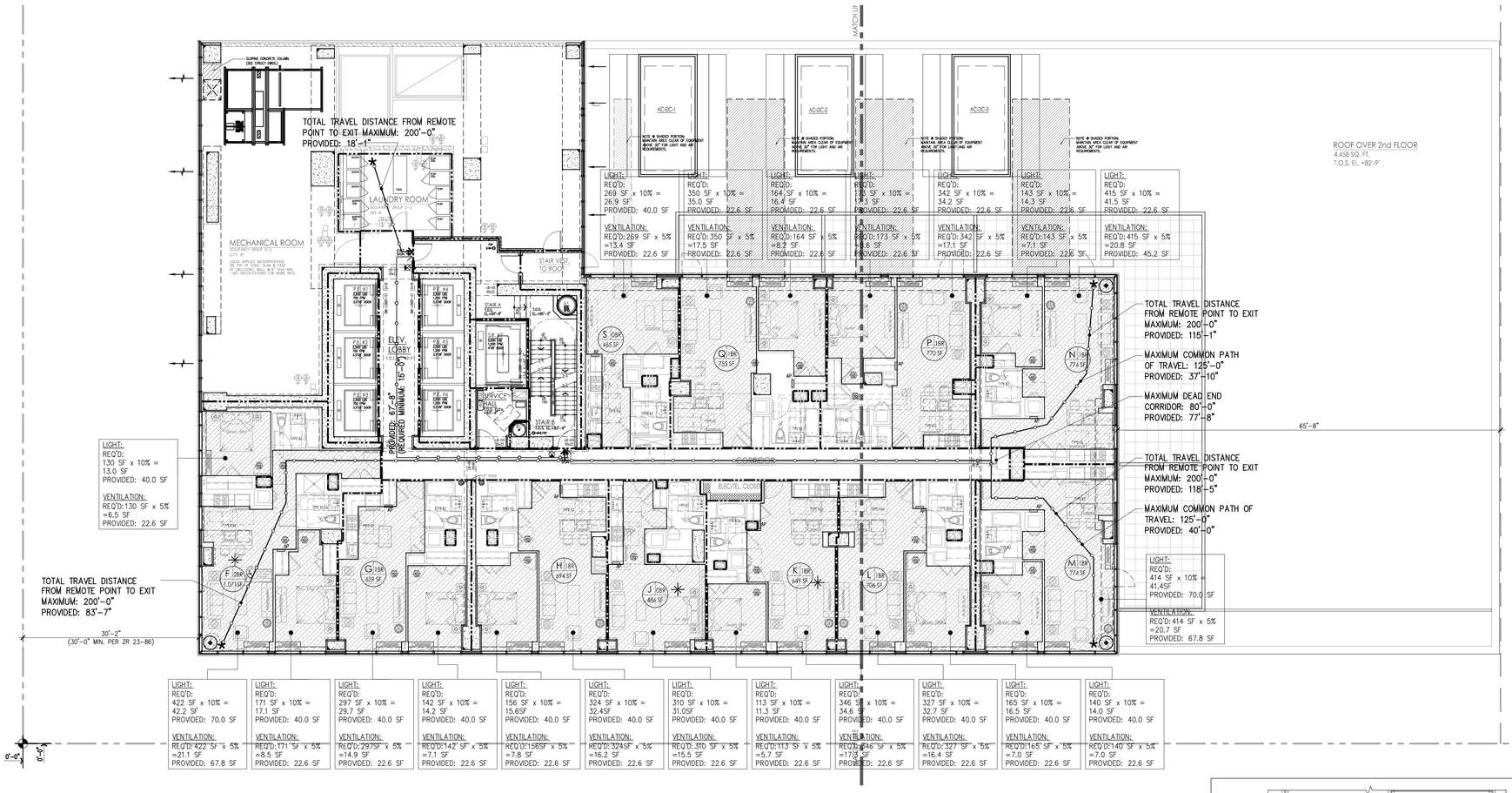
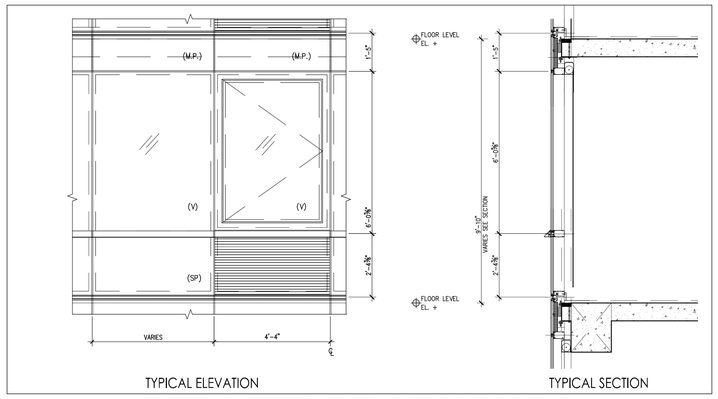
DEPT OF BLDGS 121185760 Job Number
E3676224430 Scan Code





TYPICAL OPERABLE WINDOWS IN D.U.

LEGEND

- HABITABLE SPACE
- GENERAL TRAVEL DISTANCE
- COMMON PATH OF TRAVEL
- DEAD END CORRIDOR
- ONE HOUR BEARING WALLS (45-MINUTE SELF-CLOSING DOORS)
- TWO HOUR WALLS (90-MINUTE SELF-CLOSING DOORS)
- THREE HOUR WALLS (3HR SELF-CLOSING DOORS)
- FIRE EXTINGUISHER
- EXIT SIGNS (ARROW INDICATES DIRECTION)
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR

RESIDENTIAL GENERAL NOTES:
1. BUILDING IS FULLY SPRINKLED PER NFPA 13
2. CORRIDOR PARTITIONS ARE REQUIRED TO BE RATED AS SHOWN, BUT ARE CONSTRUCTED AS 2 HOUR ONLY TO MEET THE STC RATING. CONTRACTOR SHALL FOLLOW FLOOR PLAN AND PARTITION TYPES WHEN CONSTRUCTING WALLS.

GENERAL BUILDING DATA

ADDRESS:	405 WEST 31ST STREET NEW YORK, NEW YORK
BLOCK:	729
ZONING DISTRICT:	C64
ZONING MAP:	8d
LOT AREA:	SF
STORIES:	63
CONSTRUCTION:	62 STORES OF REINFORCED CONCRETE. FOUNDATION SUPPORTED BY PILES

OCCUPANCY CLASS

USE	OCC. CLASS
MERCANTILE	M
RESIDENTIAL	R-2
PARKING	S-2
STORAGE	S-2
MECHANICAL	F-2
BUSINESS	B

OCCUPANT COUNTS

MAX. FLOOR AREA ALLOWANCE PER OCCUPANT-AS PER 2008 NYCBC-1004.1.2

OCCUPANCY	NET FLOOR AREA PER OCCUPANT
HABITABLE ROOM	200 SF
EXERCISE	50 SF
STORAGE ROOMS	30 SF
OFFICES	100 SF
MECHANICAL SPACE	300 SF
RETAIL	30 SF

CODE DATA

BUILDING LIMITATIONS

CATEGORY	CODE SECTION	CRITERIA
1. APPLICABLE BUILDING CODES: HANDICAP LAWS AND GUIDELINES:		2008 BUILDING CODE OF THE CITY OF NEW YORK FEDERAL FAIR HOUSING ACT HANDICAP ACCESSIBILITY: AMERICAN NATIONAL STANDARDS INSTITUTE / ANSI-117.1-2003. AMERICANS WITH DISABILITIES ACT – PUBLIC SPACES (LATEST AMENDMENTS)
2. BUILDING OCCUPANCY:	308.2	R-2 APARTMENTS A-2 ASSEMBLY A-3 EXERCISE M RETAIL S-2 STORAGE, MECHANICAL
3. CONSTRUCTION CLASSIFICATION:	TABLE 601	NONCOMBUSTIBLE I-B
4. HEIGHT LIMITATIONS:	TABLE 503	NO LIMIT HEIGHT OR AREA – IB
5. FIRE PROTECTION		

TABLE 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING TYPE I-B ELEMENTS (HOURS)

COLUMNS, GIRDERS, TRUSSES	2 HRS.
BEARING WALLS – EXTERIOR & INTERIOR	2 HRS.
NON-BEARING WALLS & PARTITIONS – EXTERIOR	TABLE 602
NON-BEARING WALLS & PARTITIONS – INTERIOR	0 HRS.
FLOOR CONSTRUCTION – SUPPORTING BEAMS & JOINTS	2 HRS.
ROOF CONSTRUCTION – SUPPORTING BEAMS & JOINTS	1 HR.

BUILDING LIMITATIONS

TABLE 602 FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE

FIRE SEPARATION DISTANCE	TYPE OF CONSTRUCTION	OCCUPANCY GROUP M	OCCUPANCY GROUP B, R, S-2
< 5	ALL	2	1
>= 5 TO < 10	IA	2	1
>= 5 TO < 10	OTHERS	1	1
>= 10 TO < 30	IA, IB	1	1
>= 10 TO < 30	IIB, VB	0	0
>= 10 TO < 30	OTHERS	1	1
>= 30	ALL	0	0

TABLE 704.8 MAXIMUM AREA OF EXTERIOR WALL OPENINGS

CLASSIFICATION OF OPENING	0 ≤ TO < 3	3≤ TO <5	5≤ TO <10	10≤ TO <15	15≤ TO <20	20≤ TO <25	25 ≤ TO <30	30 ≤
UNPROTECTED	NOT PERMITTED	NOT PERMITTED	10%	15%	25%	45%	70%	NO LIMIT
PROTECTED	NOT PERMITTED	15%	25%	45%	75%	NO LIMIT	NO LIMIT	NO LIMIT

6. SPRINKLERS FULLY SPRINKLERED FOR ALL FLOORS.

7. INTERIOR FINISH CLASS:

TABLE 803.5 INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY

GROUP	VERTICAL EXITS AND EXIT PASSAGEWAYS	EXIT ACCESS CORRIDORS AND OTHER EXITWAYS	ROOMS AND ENCLOSED SPACES	VERTICAL EXITS AND EXIT PASSAGEWAYS	EXIT ACCESS CORRIDORS AND OTHER EXITWAYS	ROOMS AND ENCLOSED SPACES
A-2	B	B	C	A	A	B
R-2	B	C	C	A	B	B

8. EGRESS REQUIREMENTS (FULLY SPRINKLERED):

TABLE 1005.1 EGRESS WIDTH TABLE 1015.1 EXIT ACCESS TRAVEL DISTANCE

OCCUPANCY CLASS	TRAVEL DISTANCE (WITH SPRINKLER)	CAPACITY EGRESS WIDTH FOR OCCUPANTS			CORRIDORS		COMMON PATH OF TRAVEL (1013.3)
		DOORS	STAIRS	RAMPS	MIN. WIDTH	MAX. DEAD END (1016.3)	
R-1, R-2	200	0.2	0.3	0.2	–	40' (80' WITH 2HR CORR)	125'
A-2	150-P/250-S	0.2	0.3	0.2	44	20'	30' (50') SC
M	200	0.2	0.3	0.2	44	20'	125'
S-2	250	0.2	0.3	0.2	44	20'	100'
A	150-P 250-S	0.2	0.3	0.2	44	20'	30'
B	300	0.2	0.3	0.2	44	20'	75'

CODE

9. LOCATION OF EXITS	1014.2.1	DOOR OPENINGS TO VERTICAL EXITS SHALL BE SPACED NOT MORE THAN ONE THIRD OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED. IN R2 WITH SCISSOR STAIRS, DOORS CAN BE SPACED A MINIMUM OF 15'-0" APART.
10. EXIT DOORS	1008.1.1.1	MAX. WIDTH: 48" (PER LEAF) MIN. WIDTH: 32" (SINGLE DOOR)
11. EXIT ACCESS	1013.6	EXIT ACCESS IN R-2 OCCUPANCIES. IN BUILDINGS EXCEEDING THREE STORIES OR MORE IN HEIGHT OR OCCUPIED BY MORE THAN TWO DWELLING UNITS ON ANY STORY, A DOOR FROM A DWELLING UNIT SHALL OPEN INTO AN INTERVENING PUBLIC HALL. SUCH PUBLIC HALL SHALL BE CONSTRUCTED AS A PUBLIC CORRIDOR IN ACCORDANCE WITH SECTION 1016. WHERE TWO OR MORE EXITS ARE REQUIRED.
12. STAIRWAY DOOR	403.12 1008.1.8.7	A DOOR LOCKED FROM THE STAIR SIDE MAY BE PERMITTED PROVIDED THAT SUCH DOOR IS EQUIPPED WITH AN AUTOMATIC FAIL SAFE SYSTEM FOR OPENING IN THE EVENT OF THE ACTIVATION OF ANY AUTOMATIC FIRE DETECTION SYSTEM, OR WHEN ANY ELEVATOR RECALL IS ACTIVATED, OR WHEN ANY SIGNAL IS RECEIVED FROM THE FIRE COMMAND CENTER. SUCH DOOR SHALL BE DEEMED AS OPENABLE FROM THE STAIR SIDE.
13. STAIRWAY WIDTH	1205.2.1	NOT LESS THAN 44" WIDE.
14. STAIR PRESSURE/ POST FIRE SMOKE PURGE	912.1 EXCEPTION #1	POST FIRE SMOKE PURGE NOT REQUIRED IN R2 DUE TO OPERABLE WINDOWS IN COMPLIANCE WITH 912.1(4)(1).
15. ACCESSIBLE MEANS OF EGRESS	1007.2.1 1109.6	(2) ACCESSIBLE MEANS OF EGRESS ARE REQUIRED. BOTH ARE MA AN ELEVATOR AS PER BC 1007.2.1
16. NATURAL LIGHT	1203.4.1.2	10% OF FLOOR AREA OF THE ROOM. EVERY OPENING PROVIDING NATURAL LIGHT MUST BE A MINIMUM OF 12 SF. OF GLAZED AREA
17. NATURAL VENTILATION HABITABLE SPACES.	1009.1	5% OF FLOOR AREA OF THE HABITABLE SPACE

OCCUPANCY CALCULATIONS

PER TABLE 1004.1.2

USE	CLASS	AREA S.F.	FLR AREA/ OCCUPANT	OCCUPANT LOAD
–	–	–	–	– persons
–	–	–	–	– persons

* : INCIDENTAL USE AREAS FOR PER TABLE 508.2
** : ACCESSORY PER TABLE 508.3.1

EGRESS CALCULATIONS

PER 1005.1 (DOORS CALCULATED @ 0.2"/OCCUPANT. STAIRS CALCULATED AT 0.3"/OCCUPANT)

TOTAL NO. OF OCCUPANTS: _____ SF/ 200 SF = ___ OCC.

DOOR WIDTH REQUIRED: ___ OCC. X .2"/P = ___"
DOOR WIDTH PROVIDED: (4) 36" = 144", COMPLIES

STAIR WIDTH REQUIRED: ___ OCC. X .3"/P = ___"
STAIR WIDTH PROVIDED:
STAIR A = 44" WIDE STAIRS
STAIR B = 44" WIDE STAIRS
STAIR D = 44" WIDE STAIRS

PROJECT:

Manhattan West
Southwest Residential Tower

PART OF THE MANHATTAN WEST MASTER PLAN
West 31st street & Dyer Avenue
New York, NY.

OWNER/DEVELOPER:

Brookfield

BOP West 31st Street LLC
Brookfield Properties W 33rd CO.L.P.
Brookfield Place, 250 Vesey Street
New York, NY 10281

ARCHITECT :

SLCE*Architects*,LLP
1359 BROADWAY
NEW YORK, NY 10018
TEL.: (212) 979-8400
FAX.: (212) 979-8387

DESIGN ARCHITECT / MASTER PLAN ARCHITECT:

SOM
Skidmore, Owings & Merrill LLP
14 Wall Street New York, NY 10005
(212) 298-9300

INTERIOR DESIGN :

RW STUDIO
324 LAFAYETTE STREET, 6TH FLOOR
NEW YORK, NY 10012
TEL.: (212) 625-3808
FAX.: (212) 625-3807

LANDSCAPE ARCHITECT :

JAMES CORNER FIELD OPERATIONS
475 TENTH AVENUE
NEW YORK, NY 10018
TEL.: (212) 433-1450

STRUCTURAL ENGINEER :

DeSIMONE CONSULTING ENGINEERS, P.L.L.C.
18 WEST 18TH STREET
NEW YORK, NY 10011
TEL.: (212) 532-2211
FAX.: (212) 481-6108

MECHANICAL ENGINEER :

COSENTINI ASSOCIATES
TWO PENN PLAZA
NEW YORK, N.Y. 10121
TEL.: (212) 615-3600
FAX.: (212) 615-3700

BUILDING ENVELOPE CONSULTANT:

VIDARIS INC. / ISRAEL BERGER & ASSOCIATES, INC.
232 MADISON AVENUE
NEW YORK, NY
TEL.: (203) 489-5389
FAX.: (212) 689-6449

ENERGY / ENVIRONMENTAL CONSULTANT:

VIDARIS INC. / VIRIDIAN ENERGY & ENVIRONMENTAL
50 WASHINGTON STREET
NORWALK, CT 06854
TEL.: (203) 299-1411
FAX.: (203) 299-1656

VERTICAL TRANSPORTATION CONSULTANT:

VAN DEUSEN & ASSOCIATES
5 REGENT STREET, SUITE 524
LIVINGSTON, NJ 07039
TEL.: (973) 994.9220

ACOUSTICAL CONSULTANT:

CERAMI ASSOCIATES
404 FIFTH AVENUE
NEW YORK, NY 10018
TEL.: (212) 370-1776
FAX.: (212) 370-1736

CIVIL ENGINEER :

PHILIP HABIB & ASSOCIATES
102 MADISON AVENUE, 11TH FL.
NEW YORK, NY. 10016
TEL.: (212) 929-5656
FAX.: (212) 929-5605

GEOTECHNICAL ENGINEER :

MUESER RUTLEDGE CONSULTING ENGINEERS
225 WEST 34th, STREET
NEW YORK, NY 10122
TEL.: (917) 339-9300
FAX.: (917) 339-9400

CONSTRUCTION MANAGER:

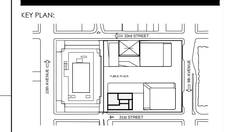
HUNTER ROBERTS CONSTRUCTION GROUP
225 LIBERTY STREET, 6th FLOOR
NEW YORK, NY 10281
TEL.: (212) 321-6800

DATE:	REVISION:
2014-11-07	ISSUED FOR DOB FILING
2014-09-09	ISSUED FOR CONSTRUCTION
2014-08-01	90% CONSTRUCTION DOCUMENTS
2014-06-03	50% CONSTRUCTION DOCUMENTS
2014-05-12	ISSUED FOR FILING
2014-03-14	DESIGN DEVELOPMENT
2014-02-14	ISSUED FOR FOUNDATION FILING

D.O.B. NUMBER: NB# 121185760

NORTH: Scale: 1/8" = 1'-0" (0' 3 6 12 18)

KEY PLAN:



PROJECT:

MANHATTAN WEST
NEW YORK , NEW YORK

DRAWING TITLE:

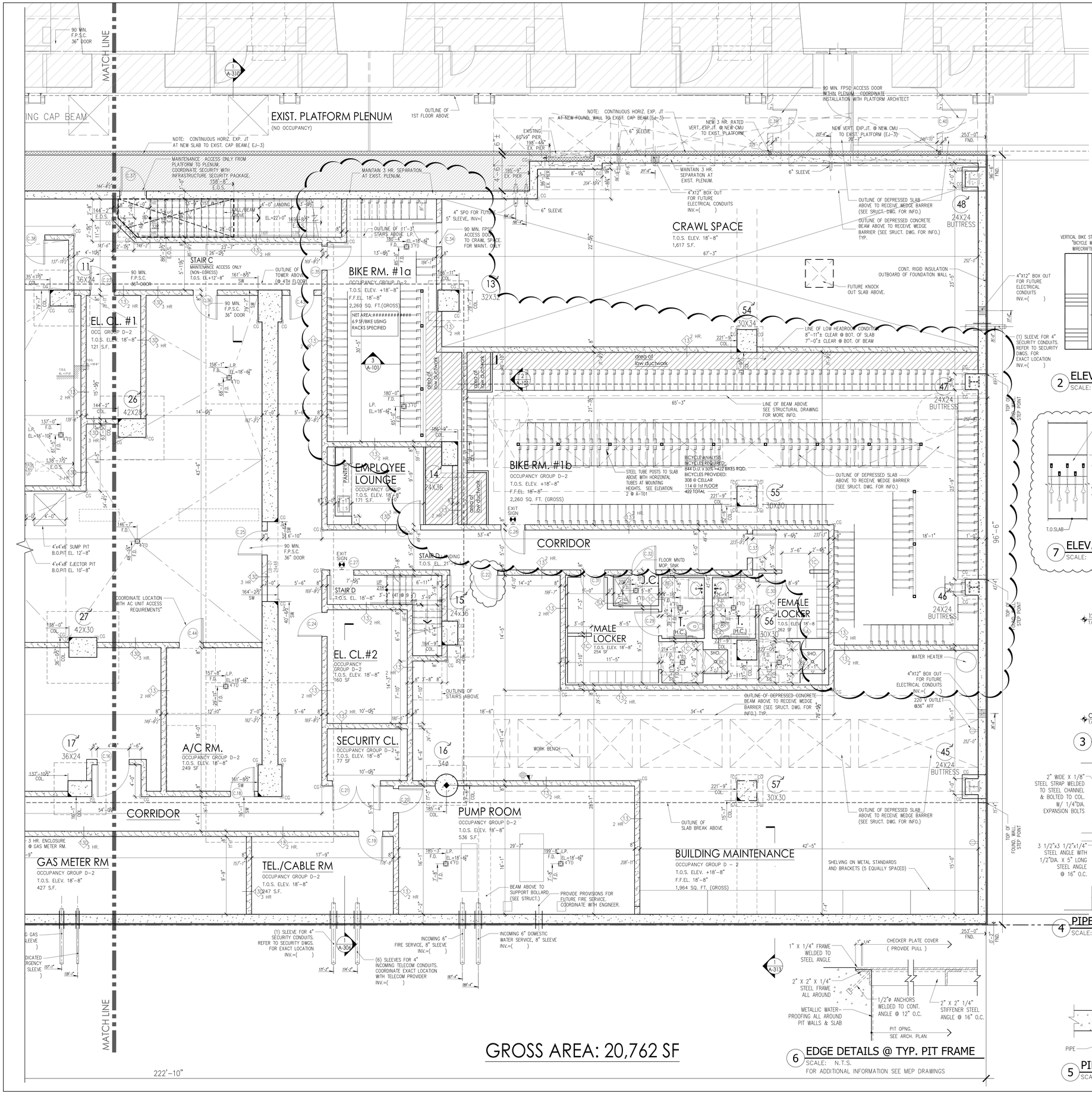
4TH FLOOR
LIFE SAFETY PLAN

SEAL & SIGNATURE:

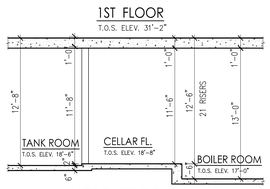
DATE:	11/25/13
PROJECT NO:	2012-32
DRAWN BY:	JCB
CHECKED BY:	T.J.F.
SCALE:	1/8" = 1'-0"
SHEET, NO.:	A-054.00

FILE NO: T:\Brookfield-Manhattan-West (2012-32)\LCD\Drawings\Life Safety\BMW_A054_Life Safety

DEPT OF BLDGS 121185760 Job Number | E303567983 Scan Code

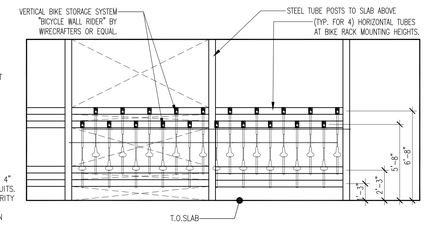


GROSS AREA: 20,762 SF

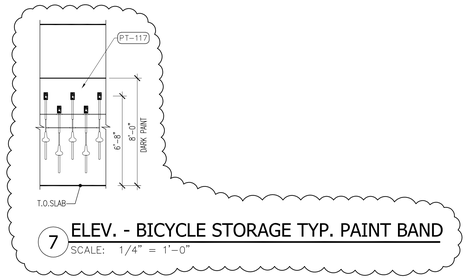


1 HEIGHT DIAGRAM
SCALE: 3/16" = 1'-0"

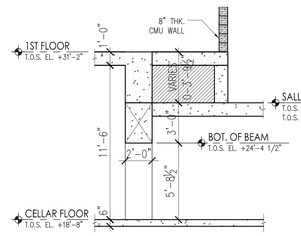
EXPANSION JOINT SCHEDULE:
(AT EXISTING ADJACENT CONSTRUCTION)
EJ-1: 3" total movement, 3 hour fire rating required.
EJ-2: 6" total movement, 3 hour fire rating required with metal cover plate.
EJ-3: 2" total movement, 3 hour fire rating required with metal cover plate.



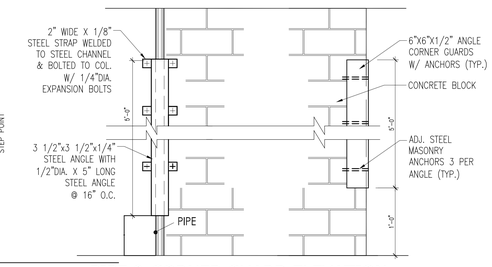
2 ELEV. AT BICYCLE STORAGE SYSTEM
SCALE: 1/4" = 1'-0"



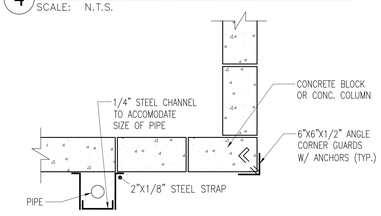
7 ELEV. - BICYCLE STORAGE TYP. PAINT BAND
SCALE: 1/4" = 1'-0"



3 SECTION @ SALLYPORT
SCALE: 1/4" = 1'-0"



4 PIPE & CORNER GUARD ELEVATION
SCALE: N.T.S.



5 PIPE & CORNER GUARD PLAN
SCALE: N.T.S.

6 EDGE DETAILS @ TYP. PIT FRAME
SCALE: N.T.S.
FOR ADDITIONAL INFORMATION SEE MEP DRAWINGS

PROJECT:
Manhattan West
Southwest Residential Tower
PART OF THE MANHATTAN WEST MASTER PLAN
West 31st street & Dyer Avenue
New York, NY.

OWNER/DEVELOPER:
Brookfield
BOP West 31st Street LLC
Brookfield Properties W 33rd CO.L.P.
Brookfield Place, 250 Vesey Street
New York, NY 10281

ARCHITECT:
SLCE*Architects*,LLP
1359 BROADWAY
NEW YORK, NY 10018
TEL.: (212) 979-8400
FAX.: (212) 979-8387

DESIGN ARCHITECT / MASTER PLAN ARCHITECT:
SOM
Skidmore, Owings & Merrill LLP
14 Wall Street New York, NY 10005
(212) 298-9300

INTERIOR DESIGN:
RW STUDIO
324 LAFAYETTE STREET, 6TH FLOOR
NEW YORK, NY 10012
TEL.: (212) 625-3808
FAX.: (212) 625-3807

LANDSCAPE ARCHITECT:
JAMES CORNER FIELD OPERATIONS
475 TENTH AVENUE
NEW YORK, NY 10018
TEL.: (212) 433-1450

STRUCTURAL ENGINEER:
DeSIMONE CONSULTING ENGINEERS, P.L.L.C.
18 WEST 18TH STREET
NEW YORK, NY 10011
TEL.: (212) 532-2211
FAX.: (212) 481-6108

MECHANICAL ENGINEER:
COSENTINI ASSOCIATES
TWO PENN PLAZA
NEW YORK, N.Y. 10121
TEL.: (212) 615-5600
FAX.: (212) 615-3700

BUILDING ENVELOPE CONSULTANT:
VIDARIS INC. / ISRAEL BERGER & ASSOCIATES, INC.
232 MADISON AVENUE
NEW YORK, NY
TEL.: (212) 689-5389
FAX.: (212) 689-6449

ENERGY / ENVIRONMENTAL CONSULTANT:
VIDARIS INC. / VIRIDIAN ENERGY & ENVIRONMENTAL
50 WASHINGTON STREET
NORWALK, CT 06854
TEL.: (203) 299-1411
FAX.: (203) 299-1656

VERTICAL TRANSPORTATION CONSULTANT:
VAN DEUSEN & ASSOCIATES
5 REGENT STREET, SUITE 524
LIVINGSTON, NJ 07039
TEL.: (973) 994.9220

ACOUSTICAL CONSULTANT:
CERAMI ASSOCIATES
404 FIFTH AVENUE
NEW YORK, NY 10018
TEL.: (212) 370-1776
FAX.: (212) 370-1736

CIVIL ENGINEER:
PHILIP HABIB & ASSOCIATES
102 MADISON AVENUE, 11TH FL.
NEW YORK, NY 10016
TEL.: (212) 929-5656
FAX.: (212) 929-5605

GEOTECHNICAL ENGINEER:
MUESER RUTLEDGE CONSULTING ENGINEERS
225 WEST 34th. STREET
NEW YORK, NY 10122
TEL.: (917) 339-9300
FAX.: (917) 339-9400

CONSTRUCTION MANAGER:
HUNTER ROBERTS CONSTRUCTION GROUP
225 LIBERTY STREET, 6th FLOOR
NEW YORK, NY 10281
TEL.: (212) 321-6800

DATE:	REVISION:
2014-08-08	FAA #3
2013-05-01	BULLETIN #5
2013-03-09	ASI - 008
2013-02-17	ASI - 005
2014-12-15	ISSUED FOR GMP
2014-11-18	BULLETIN #3
2014-10-02	BULLETIN #2
2014-10-09	BULLETIN #1
2014-09-09	ISSUED FOR CONSTRUCTION

D.O.B. NUMBER: NB# 121185760

NORTH: Scale: 1/4" = 1'-0" (0 2 4 6 10)

KEY PLAN:

PROJECT:
MANHATTAN WEST
NEW YORK , NEW YORK

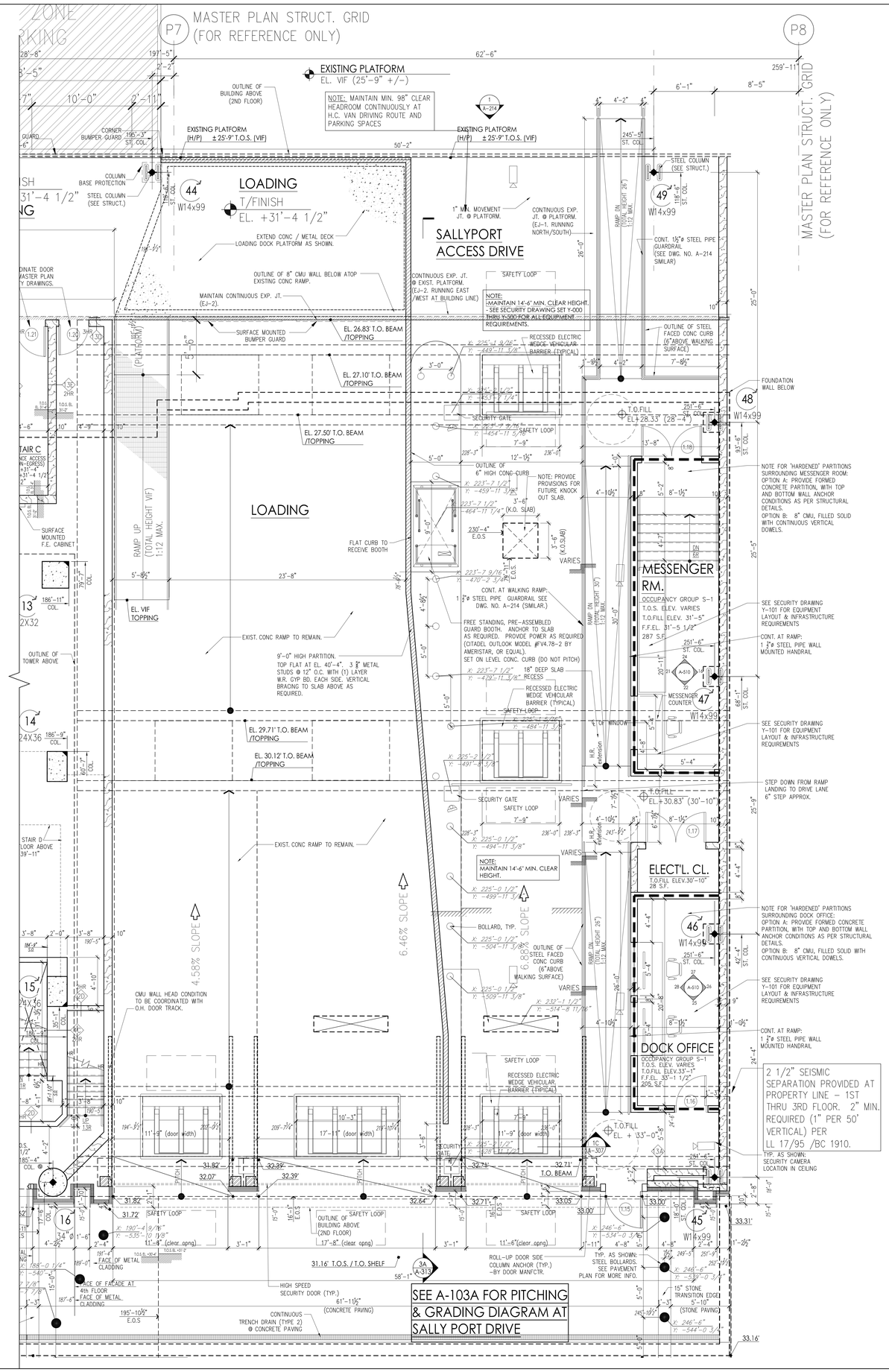
DRAWING TITLE:
PARTIAL CELLAR FLOOR PLAN (EAST)

SEAL & SIGNATURE: REGISTERED ARCHITECT

DATE:	-
PROJECT No:	2012-32
DRAWN BY:	J.J.K.
CHECKED BY:	T.J.F.
DWG. No.:	A-101.01
SHEET. No.:	1 of 000

FILE No: T:\Brookfield-Manhattan-West (2012-32)\SLCE Drawings\BldW_A100_Cellar.dwg

DEPT OF BLDGS 121185760 Job Number E301556003TS Scan Code



PROJECT:

Manhattan West
Southwest Residential Tower

PART OF THE MANHATTAN WEST MASTER PLAN
West 31st street & Dyer Avenue
New York, NY.

OWNER/DEVELOPER:

Brookfield

BOP West 31st Street LLC
Brookfield Properties W 33rd CO.L.P.
Brookfield Place, 250 Vesey Street
New York, NY 10281

ARCHITECT :

SLCE*Architects*,LLP
1359 BROADWAY
NEW YORK, NY 10018
TEL.: (212) 979-8400
FAX.: (212) 979-8387

DESIGN ARCHITECT / MASTER PLAN ARCHITECT:

SOM
Skidmore, Owings & Merrill LLP
14 Wall Street New York, NY 10005
(212) 298-9300

INTERIOR DESIGN :

RW STUDIO
324 LAFAYETTE STREET, 6TH FLOOR
NEW YORK, NY 10012
TEL.: (212) 625-3808
FAX.: (212) 625-3807

LANDSCAPE ARCHITECT :

JAMES CORNER FIELD OPERATIONS
475 TENTH AVENUE
NEW YORK, NY 10018
TEL.: (212) 433-1450

STRUCTURAL ENGINEER :

DeSIMONE CONSULTING ENGINEERS, P.L.L.C.
18 WEST 18TH STREET
NEW YORK, NY 10011
TEL.: (212) 532-2211
FAX.: (212) 481-6108

MECHANICAL ENGINEER :

COSENTINI ASSOCIATES
TWO PENN PLAZA
NEW YORK, N.Y. 10121
TEL.: (212) 615-5600
FAX.: (212) 615-3700

BUILDING ENVELOPE CONSULTANT:

VIDARIS INC. / ISRAEL BERGER & ASSOCIATES, INC.
232 MADISON AVENUE
NEW YORK, NY
TEL.: (212) 689-5389
FAX.: (212) 689-6449

ENERGY / ENVIRONMENTAL CONSULTANT:

VIDARIS INC. / VIRIDIAN ENERGY & ENVIRONMENTAL
50 WASHINGTON STREET
NORWALK, CT 06854
TEL.: (203) 299-1411
FAX.: (203) 299-1656

VERTICAL TRANSPORTATION CONSULTANT:

VAN DEUSEN & ASSOCIATES
5 REGENT STREET, SUITE 524
LIVINGSTON, NJ 07039
TEL.: (973) 994.9220

ACOUSTICAL CONSULTANT:

CERAMI ASSOCIATES
404 FIFTH AVENUE
NEW YORK, NY 10018
TEL.: (212) 370-1776
FAX.: (212) 370-1736

CIVIL ENGINEER :

PHILIP HABIB & ASSOCIATES
102 MADISON AVENUE, 11TH FL.
NEW YORK, NY 10016
TEL.: (212) 929-5656
FAX.: (212) 929-5605

GEOTECHNICAL ENGINEER :

MUESER RUTLEDGE CONSULTING ENGINEERS
225 WEST 34th. STREET
NEW YORK, NY 10122
TEL.: (917) 339-9300
FAX.: (917) 339-9400

CONSTRUCTION MANAGER:

HUNTER ROBERTS CONSTRUCTION GROUP
225 LIBERTY STREET, 6th FLOOR
NEW YORK, NY 10281
TEL.: (212) 321-6800

DATE:	REVISION:
2016-08-08	PAA #3

D.O.B. NUMBER: NB# 121185760

NORTH: Scale: 1/4" = 1'-0"

KEY PLAN:

PROJECT:

MANHATTAN WEST
NEW YORK , NEW YORK

DRAWING TITLE:

1ST FLOOR EAST
TEMP. PLAN DURING CONSTRUCTION

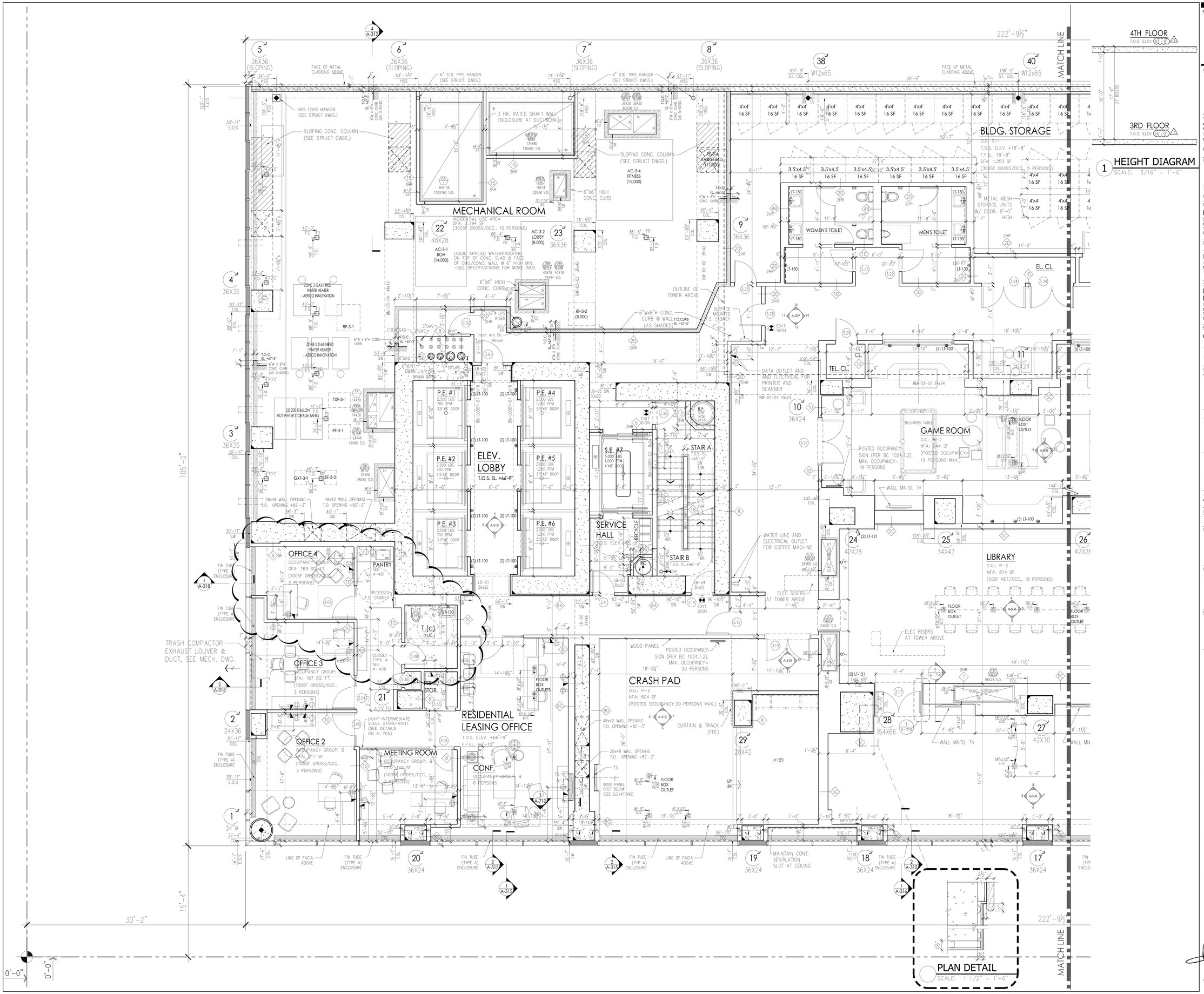
SEAL & SIGNATURE:

DATE:	-
PROJECT No:	2012-32
DRAWN BY:	Z.J.K.
CHECKED BY:	T.J.F.
DOC. No.:	A-121.00
SHEET. No.:	1 of 000

FILE No: T:\Brook\Bk5-Manhattan-West (2012-32)\SLCE\Drawings\Bk#8_A102_01FL.dwg

DEPT OF BLDGS 121185760 Job Number

E390545300 Scan Code



1 HEIGHT DIAGRAM
SCALE: 3/16" = 1'-0"

PROJECT:

Manhattan West
Southwest Residential Tower

PART OF THE MANHATTAN WEST MASTER PLAN
West 31st street & Dyer Avenue
New York, NY.

OWNER/DEVELOPER:

Brookfield

BOP West 31st Street LLC
Brookfield Properties W 33rd CO.L.P.
Brookfield Place, 250 Vesey Street
New York, NY 10281

ARCHITECT :

SLCE*Architects*,LLP
1359 BROADWAY
NEW YORK, NY 10018
TEL.: (212) 979-8400
FAX.: (212) 979-8387

DESIGN ARCHITECT / MASTER PLAN ARCHITECT:

SOM
Skidmore, Owings & Merrill LLP
14 Wall Street New York, NY 10005
(212) 298-9300

INTERIOR DESIGN :

RW STUDIO
324 LAFAYETTE STREET, 6TH FLOOR
NEW YORK, NY 10012
TEL.: (212) 625-3808
FAX.: (212) 625-3807

LANDSCAPE ARCHITECT :

JAMES CORNER FIELD OPERATIONS
475 TENTH AVENUE
NEW YORK, NY 10018
TEL.: (212) 433-1450

STRUCTURAL ENGINEER :

DeSIMONE CONSULTING ENGINEERS, P.L.L.C.
18 WEST 18TH STREET
NEW YORK, NY 10011
TEL.: (212) 532-2211
FAX.: (212) 481-6108

MECHANICAL ENGINEER :

COSENTINI ASSOCIATES
TWO PENN PLAZA
NEW YORK, N.Y. 10121
TEL.: (212) 615-5600
FAX.: (212) 615-3700

BUILDING ENVELOPE CONSULTANT:

VIDARIS INC. / ISRAEL BERGER & ASSOCIATES, INC.
232 MADISON AVENUE
NEW YORK, NY
TEL.: (212) 689-5389
FAX.: (212) 689-6449

ENERGY / ENVIRONMENTAL CONSULTANT:

VIDARIS INC. / VIRIDIAN ENERGY & ENVIRONMENTAL
50 WASHINGTON STREET
NORWALK, CT 06854
TEL.: (203) 299-1411
FAX.: (203) 299-1656

VERTICAL TRANSPORTATION CONSULTANT:

VAN DEUSEN & ASSOCIATES
5 REGENT STREET, SUITE 524
LIVINGSTON, NJ 07039
TEL.: (973) 994.9220

ACOUSTICAL CONSULTANT:

CERAMI ASSOCIATES
404 FIFTH AVENUE
NEW YORK, NY 10018
TEL.: (212) 370-1776
FAX.: (212) 370-1736

CIVIL ENGINEER :

PHILIP HABIB & ASSOCIATES
102 MADISON AVENUE, 11TH FL.
NEW YORK, NY 10016
TEL.: (212) 929-5656
FAX.: (212) 929-5605

GEOTECHNICAL ENGINEER :

MUESER RUTLEDGE CONSULTING ENGINEERS
225 WEST 34th. STREET
NEW YORK, NY 10122
TEL.: (917) 339-9300
FAX.: (917) 339-9400

CONSTRUCTION MANAGER:

HUNTER ROBERTS CONSTRUCTION GROUP
225 LIBERTY STREET, 6th FLOOR
NEW YORK, NY 10281
TEL.: (212) 321-6800

DATE:	REVISION:
2014-08-08	PAA #3
2014-07-27	ASA070
2014-03-03	ASA045
2013-12-04	ASA038
2013-09-01	ASA029
2013-07-10	ASA012
2013-04-12	ASA16
2013-05-01	BULLETIN #5

D.O.B. NUMBER: NB# 121185760

NORTH: Scale: 1/4" = 1'-0"

KEY PLAN:

PROJECT:

MANHATTAN WEST
NEW YORK , NEW YORK

DRAWING TITLE:

PARTIAL 3RD FLOOR PLAN (WEST)

SEAL & SIGNATURE:

DATE:	-
PROJECT NO:	2012-32
DRAWN BY:	Z.J.K
CHECKED BY:	T.J.F.
DWG. NO.:	A-106.01
SHEET. NO.:	1 of 000

FILE NO: T:\Brookfield\Manhattan-West (2012-32)\SLCE\Drawings\BMW_A106_03PL.dwg