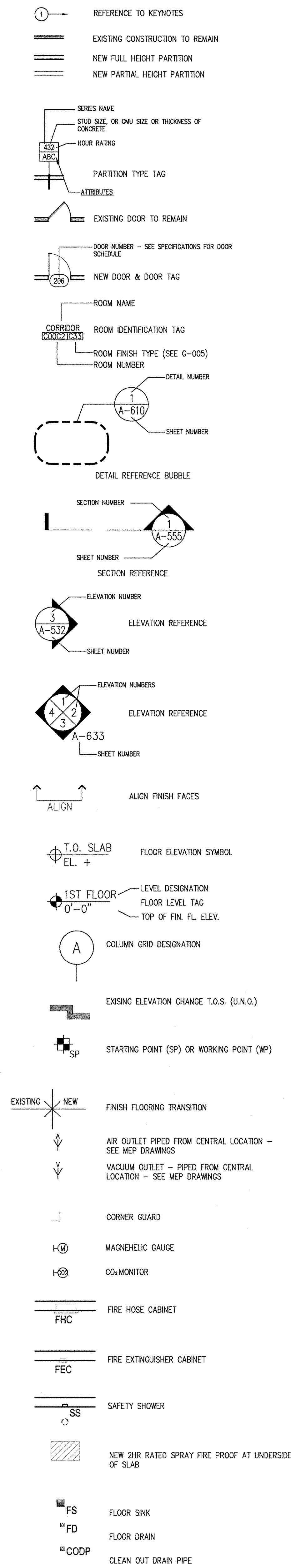


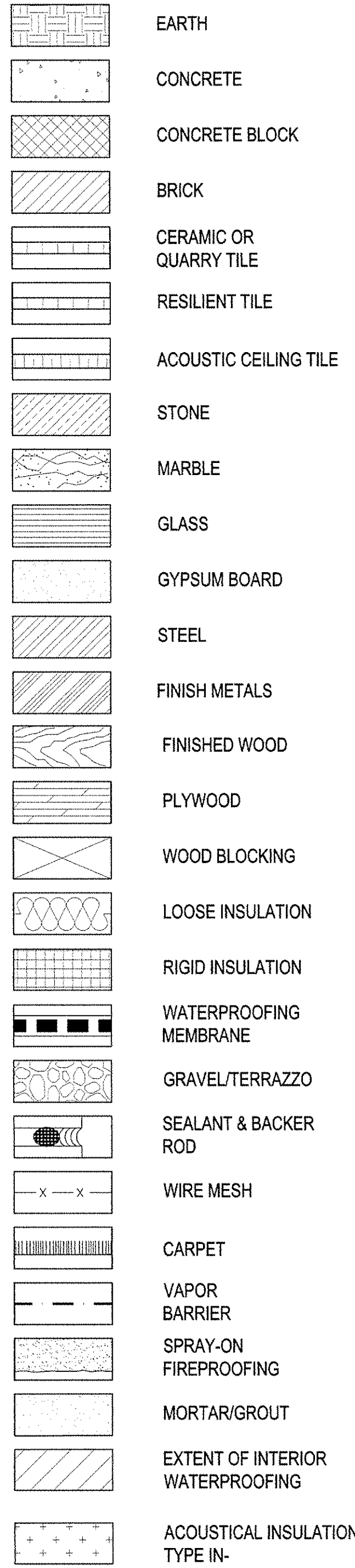
ABBREVIATIONS

A	AIR CONDITIONING	FLEX	FLEXIBLE	P	PUBLIC ADDRESS
A/C	AUDIO VISUAL	FLM	FLASHING	PA	PARALLEL
ACST	ACOUSTICAL	FLMT	FLUSH MOUNTED	PART	PARTIAL
ACT	ACOUSTICAL CEILING TILE	FLR	FLOOR	PAV	PAVERS
AD	AREA DRAIN	FLR REG	FLOOR REGISTER	PCC	PRECAST CONCRETE
ADDL	ADDITIONAL	FLS	FLOOR SEALER	PERF	PERFORATED
ADJ	ADJACENT	FLUOR	FLUORESCENT	PERP	PERPENDICULAR
ADR	ACCESS DOOR	FO	FACE OF BUILDING	PL	PLASTIC LAMINATE
AF	ACCESS FLOOR	FOB	FACE OF BUILDING	PLA	PLASTER
AFF	ABOVE FINISHED FLOOR	FP	SPRAYED ON FIRE PROOFING	PLBG	PLUMBING
AGGR	AGGREGATE	PPM	FEET PER MINUTE	PLYWD	PLYWOOD
AHU	AIR HANDLING UNIT	FR	FIRE RETARDANT / RATING	PNEU	PNEUMATIC
ALT	ALTERNATE	FRM	FRAME	POL	POLISHED
ALUM	ALUMINUM	FRW	FIRE RETARDANT TREATED WOOD	PR	PAIR
ANOD	ANODIZED	FS	FULL SIZE	PREFAB	PREFABRICATE(D)
APPROX	APPROXIMATE(LY)	FSE	FOOD SERVICE EQUIPMENT	PROJ	PROJECT(S)
APT	APARTMENT	FSP	FIRE STANDPIPE	PROP	PROPERTY
ARC	ARCHITECTURAL CONCRETE	FT	FEET (FOOT)	PSF	POUNDS PER SQUARE FOOT
ARCH	ARCHITECT(URAL)	FTG	FOOTING	PSI	POUNDS PER SQUARE INCH
AUTO	AUTOMATIC	FVP	FABRIC WRAPPED PANEL	PT	PAINTED
AUX	AUXILIARY	G	GAS	PTN	PARTITION
AVG	AVERAGE	GA	GALVEY	PVC	POLYVINYL CHLORIDE
		GAL	GALLON(S)	PVG	PAVING
B	BOTTOM OF	GAU	GALVEY	PWR	POWER
B/	BOARD	GALV	GALVANIZED		
BEV	BEVELED	GFRG	GLASS FIBER REINFORCED	Q	QUARRY TILE
BG	BUMPER GUARD	GFRG	GLASS FIBER REINFORCED	QTY	QUANTITY
BLDG	BUILDING	GI	GYPSONUM	R	RISER
BLKG	BLOCKING	GL	GLASS	RA	RETURN AIR
BM	BENCH MARK	GLB	GLASS BLOCK	RAD	RADIUS
BCC	BOTTOM OF CURB	GND	GROUND	RB	RESILIENT BASE
BR	BEDROOM	GPH	GALLONS PER HOUR	RC	REINFORCED CONCRETE
BRK	BRICK	GR	GALLONS PER MINUTE	RD	ROOF DRAIN
BRZ	BRONZE	GRM	GRADE BEAM	RECPT	RECEPTACLE
BS	BRASS	GRD	GRADE	RECT	RECTANGLE
BSMT	BASEMENT	GRWB	GYPSONUM WALLBOARD	REF	REFERENCE
BTU	BRITISH THERMAL UNIT			REFR	REFRIGERATOR
C	CAPACITY			REG	REGISTER
CAP	CATCH BASIN	H	HOSE BIB	REIN	REINFORCE(D) - (ING, -MENT)
CB	CATCH BASIN	HB	HOSE BIB	REQD	REQUIRED
CCTV	CLOSED CIRCUIT TELEVISION	HD	HEAD	REV	REVISED / REVISION
CD	COILING DOORS	HDW	HARDWARE	RF	RESILIENT FLOORING
CEM	CEMENT	HEX	HEXAGON(AL)	RFG	ROOFING
CFI	CONTRACTOR FURNISHED	HM	HOLLOW METAL	RH	RIGHT HAND
CFI	CONTRACTOR INSTALLED	HNDR	HANDRAIL	RM	ROOM
CFM	CUBIC FEET PER MINUTE	HO	HOLD OPEN	RMX	RESIN MATRIX
CG	CORNER GUARD(S)	HORIZ	HORIZONTAL	RND	ROUND(ED)
CI	CAST IRON	HPT	HIGH POINT	RO	ROUGH OPENING
CJ	CONTROL JOINT	HR	HOUR(S)	ROW	RIGHT OF WAY
CL	CENTER LINE	HT	HEIGHT	RPM	REVOLUTIONS PER MINUTE
CLG	CEILING	HVAC	HEATING, VENTILATION, AIR CONDITIONING	RR	RAILROAD
CLG HT	CEILING HEIGHT	HWY	HIGHWAY	RS	ROOFING SYSTEM
CLO	CLOSET			S	SUPPLY AIR
CLR OPNG	CLEAR OPENING			SA	SANITARY
CMU	CONCRETE MASONRY UNIT			SB	SPLASH BLOCK
CO	CLEANOUT			SCHED	SCHEDULE(D)
COL	COLUMN			SE	SEALANT
CONC	CONCRETE			SECT	SECTION
CONC FILL	CONCRETE FILL			SHR	SHOWER
CONF	CONFERENCE			SHT	SHEET
CONN	CONNECTION			SHTG	SHEATHING
CONSTR	CONSTRUCTION			SHM	SIMILAR
CONSTR JT	CONSTRUCTION JOINT			SJ	SEALANT JOINT
CONT	CONTINUOUS / CONTINUE			SLDG	SLIDE / SLIDING
CONV	CONVECTOR			SPEC	SPECIFICATION(S)
CORR	CORRIDOR			SPS	SPRINKLER
CPT	CARPET(ED)			SQ	SQUARE
CSK	COUNTERSINK / COUNTERSUNK			SQ FT	SQUARE FOOT / FEET
CSWK	CASEWORK			SST	STAINLESS STEEL
CT	CERAMIC TILE			ST	STONE
CTR	CENTER(ED)			STC	SOUND TRANSMISSION CLASS
CU	CUBIC			STD	STANDARD
CW	COLD WATER			STL	STEEL
D	DAVITS			STOR	STORAGE
DVT	DEBEL			STRUCT	STRUCTURE / STRUCTURAL
DB	DOUBLE			SURF MTD	SURFACE MOUNTED
DBL	DOUBLE			SUSP	SUSPENDED / SUSPENSION
DD	DECK DRAIN			SWBD	SWITCHBOARD
DEG	DEGREE			SYMM	SYMMETRICAL
DEPT	DEPARTMENT				
DET	DETAIL				
DF	DRINKING FOUNTAIN				
DH	DOUBLE HUNG				
DIA	DIAMETER				
DIA	DIAGONAL				
DIFF	DIFFUSER				
DIM	DIMENSION				
DISP	DISPENSER				
DIV	DIVIDE / DIVISION				
DL	DEAD LOAD				
DMPF	DAMP-PROOFING				
DMPR	DAMPER				
DN	DOWN				
DR	DINING ROOM				
DRB	DRAINAGE BOARD				
DRP	DRAPERY				
DWG	DRAWING(S)				
DWTR	DUMBWAITER				
E	EACH				
EA	EACH				
EC	EXPOSED CONSTRUCTION				
EFS	EXTERIOR INSULATED FINISH SYSTEM				
EJ	EXPANSION JOINT				
EL	ELEVATION (GRADE)				
ELAST	ELASTOMERIC				
ELEC	ELECTRIC(IAL)				
ELEC CL	ELECTRIC CLOSET				
ELEV	ELEVATOR				
ELEV	ELEVATION (BLDG)				
EM	ENTRANCE MAT				
ENGR	EMERGENCY				
ENCL	ENCLOSURE / ENCLOSE(D)				
ENR	ENTRANCE				
EOS	EDGE OF SLAB				
EQ	EQUAL				
EQUIP	EQUIPMENT				
ESCAL	ESCALATOR				
EW	EACH WAY				
EW	ELECTRIC WATER COOLER				
EXH	EXHAUST				
EXIST	EXISTING				
EXIST	EXISTING				
EXIST GR	EXISTING GRADE				
EXP	EXPOSED				
EXPN	EXPANSION				
EXT	EXTERIOR				
F	FAHRENHEIT				
FA	FIRE ALARM				
FAAP	FIRE ALARM ANNUNCIATOR PANEL				
FAB	FABRIC				
FAI	FRESH AIR INTAKE				
FD	FLOOR DRAIN				
FDMPR	FIRE DAMPER				
FDTN	FOUNDATION				
FE	FIRE EXTINGUISHER				
FEC	FIRE EXTINGUISHER CABINET				
FH	FIRE HYDRANT				
FHC	FIRE HOSE CABINET				
FHR	FIRE HOSE RACK (REEL)				
FI	FILLERS				
FIN	FINISHED				
FIN FL	FINISH FLOOR				
FIN GR	FINISH GRADE				
FPSC	FIRE PROOF SELF CLOSING				

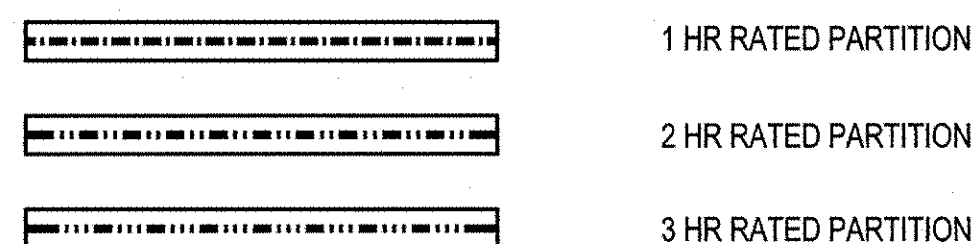
CONSTRUCTION PLAN LEGEND



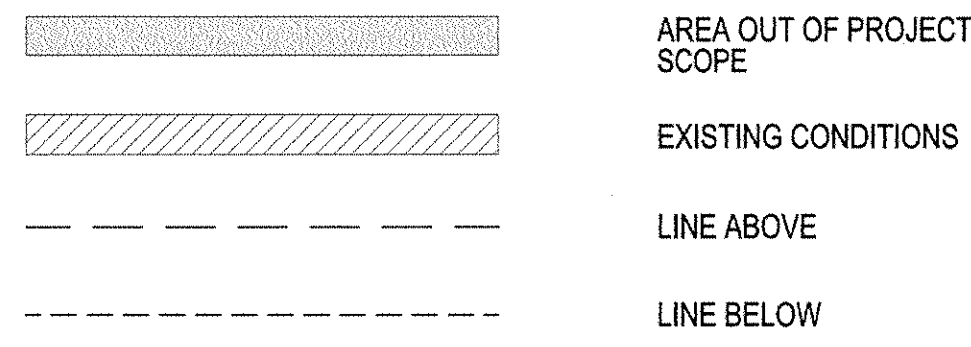
MATERIAL LEGEND



WALL FIRE RATING DESIGNATIONS



GRAPHIC CONVENTIONS



DRAWING LIST

SHEET NUMBER	DRAWING NAME	05/02/2014 ISSUED FOR PERMIT FILING	06/10/2015 ISSUED FOR PERMIT FILING	07/07/2015 ISSUED FOR PERMIT FILING	08/14/2015 ISSUED FOR PERMIT FILING	09/29/2015 ISSUED FOR PERMIT FILING
G-000.02	COVER SHEET	*	*	*	*	*
G-001.04	ABBREVIATIONS, SYMBOLS & DRAWING LIST	*	*	*	*	*
G-002.01	GENERAL NOTES	*	*	*	*	*
G-005.01	BUILDING LOCATION PLAN	*	*	*	*	*
G-006.01	DYER AVENUE PANYNJ EASMENT	*	*	*	*	*
A-301.04	1ST FLOOR PLAN	*	*	*	*	*
A-302.04	2ND FLOOR PLAN	*	*	*	*	*
A-303.00	BAR BUILDING PLANS	*	*	*	*	*
A-310.00	2ND FLOOR PLAZA AND TUNNEL LIGHTING PLANS	*	*	*	*	*
A-500.04	DYER AV. SECTIONS	*	*	*	*	*
A-501.02	DYER AV. SECTIONS	*	*	*	*	*
A-502.00	BAR BUILDING SECTIONS	*	*	*	*	*
A-503.00	GENERATOR EXHAUST PLENUM SECTIONS	*	*	*	*	*
A-505.03	ENLARGED PLANS & ELEVATIONS	*	*	*	*	*
A-506.01	ELEVATOR PLANS, ELEVATIONS AND SECTIONS	*	*	*	*	*
A-507.00	ELEVATOR CAB PLANS AND ELEVATIONS	*	*	*	*	*
A-508.00	VERTICAL TRANSPORTATION DETAILS	*	*	*	*	*
A-510.01	SECTION DETAILS	*	*	*	*	*
A-515.01	PLAN & SECTION DETAILS	*	*	*	*	*
A-516.00	PLAN & SECTION DETAILS	*	*	*	*	*
A-517.00	BAR BUILDING DETAILS	*	*	*	*	*
A-520.01	PLAN & SECTION DETAILS	*	*	*	*	*
A-700.00	DOOR DETAILS, DOOR SCHEDULE & WALL TYPES	*	*	*	*	*

MANHATTAN WEST: SOUTHWEST RESIDENTIAL TOWER SITE

West 31st Street
New York, NY

Client

Brookfield

250 Vesey Street, 15th Floor, New York, NY 10281

Architecture/Structural Engineering

SOM

Skidmore, Owings & Merrill LLP

14 Wall Street, New York, NY 10005

Landscape Architecture

James Corner Field Operations

475 Tenth Avenue, 9th Floor, New York, NY 10018

Plumbing Engineering

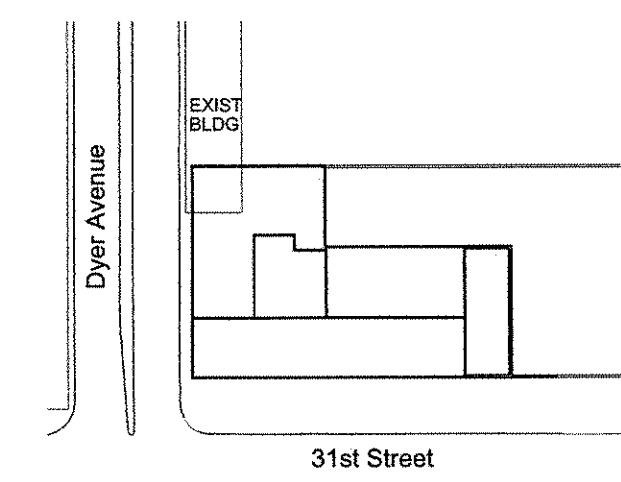
Jaros Baum & Bolles

80 Pine Street, 12th Floor, New York, NY 10005

Electrical Engineering

Cosentini Associates

Two Pennsylvania Plaza, 3rd Floor, New York, NY 10121



KEY PLAN

5 26 OCT 2015 ISSUED FOR PERMIT FILING

4 14 AUG 2015 ISSUED FOR PERMIT FILING

3 10 JUL 2015 ISSUED FOR PERMIT FILING

2 10 JUL 2015 ISSUED FOR PERMIT FILING

1 02 MAY 2014 ISSUED FOR PERMIT FILING

No. Date Description

Sheet Name:

ABBREVIATIONS, SYMBOLS & DRAWING LIST

Seal & Signature:

Date: 09 JUN 2014

NYC DOB Number:

Project No: 201120

Scale: NTS

Drawn By: G-001.01

CAD FILE Name: G-001.DWG

© Skidmore, Owings & Merrill LLP, 2014

nt

250 Vesey Street, 15th Floor, New York, NY 10281

Architecture/Structural Engineering

Skidmore, Owings & Merrill LLP
14 Wall Street, New York, NY 10005

Landscape Architecture

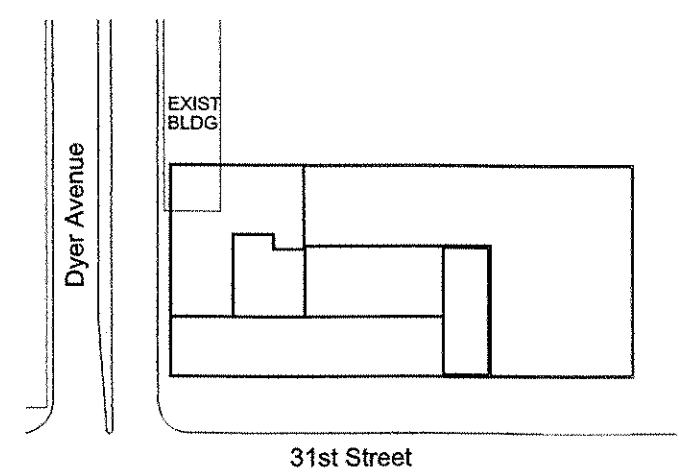
James Corner Field Operations
475 Tenth Avenue, 9th Floor, New York, NY 10018

Plumbing Engineering

Jaros Baum & Bolles
80 Pine Street, 12th Floor, New York, NY 10005

Electrical Engineering

Cosentini Associates
Two Pennsylvania Plaza, 3rd Floor, New York, NY 10121




 KEYPLAN

5	26 OCT 2015	ISSUED FOR PERMIT FILING
4	14 AUG 2015	ISSUED FOR PERMIT FILING
3	10 JUL 2015	ISSUED FOR PERMIT FILING
2	10 JUNE 2015	ISSUED FOR PERMIT FILING
1	02 MAY 2014	ISSUED FOR PERMIT FILING
Mo	Date	Description

Sheet Name:

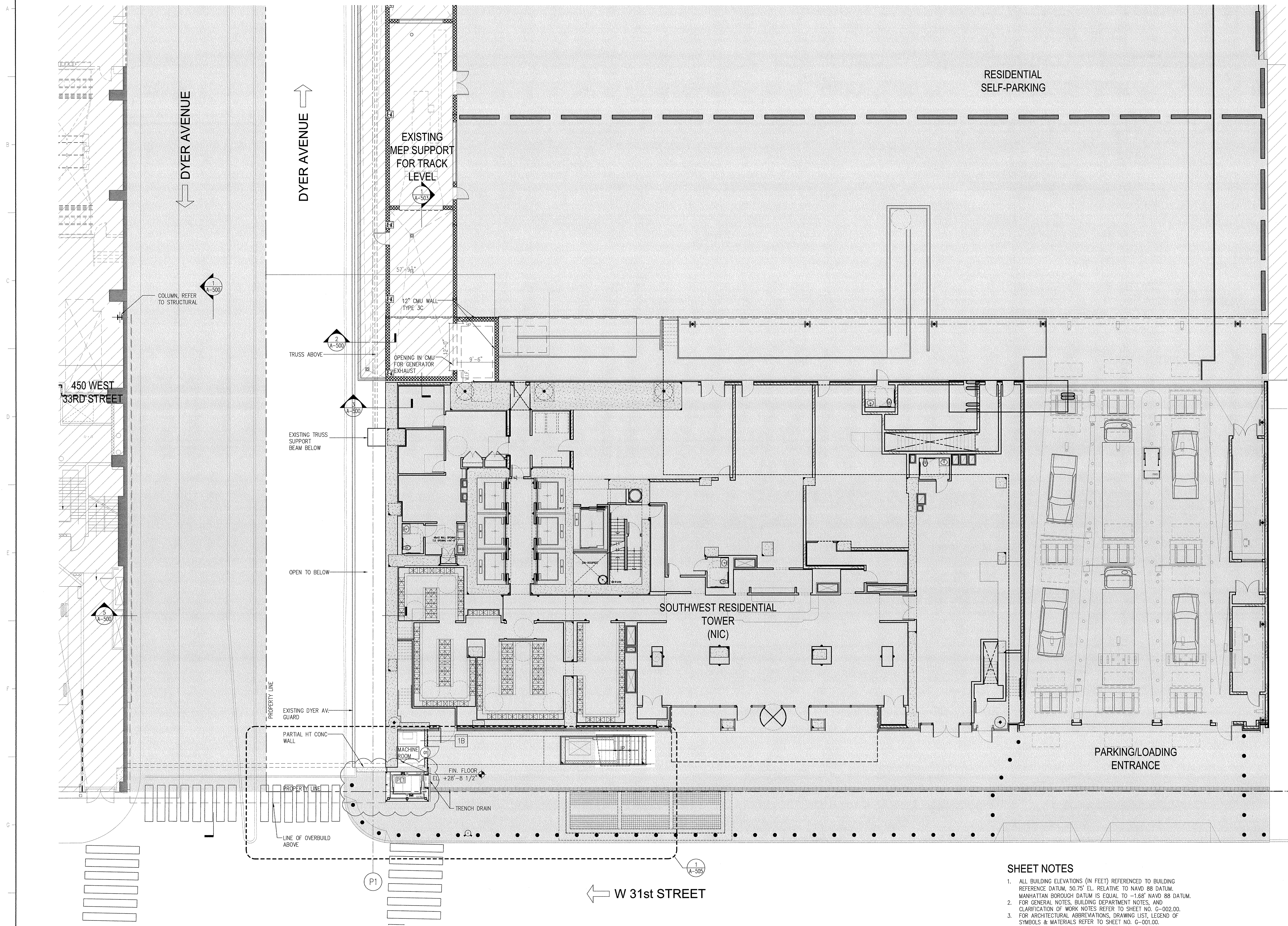
1ST FLOOR PLAN

Seal & Signature: 

Date: 09 JAN 2014
NYC DOB Number:
Project No: 207120
Scale: 1/8" = 1'
DWG No: **A-301.0**

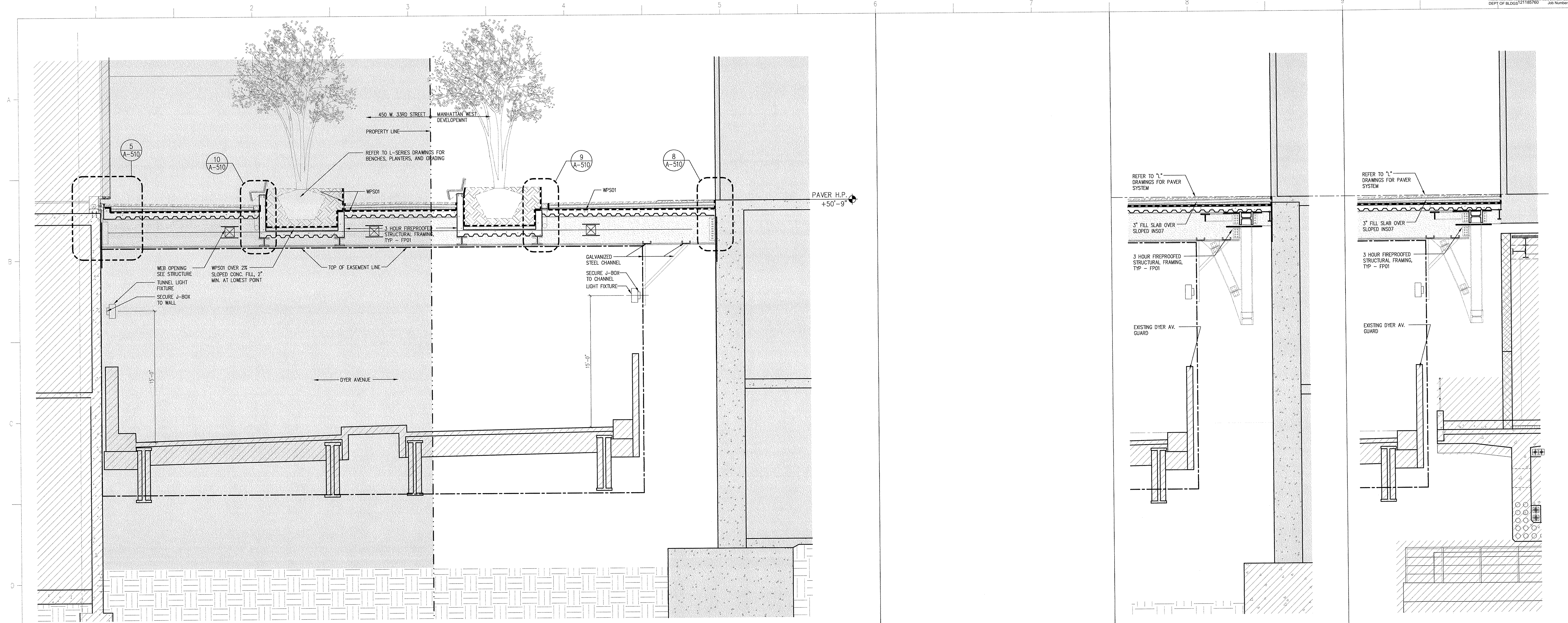
CAD FILE Name:
A-301.DWG

© Skidmore, Owings & Merrill LLP, 2014



1. ALL BUILDING ELEVATIONS (IN FEET) REFERENCED TO BUILDING REFERENCE DATUM, 50.75' EL. RELATIVE TO NAVD 88 DATUM. MANHATTAN BOROUGH DATUM IS EQUAL TO -1.68' NAVD 88 DATUM.
2. FOR GENERAL NOTES, BUILDING DEPARTMENT NOTES, AND ELUCIDATION OF WORK NOTES REFER TO SHEET NO. C-002.00.
3. FOR ARCHITECTURAL ABBREVIATIONS, DRAWING SET, LEGEND OF SYMBOLS & MATERIALS REFER TO SHEET NO. C-001.00.
4. FOR STEEL STAIR DETAILS REFER TO S, AND A SERIES DRAWINGS THIS SET, FOR STAIR CONCRETE FOOTINGS REFER TO SOUTHWEST TOWER DRAWINGS.
5. REFER TO A-310 AND ELECTRICAL LIGHTING DRAWINGS FOR LIGHTING LAYOUT AND DESIGN.

This property is not located in a Special Flood Hazard Area.



5 DYER AVENUE OVERBUILD SECTION E-W

SCALE: (P) 1/4" = 1'

4 NOT USED

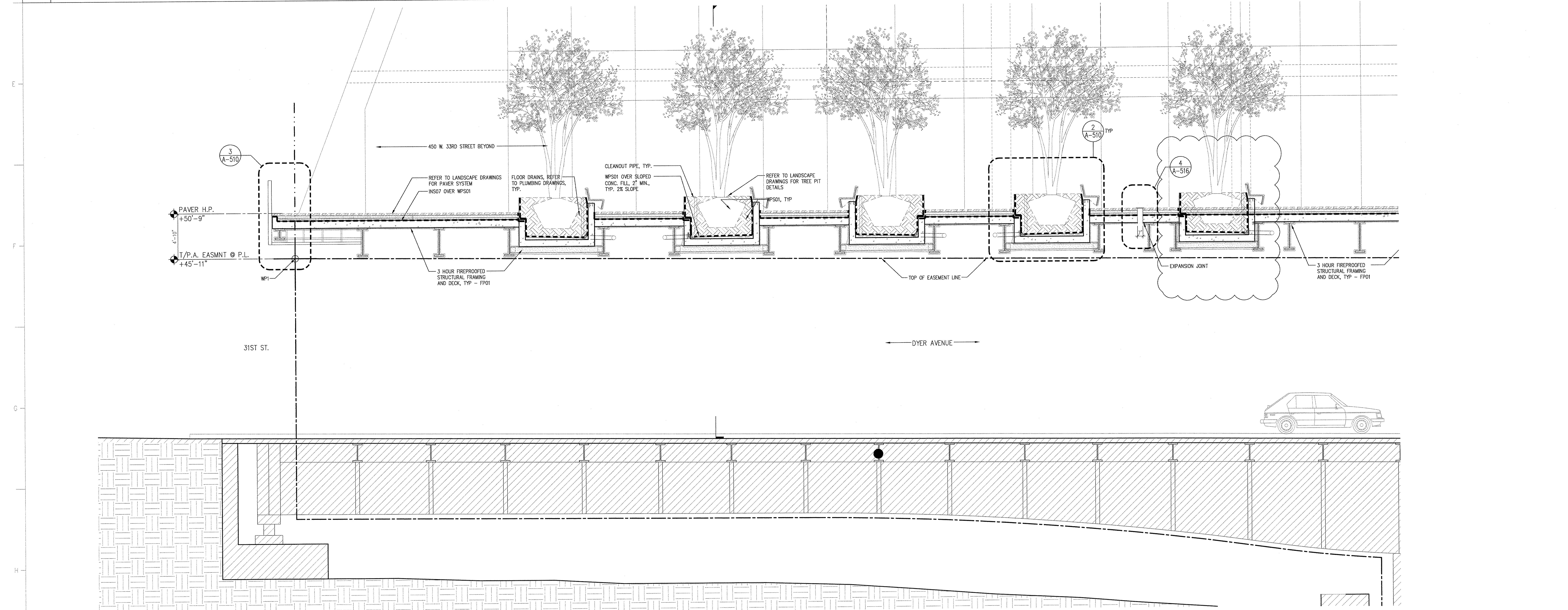
SCALE: (P) 1/4" = 1'

3 SECTION

SCALE: (P) 1/4" = 1'

2 SECTION

SCALE: (P) 1/4" = 1'



1 DYER AVENUE OVERBUILD SECTION N-S

SCALE: (P) 1/4" = 1'

MANHATTAN
WEST:
SOUTHWEST
RESIDENTIAL
TOWER
SITE

West 31st Street
New York, NY

Client

Brookfield

250 Vesey Street, 16th Floor, New York, NY 10281

Architecture/Structural Engineering

SOM

Skidmore, Owings & Merrill LLP
14 Wall Street, New York, NY 10005

Landscape Architecture

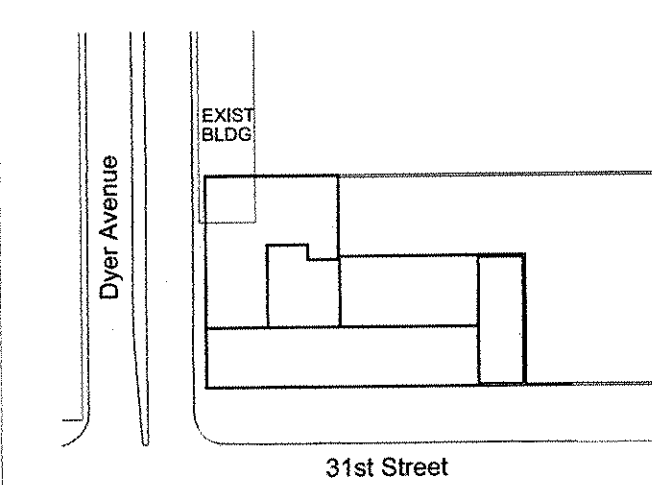
James Corner Field Operations
475 Tenth Avenue, 8th Floor, New York, NY 10018

Plumbing Engineering

Jaros Baum & Bolles
80 Pine Street, 12th Floor, New York, NY 10005

Electrical Engineering

Cosentini Associates
Two Pennsylvania Plaza, 3rd Floor, New York, NY 10121



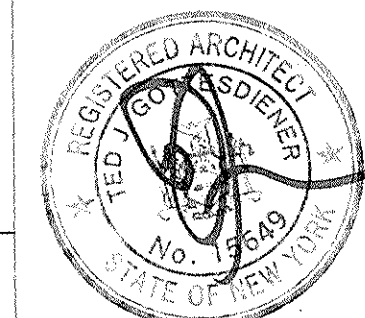
KEY PLAN

5	26 OCT 2015	ISSUED FOR PERMIT FILING
4	14 AUG 2015	ISSUED FOR PERMIT FILING
3	10 JUL 2015	ISSUED FOR PERMIT FILING
2	10 JUN 2015	ISSUED FOR PERMIT FILING
1	02 MAY 2014	ISSUED FOR PERMIT FILING
No.	Date	Description

Sheet Name:

DYER AV.
SECTIONS

Seal & Signature:



Date: 09 JAN 2014

NYC DOB Number:

Project No: 207120

Scale: 1/16" = 1'

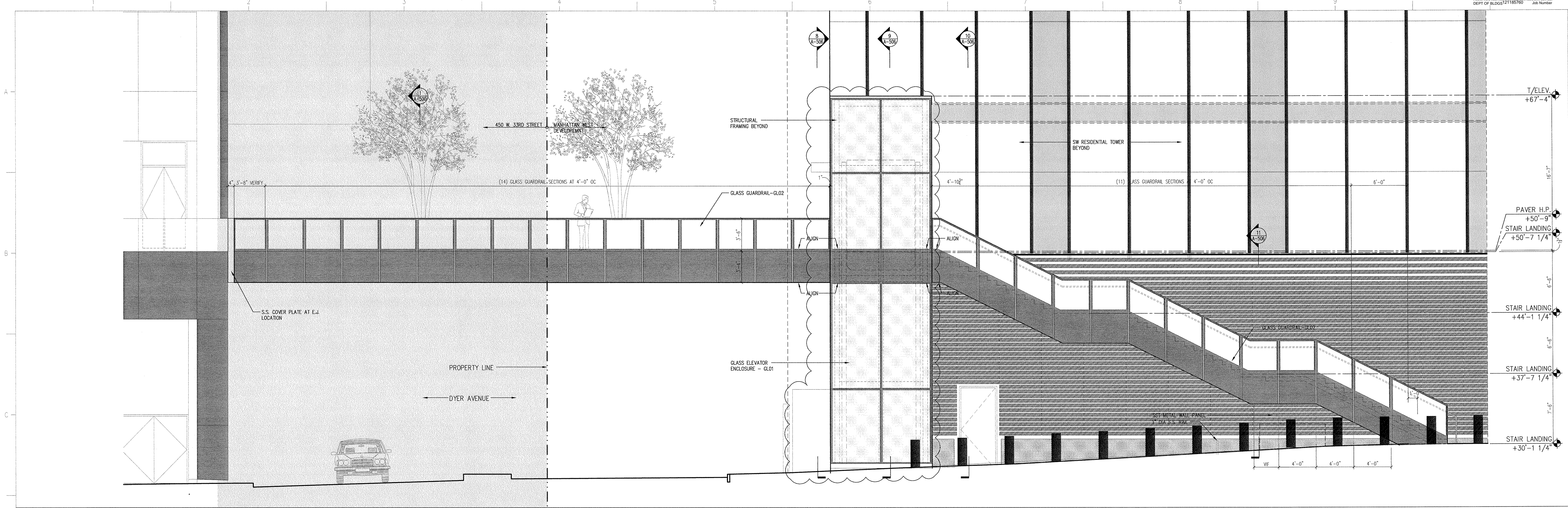
Drawn by:

Checked by:

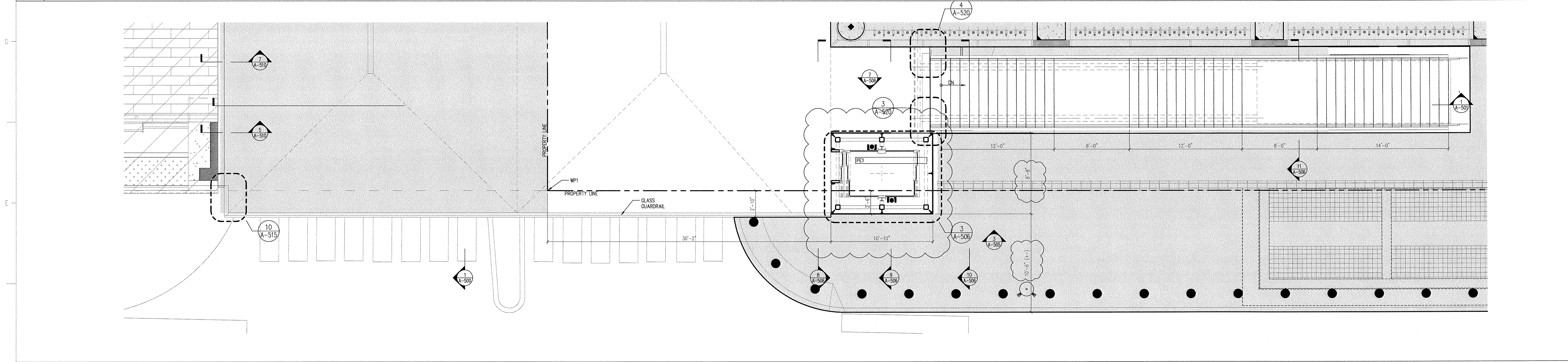
CAD FILE Name:

A-500.01

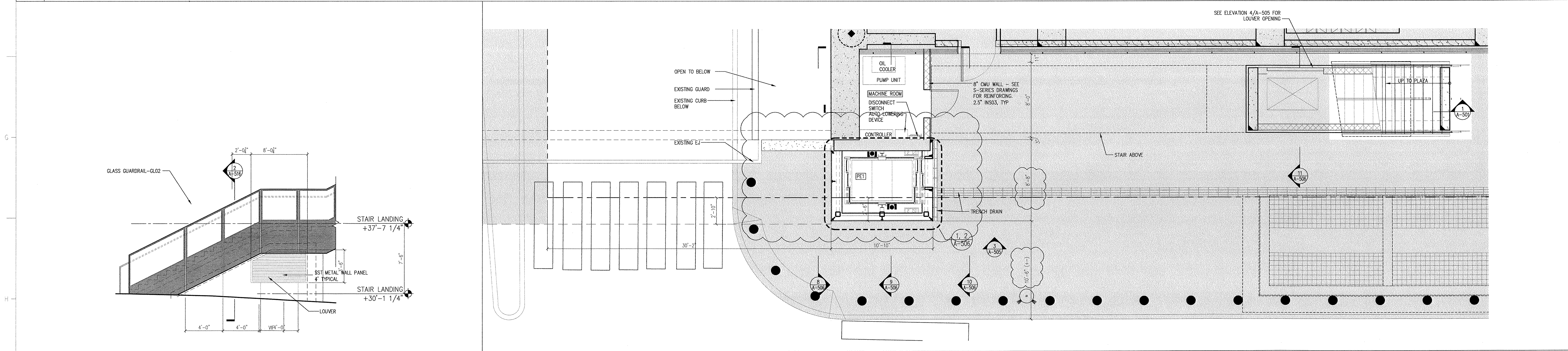
© Skidmore, Owings & Merrill LLP, 2014



3 ELEVATION
SCALE: (P) 1/4" = 1'



2 ENLARGED PLAZA STAIR & ELEVATOR PLAN
SCALE: (P) 1/4" = 1'



4 ELEVATION
SCALE: (P) 1/4" = 1'

1 ENLARGED GROUND STAIR & ELEVATOR PLAN
SCALE: (P) 1/4" = 1'

MANHATTAN
WEST:
SOUTHWEST
RESIDENTIAL
TOWER
SITE

West 31st Street
New York, NY

Client

Brookfield

250 Vesey Street, 15th Floor, New York, NY 10281

Architecture/Structural Engineering

SOM

Skidmore, Owings & Merrill LLP
14 Wall Street, New York, NY 10005

Landscape Architecture

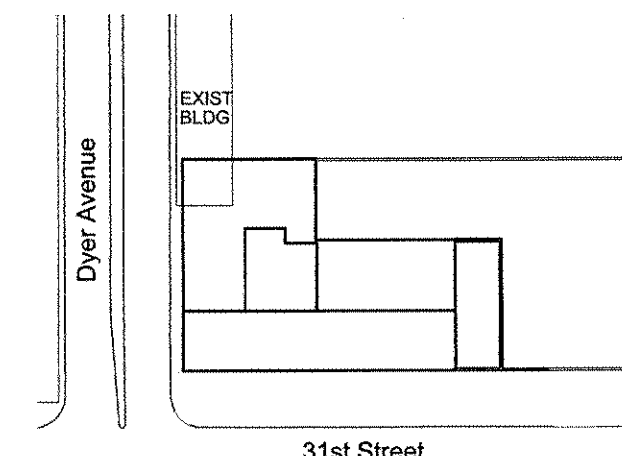
James Corner Field Operations
475 Tenth Avenue, 9th Floor, New York, NY 10018

Plumbing Engineering

Jaros Baum & Bolles
80 Pine Street, 12th Floor, New York, NY 10005

Electrical Engineering

Cosentini Associates
Two Pennsylvania Plaza, 3rd Floor, New York, NY 10121



KEY PLAN

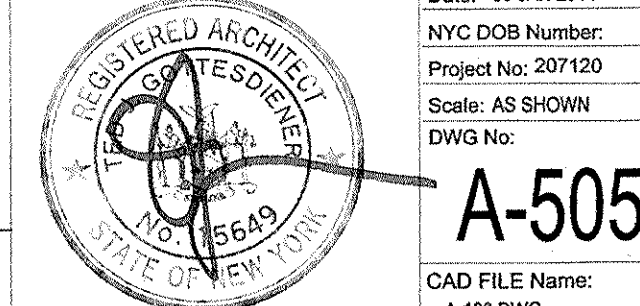
4	26 OCT 2015	ISSUED FOR PERMIT FILING
3	14 AUG 2015	ISSUED FOR PERMIT FILING
2	10 JUN 2015	ISSUED FOR PERMIT FILING
1	02 MAY 2014	ISSUED FOR PERMIT FILING

No. Date Description

Sheet Name:

ENLARGED PLANS
& ELEVATIONS

Seal & Signatures:



Date: 02 JAN 2014

NYCE DDB Number:

Project No: 201120

State: AS SHOWN

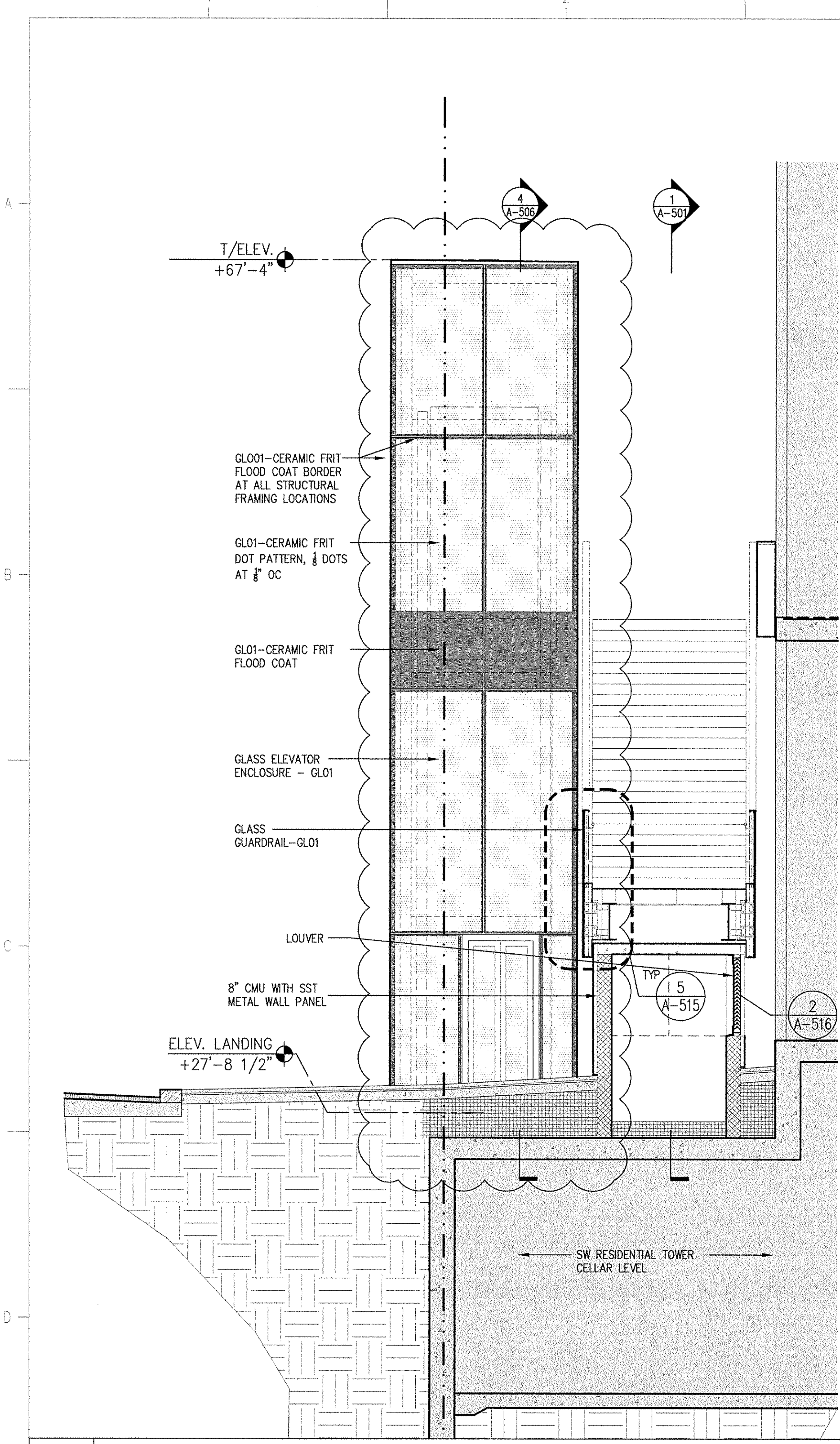
Town: No.

Scale: AS SHOWN

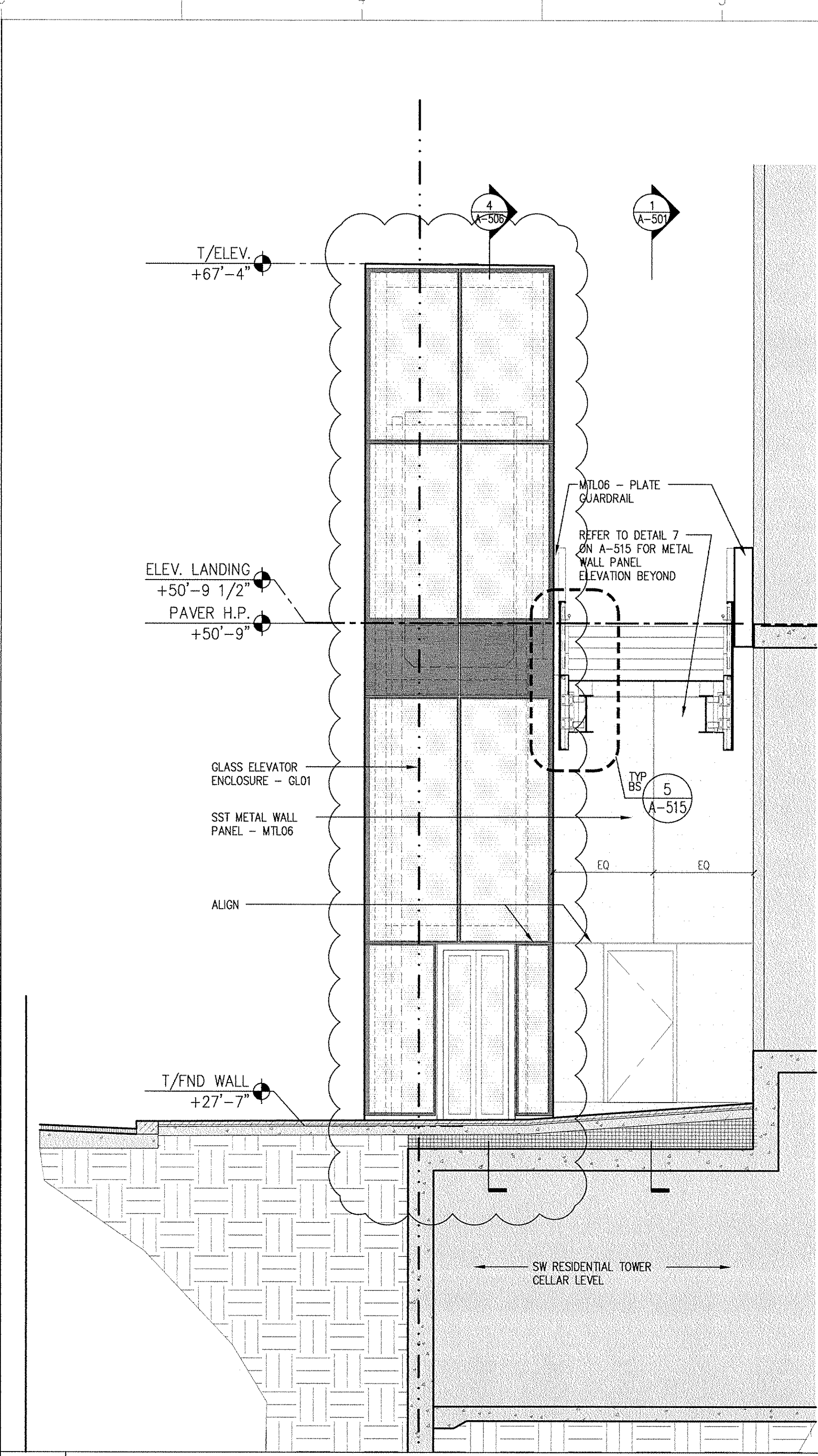
Author: A-505.01

CAD FILE Name: A-505.DWG

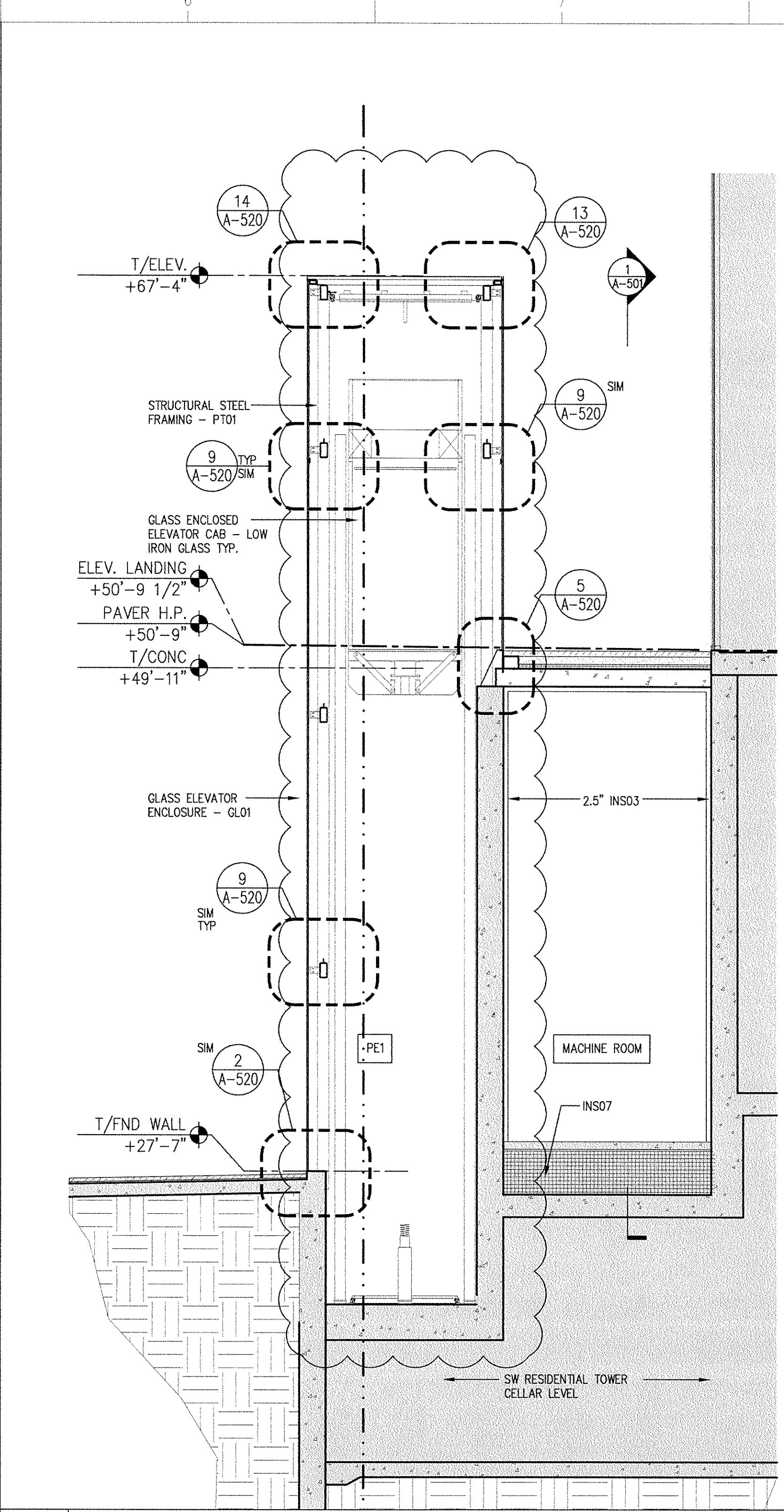
© Skidmore, Owings & Merrill LLP, 2014



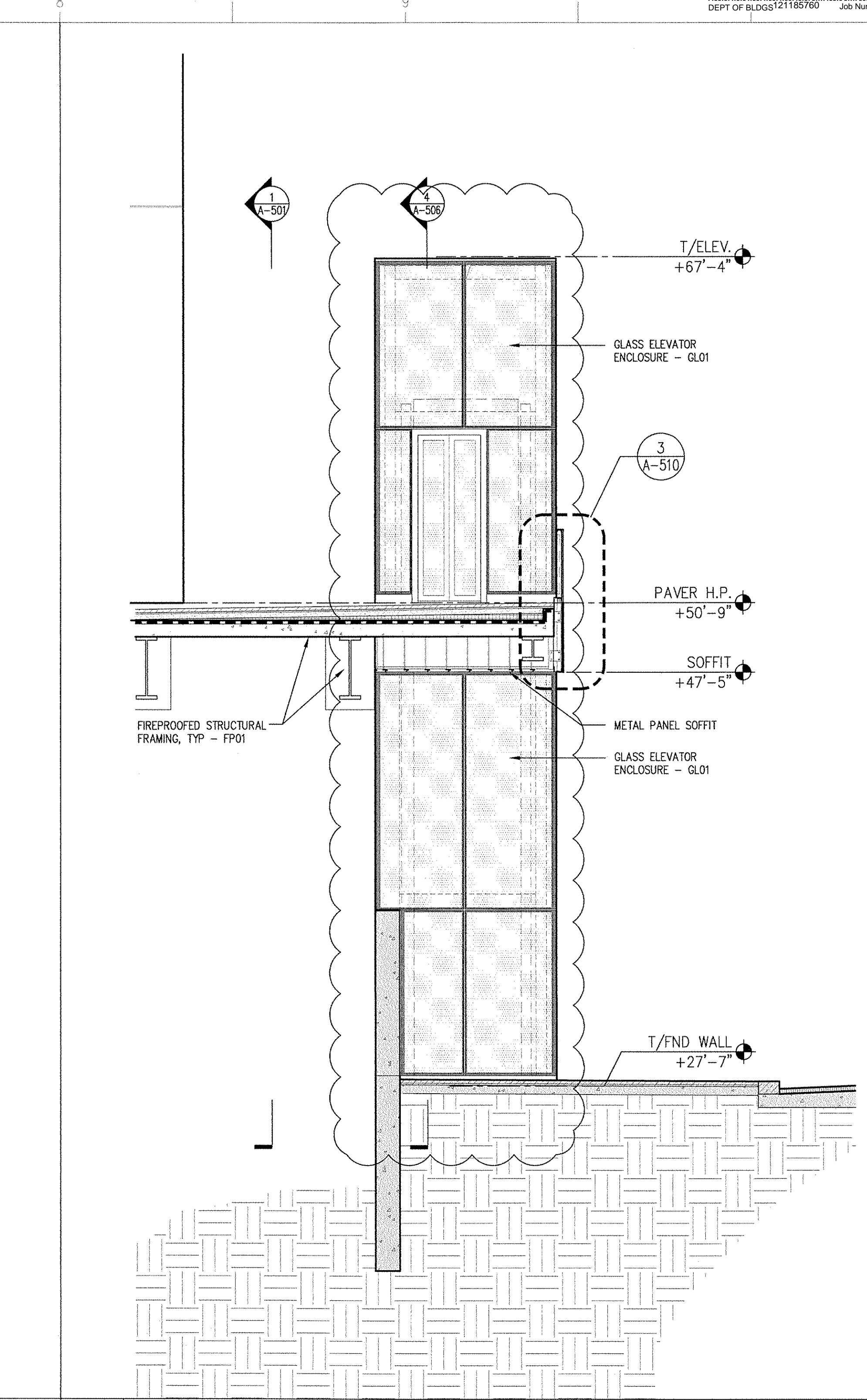
11 SECTION
SCALE: (P) 1/4" = 1'



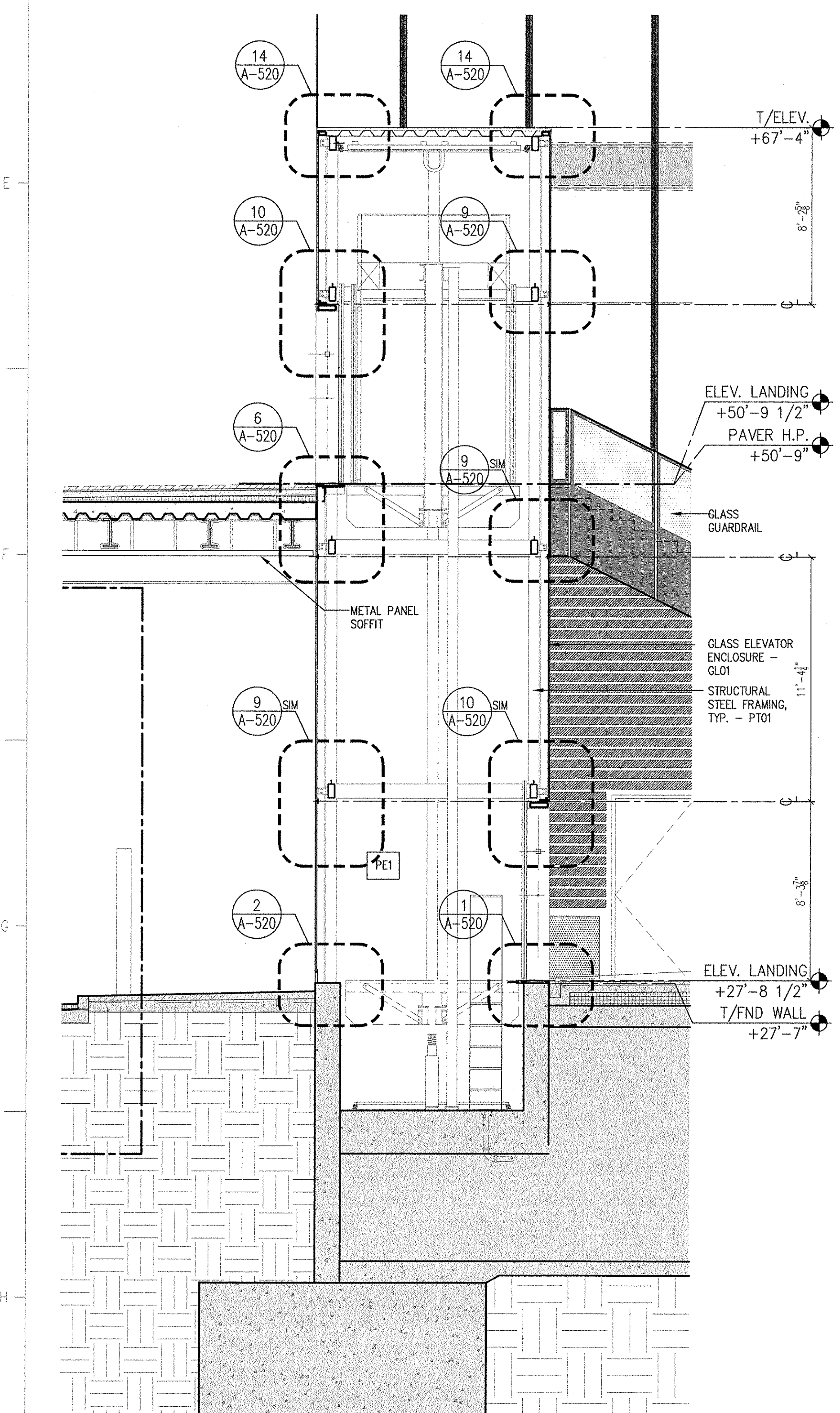
10 SECTION
SCALE: (P) 1/4" = 1'



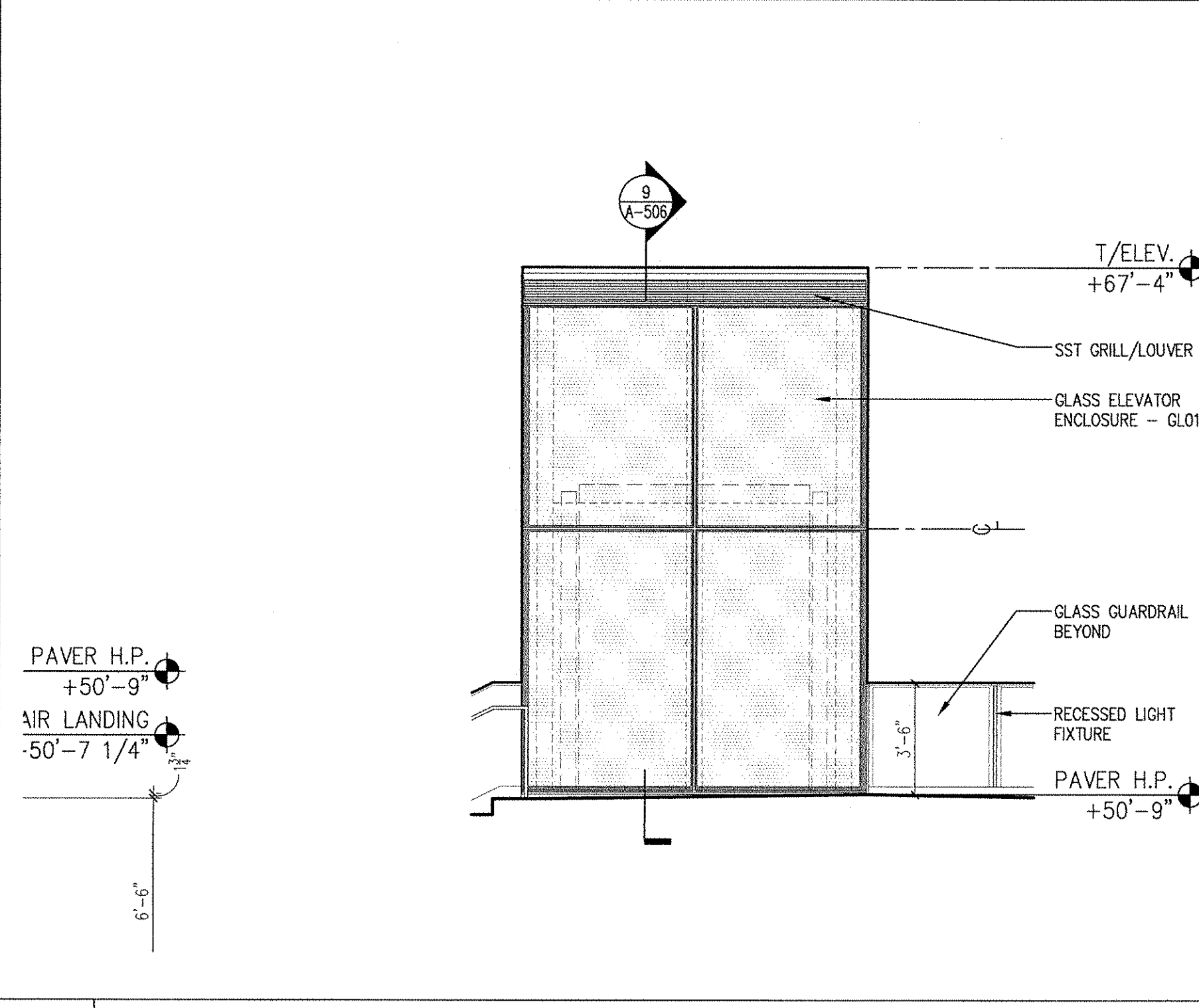
9 SECTION
SCALE: (P) 1/4" = 1'



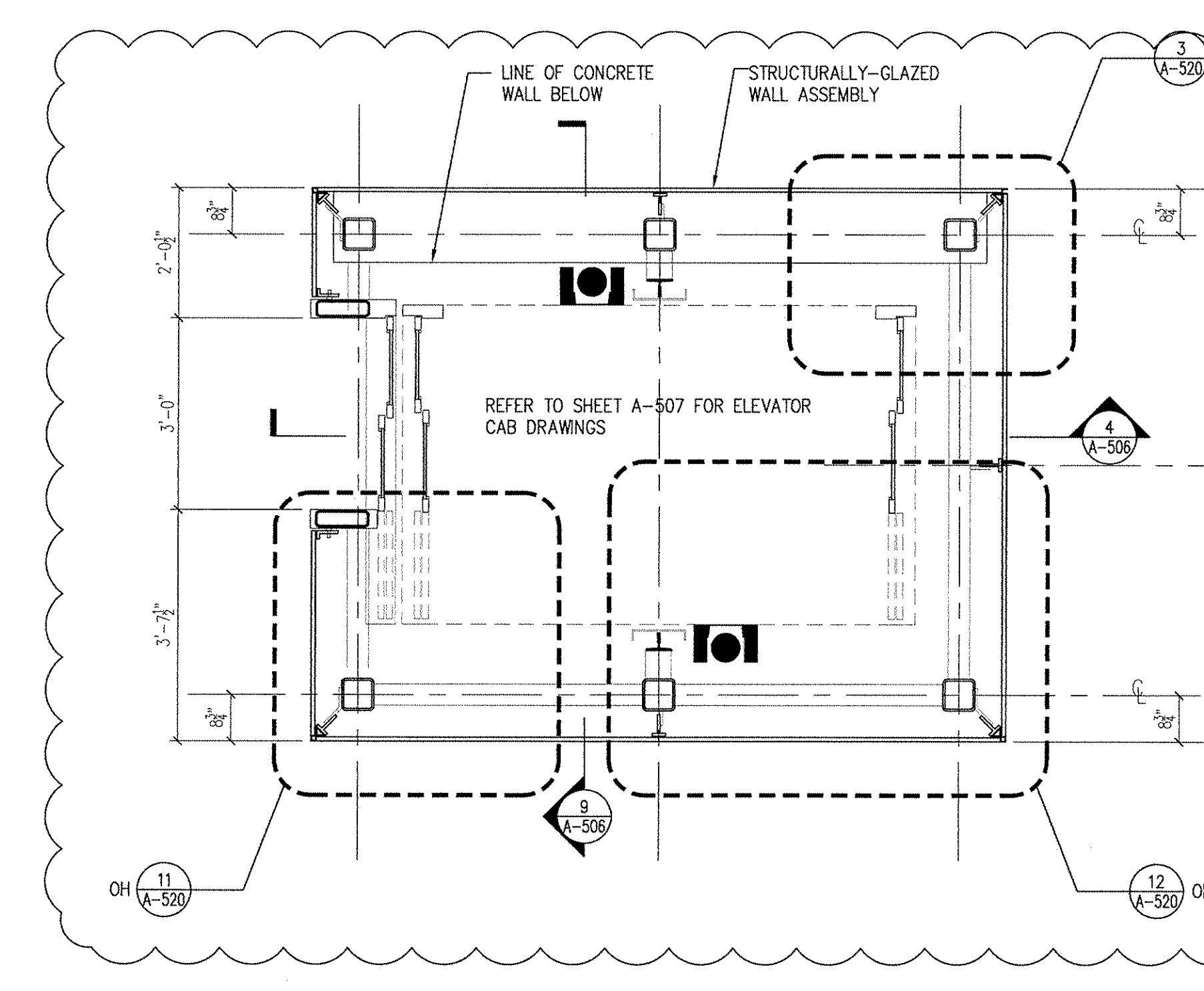
8 SECTION
SCALE: (P) 1/4" = 1'



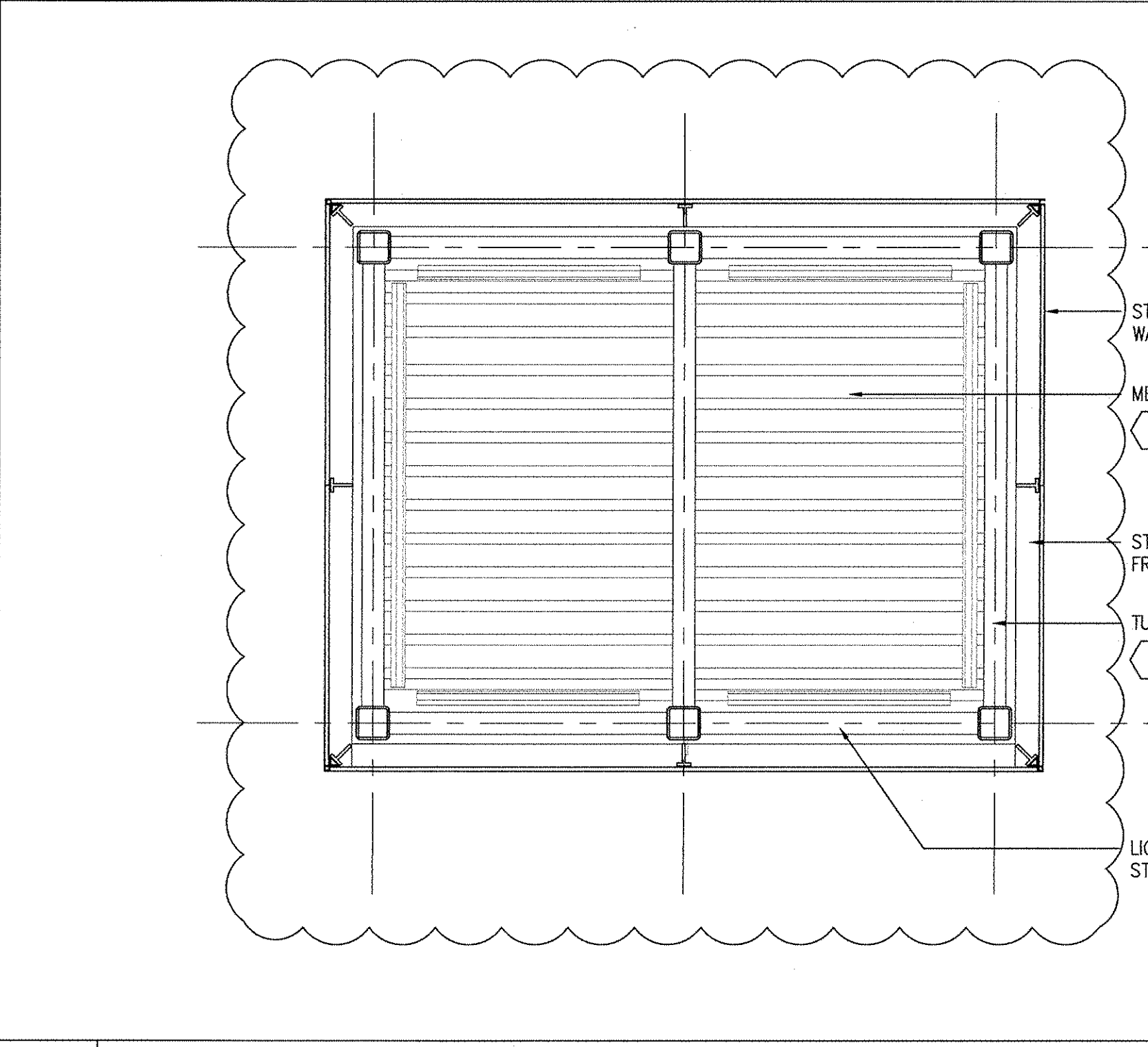
4 SECTION
SCALE: (P) 1/4" = 1'



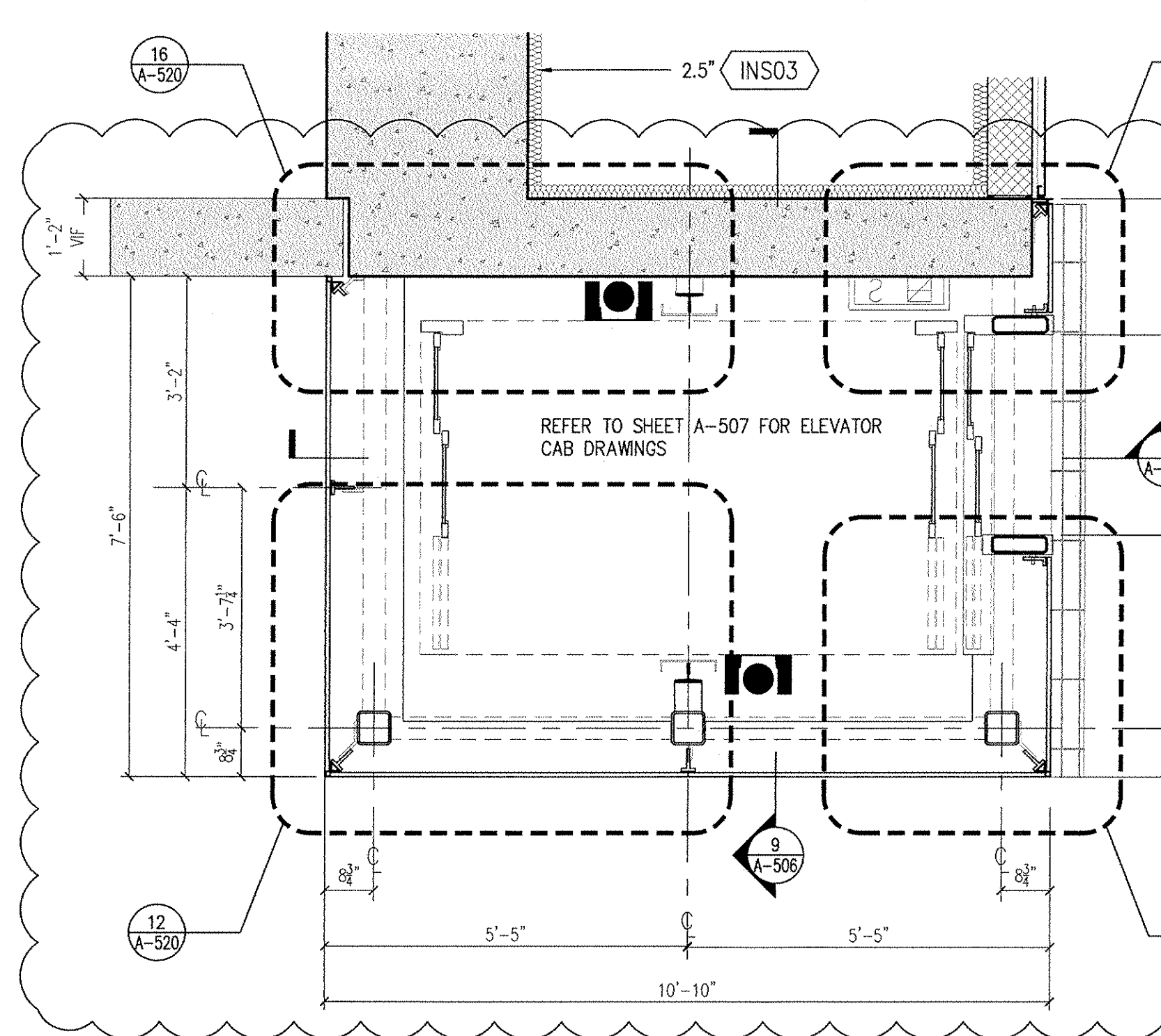
7 EXTERIOR ELEVATION
SCALE: (P) 1/4" = 1'



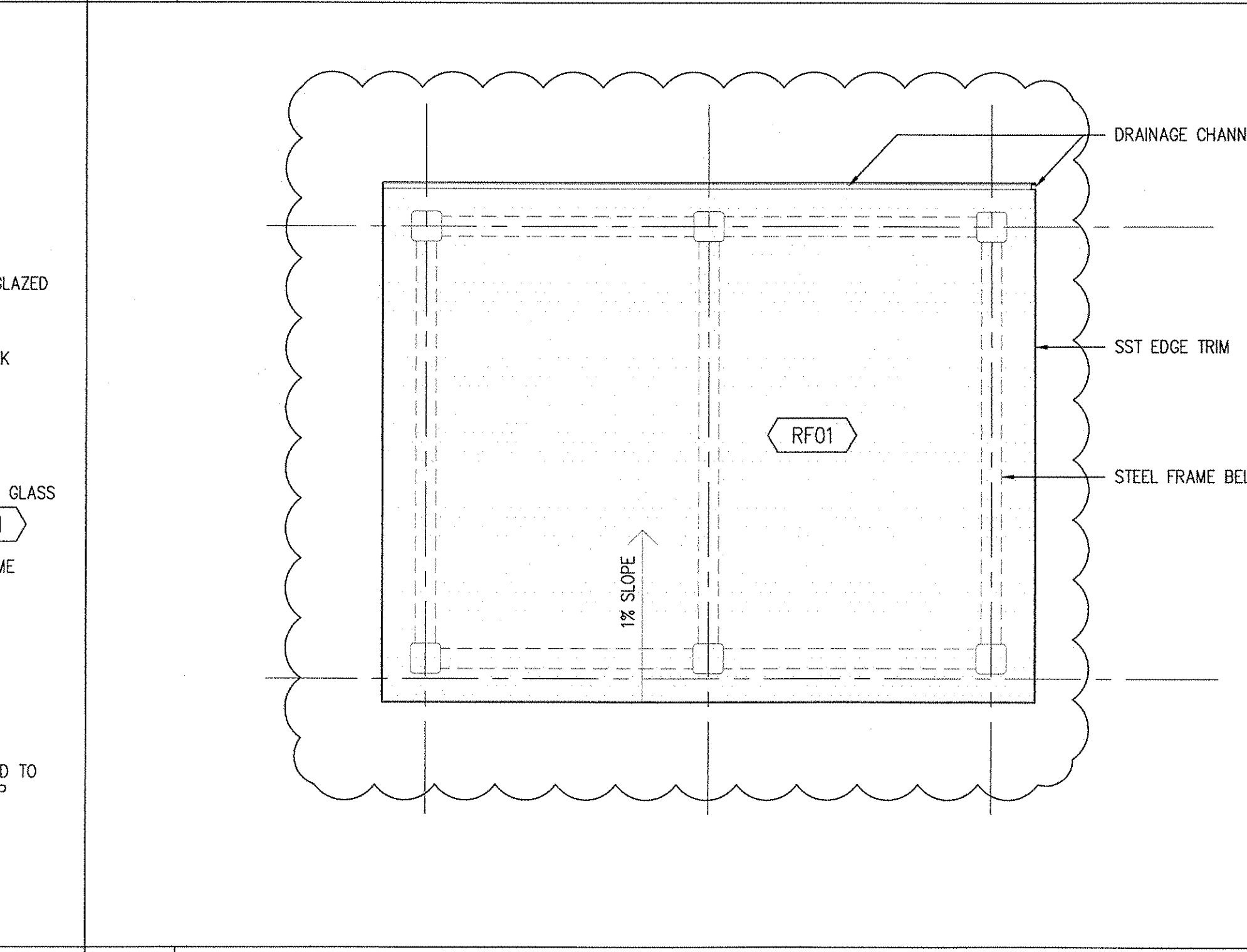
3 HOISTWAY PLAN AT PLAZA
SCALE: (P) 1/2" = 1'



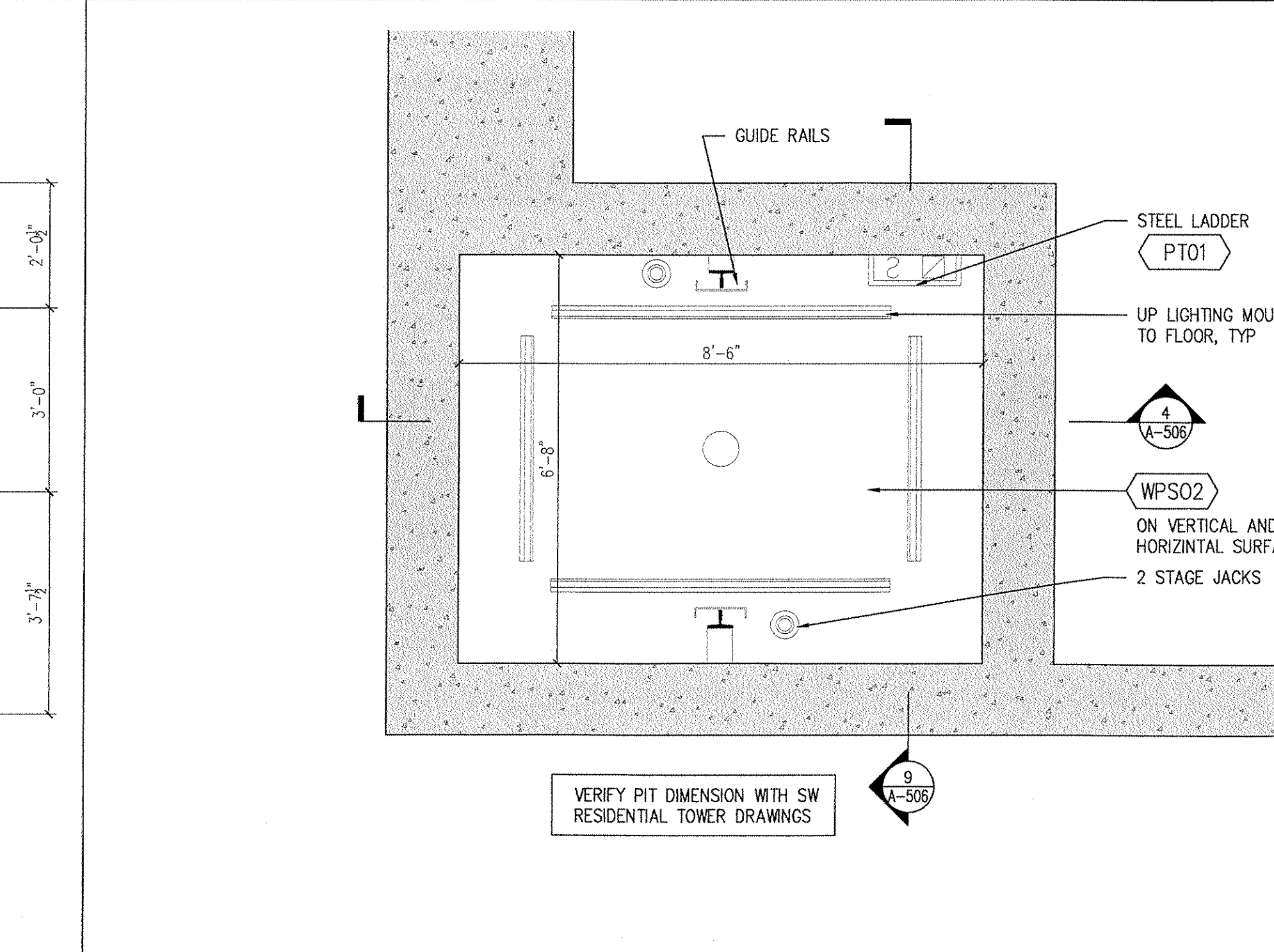
6 HOISTWAY RCP
SCALE: (P) 1/4" = 1'



2 HOISTWAY PLAN AT STREET LEVEL
SCALE: (P) 1/2" = 1'



5 SHAFT ROOF PLAN
SCALE: (P) 1/4" = 1'



1 ENLARGED PIT PLAN
SCALE: (P) 1/2" = 1'

MANHATTAN
WEST:
SOUTHWEST
RESIDENTIAL
TOWER
SITE
West 31st Street
New York, NY

Client

Brookfield

280 Vesey Street, 15th Floor, New York, NY 10021

Architecture/Structural Engineering

SOM

Skidmore, Owings & Merrill LLP

14 Wall Street, New York, NY 10005

Landscape Architecture

James Corner Field Operations

475 Tenth Avenue, 9th Floor, New York, NY 10018

Plumbing Engineering

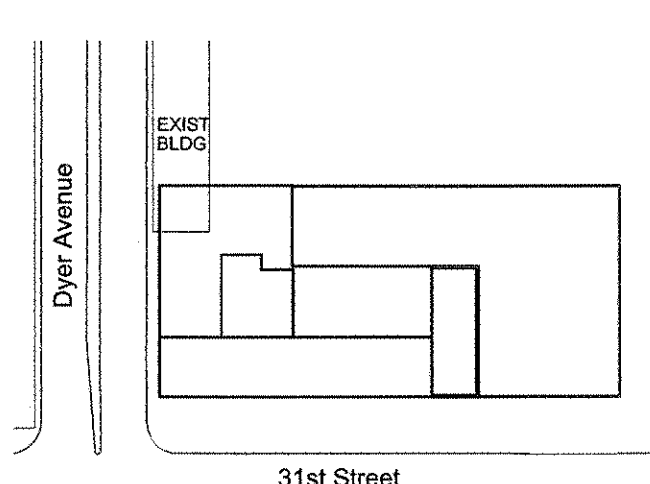
Jaros Baum & Bolles

80 Pine Street, 12th Floor, New York, NY 10005

Electrical Engineering

Cosentini Associates

Two Pennsylvania Plaza, 3rd Floor, New York, NY 10121



31st Street

KEY PLAN

2 26 OCT 2015 ISSUED FOR PERMIT FILING

1 14 AUG 2015 ISSUED FOR PERMIT FILING

No. Date Description

Sheet Name: ELEVATOR PLANS ELEVATIONS & SECTION

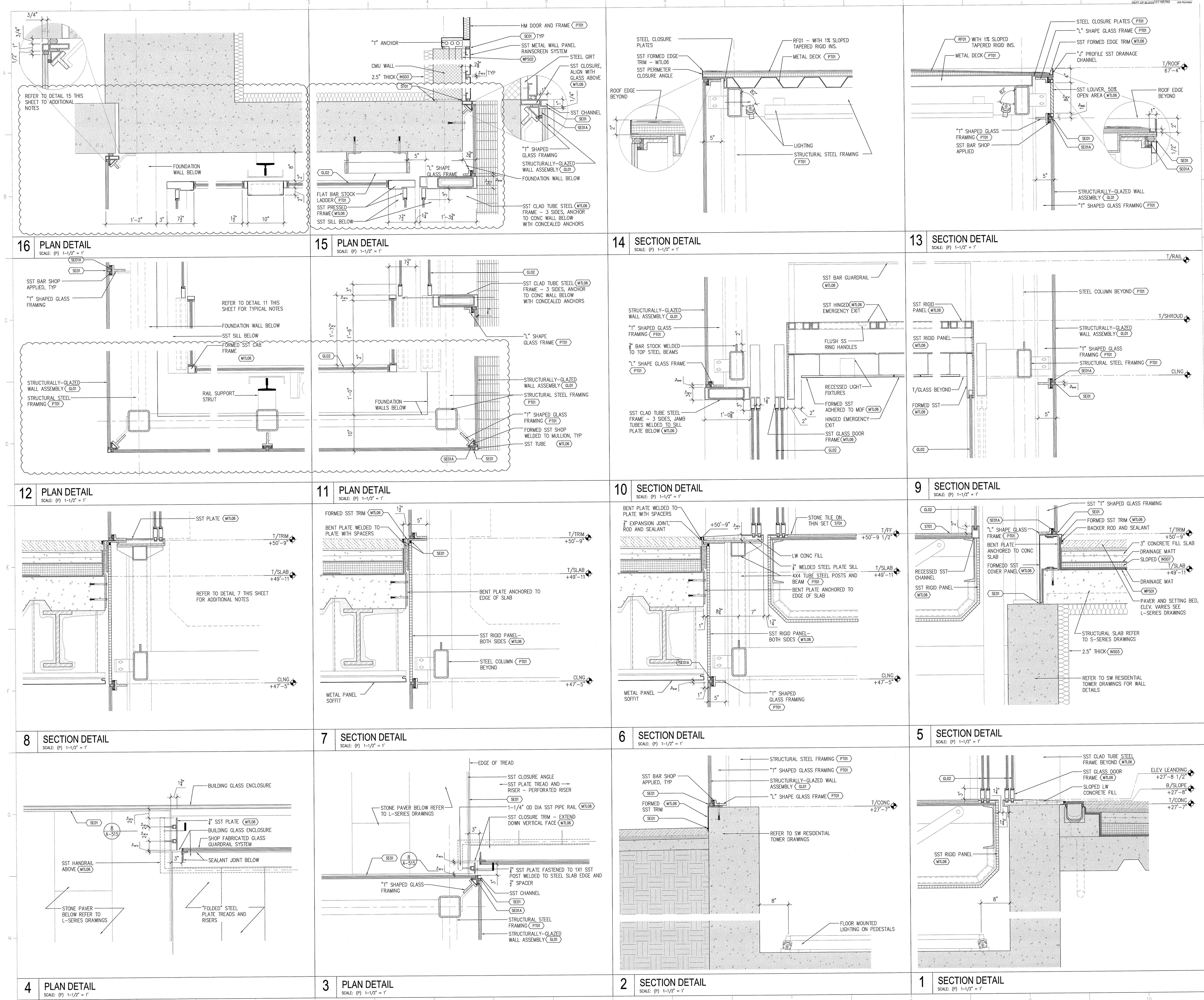
Seal & Signature: Date: 09 JUN 2014

NYC EOB Number: Project No: 201720

Scale: AS SHOWN

CAD FILE Name: A-506.01

© Skidmore, Owings & Merrill LLP, 2014



MANHATTAN
WEST:
SOUTHWEST
RESIDENTIAL
TOWER
SITE
West 31st Street
New York, NY
Client

Brookfield

250 Vesey Street, 15th Floor, New York, NY 10021

Architecture/Structural Engineering

SOM

Skidmore, Owings & Merrill LLP
14 Wall Street, New York, NY 10005

Landscape Architecture

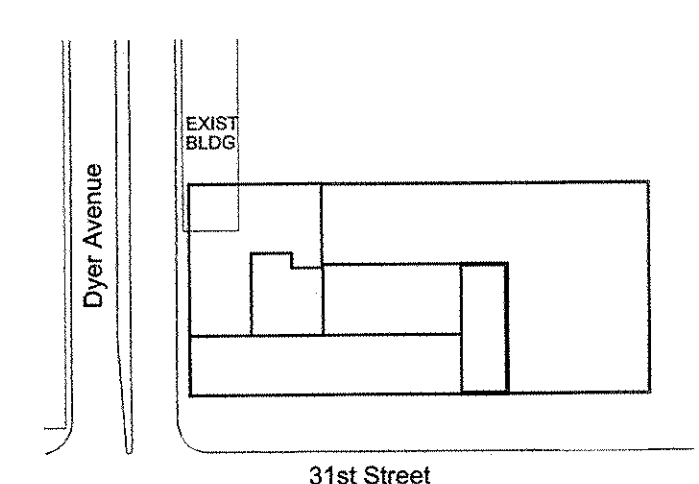
James Corner Field Operations
475 Tenth Avenue, 9th Floor, New York, NY 10018

Plumbing Engineering

Jaros Baum & Bolles
80 Pine Street, 12th Floor, New York, NY 10005

Electrical Engineering

Cosentini Associates
Two Pennsylvania Plaza, 3rd Floor, New York, NY 10121



PLAN &
SECTION DETAILS

No.	Date	Description
2	26 OCT 2015	ISSUED FOR PERMIT FILING
1	14 AUG 2015	ISSUED FOR PERMIT FILING

Seal & Signature:
Date: 09 MAY 2014
NYC DOB Number:
Project No: 507100
Scale: AS SHOWN
DWG No: A-520.01

