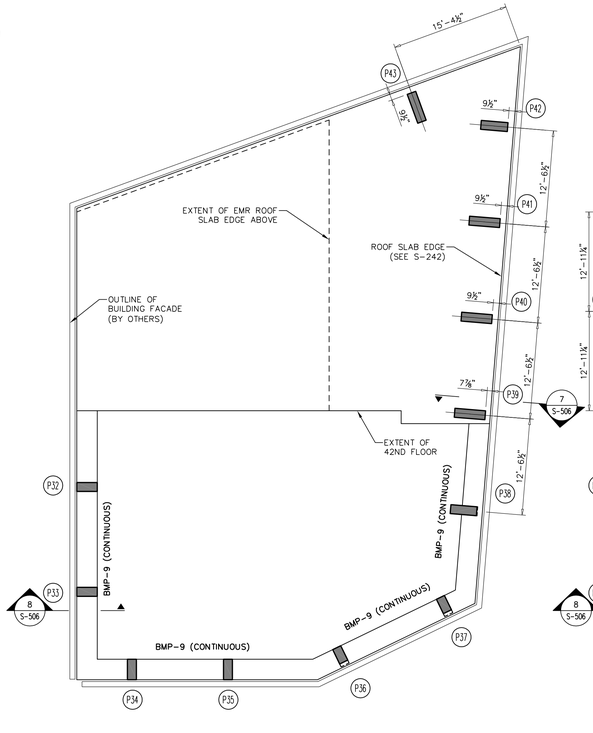
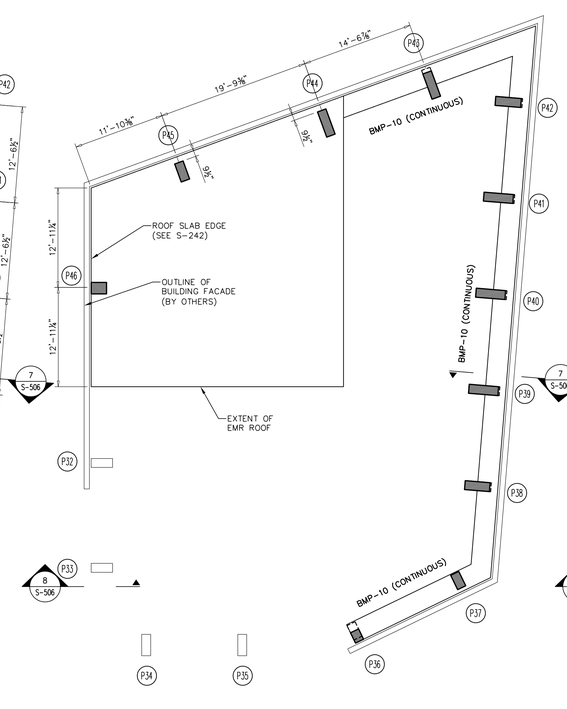
DEPT OF BLDGS 121181808 Job Number
ES260096444 Scan Code



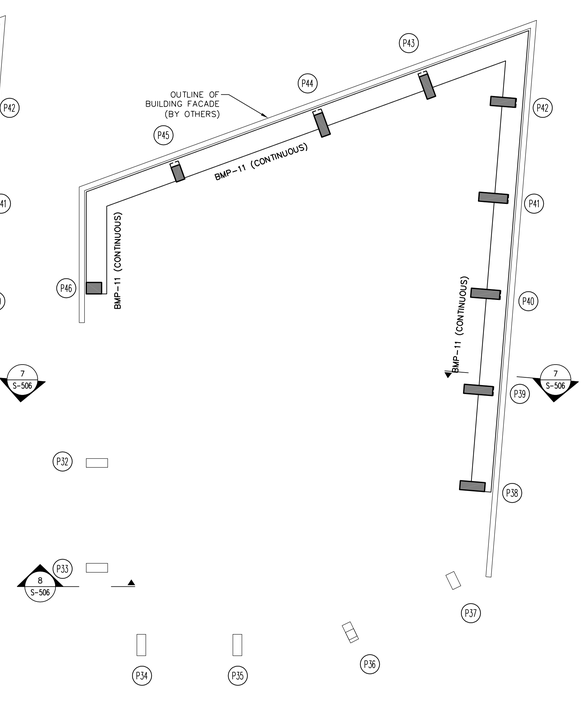
PLAN AT 41st FLOOR SLAB (EL +451'-9")



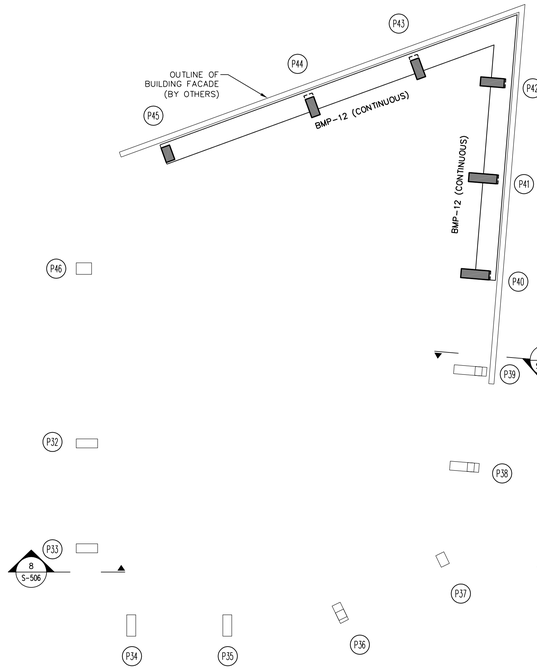
PLAN AT 42nd FLOOR SLAB (EL +463-11")



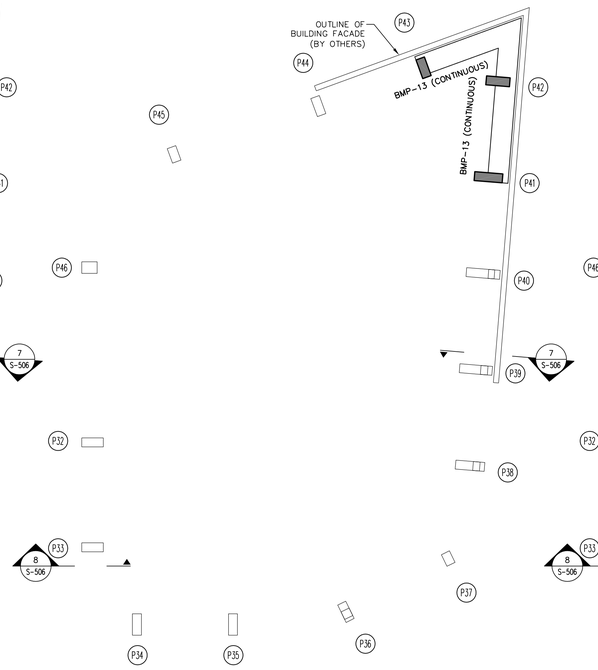
PLAN AT EMR ROOF (EL +472'-11")



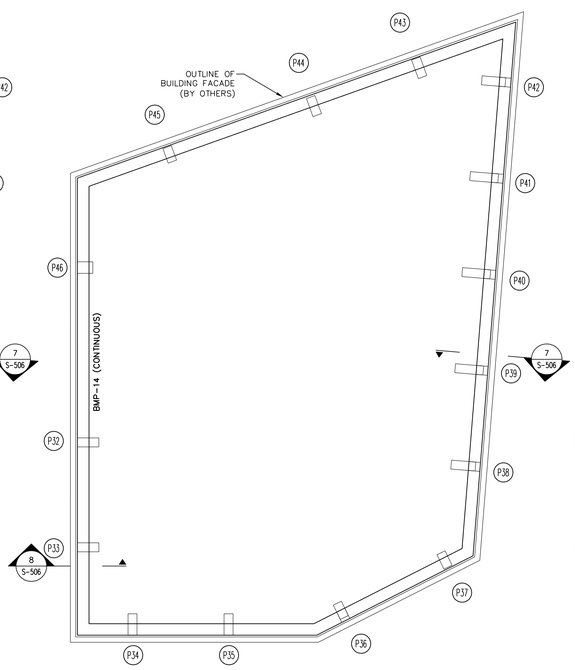
PLAN AT RING BEAM LEVEL 1 (EL +481'-11")



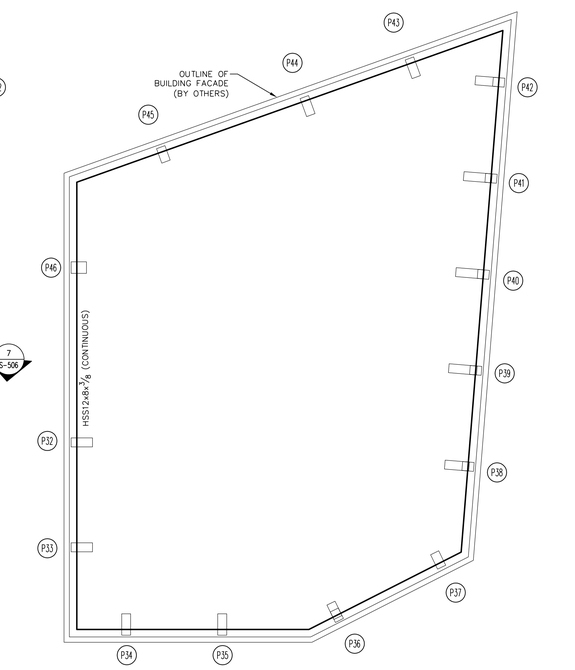
PLAN AT RING BEAM LEVEL 2 (EL +490'-11")



PLAN AT RING BEAM LEVEL 3 (EL +499'-11")



PLAN AT CONC RING BEAM (EL VARIES)
(OPTION A)



PLAN AT STEEL RING BEAM (EL VARIES)
(OPTION B)

1 PARAPET ENCLOSURE AT THE CORNER PAVILION
SCALE: 1/8" = 1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. OTHER STRUCTURAL ELEMENTS NOT SHOWN ON THIS PLAN.
3. SEE S-403 FOR POST SCHEDULES.
4. CONCRETE STRENGTHS ON PLAN SHALL BE 5000 PSI.

Damian Titus
DOB Approved Plans
APPROVED
Under Directive 2 of 1975
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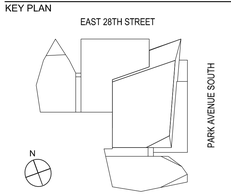
KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK
CHRISTOPHER V. D'AMICO
No. 074933
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
ROOF PARAPET AND ENCLOSURE FRAMING PLANS

DRAWING NO:
S-253.00

NYC DOB NO: 121181808 | 32 of 81

5620-032-S-253.dwg
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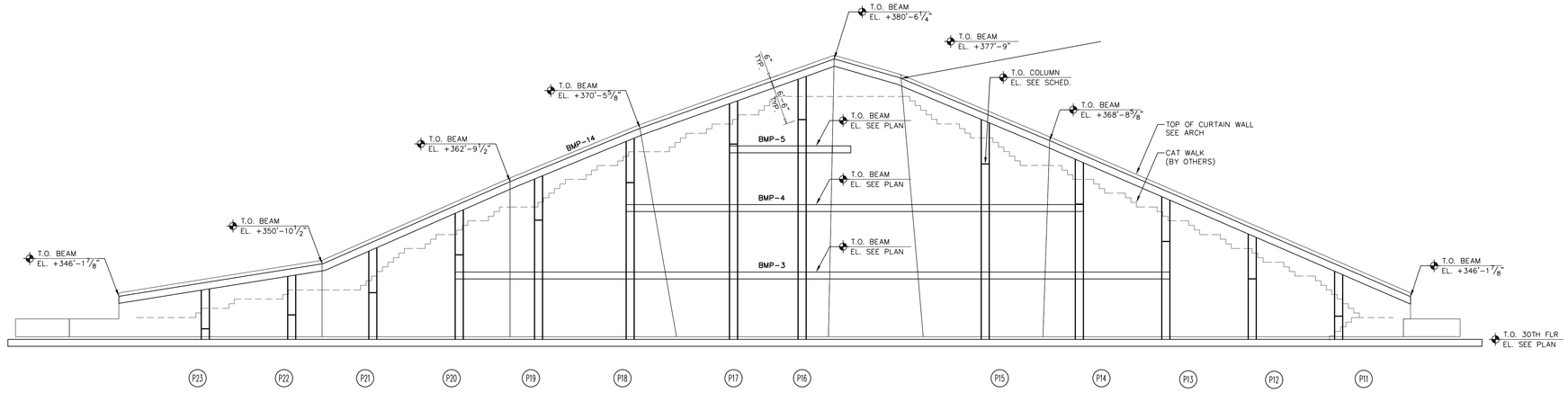
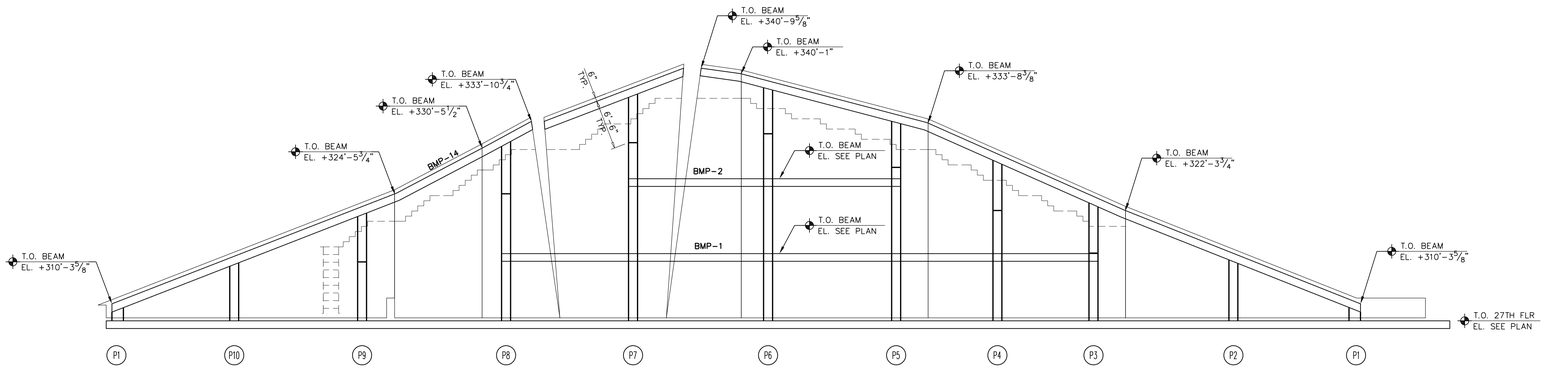
ES341136583 Scan Code



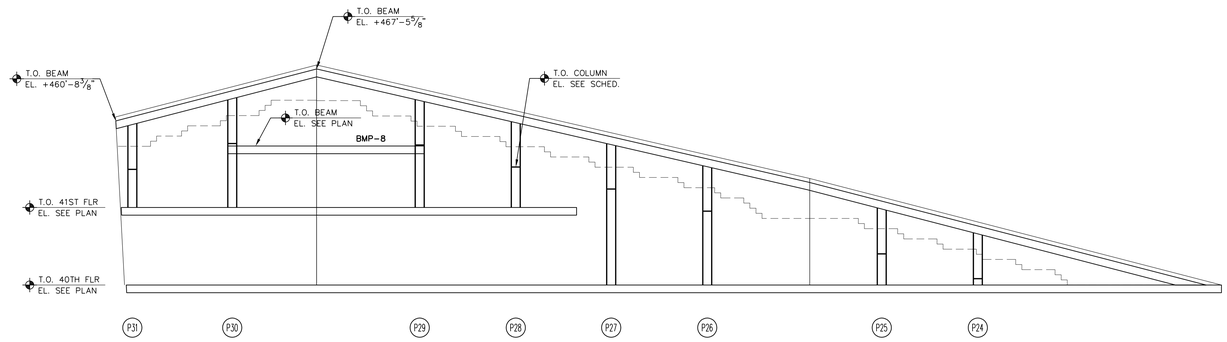
1 UNFOLDED PARAPET ENCLOSURE ELEVATION AT PARK AVE. PAVILION

SCALE: 1/8" = 1'-0"



2 UNFOLDED PARAPET ENCLOSURE ELEVATION AT 28TH ST. PAVILION

SCALE: 1/8" = 1'-0"



3 UNFOLDED PARAPET ENCLOSURE ELEVATION AT 28TH ST. TOWER

SCALE: 1/8" = 1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. OTHER STRUCTURAL ELEMENTS NOT SHOWN ON THIS PLAN.
3. SEE S-403 FOR POST AND BEAM SCHEDULES.
4. SEE S-251 AND S-252 FOR PLANS.
5. CONCRETE STRENGTHS ON PLAN SHALL BE AS NOTED.

Damian Titus

APPROVED
Under Directive 2 of 1975

Date/Time: Aug 30, 2012 – 10:20 AM

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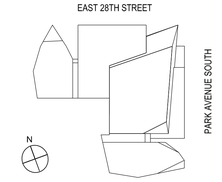
NO.	DATE	ISSUANCE
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK
STEVEN V. DESIMONE
No. 076913
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:

ROOF PARAPET AND ENCLOSURE ELEVATIONS

DRAWING NO:

S-254.00

NYC DOB NO: 121181808 | 33 of 81

5620-033-S-254.dwg

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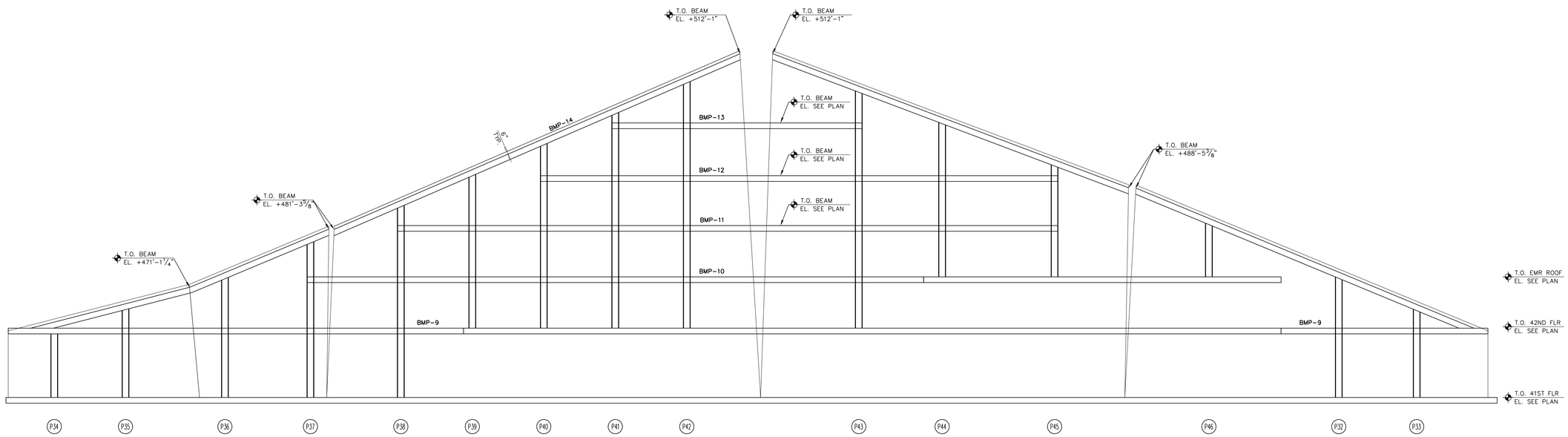
DEPT OF BLDGS 121181808 Job Number
ES5666991420 Scan Code



1 UNFOLDED PARAPET ENCLOSURE ELEVATION AT THE CORNER PAVILION

SCALE: 1/8" = 1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. OTHER STRUCTURAL ELEMENTS NOT SHOWN ON THIS PLAN.
3. SEE S-403 FOR POST AND BEAM SCHEDULES.
4. SEE S-253 FOR PLANS.
5. CONCRETE STRENGTHS ON PLAN SHALL BE AS NOTED.

Damian Titus

APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:20 AM
NYC Development Hub

400**PAS**

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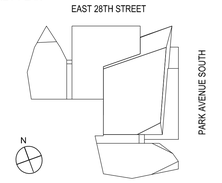
NO.	DATE	ISSUANCE
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:

ROOF PARAPET AND ENCLOSURE ELEVATIONS

DRAWING NO:

S-255.00

NYC DOB NO: 121181808 | 34 of 81

5620-034-S-255.dwg

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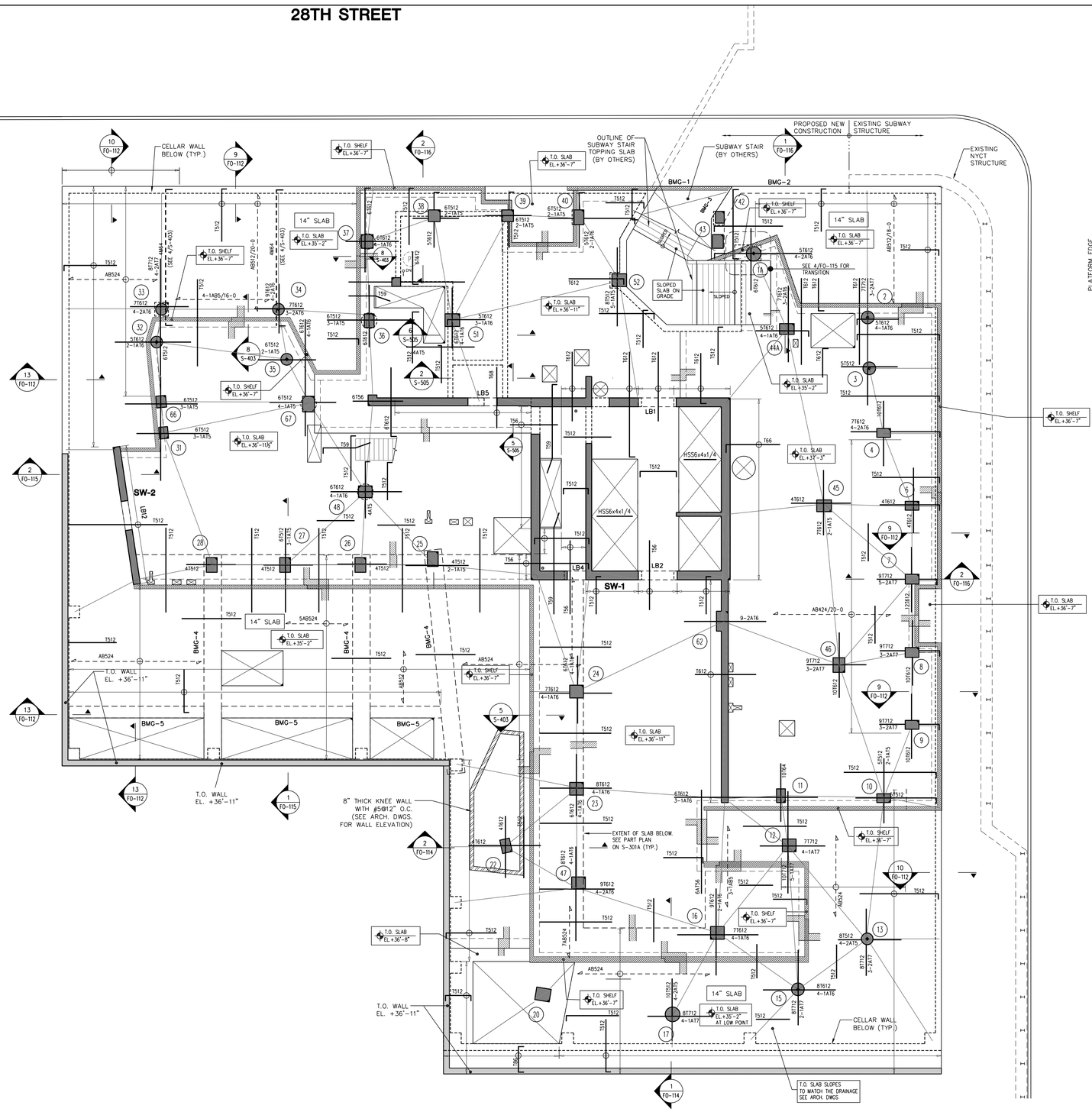
ES605333501 Scan Code



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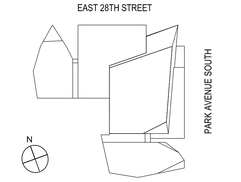
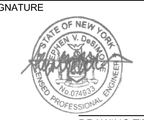
NO.	DATE	ISSUANCE
0.	01.18.2012	MTA SUBMISSION
1.	02.03.2012	FOUNDATION PERMIT
2.	02.17.2012	DESIGN DEVELOPMENT
3.	03.08.2012	FOUNDATION BID ISSUE
4.	03.21.2012	FOUNDATION PERMIT
5.	04.20.2012	SUPERSTRUCTURE BID ISSUE
6.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE



DRAWING TITLE:

GROUND FLOOR REINFORCEMENT PLAN

DRAWING NO:

S-301.00

TOP OF SLAB ELEVATION U.O.N.:	SEE S-301
SLAB THICKNESS U.O.N.:	t = 12"
SLAB CONCRETE STRENGTH:	f'c = 7.5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	#5@12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	#5@12"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
7. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
8. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
APPROVED
Under Directive 2 of 1975
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NYC DOB NO: 121181808	35 of 81

5620-035-S-301.dwg
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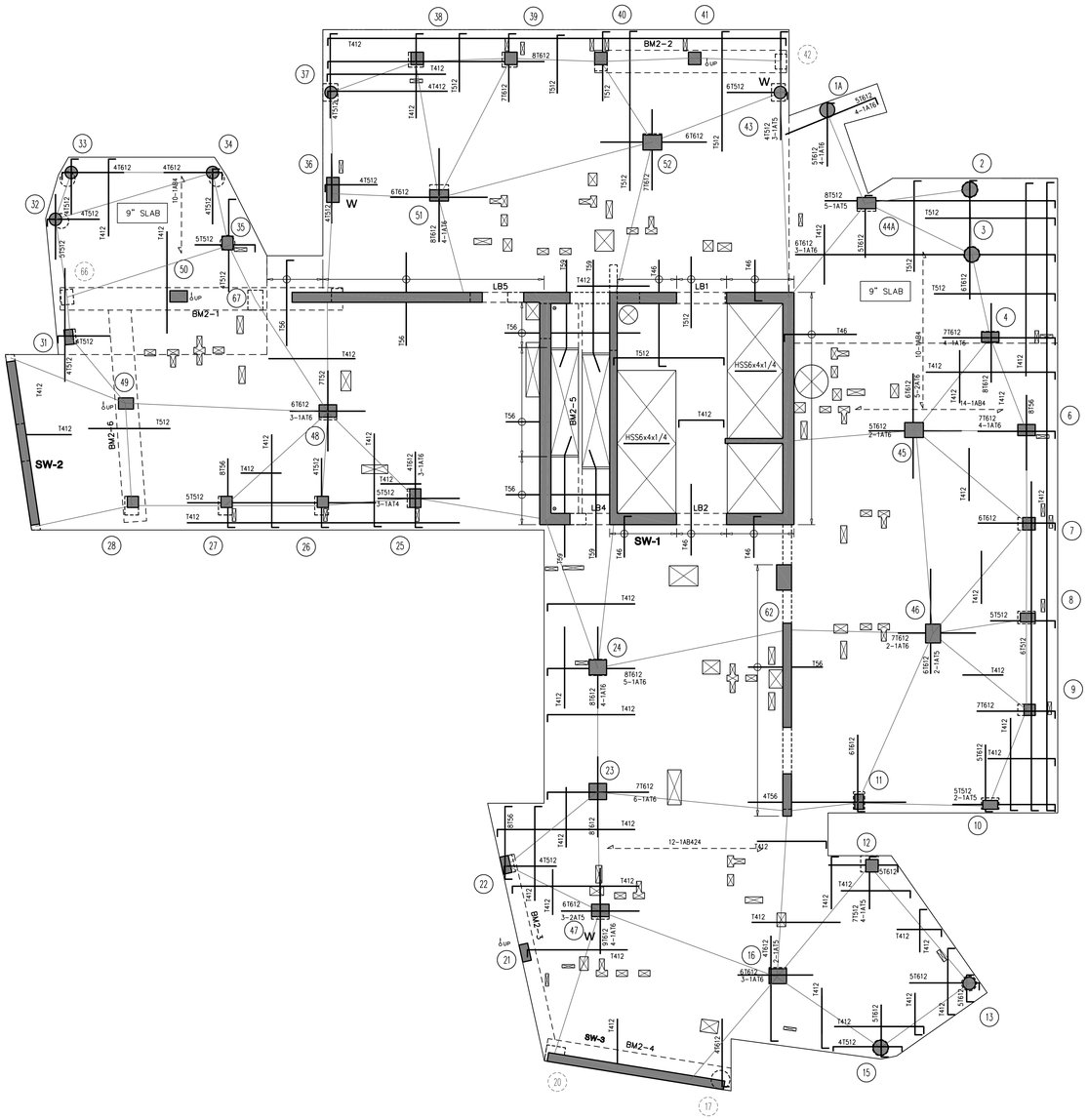
ES591107251 Scan Code



TOP OF SLAB ELEVATION U.O.N.:	+56'-9"
SLAB THICKNESS U.O.N.:	8"
SLAB CONCRETE STRENGTH: (SEE NOTES FOR BEAMS)	f'c = 7.5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	#4@12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	#4@12"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
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6. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
7. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
8. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
APPROVED
Under Directive 2 of 1975
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NYC Development Hub

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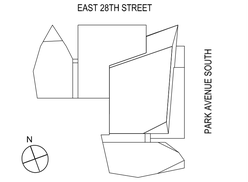
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:

2ND FLOOR
REINFORCEMENT PLAN

DRAWING NO:

S-302.00

NYC DOB NO: 121181808 | 36 of 81

5620-036-S-302.dwg

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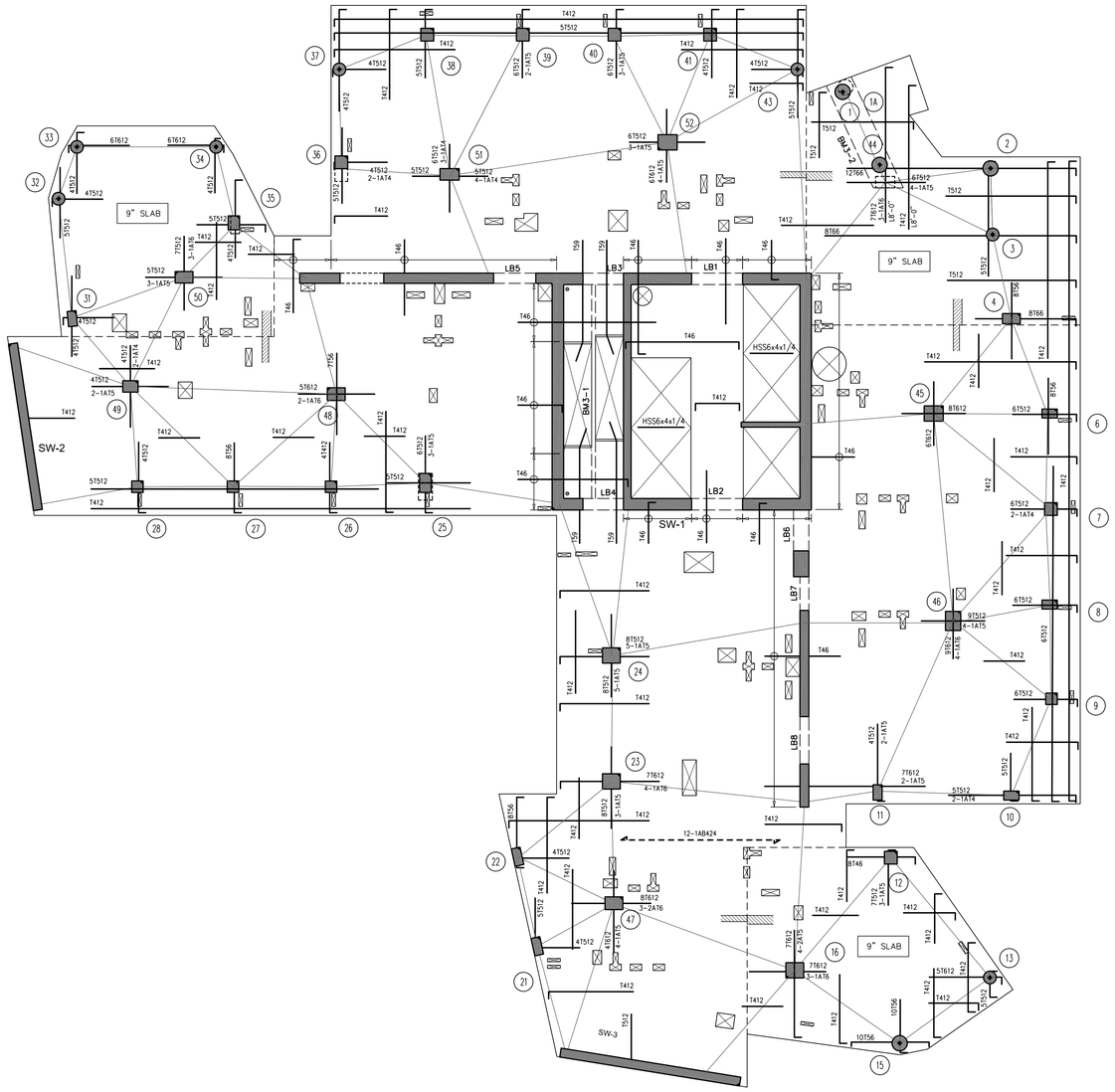
ES7886997331 Scan Code



TOP OF SLAB ELEVATION U.O.N.:	+68'-6"
SLAB THICKNESS U.O.N.:	t = 8"
SLAB CONCRETE STRENGTH: (SEE NOTES FOR BEAMS)	f'c = 7.5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	#4 @ 12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	#4 @ 12"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
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7. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
8. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
APPROVED
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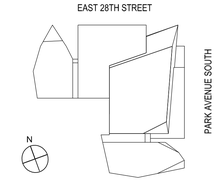
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:

3RD FLOOR
REINFORCEMENT PLAN

DRAWING NO:

S-303.00

NYC DOB NO: 121181808 | 37 of 81

5620-037-S-303.dwg

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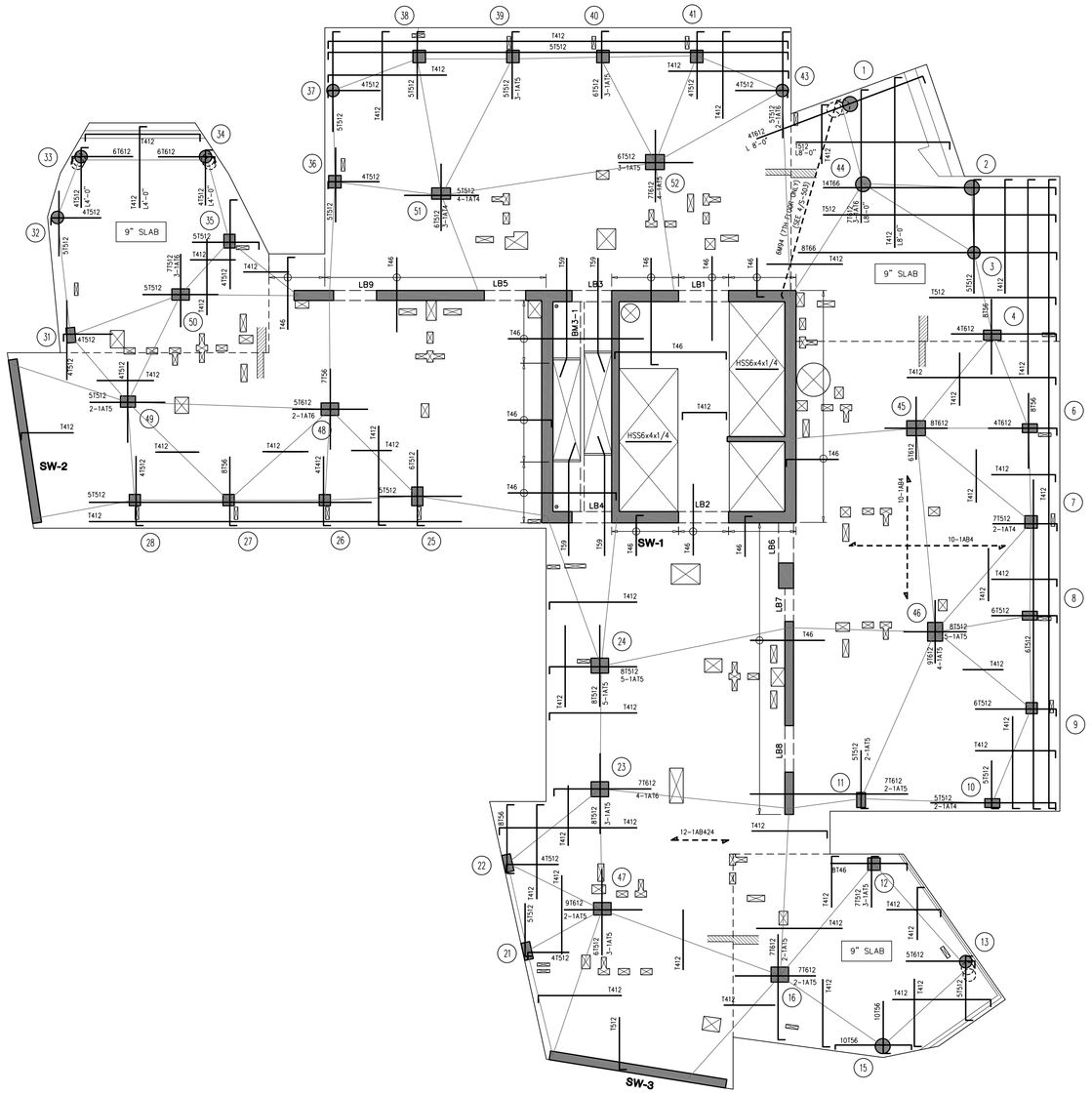
ES2009711475 Scan Code



FLOOR LEVEL	T. O. SLAB EL.
4TH	+78'-3"
5TH	+88'-0"
6TH	+97'-9"

TOP OF SLAB ELEVATION U.O.N.:	SEE TABLE
SLAB THICKNESS U.O.N.:	t = 8"
SLAB CONCRETE STRENGTH:	f'c = 7.5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	#4@12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	#4@12"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. FOR ALL 10" SLABS PROVIDE #5@12 O.C. BASIC BOTTOM BARS AND #5@12" MIDDLE STRIP TOP BARS.
7. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
8. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-413 FOR SHEAR WALL PLANS.
9. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR SCHEDULE.
10. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
APPROVED
Under Directive 2012/975
Date/Time: Aug 30, 2012 – 10:20 AM
NYC Development Hub

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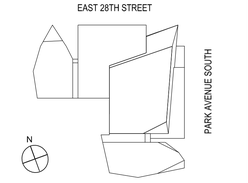
KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
4TH-6TH FLOOR REINFORCEMENT PLAN

DRAWING NO:
S-304.00

NYC DOB NO: 121181808 | 38 of 81

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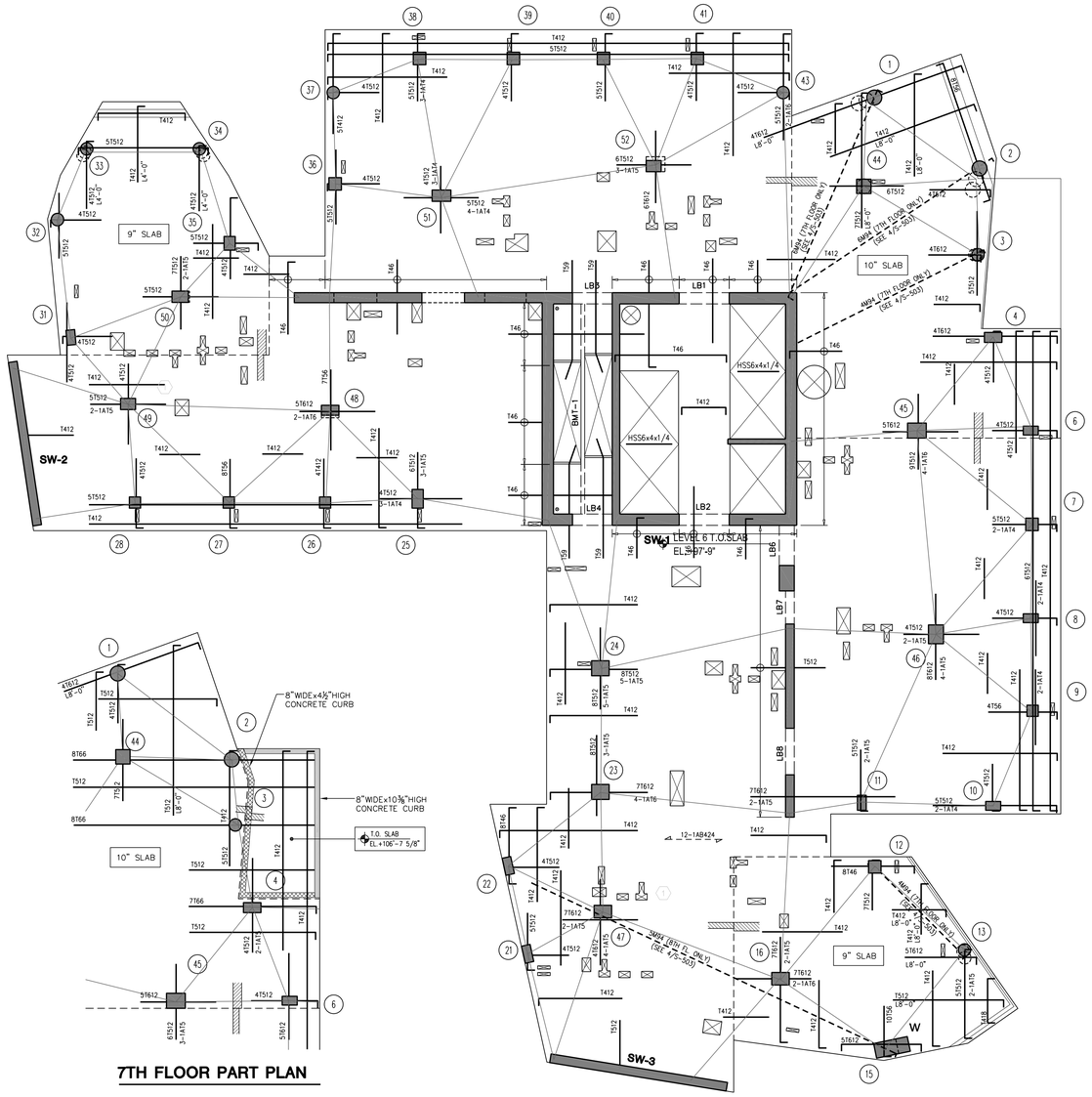
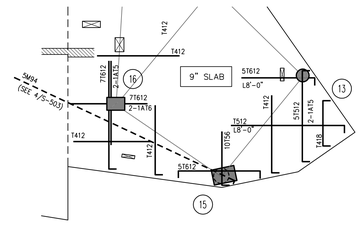
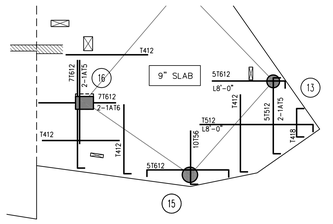


7TH FLOOR PART PLAN



8TH FLOOR PART PLAN



7TH FLOOR PART PLAN

FLOOR LEVEL	T. O. SLAB EL
7TH	+107'-6"
8TH	+117'-3"
9TH	+127'-0"

TOP OF SLAB ELEVATION U.O.N.: SEE TABLE

SLAB THICKNESS U.O.N.: t = 8"

SLAB CONCRETE STRENGTH: f'c = 7.5 ksi

SLAB BASIC BOTTOM BARS (U.N.O.): #4@12"

SLAB MIDDLE STRIP TOP BARS (U.N.O.): #4@12"

DRAWING NOTES:

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8. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-413 FOR SHEAR WALL PLANS.
9. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
10. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

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NO.	DATE	ISSUANCE
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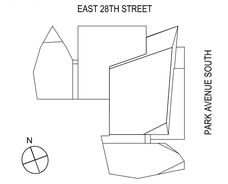
KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:

7TH-9TH FLOOR REINFORCEMENT PLAN

DRAWING NO:

S-307.00

NYC DOB NO: 121181808 | 39 of 81

5620-039-S-307.dwg

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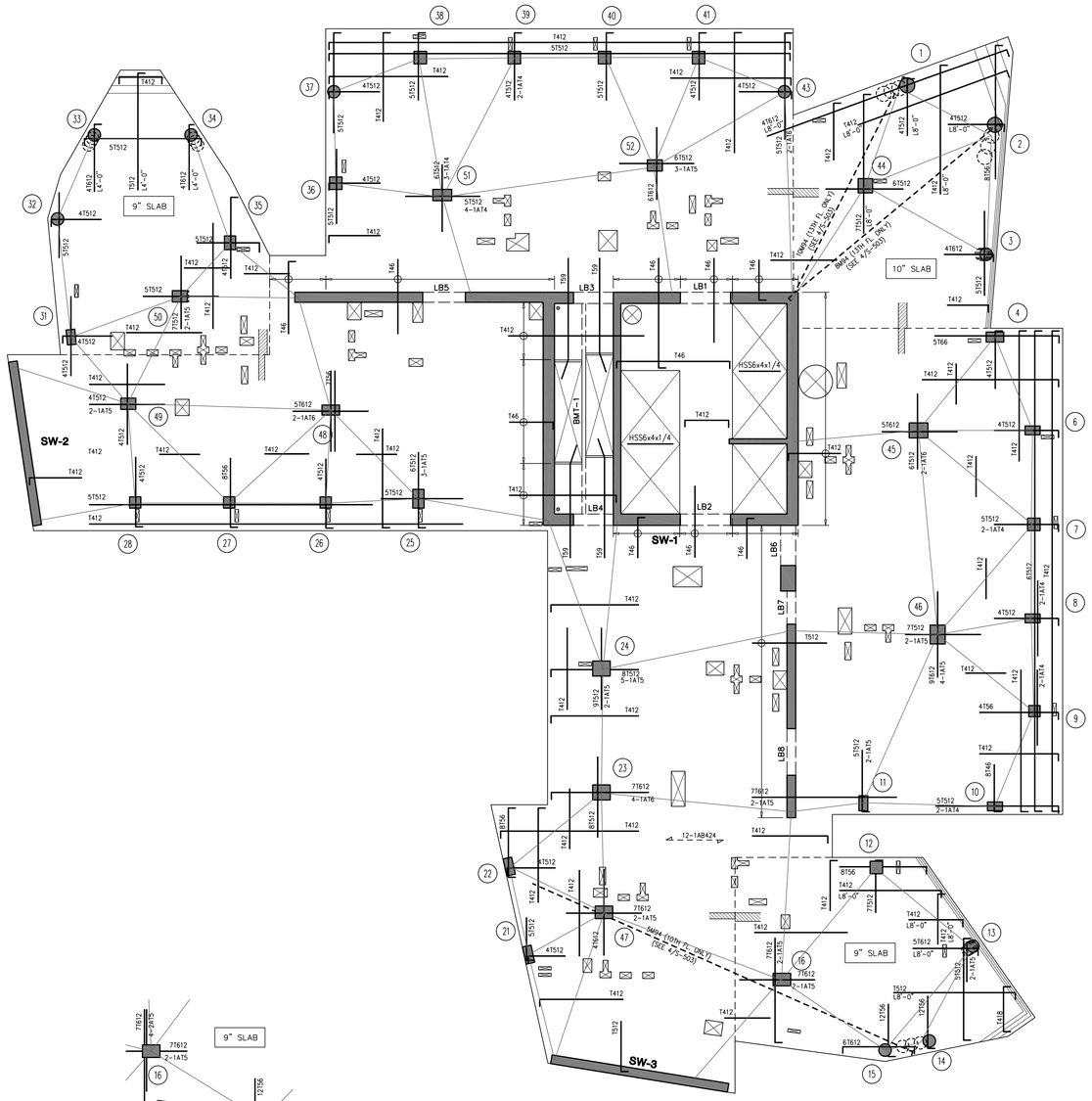

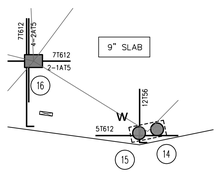

10TH FLOOR PART PLAN

FLOOR LEVEL	T. O. SLAB EL.
10TH	+136'-9"
11TH	+146'-6"
12TH	+156'-3"
13TH	+166'-0"

TOP OF SLAB ELEVATION U.O.N.:
SEE TABLE

SLAB THICKNESS U.O.N.:
t = 8"

SLAB CONCRETE STRENGTH:
10th - f'c=7.5 ksi
11th-13th f'c=6 ksi

SLAB BASIC BOTTOM BARS (U.N.O.):
8"/9" - #4@12"
10" - #5@12"

SLAB MIDDLE STRIP TOP BARS (U.N.O.):
8"/9" - #4@12"
10" - #5@12"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
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5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
7. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
8. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:20 AM
NYC Development Hub

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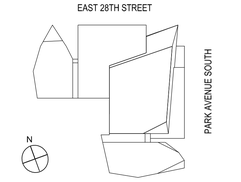

DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
10TH-13TH FLOOR REINFORCEMENT PLAN

DRAWING NO:
S-310.00

NYC DOB NO: 121181808 | 40 of 81

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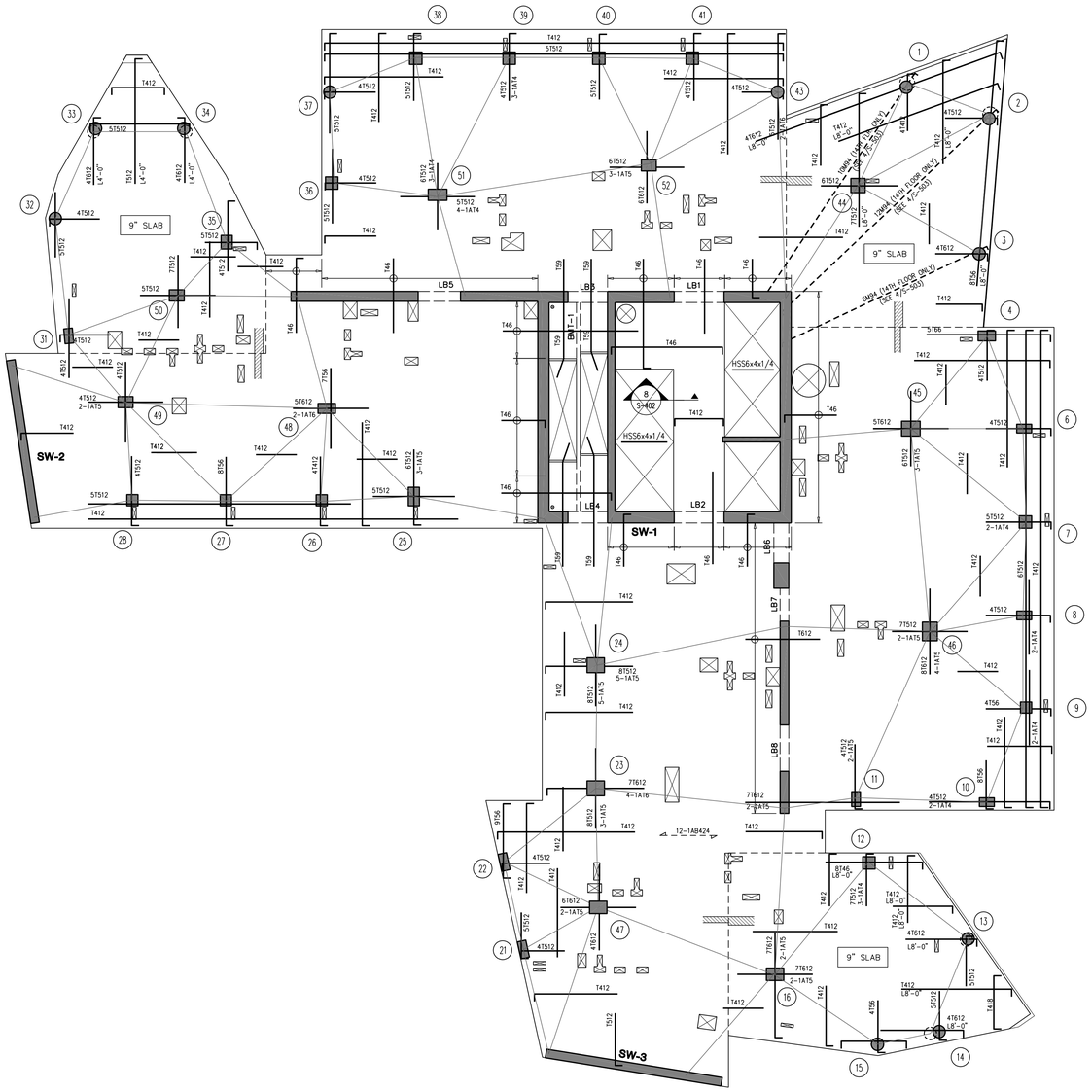

FLOOR LEVEL	T. O. SLAB EL
14TH	+175'-9"
15TH	+185'-6"

TOP OF SLAB ELEVATION U.O.N.:
SEE TABLE

SLAB THICKNESS U.O.N.:
t = 8"

SLAB CONCRETE STRENGTH:
f'c = 6 ksi

SLAB BASIC BOTTOM BARS (U.N.O.):
#4@12"

SLAB MIDDLE STRIP TOP BARS (U.N.O.):
#4@12"

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9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

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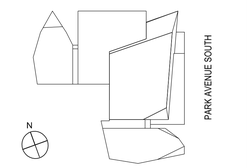
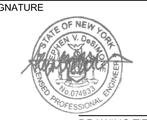
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE



DRAWING TITLE:
14TH-15TH FLOOR REINFORCEMENT PLAN

DRAWING NO:
S-314.00

NYC DOB NO: 121181808 | 41 of 81

5620-041-S-314.dwg
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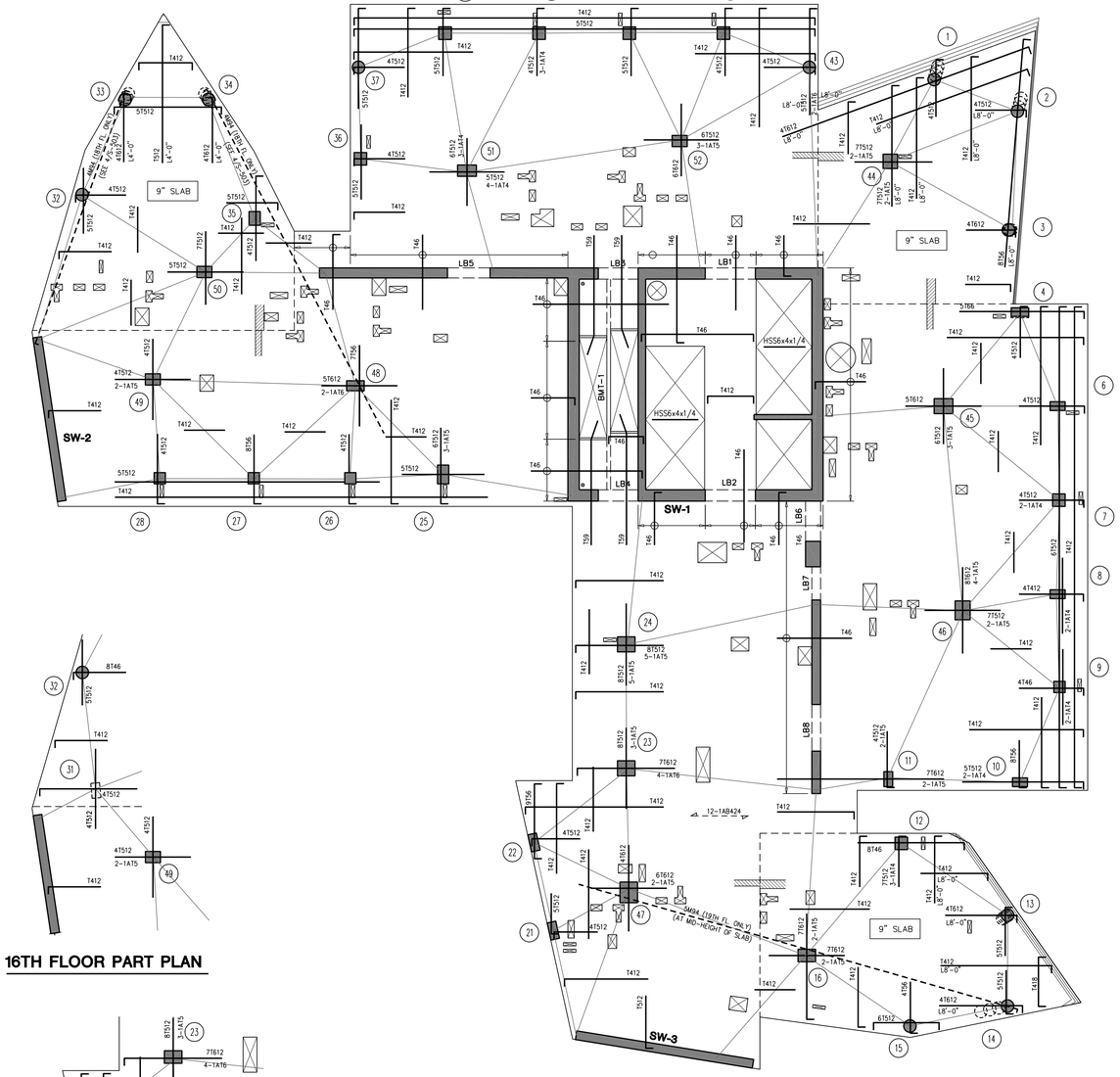
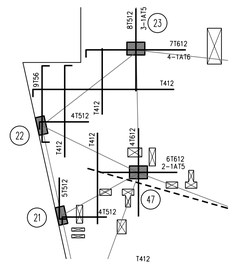
ES2005018330 Scan Code



16TH FLOOR PART PLAN



16TH & 17TH FLOOR PART PLAN

FLOOR LEVEL	T. O. SLAB EL
16TH	+195'-3"
17TH	+205'-0"
18TH	+214'-9"
19TH	+224'-6"

TOP OF SLAB ELEVATION U.O.N.:
SEE TABLE

SLAB THICKNESS U.O.N.:
t = 8"

SLAB CONCRETE STRENGTH:
f'c = 5.95 ksi

SLAB BASIC BOTTOM BARS (U.N.O.):
#4@12"

SLAB MIDDLE STRIP TOP BARS (U.N.O.):
#4@12"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
7. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
8. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:20 AM
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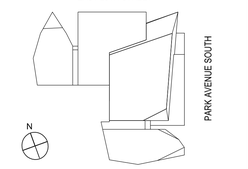
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
16TH-19TH FLOOR REINFORCEMENT PLAN

DRAWING NO:
S-316.00

NYC DOB NO: 121181808 | 42 of 81

5620-042-S-316.dwg
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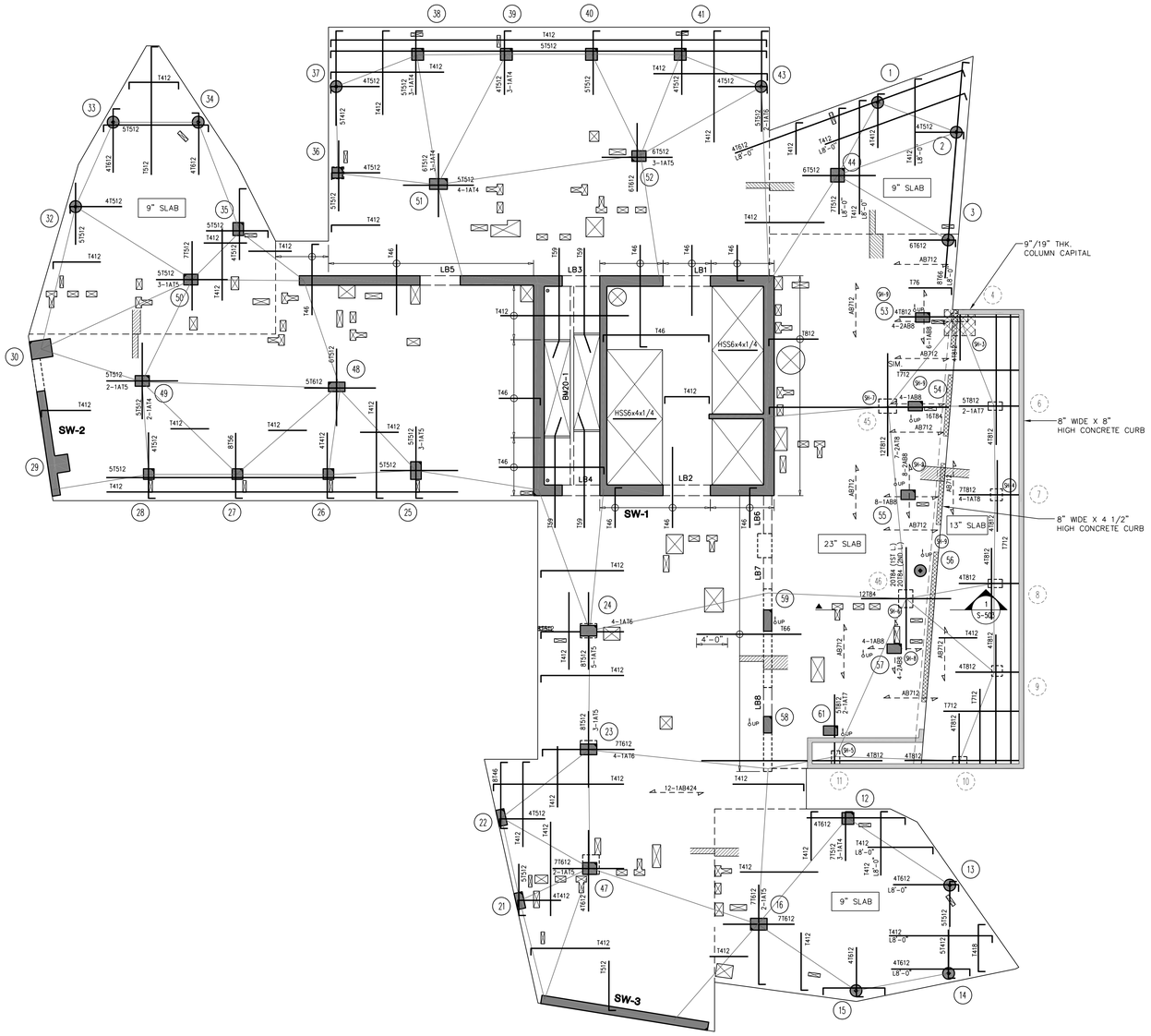
ES609932339 Scan Code



TOP OF SLAB ELEVATION U.O.N.:
+234'-9"
SLAB THICKNESS U.O.N.:
t = 8"
SLAB CONCRETE STRENGTH:
SEE DRAWING NOTES
SLAB BASIC BOTTOM BARS (U.N.O.):
8"/9" - #4@12"
20" - #7@12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):
8"/9" - #4@12"
20" - #7@12"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. CONCRETE STRENGTH FOR SLABS SHALL BE AS FOLLOWS:
   20" SLABS - f'c = 8000 PSI
   8" & 9" SLABS - f'c = 6000 PSI
7. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
8. (9K) INDICATES SHEARHEAD REINFORCING, SEE 2/S-403.
9. ⊠ DENOTES COLUMN CAPITAL.
8. SW-X INDICATES SHEAR WALL CORE. SEE 10 A/S-301 FOR ADDITIONAL INFO.
9. LB-X INDICATES LINK BEAMS. SEE S-501 FOR LINK BEAM SCHEDULE.
10. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30 2012 11:20 AM

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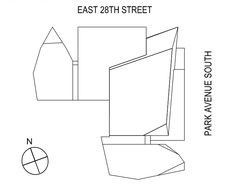
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

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DRAWING TITLE:
20TH FLOOR
REINFORCEMENT PLAN

DRAWING NO:
S-320.00

NYC DOB NO: 121181808 | 43 of 81

5620-043-S-320.dwg

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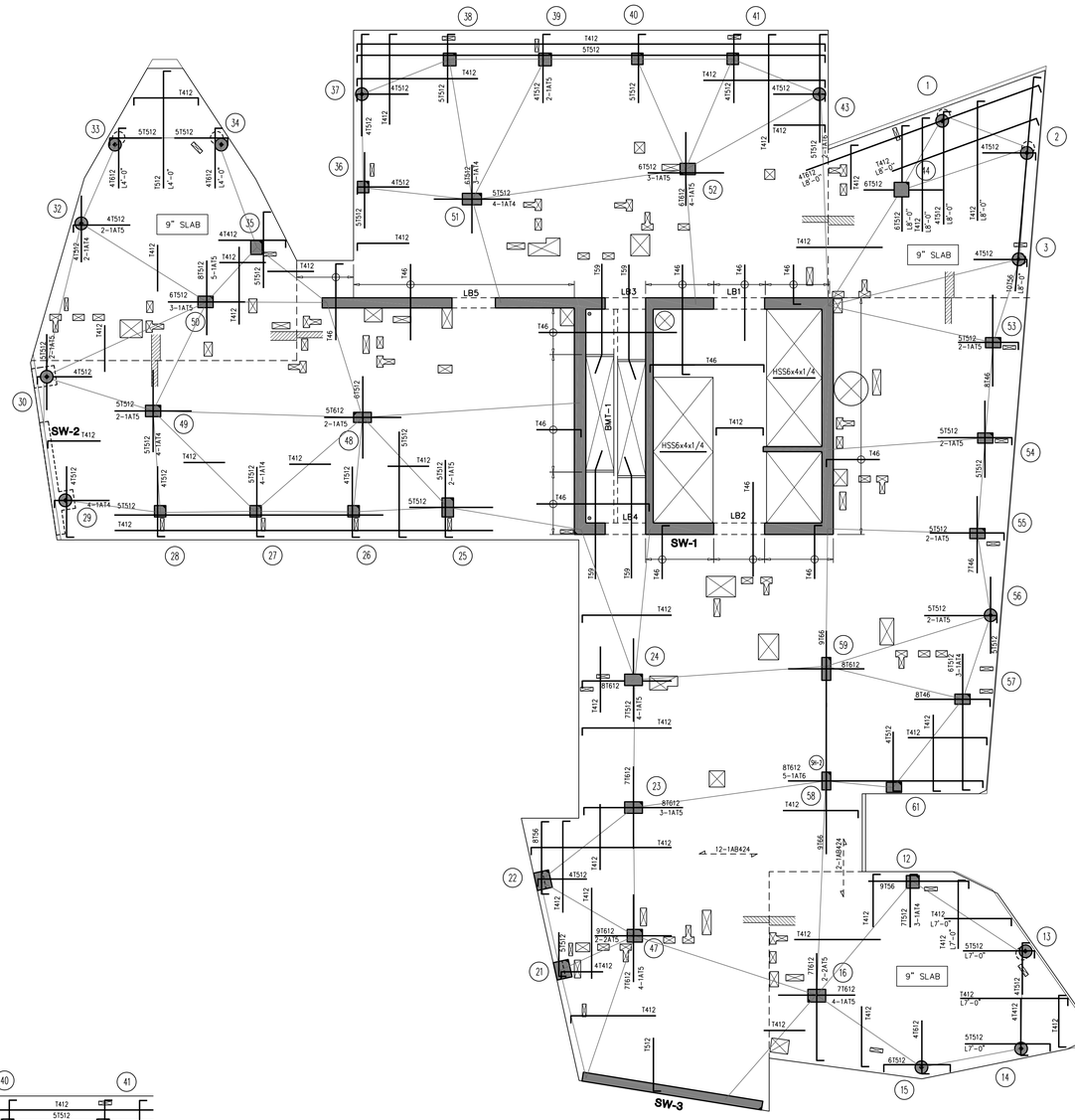

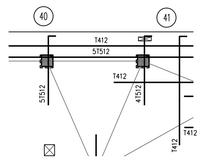

21ST FLOOR PART PLAN

FLOOR LEVEL	T. O. SLAB EL.
21ST	+244'-6"
22ND	+256'-3"

TOP OF SLAB ELEVATION U.O.N.:
SEE TABLE

SLAB THICKNESS U.O.N.:
t = 8"

SLAB CONCRETE STRENGTH:
f'c = 5 ksi

SLAB BASIC BOTTOM BARS (U.N.O.):
#4@12"

SLAB MIDDLE STRIP TOP BARS (U.N.O.):
#4@12"

DRAWING NOTES:

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4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. (9k) INDICATES SHEARHEAD REINFORCING, SEE S-601-403.
7. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
8. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
9. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR COUPLING BEAM SCHEDULE.
10. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
DOB Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:20 AM
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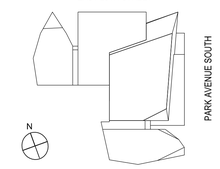

DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
21ST AND 22ND FLOOR REINFORCEMENT PLAN

DRAWING NO:
S-321.00

NYC DOB NO: 121181808 | 44 of 81

5620-044-S-321.dwg
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DEPT OF BLDGS 121181808 Job Number
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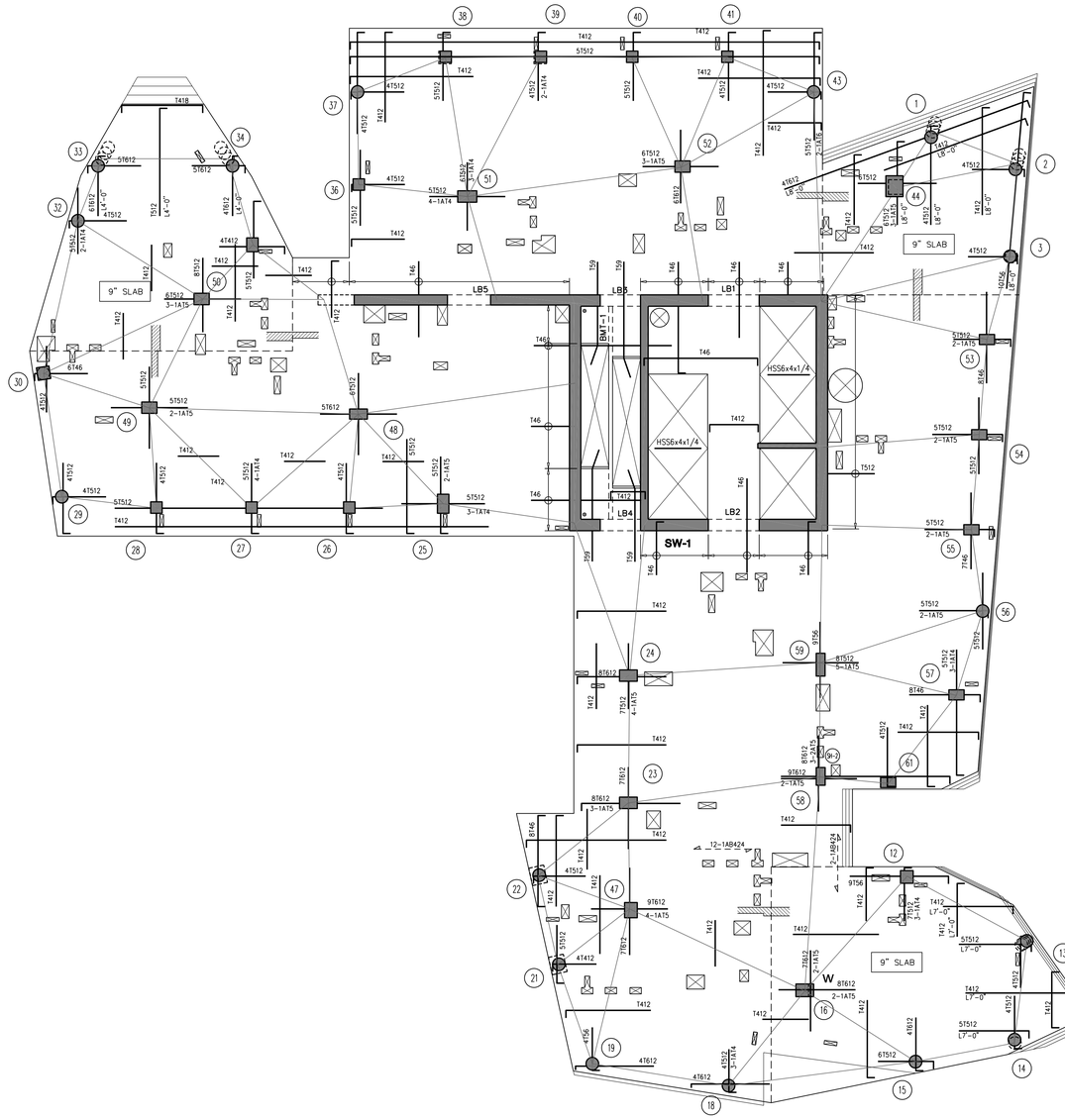
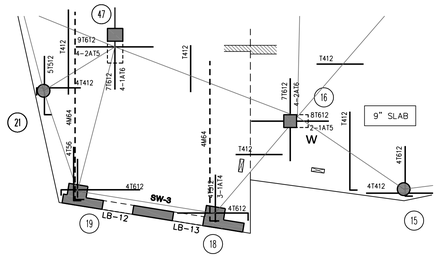


23TH-24TH FLOOR PART PLAN



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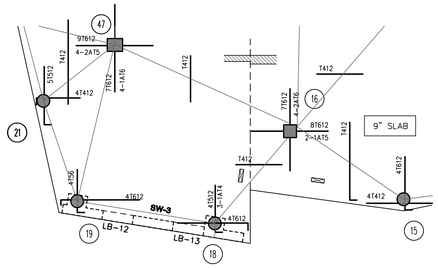

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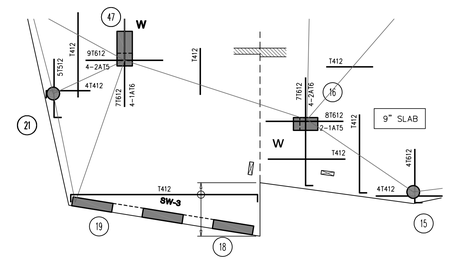

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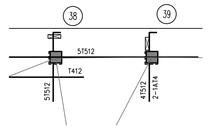
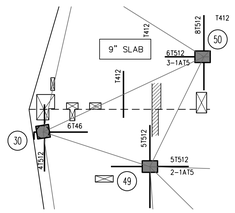
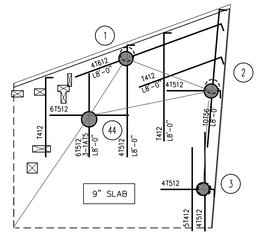


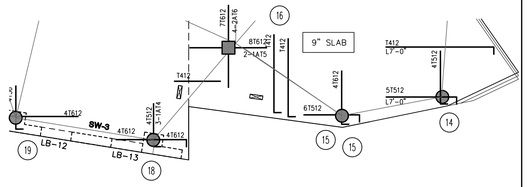
23RD FLOOR PART PLAN



23RD FLOOR PART PLAN



23TH-24TH FLOOR PART PLAN



23RD-25TH FLOOR PART PLAN FOR SLAB EDGE

FLOOR LEVEL	T. O. SLAB EL
23RD	+266'-0"
24TH	+275'-9"
25TH	+285'-6"
26TH	+295'-3"

TOP OF SLAB ELEVATION U.O.N.: **SEE TABLE**

SLAB THICKNESS U.O.N.: **t = 8"**

SLAB CONCRETE STRENGTH: **f'c = 5 ksi**

SLAB BASIC BOTTOM BARS (U.N.O.): **#4@12"**

SLAB MIDDLE STRIP TOP BARS (U.N.O.): **#4@12"**

DRAWING NOTES:

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2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. (9K) INDICATES SHEARHEAD REINFORCING, SEE S-403.
7. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
8. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
9. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
10. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE

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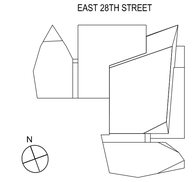
KEY PLAN



DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
DAMIAN V. TITUS
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
23RD-26TH FLOOR REINFORCEMENT PLAN

DRAWING NO:
S-323.00

NYC DOB NO: 121181808 | 45 of 81

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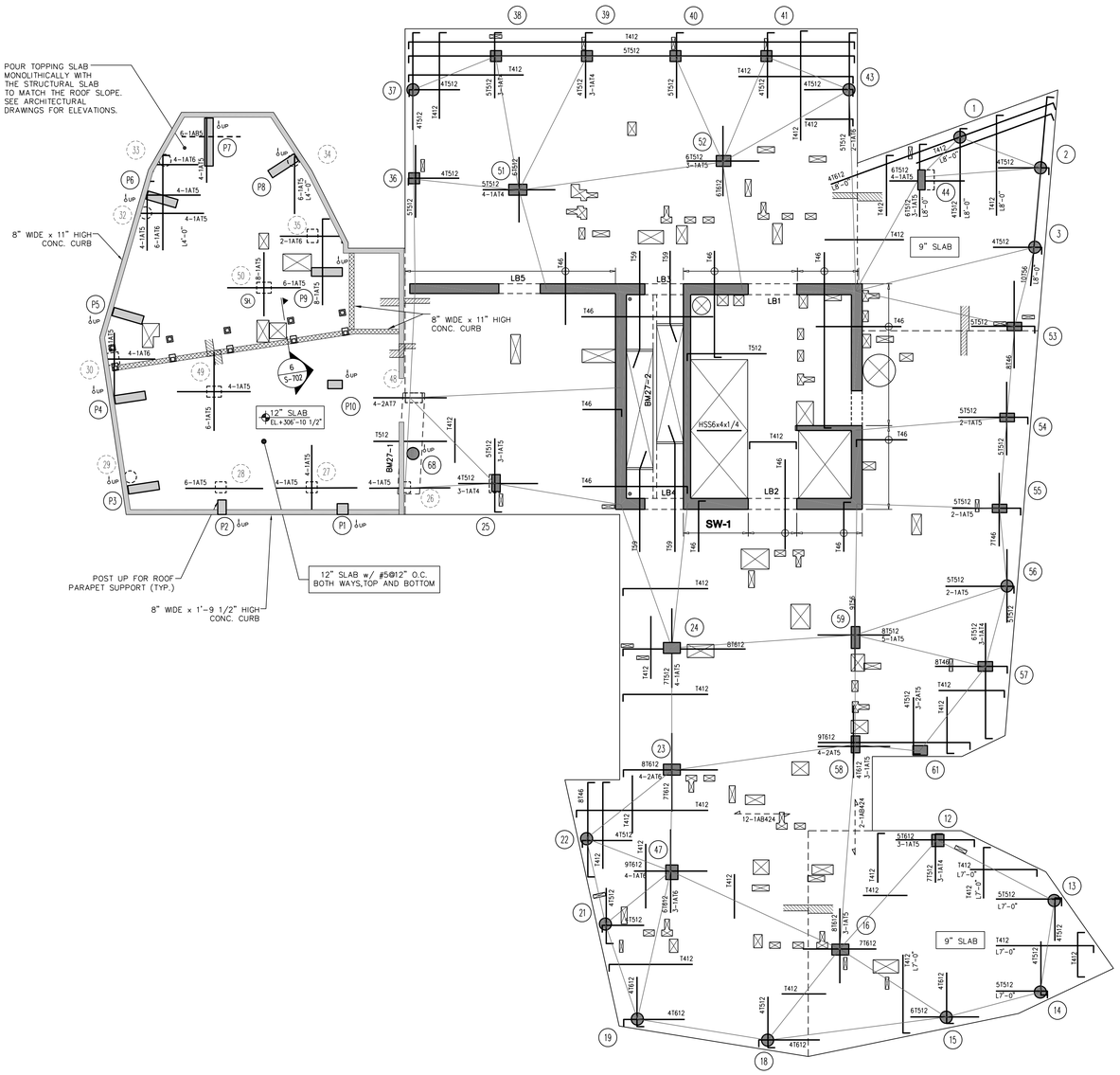
ES5901794US Scan Code



TOP OF SLAB ELEVATION U.O.N.:	+307'-9'
SLAB THICKNESS U.O.N.:	t = 8"
SLAB CONCRETE STRENGTH:	f'c = 5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	#4@12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	#4@12"

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7. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
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9. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
10. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
Drawings
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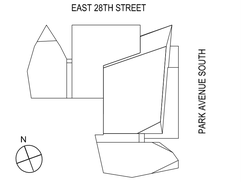
KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

STEVEN V. DESIMONE 076052 LICENSED PROFESSIONAL ENGINEER STATE OF NEW YORK

DRAWING TITLE:
27TH FLOOR REINFORCEMENT PLAN

DRAWING NO:
S-327.00

NYC DOB NO: 121181808 | 46 of 81

5620-046-S-327.dwg

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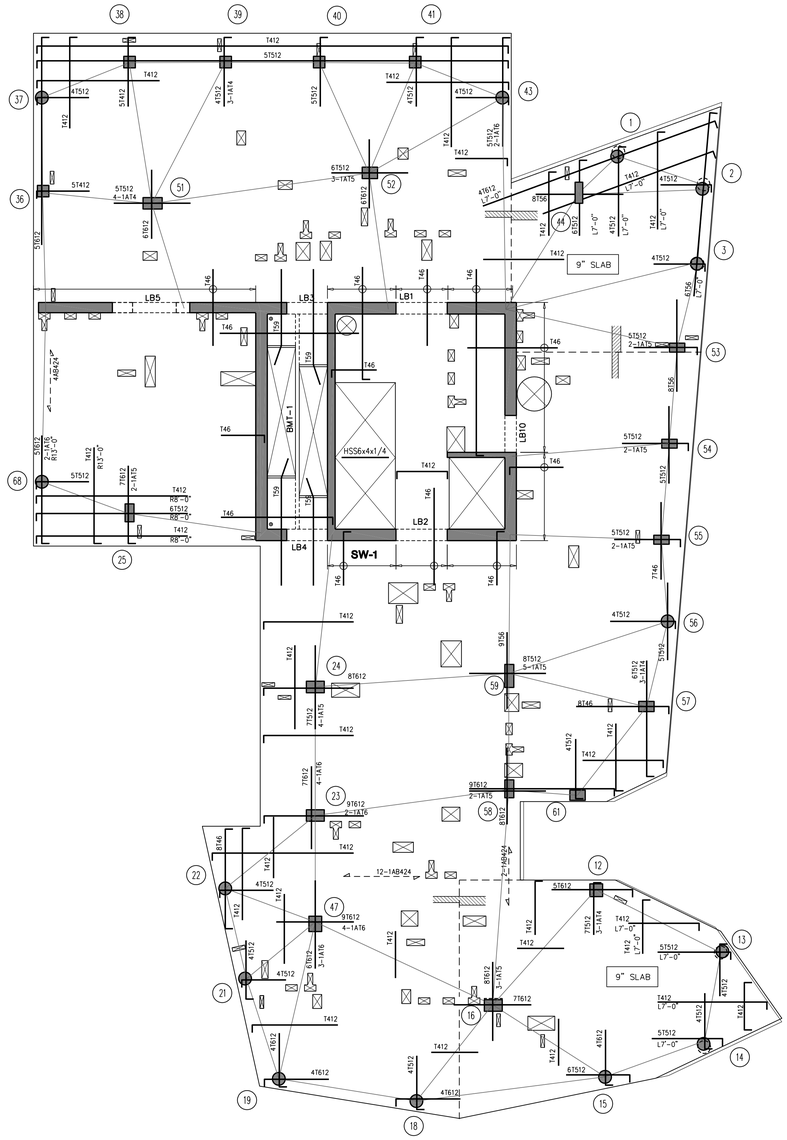
ES521472530 Scan Code



1 28TH-29TH FLOOR REINFORCEMENT PLAN

FLOOR LEVEL	T. O. SLAB EL.
28TH	+317'-6"
29TH	+327'-3"

TOP OF SLAB ELEVATION U.O.N.: **SEE TABLE**

SLAB THICKNESS U.O.N.: **t = 8"**

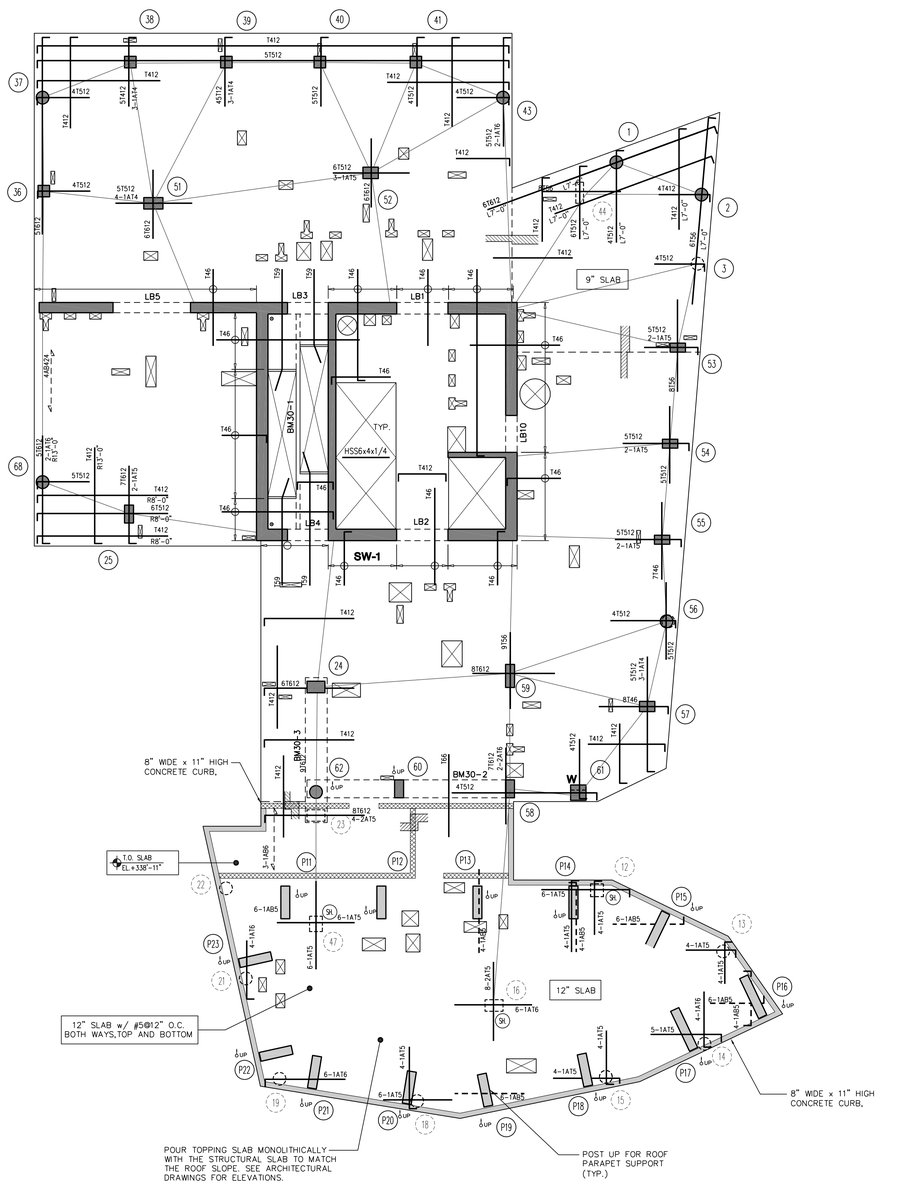
SLAB CONCRETE STRENGTH: **f'c = 5 ksi**

SLAB BASIC BOTTOM BARS (U.N.O.): **#4@12"**

SLAB MIDDLE STRIP TOP BARS (U.N.O.): **#4@12"**

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
7. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
8. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.



2 30TH FLOOR REINFORCEMENT PLAN

TOP OF SLAB ELEVATION U.O.N.: **+339'-9"**

SLAB THICKNESS U.O.N.: **t = 8"**

SLAB CONCRETE STRENGTH: **SEE DRAWING NOTES**

SLAB BASIC BOTTOM BARS (U.N.O.): **#4@12"**

SLAB MIDDLE STRIP TOP BARS (U.N.O.): **#4@12"**

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE 4-201 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. (9K) INDICATES SHEARHEAD REINFORCING. SEE 2/S-403.
7. CONCRETE STRENGTH FOR SLABS SHALL BE THE FOLLOWING:
   f'c = 7000 PSI - 14" SLABS
   f'c = 5000 PSI - 8" AND 9" SLABS
8. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
9. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
10. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
11. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
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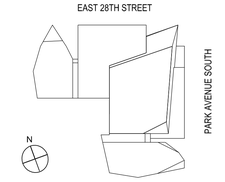

DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

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DRAWING TITLE:
28TH-29TH AND 30TH FLOOR REINFORCEMENT PLANS

DRAWING NO:
S-328.00

NYC DOB NO: 121181808 | 47 of 81

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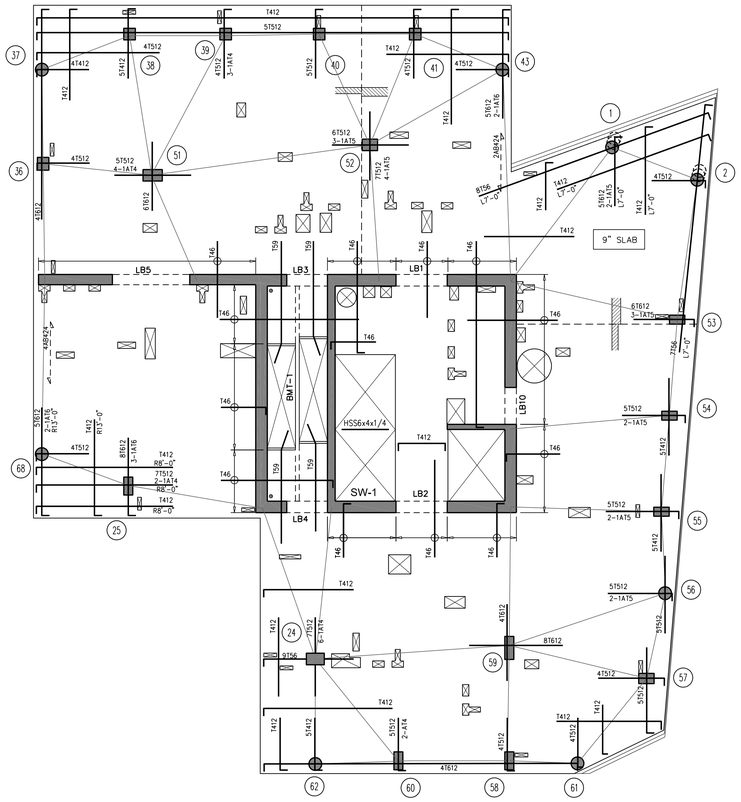

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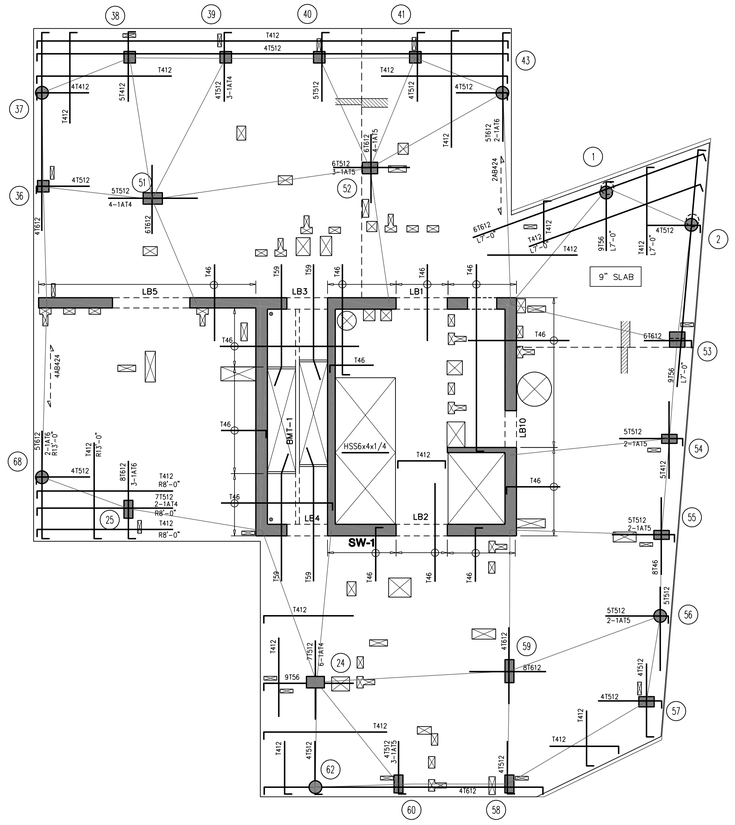

1 37TH-38TH FLOOR LAYOUT PLAN

FLOOR LEVEL	T. O. SLAB EL.
37TH	+408'-0"
38TH	+417'-9"

TOP OF SLAB ELEVATION U.O.N.:	SEE TABLE
SLAB THICKNESS U.O.N.:	t = 8"
SLAB CONCRETE STRENGTH:	f'c = 5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	#4@12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	#4@12"

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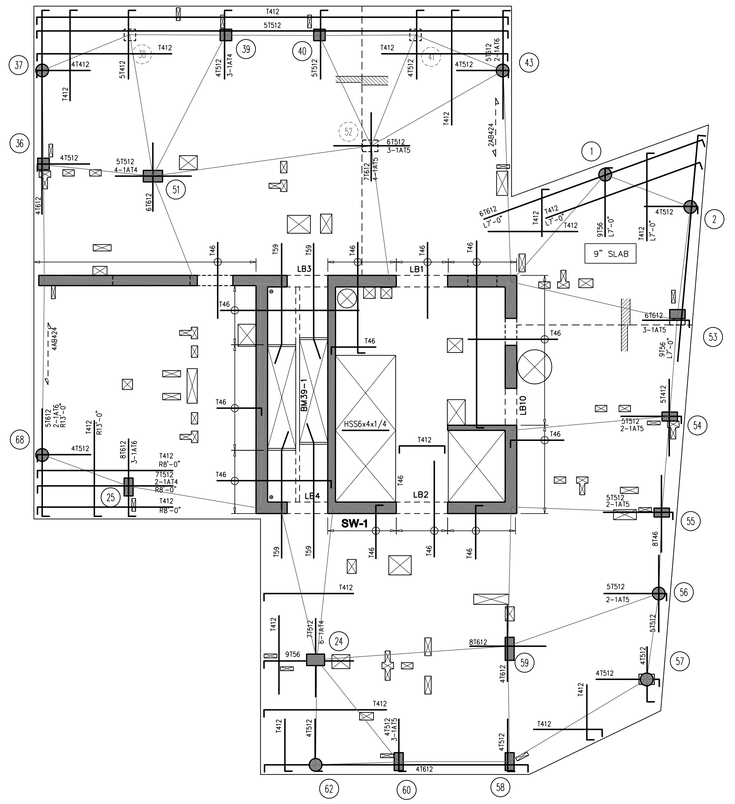
9. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.



2 39TH FLOOR LAYOUT PLAN

TOP OF SLAB ELEVATION U.O.N.:	+427'-6"
SLAB THICKNESS U.O.N.:	t = 8"
SLAB CONCRETE STRENGTH:	f'c = 5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	#4@12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	#4@12"

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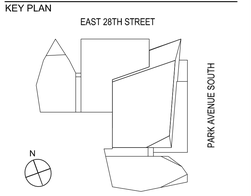
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:
37TH-38TH AND 39TH FLOOR REINFORCEMENT PLANS

DRAWING NO:
S-337.00

NYC DOB NO: 121181808 | 49 of 81

5620-049-S-337.dwg

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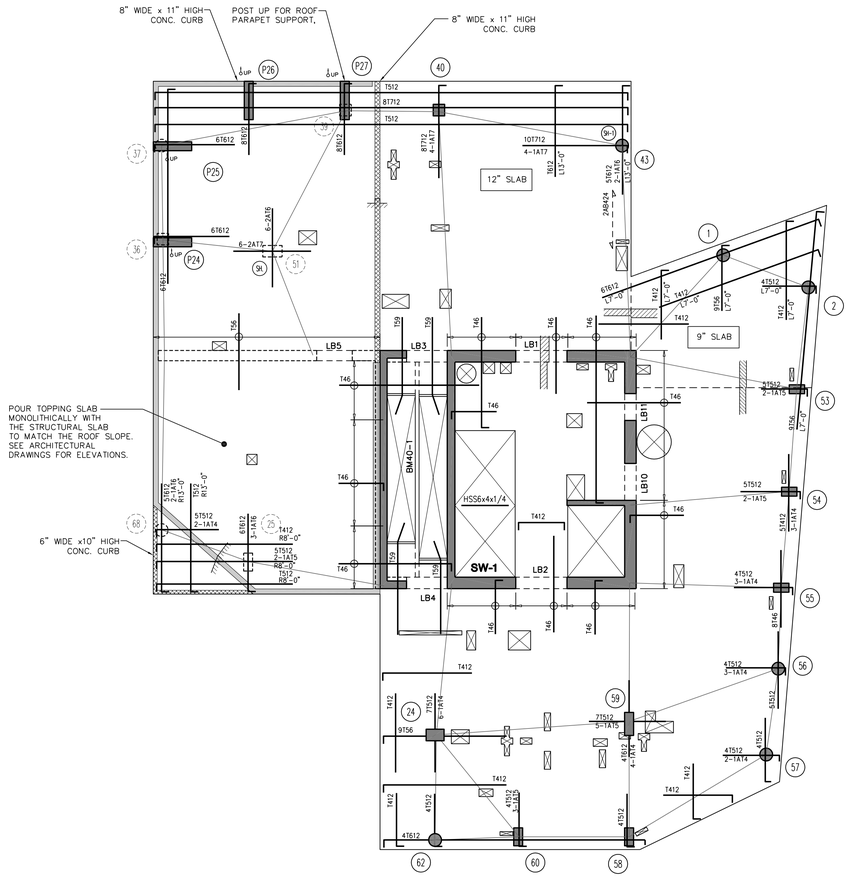
ES4506881324 Scan Code

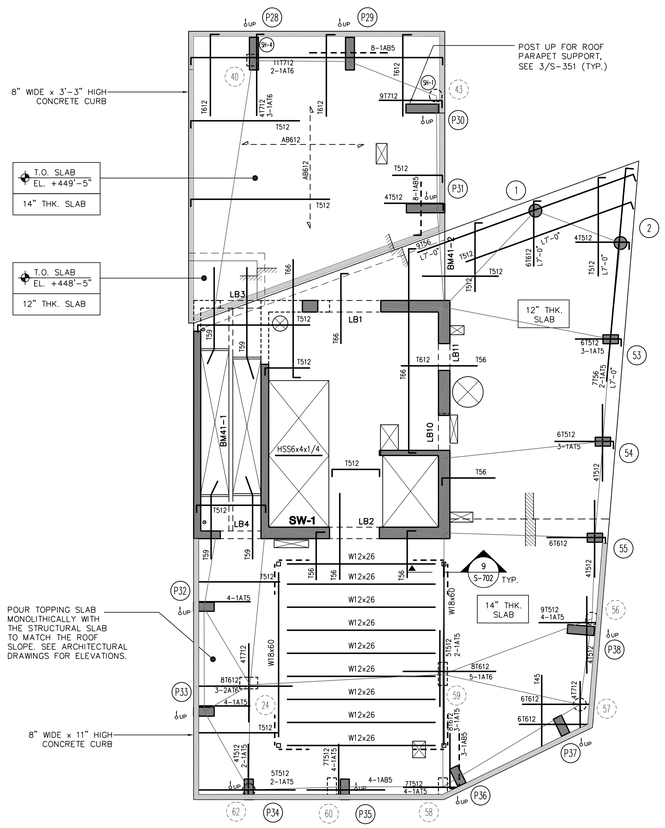


1 40TH FLOOR LAYOUT PLAN

TOP OF SLAB ELEVATION U.O.N.:	+439'-4"
SLAB THICKNESS U.O.N.:	t = 8"
SLAB CONCRETE STRENGTH:	f'c = 5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	8" - #4 @ 12" 9" - #4 @ 12" 12" - #5 @ 12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	8" - #4 @ 12" 9" - #4 @ 12" 12" - #5 @ 12"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. (9k) INDICATES SHEARHEAD REINFORCING. SEE 2/S-403.
7. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
8. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
9. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
10. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.



2 ROOF LAYOUT PLAN

TOP OF SLAB ELEVATION U.O.N.:	+451'-9"
SLAB THICKNESS U.O.N.:	t = 12"
SLAB CONCRETE STRENGTH:	f'c = 5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	12" - #5 @ 12" 14" - #6 @ 12"
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	12" - #5 @ 12" 14" - #6 @ 12"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES, DRAWING INDEX, AND SYMBOLS.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
3. SEE 500 SERIES DRAWINGS FOR CONCRETE SECTIONS & DETAILS.
4. BOTTOM-MOST AND TOP-MOST LAYER OF REINFORCEMENT TO RUN EAST-WEST DIRECTION.
5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. (9k) INDICATES SHEARHEAD REINFORCING. SEE 3/S-403.
7. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
8. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-423 FOR SHEAR WALL PLANS.
9. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
10. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:20 AM
NYC Development Hub

400PAS

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NO.	DATE	ISSUANCE
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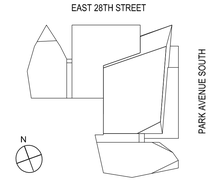
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	1/8" = 1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:
40TH AND ROOF FLOOR REINFORCEMENT PLANS

DRAWING NO:
S-340.00

NYC DOB NO: 121181808 | 50 of 81

5620-050-S-340.dwg

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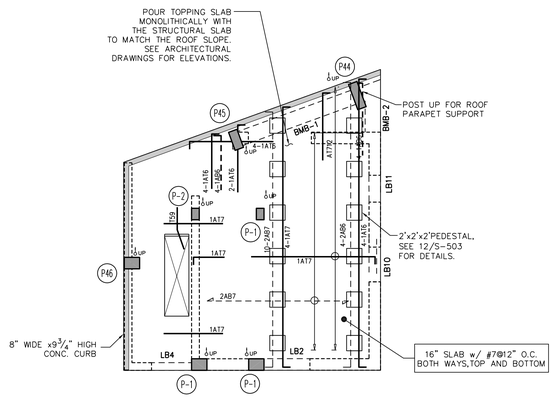
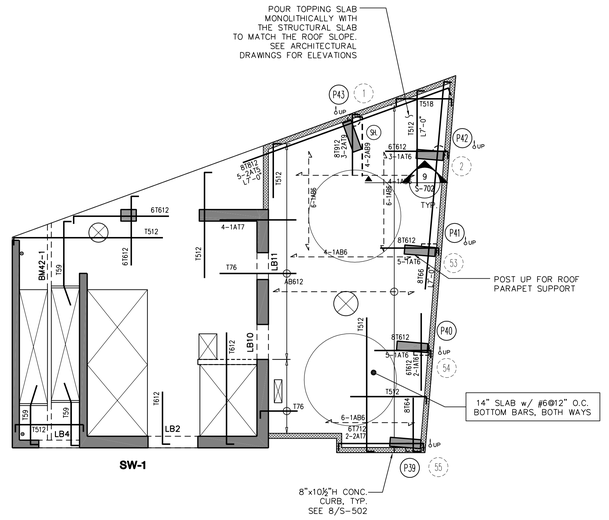


2 EMR ROOF REINFORCEMENT PLAN



1 42ND EMR/MEPLAYOUT REINFORCEMENT PLAN

3 FREIGH EMR ROOF REINFORCEMENT PLAN

FLOOR LEVEL	T. O. SLAB EL.
42ND	+463.11'
EMR ROOF	+472.11'
FREIGHT EMR ROOF	+482.11'

TOP OF SLAB ELEVATION U.O.N.:	SEE TABLE
SLAB THICKNESS U.O.N.:	AS NOTED
SLAB CONCRETE STRENGTH:	f'c = 5 ksi
SLAB BASIC BOTTOM BARS (U.N.O.):	AS NOTED
SLAB MIDDLE STRIP TOP BARS (U.N.O.):	AS NOTED

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5. CONTRACTOR TO LOCATE / VERIFY ALL THE OPENINGS THROUGH THE SLAB FROM ARCHITECTURAL AND MEP DRAWINGS.
6. 'P-1' INDICATES 24"x18" POST w/ 10#5 VERT. AND #3@10" O.C. TIES. 'P-2' INDICATES 18"x12" POST w/ 6#5 VERT. AND #3@10" O.C. TIES.
7. SEE S-601 FOR MASONRY SCHEDULE AND DETAILS.
8. SW-X INDICATES SHEAR WALL CORE. SEE S-411 TO S-414 FOR SHEAR WALL PLANS.
9. LB-X INDICATES LINK BEAMS. SEE S-425 AND S-426 FOR LINK BEAM SCHEDULE.
10. BMX-X INDICATES CONCRETE FLOOR BEAMS. SEE SCHEDULE.

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Under Directive 2 of 1975
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2.	06.15.2012	CONSTRUCTION DOCUMENTS

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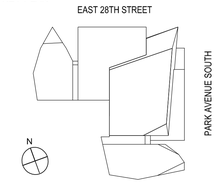

DATE: 01.18.2012
SCALE: 1/8" = 1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
CHRISTOPHER V. D'AMICO
No. 074933
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
BULKHEAD REINFROCEMENT PLANS

DRAWING NO:
S-342.00

NYC DOB NO: 121181808 | 51 of 81

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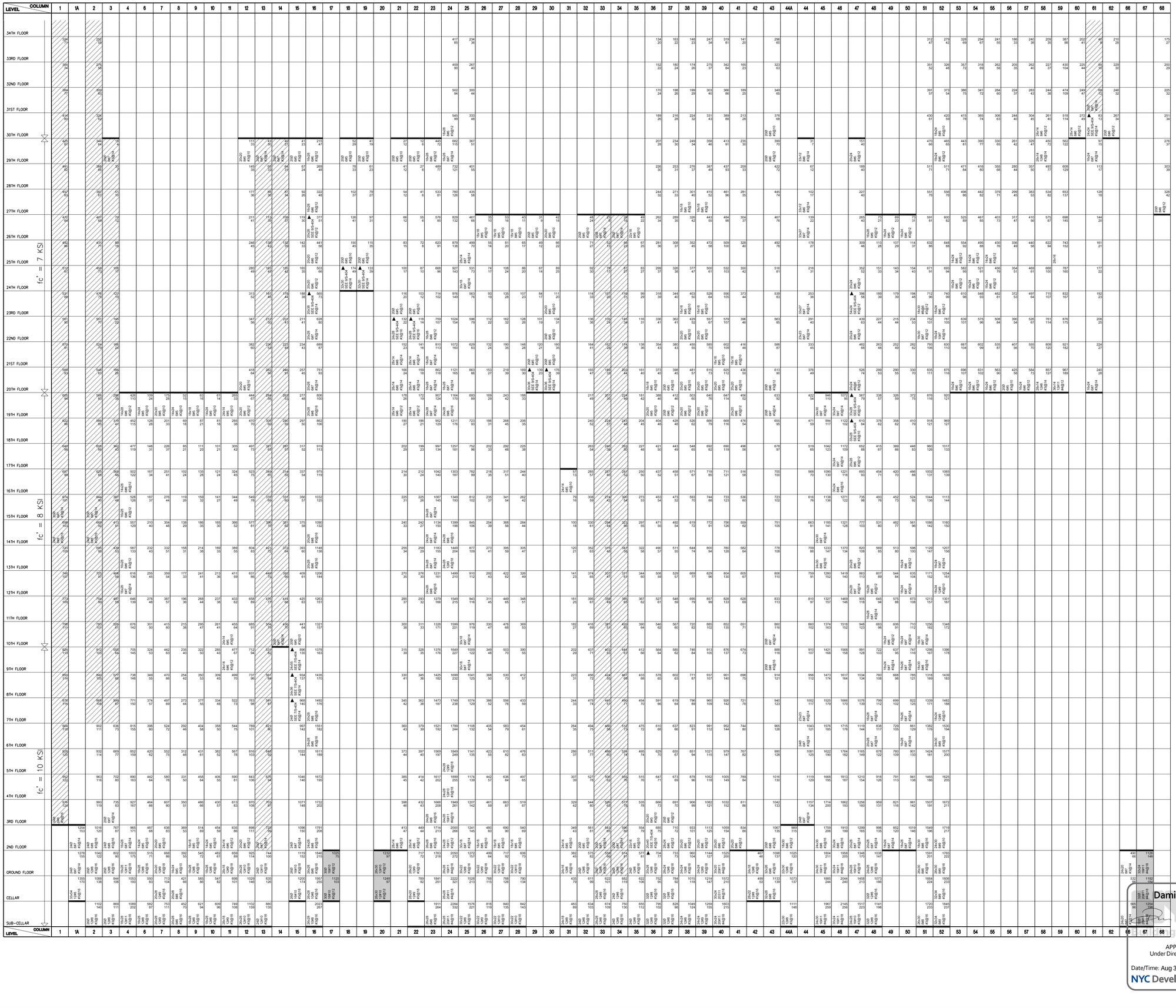

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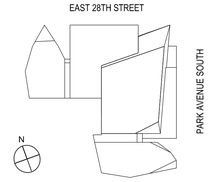
NO.	DATE	ISSUANCE
0.	01.18.2012	MTA SUBMISSION
1.	02.17.2012	DESIGN DEVELOPMENT
2.	03.08.2112	FOUNDATION BID ISSUE
3.	03.21.2012	FOUNDATION PERMIT
4.	04.20.2012	SUPERSTRUCTURE BID ISSUE
5.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: N.T.S.
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
DAMIAN V. DITITO
LIC. NO. 074533
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
COLUMN SCHEDULE

DRAWING NO:
S-401.00

NYC DOB NO: 121181808 | 52 of 81

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ES5867663012 Scan Code

LEVEL \ COLUMN	1	1A	2	3	4	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44A	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	66	67	68
42ND FLOOR		

DEPT OF BLDGS 121181808 Job Number
ES605093737 Scan Code

CONCRETE BEAM SCHEDULE

MARK	SIZE (w x h)	BOTTOM BARS	CONT. TOP BARS	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
BMP-1	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+316'-6"
BMP-2	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+326'-3"
BMP-3	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+349'-6"
BMP-4	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+359'-3"
BMP-5	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+367'-9"
BMP-6	32x16	6#7	6#8	2L #3	6"	T.O. BEAM EL.+449'-5"
BMP-7	32x8	4#6	6#8	2L #3	4"	T.O. BEAM EL.+449'-5"
BMP-8	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+457'-5"
BMP-9	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+463'-11"
BMP-10	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+472'-11"
BMP-11	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+481'-11"
BMP-12	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+490'-11"
BMP-13	32x12	6#7	6#7	2L #3	4"	T.O. BEAM EL.+499'-11"
BMP-14	18x12	3#7	3#7	2L #3	4"	T.O. BEAM EL. VARIES

2 PARAPET ENCLOSURE BEAM SCHEDULE
N.T.S

COLUMN / LEVEL	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10
RING BEAM					T.O. COLUMN● EL. +332'-3/4"	T.O. COLUMN● EL. +332'-3/4"	T.O. COLUMN● EL. +331'-1/8"			
LEVEL 2		T.O. COLUMN● EL. +316'-10"	T.O. COLUMN● EL. +316'-6 7/8"	T.O. COLUMN● EL. +322'-3/8"	14x51 14#8 #3@14"	14x51 14#8 #3@14"	14x51 14#8 #3@14"			
RING BEAM	T.O. COLUMN● EL. +316'-3/8"	14x24 10#7 #3@14"	14x51 14#7 #3@14"	14x51 14#7 #3@14"	14x51 14#8 #3@14"	14x51 14#8 #3@14"	14x79 18#8 #3@14"	14x51 14#8 #3@14"	T.O. COLUMN● EL. +315'-7/8"	T.O. COLUMN● EL. +316'-0 1/4"
LEVEL 1										
27TH FLOOR	18x18 16#8 #3@2"	14x24 10#7 #3@14"	14x51 14#7 #3@14"	14x51 14#7 #3@14"	14x51 14#8 #3@14"	14x51 14#8 #3@14"	14x79 18#8 #3@14"	14x51 14#8 #3@14"	14x51 14#7 #3@14"	14x24 10#7 #3@14"
COLUMN / LEVEL	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10

COLUMN / LEVEL	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23
RING BEAM						T.O. COLUMN● EL. +371'-8 5/8"	T.O. COLUMN● EL. +368'-2 7/8"						
LEVEL 3					T.O. COLUMN● EL. +363'-3 7/8"								
RING BEAM				T.O. COLUMN● EL. +359'-9 3/4"		54x14 14#8 #3@14"	54x14 14#8 #3@14"						
LEVEL 2			T.O. COLUMN● EL. +354'-0 7/8"		54x14 14#8 #3@14"	59x14 16#8 #3@14"	59x14 16#8 #3@14"	T.O. COLUMN● EL. +352'-7 1/2"					
RING BEAM	T.O. COLUMN● EL. +343'-2 7/8"	T.O. COLUMN● EL. +348'-7 1/4"		51x14 14#8 #3@14"	56x14 14#8 #3@14"	64x14 18#8 #3@14"	64x14 18#8 #3@14"	51x14 14#8 #3@14"	T.O. COLUMN● EL. +350'-2 7/8"				
LEVEL 1										T.O. COLUMN● EL. +352'-1 7/8"			
30TH FLOOR	51x14 14#7 #3@14"	51x14 14#7 #3@14"	51x14 14#7 #3@14"	51x14 14#7 #3@14"	56x14 16#8 #3@14"	69x14 20#8 #3@14"	69x14 20#8 #3@14"	51x14 14#8 #3@14"	51x14 14#7 #3@14"	T.O. COLUMN● EL. +346'-8"	T.O. COLUMN● EL. +345'-5 7/8"	T.O. COLUMN● EL. +341'-5 3/4"	
COLUMN / LEVEL	P11	P12	P13	P14	P15	P16	P17	P18	P19	P20	P21	P22	P23

COLUMN / LEVEL	P24	P25	P26	P27	P28	P29	P30	P31
RING BEAM					T.O. COLUMN● EL. +464'-2 7/8"			
LEVEL 1					T.O. COLUMN● EL. +457'-8"			
41ST FLOOR	T.O. COLUMN● EL. +467'-7/4"	T.O. COLUMN● EL. +443'-4 7/8"	T.O. COLUMN● EL. +448'-11 7/8"	T.O. COLUMN● EL. +451'-9 7/8"	14x51 14#8 #3@14"	14x51 14#8 #3@14"	T.O. COLUMN● EL. +457'-8 7/8"	T.O. COLUMN● EL. +454'-4 7/8"
EL. +449'-5"								
40TH FLOOR	14x60 16#7 #3@14"	14x60 16#7 #3@14"	14x60 16#7 #3@14"	14x60 16#7 #3@14"	14x51 14#7 #3@14"	14x51 14#7 #3@14"	14x51 14#7 #3@14"	14x60 16#7 #3@14"
COLUMN / LEVEL	P24	P25	P26	P27	P28	P29	P30	P31

COLUMN / LEVEL	P32	P33	P34	P35	P36	P37	P38	P39	P40	P41	P42	P43	P44	P45	P46
RING BEAM										●● T.O. COLUMN EL. +498'-6"	●● T.O. COLUMN EL. +503'-6"				
LEVEL 3									●● T.O. COLUMN EL. +493'-1"			T.O. COLUMN EL. +506'-1"			
RING BEAM							●●	●● T.O. COLUMN EL. +487'-8"					T.O. COLUMN EL. +500'-8"		
LEVEL 2						●●								T.O. COLUMN EL. +494'-1"	
RING BEAM					●●●										T.O. COLUMN EL. +488'-4"
LEVEL 1	T.O. COLUMN EL. +475'-10"	T.O. COLUMN EL. +469'-4"	T.O. COLUMN EL. +466'-9"	T.O. COLUMN EL. +469'-11"	T.O. COLUMN EL. +472'-11"	T.O. COLUMN EL. +480'-6"	T.O. COLUMN EL. +482'-3"								
EMR ROOF															
EL. +472'-11"															
42ND FLOOR	14x32 12#7 #3@14"	14x32 12#7 #3@14"	32x14 12#7 #3@14"	32x14 12#7 #3@14"	25x14 12#7 #3@14"	14x41 10#8 #3@14"	14x39 8#9 #3@14"	14x48 12#8 #3@14"	14x48 12#8 #3@14"	14x48 12#8 #3@14"	14x42 10#8 #3@14"	48x14 12#8 #3@14"			
EL. +463'-11"															
41ST FLOOR	14x32 12#7 #3@14"	14x32 12#7 #3@14"	32x14 12#7 #3@14"	32x14 12#7 #3@14"	25x14 12#7 #3@14"	14x41 10#8 #3@14"	14x39 8#9 #3@14"	14x48 12#8 #3@14"	14x48 12#8 #3@14"	14x48 12#8 #3@14"	14x42 10#8 #3@14"	42x14 10#8 #3@14"	42x14 10#8 #3@14"	30x14 12#7 #3@14"	14x24 10#7 #3@14"
COLUMN / LEVEL	P32	P33	P34	P35	P36	P37	P38	P39	P40	P41	P42	P43	P44	P45	P46

NOTES:

1. ● INDICATES 14x18 x7'-0" TALL POST ABOVE TOP OF COLUMN w/ 6#7 AND #3@14" TIES. PROVIDE 5'-0" MINIMUM COLUMN WALK. SEE 5/S-506 FOR TYP. SECTION AND 9/S-404 FOR TYP. COLUMN WALK DETAIL.
2. ●● INDICATES 14x18 x4'-0" TALL POST ABOVE TOP OF COLUMN w/ 6#7 AND #3@14" TIES. PROVIDE 5'-0" MINIMUM COLUMN WALK. SEE 7/S-506 FOR TYP. SECTION AND 9/S-404 FOR TYP. COLUMN WALK DETAIL.
3. ●●● INDICATES 14x18 x1'-6" TALL POST ABOVE TOP OF COLUMN w/ 6#7 AND #3@14" TIES. PROVIDE 5'-0" MINIMUM COLUMN WALK. SEE 7/S-506 FOR TYP. SECTION AND 9/S-404 FOR TYP. COLUMN WALK DETAIL.

1 PARAPET ENCLOSURE POST SCHEDULES
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Damian Titus
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Under Directive 2 of 1975
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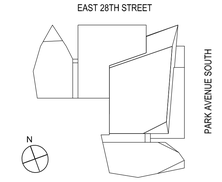
NO.	DATE	ISSUANCE
1.	02.17.2012	DESIGN DEVELOPMENT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



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PROJECT NO: 5620

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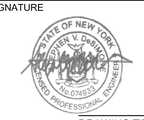

DRAWING TITLE:
PARAPET ENCLOSURE SCHEDULES

DRAWING NO:
S-403.00

NYC DOB NO: 121181808 | 54 of 81

5620-054-S-403.dwg
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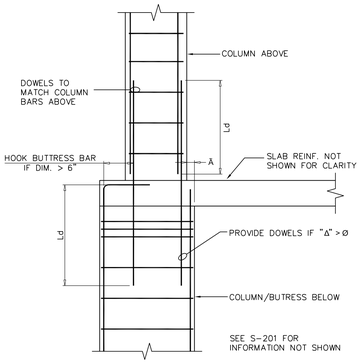
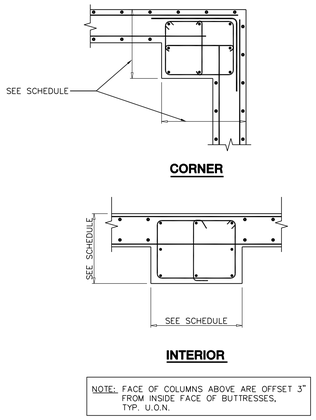
ES3305402497 Scan Code

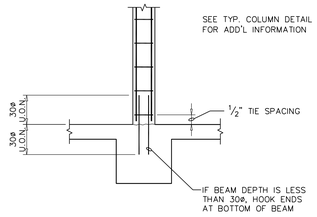


5 TYPICAL COLUMN/ BUTTRESS DETAIL

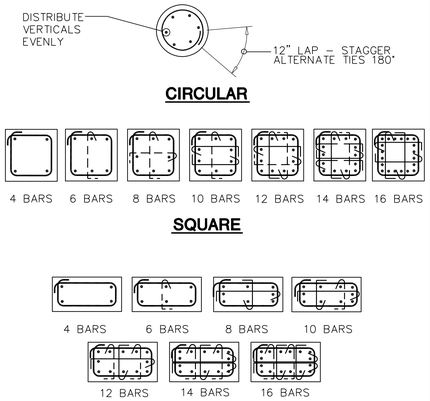


NOTE: FACE OF COLUMNS ABOVE ARE OFFSET 3" FROM INSIDE FACE OF BUTTRESSES, TYP. U.O.N.

4 TYPICAL CONCRETE BUTTRESS DETAIL



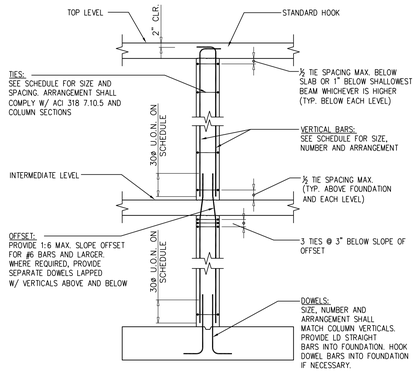
3 TYPICAL DETAIL OF COLUMN SUPPORTED BY CONCRETE BEAM



NOTES:

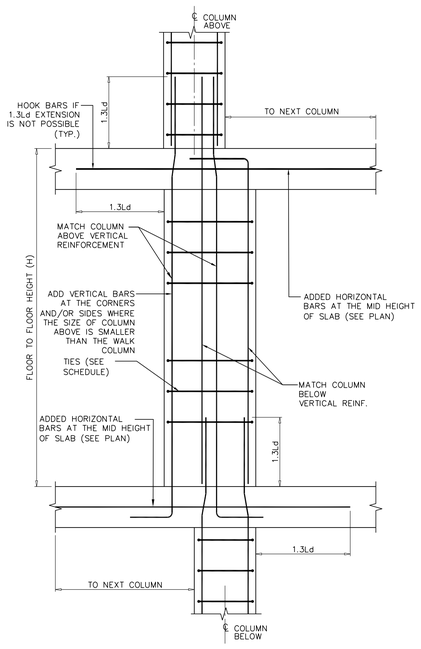
1. DASHED TIES MAY BE OMITTED IF CLEAR DISTANCE BETWEEN ADJACENT VERTICALS < 6".
2. ALTERNATE POSITION OF 90° HOOKS ON SINGLE TIES.
3. FOR 14 BARS COLUMNS, TYPE 'S', EAST AND WEST SIDES HAVE ONE MORE VERTICAL BAR THAN THE NORTH AND SOUTH SIDES.

2 TYPICAL CONCRETE COLUMN SECTIONS

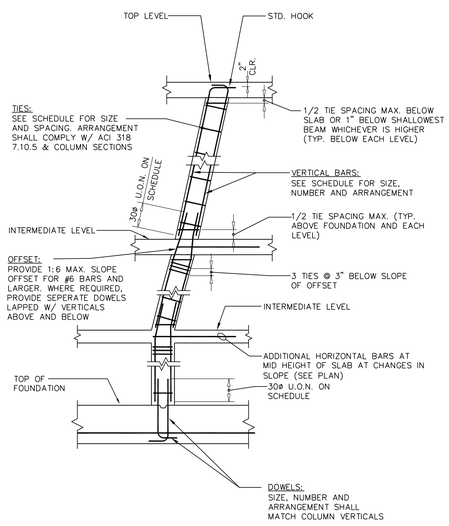


THE BUILDING STRUCTURE IS DESIGNED USING Rw=8. SHEAR WALLS ARE DESIGNED FOR 100% OF THE LATERAL LOADS GENERATED BY SEISMIC ANALYSIS. BUILDING COLUMNS ARE, THEREFORE DESIGNED AND DETAILED TO SUPPORT GRAVITY LOADING ONLY.

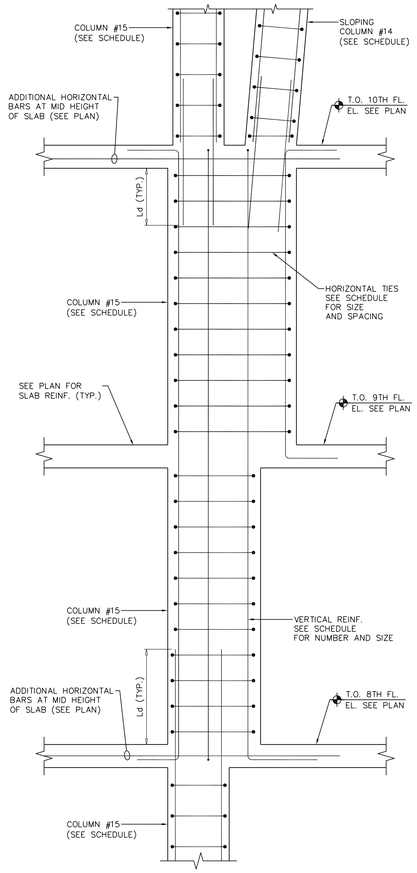
1 TYPICAL CONCRETE COLUMN DETAIL GRAVITY COLUMNS ONLY



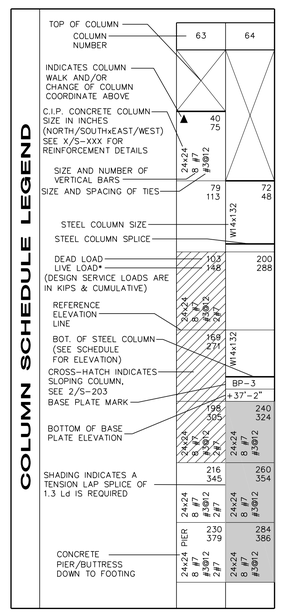
9 TYPICAL COLUMN WALK DETAIL



8 TYPICAL SLOPING COLUMN DETAIL GRAVITY COLUMNS ONLY



7 COLUMN WALK DETAIL AT COLUMN #15



*REDUCED LIVE LOADS AS PER NEW YORK CITY BUILDING CODE

6 COLUMN LEGEND SCHEDULE

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0.	01.18.2012	MTA SUBMISSION
1.	02.17.2012	DESIGN DEVELOPMENT
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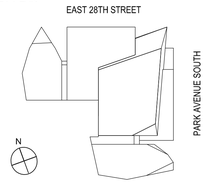
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



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SCALE: N.T.S.
PROJECT NO: 5620

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COLUMN DETAILS

DRAWING NO:
S-404.00

NYC DOB NO: 121181808 | 55 of 81

5620-055-S-404.dwg

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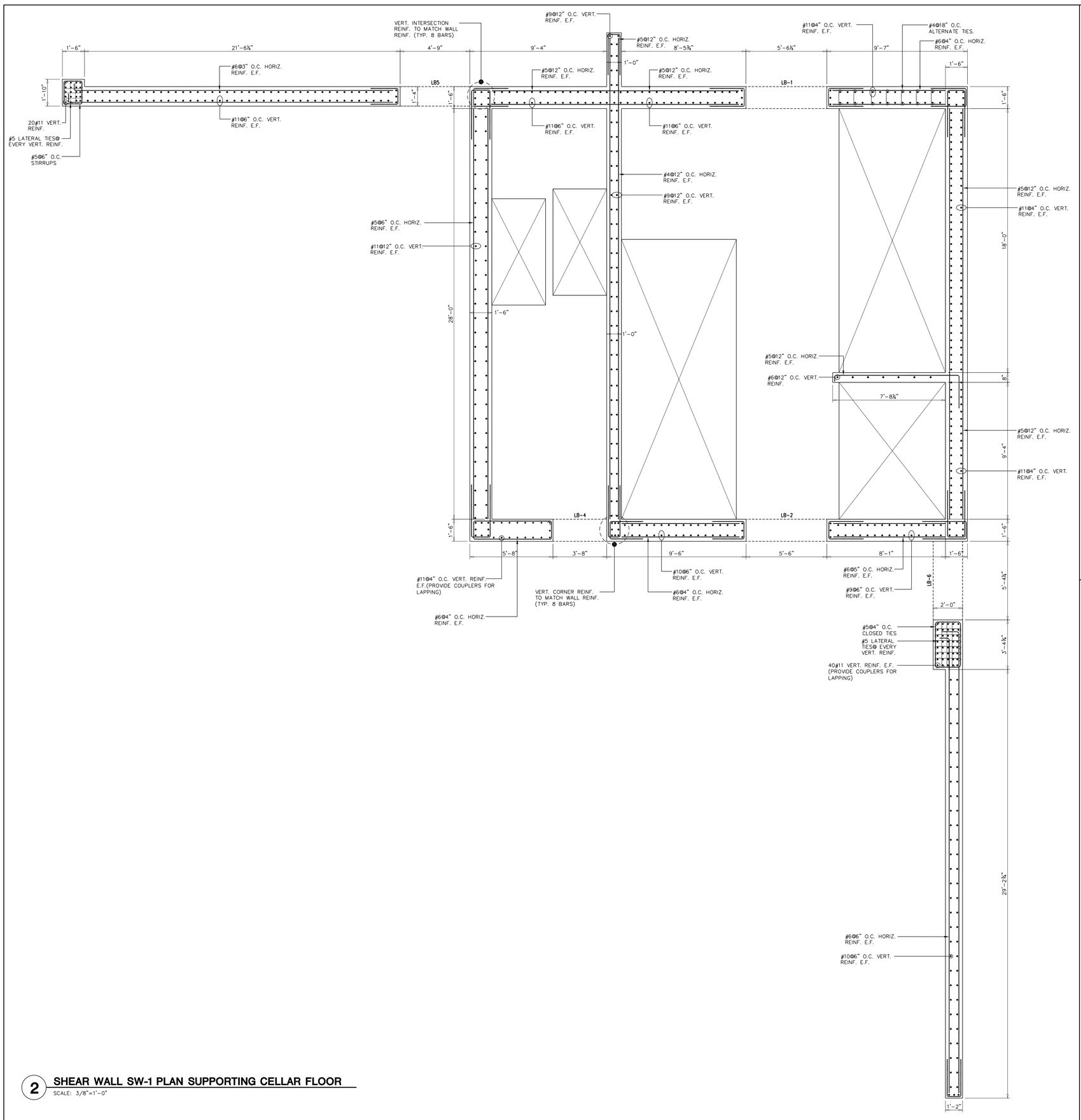
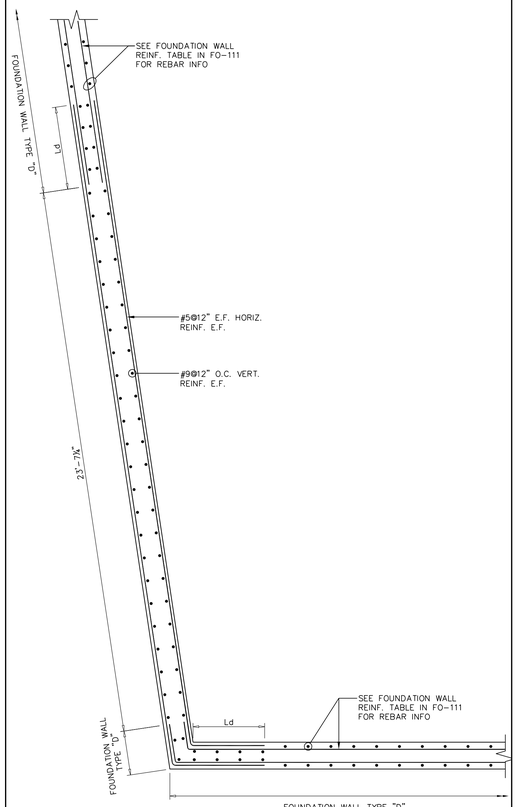
ES246411079 Sean Cook



2 SHEAR WALL SW-1 PLAN SUPPORTING CELLAR FLOOR

SCALE: 3/8"=1'-0"



1 SHEAR WALL SW-2 PLAN SUPPORTING CELLAR

SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
4. SEE 500 SERIES DRAWINGS FOR TYPICAL CONCRETE DETAILS.
5. ALL SHEAR WALLS SHALL BE NORMAL WT. CONCRETE WITH THE FOLLOWING COMPRESSIVE STRENGTHS:
   CELLAR – 10TH FLOOR: f'c = 10000 psi
   11TH FLOOR – 20TH FLOOR: f'c = 8000 psi
   21TH FLOOR – 30TH FLOOR: f'c = 7000 psi
   31ST FLOOR – ROOF: f'c = 6000 psi
6. ALL CROSSTIES (⟜) MAY HAVE 35°/90° HOOKS (⌐) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
9. T.O. BEAM TO MATCH T.O. FLOOR SLAB U.N.O.
10. CONTRACTOR TO LOCATE/VERIFY ALL OPENINGS IN SHEAR WALLS FROM ARCHITECTURAL AND MEP DRAWINGS.
11. SEE S-424 TO S-427 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

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Date/Time Approved: Jan 30 2012 - 10:20 AM
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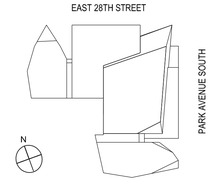
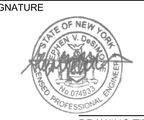
NO.	DATE	ISSUANCE
0.	03.08.2012	FOUNDATION BID ISSUE
1.	03.21.2012	FOUNDATION PERMIT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
4.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 3/8"=1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE



DRAWING TITLE:

SHEAR WALL PLAN

DRAWING NO:

S-411.00

NYC DOB NO: 121181808 | 56 of 81

5620-006-S-411.dwg
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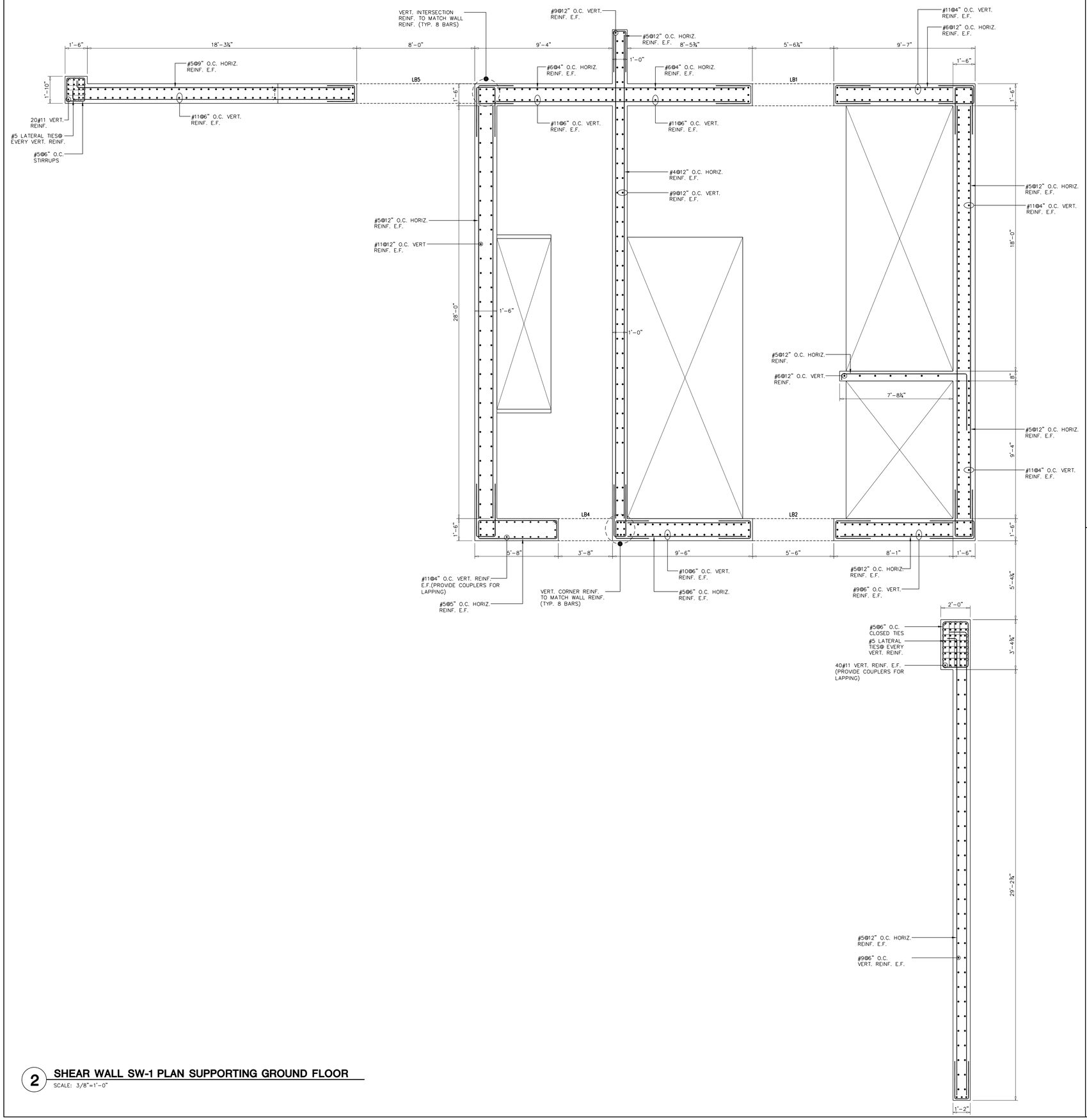
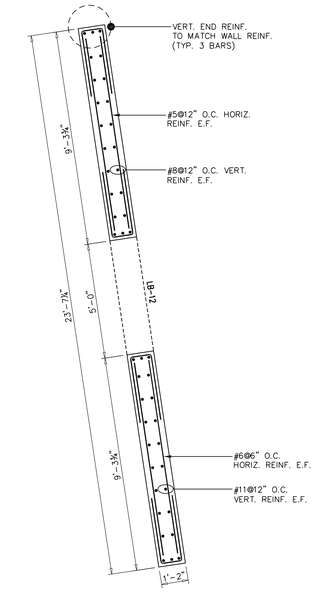
ES330585347 Scan Code



1 SHEAR WALL SW-2 PLAN SUPPORTING GROUND

SCALE: 3/8"=1'-0"



2 SHEAR WALL SW-1 PLAN SUPPORTING GROUND FLOOR

SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
4. SEE 500 SERIES DRAWINGS FOR TYPICAL CONCRETE DETAILS.
5. ALL SHEAR WALLS SHALL BE NORMAL WT. CONCRETE WITH THE FOLLOWING COMPRESSIVE STRENGTHS:
   CELLAR – 10TH FLOOR: f'c = 10000 psi
   11TH FLOOR – 20TH FLOOR: f'c = 8000 psi
   21TH FLOOR – 30TH FLOOR: f'c = 7000 psi
   31ST FLOOR – ROOF: f'c = 6000 psi
6. ALL CROSSTIES (⟷) MAY HAVE 35°/90° HOOKS (⌐ ¬) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
9. T.O. BEAM TO MATCH T.O. FLOOR SLAB U.N.O.
10. CONTRACTOR TO LOCATE/VERIFY ALL OPENINGS FROM SHEAR WALLS FROM ARCHITECTURAL AND MEP DRAWINGS.
11. SEE S-424 TO S-427 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

Damian Titus
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2.	06.15.2012	CONSTRUCTION DOCUMENTS

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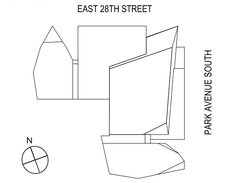

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PROJECT NO:	5620

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DRAWING TITLE:

SHEAR WALL PLANS

DRAWING NO:

S-412.00

NYC DOB NO: 121181808 | 57 of 81

5620-057-S-412.dwg

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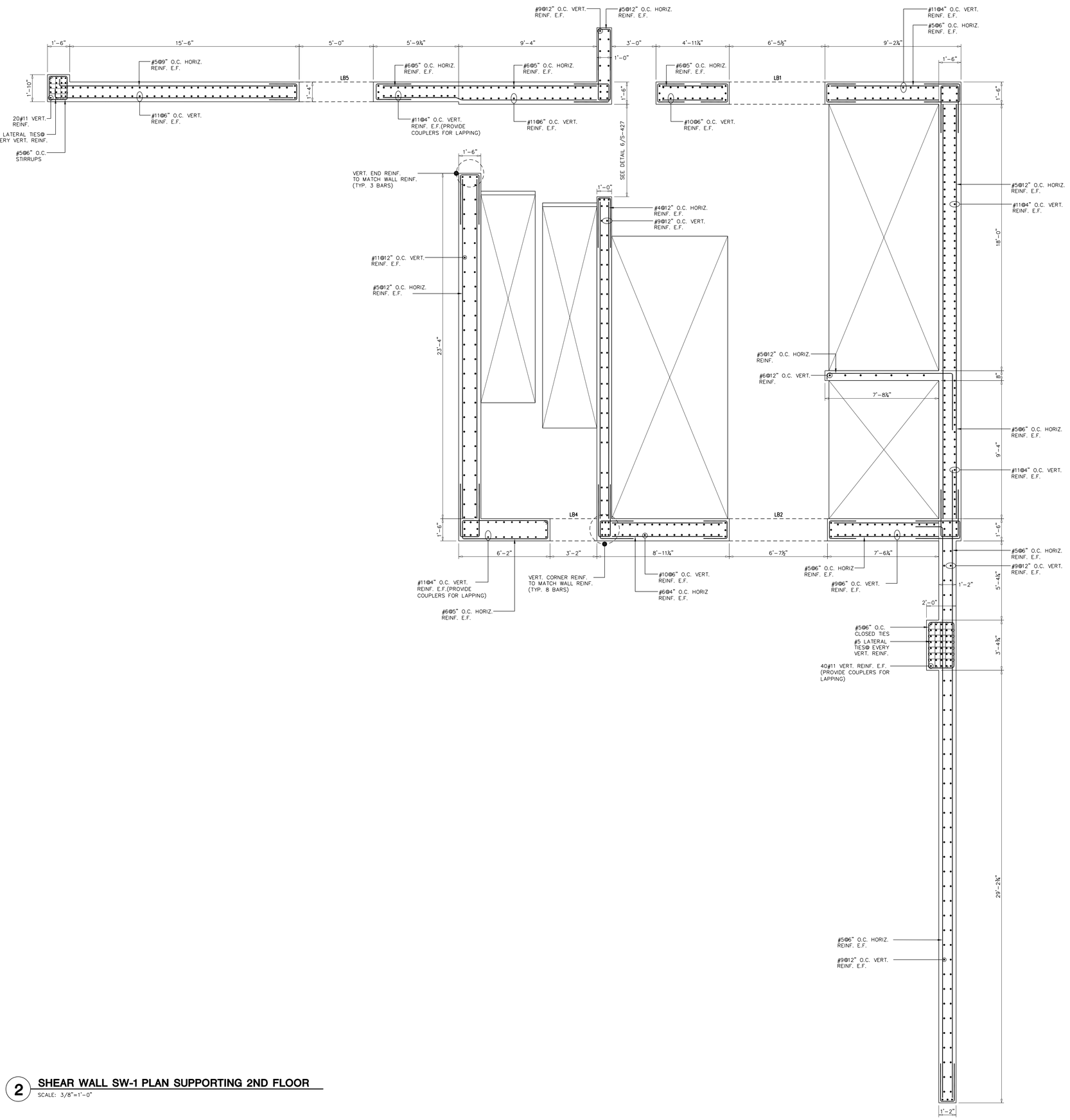
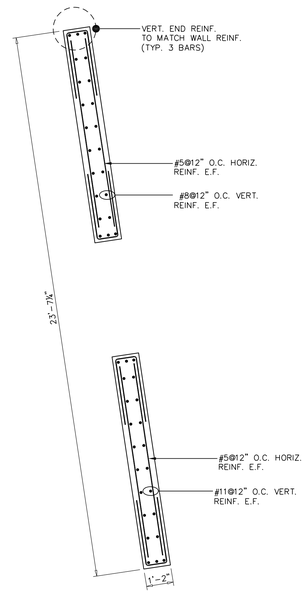
ES100699457 Scan Code



2 SHEAR WALL SW-1 PLAN SUPPORTING 2ND FLOOR

SCALE: 3/8"=1'-0"



1 SHEAR WALL SW-2 PLAN SUPPORTING 2ND FLOOR

SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
4. SEE 500 SERIES DRAWINGS FOR TYPICAL CONCRETE DETAILS.
5. ALL SHEAR WALLS SHALL BE NORMAL WT. CONCRETE WITH THE FOLLOWING COMPRESSIVE STRENGTHS:
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6. ALL CROSSTIES (⟷) MAY HAVE 135°/90° HOOKS (⊐⊏) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
9. T.O. BEAM TO MATCH T.O. FLOOR SLAB U.N.O.
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11. SEE S-424 TO S-427 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

Damian Titus
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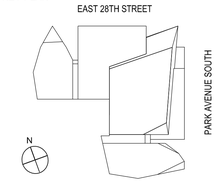
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	3/8"=1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK · STEPHEN V. DESIMONE · No. 074853 · LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:

SHEAR WALL PLANS

DRAWING NO:

S-413.00

NYC DOB NO: 121181808 | 51 of 81

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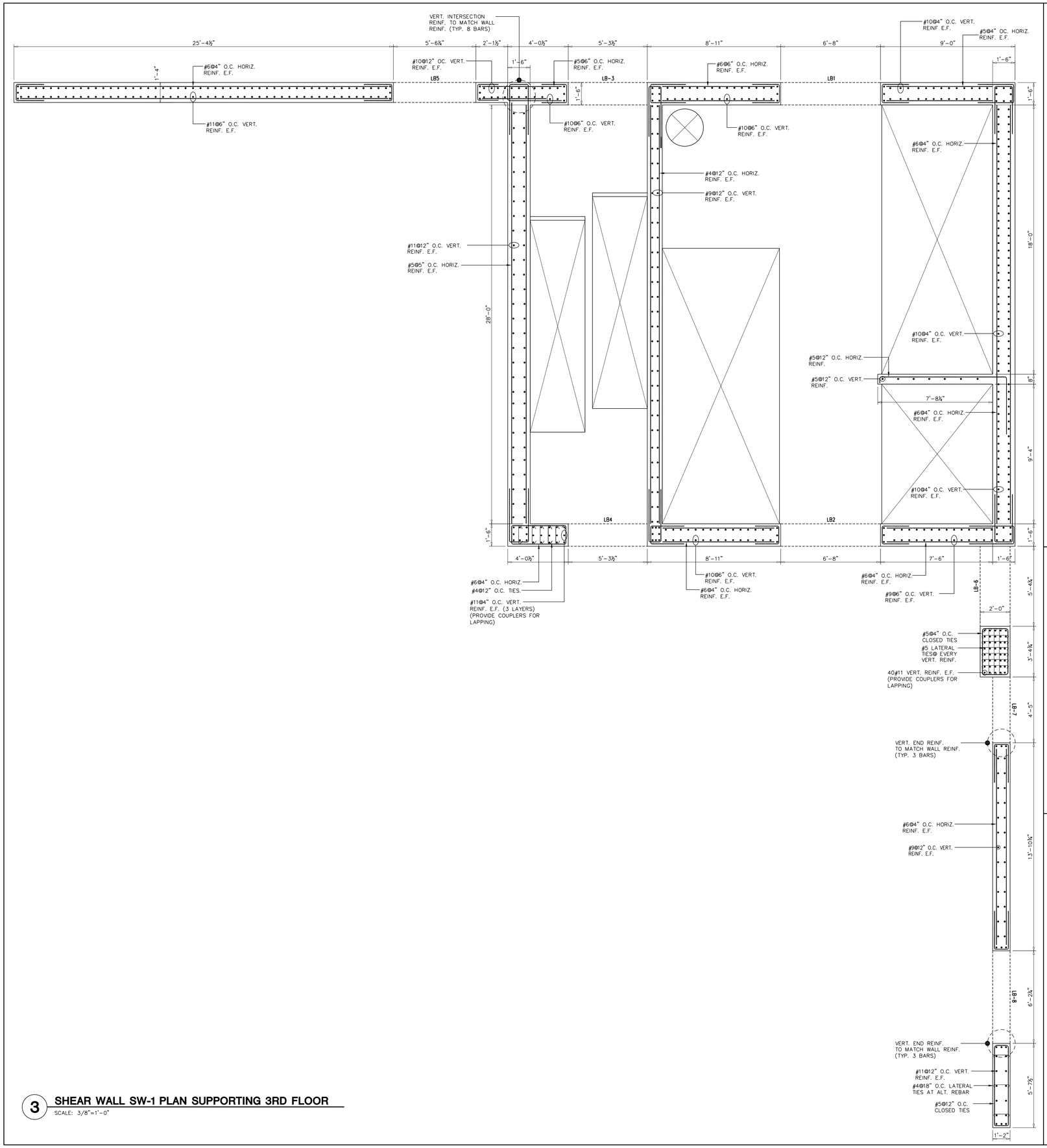
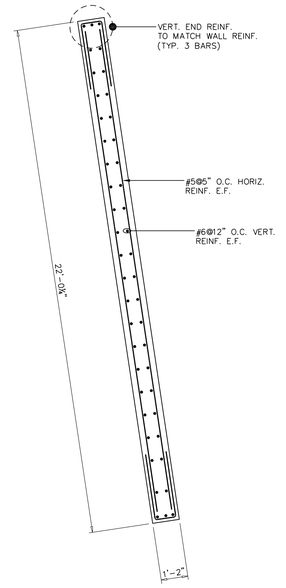


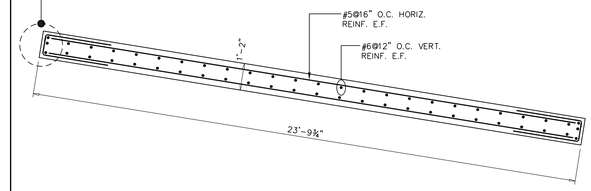
3 SHEAR WALL SW-1 PLAN SUPPORTING 3RD FLOOR

SCALE: 3/8"=1'-0"



1 SHEAR WALL SW-2 PLAN SUPPORTING 3RD FLOOR

SCALE: 3/8"=1'-0"



2 SHEAR WALL SW-3 PLAN SUPPORTING 3RD FLOOR

SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
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   31ST FLOOR - ROOF: f'c = 6000 psi
6. ALL CROSSTIES (⊂⊃) MAY HAVE 135°/90° HOOKS (⊂⊃) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
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11. SEE S-424 TO S-426 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

Damian Titus
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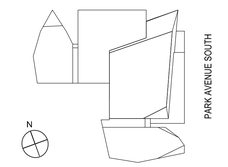

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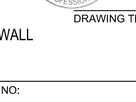

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SHEAR WALL PLANS

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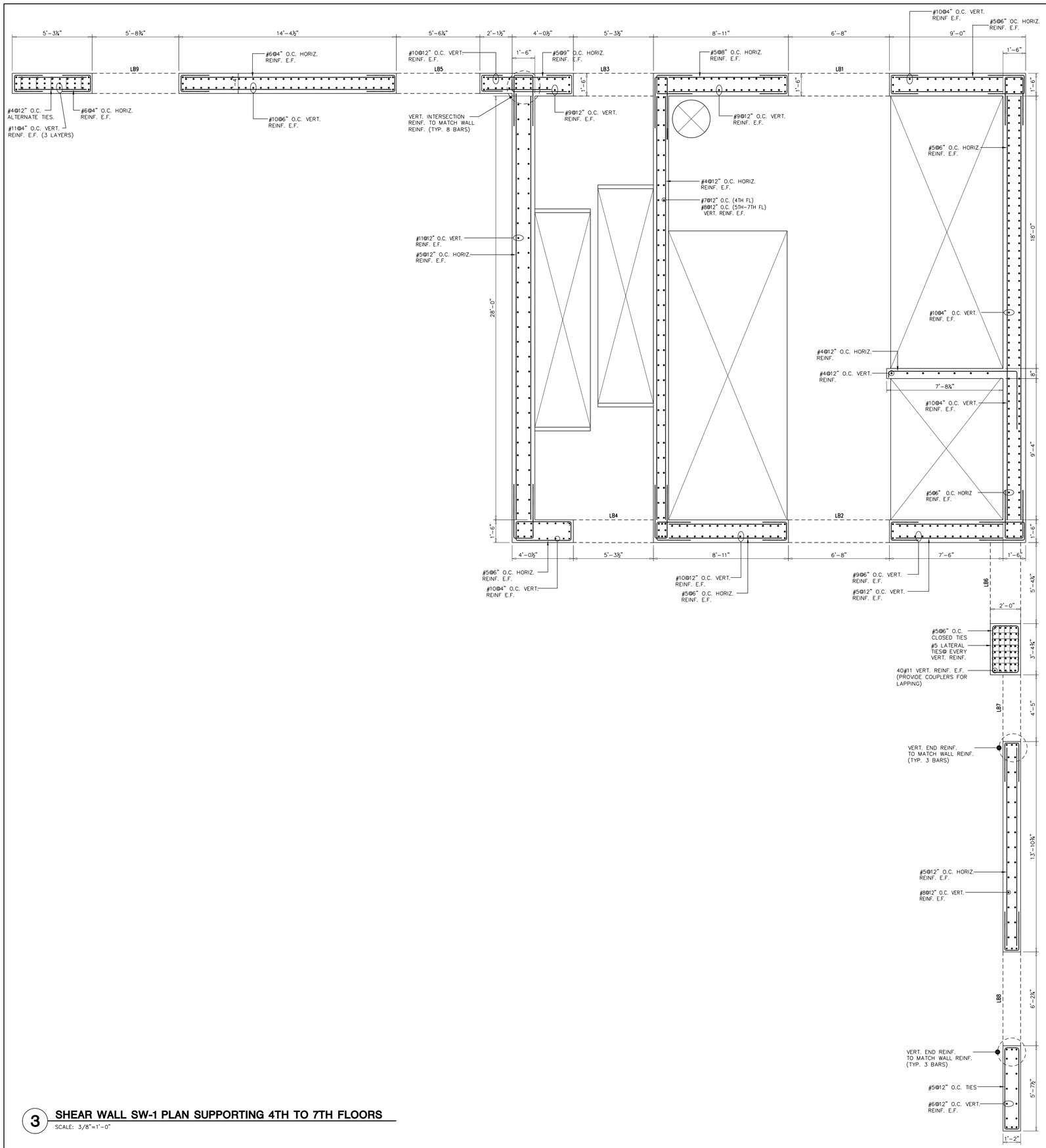
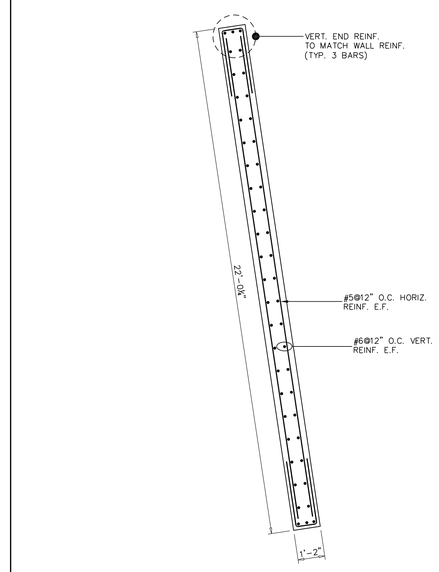


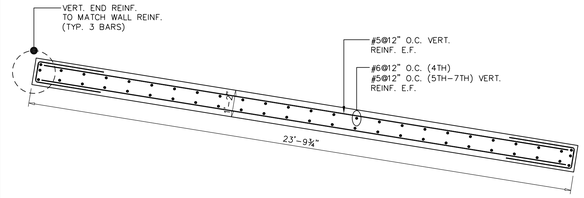
3 SHEAR WALL SW-1 PLAN SUPPORTING 4TH TO 7TH FLOORS

SCALE: 3/8"=1'-0"



1 SHEAR WALL SW-2 PLAN SUPPORTING 4TH TO 7TH FLOORS

SCALE: 3/8"=1'-0"



2 SHEAR WALL SW-3 PLAN SUPPORTING 4TH TO 7TH FLOORS

SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
4. SEE 500 SERIES DRAWINGS FOR TYPICAL CONCRETE DETAILS.
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   11TH FLOOR - 20TH FLOOR: f'c = 8000 psi
   21TH FLOOR - 30TH FLOOR: f'c = 7000 psi
   31ST FLOOR - ROOF: f'c = 6000 psi
6. ALL CROSSTIES (⊂⊃) MAY HAVE 135°/90° HOOKS (⊃/⊃) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
9. T.O. BEAM TO MATCH T.O. FLOOR SLAB U.N.O.
10. CONTRACTOR TO LOCATE/VERIFY ALL OPENINGS IN SHEAR WALLS FROM ARCHITECTURAL AND MEP DRAWINGS.
11. SEE S-424 TO S-427 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

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Under Directive 2 of 1975
Date: January 30, 2012 10:20 AM
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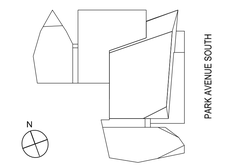

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PROJECT NO:	5620

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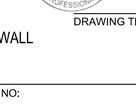

DRAWING TITLE:

SHEAR WALL PLANS

DRAWING NO:

S-415.00

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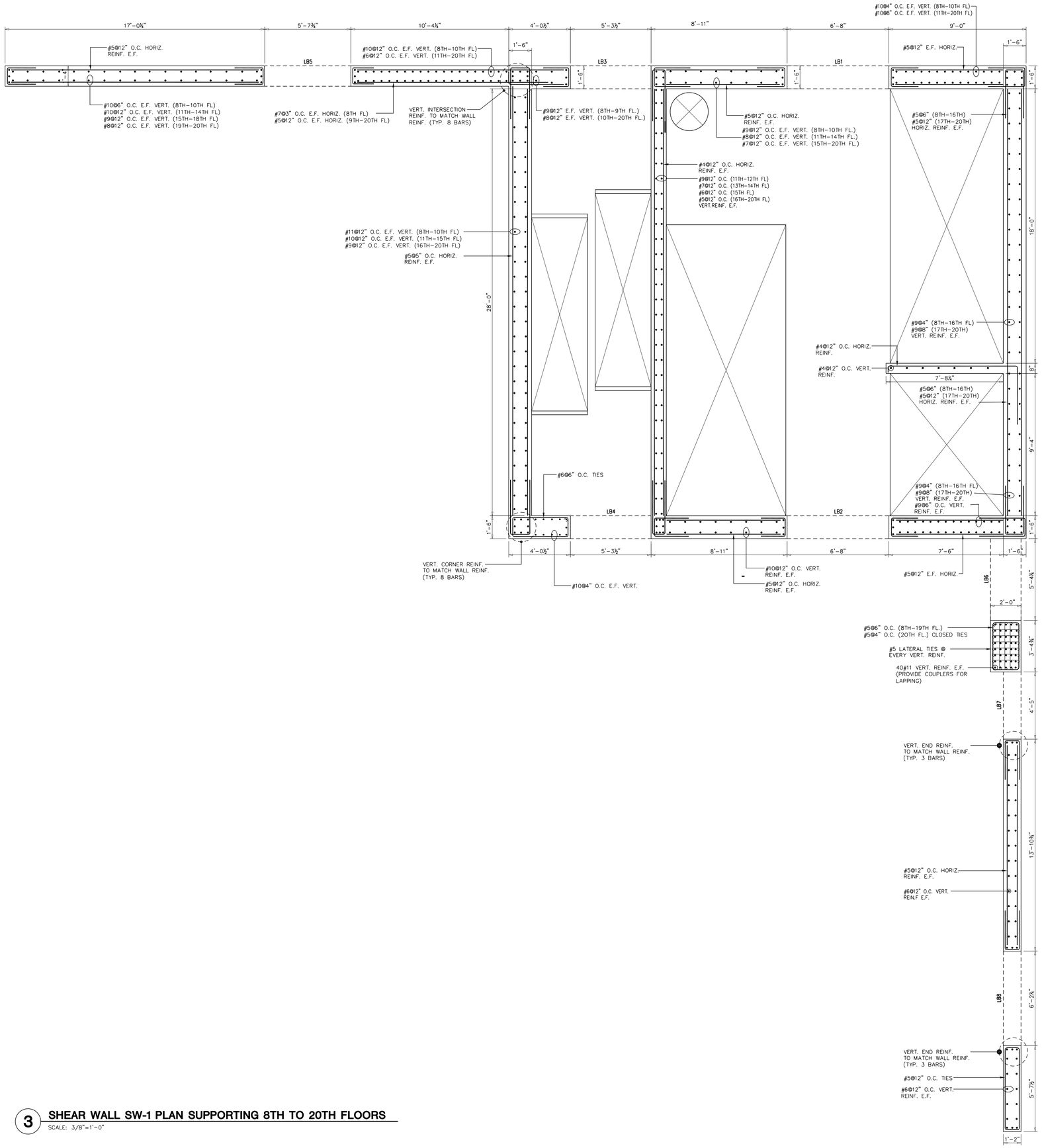
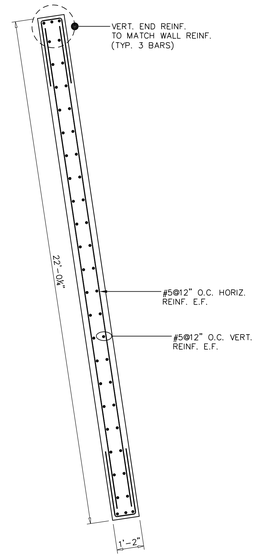
DEPT OF BLDGS 121181808 Job Number
ES0150090122 Scan Code



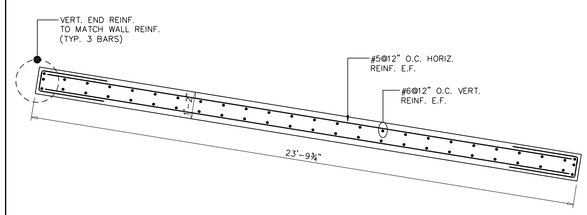
3 SHEAR WALL SW-1 PLAN SUPPORTING 8TH TO 20TH FLOORS

SCALE: 3/8"=1'-0"



1 SHEAR WALL SW-2 PLAN SUPPORTING 8TH TO 20TH FLOORS

SCALE: 3/8"=1'-0"



2 SHEAR WALL SW-3 PLAN SUPPORTING 8TH TO 20TH FLOORS

SCALE: 3/8"=1'-0"

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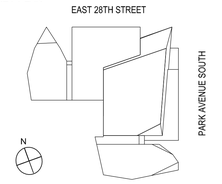

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PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK · STEVEN V. DESIMONE · LICENSED PROFESSIONAL ENGINEER · No. 074033

DRAWING TITLE:
SHEAR WALL PLANS

DRAWING NO:
S-416.00

NYC DOB NO: 121181808 | 61 of 81

5620-061-S-416.dwg

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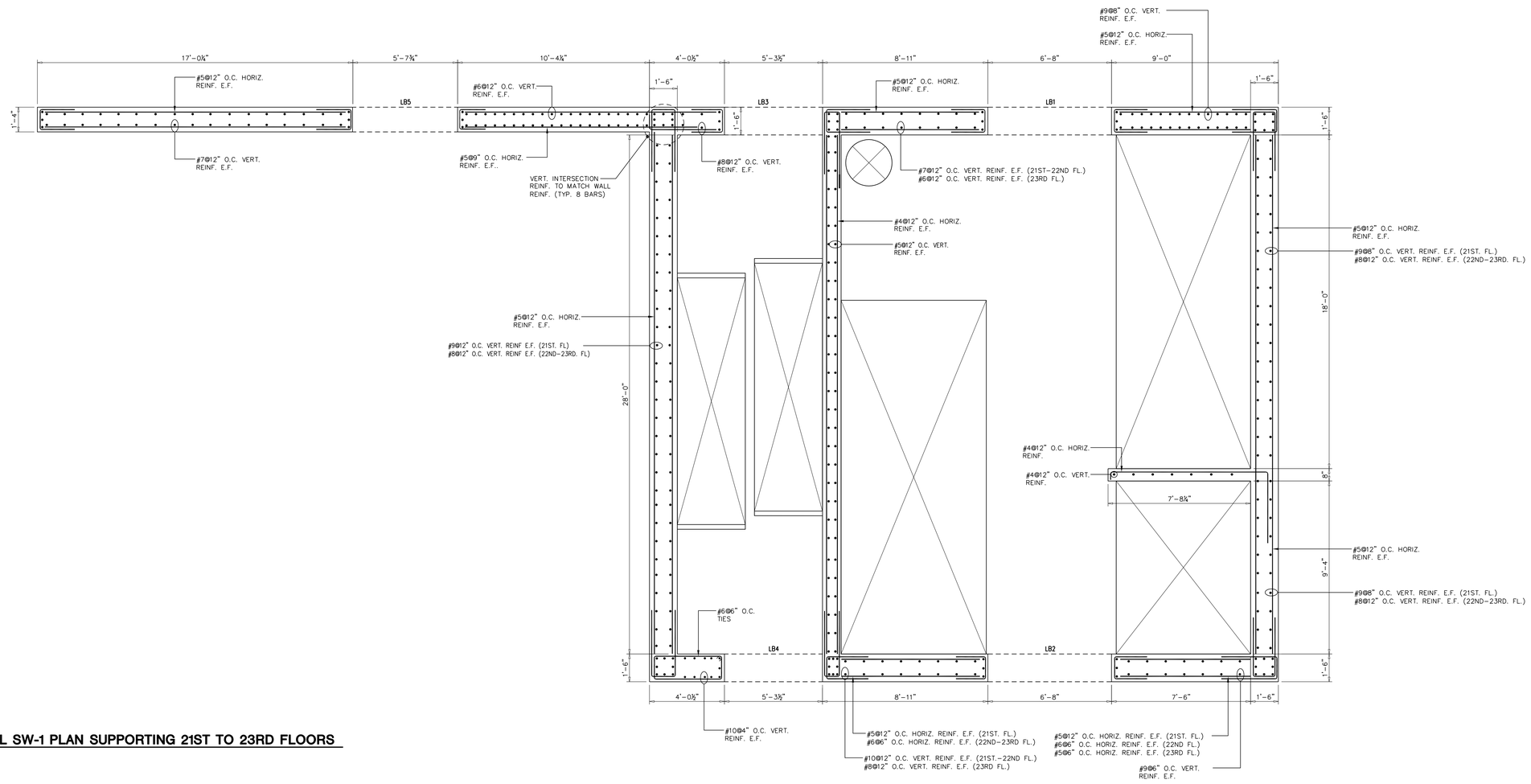
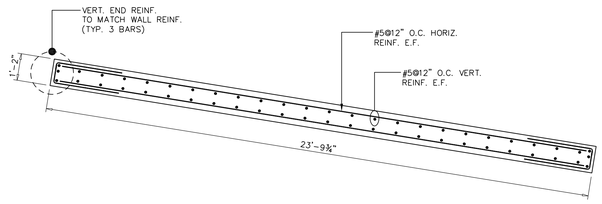


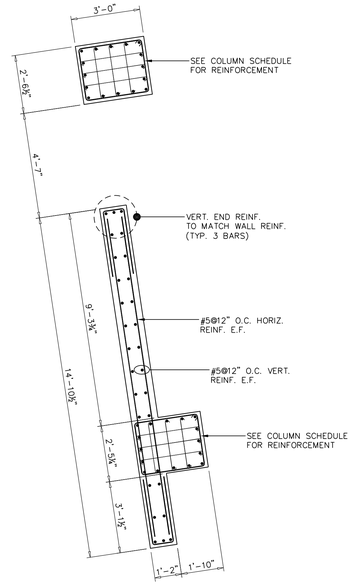
1 SHEAR WALL SW-1 PLAN SUPPORTING 21ST TO 23RD FLOORS

SCALE: 3/8"=1'-0"



3 SHEAR WALL SW-3 PLAN SUPPORTING 21ST TO 23RD FLOORS

SCALE: 3/8"=1'-0"



2 SHEAR WALL SW-2 PLAN SUPPORTING 21ST TO 23RD FLOORS

SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
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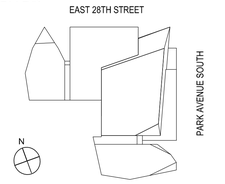

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DRAWING TITLE:

SHEAR WALL PLANS

DRAWING NO:

S-417.00

NYC DOB NO: 121181808 | 62 of 81

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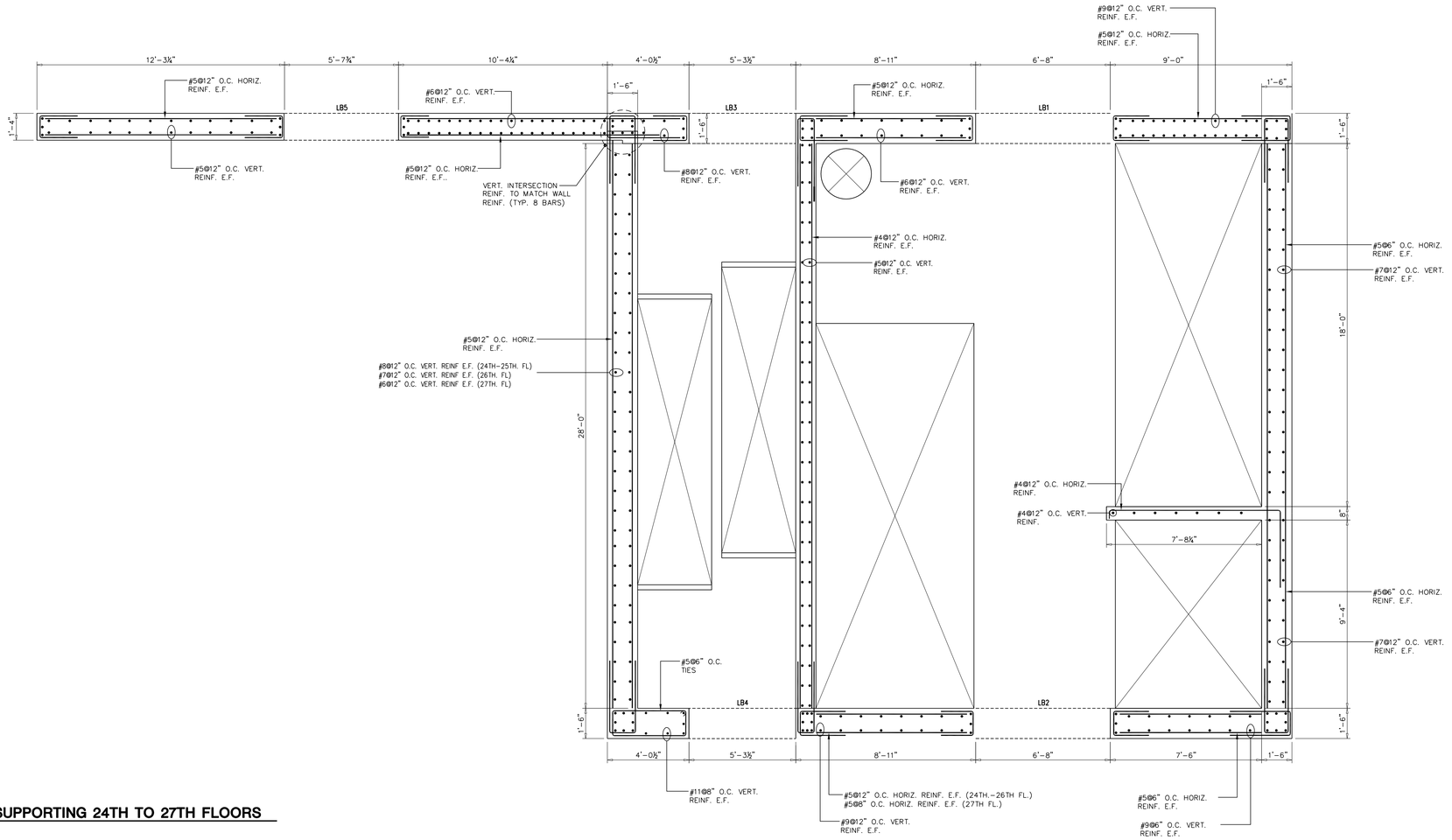
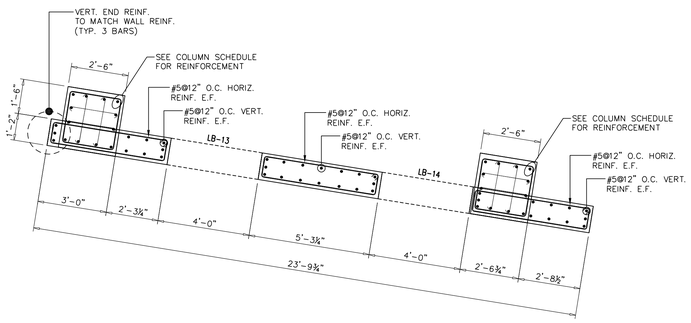


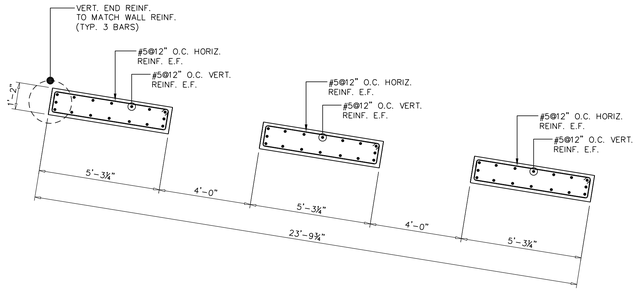
1 SHEAR WALL SW-1 PLAN SUPPORTING 24TH TO 27TH FLOORS

SCALE: 3/8"=1'-0"



3 SHEAR WALL SW-3 PLAN SUPPORTING 25TH FLOOR

SCALE: 3/8"=1'-0"



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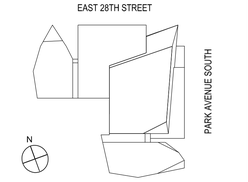
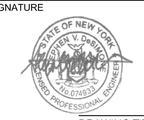
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: 3/8"=1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE



DRAWING TITLE:

SHEAR WALL PLANS

DRAWING NO:

S-418.00

NYC DOB NO: 121181808 | 63 of 81

5620-063-S-418.dwg

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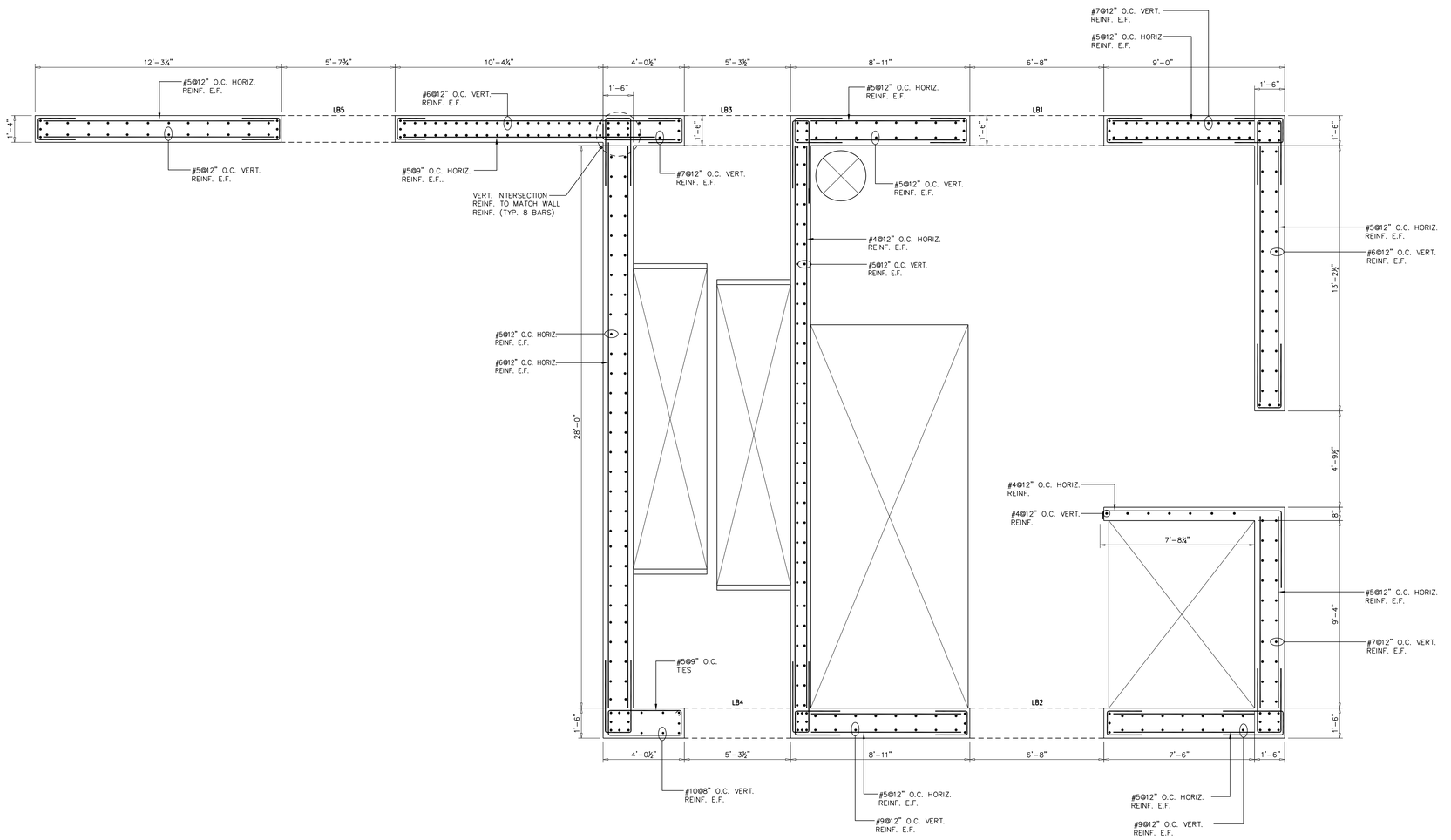
ES155522136 Scan Code



1 SHEAR WALL SW-1 PLAN SUPPORTING 28TH FLOOR
SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
4. SEE 500 SERIES DRAWINGS FOR TYPICAL CONCRETE DETAILS.
5. ALL SHEAR WALLS SHALL BE NORMAL WT. CONCRETE WITH THE FOLLOWING COMPRESSIVE STRENGTHS:
   CELLAR – 10TH FLOOR: f'c = 10000 psi
   11TH FLOOR – 20TH FLOOR: f'c = 8000 psi
   21TH FLOOR – 30TH FLOOR: f'c = 7000 psi
   31ST FLOOR – ROOF: f'c = 6000 psi
6. ALL CROSSTIES (⟷) MAY HAVE 135°/90° HOOKS (⊐⊏) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
9. T.O. BEAM TO MATCH T.O. FLOOR SLAB U.N.O.
10. CONTRACTOR TO LOCATE/VERIFY ALL OPENINGS IN SHEAR WALLS FROM ARCHITECTURAL AND MEP DRAWINGS.
11. SEE S-424, S-425, S-427 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

Damian Titus
APPROVED
Under Directive 2 of 1975
Date Time: 8/30/2012 10:20 AM
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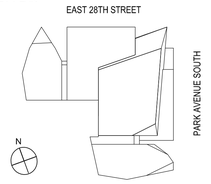
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	3/8"=1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:
SHEAR WALL PLANS

DRAWING NO:
S-419.00

NYC DOB NO: 121181808 | 64 of 81

5620-064-S-419.dwg

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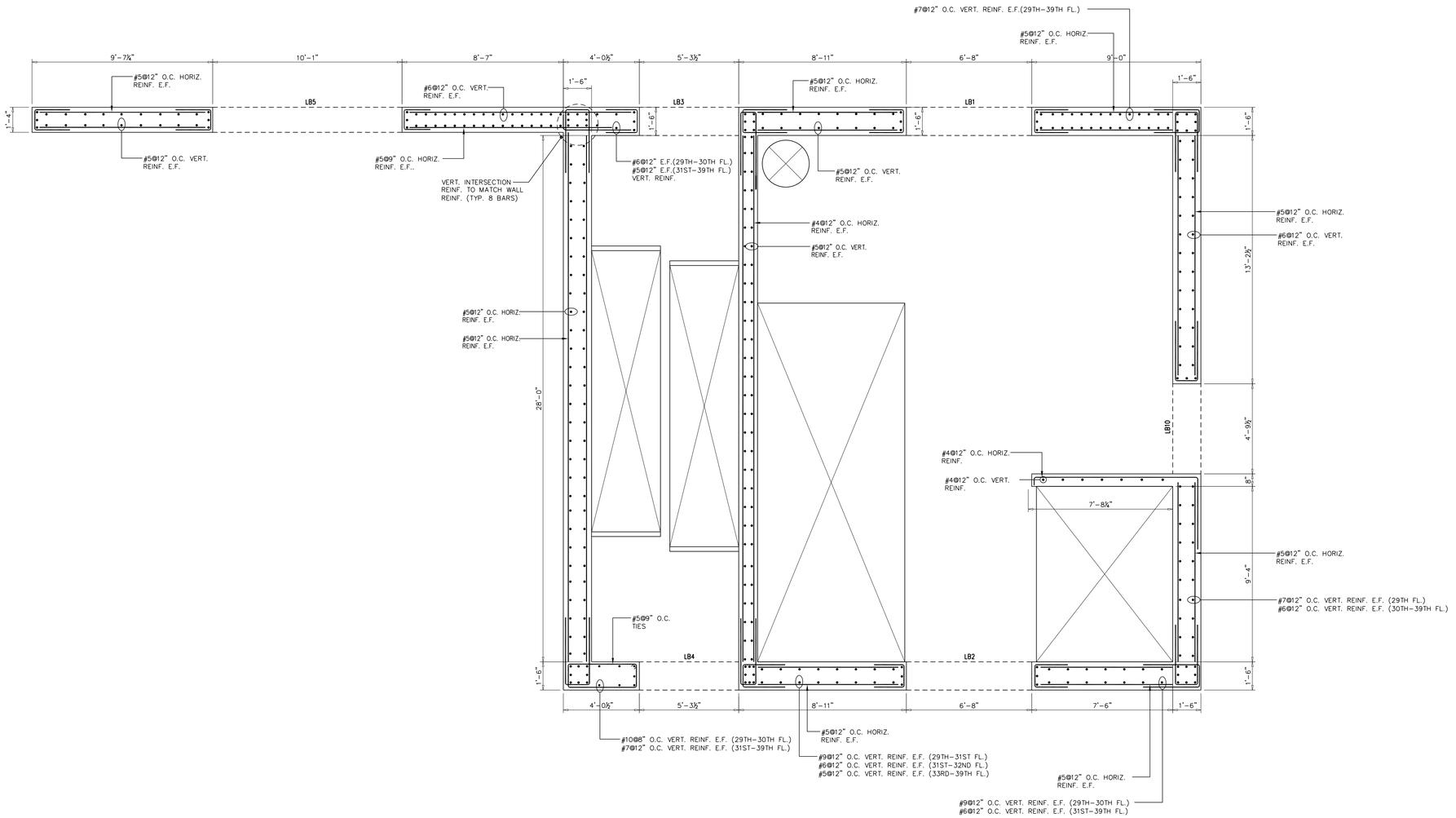

1 SHEAR WALL SW-1 PLAN SUPPORTING 29TH TO 39TH FLOORS

SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
4. SEE 500 SERIES DRAWINGS FOR TYPICAL CONCRETE DETAILS.
5. ALL SHEAR WALLS SHALL BE NORMAL WT. CONCRETE WITH THE FOLLOWING COMPRESSIVE STRENGTHS:
   CELLAR - 10TH FLOOR: f'c = 10000 psi
   11TH FLOOR - 20TH FLOOR: f'c = 8000 psi
   21TH FLOOR - 30TH FLOOR: f'c = 7000 psi
   31ST FLOOR - ROOF: f'c = 6000 psi
6. ALL CROSSTIES (⟷) MAY HAVE 35°/90° HOOKS (⊐) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
9. T.O. BEAM TO MATCH T.O. FLOOR SLAB U.N.O.
10. CONTRACTOR TO LOCATE/VERIFY ALL OPENINGS IN SHEAR WALLS FROM ARCHITECTURAL AND MEP DRAWINGS.
11. SEE S-424, S-425, S-427 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

Damian Titus
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Under Directive 2 of 1975
Date: August 30, 2012 - 10:20 AM
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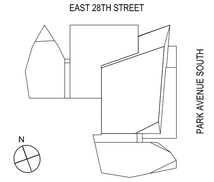
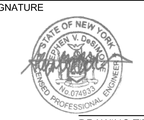
0.	03.08.2012	FOUNDATION BID ISSUE
1.	03.21.2012	FOUNDATION PERMIT
2.	04.20.2012	SUPERSTRUCTURE BID ISSUE
3.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	3/8"=1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE



DRAWING TITLE:

SHEAR WALL PLANS

DRAWING NO:

S-420.00

NYC DOB NO: 121181808 | 65 of 81

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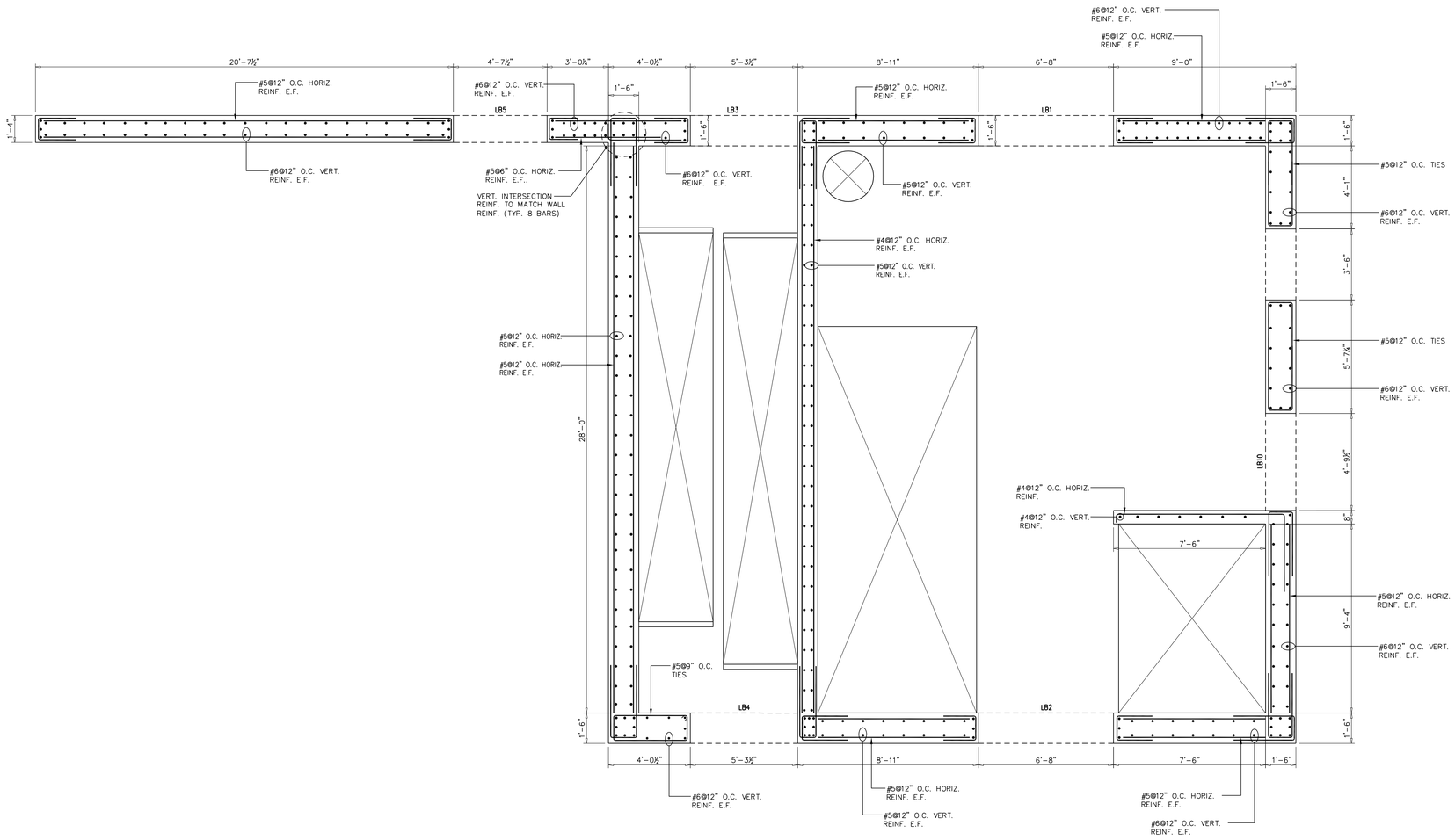

1 SHEAR WALL SW-1 PLAN SUPPORTING 40TH FLOOR

SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
4. SEE 500 SERIES DRAWINGS FOR TYPICAL CONCRETE DETAILS.
5. ALL SHEAR WALLS SHALL BE NORMAL WT. CONCRETE WITH THE FOLLOWING COMPRESSIVE STRENGTHS:
   CELLAR - 10TH FLOOR: f'c = 10000 psi
   11TH FLOOR - 20TH FLOOR: f'c = 8000 psi
   21TH FLOOR - 30TH FLOOR: f'c = 6000 psi
   31ST FLOOR - ROOF: f'c = 6000 psi
6. ALL CROSSTIES (⟷) MAY HAVE 135°/90° HOOKS (⌐⟷⌐) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
9. T.O. BEAM TO MATCH T.O. FLOOR SLAB U.N.O.
10. CONTRACTOR TO LOCATE/VERIFY ALL OPENINGS (MECHANICAL, ETC.) IN SHEAR WALLS FROM ARCHITECTURAL AND MEP DRAWINGS.
11. SEE S-424, S-425, S-427 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

Damian Titus
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Under Directive 2 of 1975
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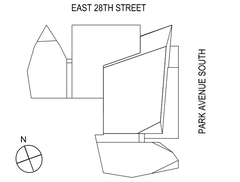
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	3/8"=1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:

SHEAR WALL PLANS

DRAWING NO:

S-421.00

NYC DOB NO: 121181808 | 66 of 81

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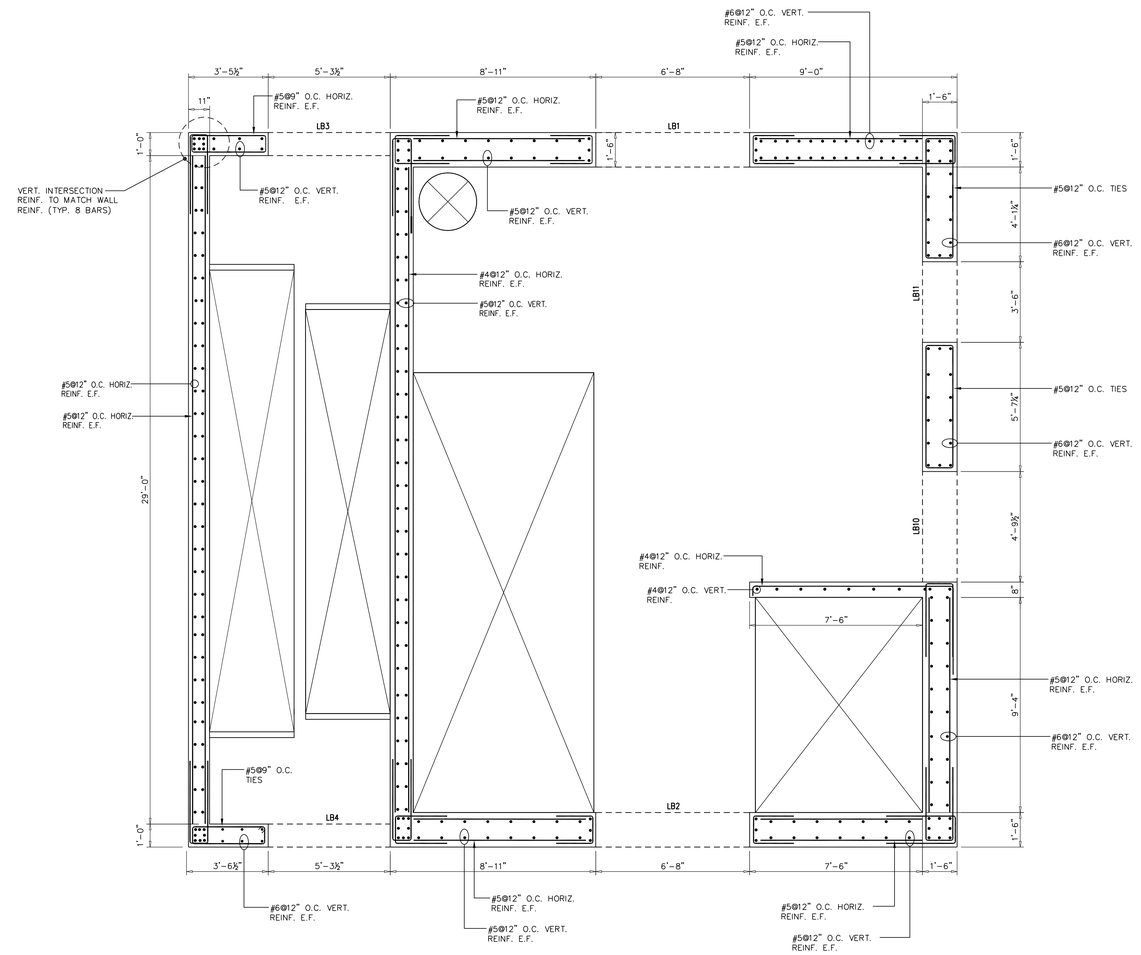
ES306574649 Scan Code



1 **SHEAR WALL SW-1 PLAN SUPPORTING ROOF**
SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
4. SEE 500 SERIES DRAWINGS FOR TYPICAL CONCRETE DETAILS.
5. ALL SHEAR WALLS SHALL BE NORMAL WT. CONCRETE WITH THE FOLLOWING COMPRESSIVE STRENGTHS:
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   11TH FLOOR – 20TH FLOOR: f'c = 8000 psi
   21TH FLOOR – 30TH FLOOR: f'c = 7000 psi
   31ST FLOOR – ROOF: f'c = 6000 psi
6. ALL CROSSTIES (⟜) MAY HAVE 135°/90° HOOKS (⌐) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
9. T.O. BEAM TO MATCH T.O. FLOOR SLAB U.N.O.
10. CONTRACTOR TO LOCATE/VERIFY ALL OPENINGS IN SHEAR WALLS FROM ARCHITECTURAL AND MEP DRAWINGS.
11. SEE S-424, S-425, S-427 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

Damian Titus
APPROVED
Under Directive 2 of 1975
Date: January 30, 2012 10:20 AM
NYC Development Hub

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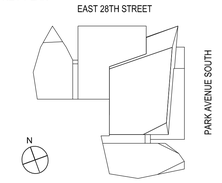
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	3/8"=1'-0"
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:

SHEAR WALL PLANS

DRAWING NO:

S-422.00

NYC DOB NO: 121181808 | 67 of 81

5620-067-S-422.dwg

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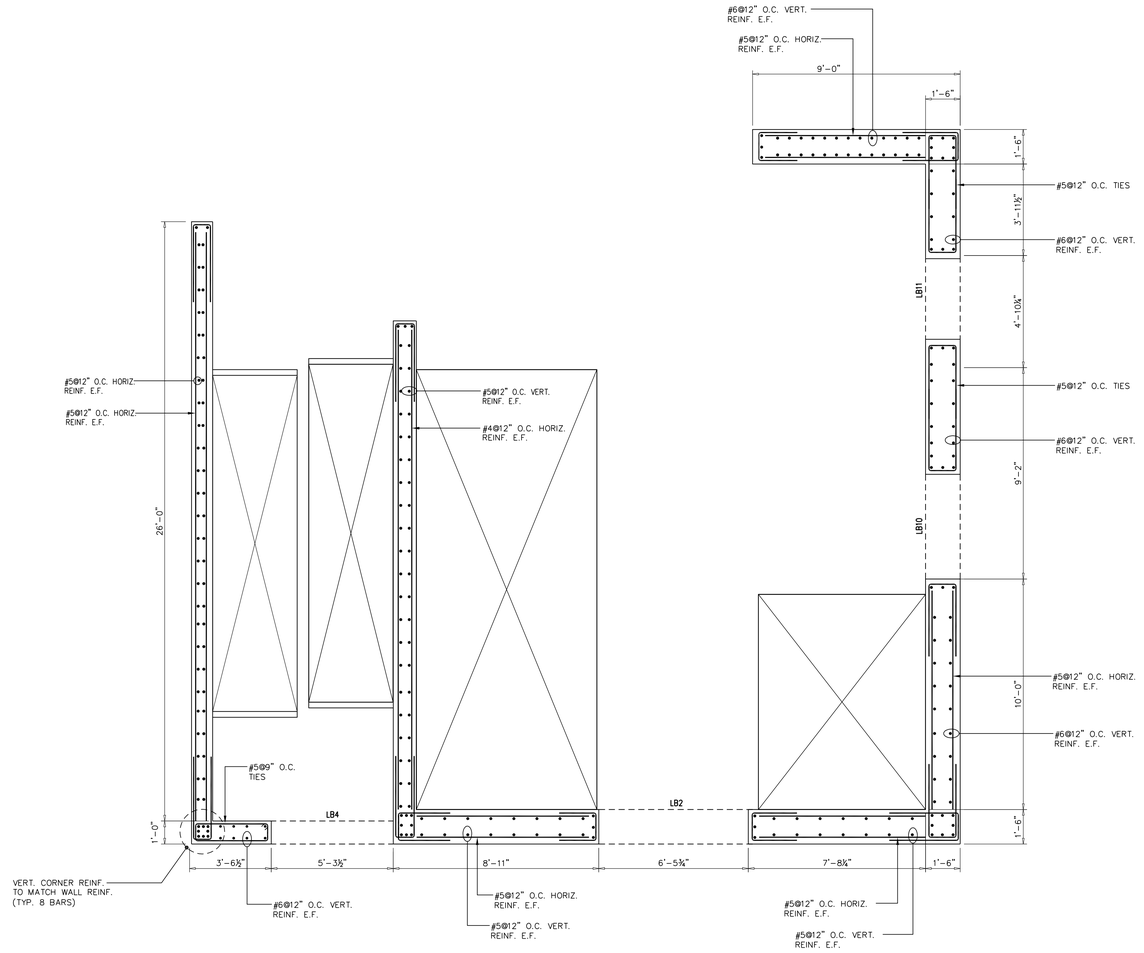
DEPT OF BLDGS121181808 Job Number
ES005350429 Scan Code



1 SHEAR WALL SW-1 PLAN SUPPORTING 42ND TO 43RD FLOORS

SCALE: 3/8"=1'-0"

DRAWING NOTES:

1. SEE DRAWING S-001 FOR GENERAL NOTES AND DRAWING INDEX.
2. SEE S-401 AND S-402 FOR COLUMN SCHEDULE.
4. SEE 500 SERIES DRAWINGS FOR TYPICAL CONCRETE DETAILS.
5. ALL SHEAR WALLS SHALL BE NORMAL WT. CONCRETE WITH THE FOLLOWING COMPRESSIVE STRENGTHS:
   CELLAR - 10TH FLOOR: f'c = 10000 psi
   11TH FLOOR - 20TH FLOOR: f'c = 8000 psi
   21TH FLOOR - 30TH FLOOR: f'c = 7000 psi
   31ST FLOOR - ROOF: f'c = 6000 psi
6. ALL CROSSTIES (⟷) MAY HAVE 135°/90° HOOKS (⊐) PROVIDED POSITION OF 90° HOOKS IS ALTERNATED.
7. U-BARS AT END OF WALLS SHALL BE SPLICED 1.3 LD WITH HORIZONTAL REINFORCEMENT.
8. SEE PLAN FOR SLAB ELEVATION AND DETAILS.
9. T.O. BEAM TO MATCH T.O. FLOOR SLAB U.N.O.
10. CONTRACTOR TO LOCATE/VERIFY ALL OPENINGS IN SHEAR WALLS FROM ARCHITECTURAL AND MEP DRAWINGS.
11. SEE S-424, S-425, S-427 FOR TYPICAL SHEAR WALL DETAILS AND LINK BEAM SCHEDULE.

Damian Titus
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APPROVED
Under Directive 2 of 1975
Date/Time Approved: 8/30/2012 10:20 AM
NYC Development Hub

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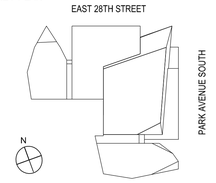

DATE: 01.18.2012
SCALE: 3/8"=1'-0"
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:

SHEAR WALL PLANS

DRAWING NO:

S-423.00

NYC DOB NO: 121181808 | 68 of 81

5620-068-S-423.dwg

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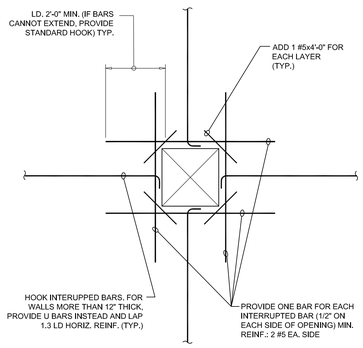
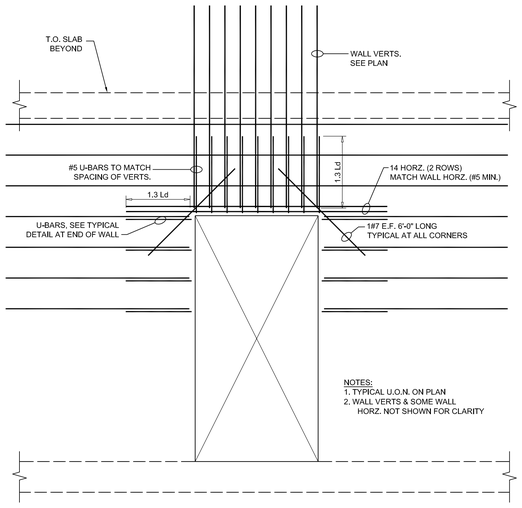


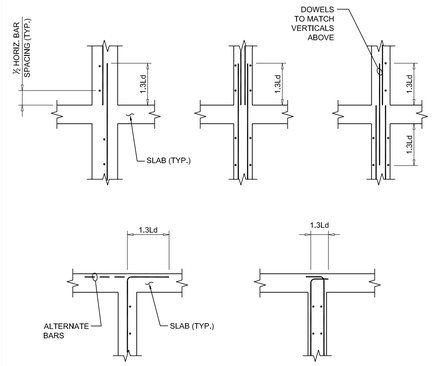
4 TYPICAL REINFORCEMENT DETAIL AT MEP OPENINGS

SCALE: N.T.S.



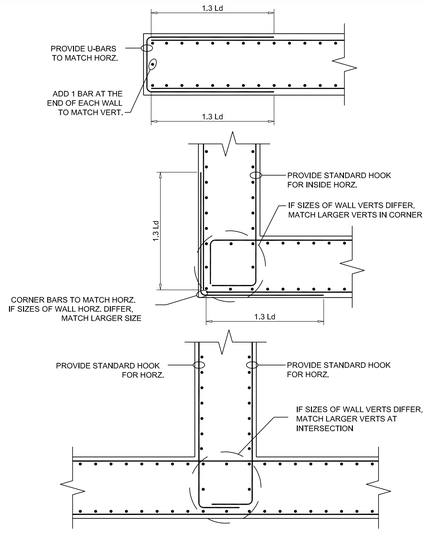
3 TYPICAL REINFORCEMENT DETAIL AT SHEAR WALL OPENING WITH NO OPENING ABOVE

SCALE: N.T.S.



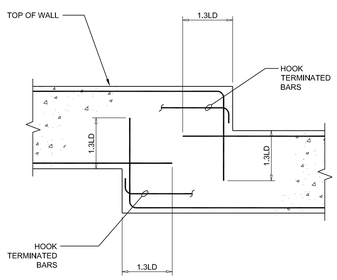
2 TYPICAL WALL-SLAB INTERACTION DETAILS

SCALE: N.T.S.



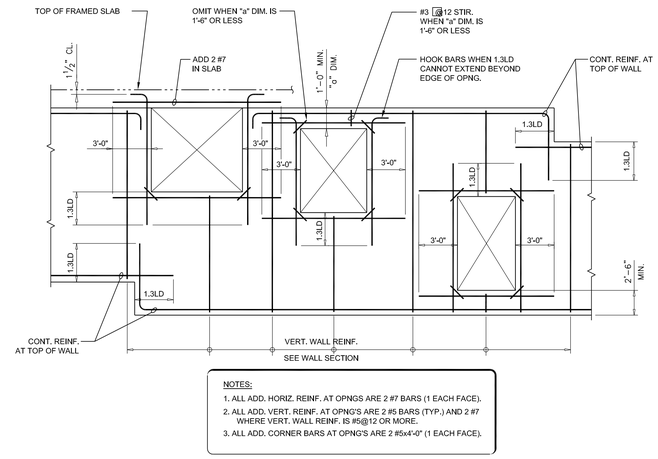
1 TYPICAL SHEAR WALL DETAIL

SCALE: N.T.S.



6 TYPICAL REINFORCEMENT DETAIL AT STEPS IN TOP OR BOTTOM OF WALL

SCALE: N.T.S.



5 TYPICAL DETAIL OF ADDITIONAL REINFORCEMENT AT CONCRETE WALL OPENINGS & OF STEPS IN TOP & BOTTOM OF WALL

SCALE: N.T.S.

Damian Titus
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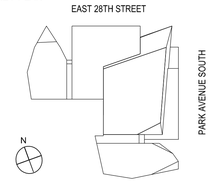

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SHEAR WALL DETAILS

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5620-069-S-424.dwg

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SHEAR WALL LINK BEAM LB-1 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING ROOF	18x52	3#10	3#10	2L-#3@12" O.C.				
SUPPORTING 40TH FLOOR	18x45	3#9	3#9	2L-#3@12" O.C.				
SUPPORTING 39TH FLOOR	18x20	3#6	3#6	2L-#3@8" O.C.				
SUPPORTING 38TH FLOOR	18x20	4#7	4#7	2L-#3@8" O.C.				
SUPPORTING 31ST-37TH FLOOR	18x20	6#7	6#7	2L-#4@5" O.C.				
SUPPORTING 30TH FLOOR	18x53	6#11	6#11	2L-#4@24" O.C.	0.5"x32"	12	3	T&B BARS IN 2 LAYER
SUPPORTING 28TH-29TH FLOOR	18x20	6#7	6#7	2L-#4@5" O.C.				
SUPPORTING 27TH FLOOR	18x53	8#11	8#11	2L-#4@24" O.C.	0.75"x32"	18	3	T&B BARS IN 2 LAYER
SUPPORTING 25TH-26TH FLOOR	18x20	5#10	5#10	2L-#4@4" O.C.				
SUPPORTING 24TH FLOOR	18x20	5#10	5#10	2L-#4@4" O.C.	0.25"x8.5"	4	1	
SUPPORTING 23RD FLOOR	18x44	14#11	14#11	2L-#3@12" O.C.	1.375"x24"	30	3	T&B BARS IN 4 LAYER
SUPPORTING 21ST-22ND FLOOR	18x20	6#10	6#10	2L-#3@8" O.C.	0.75"x8.5"	4	1	
SUPPORTING 20TH FLOOR	18x26	11#10	11#10	2L-#3@11" O.C.	1.75"x9.5"	10	1	T&B BARS IN 2 LAYER
SUPPORTING 11TH-19TH FLOOR	18x20	9#10	9#10	2L-#3@8" O.C.	1.375"x8.5"	6	1	T&B BARS IN 2 LAYER
SUPPORTING 10TH FLOOR	18x20	12#10	12#10	2L-#3@8" O.C.	1.5"x8.5"	8	1	T&B BARS IN 2 LAYER
SUPPORTING 5TH-9TH FLOOR	18x20	9#10	9#10	2L-#3@8" O.C.	1.5"x8.5"	8	1	T&B BARS IN 2 LAYER
SUPPORTING 4TH FLOOR	18x20	6#10	6#10	2L-#3@8" O.C.	0.75"x8.5"	4	1	T&B BARS IN 2 LAYER
SUPPORTING 3RD FLOOR	18x44	8#11	8#11	2L-#3@12" O.C.	1"x24"	24	3	T&B BARS IN 2 LAYER
SUPPORTING 2ND FLOOR	18x61	16#11	16#11	2L-#3@10" O.C.	2"x20"	30	3	T&B BARS IN 4 LAYER
SUPPORTING GROUND FLOOR	18x57	12#11	12#11	2L-#4@12" O.C.	0.5"x32"	18	3	T&B BARS IN 2 LAYER
SUPPORTING CELLAR FLOOR	18x35	4#9	4#9	2L-#4@6" O.C.				

SHEAR WALL LINK BEAM LB-2 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING EMR ROOF	18x21	3#8	3#8	2L-#3@12" O.C.				
SUPPORTING EMR	18x49	3#10	3#10	2L-#3@12" O.C.				
SUPPORTING ROOF	18x52	3#10	3#10	2L-#3@12" O.C.				
SUPPORTING 40TH FLOOR	18x45	3#9	3#9	2L-#4@6" O.C.				
SUPPORTING 39TH FLOOR	18x20	4#7	4#7	2L-#3@8" O.C.				
SUPPORTING 37TH-38TH FLOOR	18x20	6#7	6#7	2L-#4@5" O.C.				
SUPPORTING 31ST-36TH FLOOR	18x20	5#10	5#10	2L-#4@6" O.C.				
SUPPORTING 30TH FLOOR	18x53	8#11	8#11	2L-#4@24" O.C.	1"x32"	24	3	T&B BARS IN 2 LAYER
SUPPORTING 28TH-29TH FLOOR	18x20	5#10	5#10	2L-#4@4" O.C.				
SUPPORTING 27TH FLOOR	18x53	12#11	12#11	2L-#4@12" O.C.	1.25"x30"	30	3	T&B BARS IN 3 LAYER
SUPPORTING 26TH FLOOR	18x20	6#10	6#10	2L-#3@8" O.C.	0.75"x8.5"	4	1	T&B BARS IN 2 LAYER
SUPPORTING 24TH-25TH FLOOR	18x20	9#10	9#10	2L-#3@8" O.C.	1.25"x8.5"	6	1	T&B BARS IN 2 LAYER
SUPPORTING 23RD FLOOR	18x44	20#11	20#11	2L-#3@12" O.C.	2.875"x20"	48	3	T&B BARS IN 5 LAYER
SUPPORTING 21ST-22ND FLOOR	18x20	9#10	9#10	2L-#3@8" O.C.	1.375"x8.5"	6	1	T&B BARS IN 2 LAYER
SUPPORTING 20TH FLOOR	18x26	16#10	16#10	2L-#3@10" O.C.	2.875"x9.5"	16	2	T&B BARS IN 3 LAYER
SUPPORTING 17TH-19TH FLOOR	18x20	12#10	12#10	2L-#3@8" O.C.	1.875"x8.5"	10	1	T&B BARS IN 2 LAYER
SUPPORTING 8TH-16TH FLOOR	18x20	14#10	14#10	2L-#3@7" O.C.	2"x8.5"	10	1	T&B BARS IN 3 LAYER
SUPPORTING 5TH-7TH FLOOR	18x20	12#10	12#10	2L-#3@8" O.C.	1.875"x8.5"	10	1	T&B BARS IN 2 LAYER
SUPPORTING 4TH FLOOR	18x20	9#10	9#10	2L-#3@8" O.C.	1.5"x8.5"	8	1	T&B BARS IN 2 LAYER
SUPPORTING 3RD FLOOR	18x44	18#11	18#11	2L-#3@12" O.C.	2.5"x20"	48	3	T&B BARS IN 4 LAYER
SUPPORTING 2ND FLOOR	18x61	16#11	16#11	2L-#4@12" O.C.	1.875"x36"	56	3	T&B BARS IN 4 LAYER
SUPPORTING GROUND FLOOR	18x57	12#11	12#11	2L-#4@12" O.C.	1.375"x32"	36	3	T&B BARS IN 2 LAYER
SUPPORTING CELLAR FLOOR	18x35	4#9	4#9	2L-#4@6" O.C.				

SHEAR WALL LINK BEAM LB-3 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING ROOF	12x52	3#8	3#8	2L-#3@18" O.C.				
SUPPORTING 40TH FLOOR	18x45	3#9	3#9	2L-#3@12" O.C.				
SUPPORTING 38TH-39TH FLOOR	18x20	3#6	3#6	2L-#3@8" O.C.				
SUPPORTING 36TH-37TH FLOOR	18x20	4#7	4#7	2L-#3@8" O.C.				
SUPPORTING 32ND-35TH FLOOR	18x20	6#7	6#7	2L-#4@5" O.C.				
SUPPORTING 31ST FLOOR	18x20	4#7	4#7	2L-#3@8" O.C.				
SUPPORTING 30TH FLOOR	18x53	3#10	3#10	2L-#4@4" O.C.				
SUPPORTING 29TH FLOOR	18x20	4#7	4#7	2L-#3@8" O.C.				
SUPPORTING 28TH FLOOR	18x20	6#7	6#7	2L-#4@5" O.C.				
SUPPORTING 27TH FLOOR	18x53	6#11	6#11	2L-#4@24" O.C.	0.5"x32"	12	3	T&B BARS IN 2 LAYER
SUPPORTING 25TH-26TH FLOOR	18x20	6#7	6#7	2L-#4@5" O.C.				
SUPPORTING 24TH FLOOR	18x20	5#10	5#10	2L-#4@4" O.C.				
SUPPORTING 23RD FLOOR	18x44	8#11	8#11	2L-#3@12" O.C.	0.875"x24"	18	3	T&B BARS IN 2 LAYER
SUPPORTING 21ST-22ND FLOOR	18x20	5#10	5#10	2L-#4@4" O.C.	0.25"x8.5"	4	1	
SUPPORTING 20TH FLOOR	18x26	10#9	10#9	3L-#4@5" O.C.	1"x9.5"	6	1	T&B BARS IN 2 LAYER
SUPPORTING 19TH FLOOR	18x20	6#10	6#10	2L-#3@8" O.C.	1"x8.5"	6	1	
SUPPORTING 8TH-18TH FLOOR	18x20	9#10	9#10	2L-#3@8" O.C.	1.75"x8.5"	8	1	T&B BARS IN 2 LAYER
SUPPORTING 4TH-7TH FLOOR	18x20	6#10	6#10	2L-#3@8" O.C.	1.25"x8.5"	6	1	
SUPPORTING 3RD FLOOR	18x44	6#10	6#10	2L-#3@12" O.C.	0.75"x24"	12	3	

NOTES:
- REFER TO 6/S-426 AND 1/S-427 FOR PLATE REINFORCEMENT DETAILS
- PROVIDE #5@12"O.C. SIDE BARS ON BOTH SIDES OF THE LINK BEAM WITH DEPTH D > 36"

SHEAR WALL LINK BEAM LB-4 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING EMR	12x49	3#9	3#9	2L-#3@12" O.C.				
SUPPORTING ROOF	12x52	3#9	3#9	2L-#3@12" O.C.				
SUPPORTING 40TH FLOOR	18x45	3#9	3#9	2L-#3@12" O.C.				
SUPPORTING 39TH FLOOR	18x20	3#6	3#6	2L-#3@8" O.C.				
SUPPORTING 38TH FLOOR	18x20	4#7	4#7	2L-#3@8" O.C.				
SUPPORTING 35TH-37TH FLOOR	18x20	6#7	6#7	2L-#4@5" O.C.				
SUPPORTING 31ST-34TH FLOOR	18x20	5#10	5#10	2L-#4@4" O.C.				
SUPPORTING 30TH FLOOR	18x53	6#11	6#11	2L-#4@24" O.C.	0.75"x32"	18	3	T&B BARS IN 2 LAYER
SUPPORTING 28TH-29TH FLOOR	18x20	5#10	5#10	2L-#4@4" O.C.				
SUPPORTING 27TH FLOOR	18x53	8#11	8#11	2L-#4@24" O.C.	0.75"x32"	24	3	T&B BARS IN 2 LAYER
SUPPORTING 25TH-26TH FLOOR	18x20	5#10	5#10	2L-#4@4" O.C.	0.75"x8.5"	6	1	
SUPPORTING 24TH FLOOR	18x20	6#10	6#10	2L-#3@8" O.C.	1.25"x8.5"	6	1	
SUPPORTING 23RD FLOOR	18x44	14#11	14#11	2L-#3@12" O.C.	1.5"x24"	36	3	T&B BARS IN 4 LAYER
SUPPORTING 21ST-22ND FLOOR	18x20	6#10	6#10	2L-#3@8" O.C.	1.25"x8.5"	6	1	T&B BARS IN 2 LAYER
SUPPORTING 20TH FLOOR	18x26	11#10	11#10	2L-#3@11" O.C.	2.375"x9.5"	16	2	T&B BARS IN 2 LAYER
SUPPORTING 16TH-19TH FLOOR	18x20	9#10	9#10	2L-#3@8" O.C.	2"x8.5"	10	1	T&B BARS IN 2 LAYER
SUPPORTING 8TH-15TH FLOOR	18x20	12#10	12#10	2L-#3@8" O.C.	2.375"x8.5"	10	1	T&B BARS IN 2 LAYER
SUPPORTING 4TH-7TH FLOOR	18x20	9#10	9#10	2L-#3@8" O.C.	1.75"x8.5"	8	1	T&B BARS IN 2 LAYER
SUPPORTING 3RD FLOOR	18x44	14#11	14#11	2L-#3@12" O.C.	1.5"x24"	30	3	T&B BARS IN 4 LAYER
SUPPORTING 2ND FLOOR	18x61	8#11	8#11	2L-#3@12" O.C.	1.75"x36"	54	3	T&B BARS IN 2 LAYER
SUPPORTING GROUND FLOOR	18x57	12#11	12#11	2L-#4@12" O.C.	1.25"x32"	36	3	T&B BARS IN 3 LAYER
SUPPORTING CELLAR FLOOR	18x35	4#9	4#9	2L-#4@6" O.C.				

SHEAR WALL LINK BEAM LB-5 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING 40TH FLOOR	16x45	3#9	3#9	2L-#3@12" O.C.				
SUPPORTING 31ST-38TH FLOOR	16x20	3#8	3#8	2L-#4@6" O.C.				
SUPPORTING 30TH FLOOR	16x53	5#9	5#9	3L-#4@5" O.C.				T&B BARS IN 2 LAYER
SUPPORTING 29TH FLOOR	16x20	3#8	3#8	2L-#4@6" O.C.				
SUPPORTING 28TH FLOOR	16x20	5#9	5#9	2L-#4@4" O.C.				
SUPPORTING 27TH FLOOR	16x53	7#9	7#9	2L-#3@12" O.C.	0.5"x32"	12	5	T&B BARS IN 2 LAYER
SUPPORTING 24TH-26TH FLOOR	16x20	5#9	5#9	2L-#4@4" O.C.				
SUPPORTING 23RD FLOOR	16x44	6#10	6#10	2L-#3@12" O.C.	1"x24"	18	3	T&B BARS IN 2 LAYER
SUPPORTING 21ST FLOOR	16x20	5#10	5#10	2L-#3@8" O.C.	0.75"x8.5"	4	1	
SUPPORTING 20TH FLOOR	16x26	9#10	9#10	2L-#4@11" O.C.	1.75"x9.5"	12	2	T&B BARS IN 2 LAYER
SUPPORTING 18TH-19TH FLOOR	16x20	8#10	8#10	2L-#3@8" O.C.	1.375"x8.5"	6	1	T&B BARS IN 2 LAYER
SUPPORTING 10TH-17TH FLOOR	16x20	10#10	10#10	2L-#3@8" O.C.	1.75"x8.5"	8	1	T&B BARS IN 2 LAYER
SUPPORTING 8TH FLOOR	16x20	8#10	8#10	2L-#3@8" O.C.	1"x8.5"	6	1	T&B BARS IN 2 LAYER
SUPPORTING 6TH FLOOR	16x20	8#10	8#10	2L-#3@8" O.C.	1"x8.5"	6	1	T&B BARS IN 2 LAYER
SUPPORTING 4TH-5TH FLOOR	16x20	5#10	5#10	2L-#3@8" O.C.	1"x8.5"	4	1	
SUPPORTING 3RD FLOOR	16x44	6#10	6#10	2L-#3@12" O.C.	0.75"x24"	12	2	T&B BARS IN 2 LAYER
SUPPORTING 2ND FLOOR	16x61	5#11	5#11	2L-#3@12" O.C.	1.25"x36"	36	3	T&B BARS IN 2 LAYER
SUPPORTING GROUND FLOOR	16x57	14#10	14#10	2L-#4@12" O.C.	2"x32"	54	3	T&B BARS IN 4 LAYER
SUPPORTING CELLAR FLOOR	16x35	3#8	3#8	2L-#3@12" O.C.				

SHEAR WALL LINK BEAM LB-6 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING 20TH FLOOR	24x26	24#10	24#10	2L-#4@9" O.C.	4.25"x9.5"	24	2	T&B BARS IN 3 LAYER
SUPPORTING 19TH FLOOR	24x20	14#11	14#11	2L-#3@8" O.C.	3.375"x8.5"	16	1	T&B BARS IN 2 LAYER
SUPPORTING 14TH-18TH FLOOR	24x20	16#10	16#10	2L-#3@8" O.C.	2.75"x8.5"	14	1	T&B BARS IN 2 LAYER
SUPPORTING 8TH-13TH FLOOR	24x20	12#10	12#10	2L-#3@8" O.C.	2.125"x8.5"	10	1	T&B BARS IN 2 LAYER
SUPPORTING 6TH-7TH FLOOR	24x20	8#10	8#10	2L-#3@8" O.C.	1.5"x8.5"	8	1	
SUPPORTING 5TH FLOOR	24x20	9#9	9#9	2L-#3@8" O.C.	1"x8.5"	6	1	
SUPPORTING 4TH FLOOR	24x20	9#8	9#8	4L-#4@4" O.C.				
SUPPORTING 3RD FLOOR	24x44	8#11	8#11	4L-#5@4" O.C.	0.8"x24"	18	3	T&B BARS IN 2 LAYER
SUPPORTING CELLAR FLOOR	24x35	4#9	4#9	2L-#4@12" O.C.				

SHEAR WALL LINK BEAM LB-7 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING 20TH FLOOR	14x26	12#11	12#11	2L-#3@9" O.C.	5"x8"	24	3	T&B BARS IN 3 LAYER
SUPPORTING 19TH FLOOR	14x20	10#11	10#11	2L-#3@7" O.C.	4"x7.5"	14	1	T&B BARS IN 3 LAYER
SUPPORTING 15TH-18TH FLOOR	14x20	10#11	10#11	2L-#3@7" O.C.	3.375"x7.5"	12	1	T&B BARS IN 3 LAYER
SUPPORTING 9TH-14TH FLOOR	14x20	8#11	8#11	2L-#3@8" O.C.	2.75"x7.5"	10	1	T&B BARS IN 2 LAYER
SUPPORTING 7TH-8TH FLOOR	14x20	10#9	10#9	2L-#3@8" O.C.	1.75"x8.5"	8	1	T&B BARS IN 2 LAYER
SUPPORTING 5TH-6TH FLOOR	14x20	7#10	7#10	2L-#3@8" O.C.	1.375"x8.5"	6	1	T&B BARS IN 2 LAYER
SUPPORTING 4TH FLOOR	14x20	4#10	4#10	2L-#3@8" O.C.	0.8"x8.5"	4	1	
SUPPORTING 3RD FLOOR	14x44	6#11	6#11	2L-#3@12" O.C.	1"x24"	24	3	T&B BARS IN 2 LAYER

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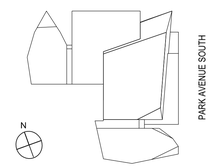
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: N.T.S.
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
SHEAR WALL
LINK BEAM SCHEDULES

DRAWING NO:
S-425.00

NYC DOB NO: 121181808 | 70 of 81

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DEPT OF BLDGS 121181808 Job Number
ES360700586 Scan Code

SHEAR WALL LINK BEAM LB-8 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING 20TH FLOOR	14x26	12#11	12#11	2L-#3@9" O.C.	1.875"x8"	8	1	T&B BARS IN 3 LAYER
SUPPORTING 14TH-19TH FLOOR	14x20	8#9	8#9	2L-#3@8" O.C.	1"x8.5"	4	1	T&B BARS IN 2 LAYER
SUPPORTING 7TH-13TH FLOOR	14x20	4#10	4#10	2L-#3@8" O.C.	0.5"x8.5"	4	1	
SUPPORTING 4TH-6TH FLOOR	14x20	5#8	5#8	2L-#4@6" O.C.				
SUPPORTING 3RD FLOOR	14x44	5#10	5#10	2L-#3@12" O.C.	0.375"x24"	8	2	T&B BARS IN 2 LAYER

SHEAR WALL LINK BEAM LB-9 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING 4TH-6TH FLOOR	16x20	5#9	5#9	2L-#4@4" O.C.				

SHEAR WALL LINK BEAM LB-10 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING EMR ROOF	18x21	3#8	3#8	2L-#3@12" O.C.				
SUPPORTING EMR	18x49	3#9	3#9	2L-#3@12" O.C.				
SUPPORTING ROOF	18x52	3#10	3#10	2L-#3@12" O.C.				
SUPPORTING 40TH FLOOR	18x45	3#9	3#9	2L-#3@12" O.C.				
SUPPORTING 37TH-39TH FLOOR	18x20	4#7	4#7	2L-#3@8" O.C.				
SUPPORTING 29TH-36TH FLOOR	18x20	6#7	6#7	2L-#4@5" O.C.				
SUPPORTING 28TH FLOOR	18x20	4#7	4#7	2L-#3@8" O.C.				

SHEAR WALL LINK BEAM LB-11 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING EMR ROOF	18x21	3#8	3#8	2L-#3@12" O.C.				
SUPPORTING EMR	18x49	3#9	3#9	2L-#3@12" O.C.				
SUPPORTING ROOF	18x52	3#10	3#10	2L-#3@12" O.C.				
SUPPORTING 40TH FLOOR	18x45	3#9	3#9	2L-#3@12" O.C.				

SHEAR WALL LINK BEAM LB-12 SCHEDULE

LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING GROUND FLOOR	14x35	3#10	3#10	2L-#4@4" O.C.				

SHEAR WALL LINK BEAM LB-13 SCHEDULE

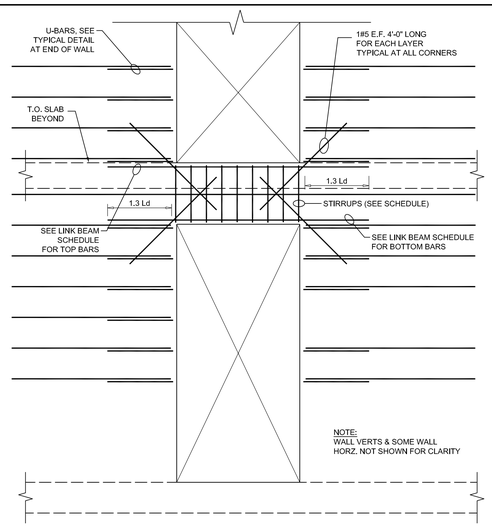
LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING 24TH-25TH FLOOR	14x20	3#9	3#9	2L-#3@12" O.C.				

SHEAR WALL LINK BEAM LB-14 SCHEDULE

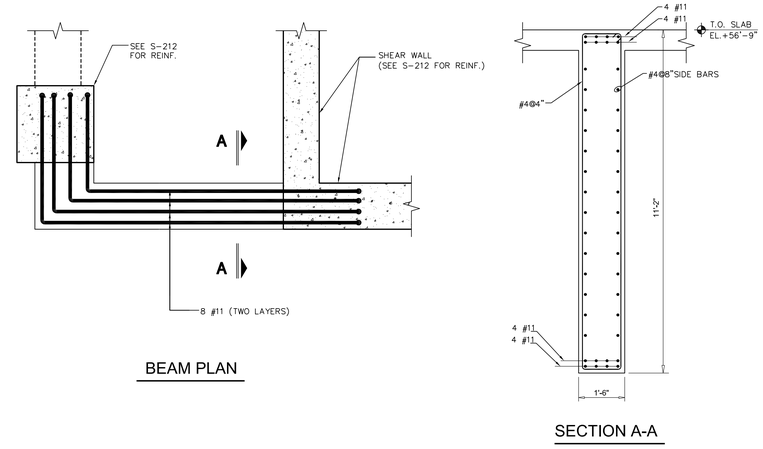
LOCATION	SIZE (w x D)	BOTTOM BARS	TOP BARS	STIRRUPS	PLATE SIZE (TXH)	# OF STUDS WITHIN EMBEDMENT AT EACH END	# OF ROWS	REMARK
SUPPORTING 24TH-25TH FLOOR	14x20	3#9	3#9	2L-#3@12" O.C.				

NOTES:
- REFER TO 6/S-426 AND 1/S-427 FOR PLATE REINFORCEMENT DETAILS
- PROVIDE #5@12"O.C. SIDE BARS ON BOTH SIDES OF THE LINK BEAM WITH DEPTH D > 36"

2 LINK BEAM SCHEDULE
SCALE: 1/2"=1'-0"



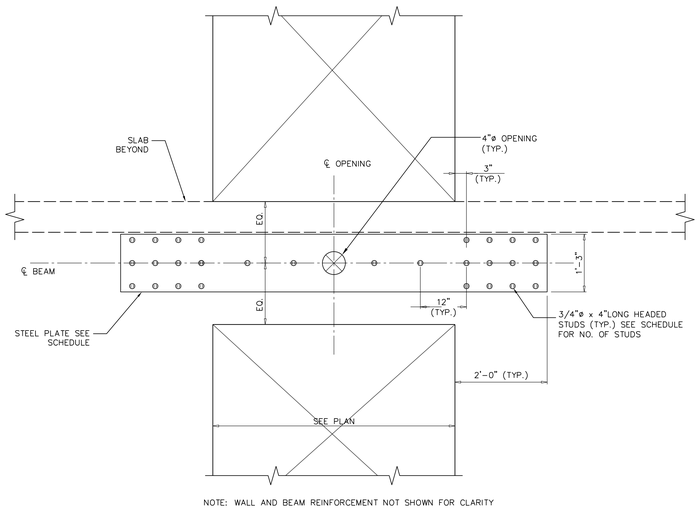
1 TYPICAL LINK BEAM DETAIL
SCALE: 1/2"=1'-0"



BEAM PLAN

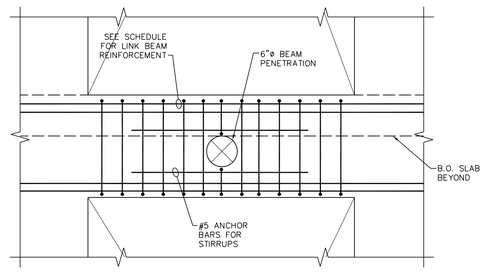
SECTION A-A

4 DETAILS OF LINK BEAM (LB4) SUPPORTING SECOND FLOOR
SCALE: 1/2"=1'-0"

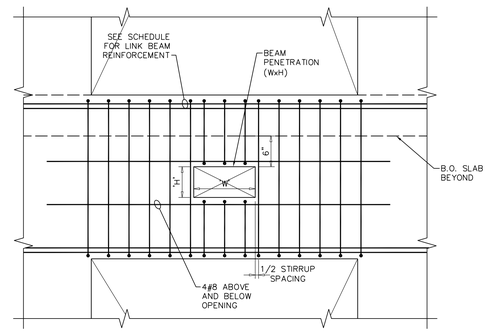


NOTE: WALL AND BEAM REINFORCEMENT NOT SHOWN FOR CLARITY

6 TYPICAL LINK BEAM PENETRATION AT EMBED PLATE
SCALE: 3/4"=1'-0"



BEAM PENETRATION DETAIL
(SUPPORTING TYPICAL FLOORS)



BEAM PENETRATION DETAIL
(SUPPORTING FLOORS: 2ND, 9TH, 21ST, 29TH, 30TH & 39TH)

NOTE:
SEE DETAIL 2 FOR TYPICAL LINK BEAM REINFORCEMENT NOT SHOWN FOR CLARITY

5 LINK BEAM PENETRATION DETAILS
SCALE: 1"=1'-0"

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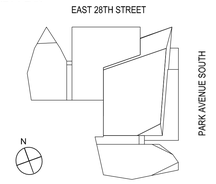
KEY PLAN



DATE: 01.18.2012
SCALE: N.T.S.
PROJECT NO: 5620

SEAL & SIGNATURE

DRAWING TITLE:
LINK BEAM SCHEDULES AND DETAILS

DRAWING NO:
S-426.00

NYC DOB NO: 121181808 | 71 of 81

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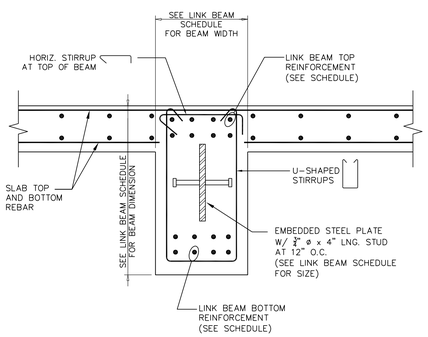
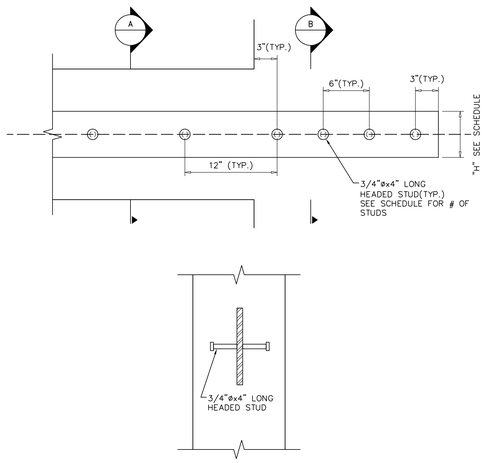
DEPT OF BLDGS 121181808 Job Number
ES9280022057 Scan Code

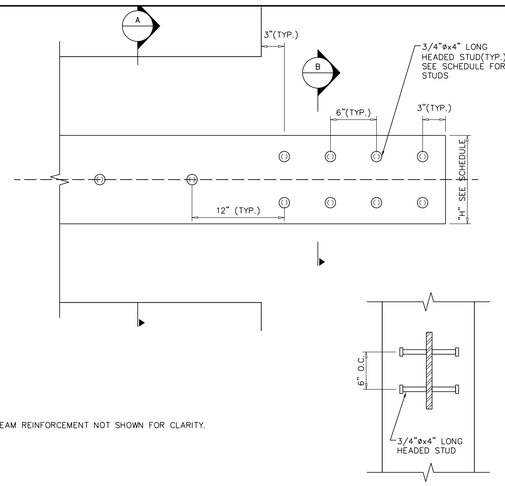


SECTION A



SECTION B

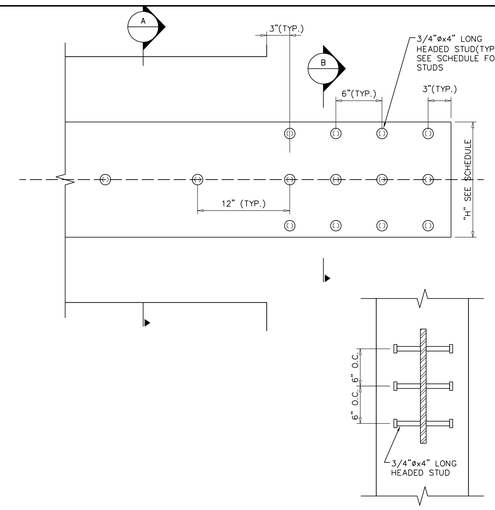
TYPICAL STEEL PLATE EMBEDMENT INTO SHEAR WALL (SINGLE ROW)



NOTE: BEAM REINFORCEMENT NOT SHOWN FOR CLARITY.

SECTION B

TYPICAL STEEL PLATE EMBEDMENT INTO SHEAR WALL (TWO ROWS)

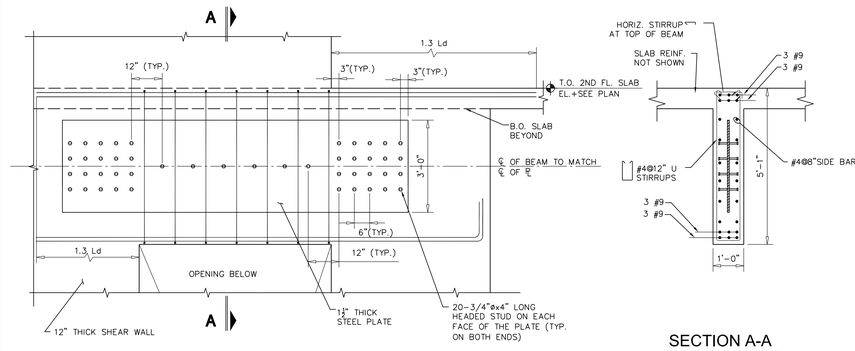


SECTION B

TYPICAL STEEL PLATE EMBEDMENT INTO SHEAR WALL (THREE ROWS)

1 PLATE REINFORCEMENT DETAIL

SCALE: 1 1/2"=1'-0"



SECTION A-A

6 PLATE REINFORCEMENT DETAIL BELOW 2ND FLOOR AT 1'-0" THICK SHEAR WALL

SCALE: 1/2"=1'-0"

Damian Titus

NYC Buildings

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Under Directive 2 of 1975

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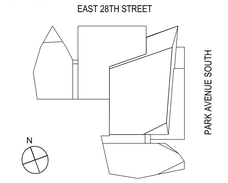

DATE:	01.18.2012
SCALE:	N.T.S.
PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK STEVEN V. DESALVO LICENSED PROFESSIONAL ENGINEER No.074033

DRAWING TITLE:

LINK BEAM DETAILS

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S-427.00

NYC DOB NO: 121181808 | 72 of 81

5620-072-S-427.dwg

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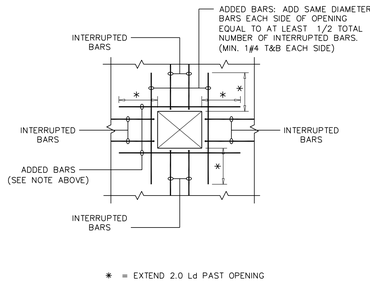
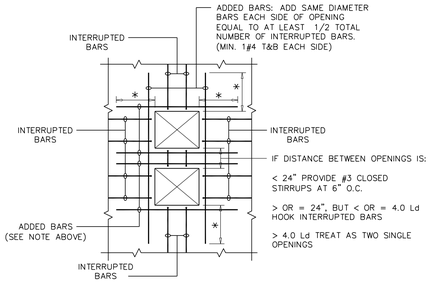
SINGLE OPENING



MULTIPLE OPENINGS

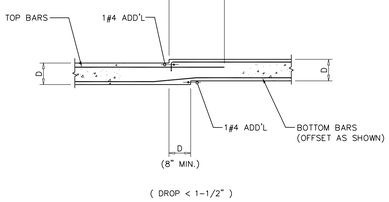


NOTES:

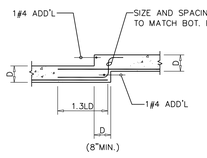
1. HOOK ALL INTERRUPTED BARS.
2. OMIT ADDED BARS IF STANDARD BAR SPACING CAN BE PLACED ON EITHER SIDE OF THE OPENING
3. WHERE OPENINGS ARE NEAR OR AGAINST EXTERIOR BEAMS OR COLUMNS AND ADDED REINFORCEMENT CANNOT BE EXTENDED 2.0 Ld, HOOK ADDED BARS.

2 TYPICAL DETAIL OF REINFORCEMENT AT OPENING IN SLAB

TYPICAL UNLESS SHOWN OTHERWISE ON PLANS

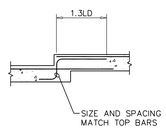


(DROP < 1-1/2")



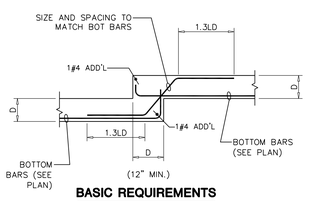
BASIC REQUIREMENTS

($1\frac{1}{2}$" < DROP < D-2")



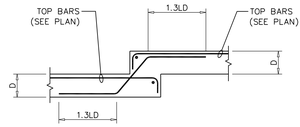
TOP BAR REQUIREMENTS

(IF TOP BARS PRESENT)
($1\frac{1}{2}$" ≤ DROP < D-2")



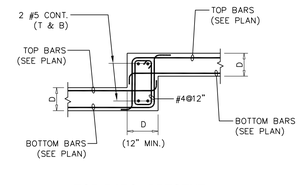
BASIC REQUIREMENTS

(D-2" < DROP < D+2")



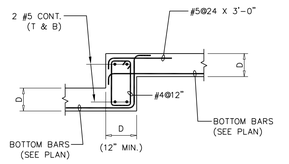
TOP BAR REQUIREMENTS

(IF TOP BARS PRESENT)
(D-2" < DROP < D+2")



TOP BARS PRESENT

(DROP > D+2")

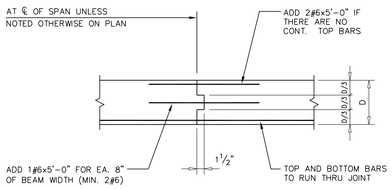


TOP BARS NOT PRESENT

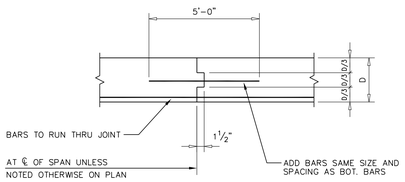
(DROP > D+2")

1 TYPICAL SLAB DROP DETAILS

TYPICAL UNLESS SHOWN OTHERWISE ON PLANS

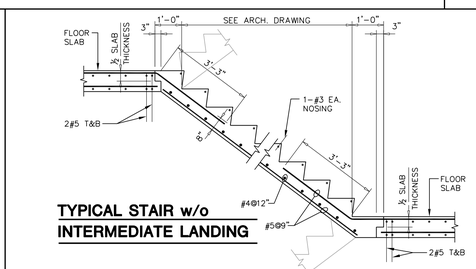


IN BEAM

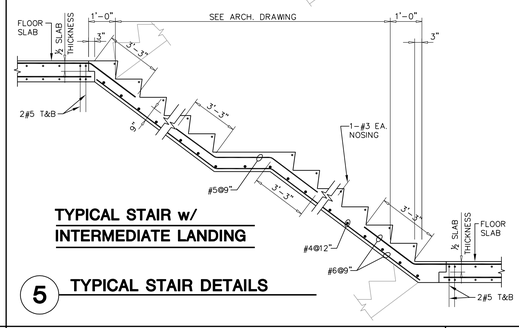


IN FRAMED SLAB

6 TYPICAL CONSTRUCTION JOINT DETAILS

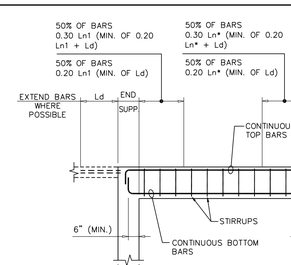


TYPICAL STAIR w/o INTERMEDIATE LANDING



TYPICAL STAIR w/ INTERMEDIATE LANDING

5 TYPICAL STAIR DETAILS

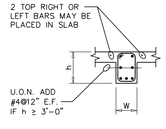


NOTES:

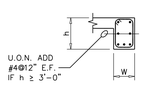
1. Ld = DEVELOPMENT LENGTH – SEE GENERAL NOTES.
2. SEE BEAM SCHEDULE FOR SIZE AND NUMBER OF TOP BARS, BOTTOM BARS AND STIRRUPS.
3. IF STIRRUP SPACING IS LESS THAN 6", PLACE FIRST STIRRUP ½ SPACING FROM FACE OF SUPPORT. IF BEAM IS MORE THAN 6" WIDER THAN COLUMN ON EITHER SIDE, PROVIDE STIRRUPS OVER COLUMN.
4. NOT MORE THAN 50% OF BOTTOM BARS MAY BE TERMINATED 0.125L FROM FACE OF EACH SUPPORT. PROVIDE MINIMUM OF 2 BARS OR 25% CONTINUOUS.
5. LONGITUDINAL BARS MAY ONLY BE PLACED IN MULTIPLE LAYERS IF NOTED IN SCHEDULE. PROVIDE 1" CLEAR BETWEEN LAYERS.
6. ⅓ OF THE GREATER OF THE TOP LEFT OR TOP RIGHT BARS, BUT A MINIMUM OF 2 BARS, MUST BE CONTINUOUS.
7. CONTINUOUS TOP BARS MAY HAVE A CLASS A LAP SPLICE AT MID SPAN OF BEAM. CONTINUOUS BOTTOM BARS MAY HAVE A CLASS A LAP SPLICE AT OR NEAR THE SUPPORT.

4 TYPICAL CONCRETE BEAM DETAIL

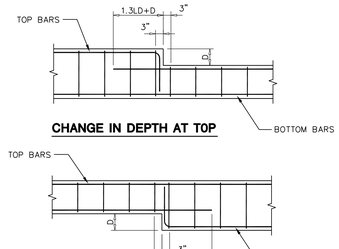
(NOT PART OF A LATERAL FRAME)



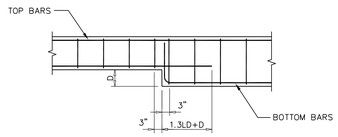
TYPICAL INTERIOR BEAM



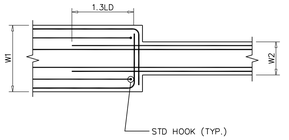
TYPICAL PERIMETER BEAM



CHANGE IN DEPTH AT TOP

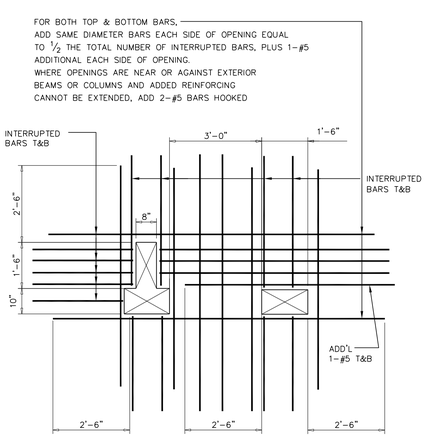


CHANGE OF DEPTH AT BOTTOM

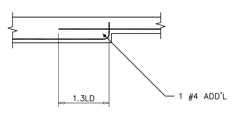


CHANGE IN WIDTH: PLAN AT TOP OR BOTTOM BARS

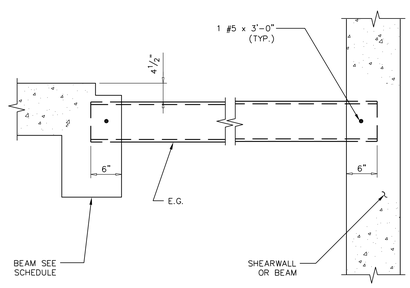
3 TYPICAL DETAIL OF CHANGE IN BEAM SIZE BETWEEN SUPPORTS



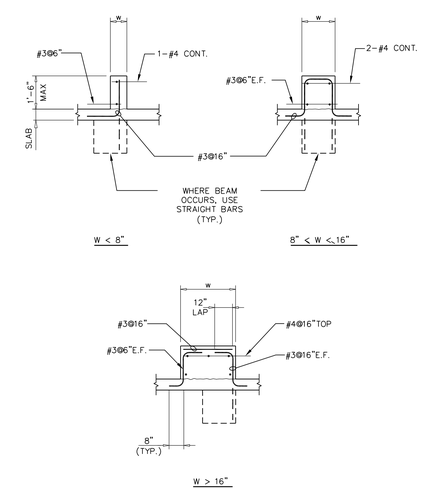
11 TYPICAL DETAIL OF SLAB OPENINGS AT BATHROOM



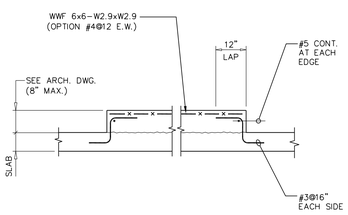
10 TYPICAL DETAIL OF CHANGE IN SLAB THICKNESS



9 TYPICAL ELEVATOR SEPARATOR BEAM DETAIL



8 TYPICAL CONCRETE CURB DETAILS



7 TYPICAL HOUSEKEEPING PAD DETAIL

Damian Titus
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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:20 AM
Approved with Conditions

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LIGHTING
BLISS FASMAN
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INTERIOR DESIGN
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1407 BROADWAY STREET
NEW YORK, NY 10018
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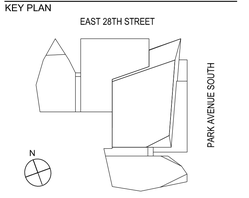
NO.	DATE	ISSUANCE
0.	01.18.2012	MTA SUBMISSION
1.	02.03.2012	FOUNDATION PERMIT
2.	02.17.2012	DESIGN DEVELOPMENT
3.	03.08.2012	FOUNDATION BID ISSUE
4.	03.21.2012	FOUNDATION PERMIT
5.	04.20.2015	SUPERSTRUCTURE BID ISSUE
6.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	AS NOTED
PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK · STEPHEN V. DESIMONE · 065878 · LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
TYPICAL CONCRETE DETAILS

DRAWING NO:
S-501.00

NYC DOB NO: 121181808 | 73 of 81

5620-073-S-501.dwg
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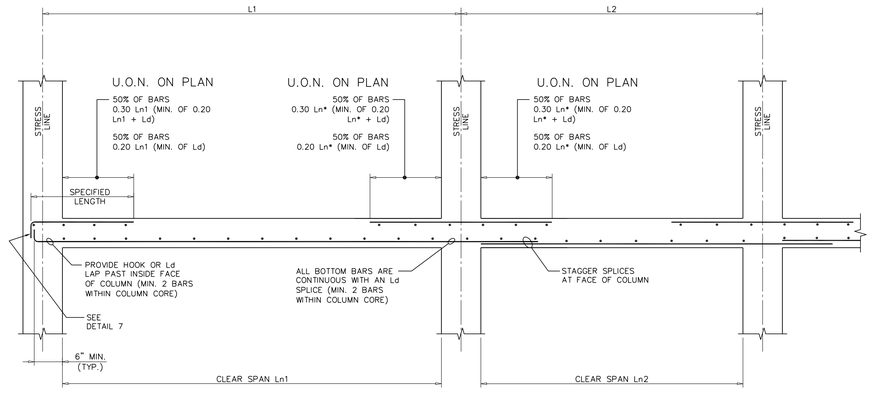
DEPT OF BLDGS 121181808 Job Number
ES0059294994 Sean Coote

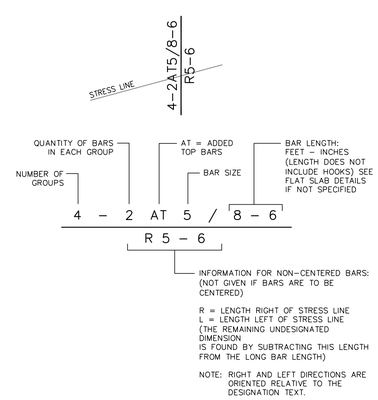


COLUMN STRIP

Ln* = THE GREATER OF Ln1 OR Ln2

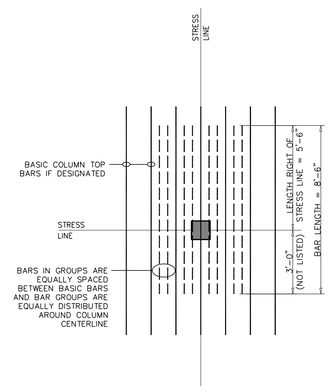
2 TYPICAL CONCRETE FLAT SLAB DETAIL

PLAN DESIGNATION

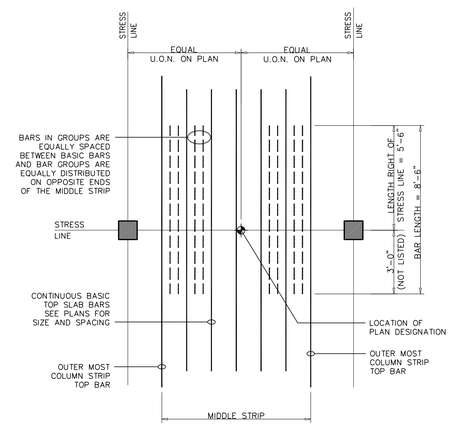


NOTE: IF NUMBER OF ADDED BAR GROUPS IS NOT SPECIFIED, ADDED BARS SHOULD BE EVENLY DISTRIBUTED ACROSS THE ENTIRE COLUMN OR MIDDLE STRIP WIDTH.

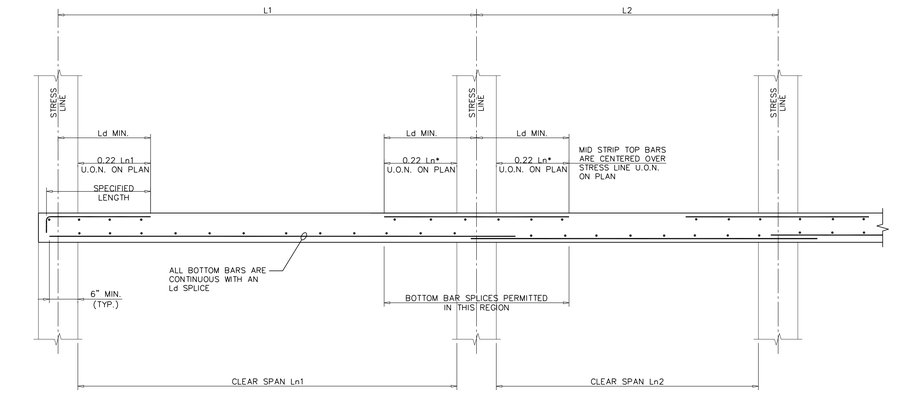
BARS ADDED IN COLUMN STRIP



BARS ADDED IN MIDDLE STRIP



1 ADDED TOP BAR PLACEMENT

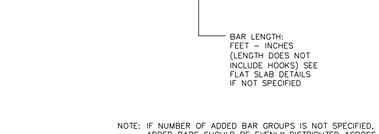


MIDDLE STRIP

Ln* = THE GREATER OF Ln1 OR Ln2

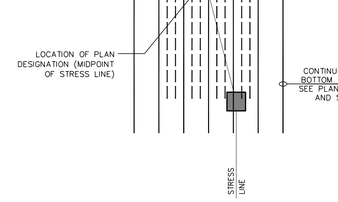
4 TYPICAL CONCRETE FLAT SLAB DETAIL

PLAN DESIGNATION

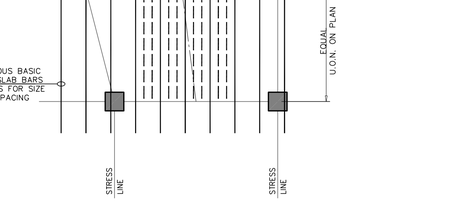


NOTE: IF NUMBER OF ADDED BAR GROUPS IS NOT SPECIFIED, ADDED BARS SHOULD BE EVENLY DISTRIBUTED ACROSS THE ENTIRE COLUMN OR MIDDLE STRIP WIDTH.

BARS ADDED IN COLUMN STRIP

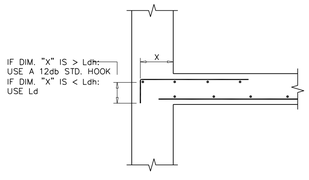


BARS ADDED IN MIDDLE STRIP



3 ADDED BOTTOM BAR PLACEMENT

8 TYPICAL ELEVATOR OPENING EDGE DETAIL

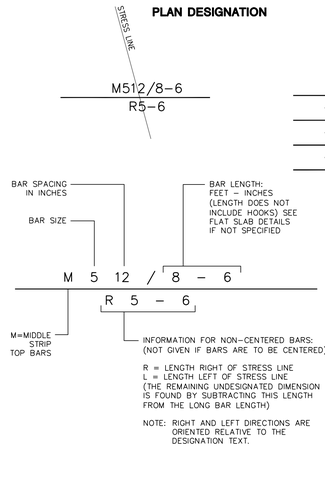


Ldh (IN INCHES)

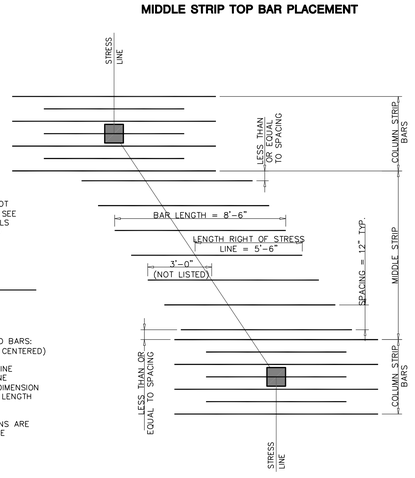
BAR #	f'c		
	4000 psi	5000 psi	6000 psi
3	5	5	5
4	7	6	6
5	9	8	7
6	10	9	9
7	12	11	10
8	14	12	11
9	15	14	13
10	17	16	14
11	19	17	16

7 HOOK LENGTHS FOR CONNECTIONS

PLAN DESIGNATION

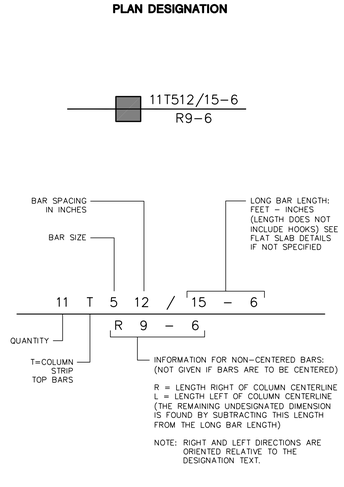


MIDDLE STRIP TOP BAR PLACEMENT

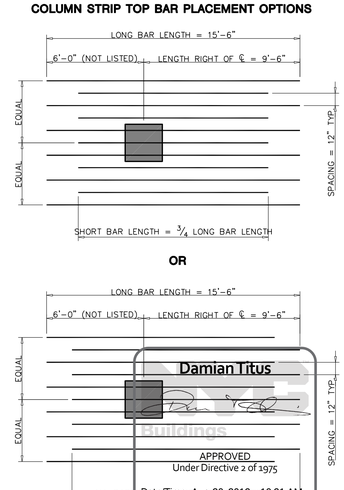


6 MIDDLE STRIP TOP BAR PLACEMENT

PLAN DESIGNATION



COLUMN STRIP TOP BAR PLACEMENT OPTIONS



5 COLUMN STRIP TOP BAR PLACEMENT

Damian Titus
DAMIAN TITUS
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30 2012 10:21 AM
NYC Development Hub

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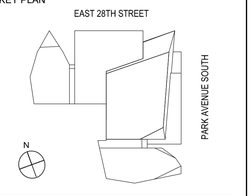
KEY PLAN



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SCALE:	AS NOTED
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:

TYPICAL CONCRETE DETAILS

DRAWING NO:

S-502.00

NYC DOB NO: 121181808 | 74 of 81

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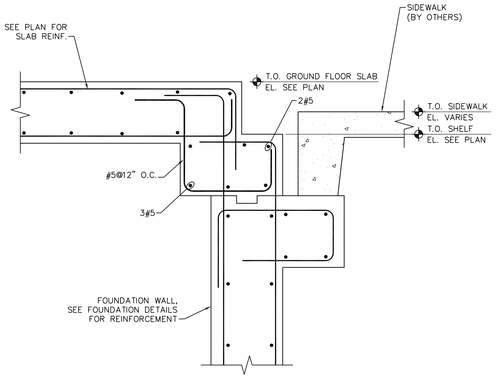
ES152494895 Scan Code



5 SLAB DROP DETAIL AT FOUNDATION WALL
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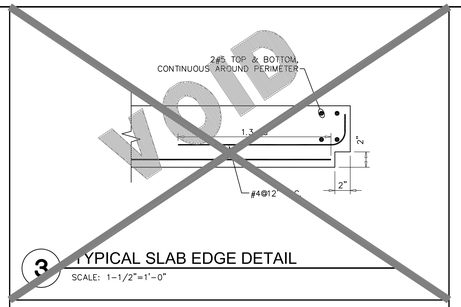
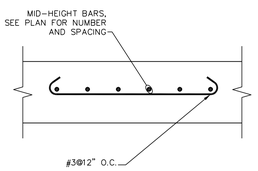


3 TYPICAL SLAB EDGE DETAIL
SCALE: 1-1/2"=1'-0"



NOTE:
TYPICAL SLAB REINFORCEMENT NOT SHOWN FOR CLARITY

4 MID-HEIGHT SLAB REINFORCING DETAIL
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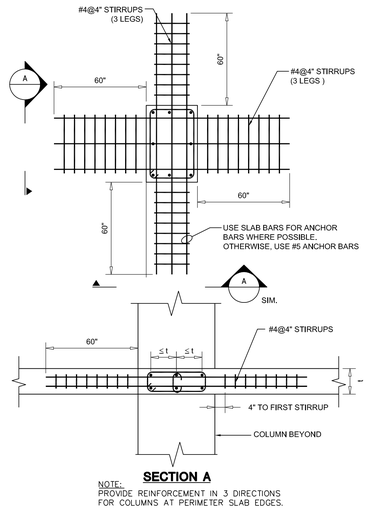
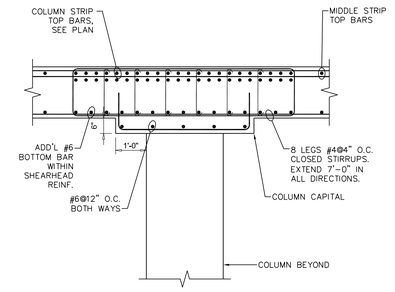


SECTION A

NOTE:
PROVIDE REINFORCEMENT IN 3 DIRECTIONS FOR COLUMNS AT PERIMETER SLAB EDGES.

2 TYPICAL SHEARHEAD DETAIL
SCALE: 1/2"=1'-0"



1 COLUMN CAPITAL REINFORCEMENT DETAIL
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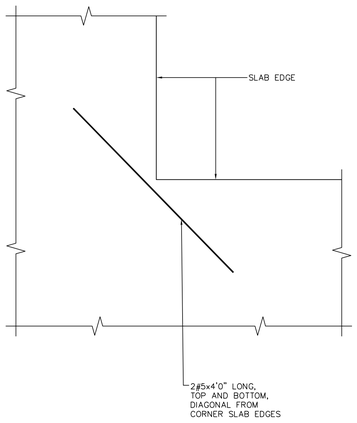

9 TYPICAL ADDITIONAL REINFORCING DETAIL AT ALL REENTRANT CORNERS
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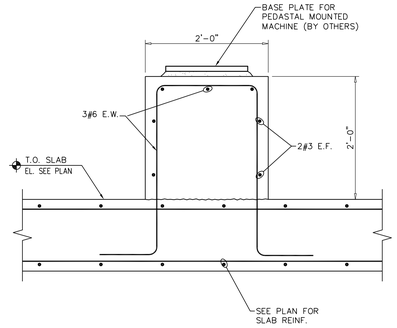

8 TYPICAL PEDESTAL DETAIL
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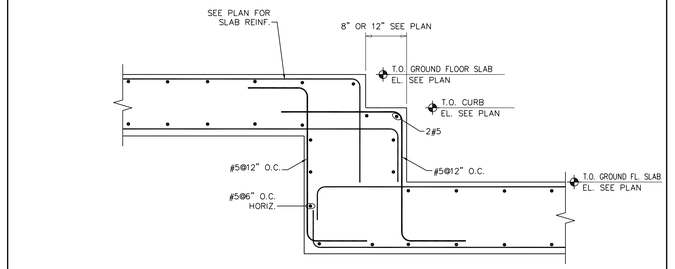

7 SLAB DROP DETAIL AT DEPRESSED SLAB
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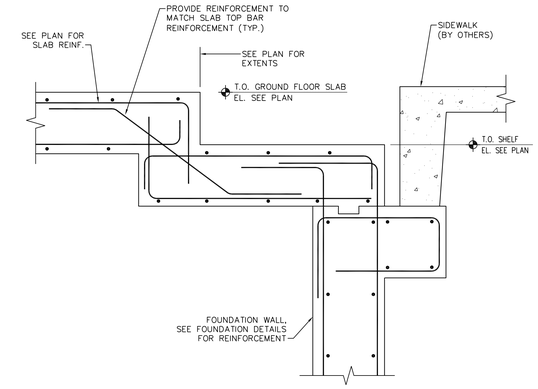
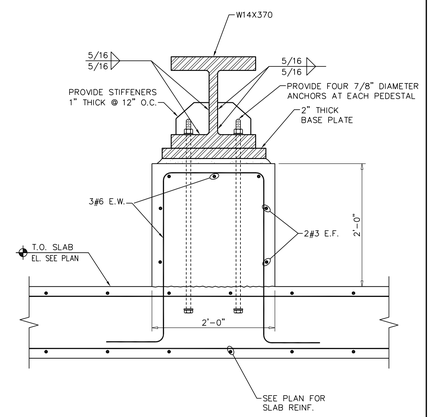


6 SLAB DROP DETAIL AT ENTRANCE
SCALE: 1"=1'-0"



12 PEDESTAL UNDER FACADE MAINTENANCE EQUIPMENT
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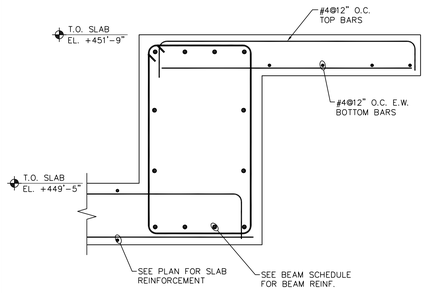
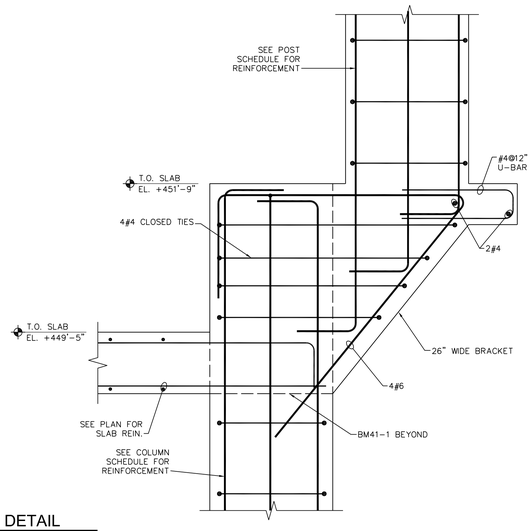
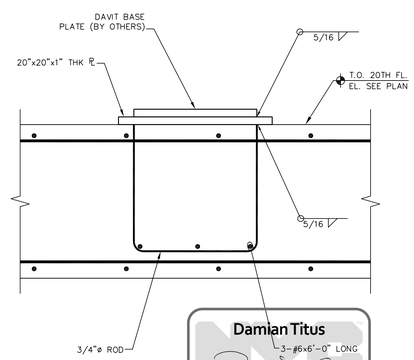


11 BRACKET DETAIL
SCALE: 1"=1'-0"



10 BRACKET DETAIL
SCALE: 1"=1'-0"



10 TYPICAL DAVIT CONNECTION DETAIL
SCALE: 1-1/2"=1'-0"

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:21 AM
NYC Development Hub

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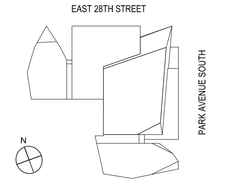

DATE:	01.18.2012
SCALE:	N.T.S.
PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK STEVEN V. DESIMONE 074933 LICENSED PROFESSIONAL ENGINEER

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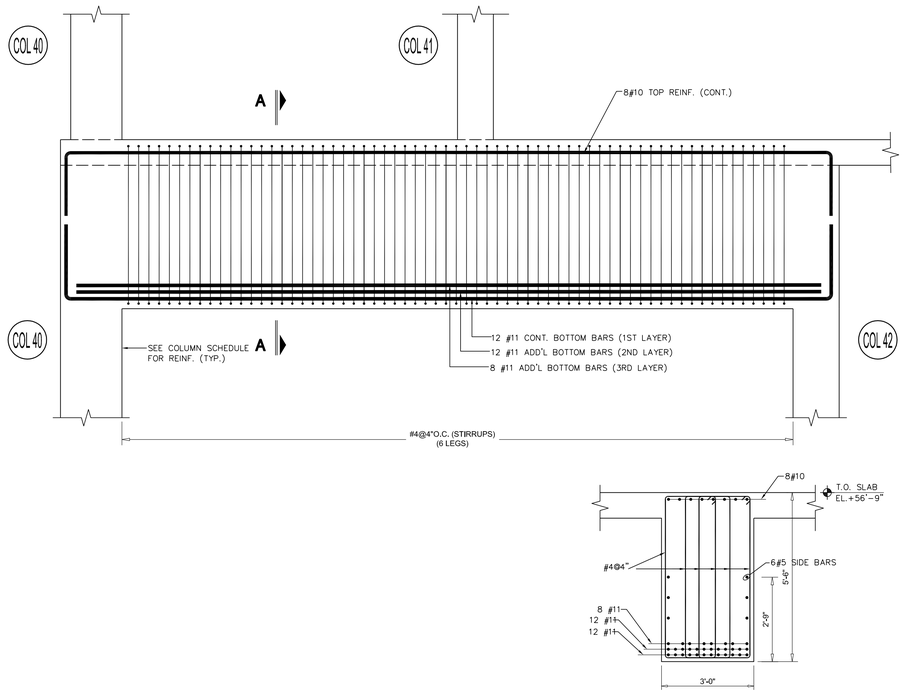
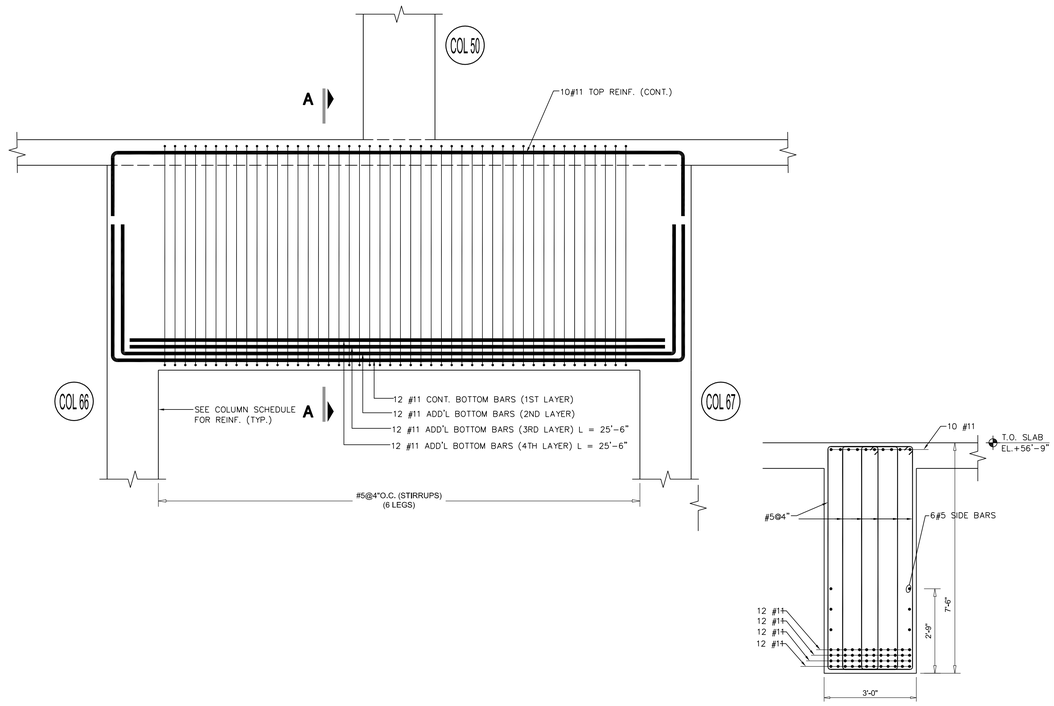


SECTION A-A

2 BM2-2 TRANSFER BEAM DETAILS

SCALE: 1/2"=1'-0"



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1 BM2-1 TRANSFER BEAM DETAILS

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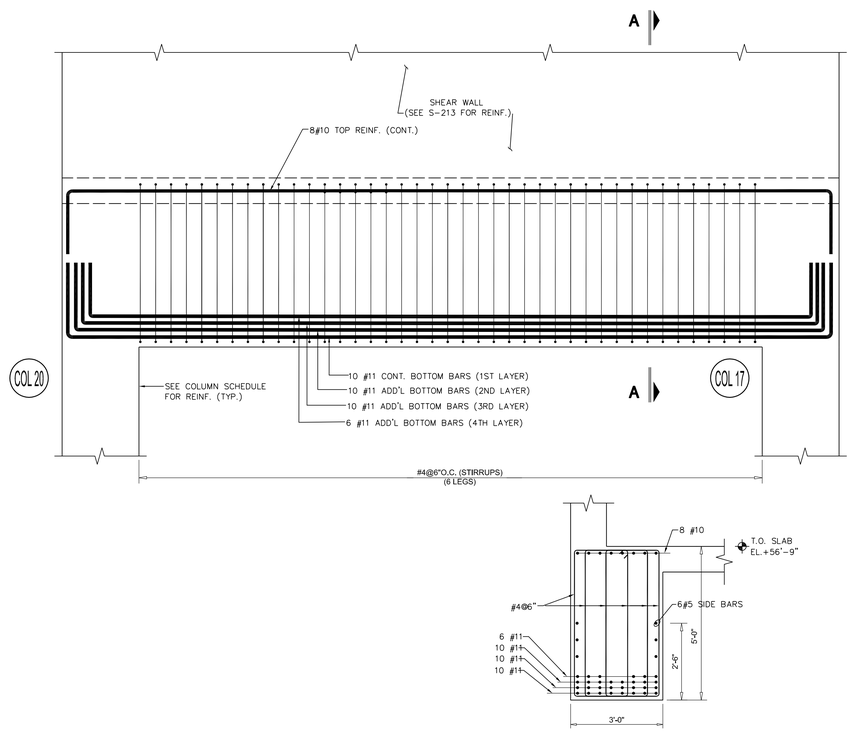

SECTION A-A

4 BM2-4 TRANSFER BEAM DETAILS

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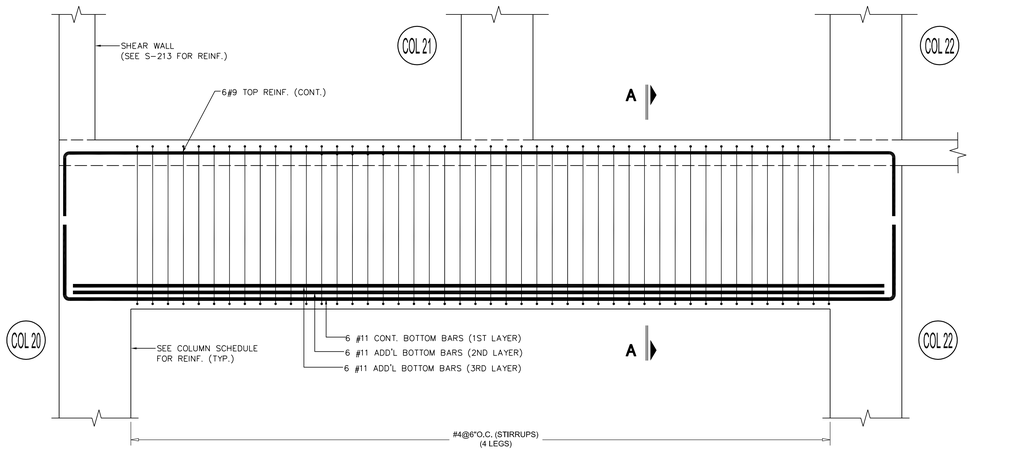

SECTION A-A

Damian Titus
DOB Buildings
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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:21 AM
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2 BM2-3 TRANSFER BEAM DETAILS

SCALE: 1/2"=1'-0"

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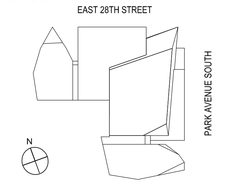

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SCALE:	N.T.S.
PROJECT NO:	5620

SEAL & SIGNATURE

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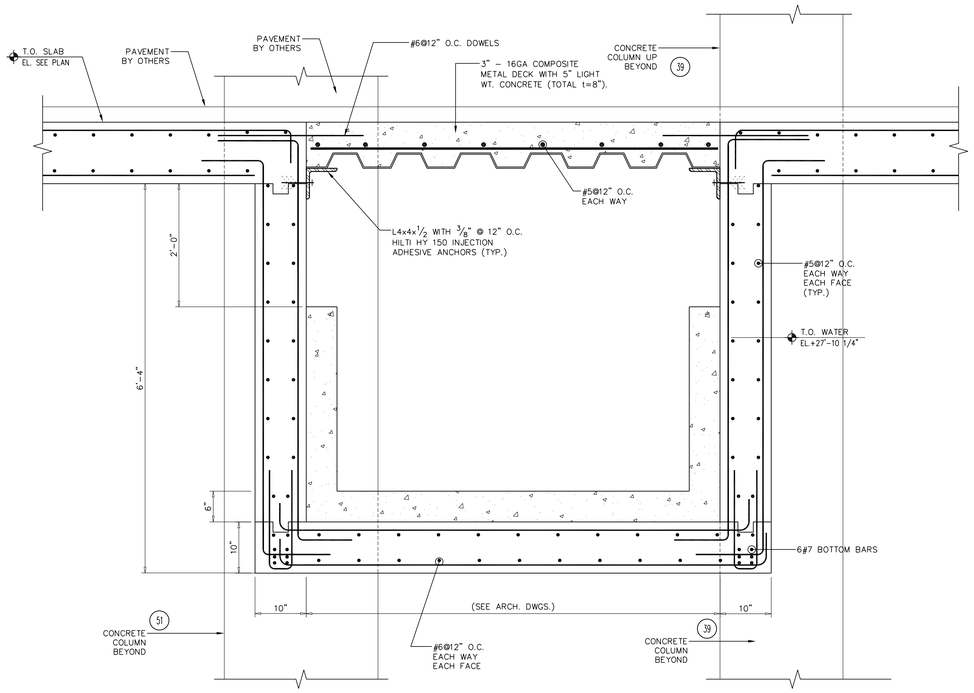
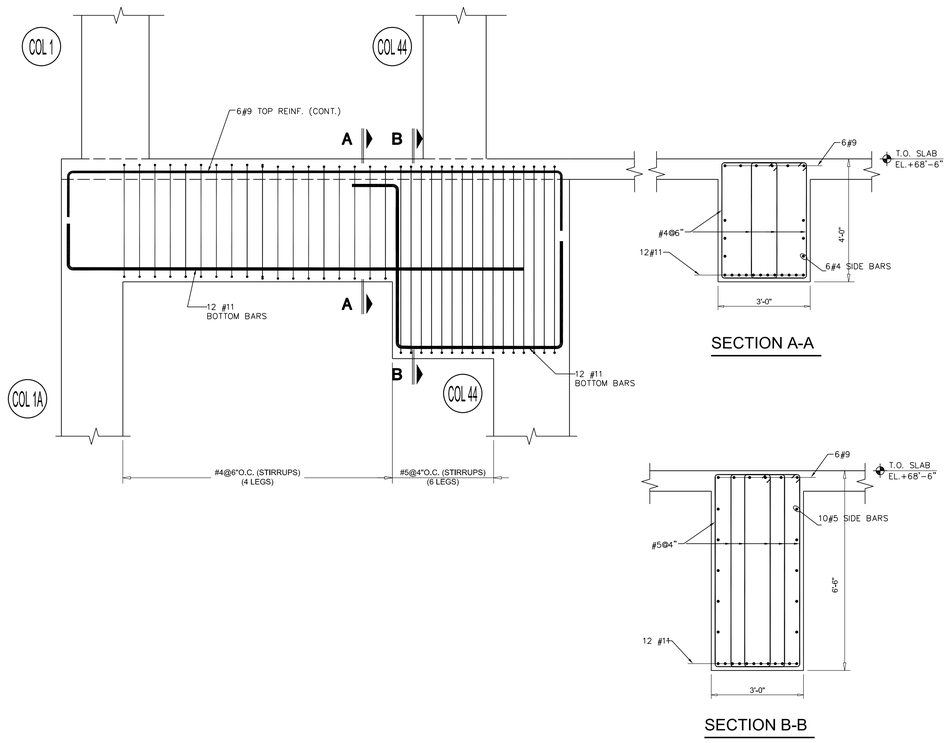


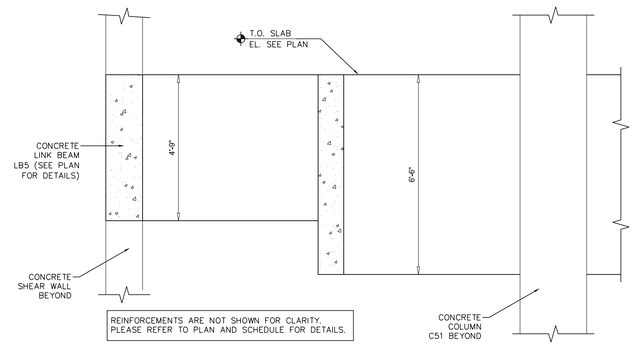
2 SECTION FOR WATER RETENTION TANK

SCALE: 1"=1'-0"



1 BM3-2 TRANSFER BEAM DETAILS

SCALE: 1/2"=1'-0"



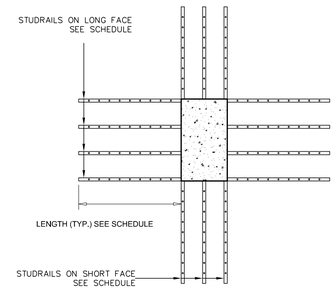
5 SECTION FOR WATER RETENTION TANK

SCALE: 1"=1'-0"

STRUDRAIL SCHEDULE

TYPE	DIAMETER	HEIGHT	SPACING	# OF RAILS LONG FACE	# OF RAILS SHORT FACE	LENGTH
SR-1	3/8"	10 1/2"	3"	4 RAILS	4 RAILS	27"
SR-2	3/8"	6 1/2"	3"	4 RAILS	3 RAILS	21"
SR-3	5/8"	30 1/2"	4"	6 RAILS	4 RAILS	114"
SR-4	5/8"	11 1/2"	4"	4 RAILS	4 RAILS	28"
SR-5	5/8"	11 1/2"	4"	4 RAILS	3 RAILS	124"
SR-6	5/8"	21 1/2"	4"	7 RAILS	7 RAILS	124"
SR-7	5/8"	21 1/2"	4"	8 RAILS	7 RAILS	124"
SR-8	5/8"	21 1/2"	4"	5 RAILS	4 RAILS	100"
SR-9	5/8"	21 1/2"	6"	4 RAILS	4 RAILS	48"

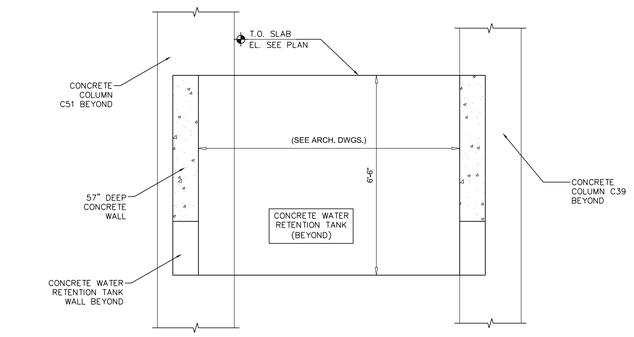
NOTE: RELOCATE STUDRAILS THRU OPENING TO OTHER FACE OF THE COLUMN



TYPICAL RAIL LAYOUT

3 STUDRAIL OPTION DETAILS

SCALE: 1/2"=1'-0"



6 SECTION FOR WATER RETENTION TANK

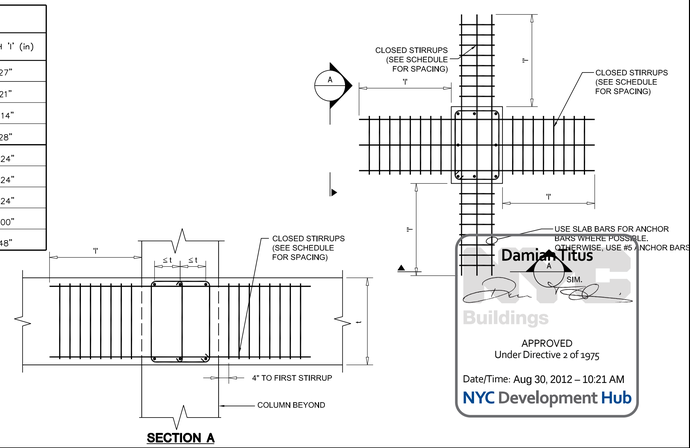
SCALE: 1"=1'-0"

SHEAR HEAD SCHEDULE

TYPE	LONG FACE STIRRUPS	SHORT FACE STIRRUPS	LENGTH 'l' (in)
SH-1	4L #4 @ 3" O.C.	4L #4 @ 3" O.C.	27"
SH-2	4L #4 @ 3" O.C.	3L #4 @ 3" O.C.	21"
SH-3	6L #5 @ 6" O.C.	4L #5 @ 6" O.C.	114"
SH-4	4L #5 @ 4" O.C.	4L #5 @ 4" O.C.	28"
SH-5	4L #5 @ 4" O.C.	3L #5 @ 4" O.C.	124"
SH-6	7L #5 @ 4" O.C.	7L #5 @ 4" O.C.	124"
SH-7	8L #5 @ 4" O.C.	7L #5 @ 4" O.C.	124"
SH-8	5L #5 @ 4" O.C.	4L #5 @ 4" O.C.	100"
SH-9	4L #5 @ 6" O.C.	4L #5 @ 6" O.C.	48"

NOTE:
1. RELOCATE STIRRUPS THRU OPENING TO OTHER FACE OF THE COLUMN

3. WHERE SHEAR HEADS OVERLAP PROVIDE THE SHEAR HEAD WITH HIGHER NUMBER OF STIRRUPS



SECTION A

4 SHEAR HEAD OPTION DETAILS

SCALE: 1/2"=1'-0"

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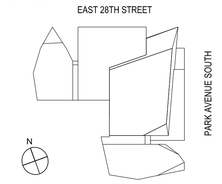

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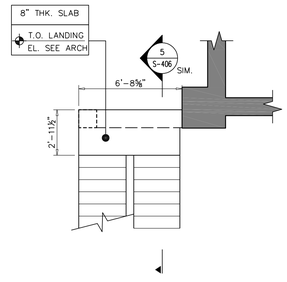
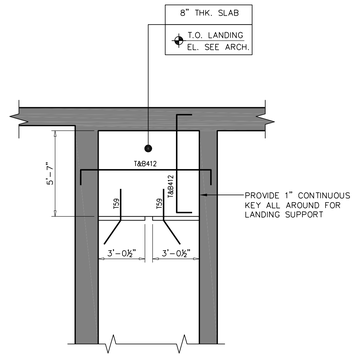


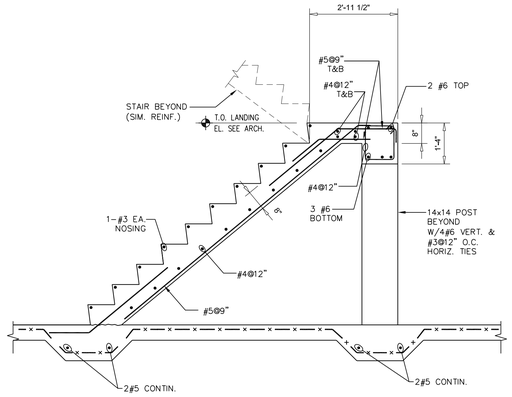
3 STAIR PART PLAN

SCALE: 1/4"=1'-0"



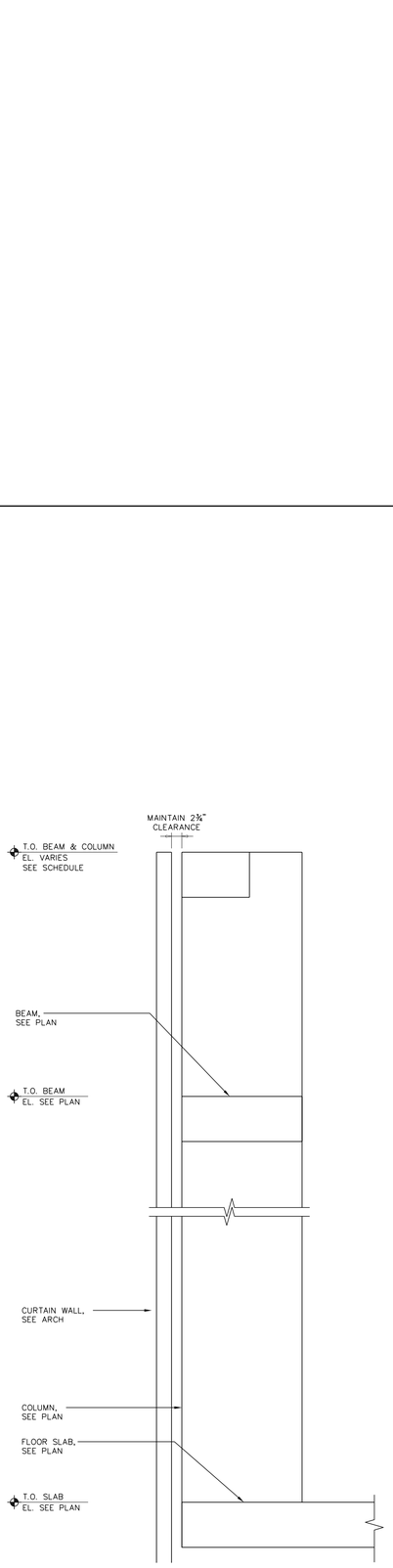
2 STAIR PART PLAN

SCALE: 1/4"=1'-0"



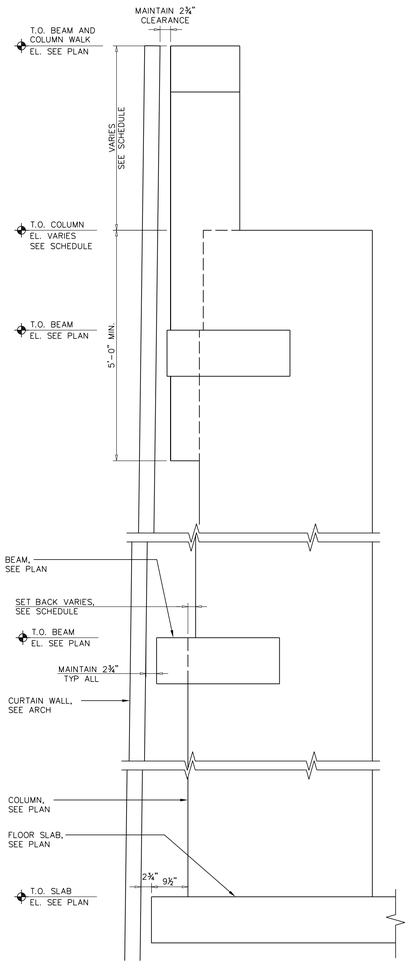
1 STAIR SECTION

SCALE: 1/2"=1'-0"



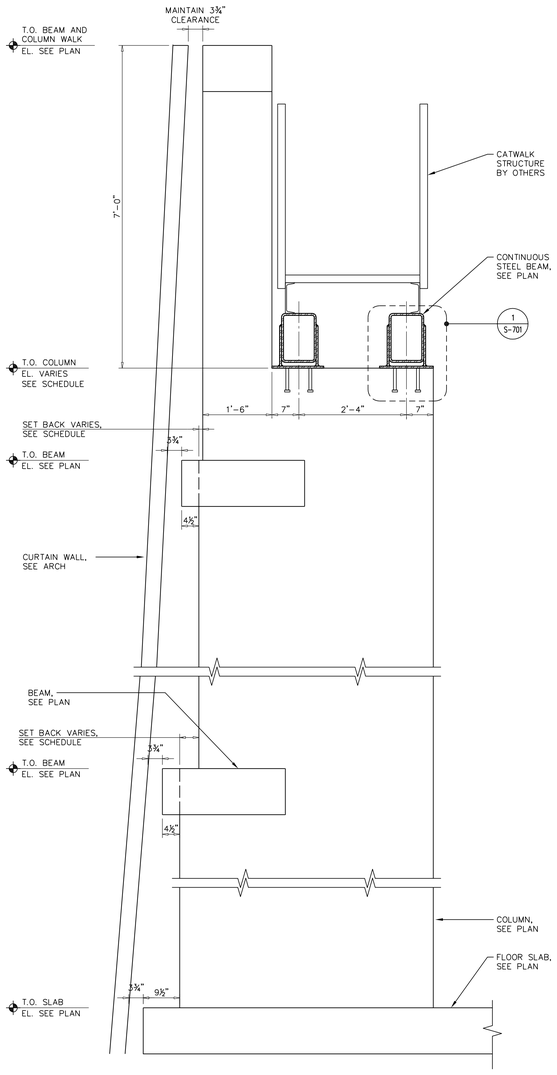
8 SECTION AT STRAIGHT FACADE

SCALE: 3/4"=1'-0"



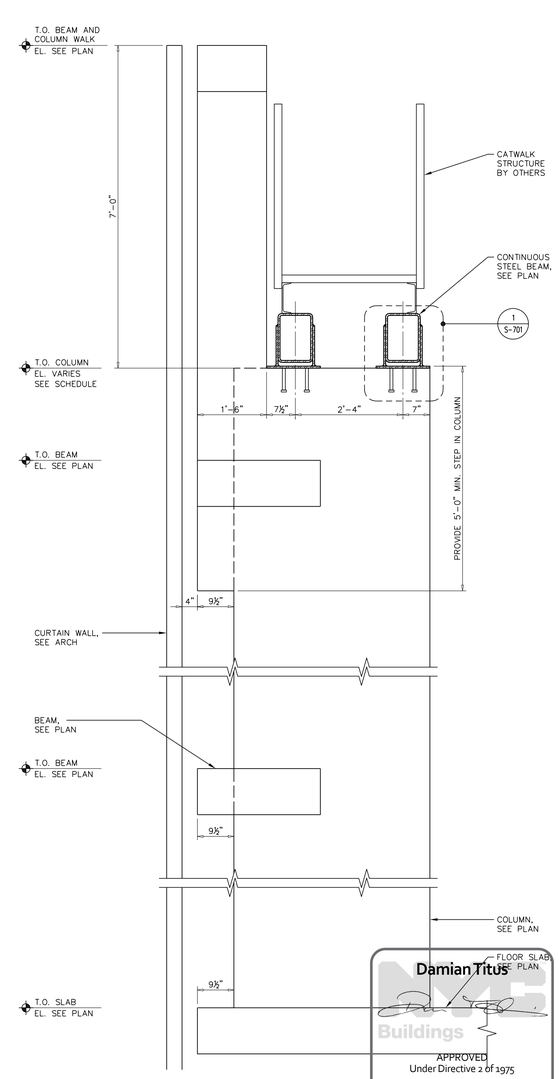
7 SECTION AT SLOPED FACADE

SCALE: 3/4"=1'-0"



6 SECTION AT SLOPED FACADE

SCALE: 3/4"=1'-0"



5 SECTION AT STRAIGHT FACADE

SCALE: 3/4"=1'-0"

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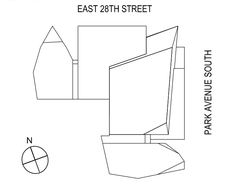

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PROJECT NO:	5620

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026.074012
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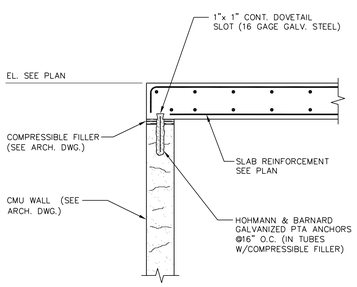

3 TYPICAL TOP ATTACHMENT DETAIL FOR CMU WALLS

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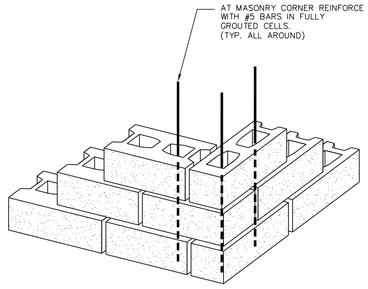


2 TYPICAL DETAIL AT WALL CORNER

SCALE: N.T.S.

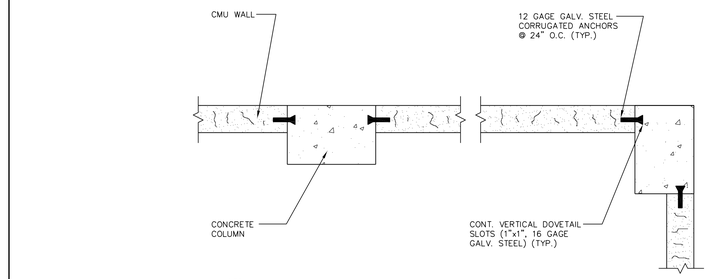
REINFORCEMENT FOR ARCHITECTURAL MASONRY WALLS

NOMINAL WALL THICKNESS	LOCATION	VERTICAL REINFORCING	HORIZONTAL REINFORCING	MAX. UNBRACED LENGTH
8"	EXTERIOR	#4 @ 16"	TRUSS @ 16"	12'-0"
8"	INTERIOR	#4 @ 48"	TRUSS @ 16"	17'-0"
8"	EXTERIOR	#5 @ 16"	TRUSS @ 16"	17'-0"
6"	INTERIOR	#4 @ 48"	TRUSS @ 16"	12'-0"
6"	EXTERIOR	#4 @ 16"	TRUSS @ 16"	12'-0"
6"	INTERIOR	#4 @ 16"	TRUSS @ 16"	17'-0"

1. USE EXTERIOR REINFORCEMENT FOR ALL 6" WALLS AT THE STAIR TOWER.
2. f'm = 1500 psi

1 MASONRY WALL SCHEDULE

SCALE: N.T.S.

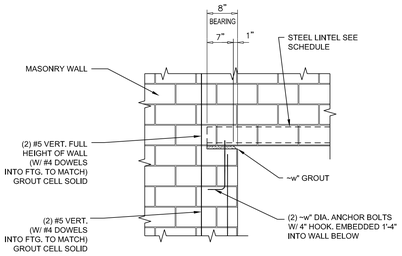


NOTE:

1. PROVIDE VERTICAL SLOTS AT EACH COLUMN FACE IN CONTACT WITH CMU.
2. IN WALLS, BEAMS AND ANY CONCRETE FACE OVER 18" IN DEPTH, PROVIDE VERTICAL SLOTS AT 24" O.C.

7 TYPICAL MASONRY ANCHOR DETAILS AT CONCRETE

SCALE: N.T.S.



TYPICAL LINTEL BEARING DETAIL

SCHEDULE OF ANGLE LINTELS FOR NON-BEARING MASONRY PARTITIONS

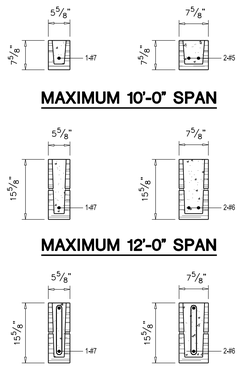
SPAN	ANGLE SIZE
SPANS UP TO 5'-0"	∠ 3 1/2 x 3 1/2 x 5/16
5'-0" TO 7'-0"	∠ 4 x 3 1/2 x 5/16
7'-0" TO 8'-0"	∠ 5 x 3 1/2 x 5/16
8'-0" TO 9'-0"	∠ 5 x 3 1/2 x 3/8

NOTES:

1. ONE ANGLE REQUIRED FOR EACH 4" OF WALL THICKNESS. MINIMUM BEARING 6".
2. WHERE UNEQUAL ANGLES ARE USED, PLACE LONG LEG VERTICAL.
3. VERTICAL LEGS OF BACK-TO-BACK ANGLES SHALL BE BOLTED TOGETHER WHEN CLEAR SPAN OF OPENING IS OVER 6'-0".
4. LINTELS ARE DESIGNED TO CARRY BRICK OR LIGHTER WALL CONSTRUCTION ONLY.
5. LINTELS ARE NOT DESIGNED TO CARRY ANY FLOOR OR ROOF LOAD.
6. LINTELS ARE DESIGNED TO CARRY RUNNING BOND CONSTRUCTION ONLY.

12 ANGLE LINTELS FOR NON-BEARING MASONRY PARTITIONS

SCALE: N.T.S.



9 TYPICAL CMU LINTEL DETAILS

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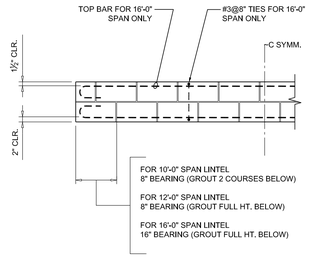
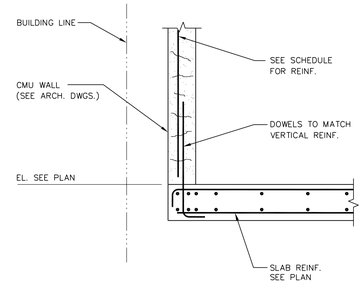


CMU LINTEL BEARING DETAIL



4 TYPICAL DOWEL DETAIL FOR CMU WALLS

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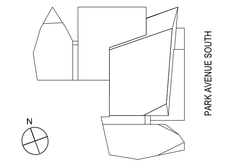
1.	02.17.2012	DESIGN DEVELOPMENT
2.	03.21.2012	FOUNDATION PERMIT
3.	04.20.2012	SUPERSTRUCTURE BID ISSUE
4.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	AS SHOWN
PROJECT NO:	5620

SEAL & SIGNATURE

STATE OF NEW YORK STEVEN V. DESALVO 074033 LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
MASONRY SECTIONS AND DETAILS

DRAWING NO:
S-601.00

NYC DOB NO: 121181808 | 79 of 81

5620-079-S-601.dwg

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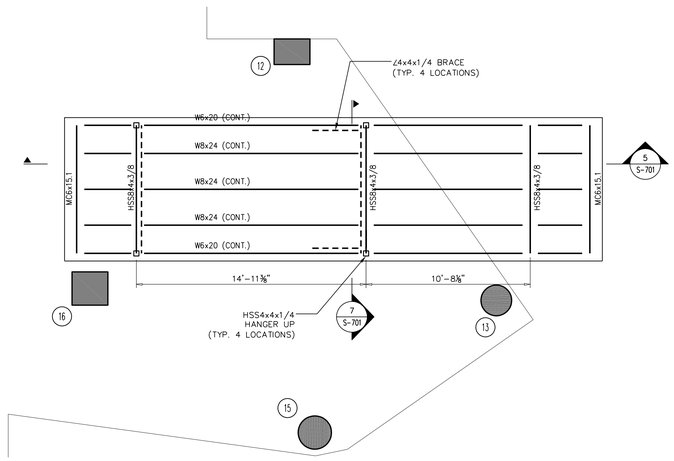
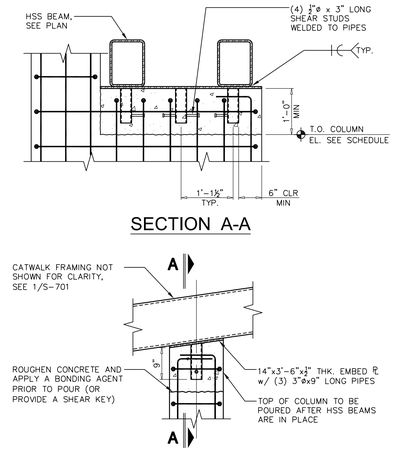


3 CONDO CANOPY PART PLAN

SCALE: 1/4" = 1'-0"

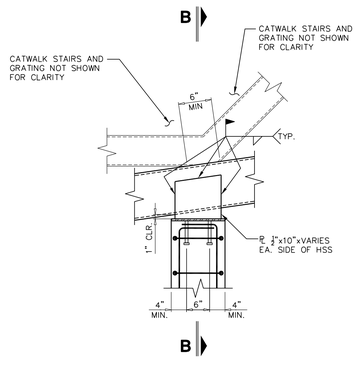


SECTION A-A

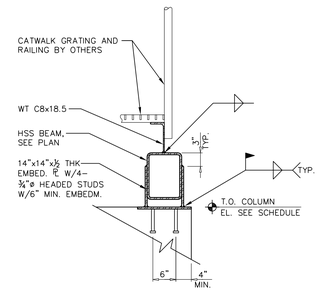
ELEVATION

2 HSS CONECTION AT FACADE COLUMN - OPTION A

SCALE: 3/4" = 1'-0"



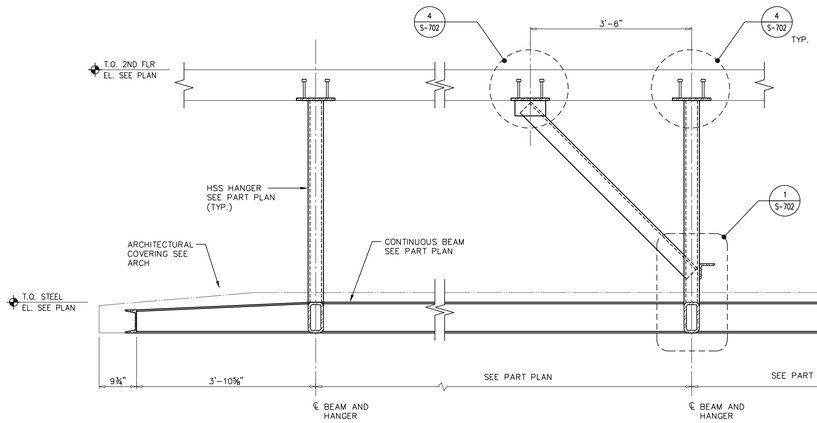
ELEVATION



SECTION B-B

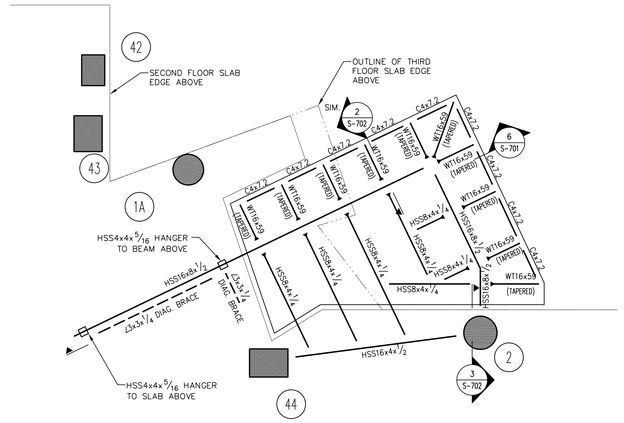
1 TYPICAL HSS CONECTION AT FACADE COLUMN

SCALE: 3/4" = 1'-0"



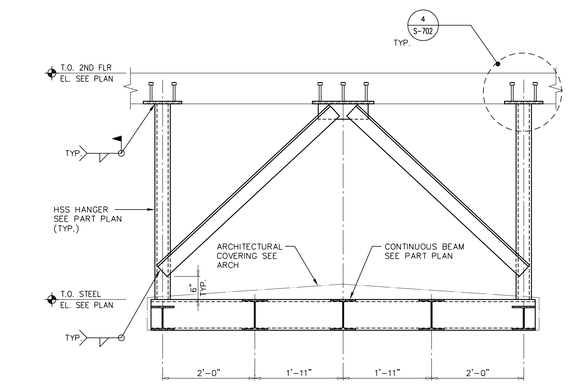
5 SECTION THROUGH RESIDENTIAL CANOPY

SCALE: 3/4" = 1'-0"



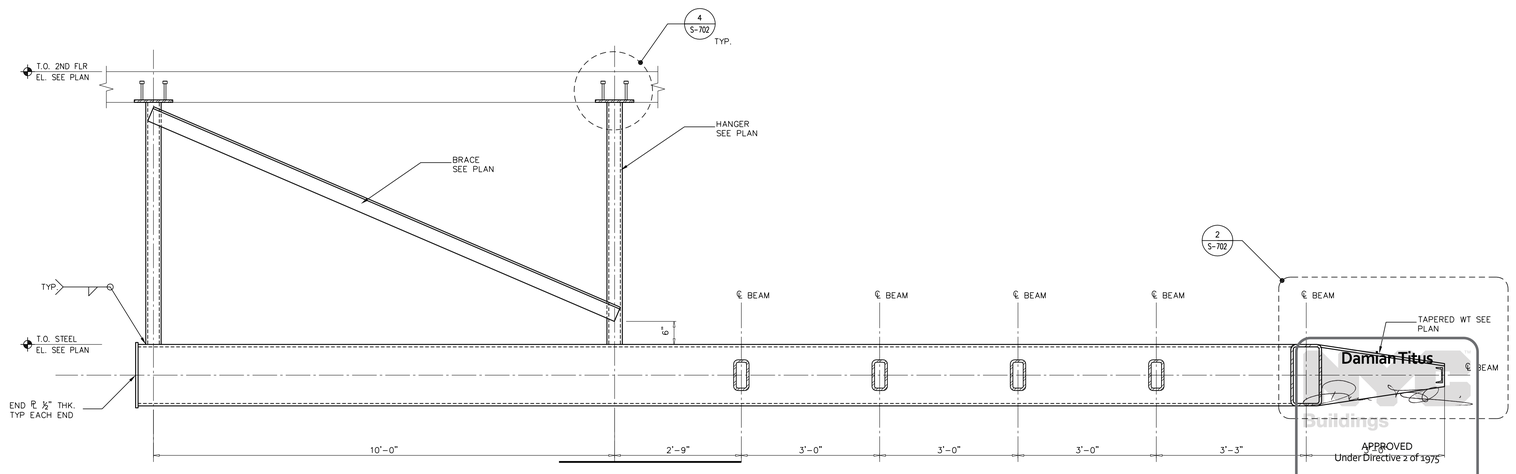
4 SUBWAY ENTRY CANOPY PART PLAN

SCALE: 1/4" = 1'-0"



7 SECTION AT RESIDENTIAL CANOPY

SCALE: 3/4" = 1'-0"



6 SECTION THROUGH SUBWAY ENTRY CANOPY

SCALE: 3/4" = 1'-0"

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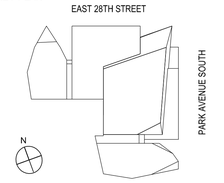
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE:	01.18.2012
SCALE:	AS SHOWN
PROJECT NO:	5620

SEAL & SIGNATURE

DRAWING TITLE:

STEEL SECTIONS
AND DETAILS

DRAWING NO:

S-701.00

NYC DOB NO: 121181808 | 80 of 81

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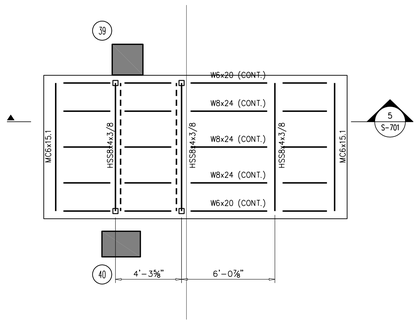
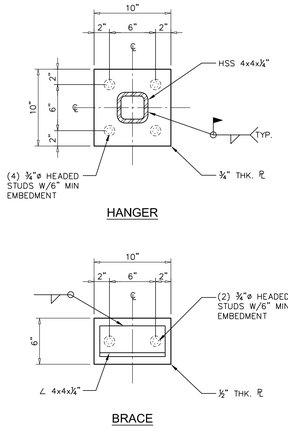


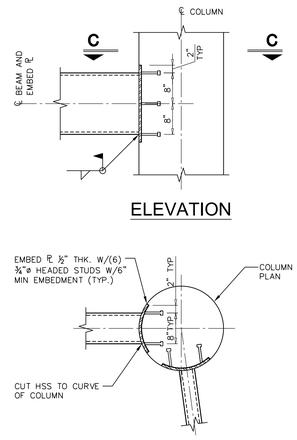
5 RENTAL CANOPY PART PLAN

SCALE: 1/4" = 1'-0"



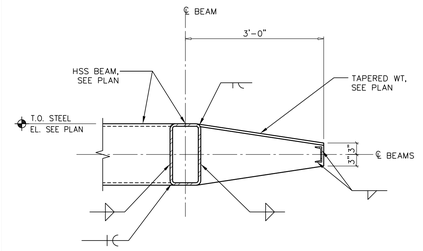
4 TYPICAL EMBEDMENT PLATE DETAILS

SCALE: 1-1/2" = 1'-0"



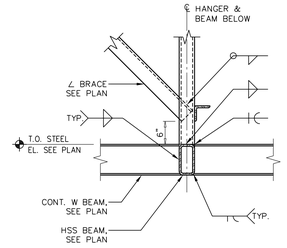
3 HSS TO ROUND COLUMN CONNECTION DETAIL

SCALE: 3/4" = 1'-0"



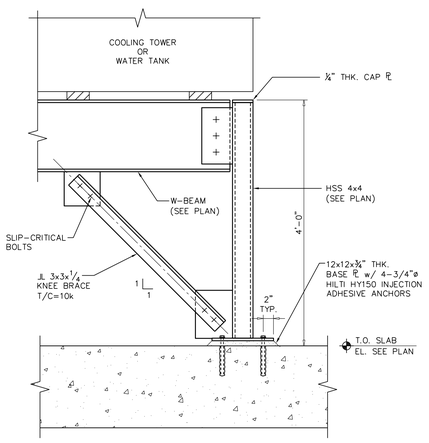
2 TAPERED WT CONNECTION

SCALE: 3/4" = 1'-0"



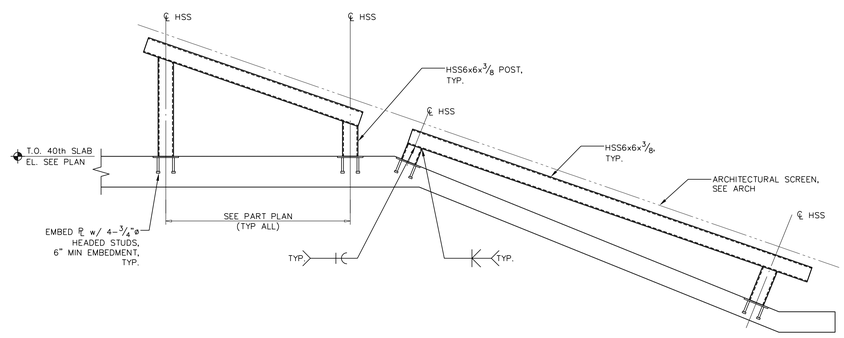
1 HANGER AND BEAM CONNECTION DETAIL

SCALE: 3/4" = 1'-0"



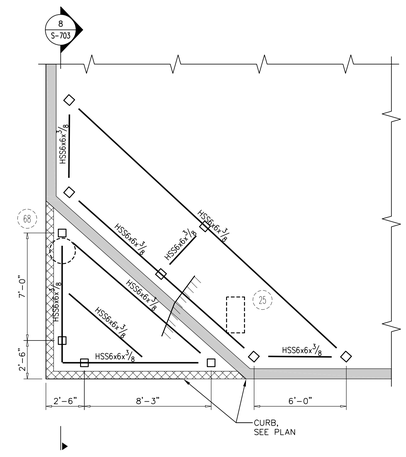
9 DETAIL AT COOLING TOWER AND WATER TANK POST

SCALE: 1" = 1'-0"



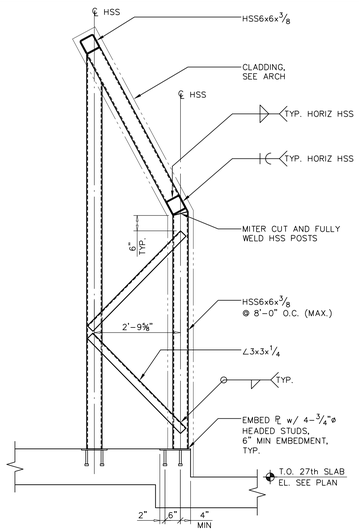
8 SLAB SCREEN SUPPORT SECTION

SCALE: 1/2" = 1'-0"



7 SLAB SCREEN SUPPORT PART PLAN

SCALE: 1/2" = 1'-0"



6 WALL SCREEN SUPPORT SECTION

SCALE: 1/2" = 1'-0"

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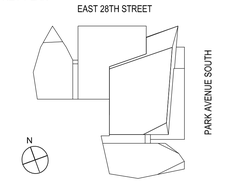
NO.	DATE	ISSUANCE
1.	04.20.2012	SUPERSTRUCTURE BID ISSUE
2.	06.15.2012	CONSTRUCTION DOCUMENTS

KEY PLAN



DATE: 01.18.2012
SCALE: AS SHOWN
PROJECT NO: 5620

SEAL & SIGNATURE

STATE OF NEW YORK
STEVEN V. DESIMONE
LIC. 074903
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:

STEEL SECTIONS AND DETAILS

DRAWING NO:

S-702.00

NYC DOB NO: 121181808 | 81 of 81

5620-081-S-702.dwg

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Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:21 AM
NYC Development Hub

DEPT OF BLDGS 121181808 Job Number
E3541304060 Scan Code

400PAS

KEY OF SYMBOLS

NOTE: THE KEY OF SYMBOLS INDICATED IS FOR CONVENIENCE ONLY AND ITEMS INDICATED ARE NOT NECESSARILY WITHIN THE SCOPE OF THE WORK.

SOIL OR WASTE PIPING (S) (W)	
LEADER (L) (LDR)	
INDIRECT WASTE	
PIPING INSULATED OVER HEAT TRACING	
VENT PIPING	
EXISTING PIPING TO BE REMOVED	
EXISTING PIPING TO REMAIN	
COLD WATER PIPING (C.W.)	
HOT WATER PIPING (H.W.)	
HOT WATER PIPING W/ TEMP. MAINTENANCE TRACING	
HOT WATER CIRCULATING PIPING (H.W.C.)	
GAS PIPING (G)	
FIRE STANDPIPE PIPING (F) (FSP)	
PUMP DISCHARGE PIPING (P.D.)	
SPRINKLER PIPING (SP.)	
SPRINKLER DRY PIPING (D)	
GATE VALVE (G.V.)	
LOCKSHIELD VALVE (GLOBE VALVE)	
PLUG COCK	
CHECK VALVE (C.V.)	
HOSE BIBB (H.B.) SILL COCK (S.C.)	
VACUUM BREAKER (V.B.)	
PRESSURE RELIEF VALVE PRESS. & TEMP. RELIEF VALVE	
PRESSURE REGULATING VALVE	
STRAINER	
"P" TRAP FOR LAV., SINK, ETC.	
CLEANOUT DECK PLATE (C.O.D.P.)	
SHOCK ABSORBER	
ANCHOR	
GUIDE	
PRESSURE GAUGE	
THERMOMETER	
TEMPERATURE REGULATOR	
WALL HYDRANT (W.H.)	
YARD HYDRANT (Y.H.) (D.H.)	
PIPING COVERED WITH ELECTRIC HEAT TRACING	
HWATT	
UNION CONNECTION	
EXPANSION JOINT	
AUTOMATIC AIR VENT VALVE	

STACK & RISER SYMBOLS

P / BX	BATH SOIL WASTE & VENT STACKS & WATER RISERS
P / SX	SINK SOIL WASTE & VENT STACKS & WATER RISERS
P / WX	WASHER SOIL WASTE & VENT STACKS & WATER RISERS
P / WX	RETAIL SOIL WASTE & VENT STACKS & WATER RISERS
L / X	STORM LEADER
G / X	GAS RISER
G / RX	RETAIL GAS RISER
F / X	FIRE STANDPIPE RISER
(XXX ⌀)	STORM DRAINAGE AREA
[XXX ⌀]	VERTICAL WALL ALLOWANCE STORM DRAINAGE AREA
(XXX GPM)	CONTROL FLOW DRAINAGE DRAIN DISCHARGE

A.B.D.	AUTOMATIC BALL DRIP
A.D.	ACCESS DOOR
A. DR.	AREA DRAIN
B.T.	BATH TUB
C.D.	CANOPY DRAIN
C.F.H.	CUBIC FEET PER HOUR
C.F.M.	CUBIC FEET PER MINUTE
C.F.S.	CUBIC FEET PER SECOND
CLG.	CEILING
C.O.	CLEANOUT
C.O.D.P.	CLEAN OUT DECK PLATE
C.V.	CHECK VALVE
C.V.B.	CHECK VALVE BOX
D.I.	DROP INLET
D.F.	DRINKING FOUNTAIN
DN.	DOWN
EL.	ELEVATION
E.W.C.	ELECTRIC WATER COOLER
F.A.I.	FRESH AIR INLET
F.D. FL. DR.	FLOOR DRAIN
FL.	FLOOR
F.O.	FLOOR OUTLET
F.U.	FIXTURE UNITS
FUN. DR.	FUNNEL DRAIN
F.V.	FLUSH VALVE FLUSHOMETER
G.V.	GATE VALVE
H.C.	HUNG CEILING
H.R.	HOSE RACK
INV.	INVERT
LAV.	LAVATORY
MH.	MANHOLE
M.S.	MOP SINK
N.C.F.	NON CONTROLLED FLOW
N.I.C.	NOT IN CONTRACT
O.S.&Y.	OUTSIDE SCREW & YOKE
P.C.	PLUG COCK
P.O.	PLUGGED OUTLET
R.P.B. F.P.	REDUCED PRESSURE BACKFLOW PREVENTER
R.D.	ROOF DRAIN
R.T.	RUNNING TRAP
R.C.V.	RISER CONTROL VALVE
S.P.O.	SOIL PLUGGED OUTLET
S.H.	SHOWER HEAD
SH.– SHWR.	SHOWER
SK.	SINK
S.S.	SERVICE SINK
S.E.	SEWAGE EJECTOR
T.D.	TERRACE DRAIN
T.E.	TERRACE ELEVATION
T.S.	TAMPER SWITCH
UR.	URINAL
U.O.S.W.	UNDER ANOTHER SECTION OF THE WORK
VAL. O. V.O.	VALVED OUTLET
V.T.R.	VENT THRU ROOF
V.P.O.	VENT PLUGGED OUTLET
VWA	VERTICAL WALL ALLOWANCE
W.C.	WATER CLOSET

PLUMBING INSTALLATION CRITERIA

EACH BIDDER SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE CONDITION OF THE PREMISES AND THE EXTENT AND CHARACTER OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE APPROVED DUE TO FIELD CONDITIONS.

1. PROVIDE ROUGH–IN AND FINAL CONNECTIONS FOR ALL PLUMBING FIXTURES INCLUDING WASTE, VENTS, HOT AND COLD WATER, AND PROVIDE ALL PLUMBING WORK NECESSARY TO MAKE THE PANTRY, ELECTRIC WATER COOLER(S) BATH, ETC. ENTIRELY OPERABLE AND ACCEPTABLE TO LOCAL HEALTH AND BUILDING OFFICIALS.
2. PLUMBING CONTRACTOR SHALL LOCATE ALL PIPING AND PLUMBING ROUGH–IN FOR PLUMBING FIXTURES IN ACCORDANCE WITH ROUGH–IN DRAWINGS PROVIDED BY EQUIPMENT MANUFACTURERS.
3. ALL VISIBLY EXPOSED PIPE TO EQUIPMENT SHALL BE CHROME PLATED BRASS.
4. PROVIDE SHUT–OFF VALVES FOR EACH PLUMBING FIXTURE AND PIECE OF EQUIPMENT.
5. PROVIDE TRAPS ON ALL WASTE PIPING FROM PLUMBING FIXTURES AND PIECE OF EQUIPMENT.
6. COORDINATE POSITION OF SLEEVES AND OPENINGS THROUGH FLOOR WITH THE GENERAL CONTRACTOR.
7. PROVIDE VACUUM BREAKERS AND CHECK VALVES FOR THE PLUMBING FIXTURES WHERE AND WHEN REQUIRED BY CODE.
8. ALL PIPING AND EQUIPMENT SHALL BE SUBSTANTIALLY SUPPORTED FROM THE BUILDING STRUCTURE. HANGER AND SUPPORTS SHALL BE SPECIFICALLY APPROVED FOR USE IN PLUMBING SYSTEMS.
   A. WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING OF HANGER RODS IN REQUIRED LOCATIONS, PROVIDE ADDITIONAL STEEL FRAMING AS REQUIRED AND APPROVED.
   B. NO PLUMBING PIPING SHALL BE HUNG FROM THE PIPING OF OTHER TRADES OR DUCTWORK. HANGERS SHALL BE OF HEAVY CONSTRUCTION, SUITABLE FOR THE SIZE OF PIPE TO BE SUPPORTED.
9. PLUMBING FIXTURES TO BE APPROVED BY THE GENERAL CONTRACTOR AND INSTALLED BY THE PLUMBING CONTRACTOR.
10. PLUMBING FIXTURES SHALL BE AS SPECIFIED BY ARCHITECT.
11. ALL PLUMBING FIXTURES SPECIFIED BY THE ARCHITECT. SEE ARCHITECTURAL DRAWINGS, SPECIFICATIONS, DETAILS AND ELEVATIONS OF THE PANTRY, BATH, ETC. FOR REQUIRED PLUMBING CONNECTIONS.

NEW YORK CITY BUILDING DEPARTMENT PLUMBING NOTES

THE PLUMBING SYSTEMS (SANITARY, WASTE, VENT, WATER DISTRIBUTION AND GAS) AND ALL ASSOCIATED EQUIPMENT WILL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE FULL REQUIREMENTS OF THE NEW YORK CITY 2008 PLUMBING CODE. COMPLIANCE WITH THE FULL PROVISIONS OF ALL NEW YORK CITY BUILDING AND PLUMBING CODE ACCESSIBILITY REQUIREMENTS AND PLUMBING FIXTURE FLOW REQUIREMENTS OF THE N.Y.C. 2008 PLUMBING CODE.

1. THE SANITARY SYSTEM SHALL BE PROVIDED IN FULL ACCORDANCE WITH THE GENERAL PROVISIONS OF SECTION PC301.
2. THE MATERIALS USED IN THE PLUMBING SYSTEMS WILL BE PROVIDED IN FULL ACCORDANCE WITH SECTIONS PC302 AND PC303.
3. EQUIPMENT HOOK–UP AND THE JOINING WILL BE FULL COMPLIANCE WITH SECTIONS PC605 AND PC705.
4. THE INSTALLATION OF FIXTURES WILL BE IN FULL ACCORDANCE WITH PC CHAPTER 4.
5. TRAPS FOR FIXTURES AND DRAIN LINES WILL BE PROVIDED AND CLEANOUTS INSTALLED IN FULL COMPLIANCE WITH SECTIONS PC412, PC708 AND PC CHAPTER 10.
6. VERTICAL AND HORIZONTAL PIPING WILL BE HUNG AND SUPPORTED AS DIRECTED IN SPECIFICATIONS AND WITH THE FULL COMPLIANCE WITH SECTION PC308.
7. THE WATER SUPPLY SYSTEMS OF THE SUBJECT BUILDING SHALL BE INSTALLED AND MAINTAINED IN FULL COMPLIANCE WITH PC CHAPTER 6.
8. THE SANITARY DRAINAGE SYSTEM WILL BE SIZED AND INSTALLED IN FULL COMPLIANCE WITH PC CHAPTER 7.
9. THE VENT PIPING FOR THE SANITARY DRAINAGE SYSTEM OF THE SUBJECT BUILDING WILL BE INSTALLED IN FULL COMPLIANCE WITH SECTION PC702 & PC CHAPTER 9.
10. THE STORM DRAINAGE SYSTEM AND PIPING WILL BE INSTALLED IN FULL COMPLIANCE WITH PC CHAPTER 11.
11. GAS PIPING AND EQUIPMENT WILL BE INSTALLED IN FULL COMPLIANCE WITH THE NEW YORK CITY FUEL GAS CODE.
12. ALL TRENCHING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC306.
13. RAT PROOFING SHALL BE IN ACCORDANCE WITH SECTION PC304.
14. TEMPORARY TOILET FACILITIES SHALL BE PROVIDED FOR WORKMAN AS PER SECTION PC311.
15. PLUMBING SYSTEMS AND EQUIPMENT SHALL BE CONSTRUCTED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE 2008 NEW YORK CITY BUILDING CODE.

DRAWING LIST

DRAWING No.	DRAWING TITLE	SCALE
P-001	PLUMBING LEGEND, SYMBOLS & DRAWING LIST	NONE
P-002	PLUMBING UTILITY SITE PLAN	NONE
P-098	PLUMBING UNDERGROUND PIPING PLAN	1/8"=1'-0"
P-099	PLUMBING SUB-CELLAR PLAN	1/8"=1'-0"
P-100	PLUMBING CELLAR PLAN	1/8"=1'-0"
P-101	PLUMBING 1ST FLOOR PLAN	1/8"=1'-0"
P-102	PLUMBING 2ND FLOOR PLAN	1/8"=1'-0"
P-103	PLUMBING 3RD - 6TH FLOOR PLAN	1/8"=1'-0"
P-107	PLUMBING 7TH - 11TH FLOOR PLAN	1/8"=1'-0"
P-112	PLUMBING 12TH FLOOR PLAN	1/8"=1'-0"
P-113	PLUMBING 13TH - 19TH FLOOR PLAN	1/8"=1'-0"
P-120	PLUMBING 20TH FLOOR PLAN	1/8"=1'-0"
P-121	PLUMBING 21ST - 22ND FLOOR PLAN	1/8"=1'-0"
P-123	PLUMBING 23RD FLOOR PLAN	1/8"=1'-0"
P-124	PLUMBING 24TH - 26TH FLOOR PLAN	1/8"=1'-0"
P-127	PLUMBING 27TH FLOOR PLAN	1/8"=1'-0"
P-128	PLUMBING 28TH - 29TH FLOOR PLAN	1/8"=1'-0"
P-130	PLUMBING 30TH FLOOR PLAN	1/8"=1'-0"
P-131	PLUMBING 31ST - 36TH FLOOR PLAN	1/8"=1'-0"
P-137	PLUMBING 37TH - 38TH FLOOR PLAN	1/8"=1'-0"
P-139	PLUMBING 39TH FLOOR PLAN	1/8"=1'-0"
P-140	PLUMBING 40TH FLOOR PLAN	1/8"=1'-0"
P-141	PLUMBING 41ST, 42ND, 43RD & EMR ROOF PLAN	1/8"=1'-0"
P-301	PLUMBING SANITARY RISER DIAGRAM	NONE
P-302	PLUMBING SANITARY RISER DIAGRAM	NONE
P-303	PLUMBING SANITARY RISER DIAGRAM	NONE
P-304	PLUMBING SANITARY RISER DIAGRAM	NONE
P-305	PLUMBING SANITARY RISER DIAGRAM	NONE
P-306	PLUMBING SANITARY RISER DIAGRAM	NONE
P-307	PLUMBING DOMESTIC WATER RISER DIAGRAM	NONE
P-308	PLUMBING DOMESTIC WATER RISER DIAGRAM	NONE
P-309	PLUMBING DOMESTIC WATER RISER DIAGRAM	NONE
P-310	PLUMBING DOMESTIC WATER RISER DIAGRAM	NONE
P-311	PLUMBING DOMESTIC WATER RISER DIAGRAM	NONE
P-312	PLUMBING DOMESTIC WATER RISER DIAGRAM	NONE
P-313	PLUMBING STORM RISER DIAGRAM	NONE
P-314	PLUMBING GAS RISER DIAGRAM	NONE
P-401	PLUMBING SCHEDULE SHEET #1	NONE
P-402	PLUMBING SCHEDULE SHEET #2	NONE
P-403	PLUMBING SCHEDULE SHEET #3	NONE
P-500	PLUMBING BACKFLOW PREVENTER DETAILS	AS NOTED
P-501	PLUMBING DETAIL SHEET #1	NONE
P-502	PLUMBING DETAIL SHEET #2	NONE

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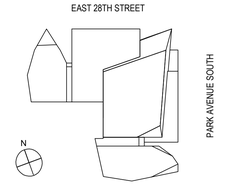
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:
PLUMBING LEGEND, SYMBOLS & DRAWING LIST

DRAWING NO:
P-001.00

NYC DOB NO: 121181808 | 1 of 43

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FILE NAME C:_WORK\120071\PLUM\120071-P001 (Dwg List).dwg SAVED ON 6/15/2012 6:51 PM PLOTTED ON 6/15/2012 7:07 PM PLOTTED BY MCGUIRE, BRIAN

DEPT OF BLDGS 121181808 Job Number
ES4155764401 Scan Code

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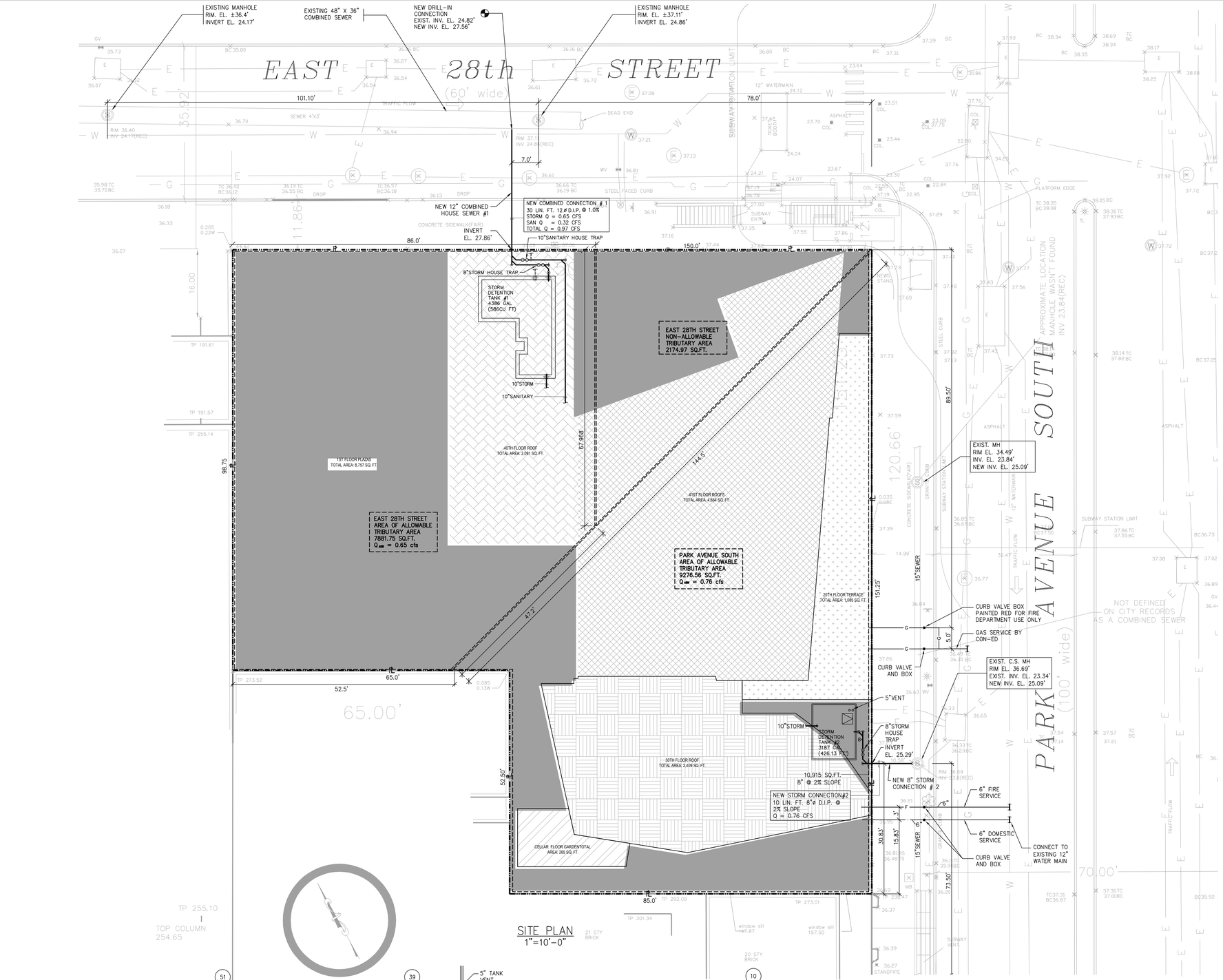

SITE PLAN
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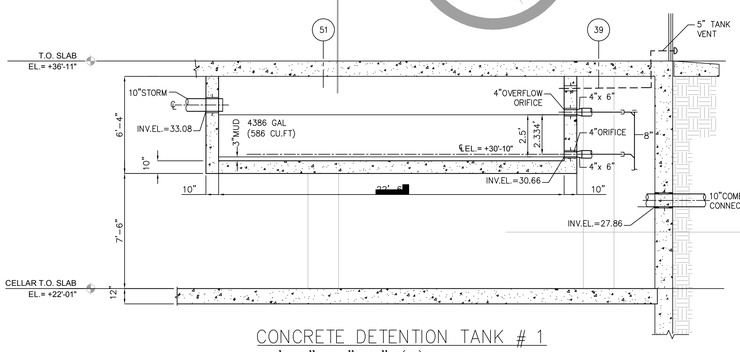
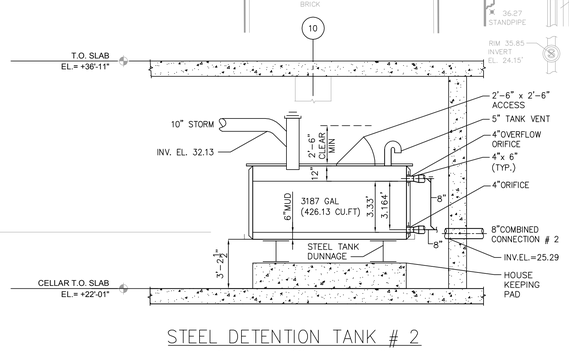


CONCRETE DETENTION TANK # 1
22'-6"x 6"-4" (h)



STEEL DETENTION TANK # 2
10'-0"x 12-9 1/4"x 4"-10"

400 PARK AVENUE SOUTH
NEW YORK, NY
BLOCK: 857
LOT: 40
AREA: 19,275 SQ. FT. = 0.442 AC
D.O.B. #:121181808

LEGEND

- EXISTING UTILITY LINE
- NEW UTILITY LINE
- W — EXISTING WATER MAIN
- NEW DOMESTIC WATER SERVICE
- F — NEW FIRE SERVICE
- S MH. EXISTING SEWER MANHOLE
- G EXISTING/NEW GAS SERVICE
- E ELECTRIC DUCT BANK
- E (E) ELECTRIC MANHOLE
- PROPERTY LINE

NOTES:

1. ELEVATIONS SHOWN HEREON REFER TO THE MANHATTAN BOROUGH DATUM WHICH IS 2.75' ABOVE MEAN SEA LEVEL AT SANDY HOOK, NJ, AS ESTABLISHED BY THE UNITED STATES COAST AND GEODETIC SURVEY.

2. NO EXISTING SEWER CONNECTIONS HAVE BEEN FOUND AT THE VISUAL SURVEY OF THE SITE. SHOULD THE EXCAVATION UNCOVER ANY EXISTING DRAINAGE CONNECTIONS THE CONTRACTOR SHALL PLUG PIPE AT THE CURB LINE.

3. STREET UTILITIES SHOWN BASED ON UTILITY INFORMATION OBTAINED FROM TOPOGRAPHICAL AND UTILITY SURVEY PREPARED BY TRUE NORTH SURVEYORS, P.C. OTHER UNDERGROUND UTILITIES BESIDES THOSE SHOWN (ELECTRIC, TELEPHONE, DUCT BANKS AND GAS PIPING, ETC.) ARE BELIEVED TO BE LOCATED IN EAST 28TH STREET AND PARK AVENUE SOUTH WITHIN THE FRONTAGE OF THE PROPERTY.

4. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL REQUEST CODE 53 OF THE AREA. ONCE ALL EXISTING UTILITIES ARE MARKED CONTRACTOR SHALL HAVE MEETING WITH ALL INVOLVED UTILITY AGENCIES, SUCH AS CON EDISON, NEW YORK TELEPHONE DEP. ETC., TO REVIEW HIS EXCAVATION PROCEDURES IN AND AROUND THESE EXISTING FACILITIES.

5. NEW DRILL-IN CONNECTION TO THE SEWER TO BE MADE IN ACCORDANCE WITH DEP. RULES.

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:15 AM

* THIS PLAN APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE ~~RELIED UPON, OR TO BE CONSIDERED~~ AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES. *

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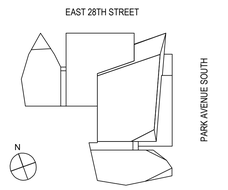
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

STATE OF NEW YORK
DOUGLAS C. HANDEL
No. 035577
REGISTERED PROFESSIONAL ENGINEER

DRAWING TITLE:
PLUMBING
UTILITY SITE PLAN

DRAWING NO:
P-002.00

NYC DOB NO: 121181808 | 2 of 43

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DEPT OF BLDGS 121181808 Job Number
ES3050616109 Scan Code

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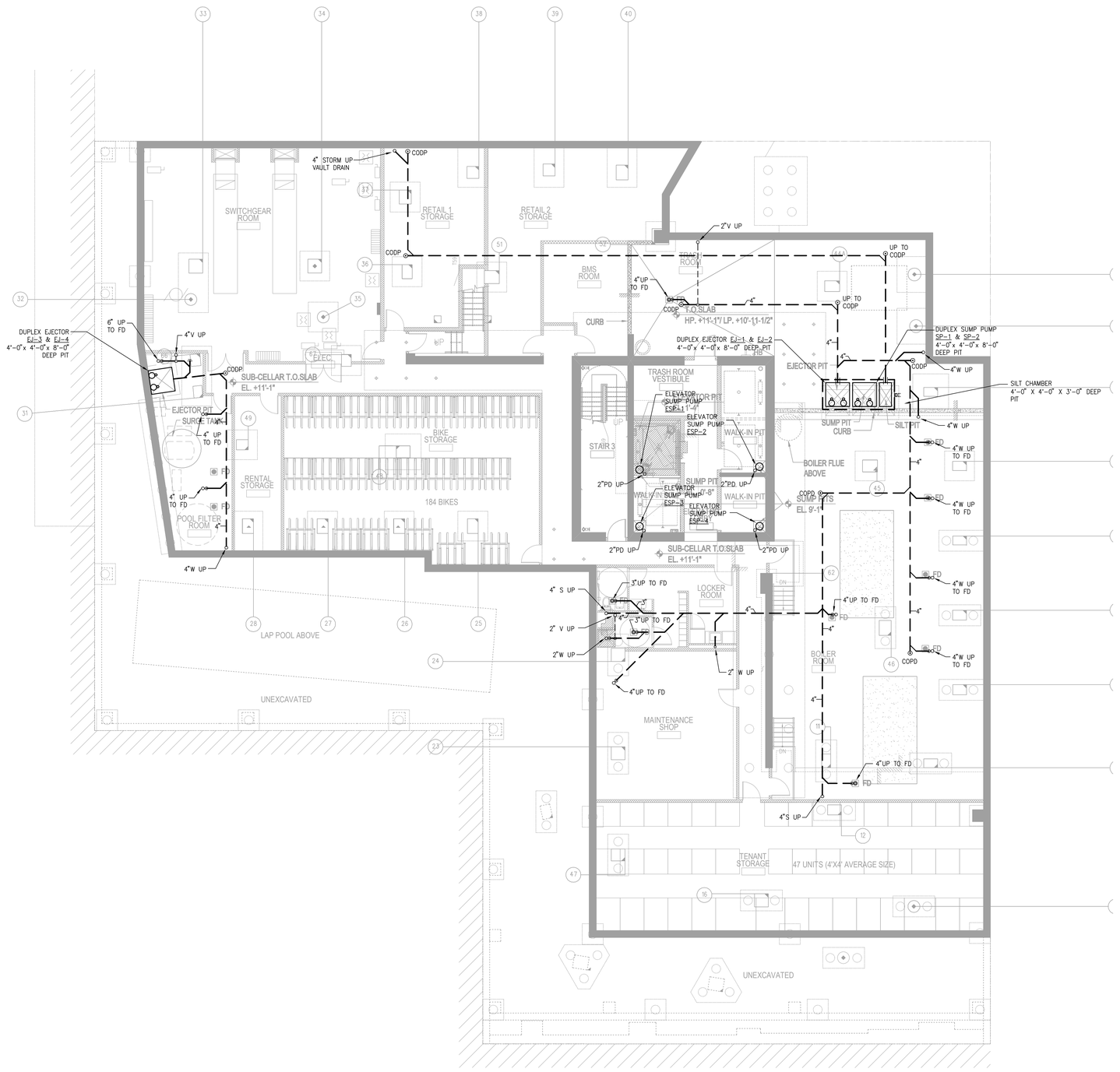

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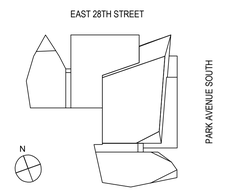
NO.	DATE	ISSUANCE
1	02.03.12	FOUNDATION PERMIT
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

PLUMBING DRAWING TITLE:
UNDERGROUND PIPING PLAN

DRAWING NO:

P-098.00

NYC DOB NO: 121181808 | 3 of 43

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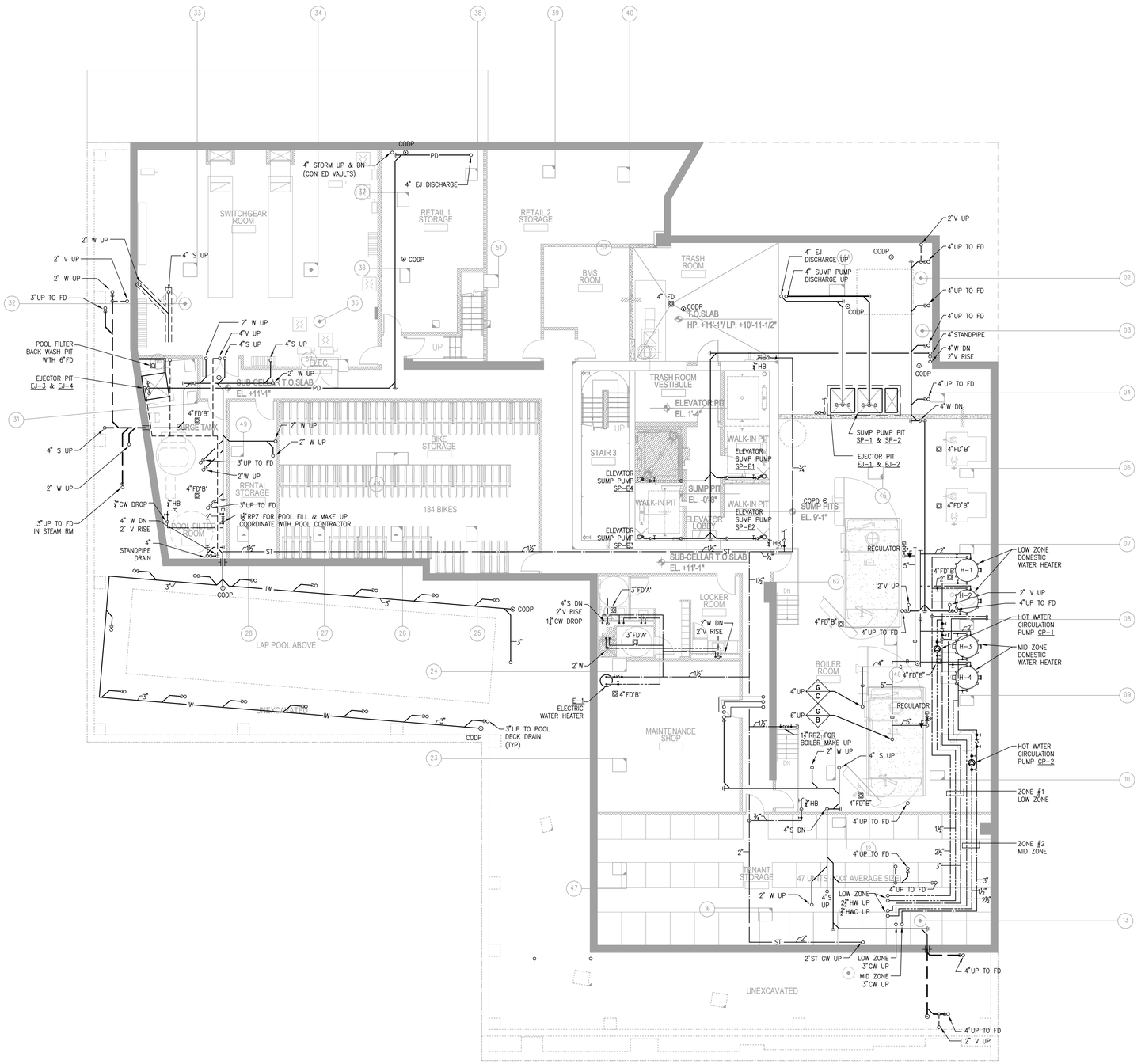

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NO.	DATE	ISSUANCE
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2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

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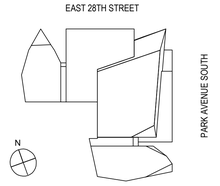

SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

PLUMBING DRAWING TITLE:
SUB-CELLAR PLAN

DRAWING NO:
P-099.00

NYC DOB NO: 121181808 | 4 of 43

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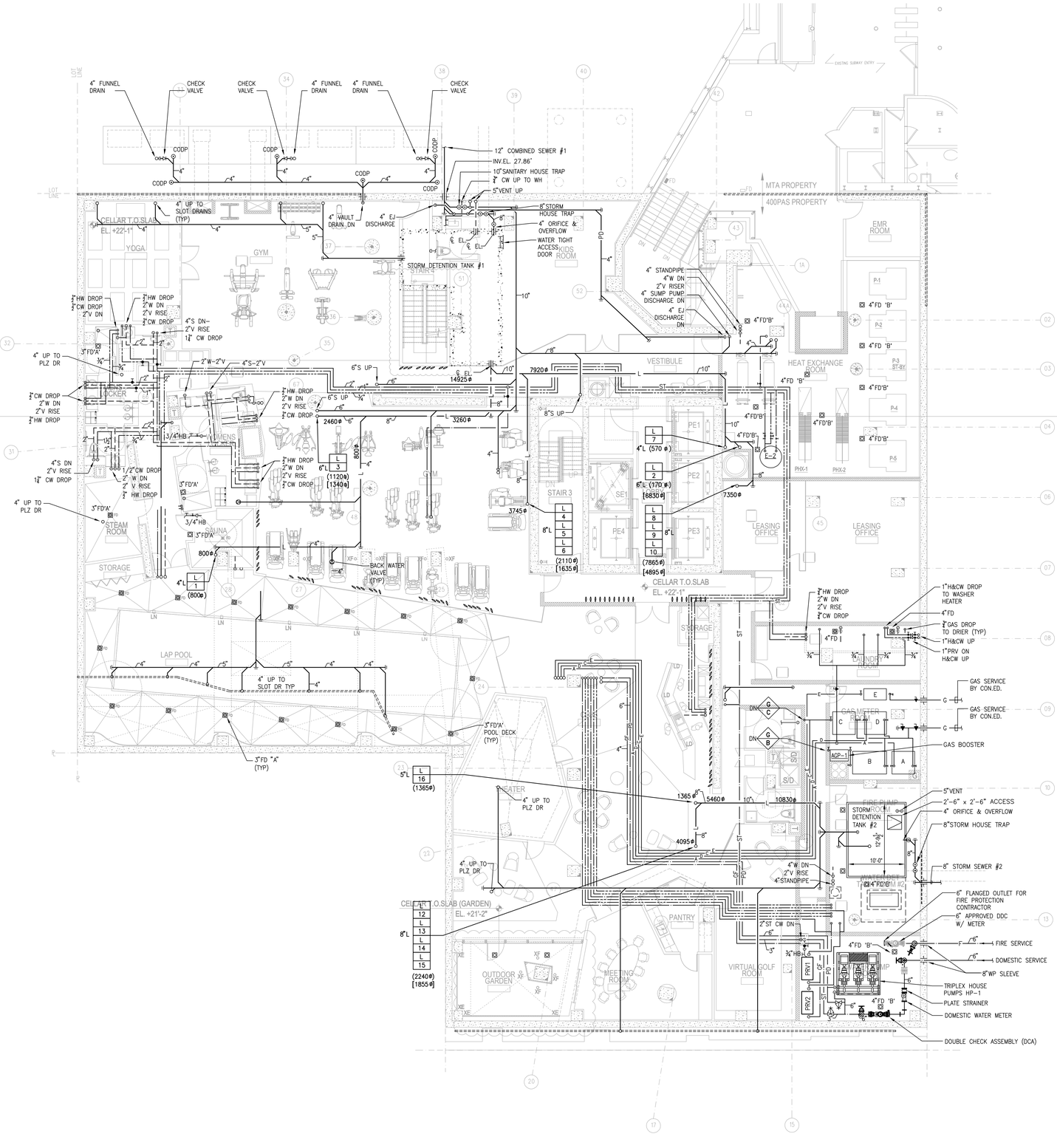

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B	HVAC BOILERS	20,920 CFH
C	DOMESTIC WATER HEATERS	3,596 CFH
D	HVAC UNIT HEATER/CHP METER (ROOF)	
E	EMERGENCY GENERATOR	5,507 CFH

Damian Titus

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Under Directive 2 of 1975

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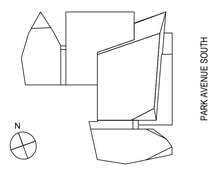

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PROJECT NO: 120071

SEAL & SIGNATURE

PLUMBING CELLAR PLAN

DRAWING TITLE:

DRAWING NO:

P-100.00

NYC DOB NO: 121181808 | 5 of 43

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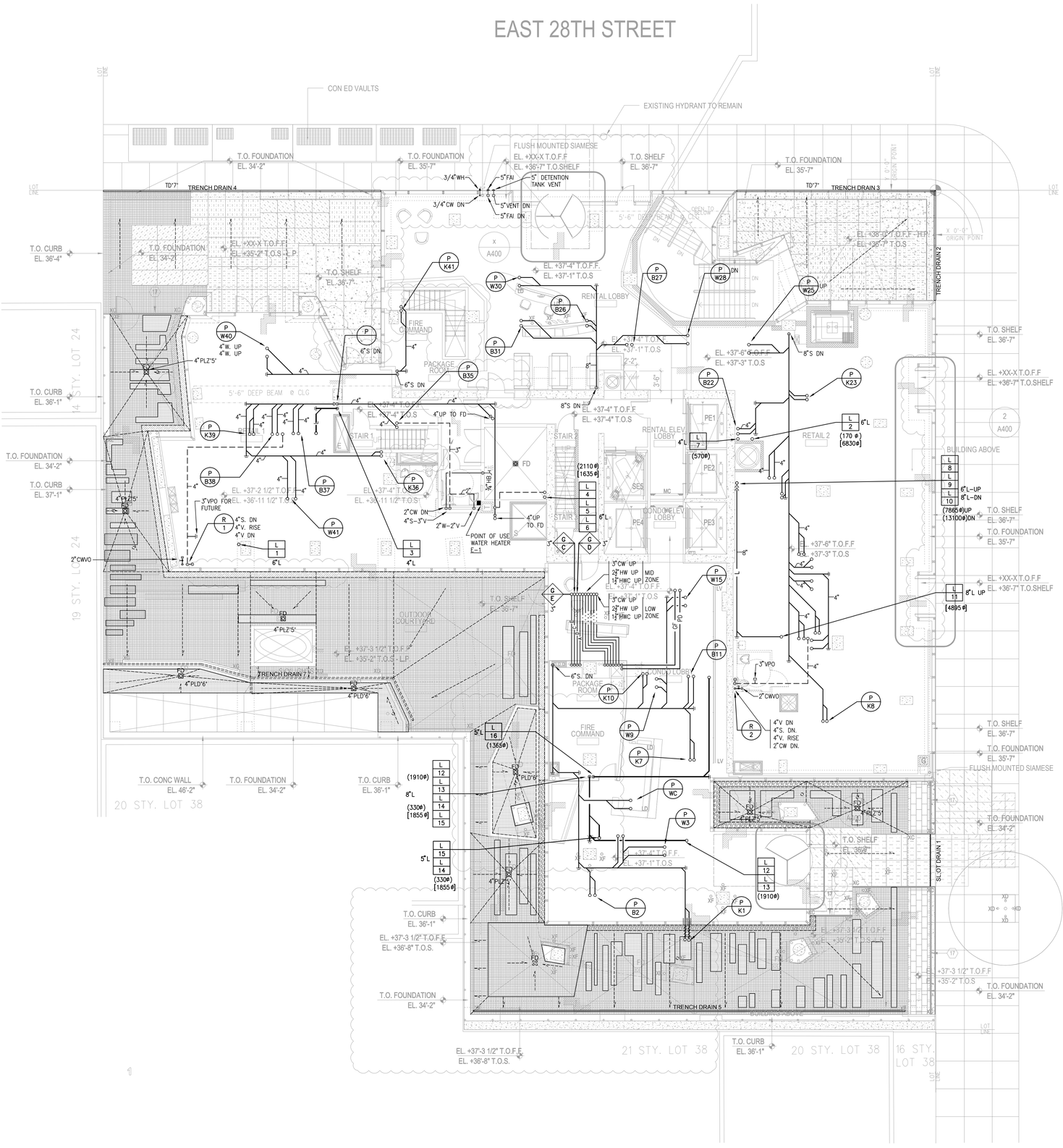

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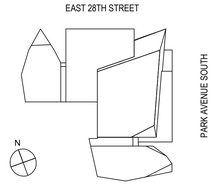
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

PLUMBING DRAWING TITLE:
1st FLOOR PLAN

DRAWING NO:
P-101.00

NYC DOB NO: 121181808 | 6 of 43

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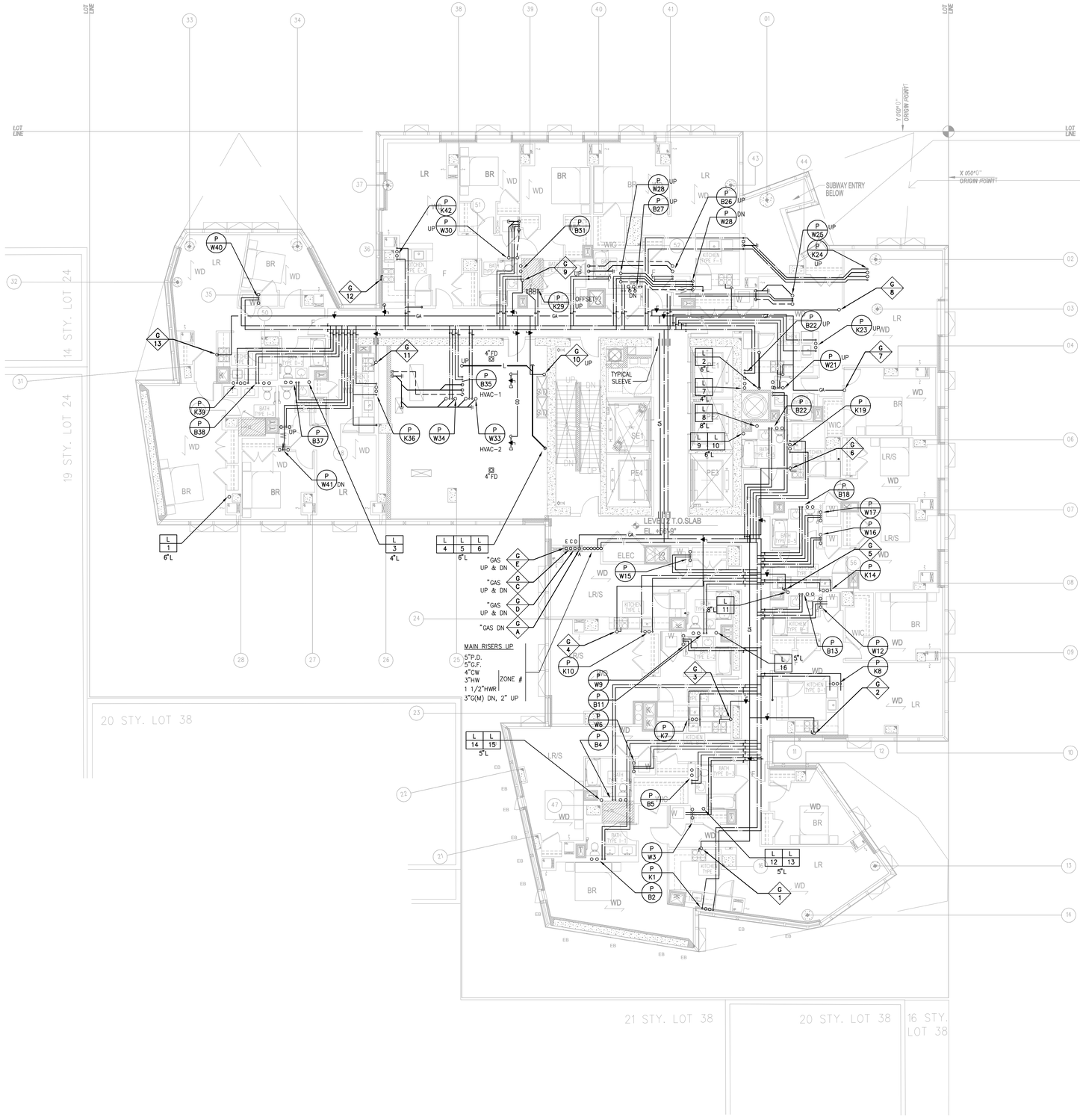

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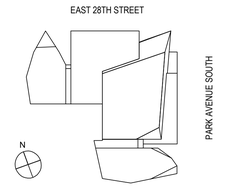

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PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:
PLUMBING
2nd FLOOR PLAN

DRAWING NO:
P-102.00

NYC DOB NO: 121181808 | 7 of 43

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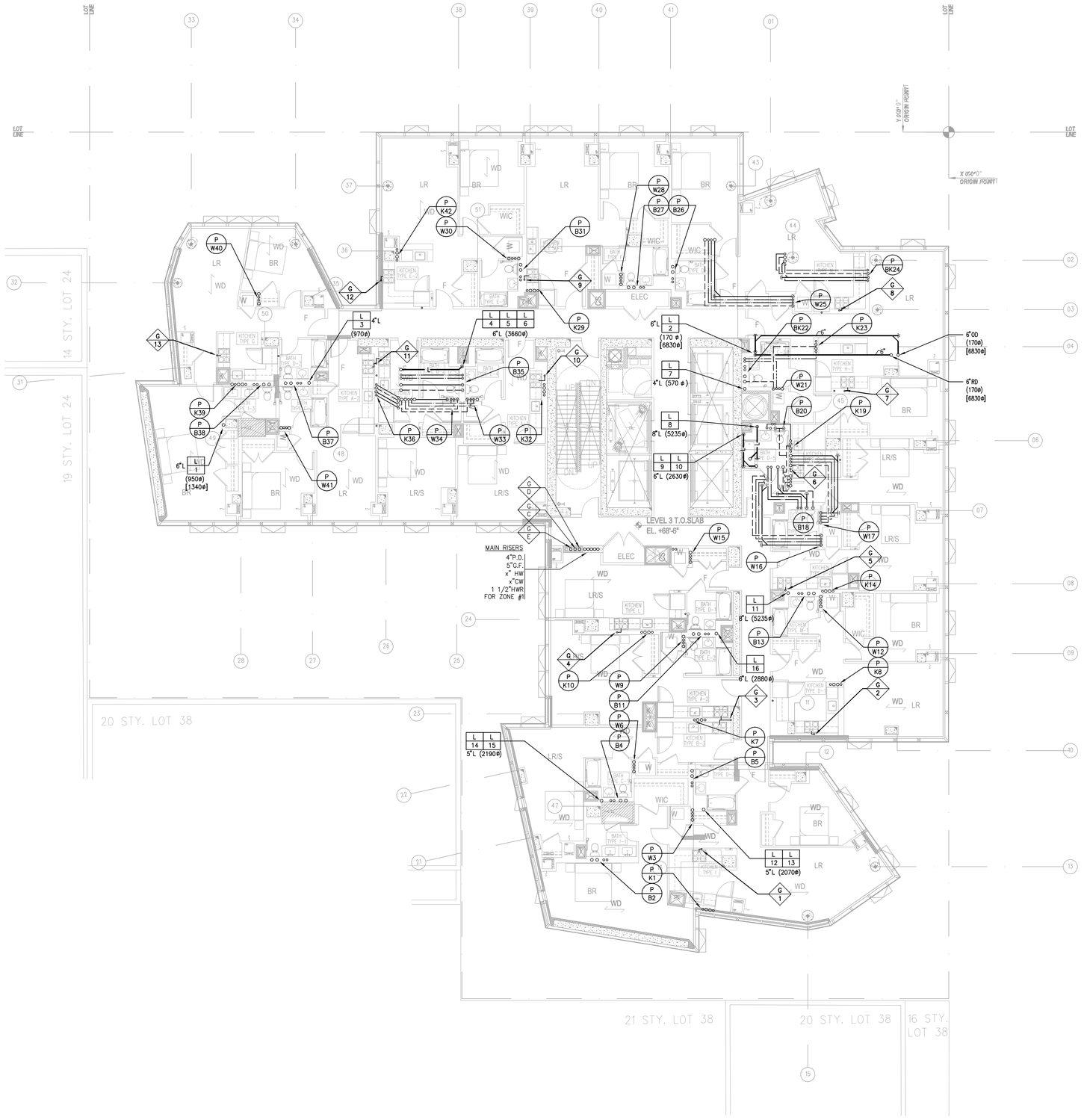

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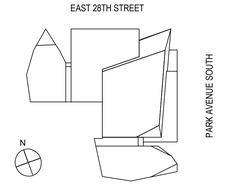
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



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PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:
PLUMBING
3rd-6th FLOOR PLAN

DRAWING NO:
P-103.00

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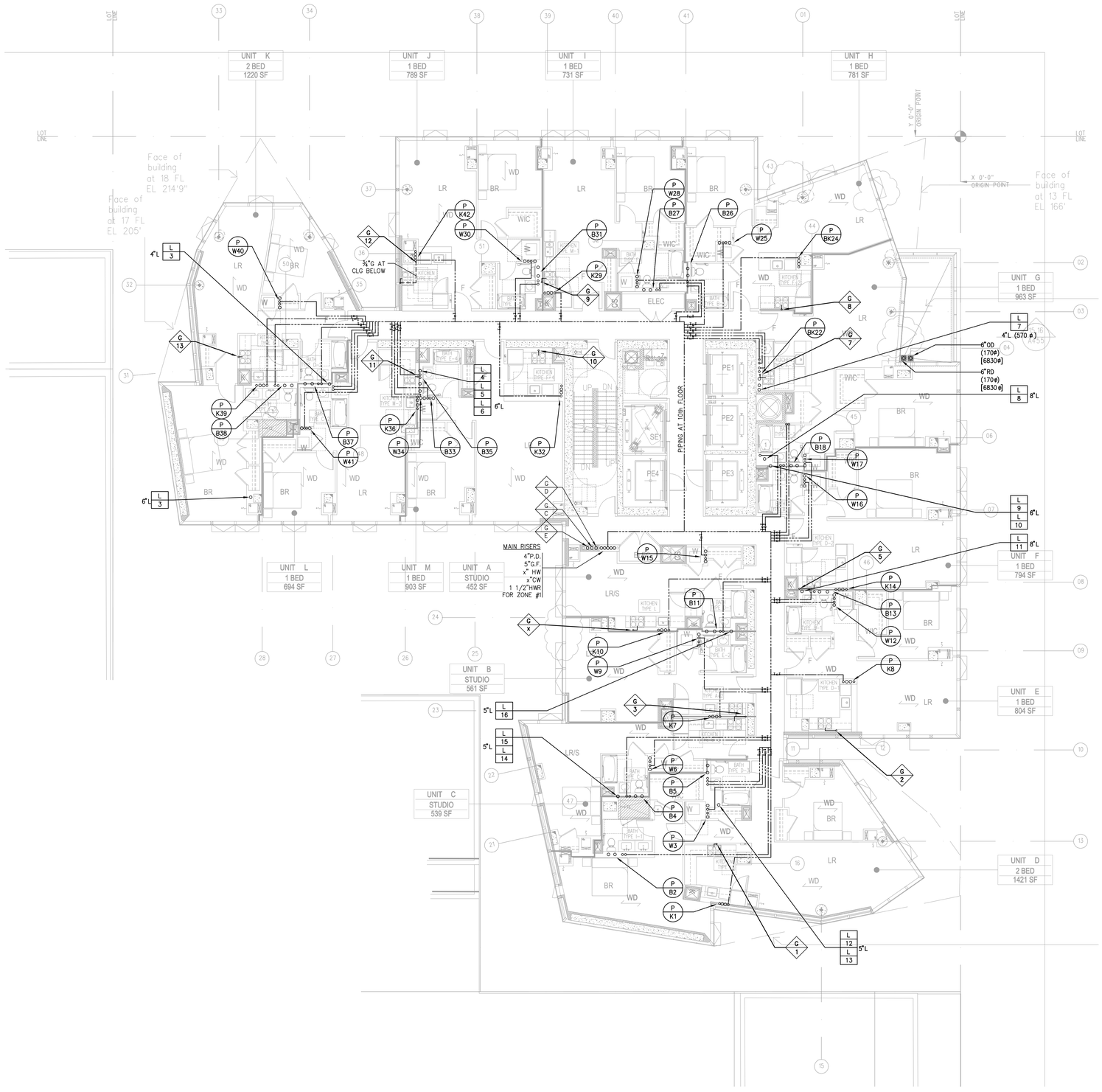

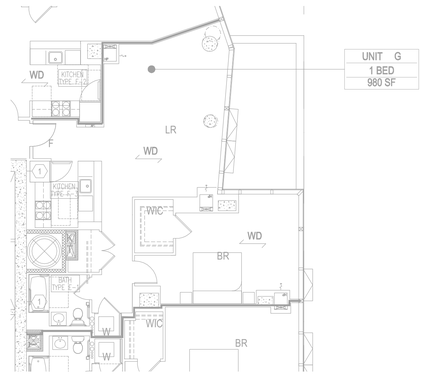

2 8-11TH FLOOR PLAN (PARTIAL)
SCALE: 1/8"= 1'-0"

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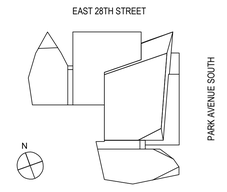

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PROJECT NO: 120071
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PLUMBING DRAWING TITLE:
7TH-11th FLOOR PLAN

DRAWING NO:
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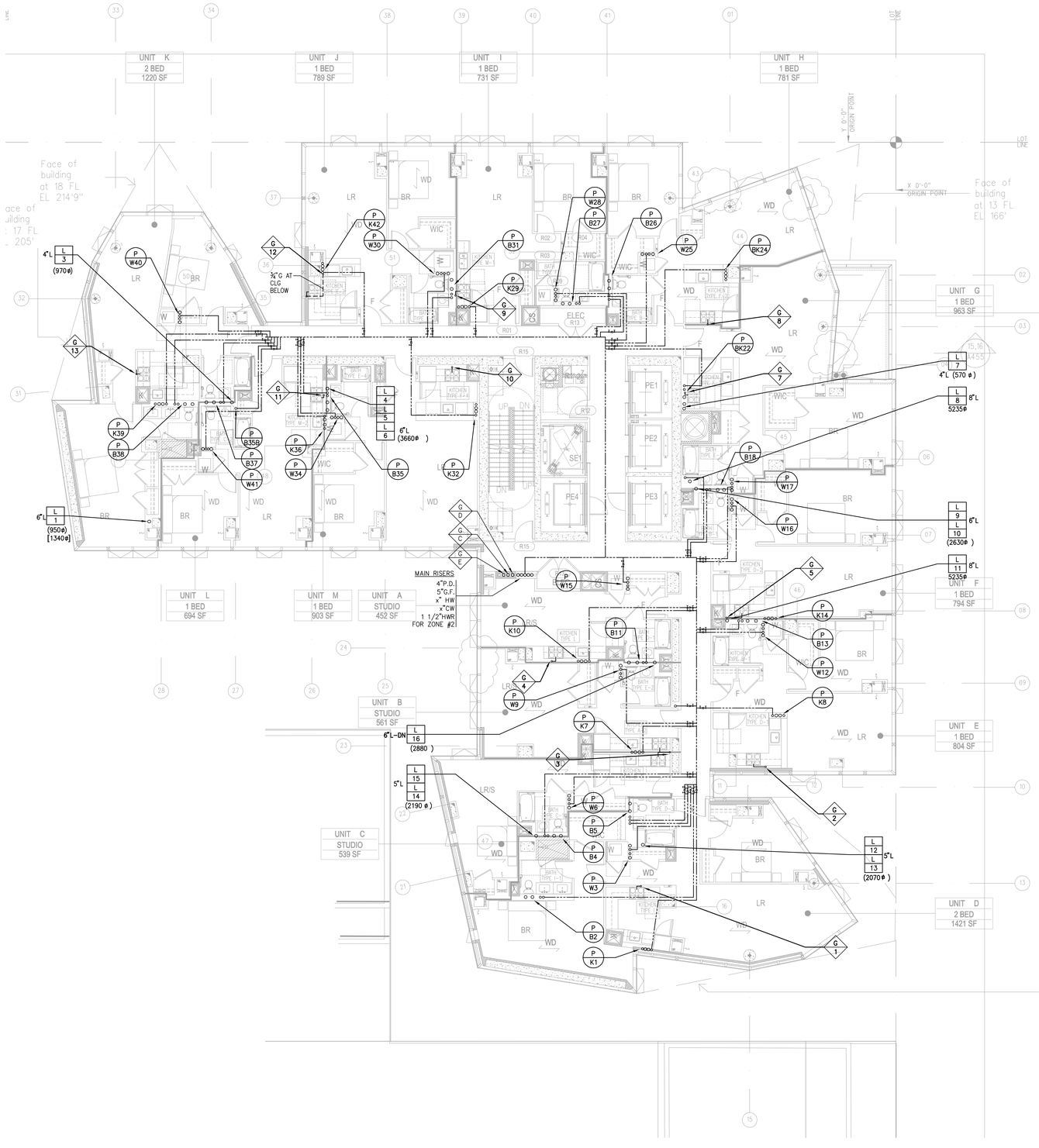

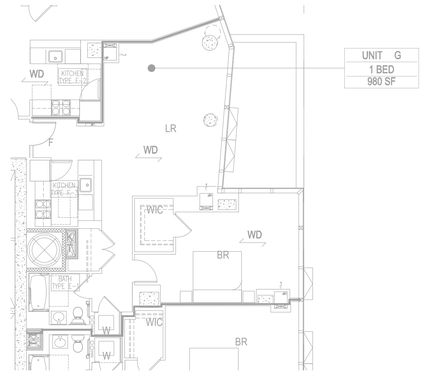

2 12TH FLOOR PLAN (PARTIAL)
SCALE: 1/8"= 1'-0"

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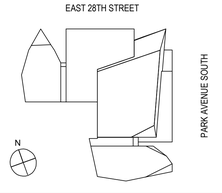
KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

PLUMBING
12th FLOOR PLAN
DRAWING TITLE:

DRAWING NO:
P-112.00

NYC DOB NO: 121181808 | 10 of 43

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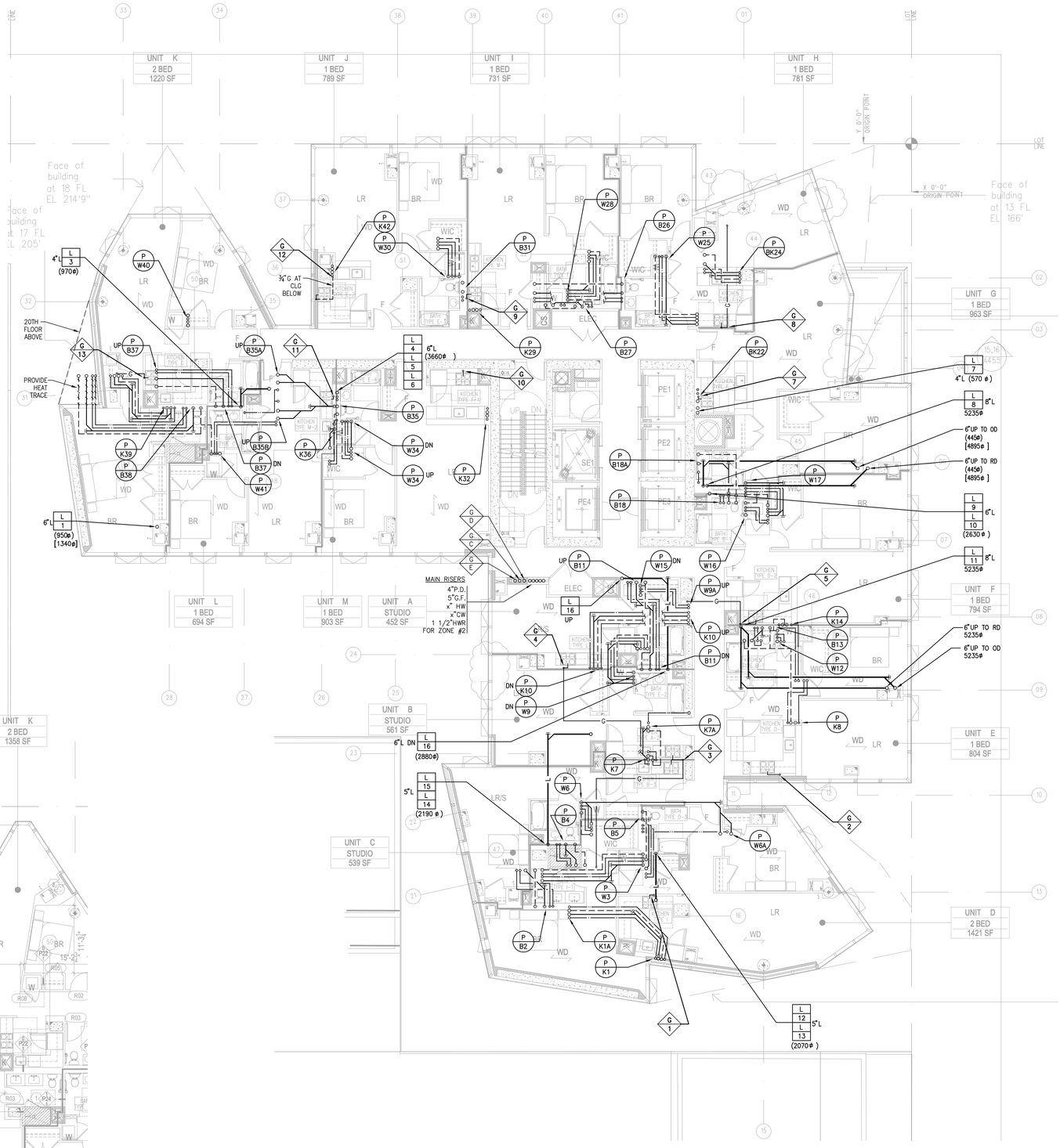

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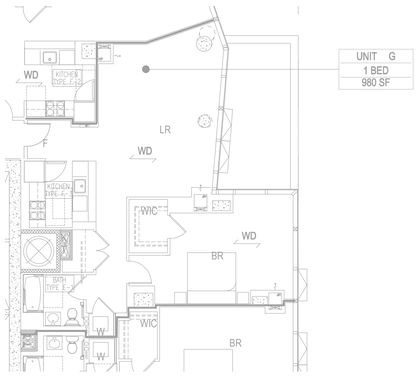

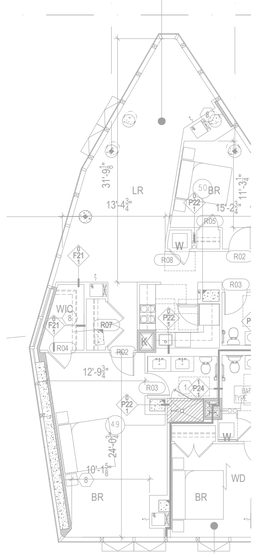

2 16TH-19TH FLOOR PLAN (PARTIAL)
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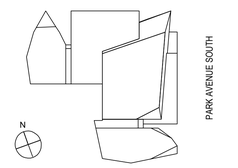
KEY PLAN



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13th-19th FLOOR PLAN

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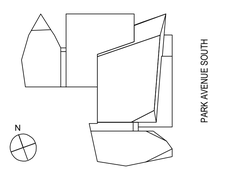

SCALE:

PROJECT NO: 120071

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PLUMBING
20TH FLOOR PLAN

DRAWING TITLE:

DRAWING NO:

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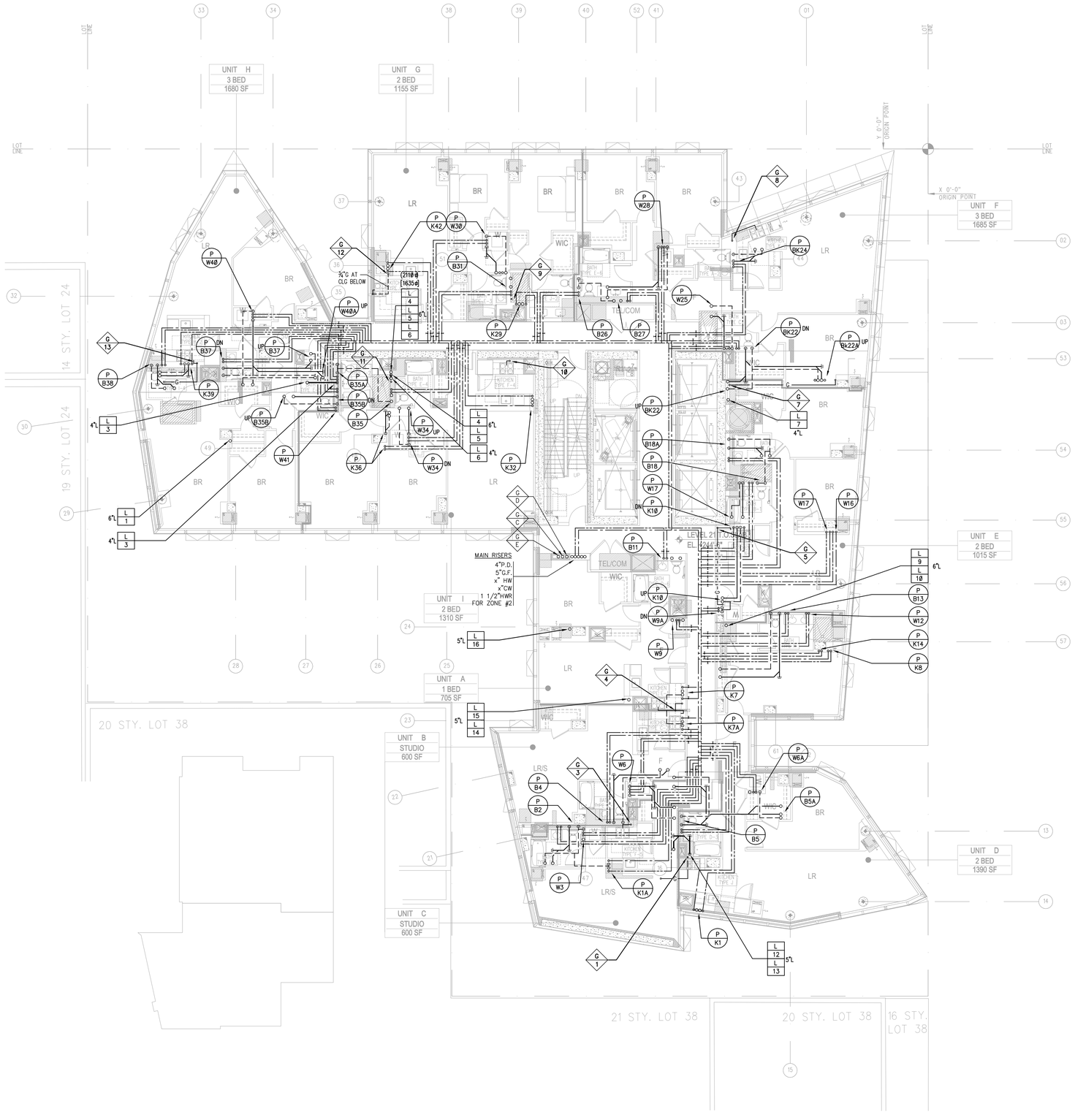

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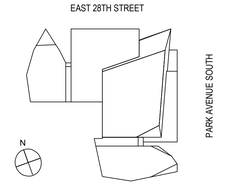
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



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PLUMBING DRAWING TITLE:
21ST-22ND FLOOR PLAN

DRAWING NO:
P-121.00

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3	06.15.12	CONSTRUCTION DOCUMENTS

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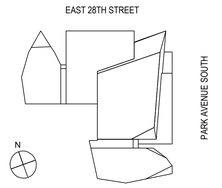

SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:
PLUMBING
23rd FLOOR PLAN

DRAWING NO:
P-123.00

NYC DOB NO: 121181808 | 14 of 43

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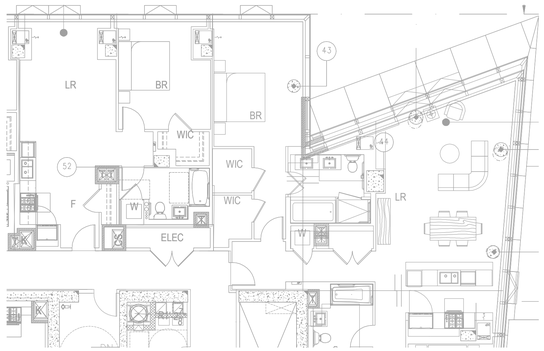
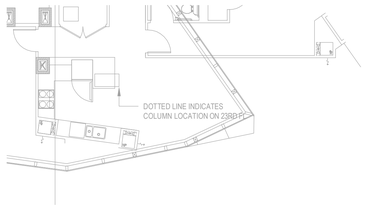


BATHROOM LAYOUT AT UNIT D
25TH & 26TH FLOORS.

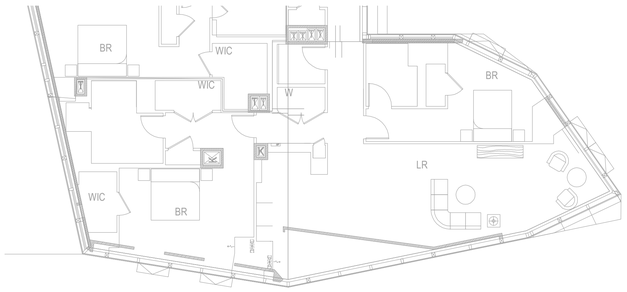
5 25TH & 26TH FLOORS - PART PLAN
SCALE: 1/8"= 1'-0"



KITCHEN LAYOUT AT UNIT B
25TH FLOORS.

4 25TH FLOOR - PART PLAN
SCALE: 1/8"= 1'-0"

3 25TH FLOOR - CORE PLAN
SCALE: 1/8"= 1'-0"



KITCHEN LAYOUT AT UNIT B
26TH FLOOR

2 26TH FLOOR - PART PLAN
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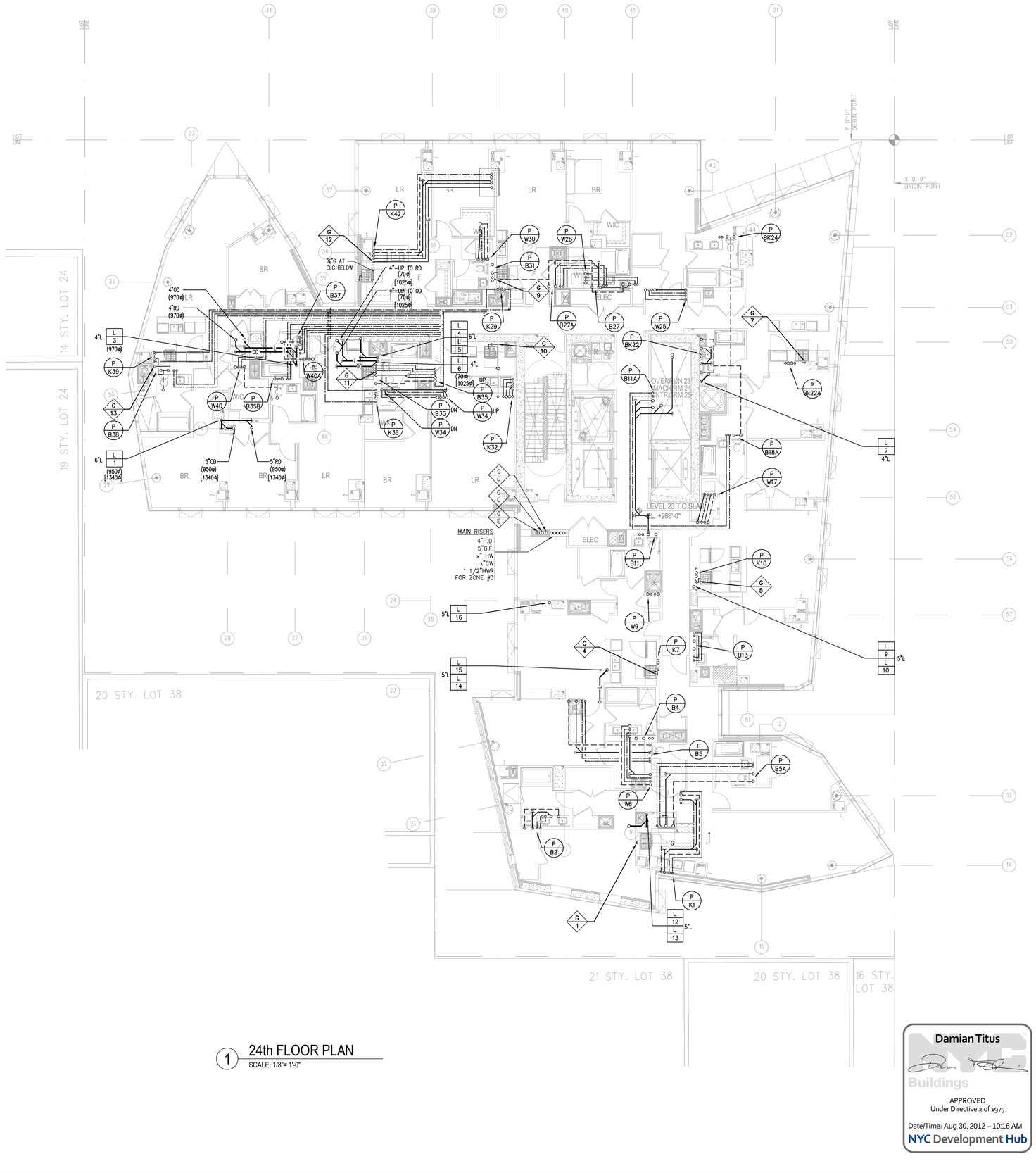

1 24th FLOOR PLAN
SCALE: 1/8"= 1'-0"

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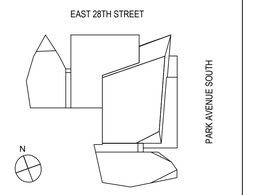

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PROJECT NO: 120071
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PLUMBING
24th FLOOR PLAN
(25th & 26th SIMILAR)

DRAWING TITLE:

DRAWING NO:

P-124.00

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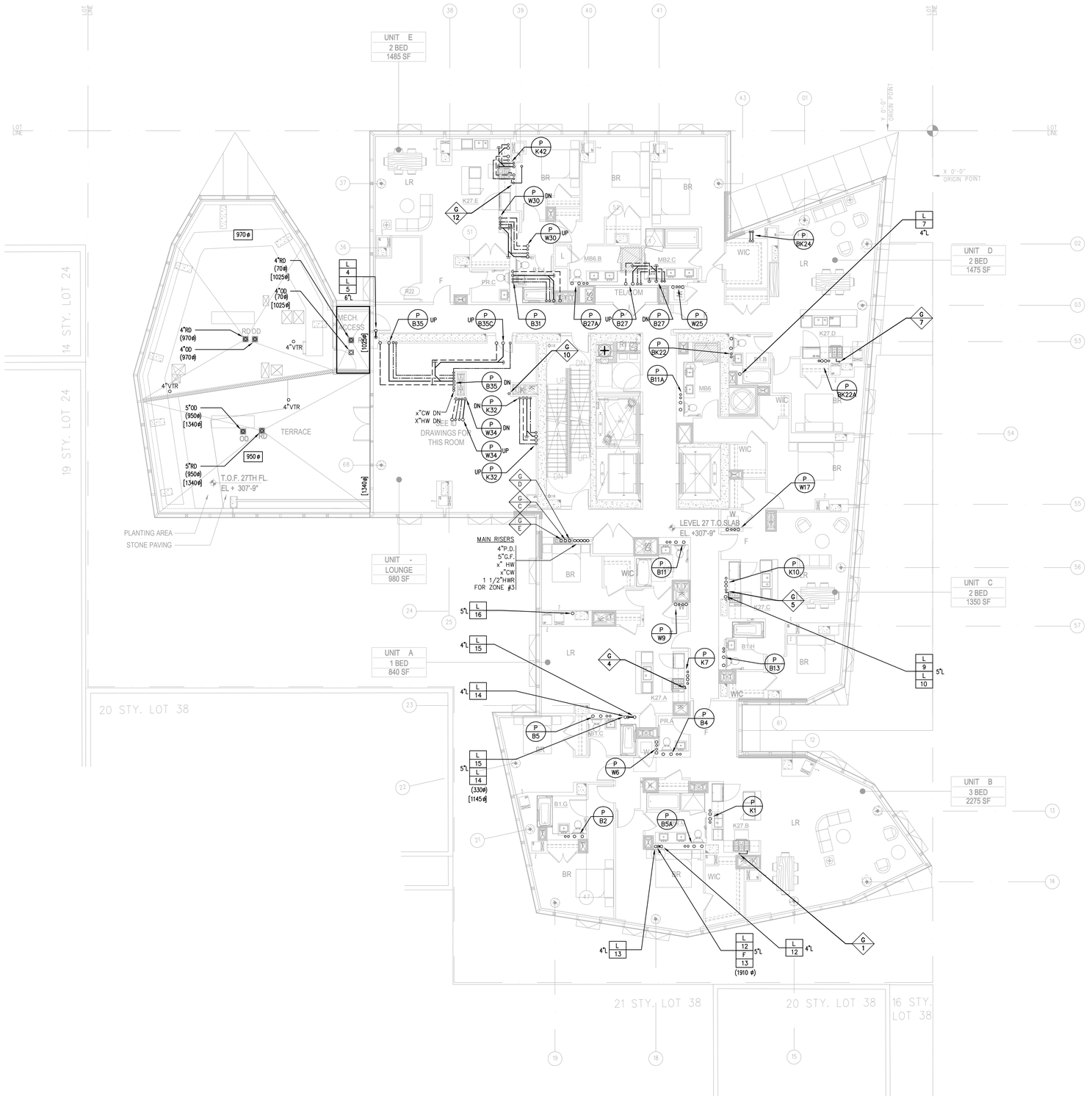

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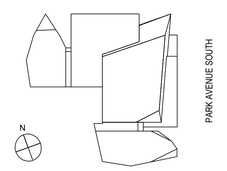

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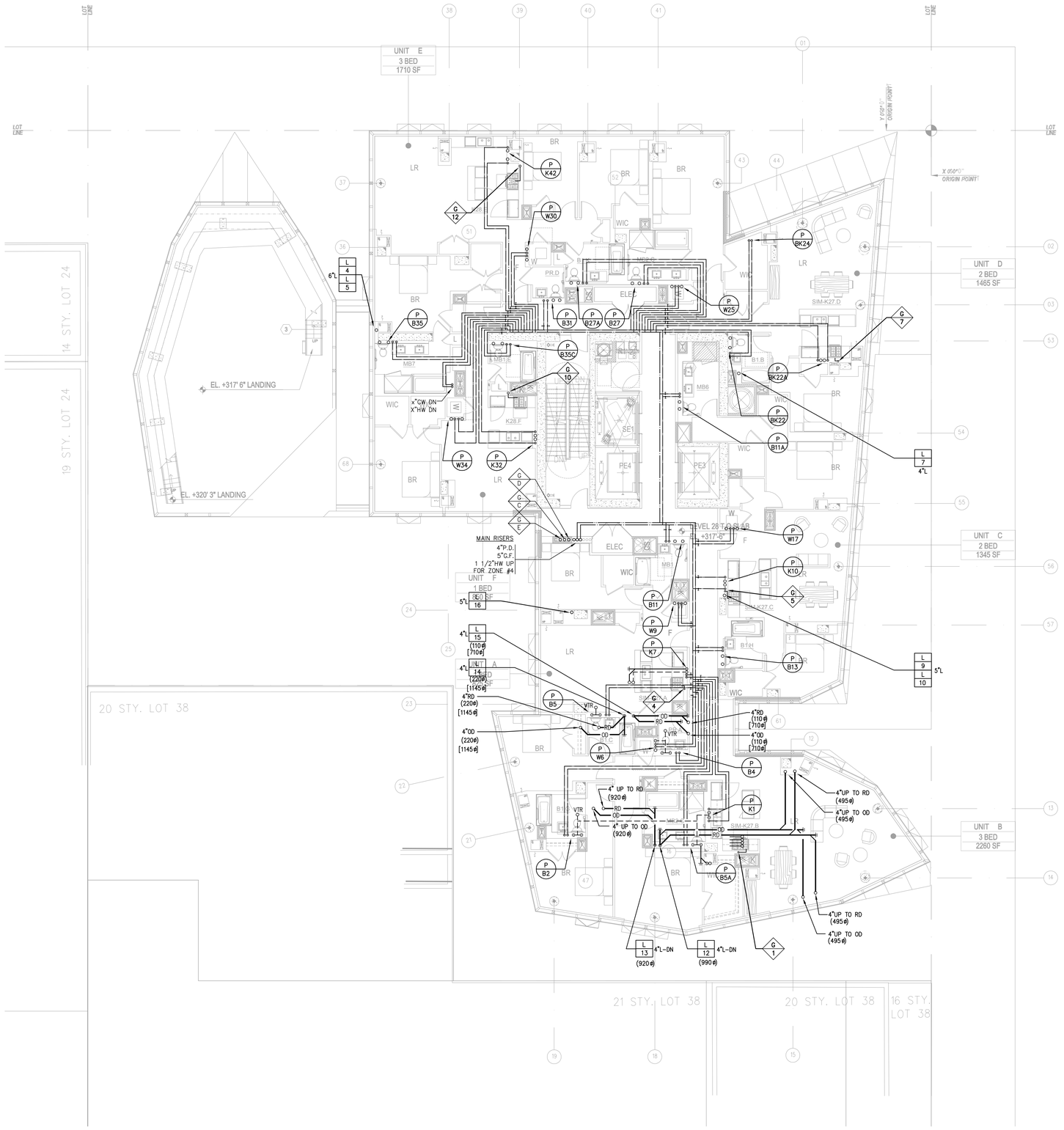

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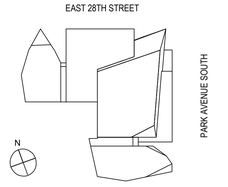

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PROJECT NO: 120071

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DRAWING TITLE:
28th-29th FLOOR PLAN

DRAWING NO:
P-128.00

NYC DOB NO: 121181808 | 17 of 43

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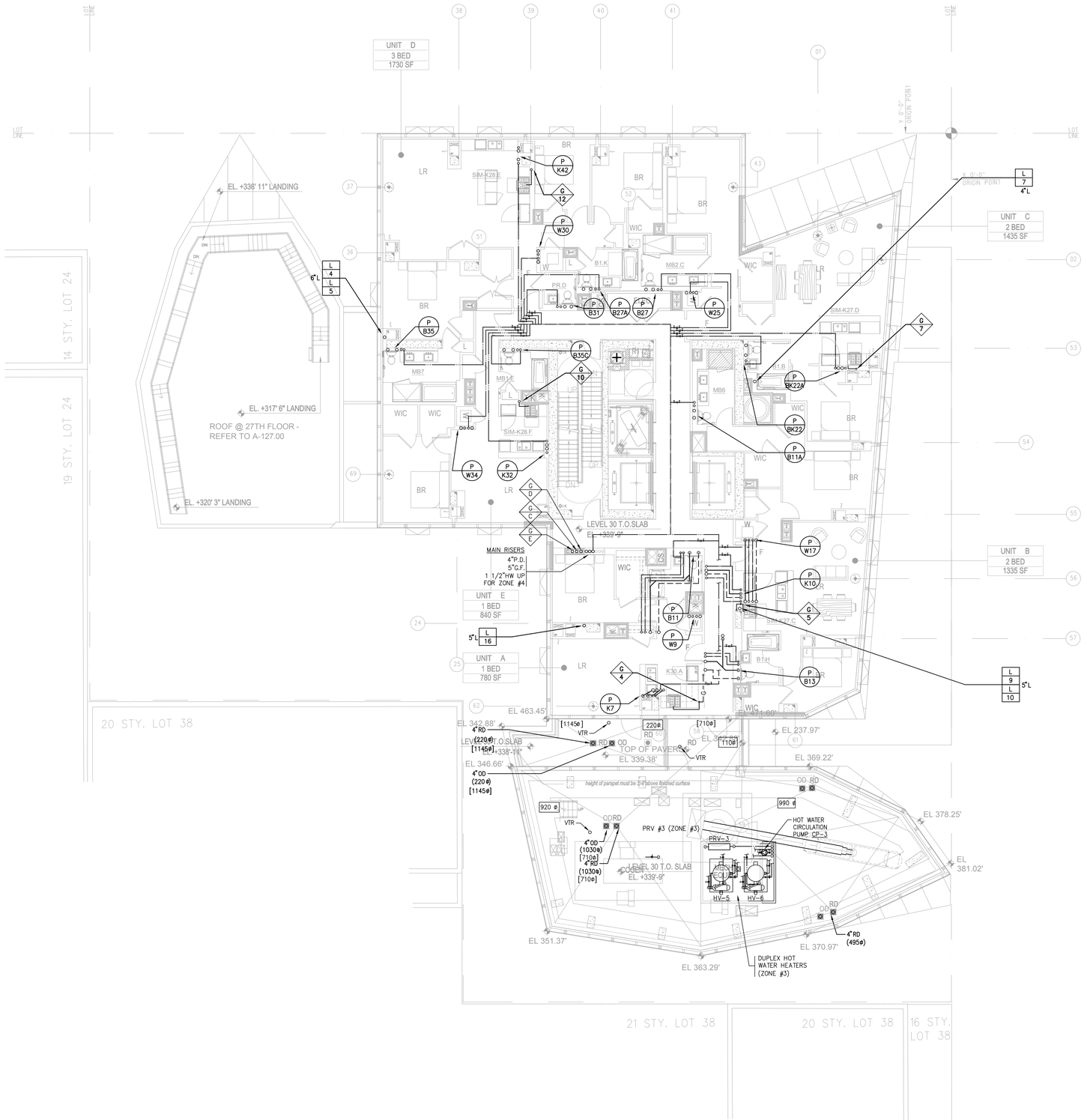

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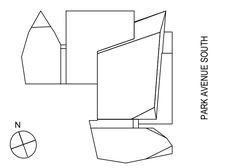
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



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PROJECT NO: 120071

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PLUMBING DRAWING TITLE:
30th FLOOR PLAN

DRAWING NO:
P-130.00

NYC DOB NO: 121181808 | 18 of 43

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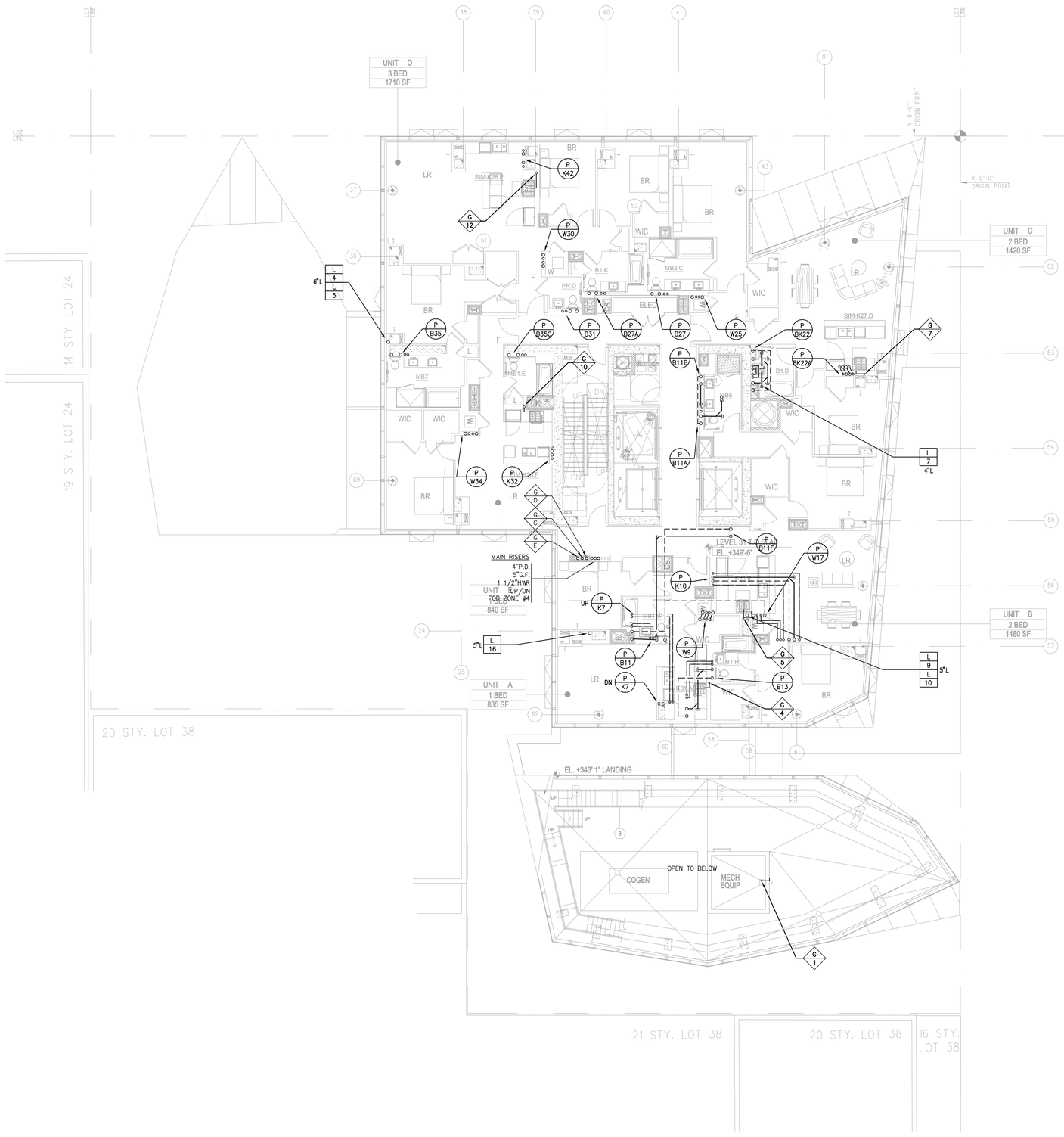
ES100005678 Scan Code



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3	06.15.12	CONSTRUCTION DOCUMENTS

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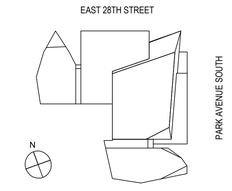

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PROJECT NO: 120071
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PLUMBING DRAWING TITLE:
31st-36th FLOOR PLAN

DRAWING NO:
P-131.00

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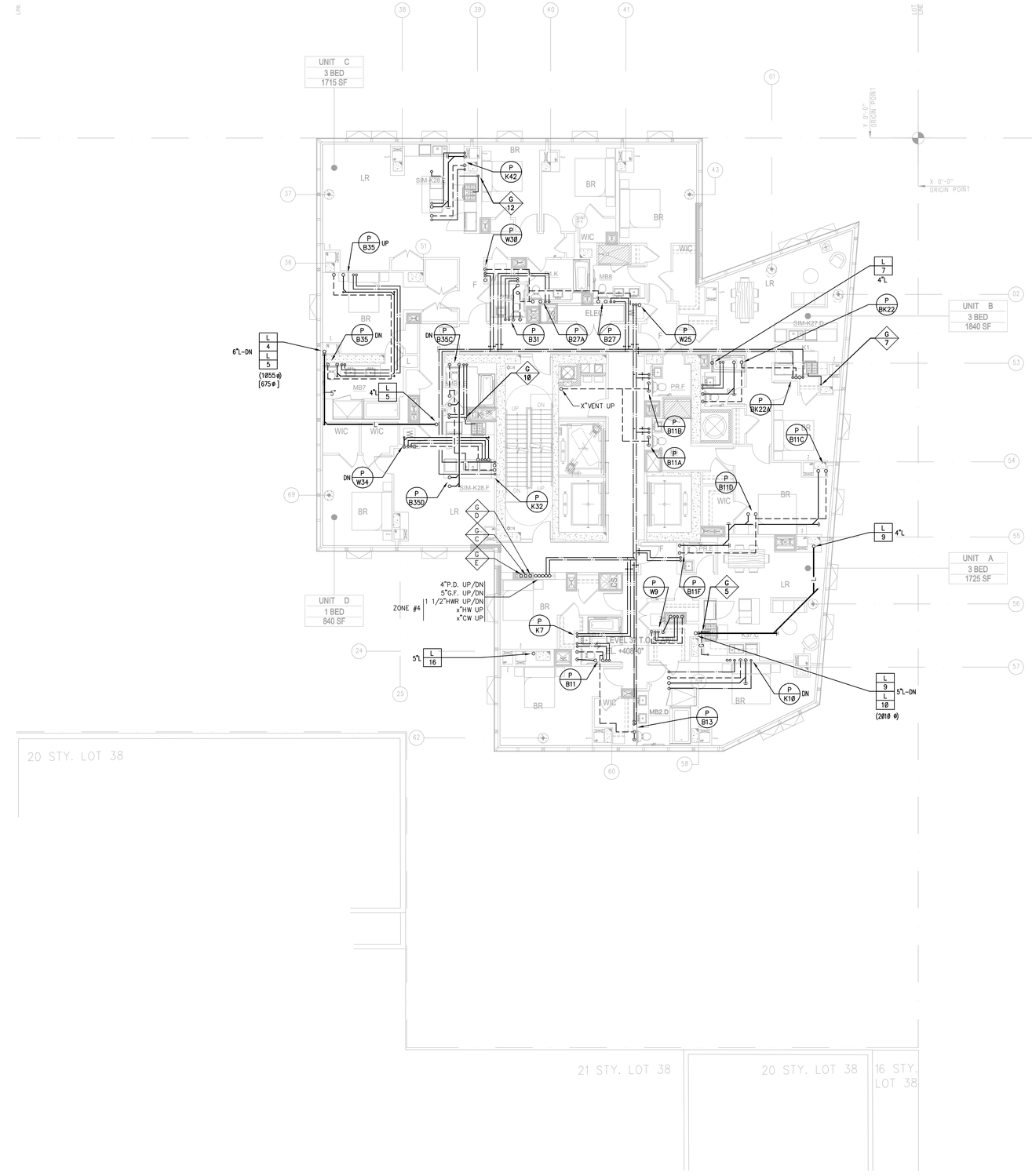

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2	05.15.12	80% CDS / GMP SET
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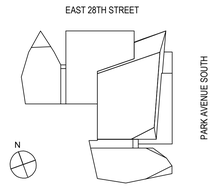
KEY PLAN



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PROJECT NO: 120071

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PLUMBING DRAWING TITLE:

37th-38th FLOOR PLAN

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P-137.00

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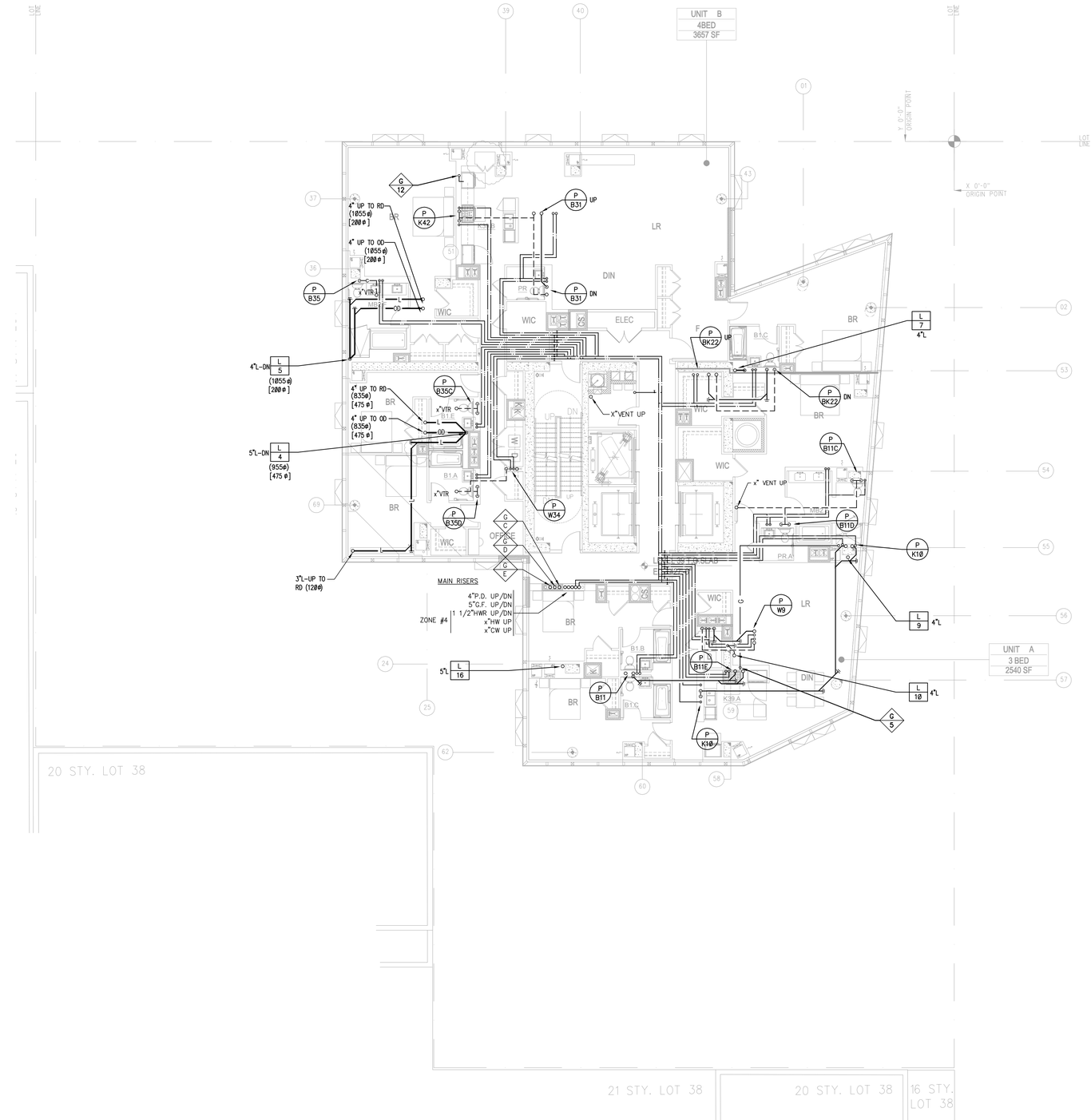

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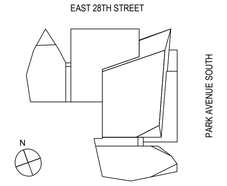

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PROJECT NO: 120071
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DRAWING TITLE:
PLUMBING
39th FLOOR PLAN

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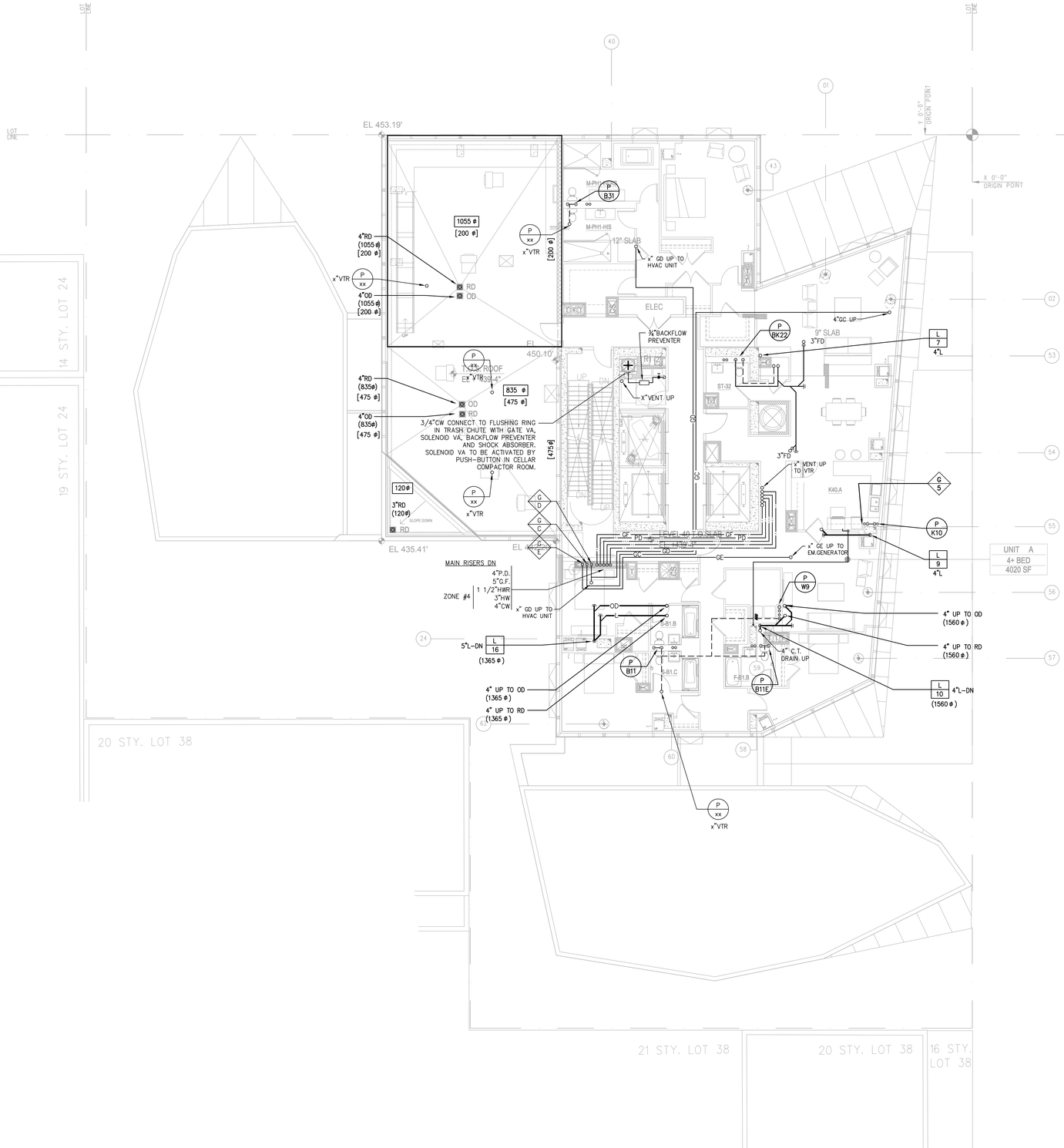

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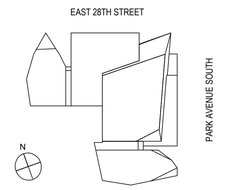

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PROJECT NO: 120071

SEAL & SIGNATURE

Damian Titus

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Under Directive 2 of 1975
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40th FLOOR PLAN
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DRAWING NO:

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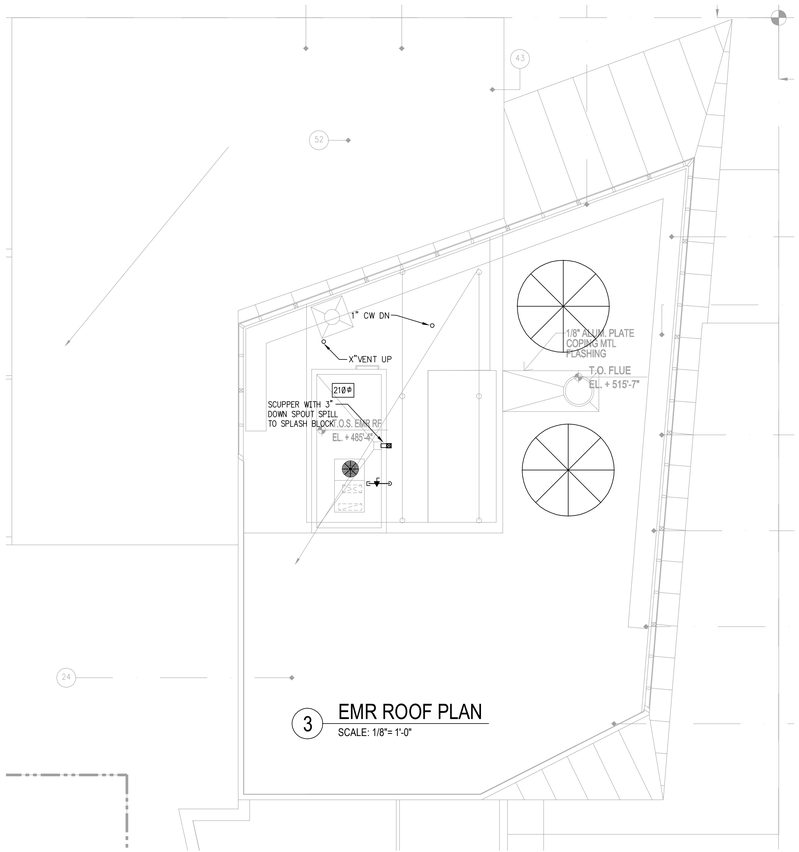
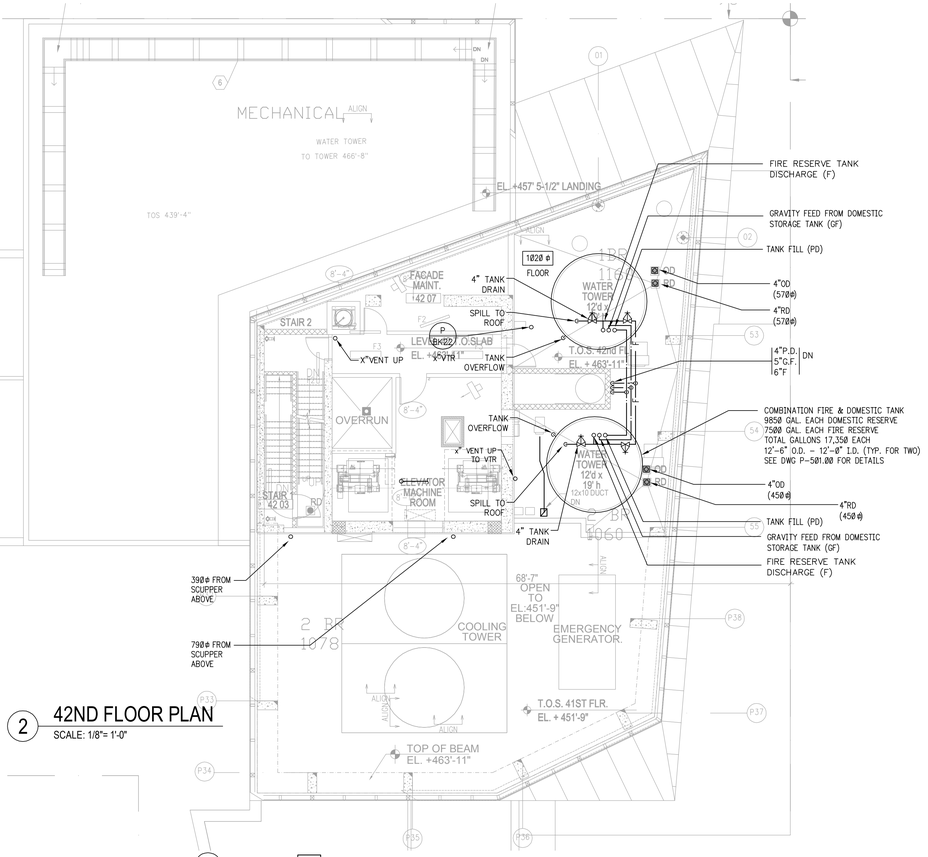


3 EMR ROOF PLAN
SCALE: 1/8"= 1'-0"



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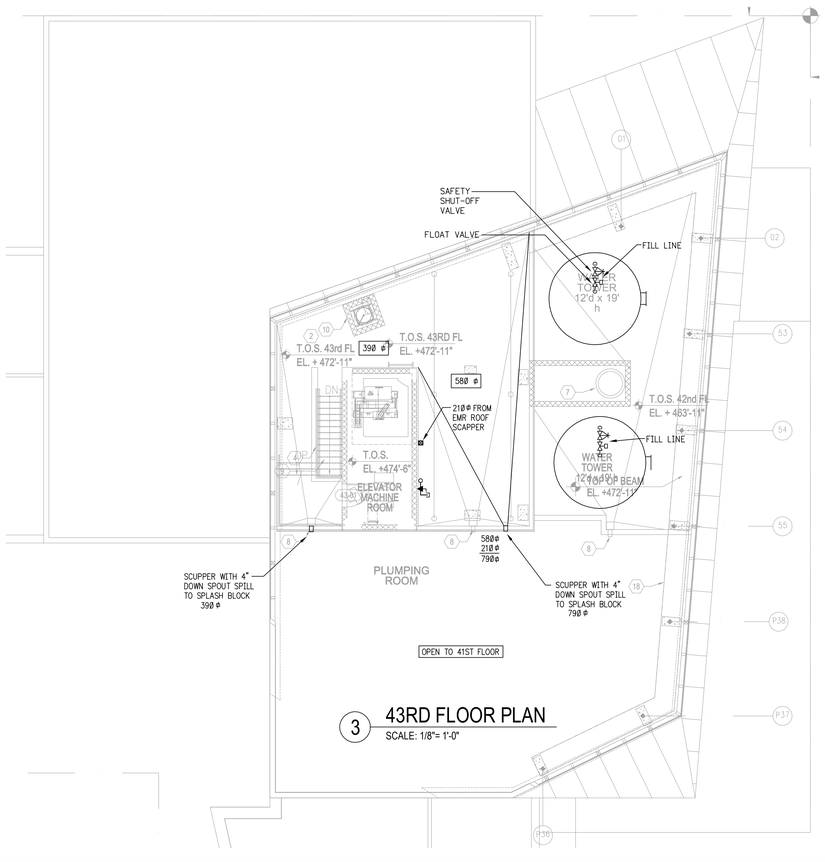
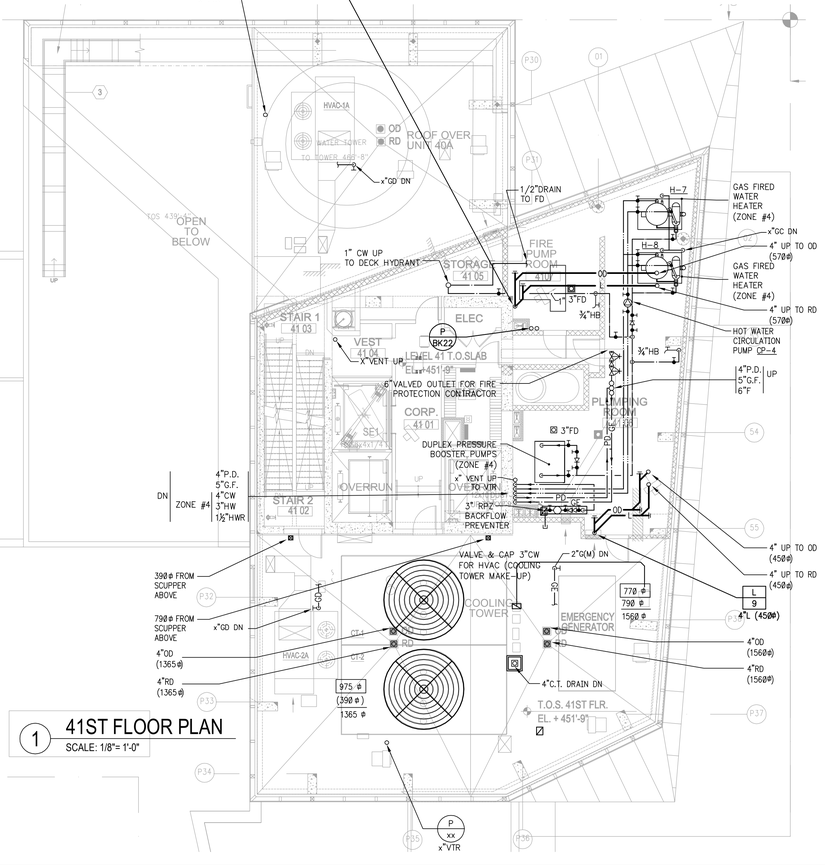


3 43RD FLOOR PLAN
SCALE: 1/8"= 1'-0"



1 41ST FLOOR PLAN
SCALE: 1/8"= 1'-0"

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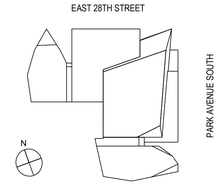
KEY PLAN



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PROJECT NO: 120071

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PLUMBING

DRAWING TITLE:
41ST, 42ND, 43RD & EMR ROOF PLANS

DRAWING NO:
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NYC DOB NO: 121181808 | 23 of 43

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ES6033311219 Scan Code

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level 20
EL 234’9”

level 19
EL 224’6”

level 18
EL 214’9”

level 17
EL 205’

level 16
EL 195’3”

level 15
EL 185’6”

level 14
EL 175’9”

level 13
EL 166’

level 12
EL 156’3”

level 11
EL 146’6”

level 10
EL 136’9”

level 9
EL 127’

level 8
EL 117’3”

level 7
EL 107’6”

level 6
EL 97’9”

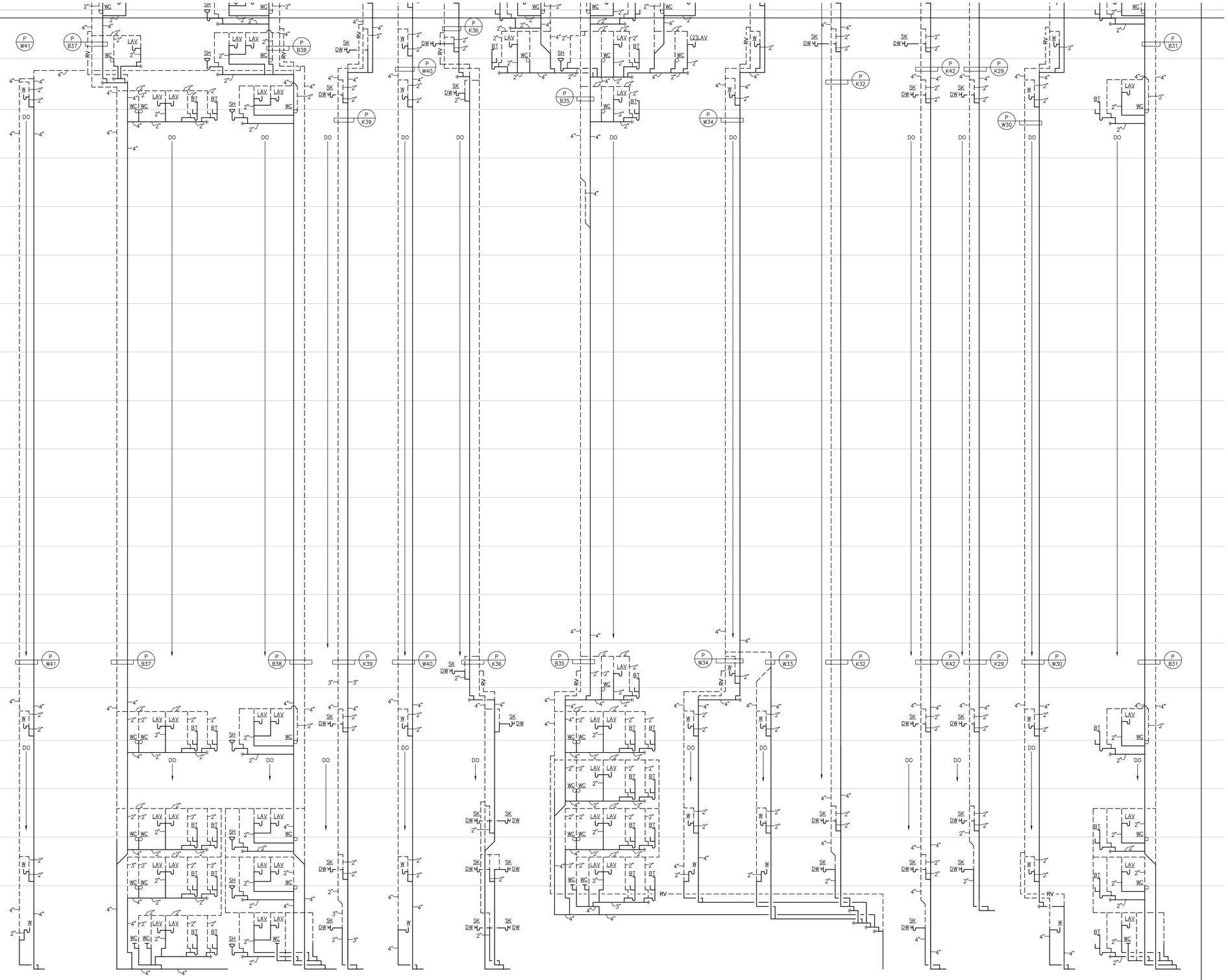
level 5
EL 88’

level 4
EL 78’3”

level 3
EL 68’6”

level 2
EL 56’9”

level 1(LOBBY)



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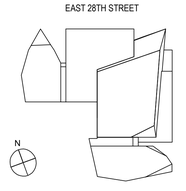

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PROJECT NO: 120071

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SANITARY RISER
DIAGRAM

DRAWING NO:
P-301.00

NYC DOB NO: 121181808 | 24 of 43

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ES1526A2513 Scan Code

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level 19
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level 18
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level 16
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level 13
EL 166'

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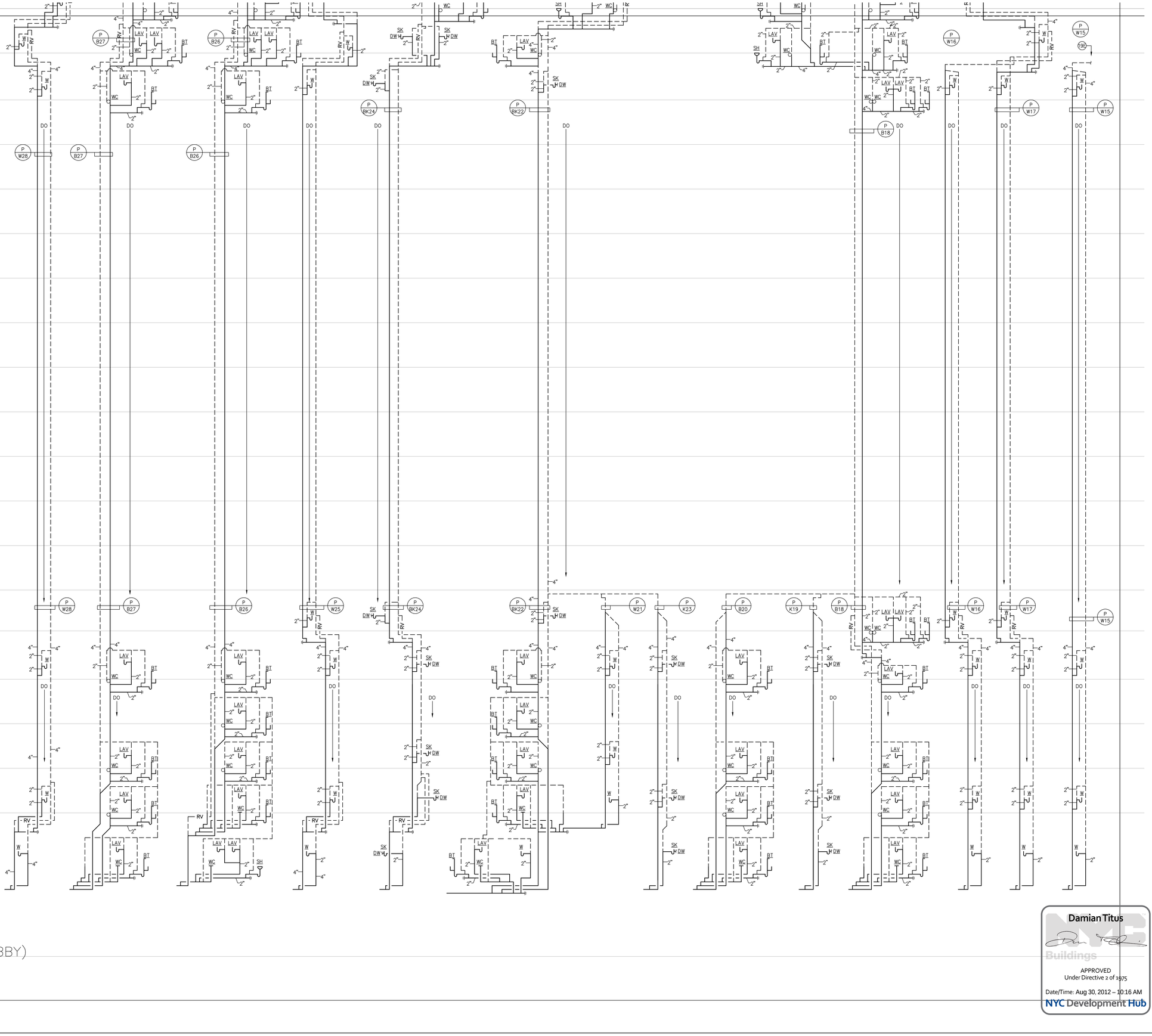
level 2
EL 56'9"

level 1(LOBBY)



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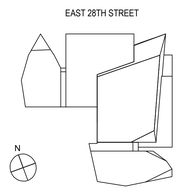

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PROJECT NO: 120071
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DIAGRAM

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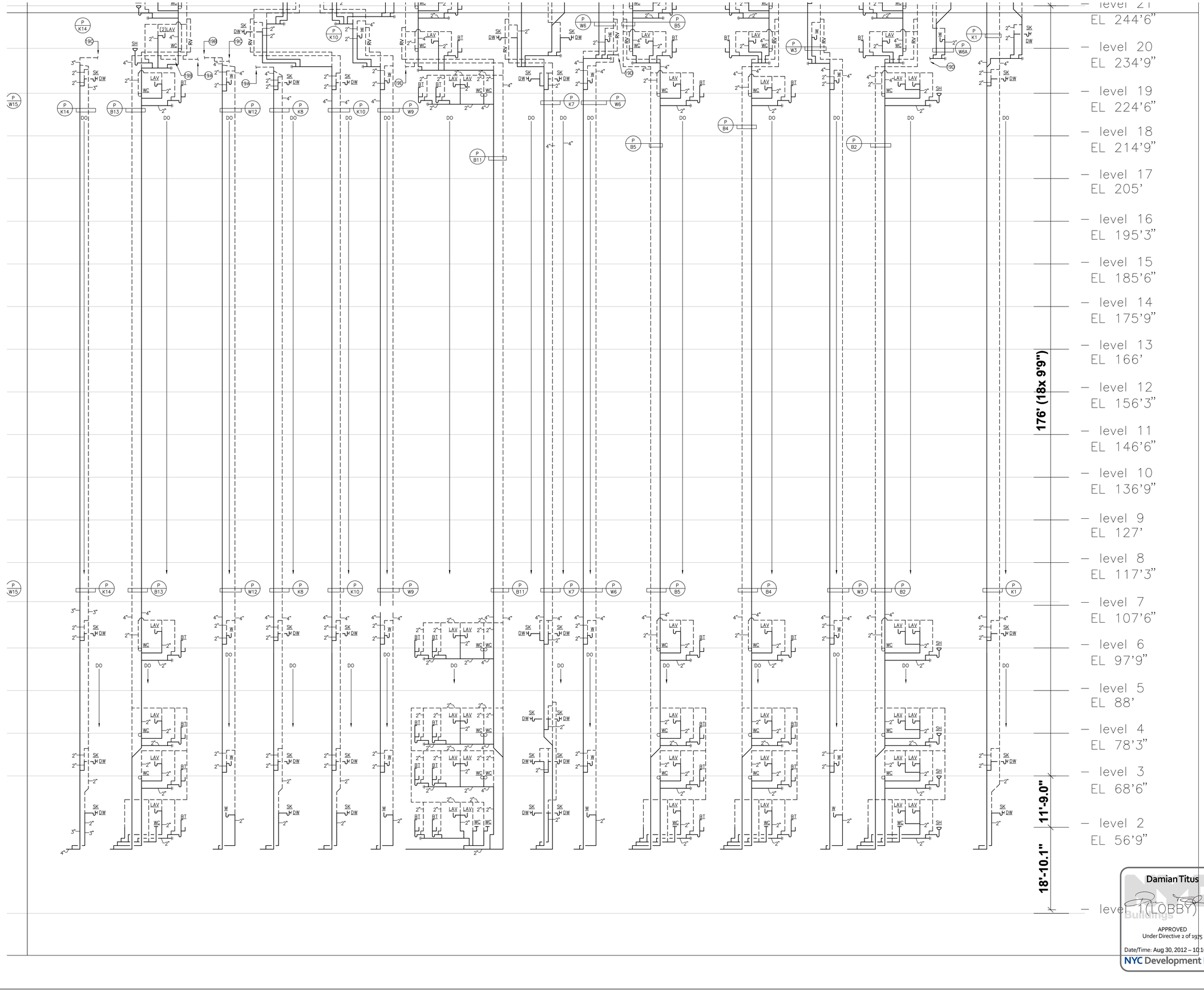

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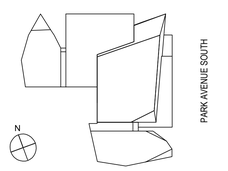

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DRAWING NO:
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mechanicals
EL 451'9"
level 43
level 42
level 41
EL 451'9"
level 40
EL 439'4"
level 39
EL 427'6"
level 38
EL 417'9"
level 37
EL 408'
level 36
EL 398'3"
level 35
EL 388'6"
level 34
EL 378'9"
level 33
EL 369'
level 32
EL 359'3"
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level 30
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level 27
EL 307'9"
level 26
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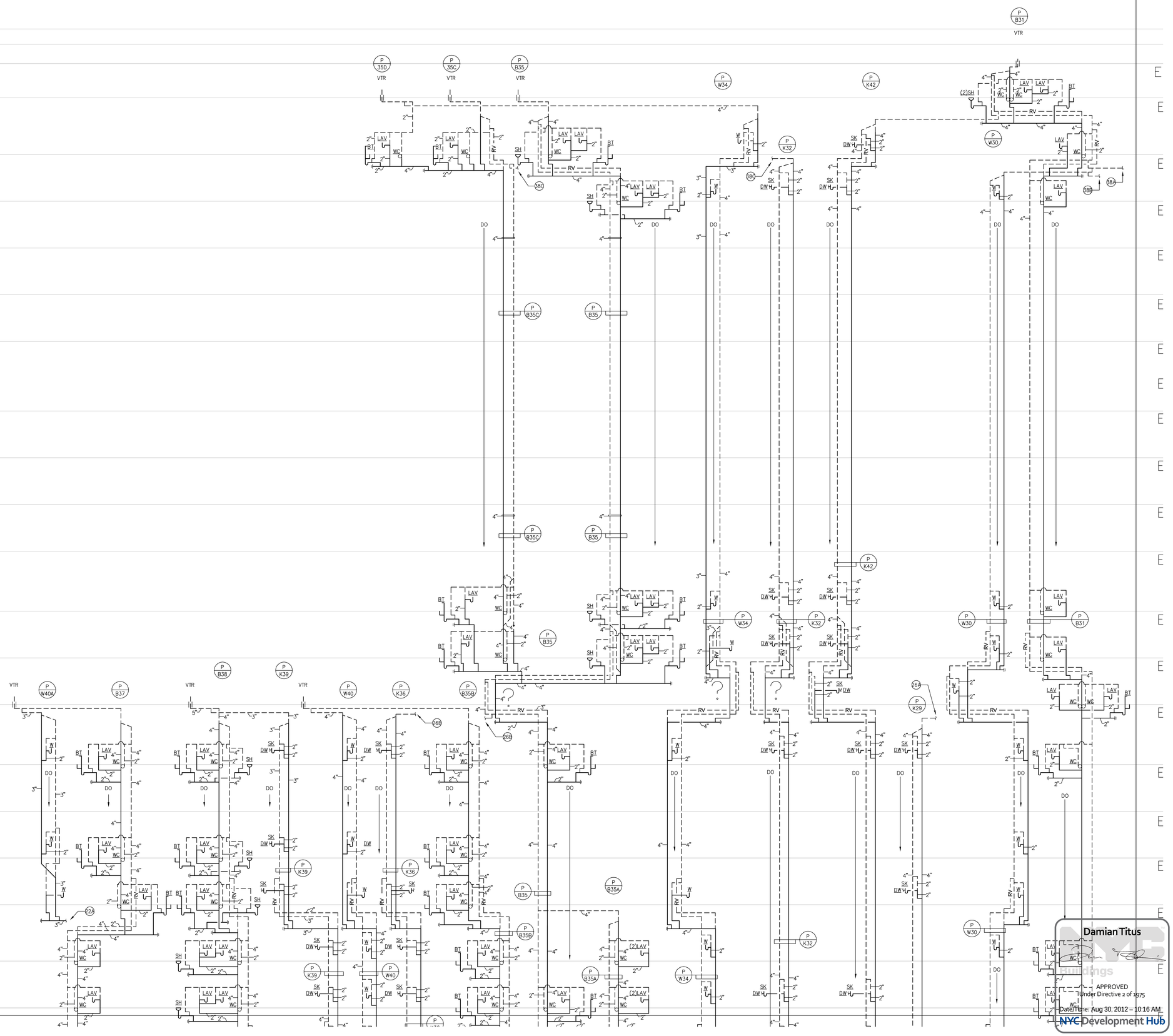
EL 244'6"



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2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

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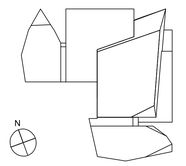

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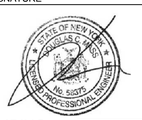

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PLUMBING SANITARY RISER DIAGRAM

DRAWING NO:
P-304.00

NYC DOB NO: 121181808 | 27 of 43

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IES0918029148 Scan Code

400PAS

mechanicals

level 43
level 42
level 41
EL 451'9"
level 40
EL 439'4"
level 39
EL 427'6"
level 38
EL 417'9"
level 37
EL 408'
level 36
EL 398'3"
level 35
EL 388'6"
level 34
EL 378'9"
level 33
EL 369'
level 32
EL 359'3"
level 31
EL 349'6"
level 30
EL 339'9"
level 29
EL 327'3"
level 28
EL 317'6"
level 27
EL 307'9"
level 26
EL 295'3"
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level 22
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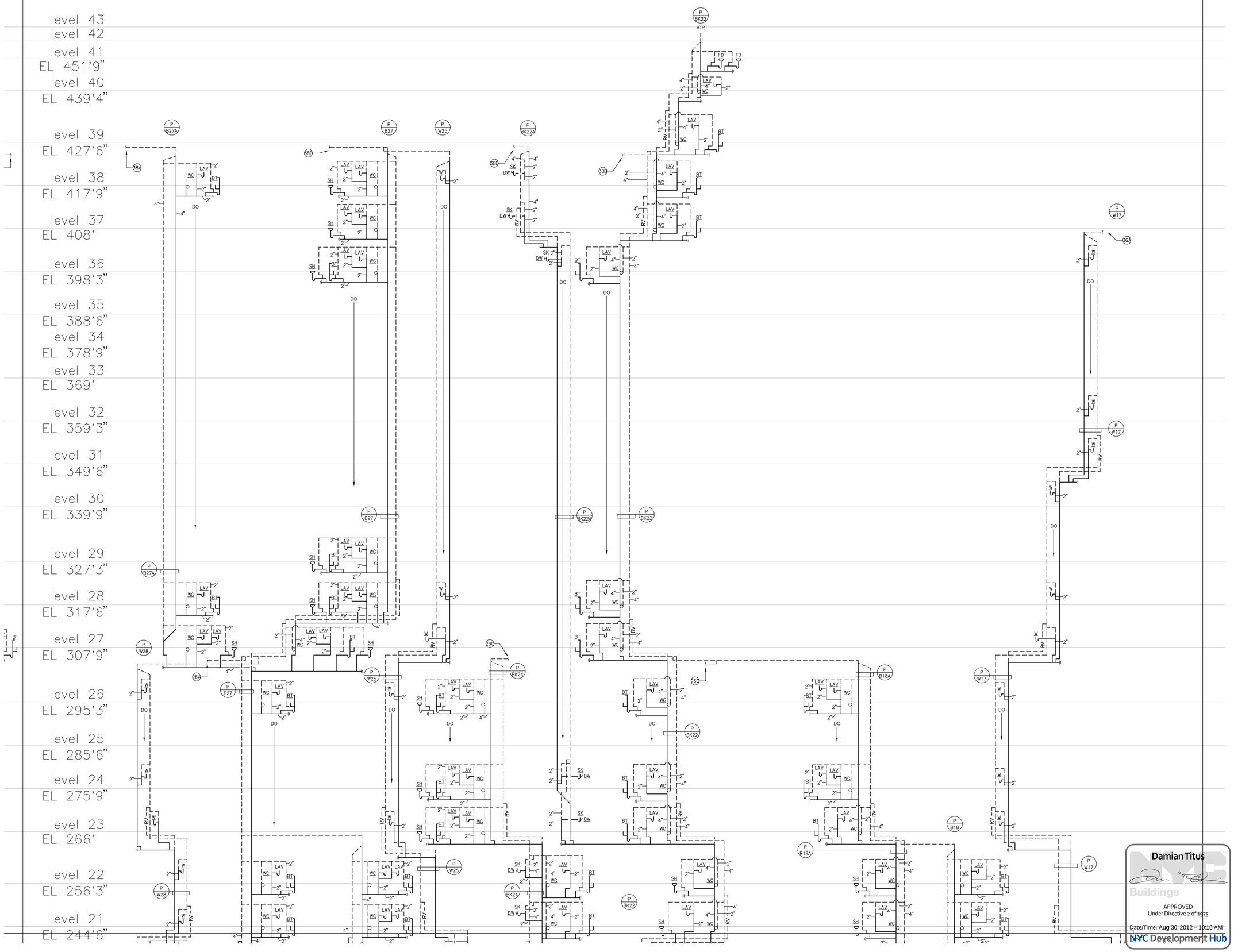
level 21
EL 244'6"



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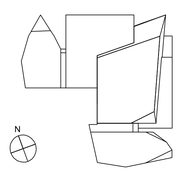

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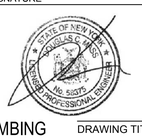

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DRAWING NO:
P-305.00

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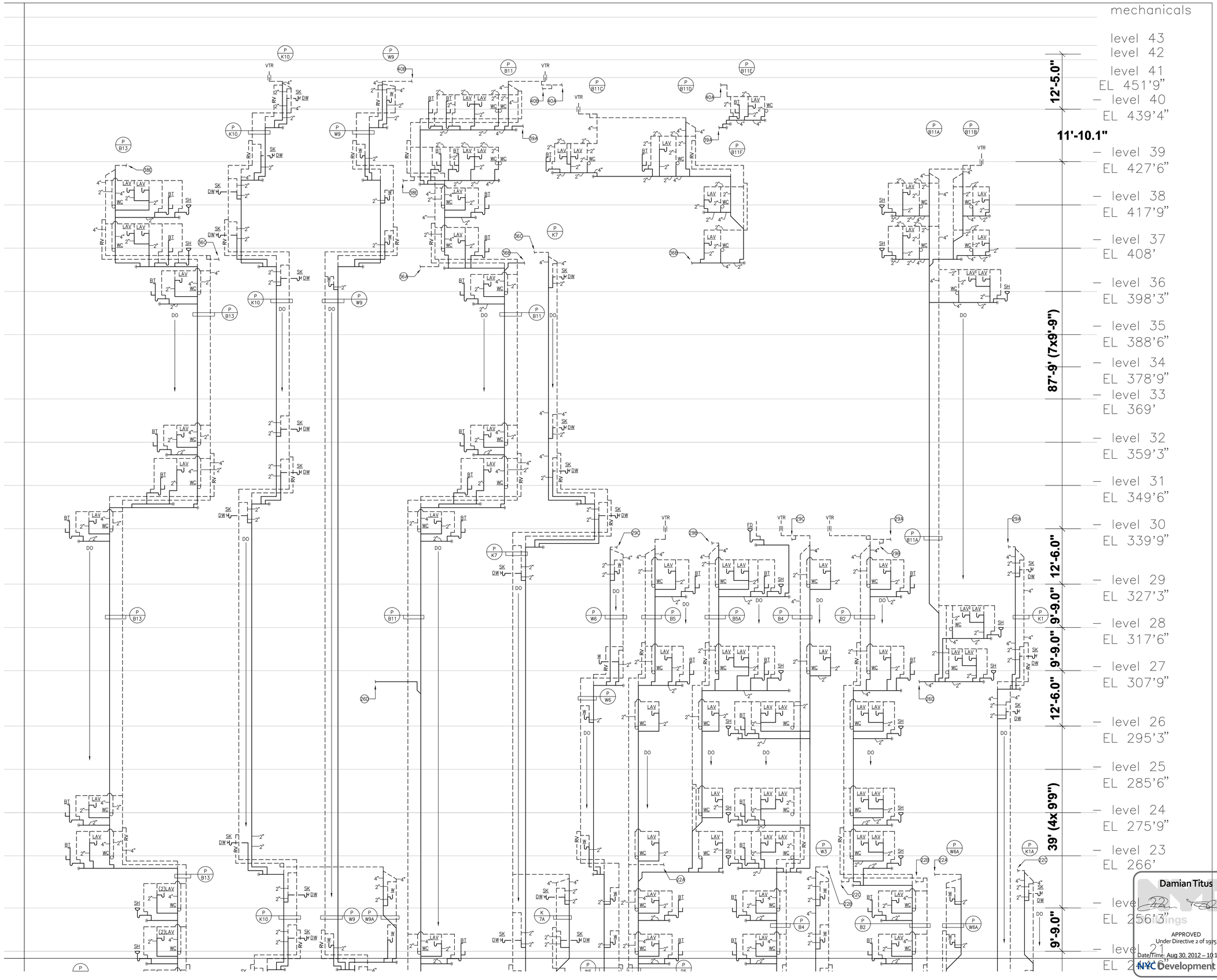

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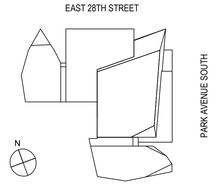

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PLUMBING
SANITARY RISER DIAGRAM
DRAWING TITLE:

DRAWING NO:
P-306.00

NYC DOB NO: 121181808 | 29 of 43

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FOR CONTINUATION SEE DWG.P-310

LEVEL 43 T.O.S.
EL. 472'-11"

EL. 463'-11"

LEVEL 41 T.O.S.
EL. 451'-9"

LEVEL 40 T.O.S.
EL. 439'-4"

LEVEL 39 T.O.S.
EL. 427'-6"

LEVEL 38 T.O.S.
EL. 417'-9"

LEVEL 37 T.O.S.
EL. 408'-0"

LEVEL 36 T.O.S.
EL. 398'-3"

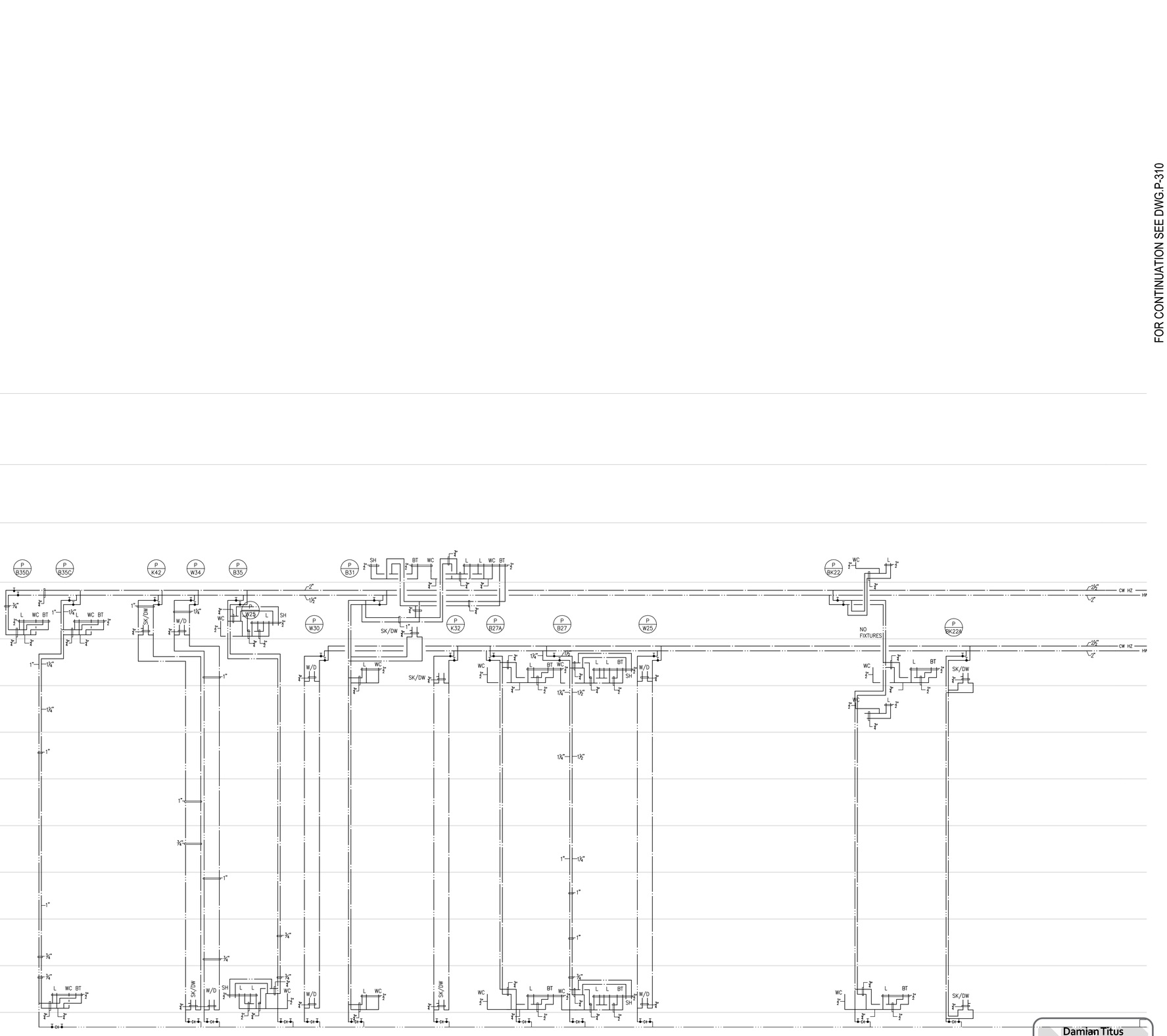
LEVEL 35 T.O.S.
EL. 388'-6"

LEVEL 34 T.O.S.
EL. 378'-9"

LEVEL 33 T.O.S.
EL. 369'-0"

LEVEL 32 T.O.S.
EL. 359'-3"

LEVEL 31 T.O.S.
EL. 349'-6"



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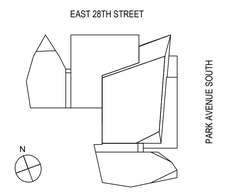

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DRAWING TITLE:
PLUMBING
DOMESTIC WATER
RISER DIAGRAM

DRAWING NO:
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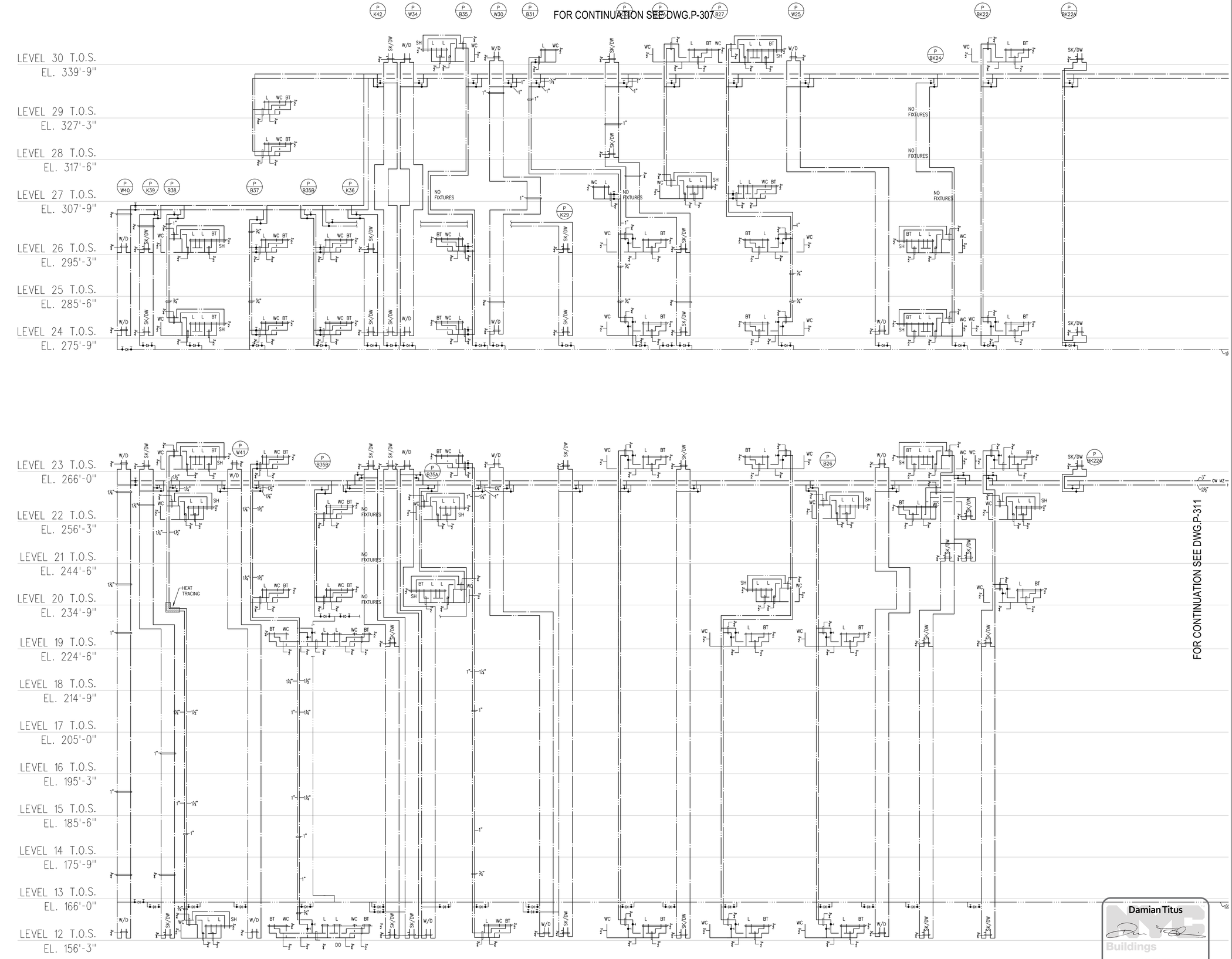

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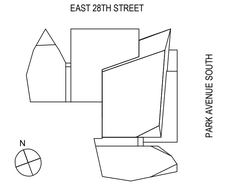

SCALE:
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PLUMBING
DOMESTIC WATER
RISER DIAGRAM

DRAWING NO:
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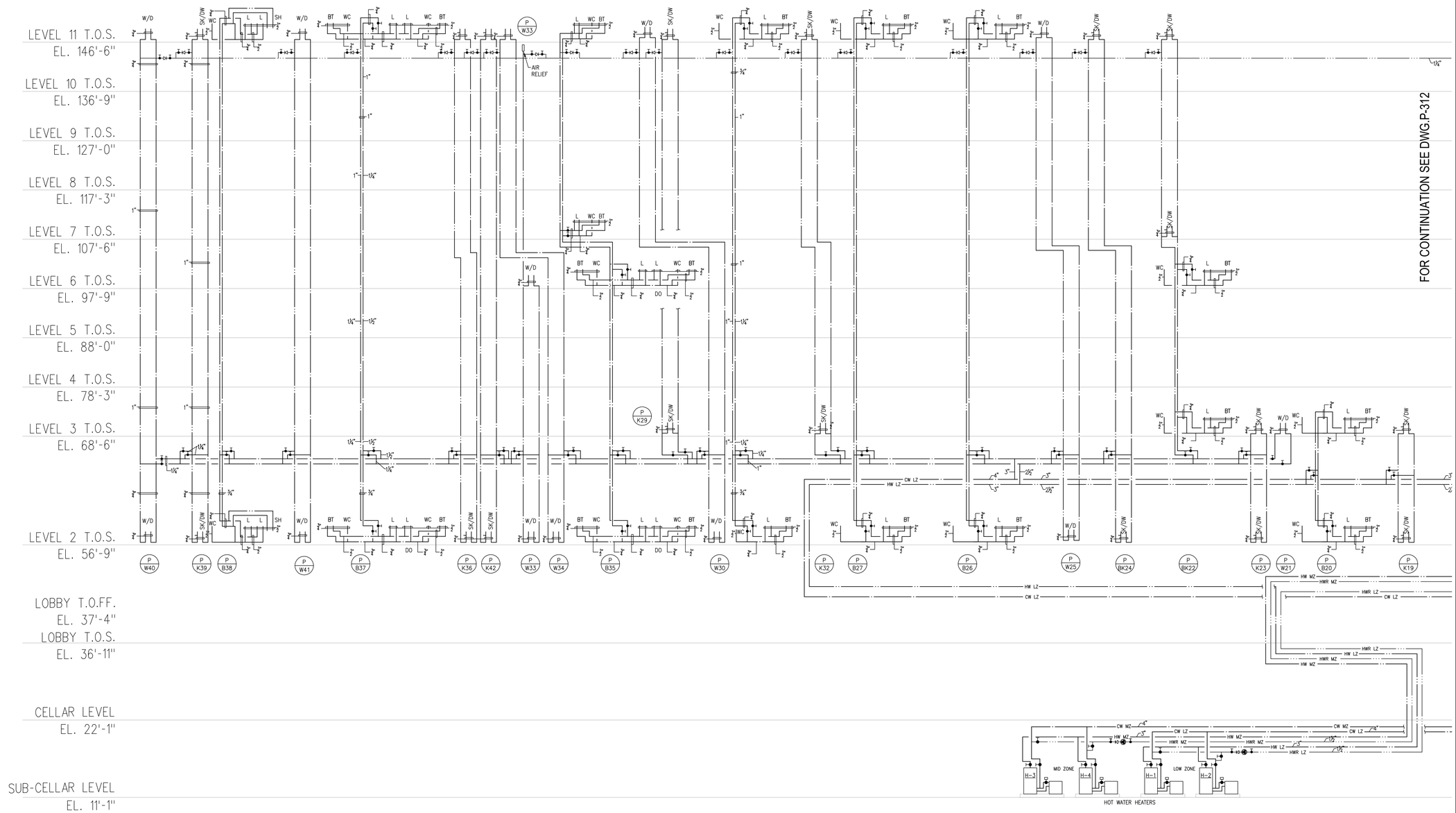

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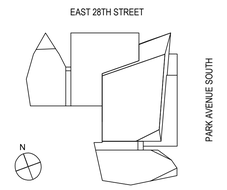
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

PLUMBING DRAWING TITLE:
DOMESTIC WATER RISER DIAGRAM

DRAWING NO:
P-309.00

NYC DOB NO: 121181808 | 30 of 43

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E\181013913 Script Code

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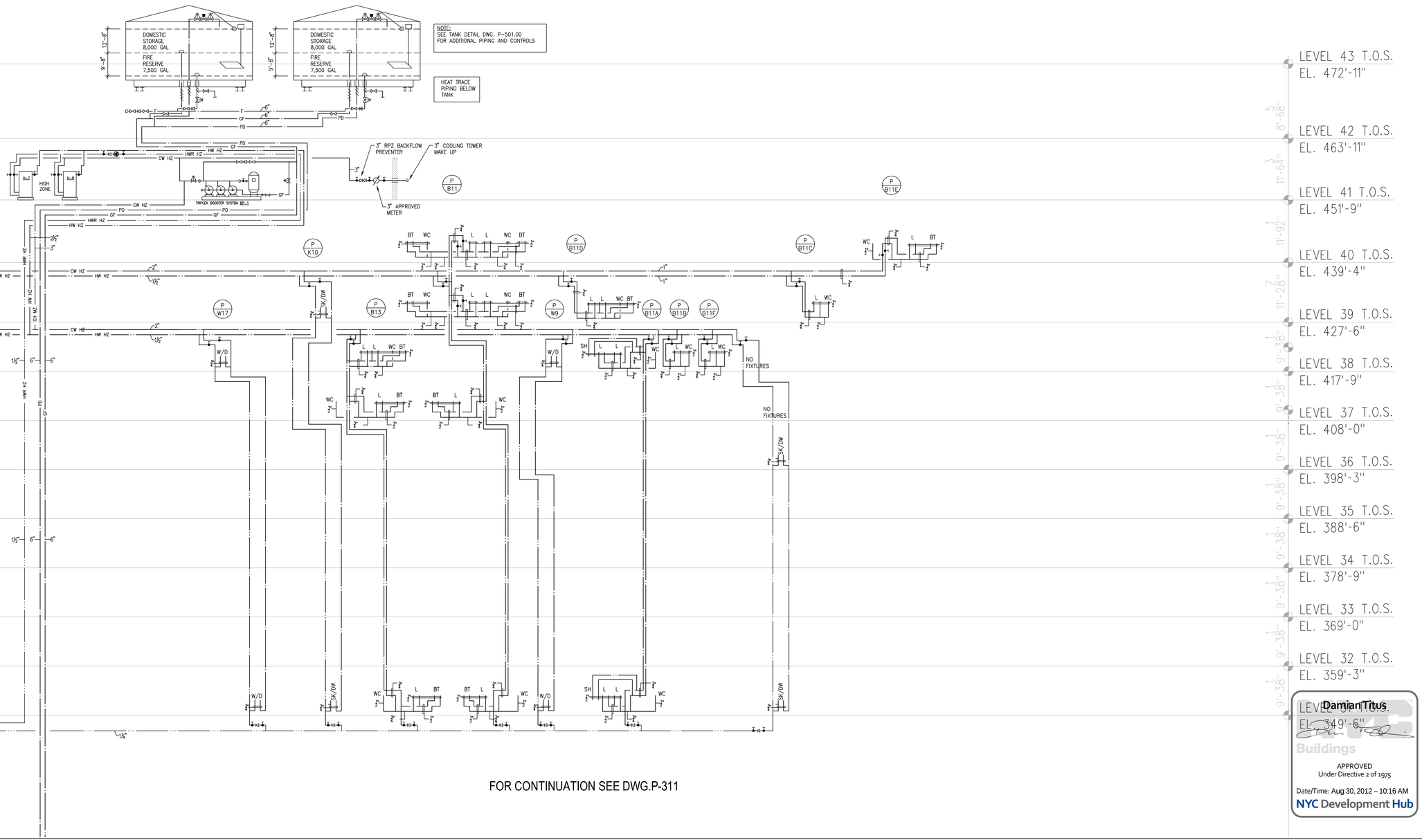

LEVEL 43 T.O.S.
EL. 472'-11"

8'-6 5/8"

LEVEL 42 T.O.S.
EL. 463'-11"

11'-6 3/4"

LEVEL 41 T.O.S.
EL. 451'-9"

11'-9 1/2"

LEVEL 40 T.O.S.
EL. 439'-4"

11'-2 7/8"

LEVEL 39 T.O.S.
EL. 427'-6"

9'-3 1/8"

LEVEL 38 T.O.S.
EL. 417'-9"

9'-3 1/8"

LEVEL 37 T.O.S.
EL. 408'-0"

9'-3 1/8"

LEVEL 36 T.O.S.
EL. 398'-3"

9'-3 1/8"

LEVEL 35 T.O.S.
EL. 388'-6"

9'-3 1/8"

LEVEL 34 T.O.S.
EL. 378'-9"

9'-3 1/8"

LEVEL 33 T.O.S.
EL. 369'-0"

9'-3 1/8"

LEVEL 32 T.O.S.
EL. 359'-3"

9'-3 1/8"

LEVEL 31 T.O.S.
EL. 349'-6"

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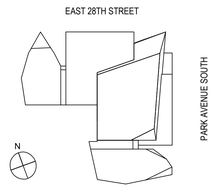

SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:
PLUMBING
DOMESTIC WATER
RISER DIAGRAM

DRAWING NO:

P-310.00

NYC DOB NO: 121181808 | 30 of 43

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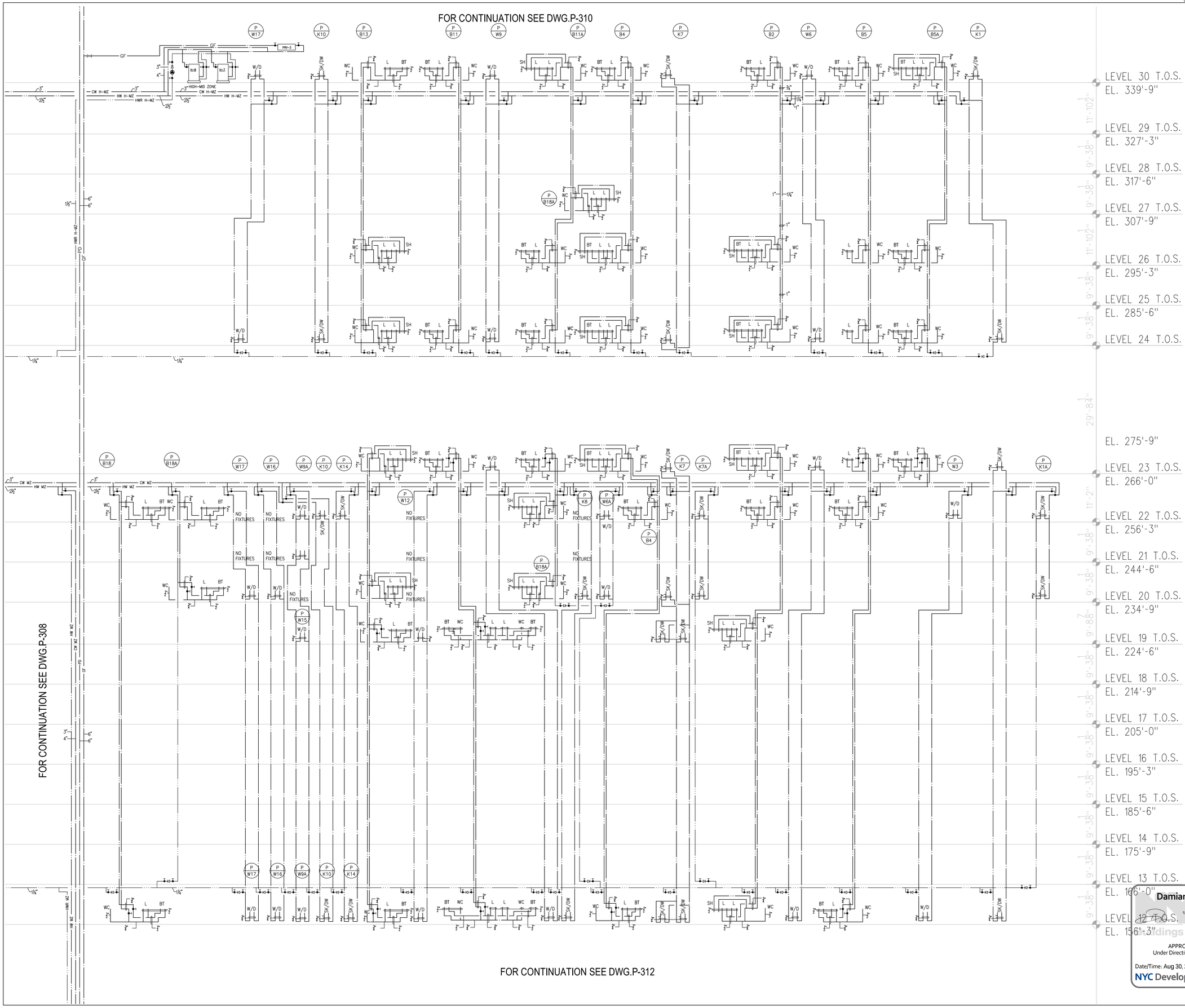
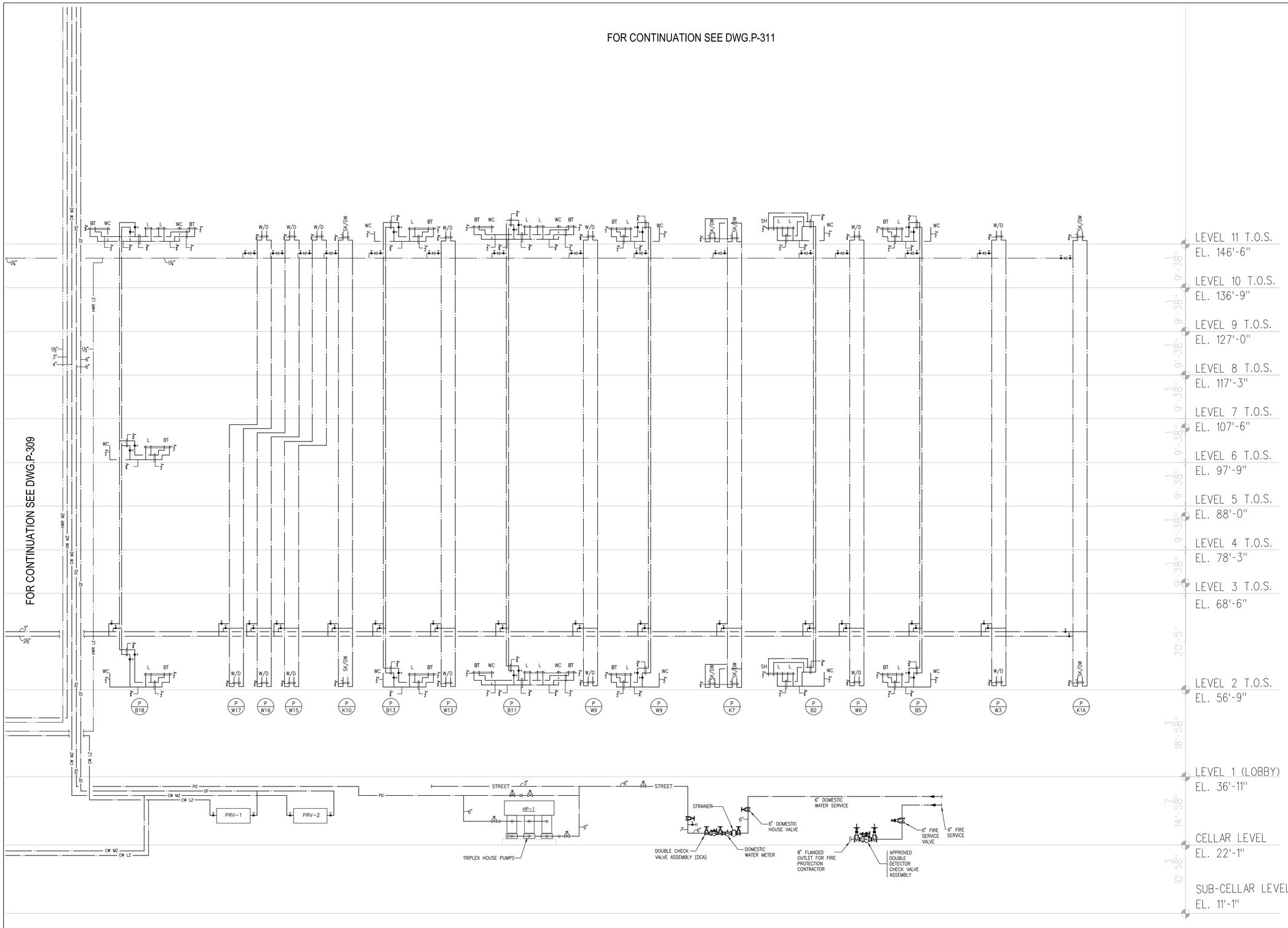

LEVEL 30 T.O.S.
EL. 339'-9"
LEVEL 29 T.O.S.
EL. 327'-3"
LEVEL 28 T.O.S.
EL. 317'-6"
LEVEL 27 T.O.S.
EL. 307'-9"
LEVEL 26 T.O.S.
EL. 295'-3"
LEVEL 25 T.O.S.
EL. 285'-6"
LEVEL 24 T.O.S.
EL. 275'-9"
LEVEL 23 T.O.S.
EL. 266'-0"
LEVEL 22 T.O.S.
EL. 256'-3"
LEVEL 21 T.O.S.
EL. 244'-6"
LEVEL 20 T.O.S.
EL. 234'-9"
LEVEL 19 T.O.S.
EL. 224'-6"
LEVEL 18 T.O.S.
EL. 214'-9"
LEVEL 17 T.O.S.
EL. 205'-0"
LEVEL 16 T.O.S.
EL. 195'-3"
LEVEL 15 T.O.S.
EL. 185'-6"
LEVEL 14 T.O.S.
EL. 175'-9"
LEVEL 13 T.O.S.
EL. 166'-0"
LEVEL 12 T.O.S.
EL. 156'-3"
11'-10 1/2"
9'-3 1/8"
11'-10 1/2"
9'-3 1/8"
11'-10 1/2"
9'-3 1/8"
29'-8 1/4"
11'-2"
9'-3 1/8"
9'-3 1/8"
9'-3 1/8

DEPT OF BLDGS 121181808 Job Number
ES3461213560 Scan Code

FOR CONTINUATION SEE DWG.P-311

FOR CONTINUATION SEE DWG.P-309



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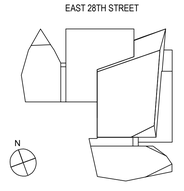

SCALE:
PROJECT NO: 120071
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STATE OF NEW YORK
DOUGLAS C. DESIMONE
No. 50375
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
PLUMBING
DOMESTIC WATER
RISER DIAGRAM

DRAWING NO:
P-312.00

NYC DOB NO: 121181808 | 30 of 43

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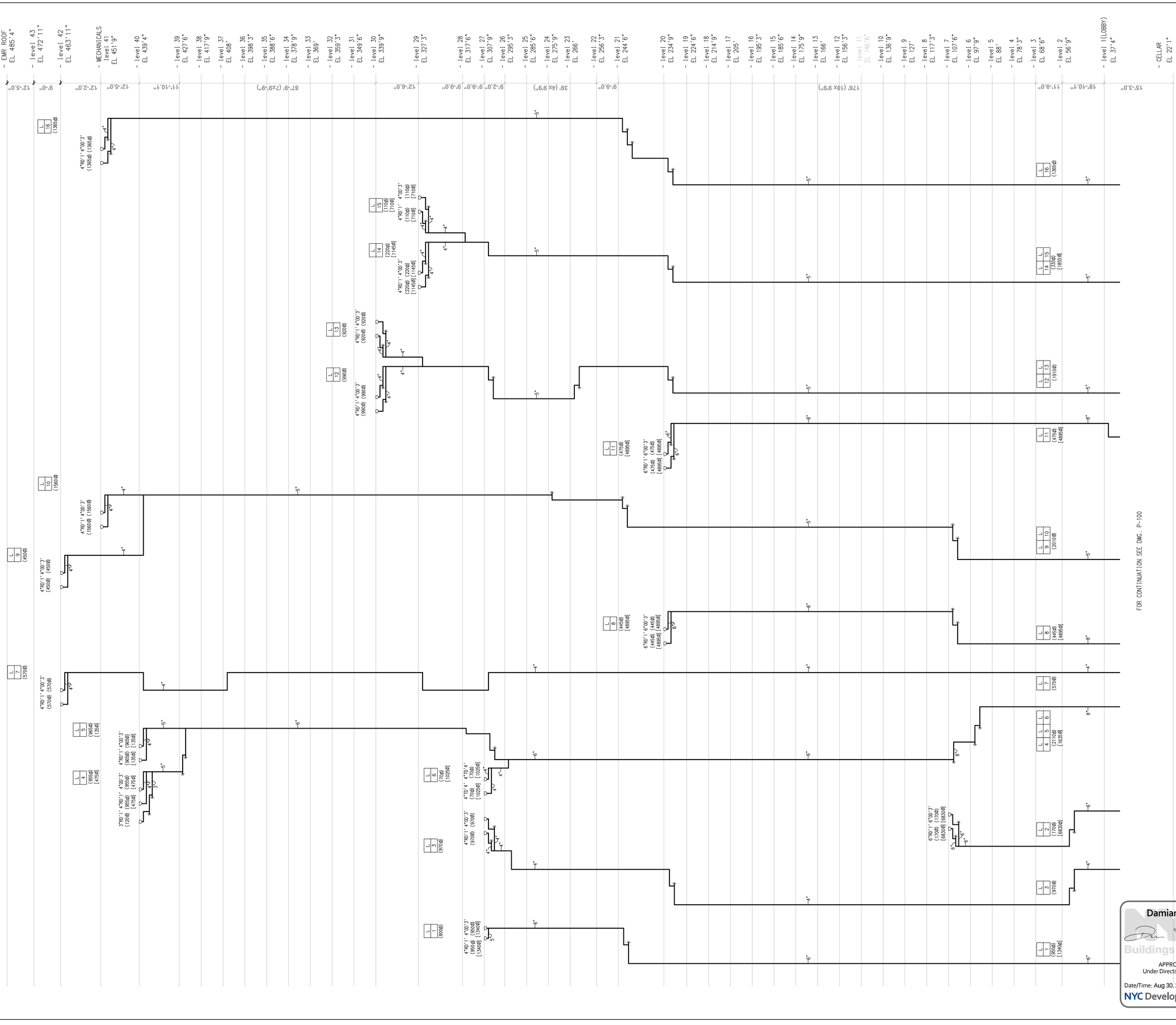
E1309016639 Scan Code



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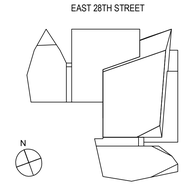

SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:

PLUMBING

STORM RISER DIAGRAM

DRAWING NO:

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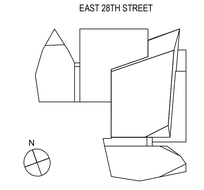

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PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:

PLUMBING

GAS RISER DIAGRAM

DRAWING NO:

P-314.00

NYC DOB NO: 121181808 | 37 of 43

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FILE NAME: C:_WORK\120071\PLUM\120071-P314 (GAS RISER).dwg SAVED ON 6/15/2012 6:51 PM PLOTTED ON 6/15/2012 7:12 PM PLOTTED BY MCGUIRE, BRIAN

DEPT OF BLDGS 121181808 Job Number
ES0731395US Scan Code

400PAS

PLUMBING VALVE SCHEDULE

TYPE	MILWAUKEE FIG. NO.	SIZE	VALVE SPECIFICATION: FLANGED	SCREWED	SOLDER	SOCKET	BRASS	W/ADAPTER	O.S.&Y.	N.R.S.	BRONZE	I.B.B.M.	ALL IRON RUBBER LINE	ALL IRON	CAST STEEL	HOSE END	175# WWP	200# WWP	250# WWP	300# WWP	400# WWP	500# WWP	600# WWP	960# WWP	1440# WWP	BURIED SERV.	LOCATION: REQ.AT EQUIP.	SUMP DISCH.	EJECT.DISCH.	GAS	C.W.SERVICE	C.W. 4"& UP	C.W. 3"& DN	HW HWC 4"&UP	HW HWC 3"&DN	D.W. D.W.C.	C.W. 2"& DN	HW HWC 2"&DN
GATE VALVES	115	3/8"–4"								●	●						●																			
	105	1/4"–4"		●						●	●						●															●				
	F–2885	2"–12"	●						●								●									●	●	●			●		●			
	F–2882	2"–12"	●							●							●																			
	G–743**	2"–16"						●		●							●								●					●							
BALL VALVES	BA–100	1/4"–3"		●		●															●												●		●
	BA–150	1/4"–2"		●		●															●												●		●
BUTTERFLY VALVES	CL–223–E	4"–8"	●										●				●													●					
CHECK VALVES	F–2974	2"–12"	●														●													●		●			
	G927**	2"–6"		●													●																		
	2974	2"–12"	●														●									●	●								
	510T	1/4"–2"		●							●									●															
	1509	3/8"–3"			●						●						●														●	●		●		
		4"																																		
GLOBE & ANGLE VALVES	502	1/8"–3"		●							●																				●	●				
	1590T	3/8"–3"			●						●									●													●	●		
	595T	1/8"–3"		●							●									●																
	F–2981	2"–10"	●						●								●																			
	24***	3/4"–3"		●						●	●				●		●														●		●	●		
	F–541**	3'–8"	●																		●					●										
PLUG VALVES	611*	1/2"–6"		●										●			●												●							
	611*	1"–4"		●										●		●													●							
	612*	1"–8"	●								●			●			●												●							

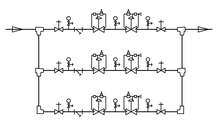
NOTE: THIS VALVE SCHEDULE IS BASED ON MILWAUKEE VALVES

* HOMESTEAD FIGURE NUMBERS
** STOCKHAM FIGURE NUMBERS
*** WALWORTH FIGURE NUMBERS
**** NIBCO FIGURE NUMBERS

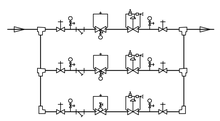
DRAINS

DESIGNATION	ZURN SERIES No.	BODY: CAST IRON	GALVANIZED	ALL BRONZE	SECONDARY CLAMP	CLAMPING DEVICE	DECK CLAMP	BACK WATER VALVE	ROOF SUMP RECEIVER	INSIDE CAULK	POLISHED STAINLESS	STRAINER: CAST IRON	GALVANIZED	ALL BRONZE	NICKEL BRONZE	CHROME PLATED	SEDIMENT BUCKET	SECONDARY STRAINER	POLISHED FINISH	SATIN FINISH	TRACTOR GRATE	S.S. MESH SCREEN	FUNNEL TOP	FLAT TOP	DOME	RAISED LIP	EXTENSION	SECURED GRATE	ANGLED GRATE	CENTER HOLE	½" GRATE	REMARKS: LOCATION
FD–'A'	ZN415B–VP	●								●														●								FINISHED AREA, TOILET & SHOWER RMS
FD–'B'	Z505–Y	●								●		●				●								●								MECHANICAL ROOMS
FD–'E'	ZN610–YA	●				●									●	●								●	●						●	LAUNDRY DRAIN RECEPTOR ALUM. INSIDE STRAINER
FD–'F'	Z122	●				●						●													●	●							TANK OVERFLOW – DECK RECEPTOR, INTERNAL DOME
RD–'1'	ZC100–85	●							●			●												●		●						ROOF–GENERAL
RD–'2'	ZC163–85	●							●			●												●		●						COMBINATION MAIN ROOF AND OVERFLOW DRAIN
OD–'3'	ZC100–E–W3	●							●			●												●		●						ROOF OVERFLOW DRAIN (3"INTERNAL DAM)
TD–'4'	ZN150–VP–Y–85	●							●							●	●			●				●		●						TERRACE DRAIN – 14"SQ HEEL PROOF GRATE
PLZ–'5'	ZN150–VP–Y	●							●			●				●	●							●					●			PLAZA DRAIN – 14"SQ HEEL PROOF GRATE
PLD–'6'	Z507–VP–Y	●															●					●		●					●			PLANTER DRAIN– DOUBLE LEVEL DRAINAGE
TD–'7'	Z665–D6–E5–SQ–VP–Y	●									●						●							●					●			TRANCH DRAIN – SIZE AS INDICATED ON PLAN
TD–'8'	Z888–4 FS										●						●							●					●			SLOT DRAIN BOTTOM OUTLET (COORDINATE W/ARCH.)

ZONE 1, 2



ZONE 3



1 = PRESSURE REDUCING VALVE, CLA-VAL 90G-01ASKXHL, 150 LB FLGD, BBSST, RANGE 30-300 PSI
2 = EXCESS PRESSURE SAFETY VALVE (XPSV), CLA-VAL 50G-33KXHL, 150 LB FLGD, BBBT, 20-200 PSI
A = ISOLATION VALVE, 150 LB FLGD, BRONZED BODY, FULL PORTED
B = Y STRAINER, 150 LB FLGD, PERF SS STRAINER
C = PRESSURE GAUGE WITH ISO VALVE, 0-300 PSI, 4" SS CASE, OIL FILLED

1 = PRESSURE REDUCING VALVE, CLA-VAL 90G-01ASKXHL, 150 LB FLGD, BBSST, RANGE 30-300 PSI
2 = EXCESS PRESSURE SAFETY VALVE (XPSV), CLA-VAL 50G-33KXHL, 150 LB FLGD, BBBT, 20-200 PSI
A = ISOLATION VALVE, 150 LB FLGD, BRONZED BODY, FULL PORTED
B = Y STRAINER, 150 LB FLGD, PERF SS STRAINER
C = PRESSURE GAUGE WITH ISO VALVE, 0-300 PSI, 4" SS CASE, OIL FILLED

PRESSURE REDUCING VALVE SCHEDULE

DES.	LOCATION	SERVICE	PRV SIZE	INLET PSI	OUTLET PSI	XPSV PSI	SYSTEM CAPACITY
PRV 1	SUB CELLAR BOILER RM	ZONE #1	3"	200	87	102	308 GPM
PRV 2	SUB CELLAR BOILER RM	ZONE #2	3"	200	135	150	308 GPM
PRV 3	30th FL MECH EQUIP RM	ZONE #3	2 1/2"	62	35	50	200 GPM

PRV DETAIL AND SCHEDULE
NOT TO SCALE
NOTE: REFER TO SPECIFICATIONS.

• MATERIAL SCHEDULE

NOTES:
1. FOR REQUIRED PRESSURE RATINGS, SEE RISER DIAGRAM.
2. INSTALL IN TRENCH OR SPLIT TILE CONDUIT.
3. ALL MATERIALS SELECTED ON THIS SCHEDULE MUST BE APPROVED BY THE LOCAL AUTHORITIES.

SYSTEM	PIPE: CAST IRON SOIL PIPE	CAST IRON WTR PIPE	DUCTILE IRON	STEEL SCHED 10	STEEL SCHED 30	STEEL SCHED 40	STEEL SCHED 80	STEEL WTR TUBING	TYPE 'K' COPPER TUBING	RED BRASS PIPE	DWV COPPER DRAINAGE	GALVANIZED	CEMENT LINED	COATED	MILL WRAPPED	FITTINGS: CAST IRON NO-HUB	CI HUB & SPIGOT	CAST IRON SCREWED PATTERN	CAST IRON	MALLEABLE IRON	EXP.MALLEABLE IRON	CAST BRONZE	WROUGHT COPPER	CLASS D	LINED	BLACK	GALVANIZED	VICTAULIC	DUCTILE IRON	WELD FITTING	MILL WRAPPED	WELD FITTING	JOINTS: CAULKED	LEAD & OAKUM	SOLDERED	WELDED	BRAZED	MECH.JOINT–NO HUB	MECH.JOINT–GASKET	MECH.JOINT–FLANGED (AS PER SPEC)	VICTAULIC
DRAINAGE BURIED	●																●																						
VENTS BURIED	●																●																●							
HOUSE DRAINS	●															●	●																●							
SANITARY STACKS	●															●	●																●							
SANITARY BRANCHES	●					●						●				●	●																●							
LEADERS & STORM DRAIN SYSTEM	●					●						●					●																●							
EJECTOR DISCHARGE						●						●					●										●	●					●							●
SUMP DISCHARGE						●						●					●										●	●					●							●
VENTS – ABOVE GROUND	●					●						●					●										●						●			●				
FIXTURE CONNECTIONS–WATER										●										●													●							
C.W. – 4" & SMALLER							●													●													●		●					
C.W. – 5" & LARGER							●													●													●							
C.W. – BURIED BUILDING SERVICE		●	●											●											●	●						●							
C.W. – BURIED INSIDE BUILDING								●												●													●							
H.W. – BURIED INSIDE BUILDING (NOTE 2)								●												●													●							
H.W.								●												●													●							
GAS SERVICE						●						●									●						●				●		●							
GAS – 3" & SMALLER						●						●									●						●				●		●							
GAS – 4" & LARGER						●						●															●				●								

PUMPS

PUMP CO — ABBREV.
PEERLESS PUMP — P,P.
FLYGT — F
BELL & GOSSETT — B&G
SYNCROFLOW — S
STANCORE — SC

• DESIGNATION/LOCATION	NO. REQUIRED	G.P.M.	T.D.H.	MODEL NO.	STAGES	SUCTION	VERT. CNSR COUPLED	HORIZ.	WORKING PRESS.	H.P.	R.P.M.	VOLTS	PHASE	CYCLE	MANUAL CONTROL	STARTING STEPS	AUTO CONTROL	PILOT LIGHT	PRESSURE GAUGE RANGE	CONTROL CENTER	EMERGENCY POWER	HYDRO. ACCUMULATOR	NOTES
HP–1 TRIPLEX HOUSE PUMP TANK FILL CELLAR WATER PUMP ROOM	3	133	460'	266TMSL199TFGAF PP @ MSL 50A–3	3	–	–	●	–	30	3550	208	3	60	–	–	–	●	●	0–250	–	●	–	
BP–1 TRIPLEX CONSTANT PRESSURE SYSTEM 41st FLOOR PUMP & HEATER RM	3	90	82'	PP–77TM 7.5 GAF (3) C1020AM	1	●	–	–	–	7 ½	1780	480	3	60	–	–	●	●	0–50	–	–	WX405C 90 GAL	
EJ–1 & EJ–2 DUPLEX EJECTOR SUB–CELLAR EJECTOR ROOM #1	2	200	45'	F–CP3102.181	–	–	–	–	–	5	1720	208	3	60	–	–	●	●	–	–	●	–	COMPLETE WITH VALVE TRAIN ASSEMBLY DOUBLE CONTAINMENT ELECTRICAL BOX BLOW DOWN PORT AND VENT
EJ–3 & EJ–4 DUPLEX EJECTOR SUB–CELLAR POOL EQUIPM PUMP ROOM	2	150	45'	F–CP3102.181	–	–	–	–	–	5	1720	208	3	60	–	–	●	●	–	–	●	–	COMPLETE WITH VALVE TRAIN ASSEMBLY DOUBLE CONTAINMENT ELECTRICAL BOX BLOW DOWN PORT AND VENT
SP–1 & SP–2 DUPLEX SUMP PUMPS SUB–CELLAR	2	150	45'	F–CP31021 MP 442	–	–	–	–	–	5	1720	208	3	60	–	–	●	●	–	–	–	–	COMPLETE WITH VALVE TRAIN ASSEMBLY ELECTRICAL CONTROL BOX
SPE–1 – SPE–4 ELEVATOR SIMPLEX SUMP PUMP SUB–CELLAR ELEVATOR PITS	4	55	16'	SC–SE–50	–	–	–	–	–	½	3600	120	1	60	–	–	–	–	–	–	–	–	COMPLETE WITH FLOAT AND ELECTRICAL PLUG END
CP–1 HOT WATER CIRCULATION PUMP H–1, H–2 LOW ZONE SUB–CELLAR	1	30	12'	B&G–HV 2½ BRONZE	–	–	–	–	–	¾	1725	120	1	60	–	–	–	–	–	–	–	–	PROVIDE DISCONNECT SWITCH AND AQUASTAT
CP–2 HOT WATER CIRCULATION PUMP H–3, H–4 MID ZONE SUB–CELLAR	1	30	12'	B&G–HV 2½ BRONZE	–	–	–	–	–	¾	1725	120	1	60	–	–	–	–	–	–	–	–	PROVIDE DISCONNECT SWITCH AND AQUASTAT
CP–3 HOT WATER CIRCULATION PUMP H–5, H–6 HIGH MID ZONE 30th FL.	1	16	12'	B&G–HO3 BRONZE	–	–	–	–	–	⅓	1725	120	1	60	–	–	–	–	–	–	–	–	PROVIDE DISCONNECT SWITCH AND QUASTAT
CP–4 HOT WATER CIRCULATION PUMP H–7, H–8 HIGH ZONE 41th FL.	1	16	12'	B&G–HO3 BRONZE	–	–	–	–	–	⅓	1725	120	1	60	–	–	–	–	–	–	–	–	PROVIDE DISCONNECT SWITCH AND AQUASTAT

DOMESTIC WATER HEATERS

HTR. MANUF. — ABBREV.	DESIGNATION/LOCATION	NO. REQUIRED	MANUFACTURER & MODEL NO.	TANK DATA: STORAGE CAP.-GALS.	PRESSURE RATING	RECOVERY AT 80°F TEMP.RISE	ELECTRIC DATA: MOTOR HP	VOLTS	PHASE	CYCLE	ELEC. COIL ELEMENT DATA: UPPER ELEMENT	LOWER ELEMENT	TOTAL K.W.	VOLTS	PHASE	GAS DATA: GAS PRESS.W.C.	INPUT IN CFH/BTU/HR.	DOMESTIC HW TEMP. OUT	NOTES
EEMAX — E LOCHINAVAR — L PVI INDUSTRIES, INC — PVI																			
H–1 & H–2 LOW ZONE WATER HEATERS SUB CELLAR BOILER ROOM		2	PVI–90L300AMXIF	300	150	1134 GPH	1/2	208	3	60	–	–	–	–	–	4.5	900	120'	PROVIDE 120V, 1 PH CONTROL CIRCUIT POWER. NON–CONDENCING WATER HEATER
H–3 & H–4 MID ZONE WATER HEATERS SUB CELLAR BOILER ROOM		2	PVI–90L300AMXIF	300	150	1134 GPH	1/2	208	3	60	–	–	–	–	–	4.5	900	120'	PROVIDE 120V, 1 PH CONTROL CIRCUIT POWER. NON–CONDENCING WATER HEATER
H–5 & H–6 HIGH–MID ZONE WATER HEATERS 30th FLOOR MECH EQUIP RM		2	PVI–40LX125APVIF	125	150	587 GPH	1/2	208	3	60	–	–	–	–	–	4.5	390	120'	PROVIDE 120V, 1 PH CONTROL CIRCUIT POWER. NON–CONDENCING WATER HEATER
H–7 & H–8 HIGH ZONE WATER HEATERS 41st FLOOR PLUMBING ROOM		2	PVI–40LX125APVIF	125	150	587 GPH	1/2	480	3	60	–	–	–	–	–	4.5	390	120'	PROVIDE 120V, 1 PH CONTROL CIRCUIT POWER. NON–CONDENCING WATER HEATER
E–1 ELECTRIC STORAGE WATER HEATER SUB–CELLAR MAINTENANCE SHOP		1	L–LTK30EE	30	150	15 GPH	–	–	–	–	1.5	1.5	3	208	3	–	–	120'	SIMULTANEOUS ELEMENT OPERATION
E–2 ELECTRIC STORAGE WATER HEATER CELLAR HEAT EXCHANGE ROOM		1	L–HVK30–150	150	150	153 GPH	–	–	–	–	15	15	30	208	3	–	–	120'	
E–3 POINT OF USE ELECTRIC WATER HEATER CELLAR ADA TOILET		1	E–SP4208	–	150	56°ΔT @ 0.5 GPM	–	–	–	–	–	–	4.1	208	3	–	–	96'	
E–4 POINT OF USE ELECTRIC WATER HEATER CELLAR MENS LOCKER		1	E–SP4208	–	150	56°ΔT @ 0.5 GPM	–	–	–	–	–	–	4.1	208	3	–	–	96'	
E–5 POINT OF USE ELECTRIC WATER HEATER CELLAR WOMENS LOCKER		1	E–SP4208	–	150	56°ΔT @ 0.5 GPM	–	–	–	–	–	–	4.1	208	3	–	–	96'	

GAS BOOSTER PUMPS

• DESIGNATION	NO. REQUIRED	NAT. GAS FLOW CFH	BOOST. "WC	ECLIPSE MODEL NO.	H.P.	R.P.M.	VOLTS	PHASE	CYCLE	AUTO CONTROL	LOCK UP LIMIT WC	NOTES
AGP–1 CELLAR GAS METER ROOM	1	20,920	19"	HB–4628–7 FCM–N7–REG	5	3450	208	3	60	●	38"	REMOTE WALL MOUNT NEAMA 7 CONTROL SYSTEM INCLUDED MECHANICAL BOILER GAS BOOSTER

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:16 AM
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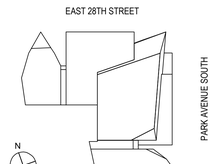
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

STATE OF NEW YORK · NICHOLAS C. CHIN · LICENSED PROFESSIONAL ENGINEER · No. 91375

PLUMBING — DRAWING TITLE:
SCHEDULE SHEET #1

DRAWING NO:
P-401.00

NYC DOB NO: 121181808 | 38 of 43

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DEPT OF BLDGS 121181808 Job Number
ES0605230022 Scan Code

PLUMBING FIXTURE SCHEDULE– RENTAL UNITS

ITEM NO	FIXTURE	LOCATION	MANUF.	MODEL NO. & STYLE	FINISH	FAUCETS, ACCESSORY.	SUPPLIES & TAILPIECES MCGUIRE	FLOW CONT'L G.P.F. / G.P.M.	TRAP & TRAP NIPPLE MCGUIRE (U.O.N)	SUPPORTS: CHAIR CARRIER	SUPPORTS: FISH PLATE	SUPPORTS: MTD. FLOOR	SUPPORTS: COUNTER	REMARKS
P-1	SINK	RESIDENTIAL BATHROOM	KOHLER	K-2214 "LADENA" 18"x 12"	WHITE									UNDERCOUNTER
P-2	SINK	RESIDENTIAL BATHROOM	KOHLER	K-2214 "LADENA" 18"x 12"	WHITE									UNDERCOUNTER
P-3	TOILET	RESIDENTIAL BATHROOM	KOHLER	K-3323 "SANTA ROSA"	WHITE									
P-4	ADA TUB	RESIDENTIAL BATHROOM	KOHLER	K-520 "DYNAMETRIC" 3 WALL ALCOVE	WHITE									5' TUB
P-5	LAVATORY FAUCET	RESIDENTIAL BATHROOM	MOEN	T6820 "METHOD" TWO HANDLE WIDE	BRUSHED NICKEL									THREE HOLES
P-6	TUB/SHOWER FAUCET	RESIDENTIAL BATHROOM	MOEN	T2803 W/O SHOWER HEAD	BRUSHED NICKEL									SQUARE ESCUCHEON
P-7	HANDSHOWER	RESIDENTIAL BATHROOM	MOEN	S3879EP "90 DEGREE"	BRUSHED NICKEL									
P-8	HANDSHOWER	MASTER BATH SHOWER	MOEN	S3879EP "90 DEGREE" TS4172BN TRANSFER VALVE										SQUARE ESCUCHEON
P-9	RAINSHOWER	RESIDENTIAL BATHROOM	KOHLER	K-8031 "WATERTILE"	BRUSHED NICKEL									CEILING MOUNTED
P-10	NOT USED													
P-11	DRAIN	RESIDENTIAL BATHROOM	KOHLER	K-9136	BRUSHED NICKEL									SQUARE DRAIN
P-12	LAVATORY SUPPORT	RESIDENTIAL BATHROOM	ZURN	Z1231										CONCEALED SUPPORT
P-13	KITCHEN FAUCET	KITCHEN	MOEN	7106 "LEVEL"	BRUSHED NICKEL									
P-13 ALT	KITCHEN FAUCET	KITCHEN	MOEN	7560 "EXTENSA"	BRUSHED NICKEL									PROVIDE ROUND ESCUCHEON
P-14	UNDERMOUNT SINK	KITCHEN	ELKAY	ELUHAD2115	STAINLESS STEEL									PROVIDE MANUFACTURER'S RECOMMENDED DRAIN

PLUMBING FIXTURE SCHEDULE– CONDO UNITS

ITEM NO	FIXTURE	LOCATION	MANUF.	MODEL NO. & STYLE	FINISH	FAUCETS, ACCESSORY.	SUPPLIES & TAILPIECES MCGUIRE	FLOW CONT'L G.P.F. / G.P.M.	TRAP & TRAP NIPPLE MCGUIRE (U.O.N)	SUPPORTS: CHAIR CARRIER	SUPPORTS: FISH PLATE	SUPPORTS: MTD. FLOOR	SUPPORTS: COUNTER	REMARKS
P-21	FAUCET	KITCHEN	NEWFORM	FORMA 60511	CHROME									
P-22	SINK	KITCHEN	SIGNATURE	KS1128SS12SS	STAINLESS									
P-23	NOT USED													
P-24	FAUCET	MASTER BATH	NEWFORM	FORMA 60410	CHROME			1.5 GPM RESTRICTER						
P-25A	CEILING MOUNTED SHOWER	MASTER BATH	NEWFORM	FORMA 471	CHROME			1.75 GPM RESTRICTER						
P-25B	WALL MOUNTED SHOWER	MASTER BATH	NEWFORM	FORMA 470	CHROME			1.75 GPM RESTRICTER						
P-26A	DECK TUB FILLER CONTROL	MASTER BATH	NEWFORM	FORMA 60481C	CHROME									
P-26B	TUB DECK MOUNTED	MASTER BATH	NEWFORM	WELLNESS 185	CHROME									
P-27	WALL MOUNTED TUB FILLER	MASTER BATH	NEWFORM	WELLNESS 184	CHROME									
P-28	THERMOSTATIC SHOWER	MASTER BATH	NEWFORM	FORMA 60464	CHROME									
P-29	HAND SHOWER	MASTER BATH	NEWFORM	WELLNESS 506	CHROME									
P-30	SHOWER DIVERTER VALVE	MASTER BATH	NEWFORM	FORMA 60465	CHROME									
P-31	WALL UNION & BRACKET	MASTER BATH	NEWFORM	WELLNESS 4098	CHROME									SQUARE TRIM
P-32	NOT USED	–	–	–	–									
P-33	NOT USED	–	–	–	–									
P-34	BATH TUB	MASTER BATH	TECHNOFORM	ML32x71x17¾	WHITE ACRYLIC									WITH CEMENTIOUS BACKING
P-35	WALL HANG TOILET	MASTER BATH & POWDER	TOTO	AQUIA CT418G#01 SANAGLOSS	WHITE									
P-36	IN-WALL CARRIER TANK	MASTER BATH & POWDER	TOTO	WT151M				DUAL 1.6/0.9 GPF						
P-37	FLUSH ACTUATOR	MASTER BATH & POWDER	TOTO	YT820#CP	CHROME									
P-38	SEAT	MASTER BATH & POWDER	TOTO	SS114#01	WHITE									

NOTE: PROVIDE PROWRAP SEAMLESS INSULATION PW 2000 WHERE TRIM IS EXPOSED UNDER HANDICAPPED LAVATORIES, OR SINK SEE ARCHITECTURAL DETAILS AND ELEVATIONS FOR FIXTURE COORDINATION.

PLUMBING FIXTURE SCHEDULE– CONDO UNITS (CONTINUATION)

ITEM NO	FIXTURE	LOCATION	MANUF.	MODEL NO. & STYLE	FINISH	FAUCETS, ACCESSORY.	SUPPLIES & TAILPIECES MCGUIRE	FLOW CONT'L G.P.F. / G.P.M.	TRAP & TRAP NIPPLE MCGUIRE (U.O.N)	SUPPORTS: CHAIR CARRIER	SUPPORTS: FISH PLATE	SUPPORTS: MTD. FLOOR	SUPPORTS: COUNTER	REMARKS
P-39	SINK	MASTER BATH	KOHLER	KATHRYN K-2330	WHITE									
P-40	FAUCET	SECOND BATH	ZUCCHETTI	SOFT ZP7212	CHROME			1.5 GPM RESTRICTER						
P-41	SHOWER HEAD	SECOND BATH	ZUCCHETTI	SOFT Z94183	CHROME			1.75 GPM RESTRICTER						
P-42	WALL MOUNTED TUB FILLER	SECOND BATH	ZUCCHETTI	SOFT Z92091	CHROME									
P-43	PRESSURE BALANCE MIXER	SECOND BATH	ZUCCHETTI	ZIN121 + R99785.1900	CHROME									
P-44	HAND SHOWER	SECOND BATH	ZUCCHETTI	SOFT Z94725	CHROME									
P-45	SHOWER DIVERTER VALVE	SECOND BATH	ZUCCHETTI	Z94471 + R99629.1900	CHROME									
P-46	WALL ELBOW & BRACKET	SECOND BATH	ZUCCHETTI	SOFT Z93938	CHROME									
P-47	NOT USED	–	–	–	–									
P-48	POP-UP LAVATORY DRAIN	SECOND BATH	KOHLER	K-7114-A-CP W/OVERFLOW	CHROME									
P-49A	BATH TUB 66"	SECOND BATH	TECHNOFORM	ML31x66x17¾	WHITE ACRYLIC									WITH CEMENTIOUS BACKING
P-49B	BATH TUB 60"	SECOND BATH	TECHNOFORM	ML31x60x17¾	WHITE ACRYLIC									WITH CEMENTIOUS BACKING
P-50	ONE PIECE TOILET	SECOND BATH	TOTO	MS854114ELG(R)#01 SANAGLOSS	WHITE									
P-51	SEAT	SECOND BATH	TOTO	SS114#01	WHITE									
P-52	TRIP LEVER	MASTER BATH & POWDER	TOTO	INSTALL ON APPROACH SIDE	CHROME									
P-53	NOT USED	–	–	–	–									
P-54	FAUCET	POWDER ROOM	ZUCCHETTI	JINGLE ZIN693	CHROME			1.5 GPM RESTRICTER						
P-55A	WALL HANG SINK (50 cm)	POWDER ROOM	AQUATICA	AQUAFLUX65B	WHITE PORCELAN									
P-55B	WALL HANG SINK (65 cm)	POWDER ROOM	AQUATICA	AQUAFLUX L-F65C	WHITE PORCELAN									
P-56	P-TRAP	ALL	KOHLER	K-8998-CP	CHROME									
P-57	SHOWER DRAIN	ALL	PROLINE	PLD	TILE-IN COVER									COORDINATE LENGTH W/SHOWER
P-58	TUB DRAIN	ALL	KOHLER	TBD	CHROME									
P-59	LEVER HANDLE LAVATORY	POWDER ROOM	MOUNTAIN	MT5930L	CHROME									
P-60	SHOWER FIXTURE "HIS"	PENTHOUSE	NEWFORM	TBD	CHROME									
P-61	SHOWER FIXTURE "HERS"	PENTHOUSE	NEWFORM	TBD	CHROME									

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Damian Titus

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Under Directive 2 of 1975

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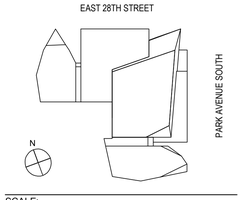
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



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PROJECT NO: 120071

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PLUMBING SCHEDULE SHEET #2

DRAWING NO:
P-402.00

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PLUMBING FIXTURE SCHEDULE– SUBCELLAR THROUGH GROUND FLOOR

ITEM NO	FIXTURE	LOCATION	MANUF.	MODEL NO. & STYLE	FINISH	FAUCETS, ACCESSOR.	SUPPLIES & TAILPIECES MCGUIRE	FLOW CONT'L G.P.F. / G.P.M.	TRAP & TRAP NIPPLE MCGUIRE (U.O.N)	SUPPORTS: CHAIR CARRIER	SUPPORTS: FISH PLATE	SUPPORTS: MTD. FLOOR	SUPPORTS: COUNTER	REMARKS
P–70A	WALL–MOUNTED TOILET	STAFF BATHROOM	KOHLER	K–4330 "KINGSTONE"	WHITE									
P–70B	TOILET SEAT	STAFF BATHROOM	KOHLER	K–4666–C	WHITE									
P–71	FLUSHOMETER	STAFF BATHROOM	SLOAN	111	–									LOW CONSUMPTION
P–72	WALL–MOUNTED LAVATORY	STAFF BATHROOM	KOHLER	K–2005	WHITE									ADA COMPLIANT
P–73	LAVATORY FAUCET	STAFF BATHROOM	SLOAN	ETF–80–4–B "OPTIMA"	POLISHED CHROME									SENSOR–OPERATED
P–74	LOCKER ROOM SHOWER	STAFF LOCKER ROOM	SYMMONS	C–96–300–B30–V–X–REV	–									
P–75	SHOWER RECEPTOR	STAFF LOCKER ROOM	FLORESTONE	200	WHITE									3'–0" x 3'–0"
P–76	SHOWER SEAT	STAFF LOCKER ROOM	BOBRICK	B–5191	–									
P–77	BREAK ROOM SINK	STAFF LOCKER ROOM	KOHLER	K–3362 "STACCATO"	STAINLESS STEEL									
P–78	BREAK ROOM FAUCET	STAFF LOCKER ROOM	MOEN	TBD	CHROME									
P–85	VANITY LAVATORY	STAFF LOCKER ROOM	KOHLER	K–2210 "CAXTON"	WHITE									UNDERCOUNTER
P–86	LAVATORY FAUCET	STAFF LOCKER ROOM	MOEN	TBD	POLISHED CHROME									
P–87	TOILET	KIDS BATHROOM	KOHLER	K–4321 "PRIMARY"	WHITE									PROVIDE ROUND ESCUCHEON
P–88	TOILET SEAT	KIDS BATHROOM	KOHLER	K–4732 "TRANSITION"	WHITE									
P–89	TOILET TANK	KIDS BATHROOM	KOHLER	K–4468 + 1138565	WHITE									
P–90	SINK	KIDS BATHROOM	CANTRIO	KONCEPTS PS009	WHITE									WALL MOUNTED
P–93	TOILET	BATHROOM												
P–94	WALL MOUNTED LAVATORY	BATHROOM												
P–95	UNDER–MOUNTED	BATHROOM												
P–96	LAVATORY FAUCET	BATHROOM												

NOTE: PROVIDE PROWRAP SEAMLESS INSULATION PW 2000 WHERE TRIM IS EXPOSED UNDER HANDICAPPED LAVATORIES, OR SINK
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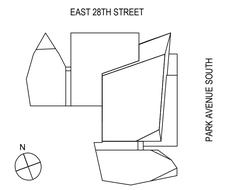
KEY PLAN



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PROJECT NO: 120071

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SCHEDULE SHEET #3

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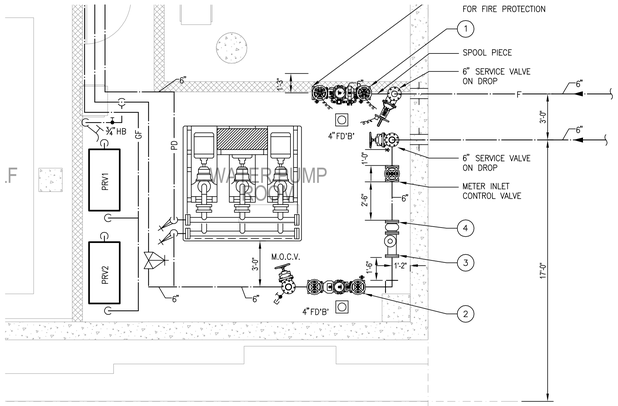


1 P-500 WATER SERVICES ROOM
SCALE: 1/4" = 1'-0"

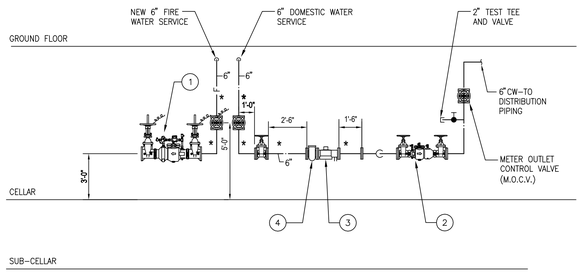
EQUIPMENT SCHEDULE

1. DOUBLE CHECK DETECTOR ASSEMBLY (DCDA), HORIZONTAL 6" SIZE WITH 3/4" DCD, VALVES AND METER ON BY-PASS, WILKINS, SERIES 350, MODEL 350 DA, REMOTE METER READER (TWO 6" O.S.&Y. GATE VALVES WITH TAMPER SWITCH TO BE INCLUDED)
2. DOUBLE CHECK ASSEMBLY (DCA), HORIZONTAL MODEL, 6" SIZE, WILKINS, SERIES 350, MODEL 350A (TWO 6" O.S.&Y. GATE VALVES TO BE INCLUDED)
3. DOMESTIC WATER METER 6" METRON-FARNIER SPECTRUM SINGLE JET METER WITH REMOTE METER READER
4. PLATE STRAINER NEPTUNE, SIZE 6"

BACKFLOW PREVENTOR NOTES

★

1. ALL PIPING BETWEEN SERVICE ENTRY POINTS AND BFP UNIT SHALL BE STENCILED TO READ "FEED TO BACKFLOW PREVENTOR. DO NOT TAP OR CONNECT TO THIS LINE." LETTERING SHALL BE 1" HIGH BLACK LETTERS ON WHITE BACKGROUND. STENCILING SHALL AT 5'-0" INTERVALS, AND AT ALL WALL AND FLOOR PENETRATIONS.
2. THE FIRE DEPARTMENT SIAMESE CONNECTIONS ARE NOT WITHIN 700 FT. OF AN "UNCERTIFIED" WATER SOURCE. ALL FIRE SERVICES ARE PROTECTED WITH WILKINS MODEL 350DA DCDA'S.
3. THE FIRE PROTECTION SPRINKLER SYSTEM IS A AWWA M-14 CLASS 2 SYSTEM.
4. THERE ARE NO CHEMICALS USED IN THE SPRINKLER SYSTEM.
5. SIDE CLEARANCE OF 30" TO THE OPEN AREA SHALL BE PROVIDED FOR BACKFLOW PREVENTERS.
6. THE INTERNAL BUILDING POTABLE WATER SUPPLY IS PROTECTED FROM CONTAMINATION USING APPROVED PREVENTION DEVICES INSTALLED IN ACCORDANCE WITH THE BUILDINGS DEPARTMENT REQUIREMENTS.
7. HIGH SCHOOL LABORATORIES PROVIDED BY LOCAL RPZ.



2 P-500 ELEVATION A
SCALE: N.T.S.

3 P-500 SITE PLAN
SCALE: N.T.S.

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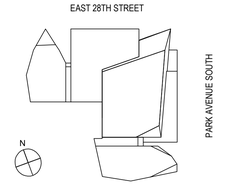

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PLUMBING BACKFLOW PREVENTION DEVICES

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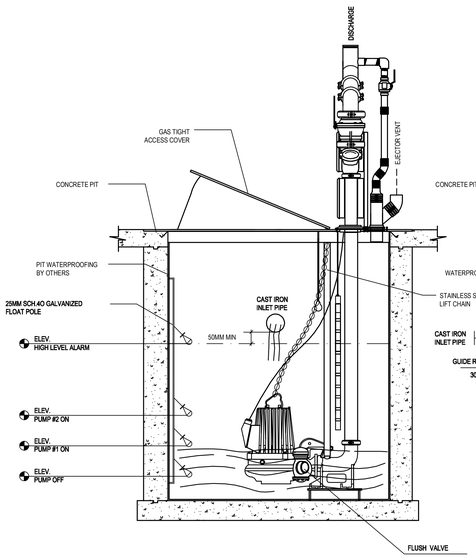
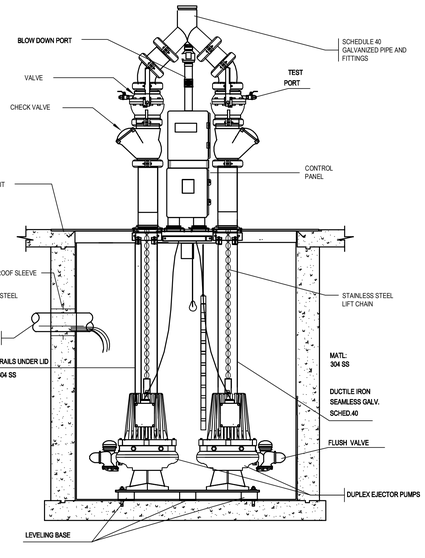
DEPT OF BLDGS 121181808 Job Number
ES630184551 Sign Code

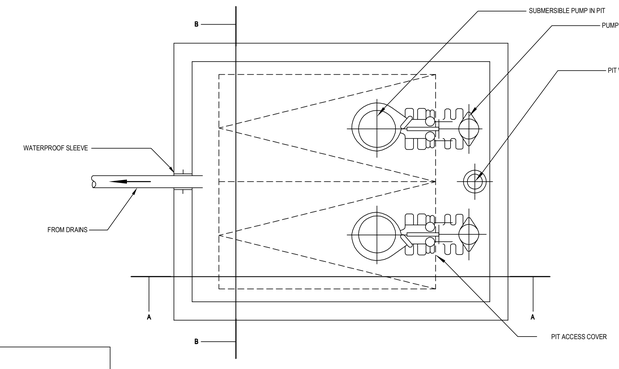
FILE NAME C:_WORK\120071\PLUM\120071-P501 (Detail sheet #1).dwg SAVED DN 6/15/2012 6:51 PM PLOTTED DN 6/15/2012 7:12 PM PLOTTED BY MCGUIRE, BRIAN



DUPLEX SEWAGE EJECTOR DETAIL SIDE VIEW SECTION A–A
NO SCALE

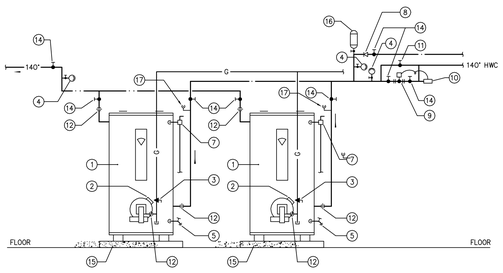


DUPLEX SEWAGE EJECTOR DETAIL FRONT VIEW SECTION B–B
NO SCALE



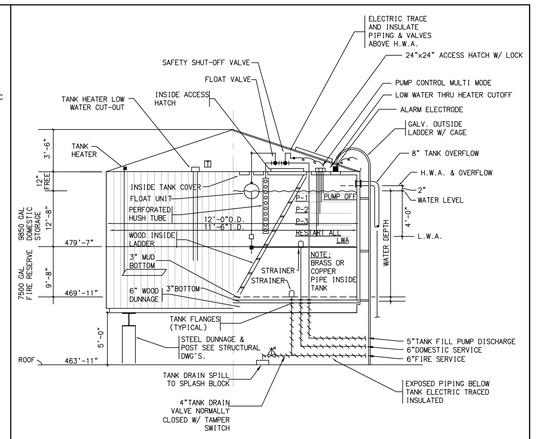
NOTE:
SEE PLANS FOR EXACT PIT DIMENSIONS AND LOCATIONS.

EJECTOR PUMP PLAN DETAIL
NO SCALE

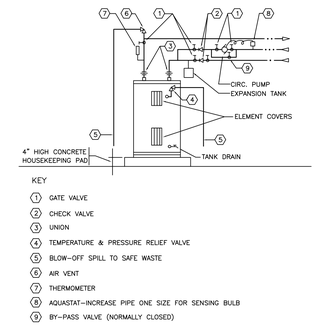


1. GAS FIRED WATER HEATER
2. FLUE CONNECTION–COORDINATE WITH HVAC CONTRACTOR
3. GAS SHUT–OFF PLUG VALVE
4. THERMOMETER
5. HEATER DRAIN
6. TEMPERATURE REGULATING VALVE
7. TEMPERATURE & PRESSURE RELIEF VALVE–PIPE TO FLOOR DRAIN
8. CHECK VALVE
9. INLINE CIRCULATION PUMP
10. AQUASTAT
11. CIRCULATING PUMP BY–PASS (NORMALLY CLOSED)
12. UNION
13. AIR VENT – PIPE TO FLOOR DRAIN
14. GATE VALVE
15. CONCRETE BASE
16. EXPANSION TANK
17. RELIEF VALVE

SCHEMATIC DIAGRAM OF DUPLEX GAS FIRED WATER HEATER
NOT TO SCALE

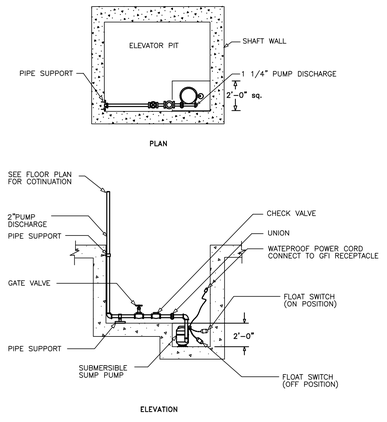


OUTSIDE WOOD COMBINED STORAGE TANK SECTION
NOT TO SCALE (TYPICAL FOR TWO)

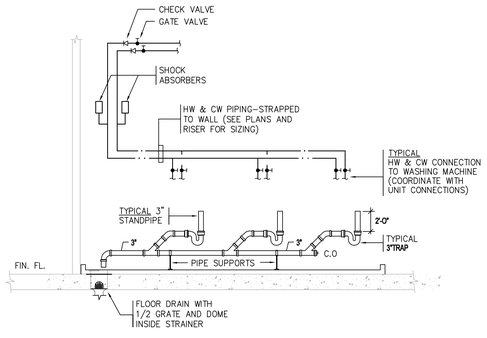


KEY
1. GATE VALVE
2. CHECK VALVE
3. UNION
4. TEMPERATURE & PRESSURE RELIEF VALVE
5. BLOW–OFF SPILL TO SAFE WASTE
6. AIR VENT
7. THERMOMETER
8. AQUASTAT–INCREASE PIPE ONE SIZE FOR SENSING BULB
9. BY–PASS VALVE (NORMALLY CLOSED)

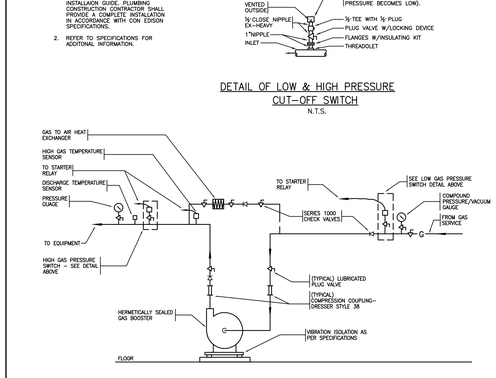
WATER HEATER DETAIL
NOT TO SCALE



ELEVATOR SUMP PUMP DETAIL
NOT TO SCALE

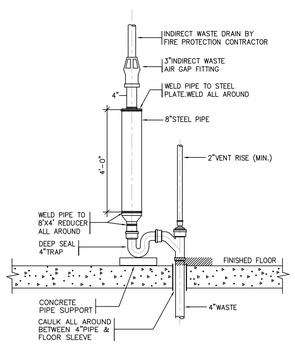


WASHING MACHINE DRAIN – WITH STANDPIPE
NO SCALE



DETAIL OF LOW & HIGH PRESSURE CUT–OFF SWITCH
N.T.S.

SCHEMATIC DIAGRAM GAS BOOSTER
NOT TO SCALE



TYPICAL FUNNEL DRAIN
NO SCALE

Damian Titus
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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:16 AM
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400PAS

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NO.	DATE	ISSUANCE
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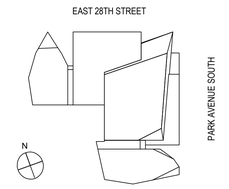
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

PLUMBING DRAWING TITLE:
DETAIL SHEET #1

DRAWING NO:
P-501.00

NYC DOB NO: 121181808 | 42 of 43

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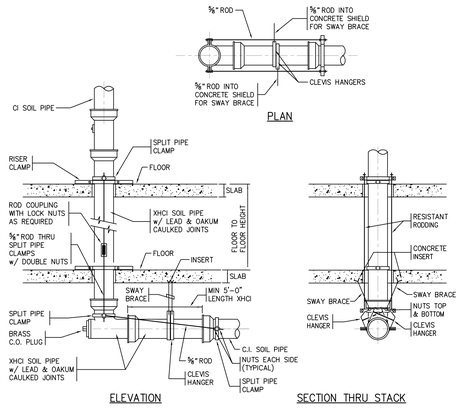
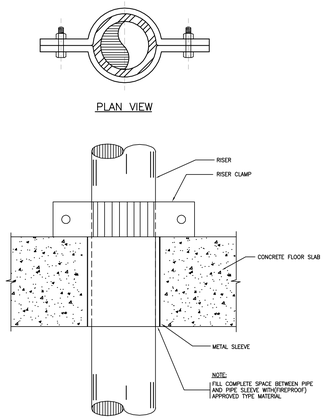


THIS DETAIL USED @ BASE OF HIGH RISE BUILDINGS STACKS (WHERE HIGH HEAD CONDITIONS MIGHT OCCUR DUE TO LINE BLOCKAGES, HIGH STATIC HEADS, ETC).

DETAIL OF PIPING AT BASE OF STACKS
BASE OF LEADERS SIMILAR
NO SCALE



TYPICAL RISER ANCHOR DETAIL
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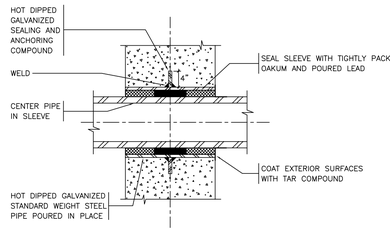
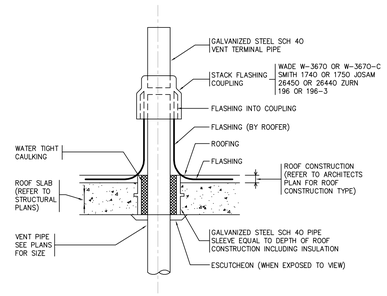
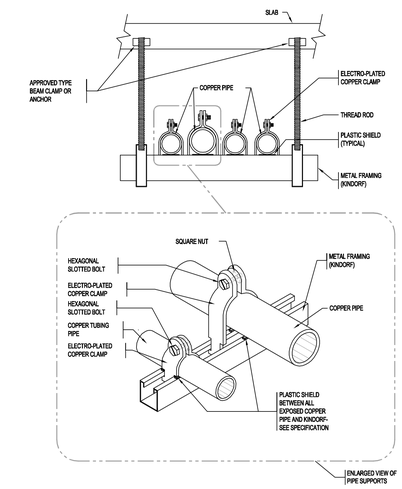


WATERTIGHT SLEEVES (WT SLV)
THRU CONCRETE FOUNDATION WALLS
NO SCALE



VENT THRU ROOF – FLASHING
NO SCALE



TYPICAL SUPPORT DETAIL
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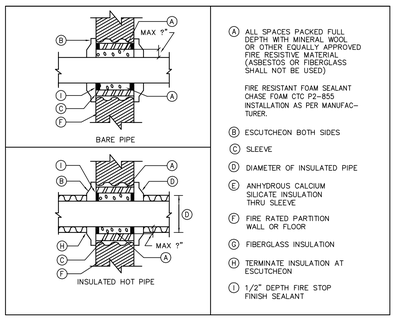
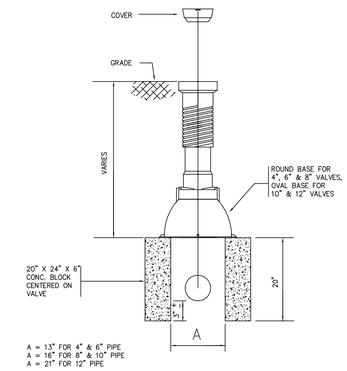


DETAIL OF PIPING PIERCING FIRE RATED PARTITIONS, WALLS AND FLOORS
NO SCALE



VALVE BOX DETAIL
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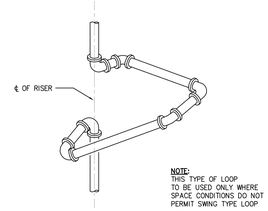

SIX ELBOW SWING EXPANSION LOOP
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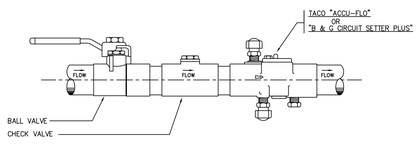

TYPICAL BALANCING VALVE RIG
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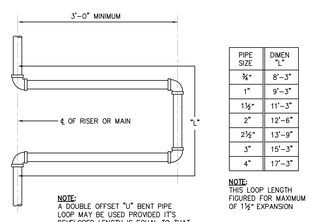
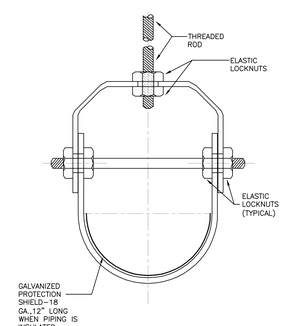


PIPE SIZE	DIMEN "L"
¾"	8'-3"
1"	9'-3"
1¼"	11'-3"
2"	12'-6"
2½"	13'-9"
3"	15'-3"
4"	17'-3"

NOTE:
THIS LOOP LENGTH FIGURED FOR MAXIMUM OF 1½" EXPANSION

FOUR ELBOW SWING EXPANSION LOOP
NO SCALE



CLEVIS HANGER
NO SCALE

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Under Directive 2 of 1975
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NO.	DATE	ISSUANCE
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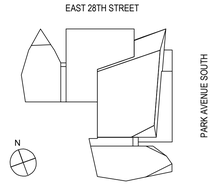
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
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PLUMBING DRAWING TITLE:
DETAIL SHEET #2

DRAWING NO:
P-502.00

NYC DOB NO: 121181808 | 43 of 43

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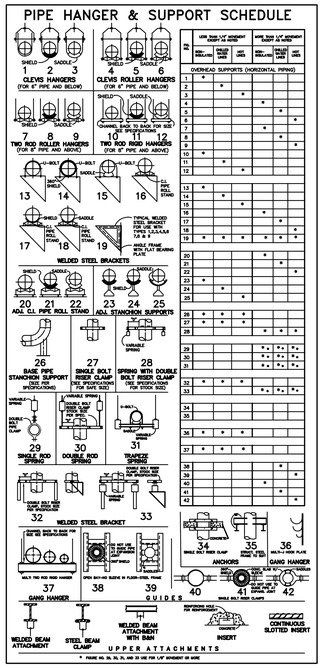
FILE NAME C:_WORK\120071\PLUM\120071-P502 (Detail sheet #2).dwg SAVED ON 6/15/2012 6:51 PM PLOTTED ON 6/15/2012 7:12 PM PLOTTED BY MCGUIRE, BRIAN

DEPT OF BLDGS 121181808 Job Number
E5661954731 Skript Code

400PAS

PIPE HANGER & SUPPORT SCHEDULE



NO.	USE THIS 1/4" ATTACHMENT SHEET AS NOTED: NON-SEISMIC	WELDED LOAD	ANC. BOLTS	MORE THAN 1/4" ATTACHMENT SHEET AS NOTED: NON-SEISMIC	WELDED LOAD	ANC. BOLTS
	OVERHEAD SUPPORTS (HORIZONTAL PIPING)					
1	*					
2		*				
3			*			
4				*		
5					*	
6						*
7				*		
8					*	
9						*
10	*					
11		*				
12			*			
13	*					
14		*				
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16				*		
17					*	
18						*
19	*	*	*	*	*	*
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24		*				
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28				*	*	*
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32	*	*	*			
33				*	*	*
34						
35						
36	*	*	*			
37	*	*	*			
38						*
39						*
40					*	
41						*
42						*
43						*

* PIPING NO. 26, 28, 34, 35, AND 36 USE PER 1/4" ATTACHMENT SHEET AS NOTED

DIFFUSER SCHEDULE

NECK SIZE	PATTERN	BLANK-OFF	MAX-CFM	SYMBOL
9 x 9	4 WAY	NONE	340	4
9 x 9	4 WAY	1	255	3
9 x 9	4 WAY	2	170	2
9 x 9	4 WAY	3	85	1
9 x 9	3 WAY	NONE	340	3
9 x 9	2 WAY	NONE	340	2
9 x 9	1 WAY	NONE	340	1
12 x 12	ALL PATT	NONE	500	

BRANCH DUCT SIZE SCHEDULE

DUCT SIZE	MAXIMUM CFM
14 x 4	200
14 x 6	400
16 x 6	450
18 x 6	525
24 x 6	750

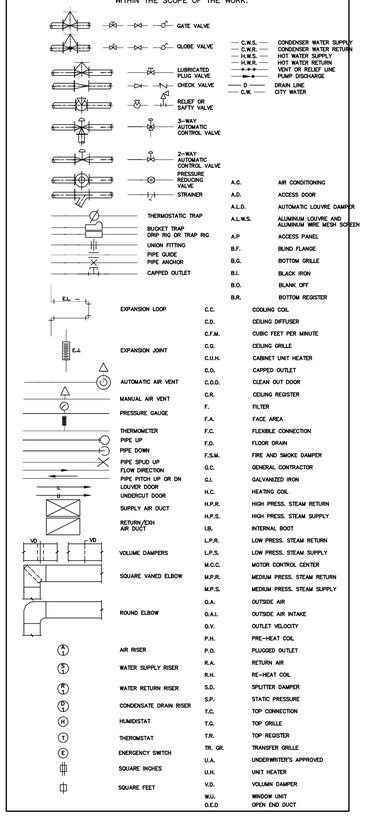
RETURN REGISTER SCHEDULE

SIZE	DUCTED MAX. CFM	NON DUCTED MAX. CFM
10 x 10	275	150
10 x 22	575	300
22 x 22	1500	700
24 x 24	2000	1000

NOTES:
ALL TOILET EXHAUST REGISTERS TO BE 6x6.

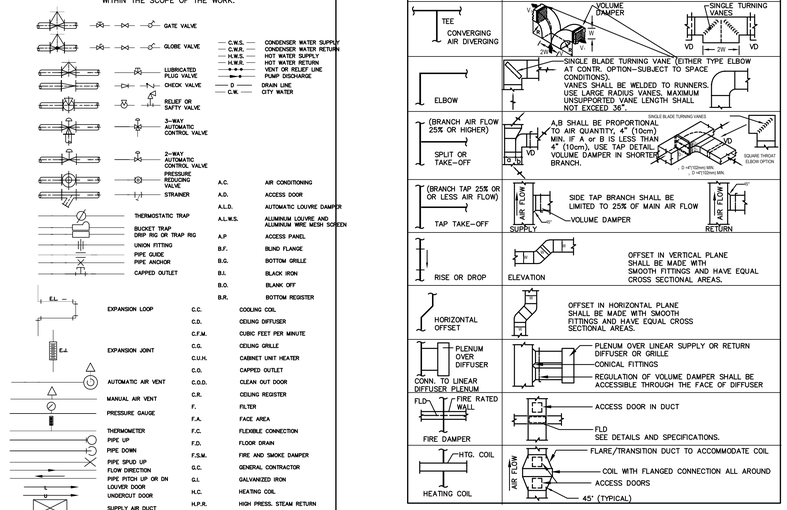
KEY OF SYMBOLS

NOTE: THE KEY OF SYMBOLS INDICATED IS FOR CONVENIENCE ONLY AND ITEMS INDICATED ARE NOT NECESSARILY WITHIN THE SCOPE OF THE WORK.



INTERPRETATION OF SINGLE LINE DUCTWORK

WHERE DUCTWORK IS SHOWN SINGLE LINE, FOLLOWING SHALL APPLY FOR ACTUAL DUCT CONSTR.



NYC BUILDING DEPT. NOTES

GENERAL NOTES

1. ALL WORK AND COMPONENTS AS SHOWN ON THESE PLANS COMPLY WITH THE NEW YORK BUILDING LAWS AS OF JULY 1, 2008 AS AMENDED TO THIS DATE.
2. NEW YORK STATE ENERGY CONSERVATION CODE 2007 HAVE BEEN FOLLOWED.
3. THE MECHANICAL SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE NEW YORK CITY MECHANICAL CODE 2008.
4. THE HEATING AND AIR CONDITIONING SYSTEMS HAVE BEEN DESIGNED TO MAINTAIN A MINIMUM TEMPERATURE OF 76 DEG. F (SUMMER), AND A MAXIMUM TEMPERATURE OF 72 DEG. F (WINTER).
5. TEMPERATURE VARYING FROM THESE POINTS WILL BE ACCOMPLISHED WITHOUT THE USE OF ADDITIONAL FUEL.
6. INSPECTIONS AND TESTING AS PER SECTION MC 107 OF NYC BUILDING CODE 2008 SHALL BE PERFORMED BY SPECIAL INSPECTORS RETAINED BY THE CONTRACTOR.

PRE-PURCHASE CO-GENERATION SYSTEM

Where the Heating, Ventilating and Air Condition trade is required to install Co-Generation System, it shall include for such items:

- The coordination of their delivery.
- Their unloading from delivery trucks driven in to any designated point on the property line at grade level.
- Their safe handling and field storage up to the time of permanent placement in the project.
- The correction of any damage, defacement or corrosion to which they may have been subjected.
- Their field assembly and internal connection as may be necessary for their proper operation.
- Their mounting in place including the purchase and installation of all dunnage supporting members and fastenings necessary to adapt them or architectural and structural conditions.
- Their connection to building systems including the purchase and installation of all terminating fittings necessary to adapt and connect them to the building systems.
- Items which are to be installed by not purchased as part of the work of the Heating, Ventilating and Air Conditioning trade shall be carefully examined by this trade upon delivery to the project. Claims that any of these item have been received in such condition that their installation will require procedures beyond the reasonable scope of work of the Heating, Ventilating and Air Conditioning trade will be considered only if presented in writing within one week of the date of delivery to the project of the items in question.. The work of the Heating, Ventilating and Air Conditioning trade shall include all procedures, regardless of how expensive, necessary to put into satisfactory operation, all items for which no claims have been submitted as outlined above.

GENERAL NOTES

1. ALL WORK AND MATERIAL TO BE IN ACCORDANCE WITH BASE BUILDING SPECIFICATIONS UNLESS NOTED OTHERWISE ON PLANS.
2. WHERE PIPING, LIGHTS AND DUCTWORK CONFLICT, DUCTWORK SHALL BE COORDINATED TO SUIT CONDITIONS.
3. ALL DUCTWORK TO BE KEPT AS HIGH AS POSSIBLE SO AS TO MAINTAIN CEILING HEIGHTS SHOWN ON ARCHITECTURAL DRAWINGS.
4. PROVIDE VOLUME DAMPERS ON ALL SPLITS AND TAPS FOR ALL DUCTWORK.
5. ACCESS IS REQUIRED BELOW ALL AUTOMATIC DAMPERS AND AC UNITS.
6. FOR EXACT LOCATION OF CEILING DIFFUSERS AND REGISTERS REFER TO ARCHITECT'S REFLECTED CEILING PLAN.
7. FOR EXACT LOCATION AND ARRANGEMENT OF ROOM THERMOSTATS SEE ARCHITECT'S DRAWINGS. FINAL LOCATION OF THERMOSTATS MUST BE COORDINATED WITH FURNITURE LAYOUT.
8. CONTRACTOR SHALL BALANCE ENTIRE SYSTEM TO CONFORM TO AIR QUANTITIES SHOWN.
9. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLED INSPECTION AS PART OF THIS CONTRACT. MECHANICAL CONTRACTOR SHALL PROVIDE THE NAME OF A LICENSED PROFESSIONAL ENGINEER TO ARCHITECT WHEN AWARDED CONTRACT.
10. PROVIDE SMOKE DETECTOR AT SUPPLY MAIN DUCT FOR A.C. UNITS WITH AIR CAPACITY MORE THAN 2000 CFM.
11. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

MECHANICAL DRAWING LIST:

DWG NO.	DESCRIPTION
M-001.00	MECHANICAL LEGEND, SYMBOLS AND DRAWING LIST
M-099.00	SUB CELLAR MECHANICAL PLAN
M-100.00	CELLAR MECAHNICAL PLAN
M-101.00	GROUND FLOOR MECAHNICAL PLAN
M-102.00	2ND FLOOR MECHANICAL PLAN
M-103.00	3RD FLOOR MECAHNICAL PLAN (4-6 SIMILAR)
M-107.00	7TH FLOOR MECHANICAL PLAN (8-19 SIMILAR)
M-120.00	20TH FLOOR MECHANICAL PLAN
M-121.00	21ST FLOOR MECHANICAL PLAN (22 SIMILAR)
M-123.00	23RD FLOOR MECHANICAL PLAN (24-26 SIMILAR)
M-127.00	27TH FLOOR MECHANICAL PLAN
M-128.00	28TH FLOOR MECHANICAL PLAN (29 SIMILAR)
M-130.00	30TH FLOOR MECHANICAL PLAN
M-131.00	31ST FLOOR MECHANICAL PLAN (32-36 SIMILAR)
M-137.00	37TH FLOOR MECHANICAL PLAN (38 SIMILAR)
M-139.00	39TH FLOOR MECHANICAL PLAN
M-140.00	40TH FLOOR MECHANICAL PLAN
M-141.00	41ST, 42ND & 43RD FLOOR MECHANICAL PLAN
M-301.00	MECHANICAL AIR RISER DIAGRAM No.1
M-302.00	MECHANICAL AIR RISER DIAGRAM No.2
M-303.00	MECHANICAL FLOW RISER DIAGRAM
M-401.00	MECHANICAL SCHEDULE SHEET
M-501.00	MECHANICAL DETAIL SHEET NO.1
M-502.00	MECHANICAL DETAIL SHEET NO.2
M-601.00	REMOTE FUNCTIONS SHEET NO.1
M-602.00	REMOTE FUNCTIONS SHEET NO.2
M-603.00	REMOTE FUNCTIONS SHEET NO.3
M-604.00	MOTOR CONTROL LIST SHEET NO.1
M-605.00	MOTOR CONTROL LIST SHEET NO. 2

CO-GENERATION UNIT

CO-GENERATION UNIT TO BE PRE-PURCHASED BY OWNER AND INSTALLED BY MECHANICAL CONTRACTOR. CONTRACTOR TO COORDINATE ENTIRE INSTALLATION WITH UNIT MANUFACTURER AND ELECTRICAL CONTRACTOR FOR A COMPLETE WORKING SYSTEM.

CO-GENERATION UNIT DATA FROM "AEGENCO" 75.0 KW
UNIT GAS PRESSURE REQUIRED 4.0" W.C

TABLE OF GUIDE SPACINGS

NOMINAL PIPE SIZE	MAXIMUM DISTANCE		MAXIMUM DISTANCE BETWEEN INTERMEDIATE GUIDES (FT) FOR PRESSURES (PSIG) SHOWN BELOW							
(IN)	EXPANSION JOINT TO FIRST GUIDE	FIRST TO SECOND GUIDE	50	100	150	200	250	300	350	400
3	1'-0"	3'-6"	21	19	17	16	15	14	13	13
4	1'-4"	4'-8"	35	29	25	22	20	19	18	17
6	2'-0"	7'-0"	57	44	37	32	29	27	25	23
8	2'-8"	9'-4"	66	52	45	40	36	33	31	29
10	3'-4"	11'-8"	91	69	58	51	46	42	39	36
12	4'-0"	14'-0"	107	79	66	58	52	48	44	41
14	4'-8"	16'-4"	115	85	71	62	56	51	47	
16	5'-4"	18'-8"	127	94	78	68	61	56	52	
18	6'-0"	21'-0"	139	102	85	74	67	61	56	
20	6'-8"	23'-4"	151	110	91	80	71			
24	8'-0"	28'-0"	172	125	103	89	80			
30	10'-0"	35'-0"	200	144	118	103	92			

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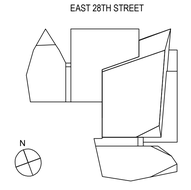
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
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DRAWING TITLE:
MECHANICAL LEGEND, SYMBOLS & DRAWING LIST
DRAWING NO:
M-001.00

NYC DOB NO: 121181808 | 1 of 27

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FILE NAME C:_WORK\120071\MECH\M001.00-120071 MECHANICAL LEGEND, SYMBOLS & DRAWING LIST.dwg SAVED ON 6/15/2012 6:48 PM PLOTTED ON 6/15/2012 7:02 PM PLOTTED BY MCGUIRE, BRIAN

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ES146244280 Scan Code

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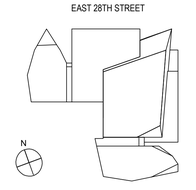

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PROJECT NO: 120071

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DRAWING TITLE:

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MECHANICAL PLAN

DRAWING NO:

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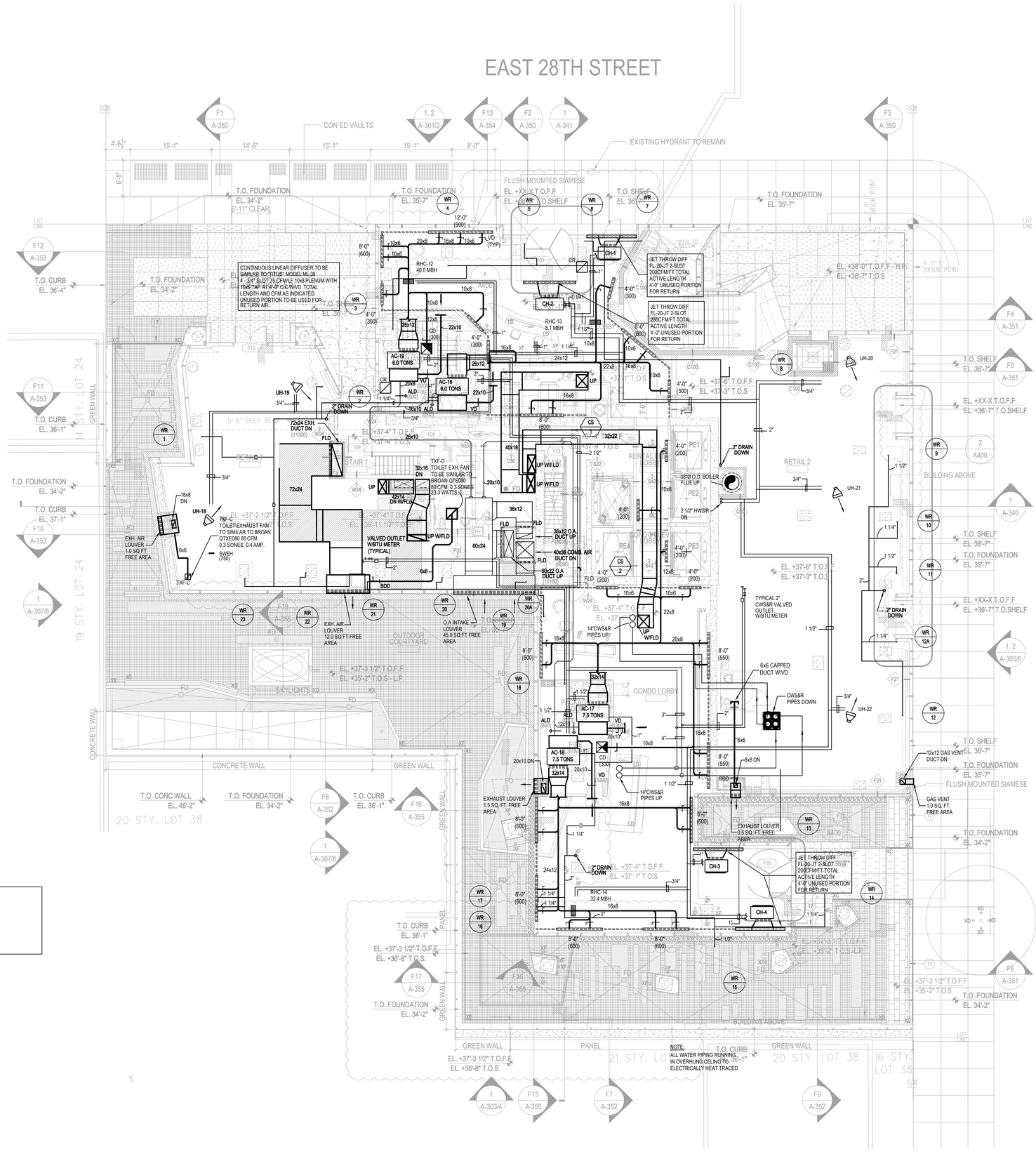

NOTE:
ALL LINEAR DIFFUSERS TO BE SIMILAR TO "TITUS" ML-37-1/2" (4) SLOT 66 CFM/LIN. FT 8"X8" PLENUM WITH 8"x 6" TAPS @ 4'-0" O.C VOLUME DAMPER EACH TAP TOTAL CFM AS INDICATED UNUSED PORTION OF PLENUM TO BE USED FOR RETURN AIR.

NOTE:
ALL WATER PIPING RUNNING IN OVERHUNG CEILING TO BE ELECTRICALLY HEAT TRACED.

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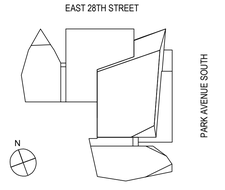

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PROJECT NO: 120071
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STATE OF NEW YORK CHARLES G. HILTON LICENSED PROFESSIONAL ENGINEER No. 51075

DRAWING TITLE:
MECHANICAL GROUND FLOOR PLAN

DRAWING NO:
M-101.00

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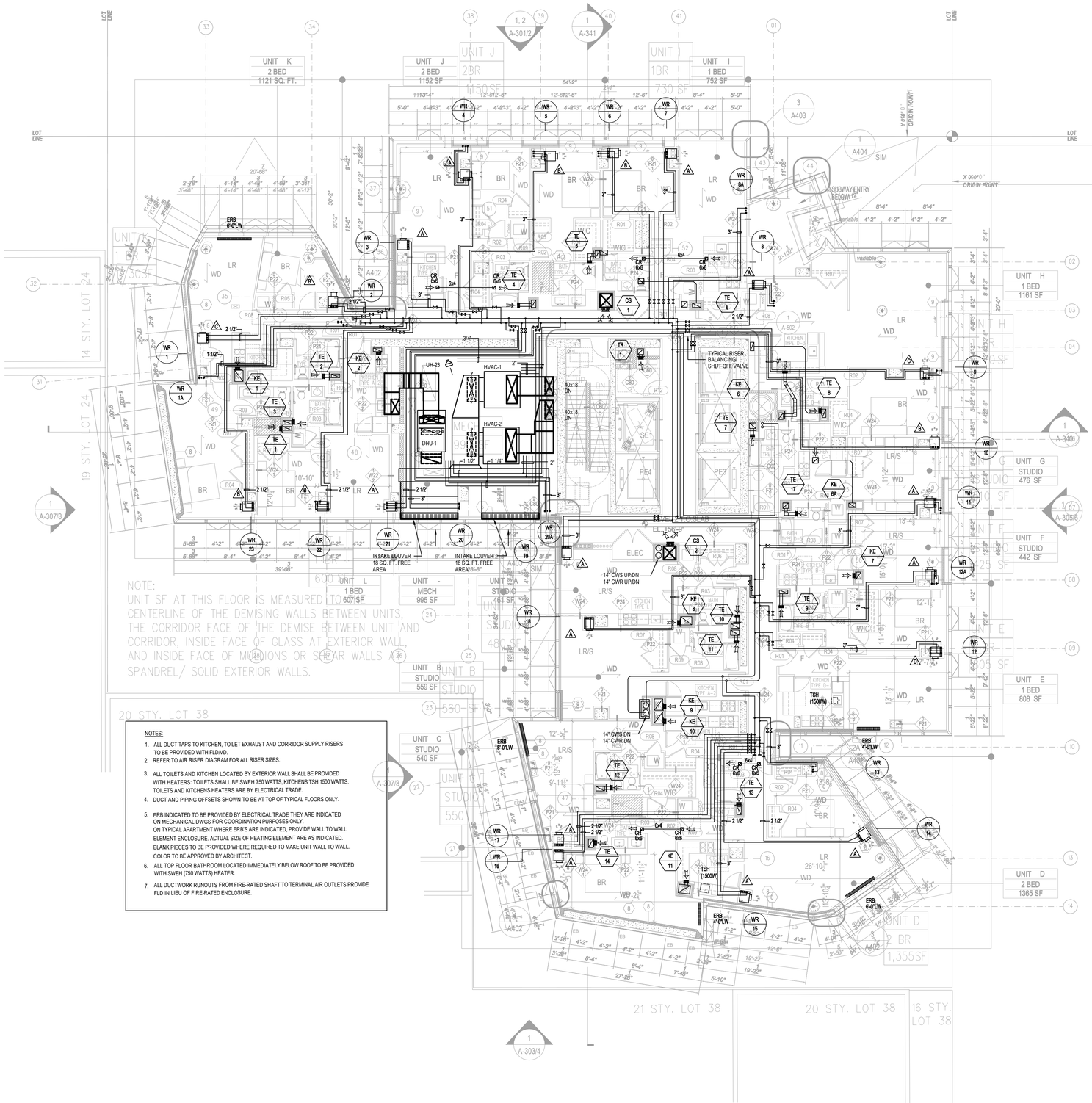

NOTES:

1. ALL DUCT TAPS TO KITCHEN, TOILET EXHAUST AND CORRIDOR SUPPLY RISERS TO BE PROVIDED WITH FLD/VD.
2. REFER TO AIR RISER DIAGRAM FOR ALL RISER SIZES.
3. ALL TOILETS AND KITCHEN LOCATED BY EXTERIOR WALL SHALL BE PROVIDED WITH HEATERS: TOILETS SHALL BE SWEH 750 WATTS, KITCHENS TSH 1500 WATTS. TOILETS AND KITCHENS HEATERS ARE BY ELECTRICAL TRADE.
4. DUCT AND PIPING OFFSETS SHOWN TO BE AT TOP OF TYPICAL FLOORS ONLY.
5. ERB INDICATED TO BE PROVIDED BY ELECTRICAL TRADE THEY ARE INDICATED ON MECHANICAL DWGS FOR COORDINATION PURPOSES ONLY. ON TYPICAL APARTMENT WHERE ERB'S ARE INDICATED, PROVIDE WALL TO WALL ELEMENT ENCLOSURE. ACTUAL SIZE OF HEATING ELEMENT ARE AS INDICATED. BLANK PIECES TO BE PROVIDED WHERE REQUIRED TO MAKE UNIT WALL TO WALL. COLOR TO BE APPROVED BY ARCHITECT.
6. ALL TOP FLOOR BATHROOM LOCATED IMMEDIATELY BELOW ROOF TO BE PROVIDED WITH SWEH (750 WATTS) HEATER.
7. ALL DUCTWORK RUNOUTS FROM FIRE-RATED SHAFT TO TERMINAL AIR OUTLETS PROVIDE FLD IN LIEU OF FIRE-RATED ENCLOSURE.

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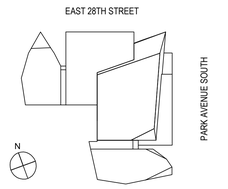
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:

MECHANICAL
2ND FLOOR PLAN

DRAWING NO:

M-102.00

NYC DOB NO: 121181808 | 5 of 27

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FILE NAME C:_WORK\120071\MECH\M102.00-120071 2ND FL MECHANICAL PLAN.dwg SAVED ON 6/15/2012 6:48 PM PLOTTED ON 6/15/2012 7:03 PM PLOTTED BY MCGUIRE, BRIAN

DEPT OF BLDGS121181808 Job Number
ES1470123300 Scan Code

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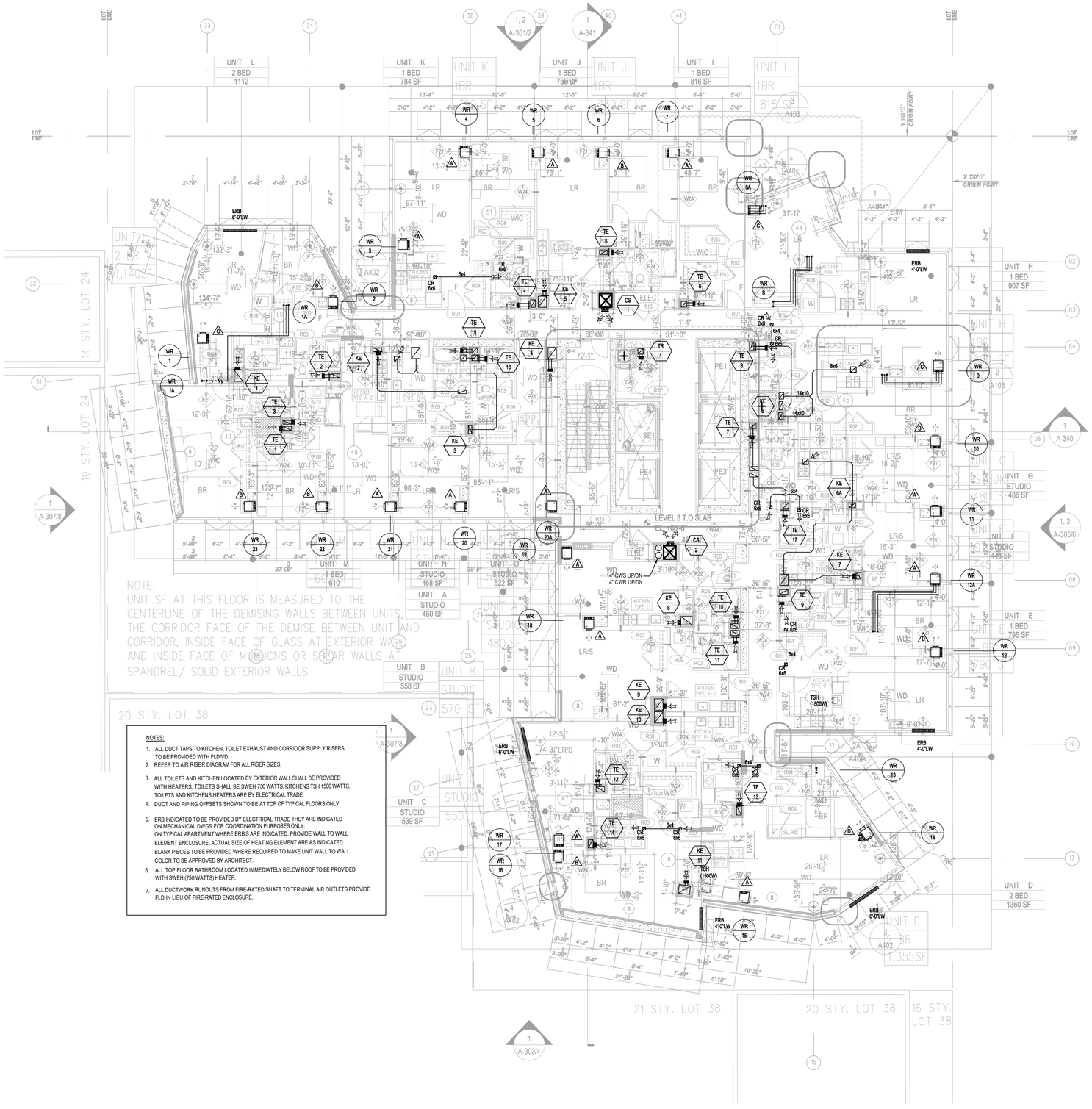

NOTES:

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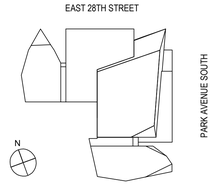

SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:
3RD FLOOR MECHANICAL PLAN (4 & 6 SIMILAR)

DRAWING NO:
M-103.00

NYC DOB NO: 121181808 | 6 of 27

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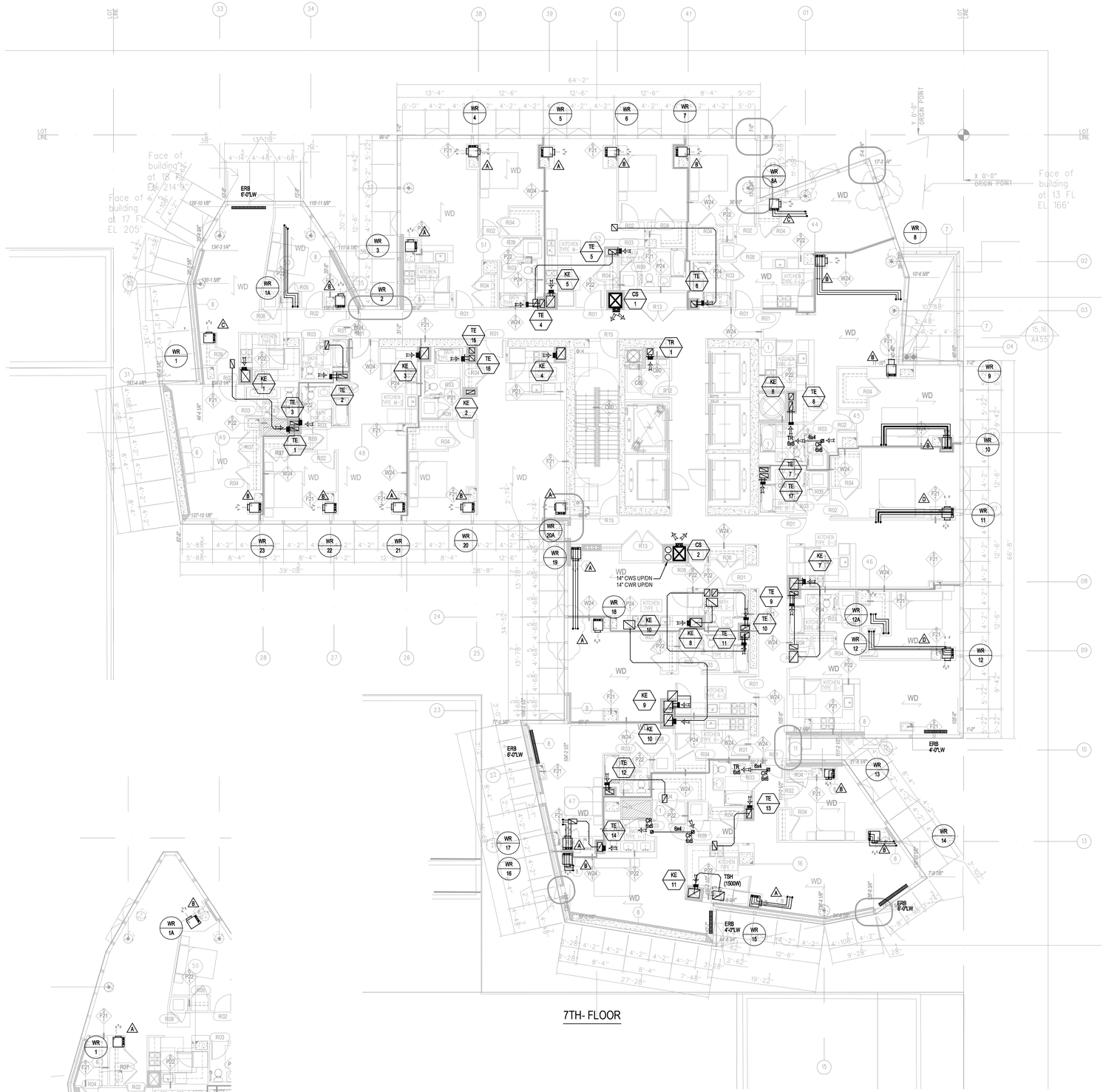
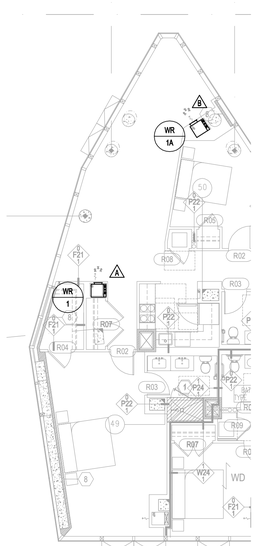
DEPT OF BLDGS 121181808 Job Number
ES9688715-S9 Scan Code

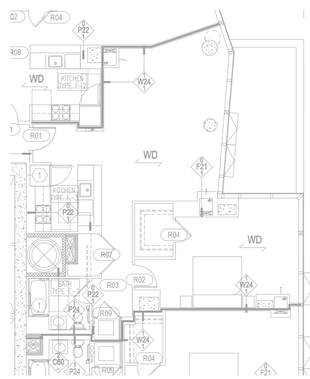
FILE NAME: C:_WORK\120071\MECH\M107.00-120071 7TH FL MECHANICAL PLAN(8-19Fl.)dwg SAVED ON 6/15/2012 6:48 PM PLOTTED ON 6/15/2012 7:04 PM PLOTTED BY MCGUIRE, BRIAN



7TH- FLOOR



16TH - 19TH FLOOR (PARTIAL)



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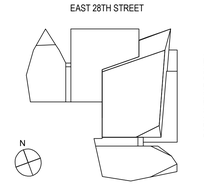

SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

STATE OF NEW YORK
DAMIAN TITUS
No. 51375
LICENSED PROFESSIONAL ENGINEER

DRAWING TITLE:
7TH FLOOR
MECHANICAL PLAN
(8TH-19TH SIMILAR)

DRAWING NO:
M-107.00

NYC DOB NO: 121181808 | 7 of 27

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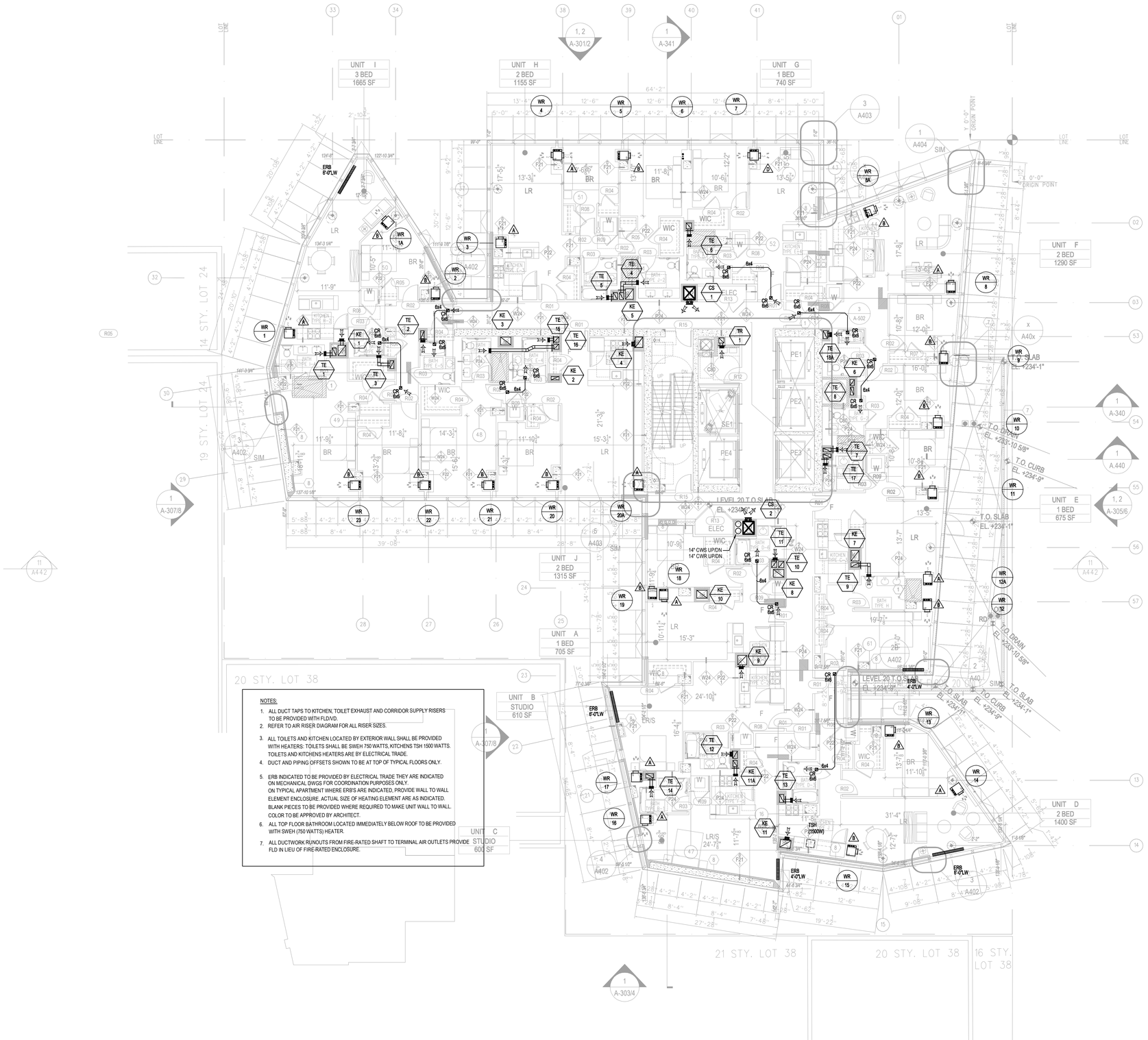
DEPT OF BLDGS 121181808 Job Number
IES7717855329 Scan Code



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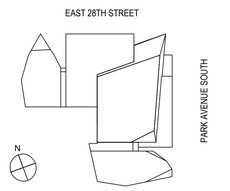

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PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:
20TH FLOOR MECHANICAL PLAN

DRAWING NO:
M-120.00

NYC DOB NO: 121181808 | 8 of 27

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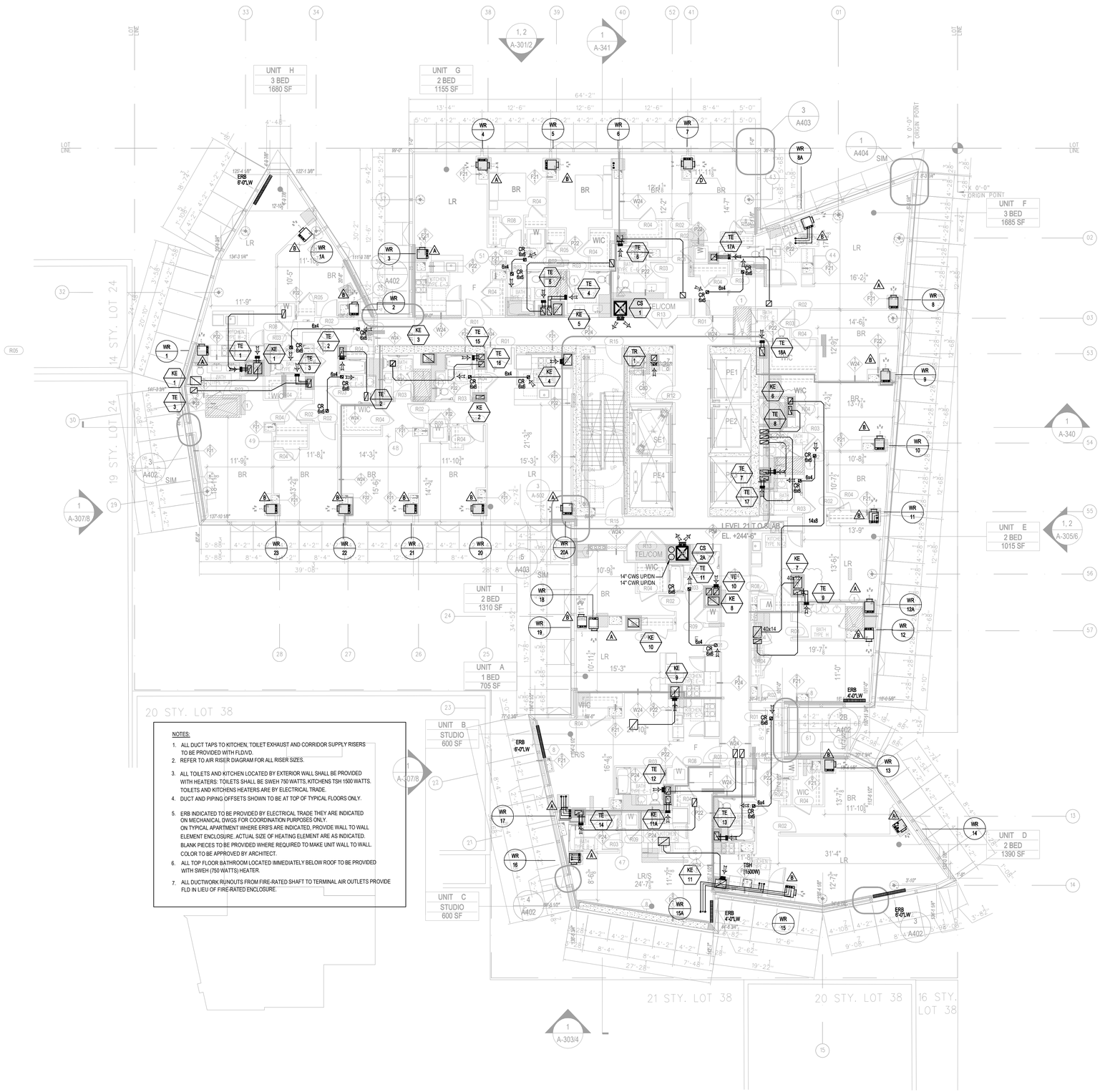
DEPT OF BLDGS 121181808 Job Number
ES0024695394 Scan Code



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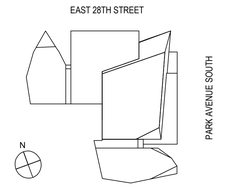
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

21 ST FLOOR MECHANICAL PLAN (22ND SIMILAR)

DRAWING TITLE:

DRAWING NO:

M-121.00

NYC DOB NO: 121181808 | 9 of 27

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DEPT OF BLDGS 121181808 Job Number
ES/06406602 Scan Code

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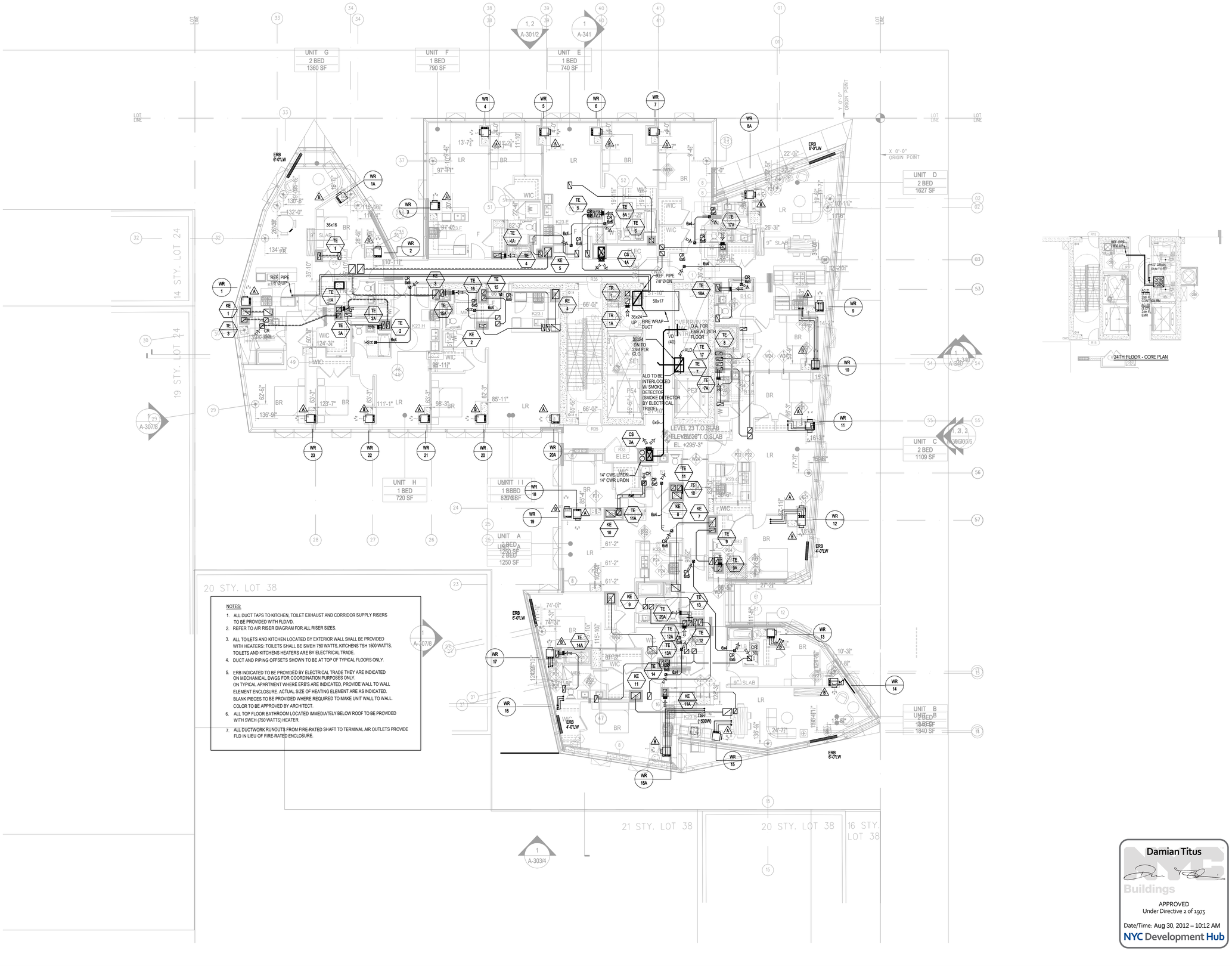

NOTES:

1. ALL DUCT TAPS TO KITCHEN, TOILET EXHAUST AND CORRIDOR SUPPLY RISERS TO BE PROVIDED WITH FLD/VD.
2. REFER TO AIR RISER DIAGRAM FOR ALL RISER SIZES.
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4. DUCT AND PIPING OFFSETS SHOWN TO BE AT TOP OF TYPICAL FLOORS ONLY.
5. ERB INDICATED TO BE PROVIDED BY ELECTRICAL TRADE THEY ARE INDICATED ON MECHANICAL DWGS FOR COORDINATION PURPOSES ONLY. ON TYPICAL APARTMENT WHERE ERB'S ARE INDICATED, PROVIDE WALL TO WALL ELEMENT ENCLOSURE. ACTUAL SIZE OF HEATING ELEMENT ARE AS INDICATED. BLANK PIECES TO BE PROVIDED WHERE REQUIRED TO MAKE UNIT WALL TO WALL. COLOR TO BE APPROVED BY ARCHITECT.
6. ALL TOP FLOOR BATHROOM LOCATED IMMEDIATELY BELOW ROOF TO BE PROVIDED WITH SWEH (750 WATTS) HEATER.
7. ALL DUCTWORK RUNOUTS FROM FIRE-RATED SHAFT TO TERMINAL AIR OUTLETS PROVIDE FLD IN LIEU OF FIRE-RATED ENCLOSURE.

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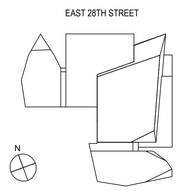

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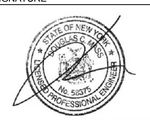
PROJECT NO: 120071
SEAL & SIGNATURE



DRAWING TITLE:
23RD FLOOR MECHANICAL PLAN (24-26 SIMILAR)
DRAWING NO:
M-123.00

NYC DOB NO: 121181808 | 10 of 27

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ES2067755N Scan Code

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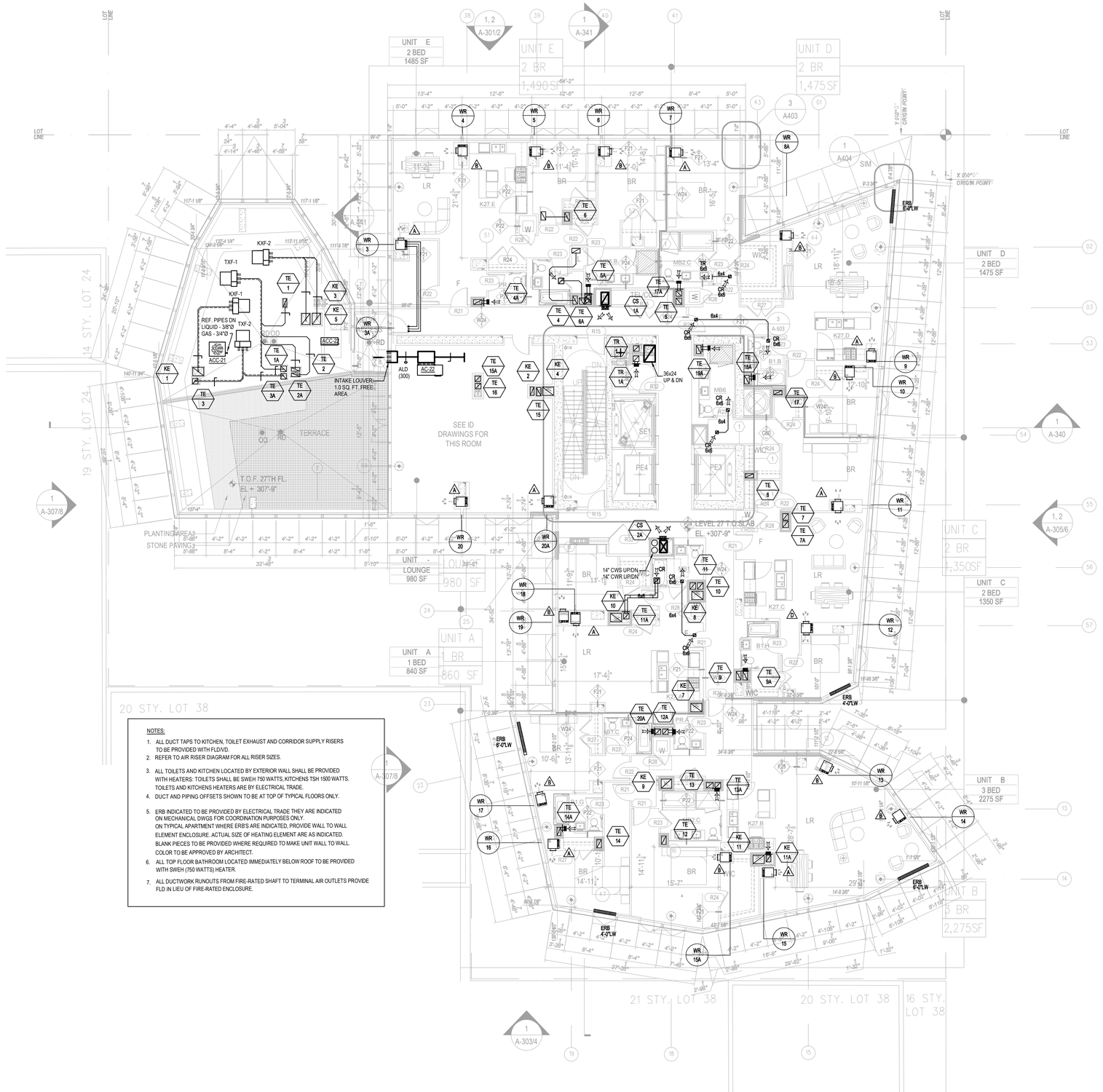

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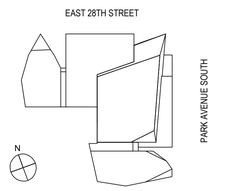
KEY PLAN



SCALE:

PROJECT NO: 120071

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DRAWING TITLE:

27TH FLOOR MECHANICAL PLAN

DRAWING NO:

M-127.00

NYC DOB NO: 121181808 | 11 of 27

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IE5978047619 Scan Code

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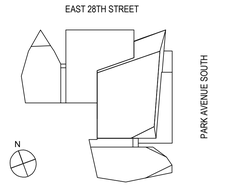

SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:

28TH FLOOR
MECHANICAL PLAN
(29TH SIMILAR)

DRAWING NO:

M-128.00

NYC DOB NO: 121181808 | 12 of 27

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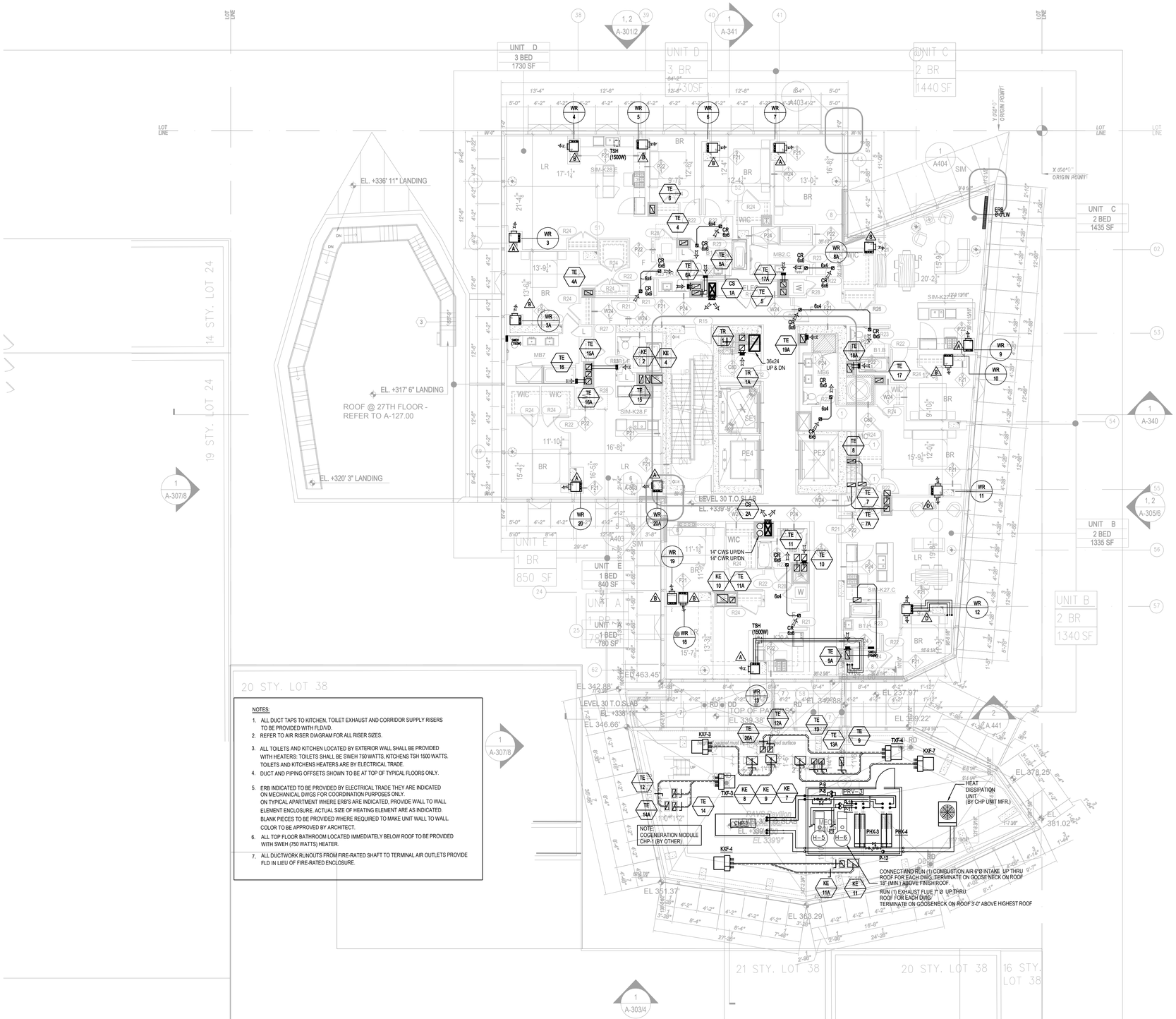

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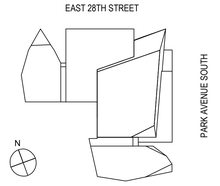

SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:
30TH FLOOR MECHANICAL PLAN

DRAWING NO:
M-130.00

NYC DOB NO: 121181808 | 13 of 27

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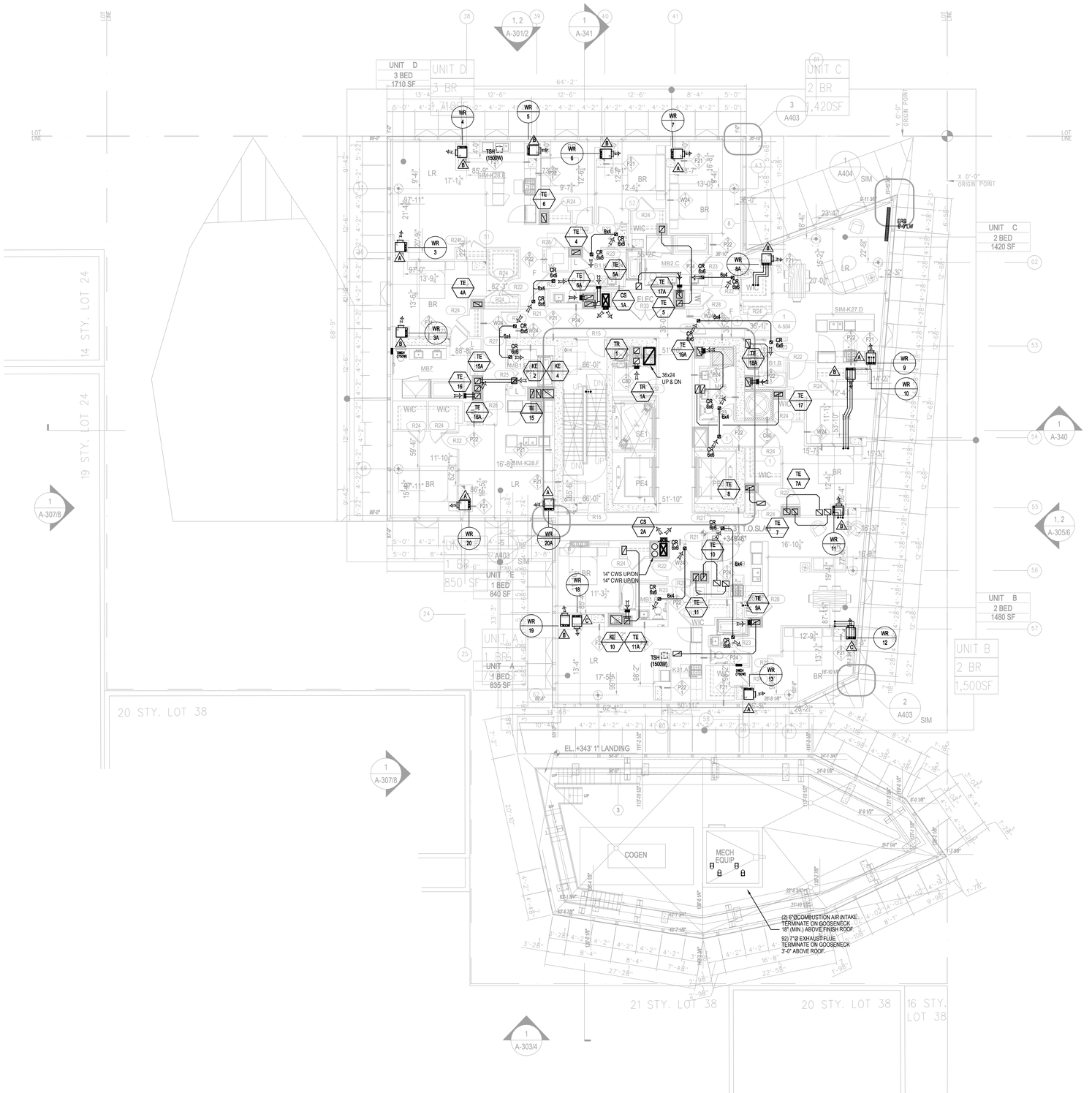

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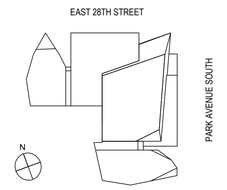
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:12 AM
NYC Development Hub

DRAWING TITLE:
31ST FLOOR
MECHANICAL PLAN
(32- 36 SIMILAR)

DRAWING NO:
M-131.00

NYC DOB NO: 121181808 | 14 of 27

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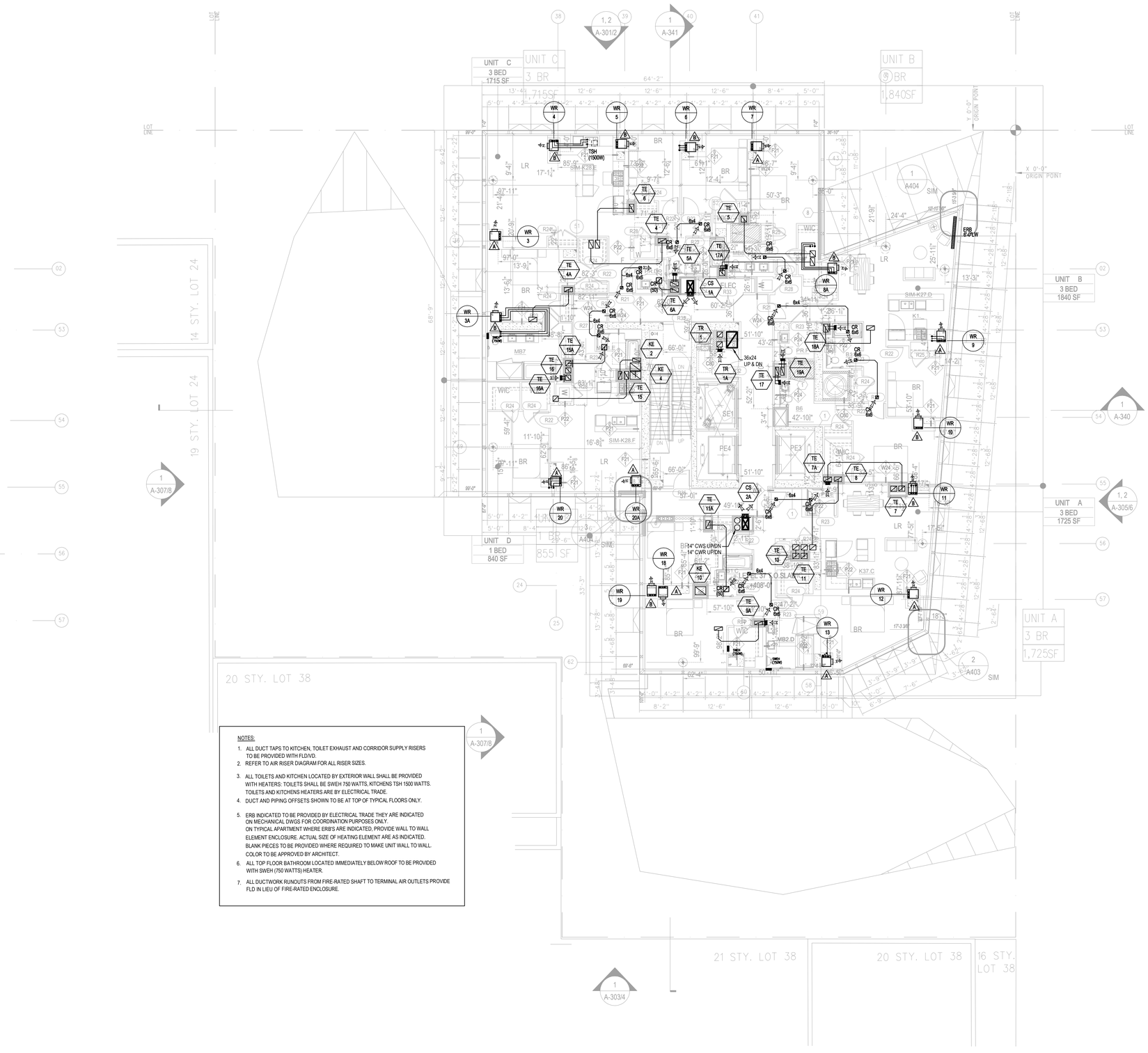
FILE NAME C:_WORK\120071\MECH\M131.00-120071 31ST FL MECHANICAL PLAN (32-36 SIMILAR).dwg SAVED ON 6/15/2012 6:48 PM PLOTTED ON 6/15/2012 7:05 PM PLOTTED BY MCGUIRE, BRIAN

DEPT OF BLDGS121181808 Job Number
E3062226035 Scan Code



NOTES:

1. ALL DUCT TAPS TO KITCHEN, TOILET EXHAUST AND CORRIDOR SUPPLY RISERS TO BE PROVIDED WITH FLD/VD.
2. REFER TO AIR RISER DIAGRAM FOR ALL RISER SIZES.
3. ALL TOILETS AND KITCHEN LOCATED BY EXTERIOR WALL SHALL BE PROVIDED WITH HEATERS: TOILETS SHALL BE SWEH 750 WATTS, KITCHENS TSH 1500 WATTS. TOILETS AND KITCHENS HEATERS ARE BY ELECTRICAL TRADE.
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6. ALL TOP FLOOR BATHROOM LOCATED IMMEDIATELY BELOW ROOF TO BE PROVIDED WITH SWEH (750 WATTS) HEATER.
7. ALL DUCTWORK RUNOUTS FROM FIRE-RATED SHAFT TO TERMINAL AIR OUTLETS PROVIDE FLD IN LIEU OF FIRE-RATED ENCLOSURE.

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NO.	DATE	ISSUANCE
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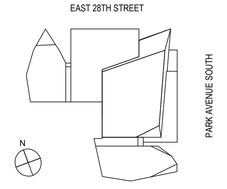
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:

PROJECT NO: 120071

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DRAWING TITLE:
37TH FLOOR MECHANICAL PLAN (38 SIMILAR)

DRAWING NO:
M-137.00

NYC DOB NO: 121181808 | 15 of 27

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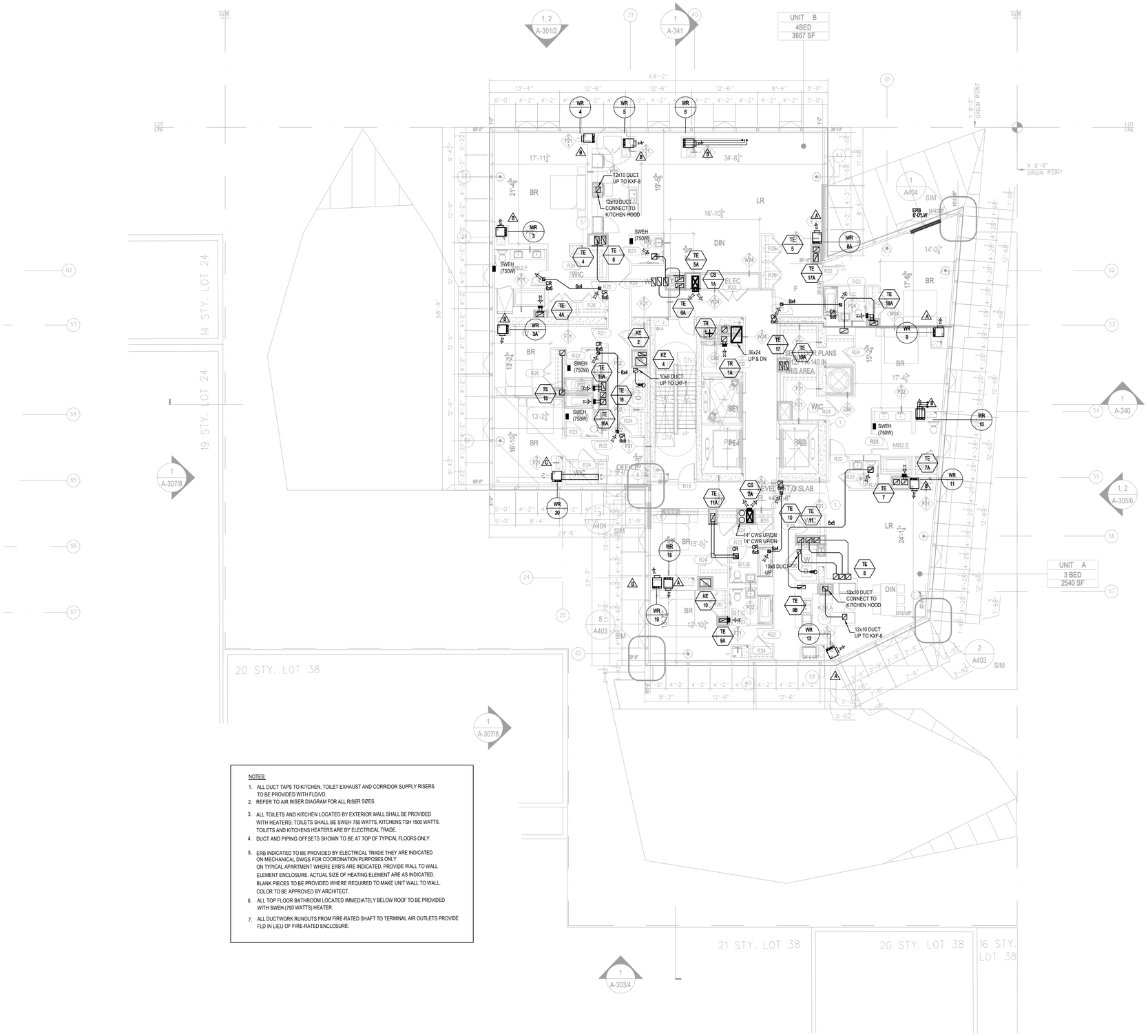
DEPT OF BLDGS 121181808 Job Number
E562317329 Scan Code



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1	02.17.12	DESIGN DEVELOPMENT
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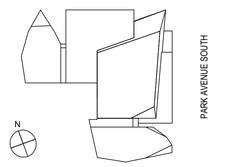

SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:
39TH FLOOR MECHANICAL PLAN

DRAWING NO:
M-139.00

NYC DOB NO: 121181808 | 16 of 27

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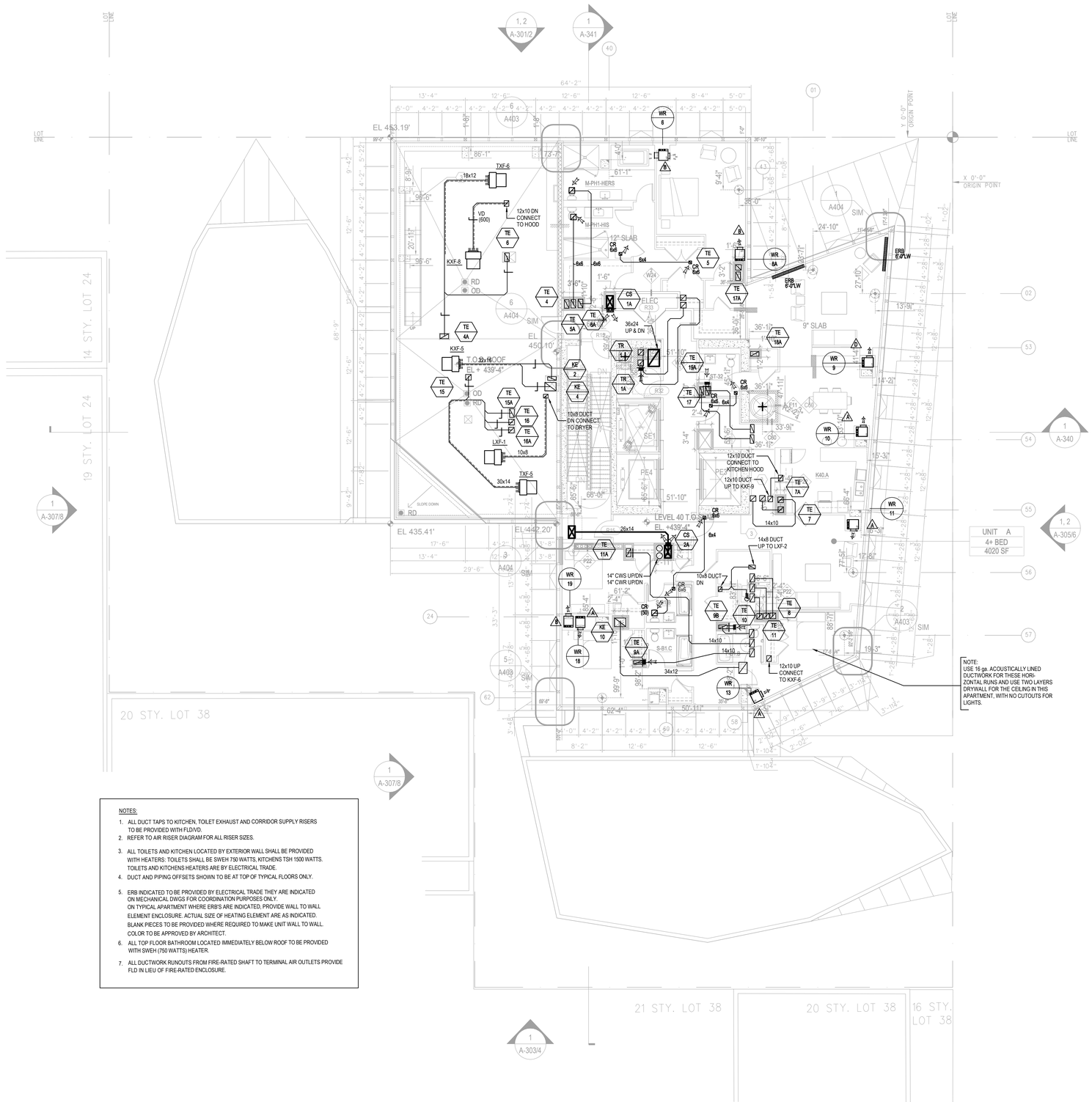
DEPT OF BLDGS 121181808 Job Number
ES445817473 Scan Code



NOTE:
USE 16 ga. ACOUSTICALLY LINED DUCTWORK FOR THESE HORIZONTAL RUNS AND USE TWO LAYERS DRYWALL FOR THE CEILING IN THIS APARTMENT, WITH NO CUTOUTS FOR LIGHTS.

NOTES:

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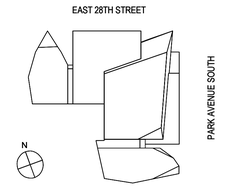

SCALE:
PROJECT NO: 120071
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DRAWING TITLE:
40TH FLOOR MECHANICAL PLAN

DRAWING NO:
M-140.00

NYC DOB NO: 121181808 | 17 of 27

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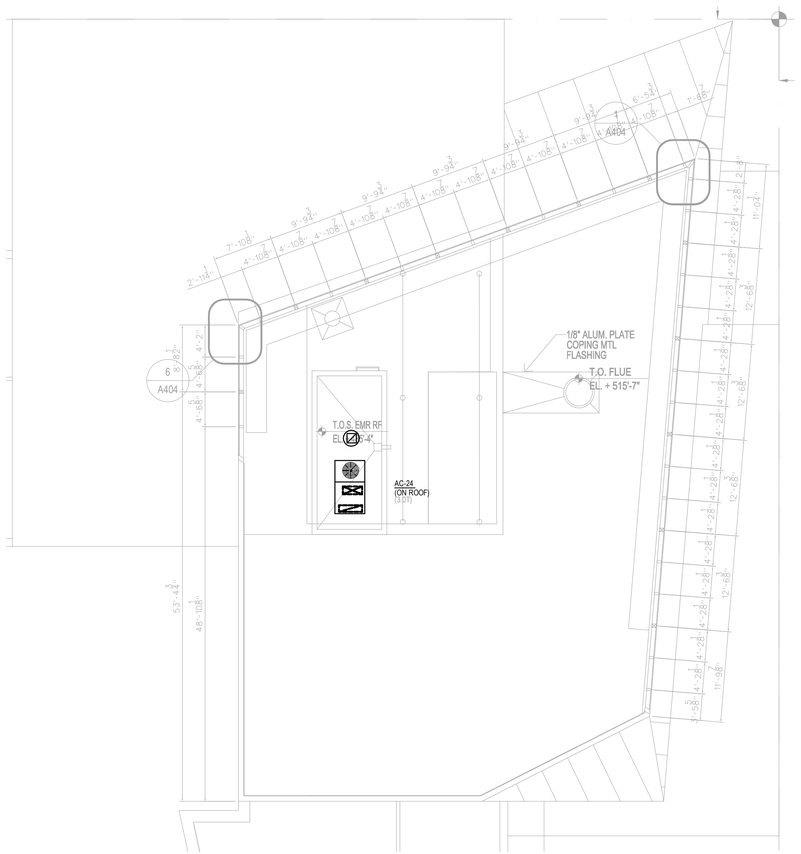

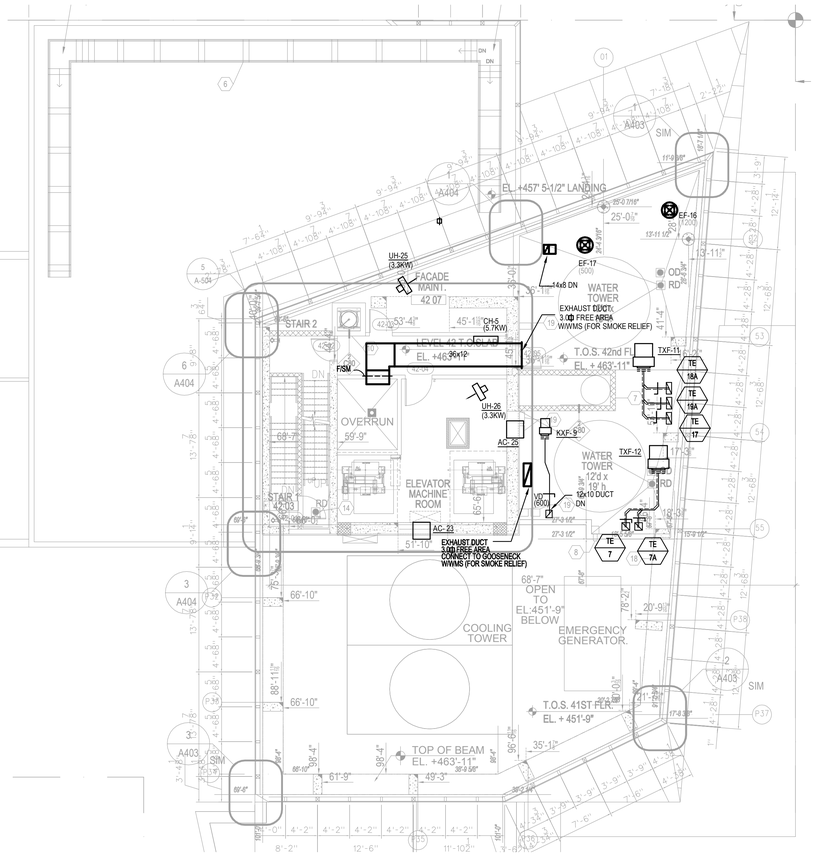

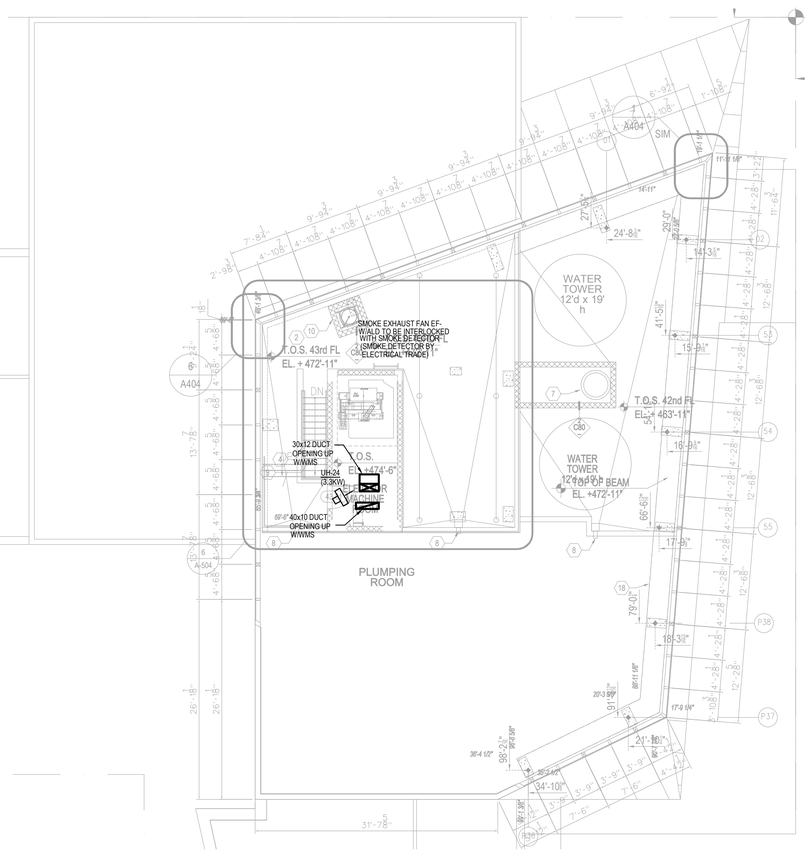

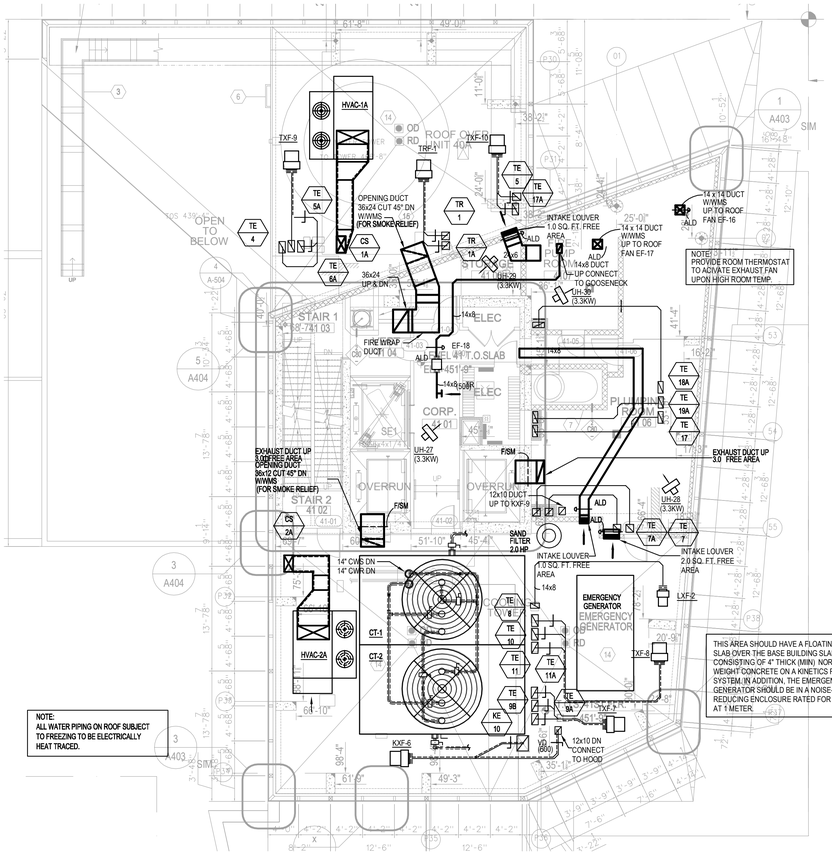

NOTE:
ALL WATER PIPING ON ROOF SUBJECT TO FREEZING TO BE ELECTRICALLY HEAT TRACED.

Damian Titus
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INTERIOR DESIGN
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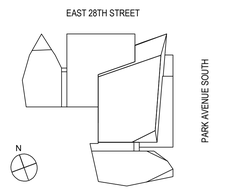
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:
41ST, 42ND & 43RD FLOOR MECHANICAL PLAN

DRAWING NO:
M-141.00

NYC DOB NO: 121181808 | 18 of 27

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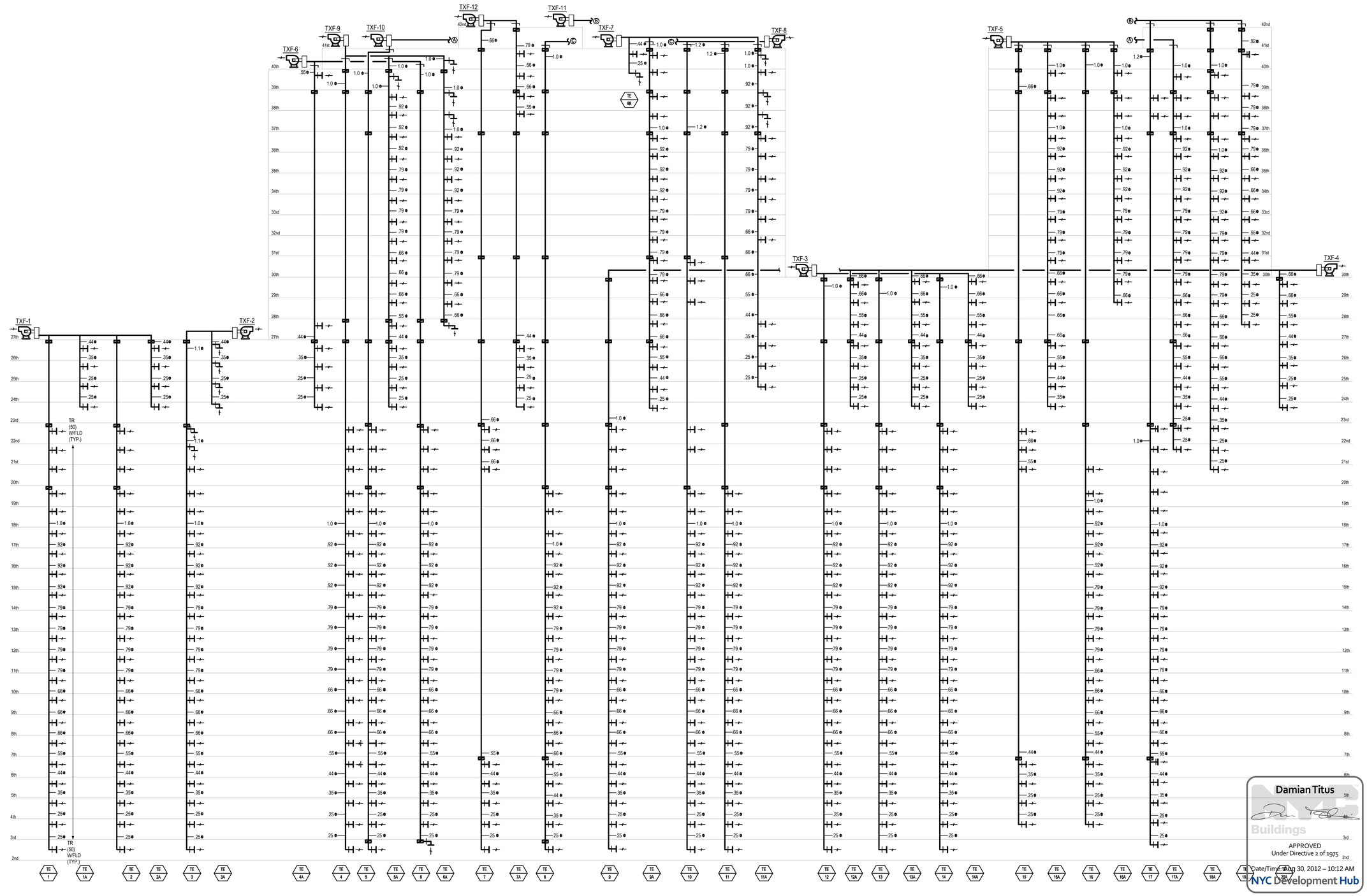
FILE NAME C:_WORK\120071\MECH\M141.00-120071 41ST, 42ND & 43RD FL MECHANICAL PLAN.dwg SAVED ON 6/15/2012 6:48 PM PLOTTED ON 6/15/2012 7:05 PM PLOTTED BY MCGUIRE, BRIAN

DEPT OF BLDGS121181808 Job Number
ES1834033329 Scan Code

NOTES:

1. WHEN BOOTS ARE UTILIZED MINIMUM DUCT SIZE SHALL BE .75 SQ. FT.
2. SIZES INDICATED ARE FOR DUCTWORK ONLY SHAFT SIZES SHALL ALLOW FOR DUCTWORK CLEARANCES.
3. CORRIDOR SUPPLY DUCT SIZE 0.80 SQ. FT. MINIMUM PROVIDE 0.0005 OF DUCT PER SQ. FT. OF CORRIDOR AREA.
4. FOR ACTUAL DUCTWORK SIZES & ROUTES REFER TO FLOOR PLANS.
5. ALL TOILET EXHAUST RUNOUTS TO BATHROOMS TO BE PROVIDED WITH FLD/VD AT SHAFT WALL AND TERMINAL OR IF THERE IS NOT RUNOUT. THEN PROVIDE TR WITH FLD AND VD AT SHAFT WALL.



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Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:12 AM
NYC Development Hub

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NO.	DATE	ISSUANCE
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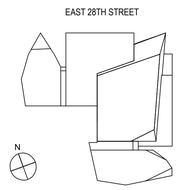

SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:
MECHANICAL AIR RISER DIAGRAM No.1

DRAWING NO:
M-301.00

NYC DOB NO: 121181808 | 19 of 27

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DEPT OF BLDGS 121181808 Job Number
ES2US0094545 Scan Code

NOTES:

1. WHEN BOOTS ARE UTILIZED MINIMUM DUCT SIZE SHALL BE .75 SQ. FT.
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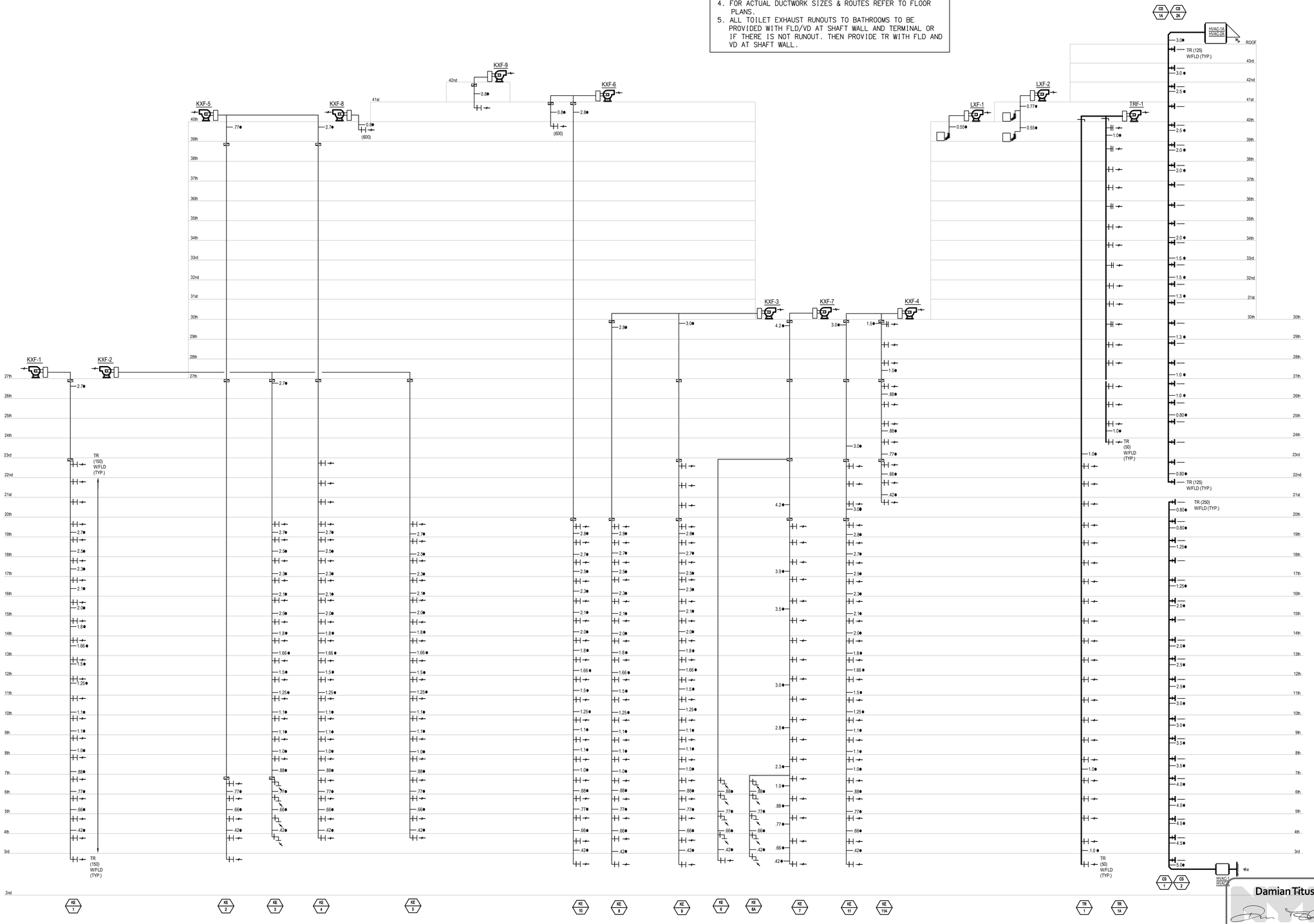

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NO.	DATE	ISSUANCE
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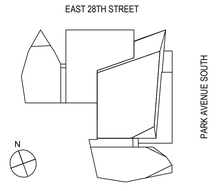
KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:
MECHANICAL AIR RISER DIAGRAM No.2

DRAWING NO:
M-302.00

NYC DOB NO: 121181808 | 20 of 27

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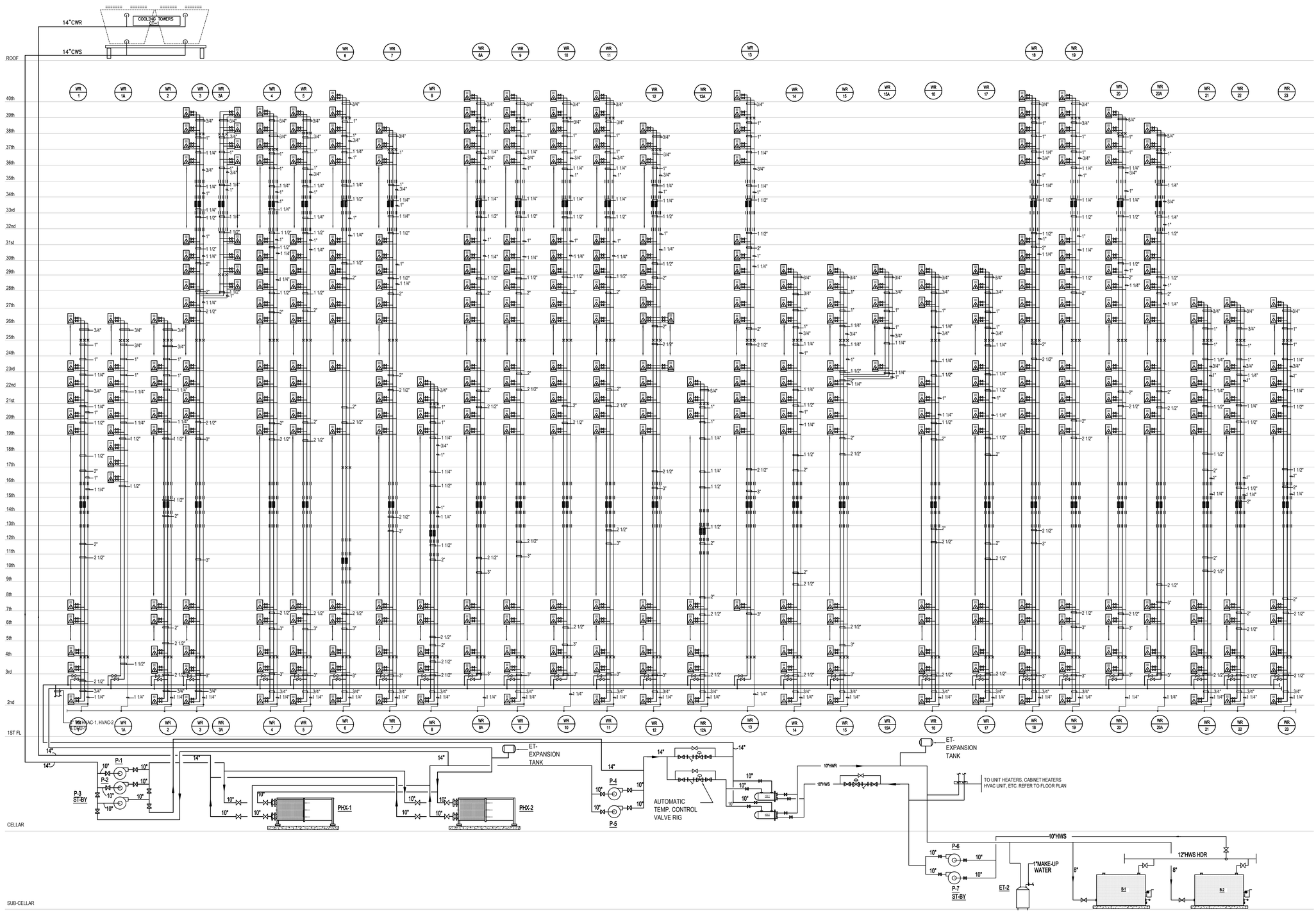
DEPT OF BLDGS 121181808 Job Number
ES0506029515 Scan Code

400PAS



NOTE:

ALL PIPE RISERS TO BE PROVIDED WITH EXPANSION JOINTS
VICO TYPE HB EXPANSION COMPENSATORS (COPPER)
VICO ACOUSTICAL PIPE GUIDE ON FLOORS ABOVE & BELOW
EACH EXPANSION COMPENSATOR.

NOTES:

1. ALL RISERS TO BE PROVIDED WITH ISOLATION/BALANCING VALVE
2. DRAIN RISERS TO BE COLLECTED AND SPILL TO NEAREST FUNNEL DRAIN.
3. PROVIDE RISER DRAIN PIPING AS PER DETAIL. DWG M-501
4. FOR TOP & BOTTOM OF SYSTEM DRAINING AND VENTING OF RISERS REFER TO STANDARD DETAILS DWG M-501
5. ALL CONDENSATE DRAIN RISER TO RUN AND SPILL TO VARIOUS FLOOR DRAINS IN MECHANICAL AND STORAGE ROOM AREAS.

NOTE:

ALL PIPE RISERS TO BE PROVIDED WITH EXPANSION JOINTS
VICO TYPE HB EXPANSION COMPENSATORS (COPPER)
VICO ACOUSTICAL PIPE GUIDE ON FLOORS ABOVE & BELOW
EACH EXPANSION COMPENSATOR.

Damian Titus
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Under Directive 2 of 1975
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NO.	DATE	ISSUANCE
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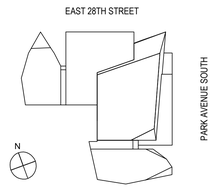
KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:

MECHANICAL FLOW DIAGRAM

DRAWING NO:

M-303.00

NYC DOB NO: 121181808 | 21 of 27

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DEPT OF BLDGS 121181808 Job Number
ES5082243225 Scan Code

400PAS

HEATING VENTILATING & AIR CONDITIONING UNIT SCHEDULE

"AAON" & "MAMMOTH" AS STD.

UNIT NO.	AREA SERVED	LOCATION	NOM. CAP. TONS REFRIG.	FAN DATA: TOTAL CFM STD. AIR	TOTAL FRESH AIR	EXT. STATIC PRESS. IN.W.G.	RPM	DISCH./ROTAT.	DRIVE/TYPE	WHEEL DIAM. IN.	MODEL NO.	TOTAL UNIT (MCA)	FAN MOTOR DATA: BHP	HP	RPM	V/Ph/Hz	VIBR. ISOL. TYPE	VIBR. ISOL. DEFL.	DX COIL: CFM STD. AIR	MIN. O.A. CFM	AIR TEMP(°F) ENT. DB	ENT. WB	LVG. DB	LVG. WB	TOTAL MBH	SENS. MBH	CONDENSER WATER: AMBIENT TEMP(°F) ENT.	LVG.	HP EA. FAN	TOTAL GPM	WATER PRESS DROP (FT)	MAX. FACE VELOC. (FPM)	MAX. P.D. AIR (IN.)	WTR. (FT.)	HEATING: GAS INPUT (MBH) ENT °F	LVG °F	GAS OUTPUT (MBH) ENT °F	LVG °F	ENT AIR TEMP (°F)	LVG AIR TEMP (°F)	TOTAL HEATING CAP (MBH)	GPM	FILTER: TOTAL FACE AREA SQ.FT	FACE VELOC. (FPM)	FILTER TYPE	REMARKS
HVAC-1A,2A	CORRIDOR	ROOF	15.0	2500	2500	1.25		-	-	-	RM-016-3	-	3.2	5.0	1725	REFER TO ELECT DWGS		SEE SPECS	2500	2500	95	75	53	52	174.8	107.1	95	-	-	-	-	-	-	270	200	11	70	202	-	-	-	8" THROWAWAY PLEATED MERV-13 W/PRE-FILTER	
HVAC-1, 2	CORRIDOR	2nd FLOOR	-	5000	5000	1.50	1755	-	-	24	PF07-2225	120.4	3.64	5.0	1291	SEE SPECS		SEE SPECS	5000	5000	95	75	55.6	53.8	357	218	95	-	32	1@12 1@15	4.2	-	0.49	180	160	11	70	318.6	32			4" THROWAWAY PLEATED MERV-13 W/PRE-FILTER	MODEL: VVX-302-FHS

NOTE: UNIT TO BE PROVIDED COMPLETE WITH THERMOSTAT. ROOF CURB FOR HORIZONTAL DISCHARGE. DISCONNECT SWITCH. MOTOR STARTER, 100% O.A. HOOD AND ALL CONTROL AND CONTROL WIRING REQUIRED.
HVAC-1A,2A UNIT GAS TRAIN TO BE OVERSIZE TO GUARANTEE OPERATION AT 4.5" W.C.

PUMP SCHEDULE

"WEINMAN" "ITT BELL & GOSSETT" AND "FLOFAB" AS STD

PUMP NO.	SERVICE	LOCATION	TYPE	GPM	TOTAL DYNAM. HEAD FEET	MIN. DESIGN WORKING PRESS. P.S.I.G.	MFR.	MODEL NO.	CURVE NO.	MAX. SHUT-OFF FEET	IMP. DIAM. IN.	MIN. N.P.S.H. REQ. FEET	MOTOR: BHP	HP	RPM	V/Ph/Hz	VIBR. ISOL. SPEC. TYPE	MIN. STATIC DEFL. INCHES	REMARKS
P-1 & P-2	CONDENSER WATER (OPENED)	CELLAR MER	HORIZONTAL SPLT CASE	2100	80	250	WEINMAN	8x10x12	8L2-181	130	10	12.0	49.9	60.0	1750	REFER TO ELECT DWGS	SEE SPECS	SEE SPECS	
P-3 (ST-BY)	CONDENSER WATER	CELLAR MER	HORIZONTAL SPLT CASE	2100	100	250	WEINMAN	8x10x12	8L2-181	130	10	14.0	62.5	75.0	1750				PUMP P-3 IS STAND BY (OPENED OR CLOSED) PUMP TO BE PROVIDED W/VFD
P-4 & P-5	CONDENSER WATER (CLOSED)	CELLAR MER	HORIZONTAL SPLT CASE	2100	100	250	WEINMAN	8x10x12	8L2-181	130	10	14.0	62.5	75.0	1750				PUMP TO BE PROVIDED W/VFD
P-6 & P-7	HOT WATER	SUB-CELLAR	HORIZONTAL SPLIT CASE	1700	100	250	WEINMAN	8x10x12	8L2-181	130	11	12	50.5	60	1750				PUMP P-7 IS STAND BY PUMP TO BE PROVIDED W/VFD

FAN SCHEDULE

"GREENHECK OR COOK" AS STD

UNIT NO.	LOCATION	SERVICE	CFM	STATIC PRESS. IN.W.G.	RPM	OUTLET VELOC. FPM	TYPE	MFR.	MODEL NO.	BHP	MOTOR HP	Volt/Ph/Hz	VIBRATION ISOLATION: SPEC. TYPE	VIBRATION ISOLATION: DEFLECTION (INCHES)	REMARKS
TXF-1	27th FLOOR ROOF	TOILET EXHAUST	2500	1.25	1074	1399	UTILITY	GREENHECK	SWB-118-10	0.84	1	REFER TO ELECT DWGS			
TXF-2	27th FLOOR ROOF	TOILET EXHAUST	1250	1.0	1454	1189	UTILITY	GREENHECK	SWB-113-5	0.37	1/2				
TXF-3	30th FLOOR ROOF	TOILET EXHAUST	2450	1.25	1067	1332	UTILITY	GREENHECK	SWB-118-7	0.82	1				
TXF-4	30th FLOOR ROOF	TOILET EXHAUST	3150	1.5	1237	1712	UTILITY	GREENHECK	SWB-118-15	1.29	1 1/2				
TXF-5	40th FLOOR ROOF	TOILET EXHAUST	2650	1.5	1451	1743	UTILITY	GREENHECK	SWB-116-15	1.17	1 1/2				
TXF-6	40th FLOOR ROOF	TOILET EXHAUST	1350	1.25	1314	1098	UTILITY	GREENHECK	SWB-115-5	0.46	1/2				
TXF-7	41st FLOOR ROOF	TOILET EXHAUST	1700	1.0	1401	1316	UTILITY	GREENHECK	SWB-116-10	0.96	1				
TXF-8	41st FLOOR ROOF	TOILET EXHAUST	2900	1.5	1200	1576	UTILITY	GREENHECK	SWB-118-15	1.17	1 1/2				
TXF-9	41st FLOOR ROOF	TOILET EXHAUST	2550	1.5	1424	1678	UTILITY	GREENHECK	SWB-116-15	1.1	1 1/2				
TXF-10	41st FLOOR ROOF	TOILET EXHAUST	1950	1.5	1606	1585	UTILITY	GREENHECK	SWB-115-10	0.84	1				
TXF-11	42nd FLOOR ROOF	TOILET EXHAUST	2700	1.5	1478	1809	UTILITY	GREENHECK	SWB-116-15	1.23	1 1/2				
TXF-12	42nd FLOOR ROOF	TOILET EXHAUST	800	1.0	1622	1026	UTILITY	GREENHECK	SWB-110-3	.25	1/3				
KXF-1	27th FLOOR ROOF	KITCHEN EXHAUST	3150	1.5	1237	1712	UTILITY	GREENHECK	SWB-118-15	1.29	1 1/2				
KXF-2	27th FLOOR ROOF	KITCHEN EXHAUST	5100	1.75	1289	2287	UTILITY	GREENHECK	SWB-120-30	2.63	3				
KXF-3	30th FLOOR ROOF	KITCHEN EXHAUST	5850	1.75	978	1773	UTILITY	GREENHECK	SWB-124-30	2.61	3				
KXF-4	30th FLOOR ROOF	KITCHEN EXHAUST	4650	1.5	1563	2527	UTILITY	GREENHECK	SWB-218-30	2.3	3				
KXF-5	40th FLOOR ROOF	KITCHEN EXHAUST	3750	1.75	1142	1682	UTILITY	GREENHECK	SWB-120-20	1.75	2				
KXF-6	41st FLOOR ROOF	KITCHEN EXHAUST	3300	1.5	1636	2171	UTILITY	GREENHECK	SWB-116-20	1.65	2				
KXF-7	30th FLOOR ROOF	KITCHEN EXHAUST	4200	1.5	1130	1883	UTILITY	GREENHECK	SWB-120-20	1.76	2				
KXF-8	40th FLOOR ROOF	KITCHEN EXHAUST	600	0.75	1331	769	UTILITY	GREENHECK	SWB-110-4	0.15	1/4				
KXF-9	41st FLOOR ROOF	KITCHEN EXHAUST	600	0.75	1331	769	UTILITY	GREENHECK	SWB-110-4	0.15	1/4				
LXF-1	40th FLOOR ROOF	LAUNDRY EXHAUST	230	0.75	1529	295	UTILITY	GREENHECK	SWB-107-4	0.1	1/4				
LXF-2	41st FLOOR ROOF	LAUNDRY EXHAUST	460	0.75	1625	591	UTILITY	GREENHECK	SWB-108-4	0.15	1/4				
EF-1	SUB- CELLAR FLOOR	POOL FILTER ROOM	700	1.0	1535	-	IN-LINE	GREENHECK	BSQ-130HP-3	0.29	1/3				
EF-2,19	VARIOUS	VARIOUS	500	1.0	1729	-	IN-LINE	GREENHECK	BSQ-90-3	0.28	1/3				
EF-3,13	VARIOUS	VARIOUS	900	1.0	1448	-	IN-LINE	GREENHECK	BSQ-130-5	0.32	1/2				
EF-4	SUB- CELLAR FLOOR	LOCKER ROOM	500	1.0	1484	-	IN-LINE	GREENHECK	BSQ-130HP-3	0.26	1/3				
EF-5	SUB- CELLAR FLOOR	MAINTENANCE SHOP	600	1.0	1484	-	IN-LINE	GREENHECK	BSQ-130HP-3	0.26	1/3				
EF-6	SUB- CELLAR FLOOR	TENANT ROOM	1200	1.0	1590	-	IN-LINE	GREENHECK	BSQ-120-5	0.45	1/2				
EF-7	SUB- CELLAR FLOOR	SWITCHGEAR ROOM	1700	1.0	1738	-	IN-LINE	GREENHECK	BSQ-130-7	0.67	3/4				
EF-8	SUB- CELLAR FLOOR	TRASH ROOM	1500	1.0	1644	-	IN-LINE	GREENHECK	BSQ-130-7	0.57	3/4				
EF-9	CELLAR FLOOR	LOCKER RM	950	1.0	-	-	IN-LINE	GREENHECK	BSQ-90-7	.55	3/4				
EF-10	CELLAR FLOOR	MER. EXH	1500	1.0	-	-	IN-LINE	GREENHECK	BSQ-100-7	.66	3/4				
EF-11,12	CELLAR FLOOR	VARIOUS	1200	1.5	-	-	IN-LINE	GREENHECK	BSQ-100-7	.65	3/4				
EF-16,17	ROOF	EMR EXAUST	800	1.0	-	-	ROOF	GREENHECK	CUBE-101-4	.25	1/2				
EF-18	ROOF	ELEV OVERRUN	800	1.0			IN-LINE	GREENHECK	BSQ-90-5	.50	3/4				
EF-14,15	NOT USED														
SF-1	SUB- CELLAR FLOOR	POOL FILTER ROOM	700	1.0	1535	-	IN-LINE	GREENHECK	BSQ-130HP-3	0.29	1/3				
SF-2	SUB- CELLAR FLOOR	RETAIL STORAGE ROOM	500	1.0	1729	-	IN-LINE	GREENHECK	BSQ-90-3	0.28	1/3				
SF-3	SUB- CELLAR FLOOR	BIKE STORAGE ROOM	900	1.0	1448	-	IN-LINE	GREENHECK	BSQ-130-5	0.32	1/2				
SF-5	SUB- CELLAR FLOOR	MAINTENANCE SHOP	600	1.0	1484	-	IN-LINE	GREENHECK	BSQ-130HP-3	0.26	1/3				
SF-6	SUB- CELLAR FLOOR	TENANT ROOM	1200	1.0	1590	-	IN-LINE	GREENHECK	BSQ-120-5	0.45	1/2				
SF-7	SUB- CELLAR FLOOR	BOILERS	4600	1.0	1750	-	IN-LINE	ENERVEX	SFTA 21	-	1.5				
SF-8	SUB- CELLAR FLOOR	DOMESTIC HOT WATER	4600	1.0	1750	-	IN-LINE	ENERVEX	SFTA 21	-	1.5				
SF-10,13	CELLAR	SUPPLY FAN	900	1.0	-	-	IN-LINE	GREENHECK	BSQ-90-5	.52	3/4				
SF-11,12	CELLAR	SUPPLY FAN	1200	1.0	-	-	IN-LINE	GREENHECK	BSQ-100-5	0.50	3/4				
SAF-1	CELLAR FLOOR	POOL SPILL AIR	500	1.0	1729	-	IN-LINE	GREENHECK	BSQ-90-3	0.28	1/3				

NOTES:
1. ALL ROOF EXHAUST FANS TO BE PROVIDED WITH SOUND CURB, DISCONNECT SWITCH AND STARTER MOUNTED ADJACENT TO FAN.
2. NOT USED FANS: SF-4,SF-9, EF-14,EF-15
3. ALL EXHAUST AND SUPPLY FANS TO BE PROVIDED WITH VFD

BOILER SCHEDULE

"CLEAVER BROOK STD."

UNIT NO.	GAS: INPUT MBH	GAS: OUTPUT MBH	GAS: MIN. OPER GAS PRESS (IN.WG)	BOILER HP	GPM	FLUE OUTLET SIZE (IN)	FUEL	TYPE	MAX WORK. PRESS.	DESIGN PRESS. PSIG	BLOWER FAN (HP)	WATER TEMP °F: ENT.	WATER TEMP °F: LVG.	MODEL NO.	REMARKS
B-1	9954	8369	17.5	250	861	20	GAS	HOT WATER	60	125	10	160	180	CB-250	MEA#62-75-E UL MS-1002(N)
B-2	9954	8369	17.5	250	861	20	GAS	HOT WATER	60	125	10	160	180	CB-250	MEA#62-75-E UL MS-1002(N)

SPECIFIC NOTES

1. THE DUCT SYSTEMS AND ALL COMPONENTS THERETO COMPLY WITH SEC. RS 13.
   A. KITCHEN EXHAUST DUCTS COMPLY WITH (RS 13–3)(RS 13–2)
   B. SEE DETAIL SHEETS FOR SPECIFIC DETAILS.
2. THE FUEL BURNING SYSTEMS COMPLY WITH ARTICLE 14.
   A. CHIMNEYS COMPLY WITH ARTICLE 15.
3. REFRIGERATION (AIR CONDITIONING) SYSTEMS COMPLY WITH RS 13–6.
4. LIGHT, HEAT, VENTILATION AND NOISE CONTROL COMPLY WITH ARTICLE 12.

HEAT EXCHANGER SCHEDULE

"TACONET" AS STD.

"TACO" AS STD

UNIT NO.	SERVICE	LOCATION	NUMBER OF PASSES	SHELL SIDE (WATER): FOULING FACTOR	EWT °F / LWT °F	GPM	WATER VEL (FPS)	WATER PRESS DROP (FT)	TUBE SIDE (WATER): EWT °F / LWT °F	GPM	WATER VEL (FPS)	WATER PRESS DROP (FT)	DESIGN PRESSURE (PSIG): SHELL WORK	SHELL TEST	TUBE WORK	TUBE TEST	MANUF MODEL NUMBER	REMARKS
HE-1	COND. WATER	SUB-CELLAR MER	2	0.0005	60 / 70	1200	3.38	5.5	180 / 160	615	6.7	2.3	250	500	250	500	TACO E-20208-11L	
HE-2	COND. WATER	SUB-CELLAR MER	4	0.0005	60 / 70	1200	3.38	5.5	180 / 160	615	6.7	2.3	250	500	250	500	TACO E-20208-11L	

PLATE FRAME HEAT EXCHANGER SCHEDULE

"SONDEX" AS STD

"TRANTER" AS STD

UNIT NO.	SERVICE	LOCATION	PRIMARY WATER (OPEN LOOP): GPM	TEMP(°F): ENTERING	LVG	PD (FT)	WORKING PRESS. (PSIG)	SECONDARY WATER (CLOSED LOOP): GPM	TEMP(°F): ENTERING	LVG	PD (FT)	WORKING PRESS. (PSIG)	MIN. SURFACE AREA (SQ.FT.)	MODEL NO.	REMARKS
PHX-1,2	COND.WATER	CELLAR	2100	85	97	23.1	250	2100	87	99	23.1	250	4327	SONDEX S-100-IS10-404 TMTL93	PROVIDE 10% ADDITIONAL PLATES FOR FOULING.
PHX-3,4	COGEN	CELLAR	22	224	178	14.9	150	22	50	92.1	18.5	150	-	SONDEX S4A-IG16-16-TL	

NOTE:
PLATE HEAT EXCHANGERS USED FOR DOMESTIC WATER PURPOSES TO BE PROVIDED WITH DOUBLE WALL CONSTRUCTION.

CABINET & UNIT HEATER SCHEDULE

"TRANE" AS STD

UNIT NO.	AREA SERVED	LOCATION	TYPE	AIR QTY (CFM)	STATIC PRESS. IN.W.G.	AIR TEMP (°F): ENT.	LVG.	TOTAL CAPACITY (MBH)	HEATING COIL: HOT WATER GPM	AVER ENT/LVT	WPD (FT)	ELECT. KW	FAN MOTOR: HP	RPM	Volts/Ph/Hz	MANUFACTURER & MODEL NO.
CH-1	LOBBY	GROUND FLR	CEILING MOUNTED	815	.15	70	-	71.2	7.2	170 / 150	-	-	24	1080	REFER TO ELECT. DWGS	"TRANE" M ODEL C, SIZE 08
CH-2	LOBBY	GROUND FLR	CEILING MOUNTED	1115	.15	70	-	97.6	10.0	170 / 150	-	-	2@.24	1080		"TRANE" MODEL C, SIZE 10
CH-3,4	LOBBY	GROUND FLR	CEILING MOUNTED	815	.15	70	-	71.2	7.2	170 / 150	-	-	.24	1080		"TRANE" MODEL C, SIZE 08
CH-5	ROOF	ENTRANCE	WALL RECESSED	-		70	-	15.3	-	-	-	4.5	.15	1550		"TRANE" MODEL H, SIZE 03
UH-1,4,5,6,7 UH-,8,10,11,12 UH-13,14,15,16	VARIOUS	VARIOUS	HORIZONTAL	-	-	60	-	15.0	1.5	170 / 150	-	-	1/20	1550		"TRANE" 42-S
UH-17,18,19,20 UH-21,22,23	VARIOUS	VARIOUS	HORIZONTAL	-	-	60	-	15.0	1.5	170 / 150	-	-	1/20	1550		"TRANE" 42-S
UH-2,3	VARIOUS	VARIOUS	HORIZONTAL	-	-	60	-	11.3	-	-	-	3.3	1/4	-		"TRANE" UHEC-031A0B0
UH-24,25,26 UH-27,28	VARIOUS	VARIOUS	HORIZONTAL	-	-	60	-	11.3	-	-	-	3.3	1/4	-		"TRANE" UHEC-031A0B0
UH-29,30	VARIOUS	VARIOUS	HORIZONTAL	-	-	60	-	11.3	-	-	-	3.3	1/4	-		"TRANE" UHEC-031A0B0

NOT USED UNITS: UH-9

COOLING TOWER SCHEDULE

"BAC" AS STD

UNIT NO.	SERVICE	LOCATION	MANUF. MODEL NO.	NO. OF CELLS	TOTAL GPM	WATER TEMPERATURE: ENT. (°F)	LVG. (°F)	AMBIENT TEMP. (°F WB)	TOTAL AIR QUANTITY PER CELL (CFM)	FAN MOTOR H.P. PER CELL	MAX. P.D (FT.H20)	TOTAL OPER. WEIGHT (lbs.)	FAN HEATER (KW) EACH CELL	REMARKS
CT-1 CT-2	CONDENSER WATER	ROOF	3648A	2	4200	97	85	78	-	50	-	51720	2@ 10KW	COOLING TOWER TO BE PROVIDED WITH AUTOMATIC CONTROL VALVE AT WATER INWATER OUT FOR INDIPENDENT CELL OPERATION.

COOLING TOWER TO BE PROVIDED WITH SAND FILTER MODEL PEP HMF2-30 98 GPM 2.0 HP PUMP MOTOR, SYSTEM TO BE PROVIDED WITH ALL CONTROLS REQUIRED.
UNIT TO BE PROVIDED WITH 300 GALS HOLDING TANK.

EXPANSION TANK SCHEDULE

"AMTROL","TACONET"AS STANDARD

UNIT NO.	SERVICE	LOCATION	LENGTH (IN)	DIAM. (IN)	ACCEPT CAPAC. (GAL)	WORK. PRESS. (PSIG)	OPERATING WEIGHT (LBS)	MANUFACTURER & MODEL NO.	REMARKS
ET-1	COND. WAGER	CELLAR MER							
ET-2	HOT WATER	CELLAR MER							

HEAT PUMP UNIT SCHEDULE

"CLIMATEMASTER", "WHALEN" OR "HTS" AS STD

UNIT TYPE	TOTAL COOLING (BTUH)	SENSIBLE COOLING (BTUH)	CONDENSER WATER: EWT	LWT °F	GPM	WPD (FT)	AIR TEMP.(°F): ENT.	LVG.	FAN DATA: CFM	ESP	FAN FLA	TOTAL HEAT REJECTION (BTUH)	HEATING MODE: EWT (°F)	LWT (°F)	TOTAL UNIT HEAT PUMP HEAT CAP (MBH)	TOTAL UNIT (kw)	MIN. CIRCUIT AMP.	MAX FUSE / HACR	VOLTS/PH/HZ	MANUFACTURER & MODEL NO.	REMARKS
A	11500	7900	87	99	2.3	5.0	80	63.4	400	0.0	6.0	14.8	70	60.0	15.9	1.00	7.4	15	208/1/60	VERTICAL STACK WATER SOURCE TRM12	
A	8700	6000	87	99	1.9	4.3	80	63.9	350	0.0	4.8	11.5	70	60.0	12.2	0.79	5.9	15	208/1/60	VERTICAL STACK WATER SOURCE TRM09	
A	13200	9000	87	99	2.8	1.0	80	63.9	500	0.0	6.8	17.0	70	60.0	18.7	1.20	8.3	15	208/1/60	VERTICAL STACK WATER SOURCE TRM15	
A	16700	12400	87	99	3.0	1.3	80	59.9	570	0.0	7.8	20.6	70	60.0	21.8	1.36	9.5	15	208/1/60	VERTICAL STACK WATER SOURCE TRM18	

NOTES: 1. UNIT TO MEET CAPACITY INDICATED AT MEDIUM SPEED. ALL UNITS TO BE PROVIDED WITH: THERMOSTAT, DISCONNECT SWITCH AND 50 FT WIRE FOR WALL THERMOSTAT, AND SOUND PACKAGE. UNIT TO BE PROVIDED WITH AUTOMATIC CONTROL/BALANCING VALVE. REFRIGERANT TO BE 410A.
2. ALL UNITS TO BE PROVIDED WITH 6" SUPPORT BASE & SOUND PAD.

WATER SOURCE HEAT PUMP AIR CONDITIONING UNIT SCHEDULE

"CLIMATEMASTER" "HTS" AND "WHALEN" AS STD

UNIT NO.	LOCATION	SERVICE	EVAPORATOR FAN: TOTAL CFM	O.A. CFM	EXT. S.P. IN W.C.	RPM	FAN HP	COOLING COIL: NOM TONS	ENT. AIR: DB °F	ENT. AIR: WB °F	LVG. AIR: DB °F	LVG. AIR: WB °F	TOTAL MBH	SENSIBLE HEAT MBH	CONDENSER WATER: GPM	EWT (°F)	LWT (°F)	WPD (FT)	HEATING: HTG. CAP. (MBH)	TOTAL UNIT KW	VOLTS/PH/HZ	MODEL NO.	UNIT WT. LBS	UNIT EER	REMARKS
AC-1, AC-2	SUB-CELLAR	ELECT ROOM	1950	0	.01	-		5.0	85	71	-	-	58.5	40.2	12.5	87	99	-	COOL ONLY	5.7	REFER TO ELEC DRAWINGS	TCH-060	300	12.0	
AC-3	SUB-CELLAR	LOCKER RM	400	300	.10	-		2.0	86	72	-	-	22.6	15.5	5.0	87	99	-	29.2	2.2		TCH-024	180	11.5	
AC-4	SUB-CELLAR	CORRIDOR	600	150	.25	-		2.0	80	67	-	-	22.6	15.5	5.0	87	99	-	29.2	2.2		TCH-024	180	11.5	
AC-5	SUB-CELLAR	BMS ROOM	1950	0	.01	-		5.0	85	71	-	-	58.5	40.2	12.5	87	99	-	COOL ONLY	4.7		TCH-060	300	12.0	
AC-6	SUB-CELLAR	COMPACTOR RM	1200	0	.01	-		3.0	85	70	-	-	32.5	22.4	7.5	87	99	-	COOL ONLY	2.8		TCH-036	225	11.5	
AC-7	CELLAR	EXERCISE RM	4000	1000	.20	-		10.0	78.5	65	-	-	114.5	84.6	22.5	87	99	-	153.4	9.4		TCH-120	1000	12.7	
AC-8	CELLAR	YOGA ROOM	1200	300	.20	-		3.0	80.7	67	-	-	32.5	22.5	7.5	87	99	-	45.2	3.5		TCH-036	225	11.5	
AC-9	CELLAR	EXERCISE RM	3200	800	.20	-		7.5	78.5	65	-	-	93.2	67.3	18.7	87	99	-	124.7	8.5		TCH-096	900	13.5	
AC-10	CELLAR	KIDS ROOM	1200	300	.20	-		4.0	80.7	67	-	-	45.6	30.4	10	87	99	-	56.2	4.4		TCH-048	275	11.8	
AC-11,AC-25	CELLAR	LEASING RM	800	200	.15	-		2.0	80.7	67	-	-	22.6	15.5	5.0	87	99	-	29.2	2.2		TCH-024	180	11.5	
AC-12	CELLAR	LOUNGE	2400	600	.15	-		7.0	80.7	67	-	-	81.4	60.7	17.5	87	99	-	109.2	7.3		TCH-084	900	13.4	
AC-13	CELLAR	MEETING ROOM	1000	250	.20	-		2.5	78.5	65	-	-	27.2	18.0	6.25	87	99	-	35.8	2.9		TCH-030	190	12.2	
AC-14	CELLAR	THEATER	1000	250	.20	-		2.5	78.5	65	-	-	27.2	18.0	6.25	87	99	-	35.8	2.9		TCH-030	190	12.2	
AC-15	CELLAR	LOUNGE	2400	600	.20	-		7.0	78.5	65	-	-	81.4	60.7	17.5	87	99	-	109.2	7.3		TCH-084	900	13.4	
AC-16	GROUND FLR	LOBBY	2400	600	.20	-		6.0	78.5	65	-	-	68.4	53.0	15.0	87	99	-	109.2	6.0		TCH-072	1000	12.0	
AC-17	GROUND FLR	CONDO LOBBY	3000	750	.20	-		7.5	78.5	65	-	-	93.2	67.3	18.7	87	99	-	124.7	8.5		TCH-096	900	13.5	
AC-18	GROUND FLR	CONDO LOBBY	3000	750	.20	-		7.5	78.5	65	-	-	93.2	67.3	18.7	87	99	-	124.7	8.5		TCH-096	900	13.5	
AC-19	GROUND FLR	LOBBY	2400	600	.20	-		6.0	78.5	65	-	-	68.4	53.0	15.0	87	99	-	109.2	6.0		TCH-072	1000	12.0	
AC-20	24TH FLR	EMR	1200	0	.01	-		3.0	85	71	-	-	36.0	-	- AIR COOLED SPLIT UNIT				COOL ONLY	-		SAMSUNG AVACAH100CE	-	-	AOC-01 FOR AC-20,21 OUTDOOR UNIT SAMSUNG MODEL AVACAH100CE AOC-03 FOR AC-22 OUTDOOR UNIT TO BE SAMSUNG MODEL AVCKAH36CA
AC-21	25TH FLR	EMR	1200	0	.01	-		3.0	85	71	-	-	36.0	-	- AIR COOLED SPLIT UNIT				COOL ONLY	-			-	-	
AC-22	27TH FLR	LOUNGE	1200	300	.10	-		3.0	78.5	65	-	-	37.1	22.4	7.5	87	99	-	45.2	3.5		TCH-036	225	11.5	TCH-036
AC-23	42nd FLOOR	EMR	4103/25	0	-	-		2.0	80	67	-	-	22.8	-	-	-	-	-	COOL ONLY	2.5		KCA233P	163	8.9	CARRIER MODEL KCA233P
AC-24	ROOF	EMR	3000	0	.05	-		7.5	80	67	-	-	104.5	-	- AIR COOLED ROOF TOP				COOL ONLY	-		AAON-RN-008	-	-	
AC-25	42nd FLOOR	EMR	4103/25	0	-	-		2.0	80	67	-	-	22.8	-	-	-	-	-	COOL ONLY	2.5		KCA233P	163	8.9	CARRIER MODEL KCA233P

NOTE:
ALL UNITS TO BE PROVIDED WITH MERV 13 FILTERS, AUTO CONTROL VALVE.THERMOSTAT,DISCONNECT SWITH,FILTERS.
ALL SPLIT UNITS TO BE PROVIDED WITH TUBING AND WIRING BETWEEN INDOOR AND OUTDOOR UNITS.

Damian Titus
NYC Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:12 AM
NYC Development Hub

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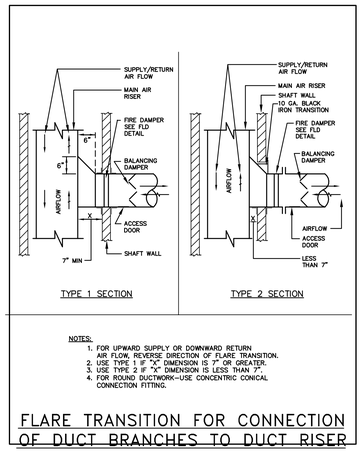
DEPT OF BLDGS 121181808 Job Number
ES0099331625 Scan Code

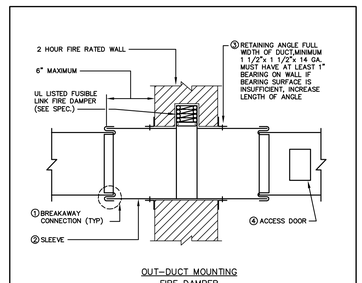


TYPE 1 SECTION TYPE 2 SECTION

NOTES:
1. FOR UPWARD SUPPLY OR DOWNWARD RETURN AIR FLOW, REVERSE DIRECTION OF FLARE TRANSITION.
2. USE TYPE 1 IF "X" DIMENSION IS 7" OR GREATER.
3. USE TYPE 2 IF "X" DIMENSION IS LESS THAN 7".
4. FOR ROUND DUCTWORK–USE CONCENTRIC CONICAL CONNECTION FITTING.

FLARE TRANSITION FOR CONNECTION OF DUCT BRANCHES TO DUCT RISER

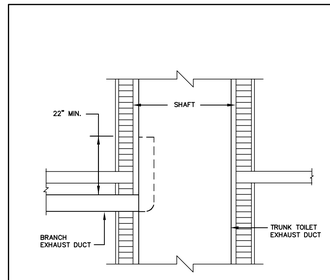
(TYPICAL FOR ALL BRANCHES)



OUT–DUCT MOUNTING FIRE DAMPER

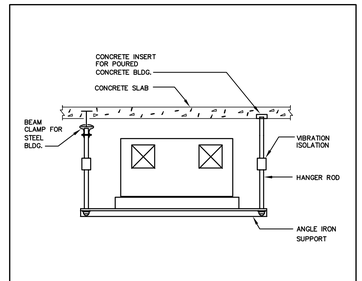
1 BREAKAWAY CONNECTION SHALL BE SIMILAR TO UL555 SEC. 14.4 APPROVED TYPES, AND NFPA 90A.
2 SLEEVE MAY BE DUCT GAUGE IF UL555 CONNECTIONS ARE USED.SLEEVE SHALL BE 16 GA. UP TO 36"Wx24"H OR 14 GA. FOR LARGER SIZES.
3 SHEET METAL CONTRACTOR SHALL FURNISH CONSTRUCTION CONTRACTOR WITH OPENING SIZES.ALL OPENINGS SHALL BE PACKED WITH SUITABLE FIRE RETARDANT MATERIAL.
4 ACCESS DOOR MUST BE LOCATED AS REQUIRED TO ENABLE RESETTING OF DAMPER. MORE THAN ONE DOOR MAY BE REQUIRED ON LARGE DUCTS.

AUTOMATIC FIRE DAMPERS (F.L.D.)



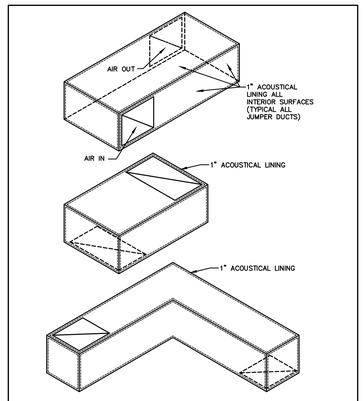
NOTE:
BOOT CONNECTIONS SHALL MEET ALL APPLICABLE CODE REQUIREMENTS.

TOILET OR KITCHEN EXHAUST BOOT CONNECTION DETAIL IN LIEU OF FIRE DAMPER

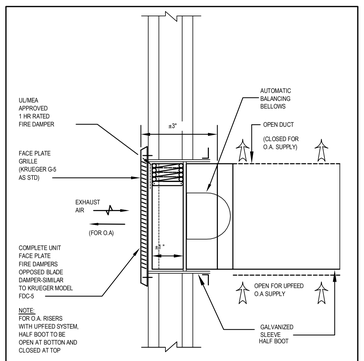


NOTES:
METHOD OF HANGING, TYPE OR INSERT, BEAM CLAMP, ROD, ETC., MUST BE APPROVED BY STRUCTURAL ENGINEER.

TYPICAL FAN EQUIPMENT HANGING DETAIL

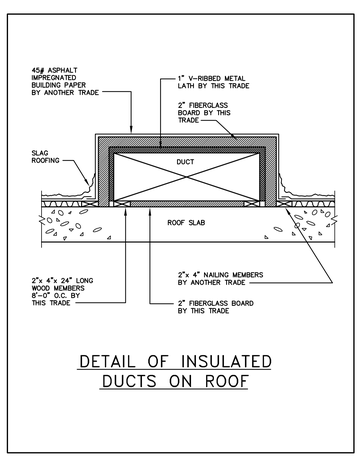


TRANSFER (JUMPER) DUCT TYPES

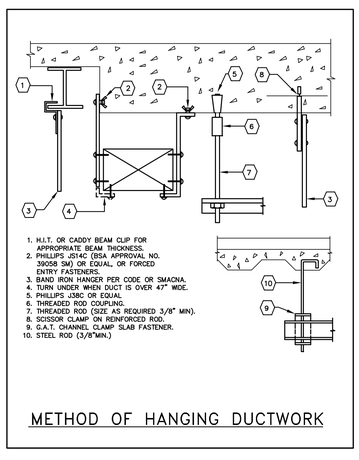


NOTE:
FOR O.A. RISERS WITH UPFEED SYSTEM, HALF BOOT TO BE OPEN AT BOTTON AND CLOSED AT TOP

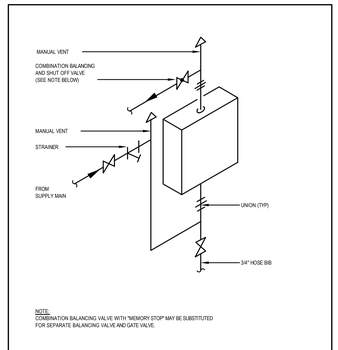
TYPICAL GRILLE, FIRE & VOLUME DAMPER INSTALLATION FOR TOILET KITCHEN AND OUTSIDE AIR SUPPLY TO APTS.



DETAIL OF INSULATED DUCTS ON ROOF

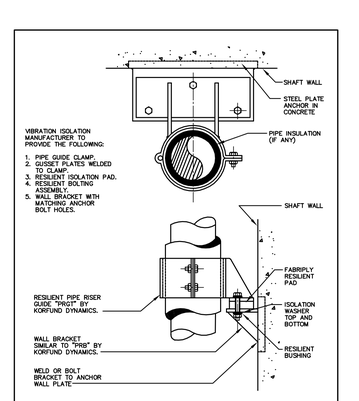


METHOD OF HANGING DUCTWORK



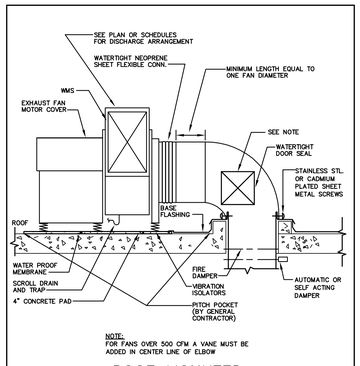
NOTE:
COMBINATION BALANCING VALVE WITH "MEMORY STOP" MAY BE SUBSTITUTED FOR SEPARATE BALANCING VALVE AND GATE VALVE.

UNIT HEATER HOT WATER PIPING



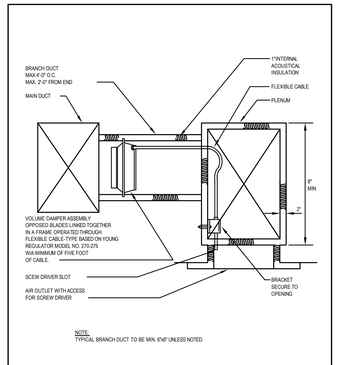
RESILIENT PIPE RISER GUIDE

(FOR PIPE DIAMETERS 6" AND SMALLER)



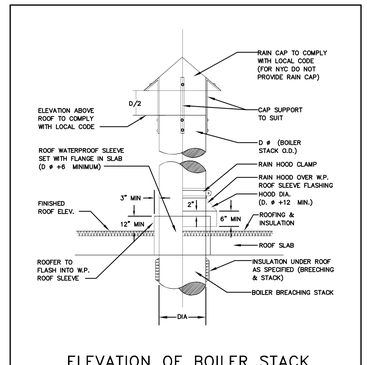
NOTE:
FOR FANS OVER 500 CFM A VANE MUST BE ADDED IN CENTER LINE OF ELBOW

ROOF MOUNTED UTILITY FAN DETAIL



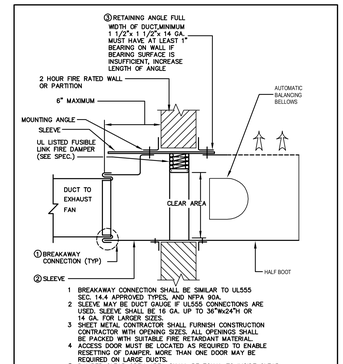
NOTE:
TYPICAL BRANCH DUCT TO BE MIN. 6"x6" UNLESS NOTED.

LINEAR DIFFUSER DETAIL



ELEVATION OF BOILER STACK

NO SCALE



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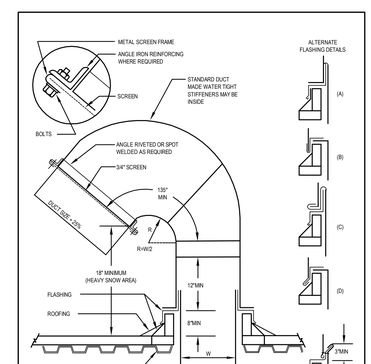
3 SHEET METAL CONTRACTOR SHALL FURNISH CONSTRUCTION CONTRACTOR WITH OPENING SIZES. ALL OPENINGS SHALL BE PACKED WITH SUITABLE FIRE RETARDANT MATERIAL.
4 ACCESS DOOR MUST BE LOCATED AS REQUIRED TO ENABLE RESETTING OF DAMPER. MORE THAN ONE DOOR MAY BE REQUIRED ON LARGE DUCTS.
5 DAMPER CLEAR OPEN AREA SHALL BE EQUAL TO INSIDE CLEAR DUCT DIMENSION OF CONNECTING DUCTS OR TRANSFER OPENING.
6 TYPE "B" OR "C" MOUNTING SHALL BE USED FOR ALL DAMPERS. TYPE "A" MOUNTING IS NOT PERMITTED.

AUTOMATIC FIRE DAMPERS (F.L.D.) WITH HALF BOOT APPLICATION FOR TOILET & KITCHEN



RECTANGULAR GOOSENECK

NO SCALE

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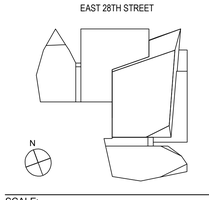
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



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SEAL & SIGNATURE

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DETAIL SHEET NO. 1

DRAWING NO:
M-501.00

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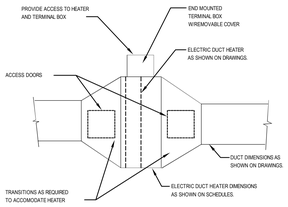
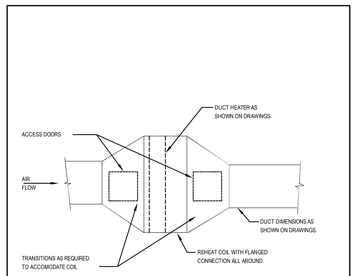


NOTES:

1. PROVIDE APPROVED DUCT HANGERS WITHIN 300mm (12") HORIZONTALLY (BOTH UPSTREAM AND DOWNSTREAM) OF THE HEATER.

ELECTRIC DUCT HEATER DETAIL

NO SCALE

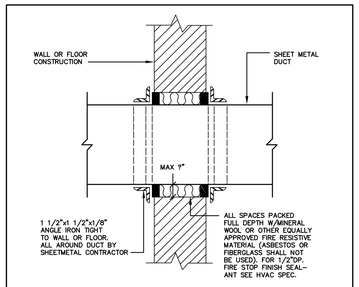


NOTES:

1. PROVIDE APPROVED DUCT HANGERS WITHIN 300mm (12") HORIZONTALLY (BOTH UPSTREAM AND DOWNSTREAM) OF THE COIL.

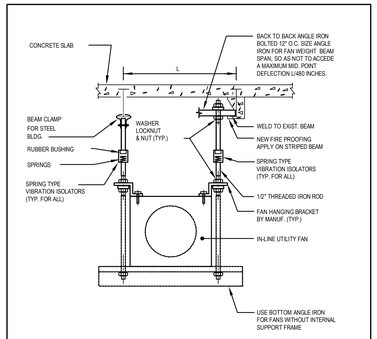
REHEAT COIL DUCT CONNECTION DETAIL

NO SCALE



NOTE:
1. FOR WALLS REQUIRING FIRE DAMPERS, SEE OTHER DETAILS.

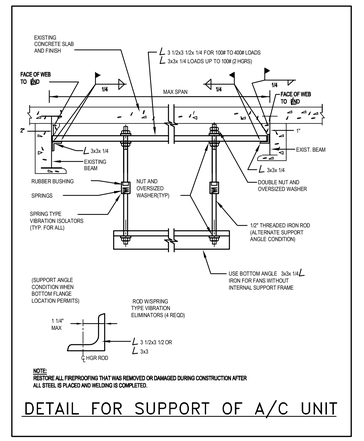
DETAIL OF CAULKING OF DUCT PIERCING WALLS OR FLOORS WHERE FIRE DAMPERS ARE NOT REQUIRED



NOTES:

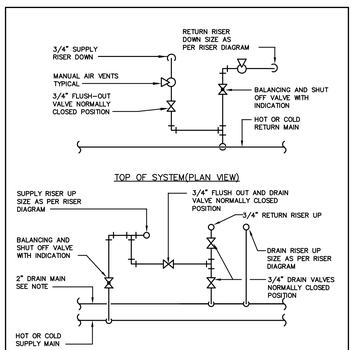
METHOD OF HANGING, TYPE OR INSERT, BEAM CLAMP, ROD, ETC., MUST BE APPROVED BY STRUCTURAL ENGINEER.

IN-LINE FAN SUPPORT DETAIL

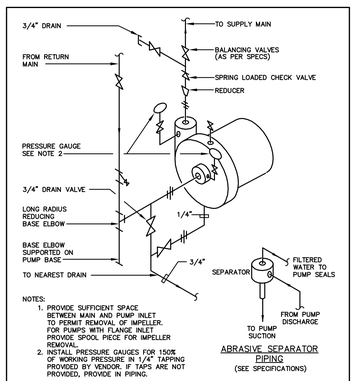


NOTE:
RESTORE ALL FIREPROOFING THAT WAS REMOVED OR DAMAGED DURING CONSTRUCTION AFTER ALL STEEL IS PLACED AND WELDING IS COMPLETED.

DETAIL FOR SUPPORT OF A/C UNIT



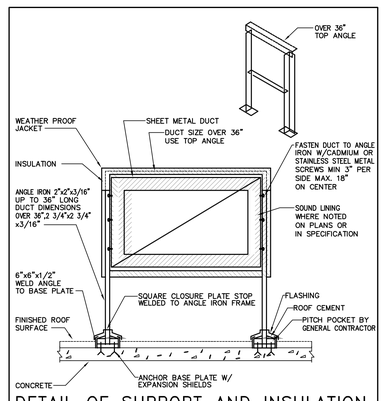
PERIMETER FAN COIL UNIT RISER PIPING CONNECTIONS



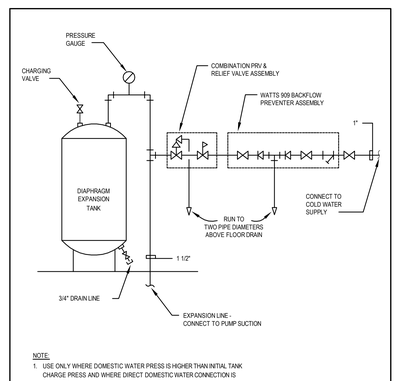
NOTES:
1. PROVIDE SUFFICIENT SPACE BETWEEN MAIN AND PUMP INLET TO PERMIT REMOVAL OF IMPELLER. FOR PUMPS WITH FLANGE INLET PROVIDE SPOOL PIECE FOR IMPELLER REMOVAL.
2. INSTALL PRESSURE GAUGES FOR 150% OF WORKING PRESSURE IN 1/4" TAPPING PROVIDED BY VENDOR. IF TAPS ARE NOT PROVIDED, PROVIDE IN PIPING.

ABRASIVE SEPARATOR PIPING
(SEE SPECIFICATIONS)

WATER PUMP PIPING END SUCTION PUMP

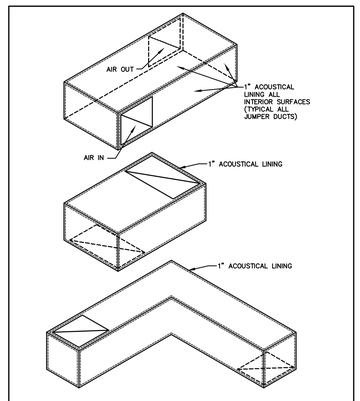


DETAIL OF SUPPORT AND INSULATION FOR ROOF MOUNTED DUCTWORK

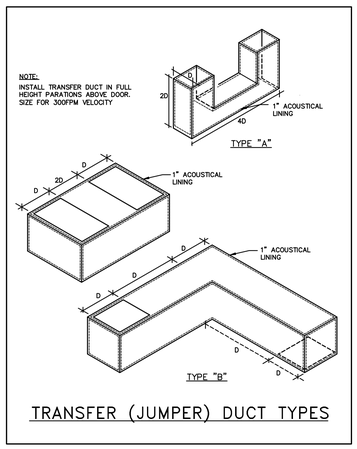


NOTE:
1. USE ONLY WHERE DOMESTIC WATER PRESS IS HIGHER THAN INITIAL TANK CHARGE PRESS AND WHERE DIRECT DOMESTIC WATER CONNECTION IS ALLOWED.

COMPRESSION TANK DETAIL DIAPHRAGM TYPE



TRANSFER (JUMPER) DUCT TYPES



TRANSFER (JUMPER) DUCT TYPES

INTERPRETATION OF SINGLE LINE DUCTWORK

WHERE DUCTWORK IS SHOWN SINGLE LINE, FOLLOWING SHALL APPLY FOR ACTUAL DUCT CONSTR.

SINGLE LINE	ACTUAL CONSTRUCTION
TEE — CONVERGING AIR DIVERGING	VOLUME DAMPER; SINGLE TURNING VANES
ELBOW	SINGLE BLAPE TURNING VANE (EITHER TYPE ELBOW AT CONTR. OPTION-SUBJECT TO SPACE CONDITIONS). VANES SHALL BE WELDED TO RUNNERS.
(BRANCH AIE FLOW 25% OR HIGER) SPLIT OR TAKE-OFF	A,B SHALL BE PROPORTIONAL TO AIR QUANTITY, 4" (10cm) MIN. IF A or B IS LESS THAN 4" (10cm), USE TAP DETAIL. VOLUME DAMPER IN SHORTER BRANCH.
(BRANCH TAP 25% OR OR LESS AIR FLOW) TAP TAKE-OFF	SIDE TAP BRANCH SHALL BE LIMITED TO 25% OF MAIN AIR FLOW; VOLUME DAMPER; AIR FLOW; SUPPLY; RETURN
RISE OR DROP	OFFSET IN VERTICAL PLANE SHALL BE MADE WITH SMOOTH FITTINGS. ELEVATION
HORIZONTAL OFFSET	OFFSET IN HORIZONTAL PLANE SHALL BE MADE WITH SMOOTH FITTINGS.
PLENUM OVER DIFFUSER CONN. TO LINEAR DIFFUSER PLENUM	PLENUM OVER LINEAR SUPPLY OR RETURN DIFFUSER OR GRILLE; CONICAL FITTINGS; REGULATION OF VOLUME DAMPER SHALL BE ACCESSIBLE THROUGH THE FACE OF DIFFUSER
FLD FIRE RATED WALL — FIRE DAMPER	ACCESS DOOR IN DUCT; FLD MOUNTING TYPE DEPENDS ON AIR VELOCITIES AND DUCT SIZE – SEE SPECIFICATIONS.
HTG. COIL — HEATING COIL	FLARE/TRANSITION DUCT TO ACCOMMODATE COIL; COIL WITH FLANGED CONNECTION ALL AROUND; ACCESS DOORS; AIR FLOW

Damian Titus
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Under Directive 2 of 1975
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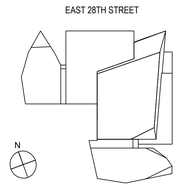
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:

MECHANICAL
DETAIL SHEET NO. 2

DRAWING NO:

M-502.00

NYC DOB NO: 121181808 | 24 of 27

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FILE NAME: C:_WORK\120071\MECH\M502-120071.dwg SAVED BY MCGUIRE, BRIAN ON 6/15/2012 6:48 PM PLOTTED ON 6/15/2012 7:06 PM PLOTTED BY MCGUIRE, BRIAN

DEPT OF BLDGS 121181808 Job Number
IE5971694735 Scan Code

REMOTE FUNCTION SCHEDULE

| SYSTEM/ EQUIPMENT | DESCRIPTION | LOCATION | OPTIMISED-START/STOP | PROGRAMMED-START/STOP | START/STOP (NON-BMS) | INTERLOCK: MASTER | INTERLOCK: SLAVE | INDICATION WITH ANALOG ALARM: SYSTEM RUNNING | SUPPLY AIR TEMP. | RETURN AIR TEMP. | SUPPLY AIR HUMID. | VFD- KW | O.A. DRY BULB | O.A. DEW POINT | BTUH | GPM/CU.FT | KWH | KW | CFH | HOT.WTR.SUPPLY TEMP. | HOT.WTR.RETURN TEMP. | DHWH.SUPPLY TEMP. | DHWH.RETURN TEMP. | HEATING COIL DISCHARGE TEMP. | TRANSFER SWITCH (POSITION) | TRANSFER SWITCH (OPERATION) | COND.WTR.SUPPLY TEMP. | COND.WTR.RETURN TEMP. | COND.WTR. L/S(GPM) | SPACE TEMP. | C.W.PUMPS & C.T.OPTIMIZATION | VALVE STATUS | DAMPER STATUS | SPACE HUMIDITY | METHANE LEVEL | CONDUCTIVITY | RESET: SUPPLY AIR TEMP. | ROOM TEMP. | NIGHT SET BACK TEMP. | COND. WATER TEMP. | LEAD/LAG SWITCH | HOT WATER TEMP. | ALARMS: FREEZESTAT | FILTER | HI TEMP. | LO TEMP. | HI PRESSURE | LO PRESSURE | NO FLOW | LOW LEVEL | HI LEVEL | COMMON ALARMS | LOW SPACE TEMP. | FIRESTAT | DRIP PAN | LOW CHARGE | PUMP FAILURE | HIGH ROOM TEMP | HIGH HUMIDITY | SPILL | FAILURE | HIGH RADON | VIBRATION | VFD COMMON | MISCELLANEOUS: TOTALIZED RUN TIME | TOTALIZED -C.W. FLOW (GPM) | TOTALIZED -BTUH | TOTALIZED -KWH | DEMAND -KW | TOTALIZED - GAS FLOW (CFH) | TOTALIZED ELECT. M/R KWD (KW) | TOTALIZED WATER READING | GRAPHIC | BOILER EFFICIENCY | DISCHARGE STATIC | FIRE ALARM INTERLOCKING | MAINTENANCE MGMT. | WASH-UP SWITCH | O.A. DAMPER SWITCH | BASIN TEMPERATURE | REMARKS |
|---|---|---

DEPT OF BLDGS 121181808 Job Number
ES625664006 Scan Code

REMOTE FUNCTION SCHEDULE

| SYSTEM/ EQUIPMENT | DESCRIPTION | LOCATION | INDICATION WITH ANALOG ALARM: OPTIMISED-START/STOP | PROGRAMMED-START/STOP | START/STOP (NON-BMS) | INTERLOCK: MASTER | INTERLOCK: SLAVE | SYSTEM RUNNING | SUPPLY AIR TEMP. | RETURN AIR TEMP. | SUPPLY AIR HUMID. | VFD- KW | O.A. DRY BULB | O.A. DEW POINT | BTUH | GPM/CU.FT | KWH | KW | CFH | HOT.WTR.SUPPLY TEMP. | HOT.WTR.RETURN TEMP. | DHWH.SUPPLY TEMP. | DHWH. RETURN TEMP. | HEATING COIL DISCHARGE TEMP. | TRANSFER SWITCH (POSITION) | TRANSFER SWITCH (OPERATION) | COND.WTR.SUPPLY TEMP. | COND.WTR.RETURN TEMP. | COND.WTR. L/S(GPM) | SPACE TEMP. | C.W.PUMPS & C.T.OPTIMIZATION | VALVE STATUS | DAMPER STATUS | SPACE HUMIDITY | METHANE LEVEL | CONDUCTIVITY | RESET: SUPPLY AIR TEMP. | ROOM TEMP. | NIGHT SET BACK TEMP. | COND. WATER TEMP. | LEAD/LAG SWITCH | SUPPLY AIR HUMID. | ALARMS: FREEZESTAT | FILTER | HI TEMP. | LO TEMP. | HI PRESSURE | LO PRESSURE | NO FLOW | LOW LEVEL | HI LEVEL | COMMON ALARMS | LOW SPACE TEMP. | FIRESTAT | DRIP PAN | LOW CHARGE | PUMP FAILURE | HIGH ROOM TEMP | HIGH HUMIDITY | SPILL | FAILURE | HIGH RADON | VIBRATION | VFD COMMON | MISCELLANEOUS: TOTALIZED RUN TIME | TOTALIZED -CW FLOW (GPM) | TOTALIZED -BTUH | TOTALIZED -KWH | DEMAND -KW | TOTALIZED - GAS FLOW (CFH) | TOTALIZED ELECT MTR READ (MWH) | TOTALIZED WATER METER READING | GRAPHIC | BOILER EFFICIENCY | DISCHARGE STATIC | FIRE ALARM INTERLOCKING | MAINTENANCE MGMT. | WASH-UP SWITCH | O.A. DAMPER SWITCH | BASIN TEMPERATURE | REMARKS |
|---|---|---

DEPT OF BLDGS 121181808 Job Number
ES0703671176 Scan Code

REMOTE FUNCTION SCHEDULE

| SYSTEM/ EQUIPMENT | DESCRIPTION | LOCATION | OPTIMISED-START/STOP | PROGRAMMED-START/STOP | START/STOP (NON-BMS) | | | INTERLOCK MASTER | INTERLOCK SLAVE | INDICATION WITH ANALOG ALARM: SYSTEM RUNNING | SUPPLY AIR TEMP. | RETURN AIR TEMP. | SUPPLY AIR HUMID. | VFD- KW | O.A. DRY BULB | O.A. DEW POINT | BTUH | GPM/CU.FT | KWH | KW | CFH | HOT.WTR.SUPPLY TEMP. | HOT.WTR.RETURN TEMP. | DHWH.SUPPLY TEMP. | DHWH. RETURN TEMP. | HEATING COIL DISCHARGE TEMP. | TRANSFER SWITCH (POSITION) | TRANSFER SWITCH (OPERATION) | COND.WTR.SUPPLY TEMP. | COND.WTR.RETURN TEMP. | COND.WTR. L/S(GPM) | SPACE TEMP. | C.W.PUMPS & C.T.OPTIMIZATION | VALVE STATUS | DAMPER STATUS | SPACE HUMIDITY | METHANE LEVEL | CONDUCTIVITY | RESET: SUPPLY AIR TEMP. | ROOM TEMP. | NIGHT SET BACK TEMP. | COND. WATER TEMP. | LEAD/LAG SWITCH | SUPPLY AIR HUMID. | ALARMS: FREEZESTAT | FILTER | HI TEMP. | LO TEMP. | HI PRESSURE | LO PRESSURE | NO FLOW | LOW LEVEL | HI LEVEL | COMMON ALARMS | LOW SPACE TEMP. | FIRESTAT | DRIP PAN | LOW CHARGE | PUMP FAILURE | HIGH ROOM TEMP | HIGH HUMIDITY | SPILL | FAILURE | HIGH RADON | VIBRATION | VFD COMMON | MISCELLANEOUS: TOTALIZED RUN TIME | TOTALIZED -CW FLOW (GPM) | TOTALIZED -BTUH | TOTALIZED -HWH | DEMAND -KW | TOTALIZED - GAS FLOW (CFH) | TOTALIZED ELECT MTR READ (KWH) | | TOTALIZED WATER READING | GRAPHIC | BOILER EFFICIENCY | DISCHARGE STATIC | FIRE ALARM INTERLOCKING | MAINTENANCE MGMT. | WASH-UP SWITCH | O.A. DAMPER SWITCH | BASIN TEMPERATURE | | | | | | | | | REMARKS |
|---|---|---

DEPT OF BLDGS 121181808 Job Number
IES4970651251 Skript Code

LIST OF ELECTRIC MOTORS

DESIGNATION OF MOTOR	SPECIAL POWER SOURCE (EM=EMERGENCY GENERATOR POWER; AUX=AUXILIARY - OPTIONAL STANDBY POWER)	MOTOR RATING HP (HORSEPOWER) (CONSTANT TORQUE)	MOTOR RATING VOLTS	MOTOR RATING PHASE	MOTOR RATING TYPE (DC = SQUIRREL CAGE SINGLE SPEED; DSC = SQUIRREL CAGE TWO SPEED; X = HERMETIC SQUIRREL CAGE)	STARTER TYPE (SL = MANUAL; C = COMBINATION; M = MAGNETIC; Cb = CIRCUIT BREAKER; F = FUSED SWITCH; V = VARIABLE SPEED; R = REVERSING; 2 = TWO SPEED; RV = REDUCED VOLTAGE (NUMBER IN PARENTHESES INDICATES MAXIMUM REMOVABLE INRUSH CURRENT); VFC = VARIABLE FREQUENCY DRIVE CONTROLLER)	STARTER TOTALLY ENCLOSED TYPE WITH BREAKER AND DRAIN FITTINGS	STARTER EXPLOSION PROOF TYPE	STARTER ENCAPSULATED SEALED INSULATION TYPE	STARTER PACKAGED UNIT WITH INTEGRAL STARTER	STARTER UNDER VOLTAGE RELAY	STARTER ANTI - CYCLING TIMER	STARTER EQUIPPED WITH CURRENT TRANSFORMER FOR MONITORING BY BMS	STARTER MOUNTING (F = FLOOR; V = VERTICAL SURFACE; FL = FLUSH MCC"xx" = MOTOR CONTROL CENTER "xx" = INDICATES DESIGNATION)	MANUAL MOTOR CONTROL ACTUATING DEVICES IN STARTER COVER PUSH BUTTONS (st = START; sp = STOP; hi = HIGH; lo = LOW; f = FORWARD; r = REVERSE)	MANUAL MOTOR CONTROL ACTUATING DEVICES IN STARTER COVER PILOT LIGHTS (r = LIT WHEN RUNNING; hi = LIT WHEN RUNNING - HI SPEED; lo = LIT WHEN RUNNING - LO SPEED; f = LIT WHEN RUNNING - FORWARD; x = LIT WHEN RUNNING - REVERSE)	MANUAL MOTOR CONTROL ACTUATING DEVICES IN STARTER COVER SELECTOR SWITCH (h = HAND (MANUAL ON); o = OFF; a = AUTO; r = REMOTE; sm = SMOKE VENT (MANUAL ON))
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
AC-1		5T	208	3	SC				CMCb					V					
AC-2		5T	208	3	SC				CMCb					V					
AC-3		2T	208	3	SC				CMCb					V					
AC-4		2T	208	3	SC				CMCb					V					
AC-5		5T	208	3	SC				CMCb					V					
AC-6		3T	208	3	SC				CMCb					V					
AC-7		10T	208	3	SC				CMCb					V					
AC-8		3T	208	3	SC				CMCb					V					
AC-9		8T	208	3	SC				CMCb					V					
AC-10		4T	208	3	SC				CMCb					V					
AC-11		2T	208	3	SC				CMCb					V					
AC-12		7T	208	3	SC				CMCb					V					
AC-13		2.5T	208	3	SC				CMCb					V					
AC-14		2.5T	208	3	SC				CMCb					V					
AC-15		7T	208	3	SC				CMCb					V					
AC-16		6T	208	3	SC				CMCb					V					
AC-17		8T	208	3	SC				CMCb					V					
AC-18		8T	208	3	SC				CMCb					V					
AC-19		6T	208	3	SC				CMCb					V					
AC-20		3T	208	3	SC				CMCb					V					
AC-21		3T	208	3	SC				CMCb					V					
AC-22		3T	208	3	SC				CMCb					V					
AC-23		2T	460	3	SC				CMCb					V					
AC-24		8T	460	3	SC				CMCb					V					
AC-25		2T	208	3	SC				CMCb					V					
HP-1	EM	3 @ 30	208	3	SC				CMCb					V					
BP-1	EM	3 @ 7 1/2	460	3	SC				CMCb					V					
EJ-1, EJ-2	EM	2 @ 5	208	3	SC				CMCb					V					
EJ-3, EJ-4	EM	2 @ 5	208	3	SC				CMCb					V					
SP-1	EM	2 @ 5	208	3	SC				CMCb					V					
SPE-1		1/2	208	3	SC				CMCb					V					
SPE-2		1/2	208	3	SC				CMCb					V					
SPE-3		1/2	208	3	SC				CMCb					V					
SPE-4		1/2	208	3	SC				CMCb					V					
CP-1		1/2	208	3	SC				CMCb					V					
CP-2		1/2	208	3	SC				CMCb					V					
CP-3		1/3	120	1	SC				CMCb					V					
CP-4		1/3	120	1	SC				CMCb					V					
H-1		1/2	208	3	SC				CMCb					V					
H-2		1/2	208	3	SC				CMCb					V					
H-3		1/2	208	3	SC				CMCb					V					
H-4		1/2	208	3	SC				CMCb					V					

LIST OF ELECTRIC MOTORS

DESIGNATION OF MOTOR	SPECIAL POWER SOURCE (EM=EMERGENCY GENERATOR POWER; AUX=AUXILIARY - OPTIONAL STANDBY POWER)	MOTOR RATING HP (HORSEPOWER) (CONSTANT TORQUE)	MOTOR RATING VOLTS	MOTOR RATING PHASE	MOTOR RATING TYPE (DC = SQUIRREL CAGE SINGLE SPEED; DSC = SQUIRREL CAGE TWO SPEED; X = HERMETIC SQUIRREL CAGE)	STARTER TYPE (SL = MANUAL; C = COMBINATION; M = MAGNETIC; Cb = CIRCUIT BREAKER; F = FUSED SWITCH; V = VARIABLE SPEED; R = REVERSING; 2 = TWO SPEED; RV = REDUCED VOLTAGE (NUMBER IN PARENTHESES INDICATES MAXIMUM REMOVABLE INRUSH CURRENT); VFC = VARIABLE FREQUENCY DRIVE CONTROLLER)	STARTER TOTALLY ENCLOSED TYPE WITH BREAKER AND DRAIN FITTINGS	STARTER EXPLOSION PROOF TYPE	STARTER ENCAPSULATED SEALED INSULATION TYPE	STARTER PACKAGED UNIT WITH INTEGRAL STARTER	STARTER UNDER VOLTAGE RELAY	STARTER ANTI - CYCLING TIMER	STARTER EQUIPPED WITH CURRENT TRANSFORMER FOR MONITORING BY BMS	STARTER MOUNTING (F = FLOOR; V = VERTICAL SURFACE; FL = FLUSH MCC"xx" = MOTOR CONTROL CENTER "xx" = INDICATES DESIGNATION)	MANUAL MOTOR CONTROL ACTUATING DEVICES IN STARTER COVER PUSH BUTTONS (st = START; sp = STOP; hi = HIGH; lo = LOW; f = FORWARD; r = REVERSE)	MANUAL MOTOR CONTROL ACTUATING DEVICES IN STARTER COVER PILOT LIGHTS (r = LIT WHEN RUNNING; hi = LIT WHEN RUNNING - HI SPEED; lo = LIT WHEN RUNNING - LO SPEED; f = LIT WHEN RUNNING - FORWARD; x = LIT WHEN RUNNING - REVERSE)	MANUAL MOTOR CONTROL ACTUATING DEVICES IN STARTER COVER SELECTOR SWITCH (h = HAND (MANUAL ON); o = OFF; a = AUTO; r = REMOTE; sm = SMOKE VENT (MANUAL ON))
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
H-5		1/2	208	3	SC				CMCb					V					
H-6		1/2	208	3	SC				CMCb					V					
H-7		1/2	460	3	SC				CMCb					V					
H-8		1/2	460	3	SC				CMCb					V					
AGP-1		5	208	3	SC				CMCb					V					
F-1 (AUTOMATIC FIRE PUMP)		50	208	3	SC				CMCb					V					
SP-1 (JOCKEY PUMP)		2	208	3	SC				CMCb					V					
F-2 (SS FIRE PUMP)		40	208	3	SC				CMCb					V					
SP-2 (JOCKEY PUMP)		1 1/2	208	3	SC				CMCb					V					

* ELECTRICAL & MECHANICAL CONTRACTORS SHALL SEE MECHANICAL DRAWINGS & SPECIFICATIONS FOR STARTER TYPE, MOUNTING, PILOT LIGHT & SELECTOR SWITCH REQUIREMENTS. DATAS SHOWN ARE FOR INFORMATION ONLY.

Damian Titus
Buildings
APPROVED
Under Directive 2 of 1975
Date/Time: Aug 30, 2012 – 10:12 AM
NYC Development Hub

400PAS

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T: 212.725.6800

POOL AND FOUNTAIN
JOEL TRACE
401 S. WATER STREET
NEW WINDSOR, NY 12553
T: 845.562.5611

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ESCE
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NEW YORK, NY 10016
T: 212.400.9032

INTERIOR DESIGN
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1407 BROADWAY STREET
NEW YORK, NY 10018
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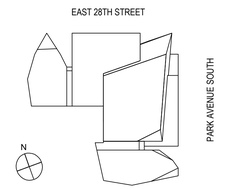
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:
PROJECT NO: 120071
SEAL & SIGNATURE

DRAWING TITLE:
MOTOR CONTROL LIST
SHEET N0. 1

DRAWING NO:
M-604.00

NYC DOB NO: 121181808 | 25 of 27

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FILE NAME C:_WORK\120071\MECH\M604-120071.dwg SAVED ON 6/15/2012 6:48 PM PLOTTED ON 6/15/2012 7:06 PM PLOTTED BY MCGUIRE, BRIAN

DEPT OF BLDGS 121181808 Job Number
ES048118068 Scan Code

LIST OF ELECTRIC MOTORS

DESIGNATION OF MOTOR	SPECIAL POWER SOURCE (EMERGENCY GENERATOR POWER / AUX. AUXILIARY - OPTIONAL STANDBY POWER)	MOTOR RATING HP	VOLTS	PHASE	TYPE	STARTER TYPE					MOUNTING	MANUAL MOTOR CONTROL ACTUATING DEVICES IN STARTER COVER PUSH BUTTONS	PILOT LIGHTS	SELECTOR SWITCH
						TOTALLY ENCLOSED TYPE WITH BREATHER AND DRAIN FITTINGS	EXPLOSION PROOF TYPE	ENCAPSULATED INSULATED INSULATION TYPE	PACKAGED UNIT WITH STARTER	HAND OFF AUTO RELAY	AHOT - COOLING TIMER	EQUIPPED WITH CURRENT TRANSFORMER FOR MONITORING BY BMS	F = FLOOR V = VERTICAL SURFACE FL = MC* = MOTOR CONTROL CENTER *xx* = INDICATES DESIGNATION		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
HVAC-1A		5	460	3	SC				VFC					V			
HVAC-2A		5	460	3	SC				VFC					V			
HVAC-1		5	208	3	SC				VFC					V			
HVAC-2		5	208	3	SC				VFC					V			
P-1		60	208	3	SC				VFC					V			
P-2		60	208	3	SC				VFC					V			
P-3 (STANDBY)		75	208	3	SC				VFC					V			
P-4		75	208	3	SC				VFC					V			
P-5		75	208	3	SC				VFC					V			
P-6		60	208	3	SC				VFC					V			
P-7		60	208	3	SC				VFC					V			
TXF-1		1	208	3	SC				VFC					V			
TXF-2		1/2	120	1	SC				VFC					V			
TXF-3		1	208	3	SC				VFC					V			
TXF-4		1 1/2	208	3	SC				VFC					V			
TXF-5		1 1/2	460	3	SC				VFC					V			
TXF-6		1/2	460	3	SC				VFC					V			
TXF-7		1	460	3	SC				VFC					V			
TXF-8		1 1/2	460	3	SC				VFC					V			
TXF-9		1 1/2	460	3	SC				VFC					V			
TXF-10		1	460	3	SC				VFC					V			
TXF-11		1 1/2	460	3	SC				VFC					V			
TXF-12		1/3	460	3	SC				VFC					V			
KXF-1		1	208	3	SC				VFC					V			
KXF-2		3	208	3	SC				VFC					V			
KXF-3		3	208	3	SC				VFC					V			
KXF-4		4	460	3	SC				VFC					V			
KXF-5		2	460	3	SC				VFC					V			
KXF-6		2	460	3	SC				VFC					V			
KXF-7		2	460	3	SC				VFC					V			
KXF-8		1/4	460	3	SC				VFC					V			
KXF-9		1/4	460	3	SC				VFC					V			
EF-1		1/3	120	1	SC				VFC					V			
EF-2		1/3	120	1	SC				VFC					V			
EF-3		1/2	208	3	SC				VFC					V			
EF-4		1/3	120	1	SC				VFC					V			
EF-5		1/3	120	1	SC				VFC					V			
EF-6		1/2	208	3	SC				VFC					V			
EF-7		3/4	208	3	SC				VFC					V			
EF-8		3/4	208	3	SC				VFC					V			
EF-9		3/4	208	3	SC				VFC					V			

LIST OF ELECTRIC MOTORS

DESIGNATION OF MOTOR	SPECIAL POWER SOURCE (EMERGENCY GENERATOR POWER / AUX. AUXILIARY - OPTIONAL STANDBY POWER)	MOTOR RATING HP	VOLTS	PHASE	TYPE	STARTER TYPE					MOUNTING	MANUAL MOTOR CONTROL ACTUATING DEVICES IN STARTER COVER PUSH BUTTONS	PILOT LIGHTS	SELECTOR SWITCH
						TOTALLY ENCLOSED TYPE WITH BREATHER AND DRAIN FITTINGS	EXPLOSION PROOF TYPE	ENCAPSULATED INSULATED INSULATION TYPE	PACKAGED UNIT WITH STARTER	HAND OFF AUTO RELAY	AHOT - COOLING TIMER	EQUIPPED WITH CURRENT TRANSFORMER FOR MONITORING BY BMS	F = FLOOR V = VERTICAL SURFACE FL = MC* = MOTOR CONTROL CENTER *xx* = INDICATES DESIGNATION		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
EF-10		3/4	208	3	SC				VFC					V			
EF-11		3/4	208	3	SC				VFC					V			
EF-12		3/4	208	3	SC				VFC					V			
EF-13		1/2	208	3	SC				VFC					V			
NOT USED																	
NOT USED																	
EF-16		1/2	460	3	SC				VFC					V			
EF-17		1/2	460	3	SC				VFC					V			
EF-18		3/4	460	3	SC				VFC					V			
EF-19		1/3	120	1	SC				VFC					V			
SF-1		1/3	120	1	SC				VFC					V			
SF-2		1/3	120	1	SC				VFC					V			
SF-3		1/2	208	3	SC				VFC					V			
SF-5		1/3	120	1	SC				VFC					V			
SF-6		1/2	208	3	SC				VFC					V			
SF-7		1 1/2	208	3	SC				VFC					V			
SF-8		1 1/2	208	3	SC				VFC					V			
SF-10		3/4	208	3	SC				VFC					V			
SF-11		3/4	208	3	SC				VFC					V			
SF-12		3/4	208	3	SC				VFC					V			
SF-13		3/4	208	3	SC				VFC					V			
SAF-1		1/3	120	1	SC				VFC					V			
B-1		10	208	3	SC				CMCb					V			
B-2		10	208	3	SC				CMCb					V			
CT-1		50	208	3	SC				VFC					V			
CT-2		50	208	3	SC				VFC					V			
LXF-1		1/4	120	1	SC				VFC					V			
LXF-2		1/4	120	1	SC				VFC					V			

* ELECTRICAL & MECHANICAL CONTRACTORS SHALL SEE MECHANICAL DRAWINGS & SPECIFICATIONS FOR STARTER TYPE, MOUNTING, PILOT LIGHT & SELECTOR SWITCH REQUIREMENTS. DATAS SHOWN ARE FOR INFORMATION ONLY.

Damian Titus
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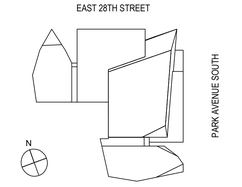
NO.	DATE	ISSUANCE
1	02.17.12	DESIGN DEVELOPMENT
2	05.15.12	80% CDS / GMP SET
3	06.15.12	CONSTRUCTION DOCUMENTS

KEY PLAN



SCALE:

PROJECT NO: 120071

SEAL & SIGNATURE

DRAWING TITLE:

MOTOR CONTROL LIST
SHEET N0. 2

DRAWING NO:

M-605.00

NYC DOB NO: 121181808 | 25 of 27

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