

# 7 WEST 57TH STREET NEW YORK, NY 10019

SOLOW REALTY & DEVELOPMENT  
COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212 213 8007



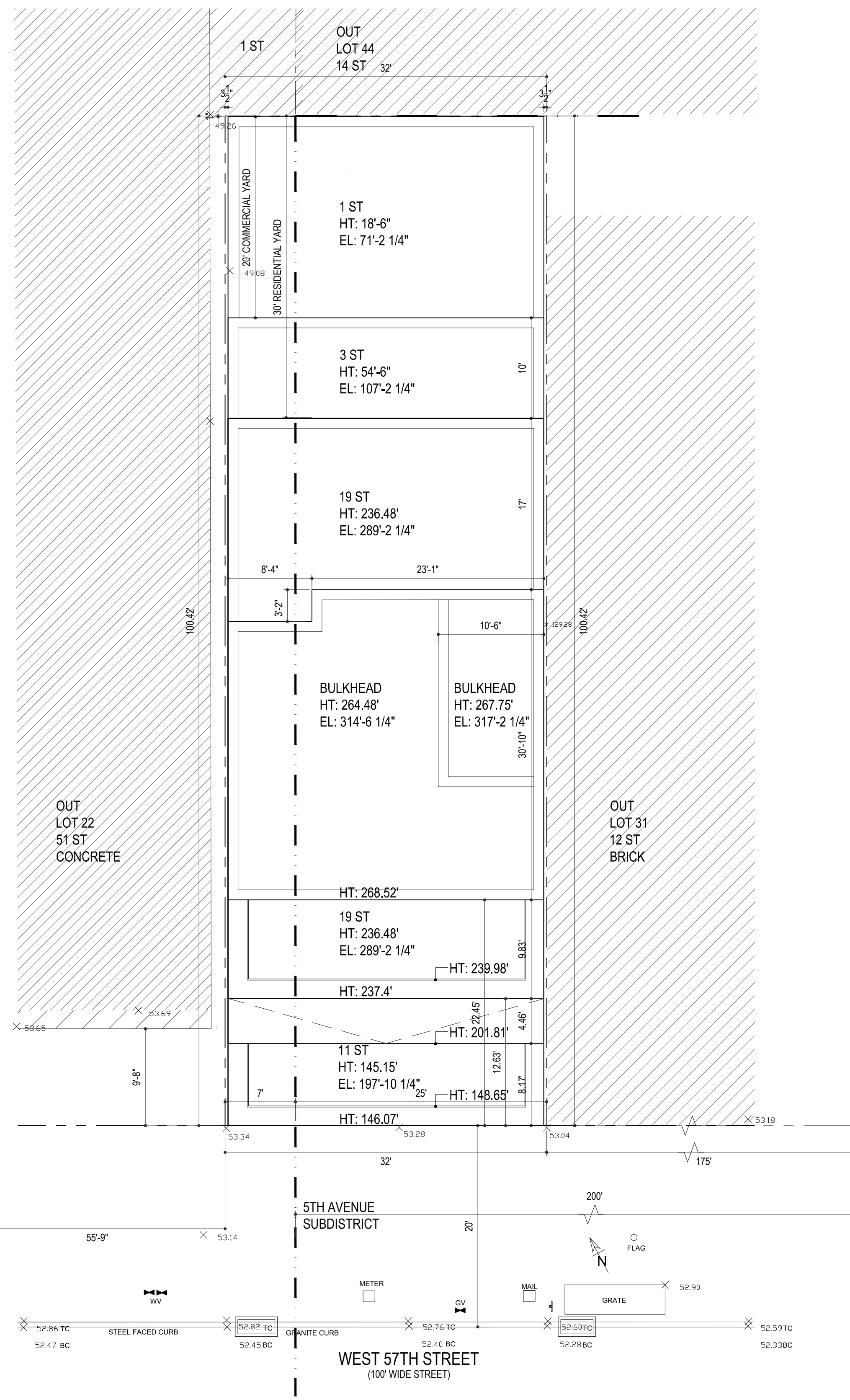
ARCHITECT	HILL WEST ARCHITECTS 11 BROADWAY, 17 FLOOR, NEW YORK, NY 10004 TEL 212-213.8007
INTERIOR DESIGNER	WHITEHALL INTERIORS 11 BROADWAY, SUITE 1700, NEW YORK, NY 10004 TEL 212-213.8007
STRUCTURAL ENGINEER	WSP GROUP ONE PENN PLAZA, 250 W 34th STREET 2ND FL. NEW YORK, NY 10119 TEL 212-687.9888
M. E. P. ENGINEER	COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, 3RD FL. NEW YORK 10121 TEL 212-615-3600
BUILDING ENVELOPE CONSULTANT	VIDARIS 360 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 TEL 212-689-5389
EXPEDITING CONSULTANT	GILLMAN CONSULTING INC. 40 WORTH STREET, SUITE 600, NEW YORK, NY10013 TEL 212-349-9304
GEOTECHNICAL / SOE CONSULTANT	LANGAN 21 PENN PLAZA, 360 WEST 31ST STREET 8TH FLOOR, NEW YORK, NY10013 TEL 212-479-5403
LIGHTING DESIGNER	FISHER MARANTZ STONE 22 WEST 19TH STREET FLOOR 6, NEW YORK, NY10011 TEL 212-691-3020

NEW BUILDING DOB # 121191441  
FIRE ALARM DOB # 122980621  
TEMP DRY STANDPIPE ALARM DOB # 140593793  
BPP DOB # 140588193  
EXISTING BUILDING DEMOLITION DOB# 122377926  
DEP ID # 5456  
PARKS APPLICATION# 23018

Zoning Analysis:  
7 W 57th Street

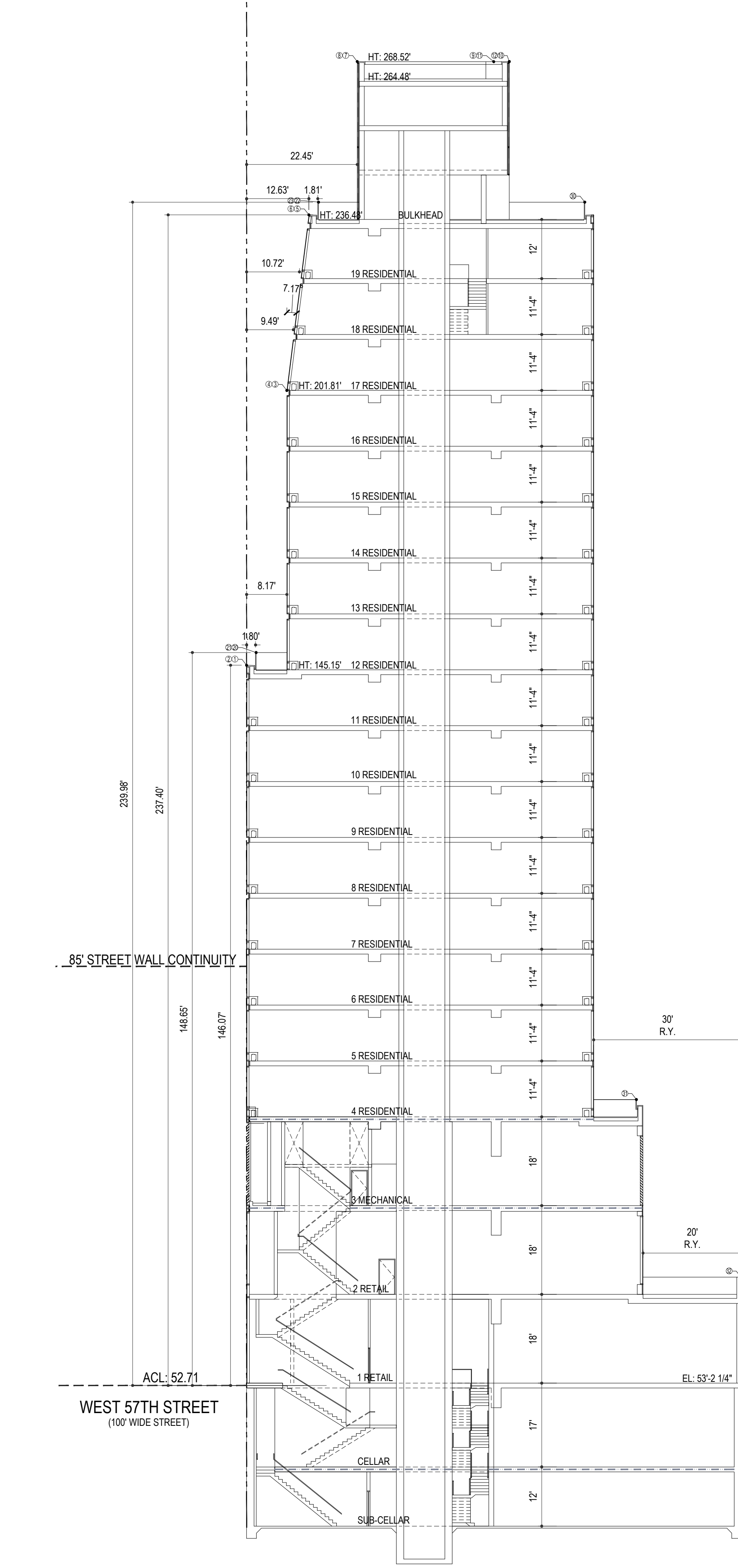
Section	Description
Map 8c	1. Block: 1273 Lot: 30 Zoning district: C5-3 (R10 Equivalent) Special Midtown District Part in 5th Avenue Subdistrict Community District: 5 *5th Avenue Subdistrict boundary may be relocated to include entire lot in subdistrict if lot existed prior to applicable amendment of Resolution (77-11). <b>Opted not to relocate District Boundary.</b>
32-00	2. Lot area: 3,213.44 SF
81-211	3. A. Permitted Uses: Use Groups 1-6, 9-11 Proposed: Residential, Use Group 2 Commercial, Use Group 6
33-152	4. A. Permitted FAR Basic Residential 10 32,134 SF
33-123	Basic Commercial or Community Facility 15 48,202 SF
35-23	Total at 15 FAR 48,202 SF
81-25	B. Proposed Residential 32,077 SF
81-27	Commercial 4,345 SF
	Total 36,423 SF <b>Complies</b>
81-40	5. Height & Setback Alternate Height & Setback Regulations <b>Complies See Z-005-2-006</b>
81-42	6. Mandatory District Plan Elements <b>Retail Continuity</b> W 57th Street is a designated retail street. A building's street frontage shall be allocated exclusively to such uses, except for (a) lobby space. Lobby space limited to 40% or 25% of the building's total street frontage, whichever is less. However, the total length of lobby space need not be less than 20'. Proposed lobby frontage length: 15'-9" <b>Complies See 3/Z-001</b>  Glazing with clear uncoated transparent material required for at least 50% of the street wall surface of each required establishment. Not more than 50% of transparent surface shall be painted or obstructed with signs. Glazing surface area measured from floor to height of ceiling or 14' above grade, whichever is less. <b>Complies See 5/Z-001</b>  <b>Street Wall Continuity</b> On 57th Street, no street wall setback below a height of 85' is permitted. At a height of 85' or above, the street wall must extend continuously without setback for at least 75% of its required width and no portion of its required width shall be set back more than 10' from the street line. Proposed street wall extends along 100% of front lot line to 146.07'. <b>Complies See 3/Z-001</b>  <b>Recesses</b> Recesses up to 2' deep shall be limited in aggregate area to not more than 20% of the area of the street wall below the minimum required street wall height. Proposed recesses: 5.9% Recesses up to 10' deep shall be limited in their aggregate area to not more than 20% of the area of the street wall below the minimum required street wall height. <b>Not applicable, proposed recesses up to 2' deep.</b>  <b>Curb Cut Restrictions</b> Along 57th Street, no driveway or curb cuts for parking facilities or loading berths shall be permitted. <b>Complies, no curb cut proposed.</b>  <b>Pedestrian Circulation Space</b> Required for all developments or enlargements on zoning lots of 5,000 SF or larger with more than 70,000 SF of new floor area. Zoning Lot area: 3,213 SF < 5,000 SF New floor area: 36,423 SF < 70,000 SF Pedestrian circulation space not required. <b>Complies</b>  <b>Fifth Avenue Subdistrict Use Regulations</b> Ground floor uses, except for lobby space, shall be limited to Use Group F. Proposed Use Group F as listed in 81-82 (c). Minimum retail space requirement: 1 FAR. Lot area within 5th Avenue Subdistrict: 2,510.5 SF Proposed retail with 5th Avenue Subdistrict: 1st Floor: 1,704.5 SF 2nd Floor: 1,454.1 SF Total: 3,158.6 SF Proposed retail FAR: 1.26 <b>Complies See Z-003</b>  <b>Ground floor sign regulations</b> Maximum 1/3 of the window area. Below a level of 10' above curb level, signs shall not be permitted on the exterior of any building. No signs proposed below 10' above curb level. <b>Complies</b>  No off-street parking facilities are permitted within the Fifth Avenue Subdistrict. <b>Complies, no parking proposed.</b>  Loading not permitted on or within 50' of 5th Avenue. <b>Not applicable, site located 175' from 5th Avenue and no loading required/proposed.</b>
35-40	8. Density Regulations A. Residential Density permitted: 680 Maximum Number of Units: (32,134 - 0) / 680 = 47 B. Proposed Number of Units: 15 <b>Complies</b>
23-22	9. Yard Regulations: Residential rear yard interior lot: 30' Commercial rear yard: 20' <b>Complies See 1/Z001</b>
23-24	10. Permitted Parking in the Manhattan Core (for lot portion outside of 5th Avenue Subdistrict) No parking shall be required within the Manhattan core. (a) For residences, maximum 20% of total number of dwelling units. (b) For Commercial Use Group 6: maximum 1 space per 4,000 SF, or 10 spaces, whichever is less. No parking proposed. <b>Complies</b>
13-11	11. Bicycle Parking A. Required Bicycle Parking Residential Use Group 2: 1 per 2 dwelling units Commercial Use Group 6: 1 per 10,000 SF of ZFA  Required Bicycle Parking Residential 15 / 2 = 8 Commercial 7,435 / 10,000 = 1 Total 9  B. Proposed Bicycle Parking Number of Spaces: 10 Proposed Area (at SubCellar): 104.2 SF <b>Complies See 4/Z-001 &amp; A-100</b>
13-12	12. Street Tree Planting and Planting Strip Requirements i. One tree shall be provided for every 25' of street frontage of the zoning lot, in accordance with the Parks Department. ii. Required street trees shall be planted within a planting strip. A. Required Street Trees Zoning Lot Street Frontage: 32 ft 32 ft / 25' = 1 tree B. Proposed Street Trees Street trees on site: 0 tree Street tree fund payment trees: 1 tree Total trees provided: 1 tree <b>Complies</b>

Floor	Use	Gross Area (SF)	MEP Deductions (SF)	Stair (SF)	Exterior Wall (SF)	ZFA
Sub-Cellar	Residential	3,191.4	0.0	0.0	0.0	0.0
	Commercial	0.0	0.0	0.0	0.0	0.0
Total		3,191.4	0.0	0.0	0.0	0.0
Cellar	Residential	102.0	0.0	0.0	0.0	0.0
	Commercial	3,089.4	0.0	0.0	0.0	0.0
Total		3,191.4	0.0	0.0	0.0	0.0
1	Residential	674.2	0.0	0.0	0.0	674.2
	Commercial	2,493.6	46.7	0.0	0.0	2,446.9
Total		3,167.8	46.7	0.0	0.0	3,121.1
2	Residential	491.0	0.0	0.0	0.0	491.0
	Commercial	2,044.4	146.0	0.0	0.0	1,898.4
Total		2,535.4	146.0	0.0	0.0	2,389.4
3	Residential	2,271.1	2,271.1	0.0	0.0	0.0
	Commercial	262.0	262.0	0.0	0.0	0.0
Total		2,533.1	2,533.1	0.0	0.0	0.0
4	Residential	2,217.4	124.2	38.5	0.0	2,054.7
	Commercial	2,217.4	124.2	38.5	0.0	2,054.7
5	Residential	2,217.4	124.2	38.5	0.0	2,054.7
	Commercial	2,217.4	124.2	38.5	0.0	2,054.7
6	Residential	2,217.4	124.2	38.5	0.0	2,054.7
	Commercial	2,217.4	124.2	38.5	0.0	2,054.7
7	Residential	2,217.4	124.2	38.5	0.0	2,054.7
	Commercial	2,217.4	124.2	38.5	0.0	2,054.7
8	Residential	2,217.4	124.2	38.5	0.0	2,054.7
	Commercial	2,217.4	124.2	38.5	0.0	2,054.7
9	Residential	2,217.4	124.2	38.5	0.0	2,054.7
	Commercial	2,217.4	124.2	38.5	0.0	2,054.7
10	Residential	2,217.4	124.2	38.5	0.0	2,054.7
	Commercial	2,217.4	124.2	38.5	0.0	2,054.7
11	Residential	2,217.4	124.2	38.5	0.0	2,054.7
	Commercial	2,217.4	124.2	38.5	0.0	2,054.7
12	Residential	1,953.2	111.3	38.5	0.0	1,803.4
	Commercial	1,953.2	111.3	38.5	0.0	1,803.4
13	Residential	1,953.2	111.3	38.5	0.0	1,803.4
	Commercial	1,953.2	111.3	38.5	0.0	1,803.4
14	Residential	1,953.2	111.3	38.5	0.0	1,803.4
	Commercial	1,953.2	111.3	38.5	0.0	1,803.4
15	Residential	1,953.2	111.3	38.5	0.0	1,803.4
	Commercial	1,953.2	111.3	38.5	0.0	1,803.4
16	Residential	1,953.2	111.3	38.5	0.0	1,803.4
	Commercial	1,953.2	111.3	38.5	0.0	1,803.4
17	Residential	1,911.5	104.3	38.5	0.0	1,768.7
	Commercial	1,872.9	109.6	38.5	0.0	1,724.8
18	Residential	567.0	375.6	0.0	0.0	191.4
	Commercial	942.6	942.6	0.0	0.0	0.0
19	Residential	567.0	375.6	0.0	0.0	191.4
	Commercial	942.6	942.6	0.0	0.0	0.0
Upper Roof	Residential	942.6	942.6	0.0	0.0	0.0
	Commercial	942.6	942.6	0.0	0.0	0.0
TOTAL		42,393.9	6,407.2	616.0	0.0	0.0
TOTAL ABOVE GRADE		39,100.5	6,407.2	616.0	0.0	32,077.3
TOTAL		43,900.5	6,881.9	616.0	0.0	36,422.6

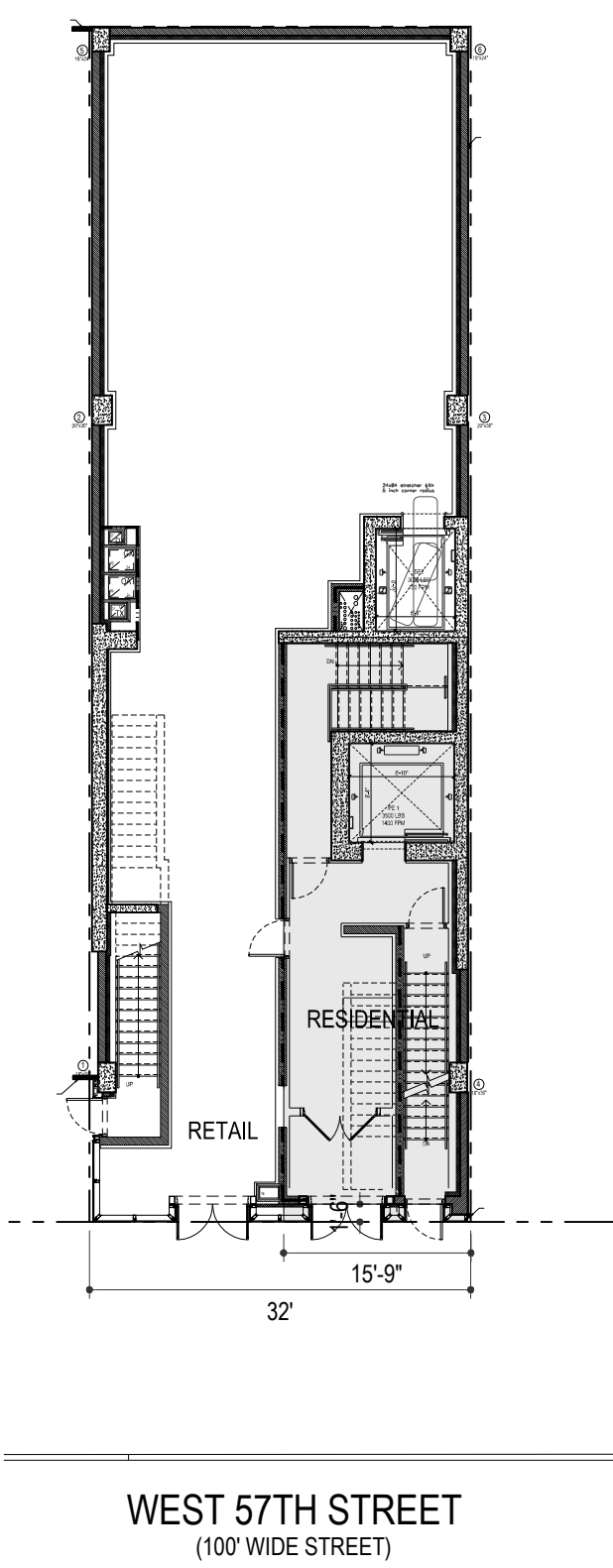


1 SITE PLAN  
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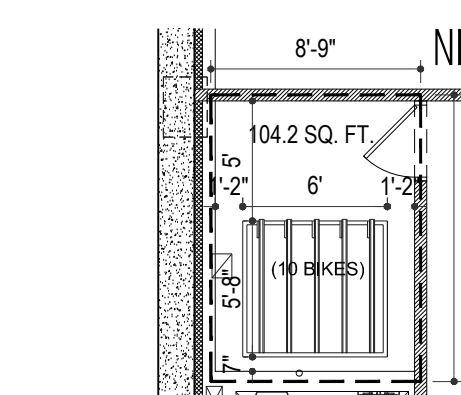
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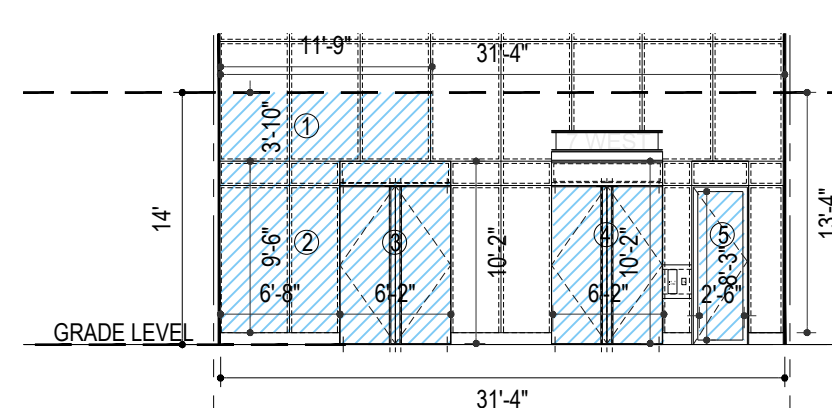
2 SECTION  
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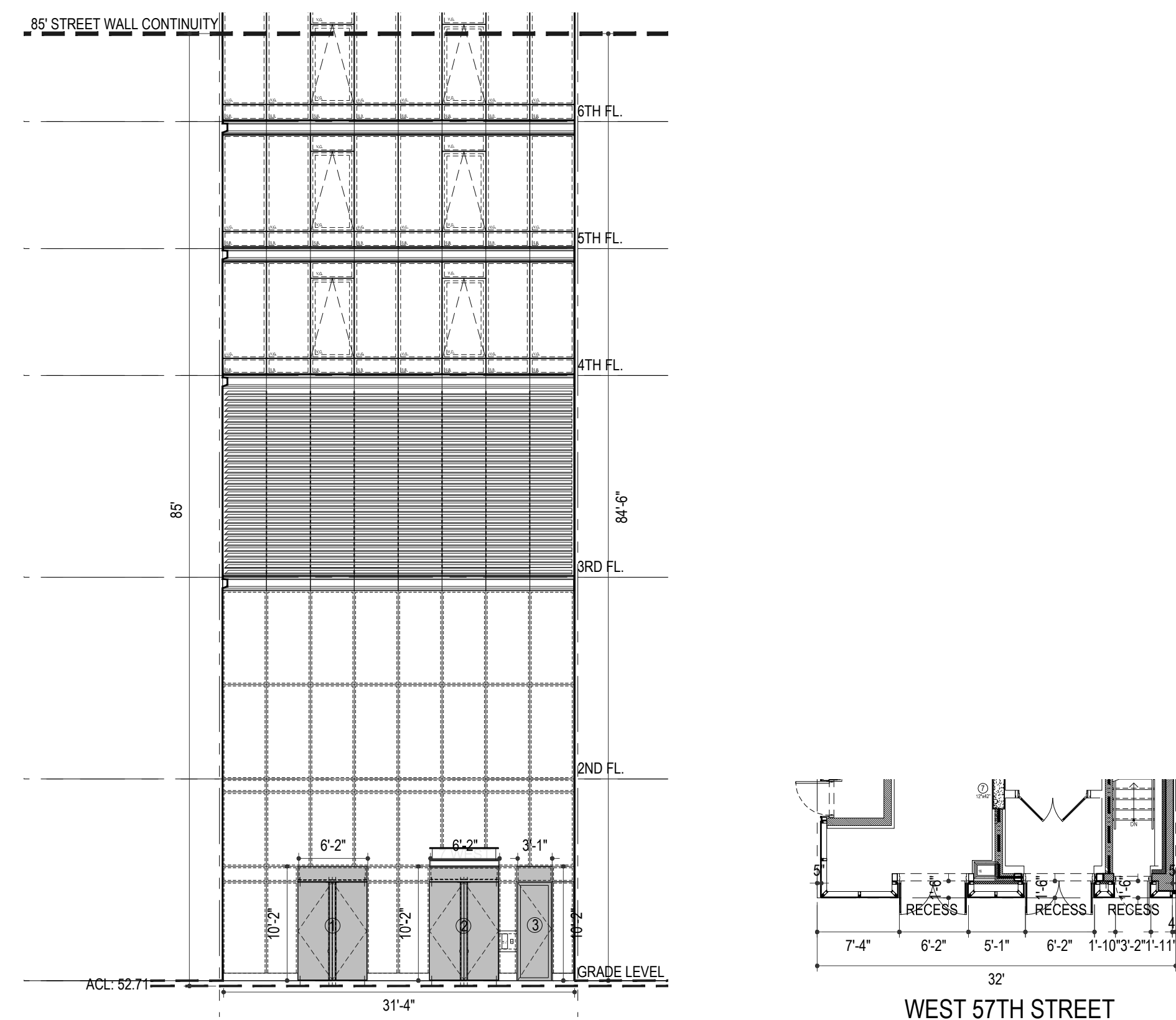
3 GROUND FLOOR RETAIL CONTINUITY  
SCALE: 1/16"=1'-0"



4 BICYCLE PARKING AT SUBCELLAR  
SCALE: 1/8"=1'-0"



5 TRANSPARENCY  
SCALE: 3/32"=1'-0"



6 RECESSES AT GROUND FLOOR  
SCALE: 3/32"=1'-0"



KEY PLAN

NOTES:

Number	Date	Revision
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	60% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	60% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:  
**7 WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10019  
212-687-8888

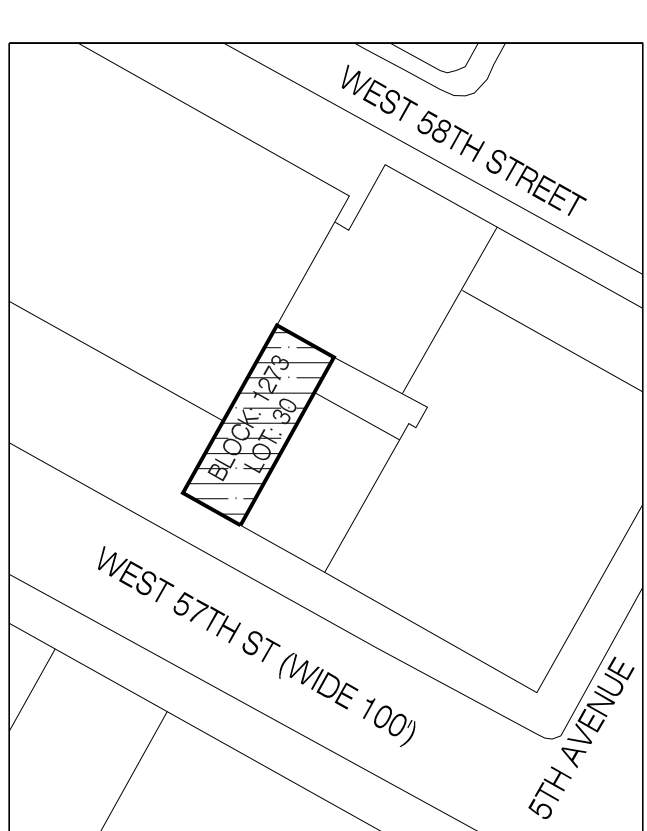
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10021  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
300 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**ZONING**

SEAL & SIGNATURE:  
**DATE: 05/26/2017**  
**PROJECT #: 16A10**  
**SCALE: As Noted**  
**Z-001.00**  
DWG NO.  
NB#121191441

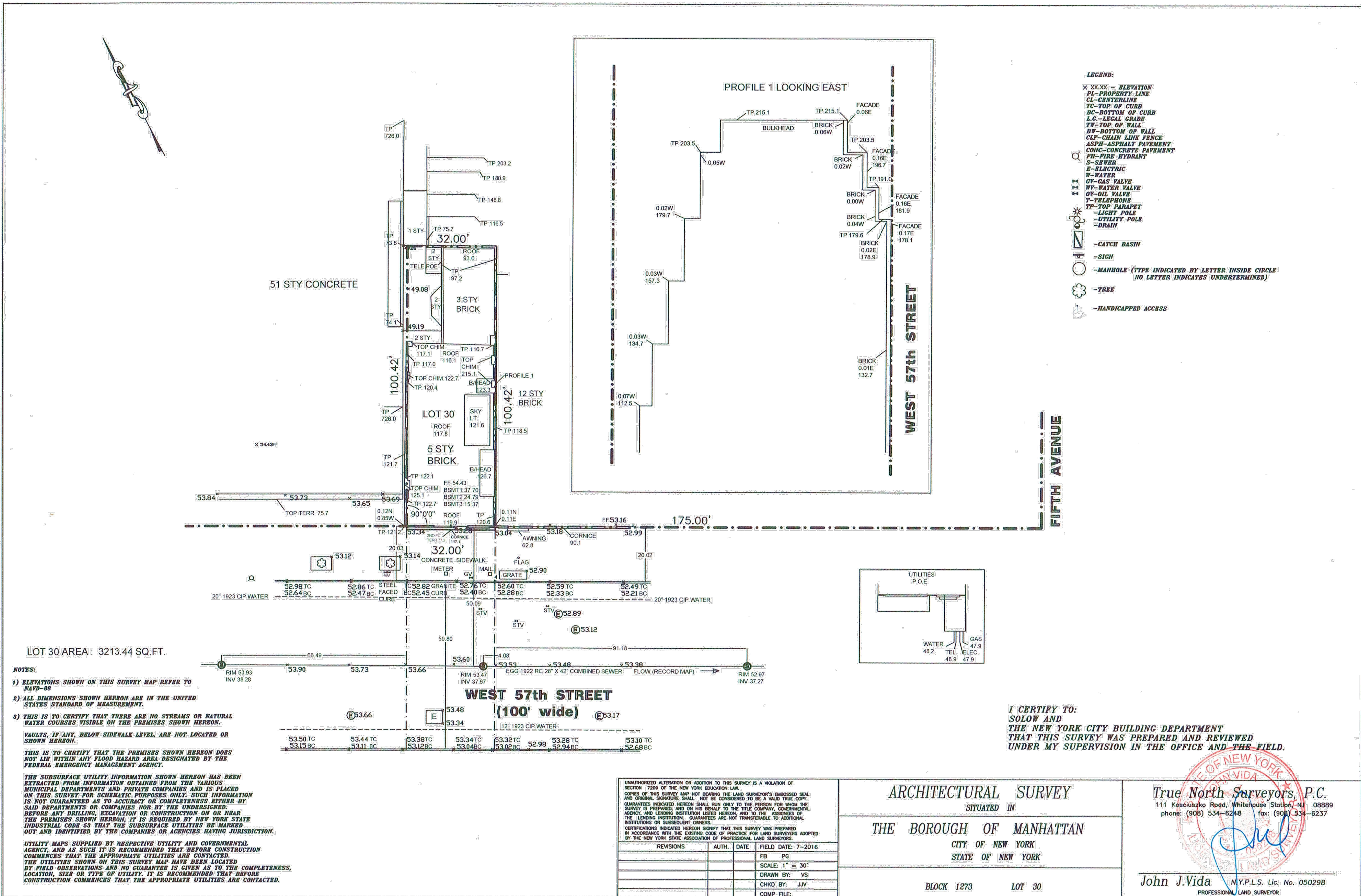


**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number:	Date:	Revision:
Project:	7 WEST 57TH STREET NEW YORK, NY 10019	
Client:	SOLO9W57 SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019	
Architect:	HILL   WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212-213-8007	
Interior Designer:	Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007	
Structural Engineer:	WSP   PARSONS BRINCKERHOFF ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10019 212-687-8888	
MEP/FE Engineer:	COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10021 212-615-3600	
Building Envelope Consultant:	V.DARIS 580 PARK AVENUE SOUTH, 15TH FL. NEW YORK, NY 10010 212-689-5389	



LOT 30 AREA : 3213.44 SQ.FT.

**NOTES:**

- ELEVATIONS SHOWN ON THIS SURVEY MAP REFER TO NAVD-88
- ALL DIMENSIONS SHOWN HEREON ARE IN THE UNITED STATES STANDARD OF MEASUREMENT.
- THIS IS TO CERTIFY THAT THERE ARE NO STREAMS OR NATURAL WATER COURSES VISIBLE ON THE PREMISES SHOWN HEREON. VAULTS, IF ANY, BELOW SIDEWALK LEVEL, ARE NOT LOCATED OR SHOWN HEREON.

THIS IS TO CERTIFY THAT THE PREMISES SHOWN HEREON DOES NOT LIE WITHIN ANY FLOOD HAZARD AREA DESIGNATED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

THE SUBSURFACE UTILITY INFORMATION SHOWN HEREON HAS BEEN EXTRACTED FROM INFORMATION OBTAINED FROM THE VARIOUS MUNICIPAL DEPARTMENTS AND PRIVATE COMPANIES AND IS PLACED ON THIS SURVEY FOR SCHEMATIC PURPOSES ONLY. SUCH INFORMATION IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS EITHER BY SAID DEPARTMENTS OR COMPANIES NOR BY THE UNDERSIGNED. BEFORE ANY BUILDING, EXCAVATION OR CONSTRUCTION OR NEAR THE PREMISES SHOWN HEREON, IT IS REQUIRED BY NEW YORK STATE INDUSTRIAL CODE 53 THAT THE SUBSURFACE UTILITIES BE MARKED OUT AND IDENTIFIED BY THE COMPANIES OR AGENCIES HAVING JURISDICTION.

UTILITY MAPS SUPPLIED BY RESPECTIVE UTILITY AND GOVERNMENTAL AGENCY, AND AS SUCH IT IS RECOMMENDED THAT BEFORE CONSTRUCTION COMMENCES THAT THE APPROPRIATE UTILITIES ARE CONTACTED. THE UTILITIES SHOWN ON THIS SURVEY MAP HAVE BEEN LOCATED BY FIELD OBSERVATIONS AND NO GUARANTEE IS GIVEN AS TO THE COMPLETENESS, LOCATION, SIZE OR TYPE OF UTILITY. IT IS RECOMMENDED THAT BEFORE CONSTRUCTION COMMENCES THAT THE APPROPRIATE UTILITIES ARE CONTACTED.

I CERTIFY TO:  
 SOLOW AND  
 THE NEW YORK CITY BUILDING DEPARTMENT  
 THAT THIS SURVEY WAS PREPARED AND REVIEWED  
 UNDER MY SUPERVISION IN THE OFFICE AND THE FIELD.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 2206 OF THE NEW YORK EDUCATION LAW.

THIS SURVEY MAP NOT BEING THE LAND SURVEYOR'S EMPLOYED SEAL AND ORIGINAL SIGNATURE SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY. THE SURVEY IS PREPARED AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY, AND LENDING INSTITUTION. GUARANTEES ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

CERTIFICATIONS INDICATED HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODES OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.

REVISIONS	AUTH.	DATE	FIELD DATE: 7-2016
	FB	PC	
	DRAWN BY: VS		
	CHKD BY: JVV		
	COMP FILE:		

**ARCHITECTURAL SURVEY**  
 SITUATED IN  
**THE BOROUGH OF MANHATTAN**  
 CITY OF NEW YORK  
 STATE OF NEW YORK

BLOCK 1273 LOT 30

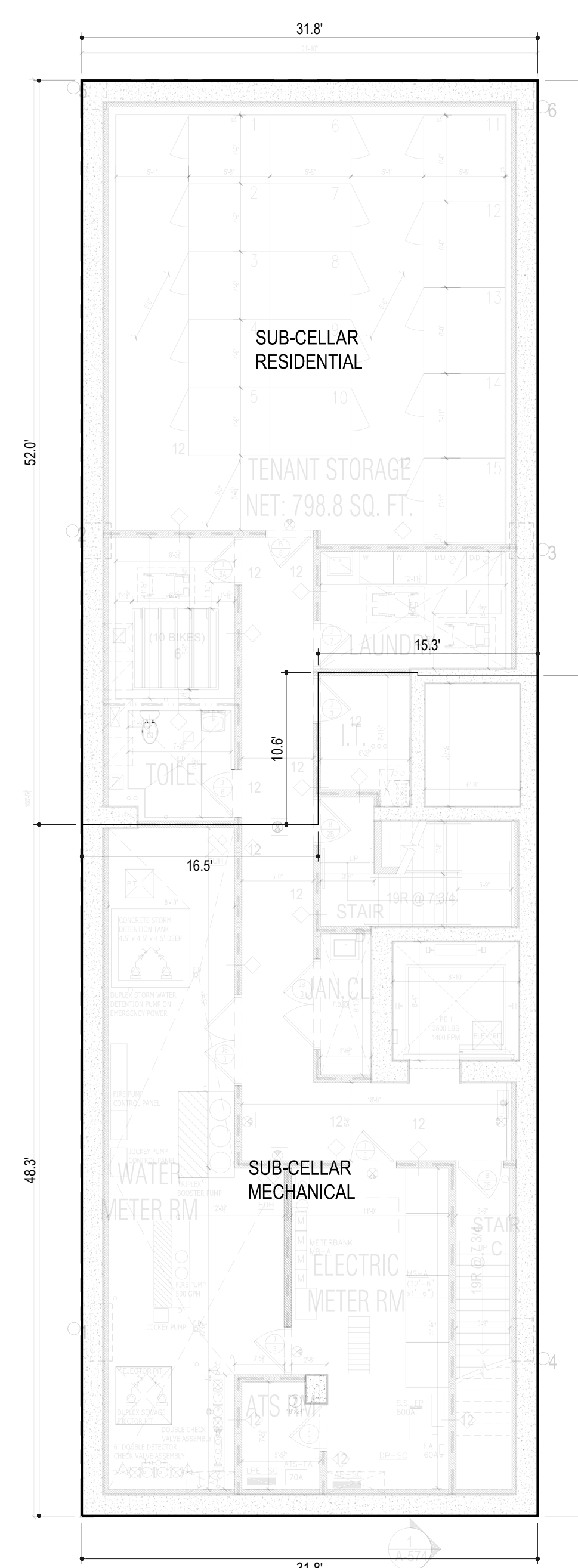
**True North Surveyors, P.C.**  
 111 Kosciuszko Road, Whitehouse Station, NJ 08889  
 phone: (908) 534-6248 fax: (908) 534-6237

**John J. Vida** N.Y.P.L.S. Lic. No. 050298  
 PROFESSIONAL LAND SURVEYOR

DOB STAMPS & SIGNATURES:

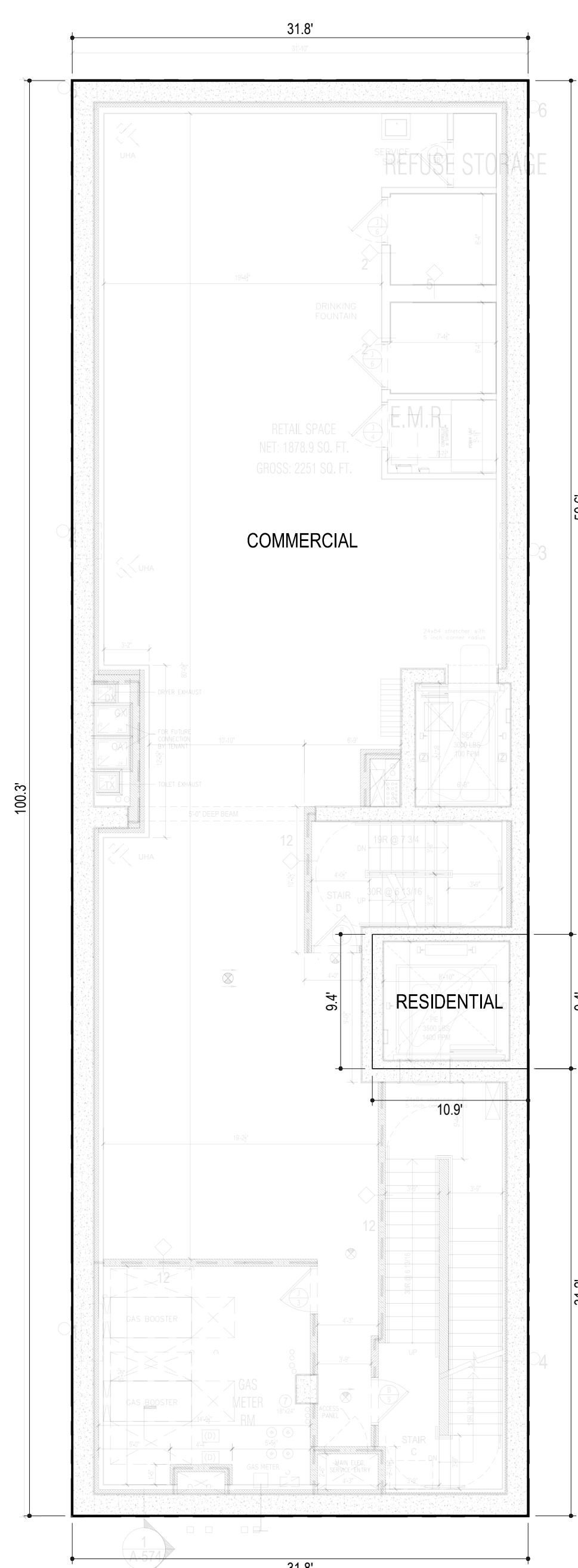
DWG TITLE:  
**EXISTING BUILDING SURVEY**

SEAL & SIGNATURE: DATE: 05/26/2017  
 PROJECT # 16A10  
 SCALE: As Noted  
**Z-002.00**  
 DWG NO.  
 NB#121191441



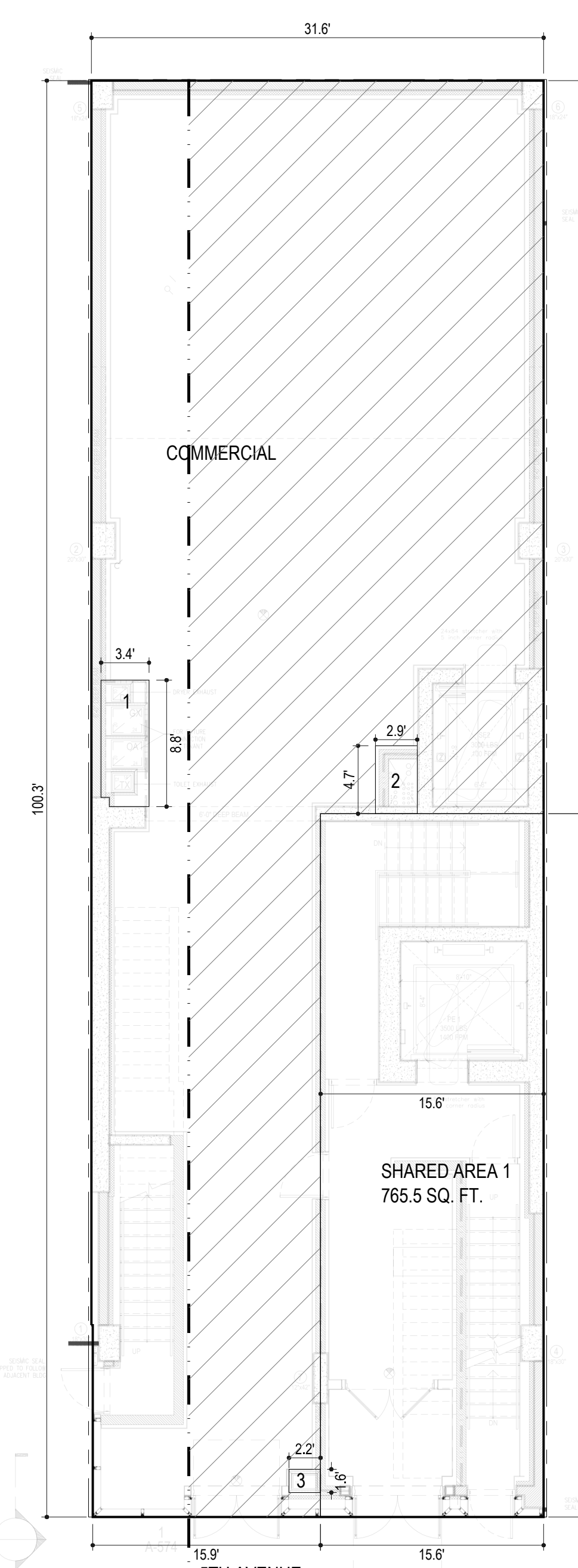
SUB-CELLAR GROSS AREA	
RESIDENTIAL	1,433.3 SQ. FT.
MECHANICAL	1,688.1 SQ. FT.
TOTAL	3,191.4 SQ. FT.

1 SUB-CELLAR GROSS AREA  
1/8" = 1'-0"



CELLAR GROSS AREA	
RESIDENTIAL	102.0 SQ. FT.
COMMERCIAL	3,089.4 SQ. FT.
TOTAL	3,191.4 SQ. FT.

2 CELLAR GROSS AREA  
1/8" = 1'-0"

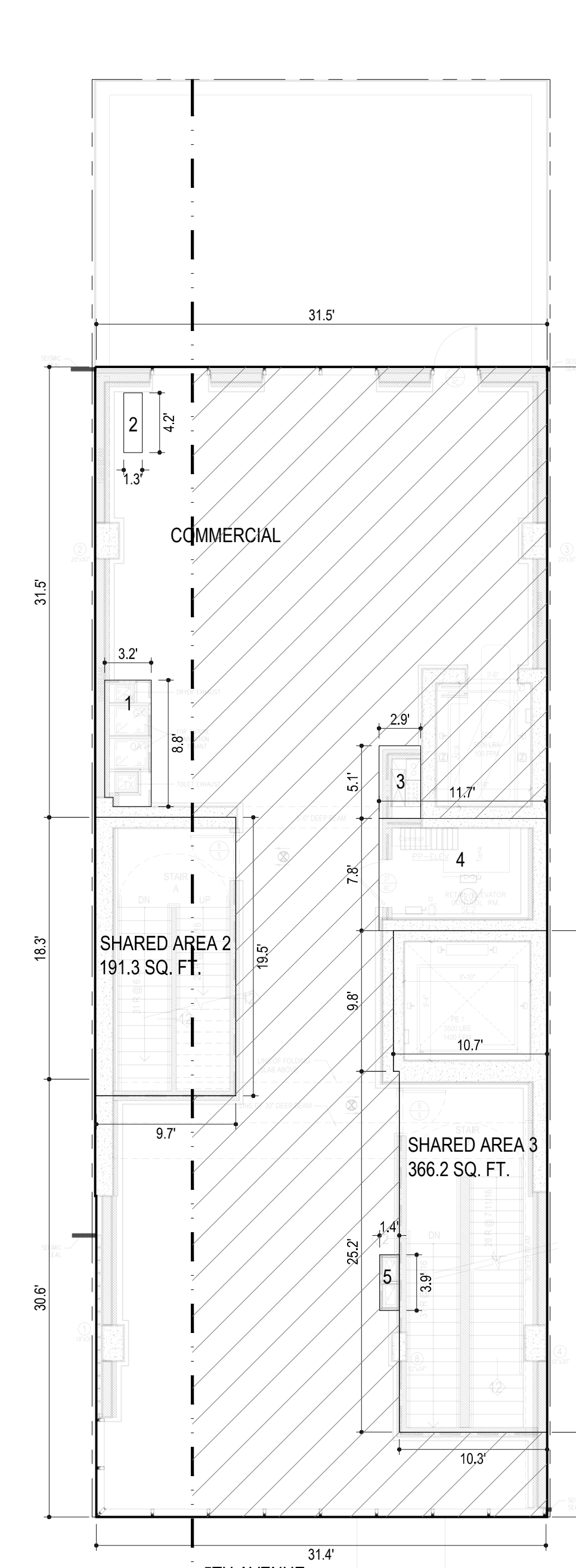


1 GROSS AREA*	
TOTAL RESIDENTIAL	88.07% x 765.5 SF = 674.2 SF
COMMERCIAL	2,492.3 SF
+ SHARED COMMERCIAL	11.93% x 765.5 SF + 91.3 SF
TOTAL COMMERCIAL	2,493.6 SF
TOTAL	3,167.8 SQ. FT.

COMMERCIAL MEP DEDUCTIONS		
LOCATION	TYPE	AREA
1	M	29.3 SQ. FT.
2	M	13.9 SQ. FT.
3	M	3.6 SQ. FT.
TOTAL		46.7 SQ. FT.

1 COMMERCIAL NOT INCLUDING SHARED AREA	
GROSS	2,492.3 SQ. FT.
DEDUCTIONS	46.7 SQ. FT.
ZFA	2,355.6 SQ. FT.

3 1ST FLOOR DEDUCTIONS  
1/8" = 1'-0"

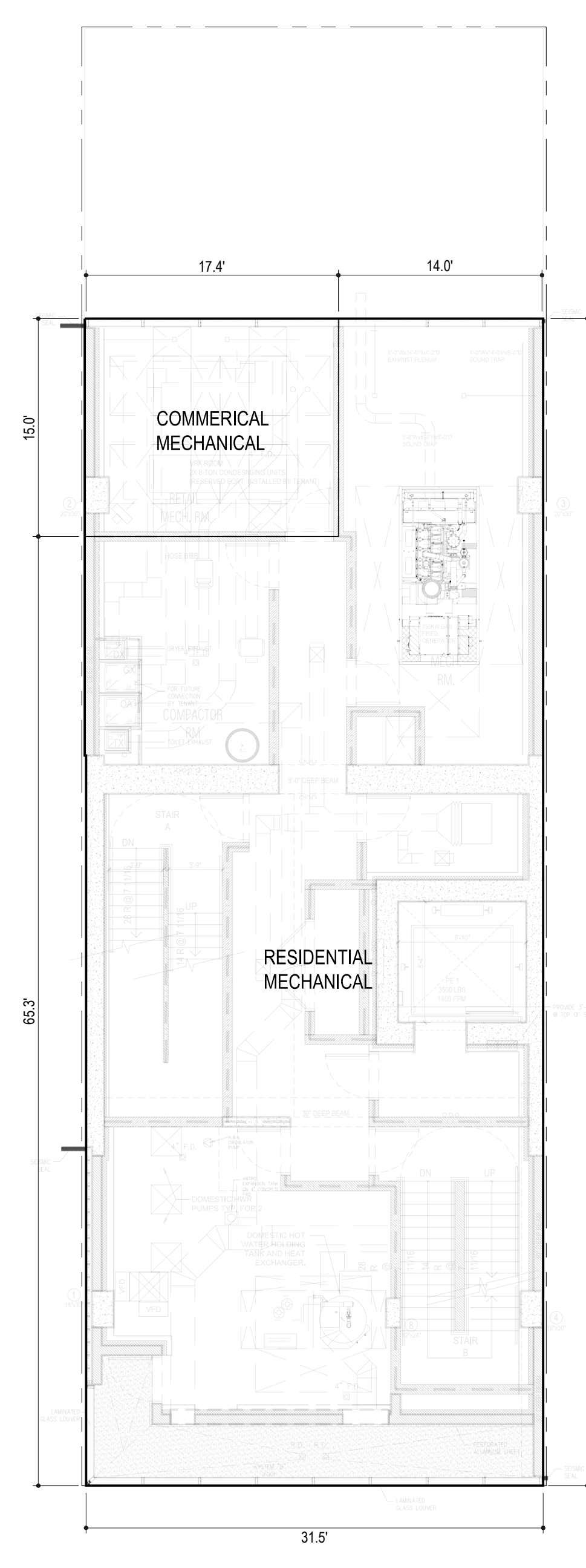


2 GROSS AREA*	
TOTAL RESIDENTIAL	88.07% x 557.5 SF + 491.0 SF
COMMERCIAL	1,977.9 SF
+ SHARED COMMERCIAL	11.93% x 557.5 SF + 66.5 SF
TOTAL COMMERCIAL	2,044.4 SF
TOTAL	2,535.4 SQ. FT.

COMMERCIAL MEP DEDUCTIONS		
LOCATION	TYPE	AREA
1	M	28.3 SQ. FT.
2	M	5.4 SQ. FT.
3	M	14.8 SQ. FT.
4	M	92.0 SQ. FT.
5	M	5.4 SQ. FT.
TOTAL		146.0 SQ. FT.

2 COMMERCIAL NOT INCLUDING SHARED AREA	
GROSS	1,977.9 SQ. FT.
DEDUCTIONS	146.0 SQ. FT.
ZFA	1,832.0 SQ. FT.

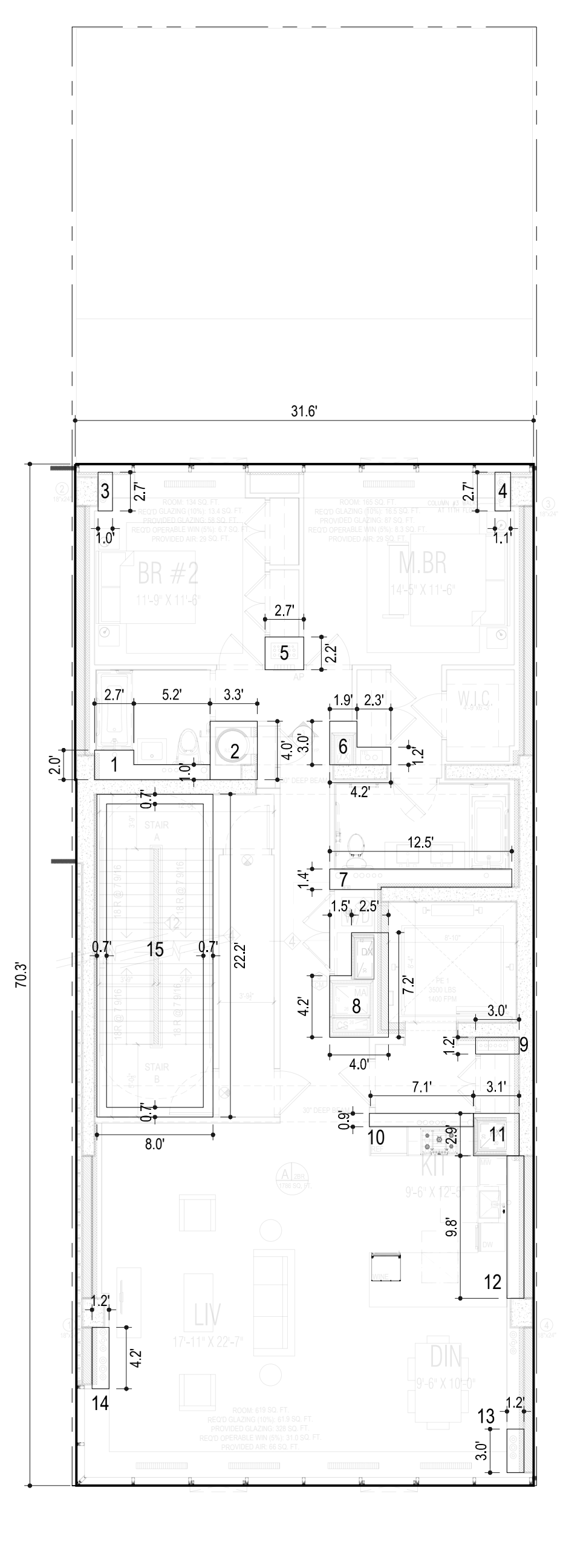
4 2ND FLOOR DEDUCTIONS  
1/8" = 1'-0"



3 GROSS AREA	
RESIDENTIAL	2,271.1 SQ. FT.
COMMERCIAL	262.0 SQ. FT.
TOTAL	2,533.1 SQ. FT.

3 MECHANICAL DEDUCTION	
RESIDENTIAL	2,271.1 SQ. FT.
COMMERCIAL	262.0 SQ. FT.
TOTAL	2,533.1 SQ. FT.

5 3RD FLOOR DEDUCTIONS  
1/8" = 1'-0"

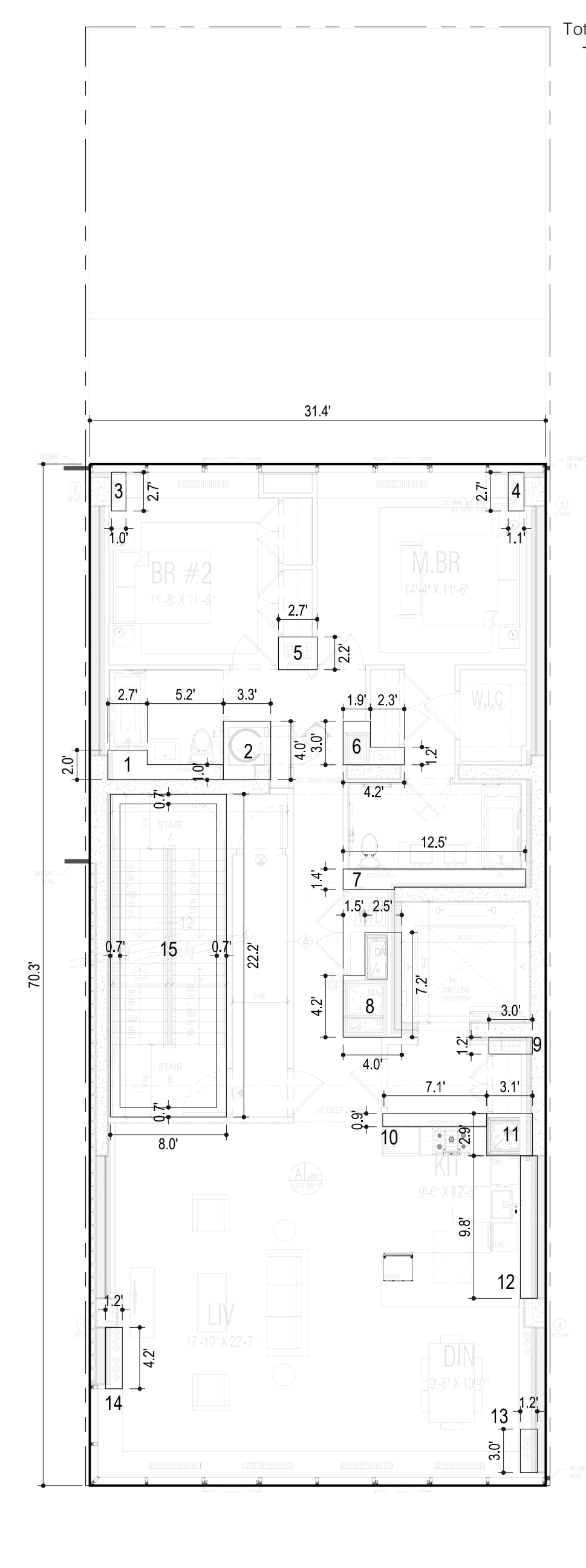


4-7 GROSS AREA	
RESIDENTIAL	2,217.4 SQ. FT.

MEP DEDUCTIONS		
LOCATION	TYPE	AREA
1	P	115.0 SQ. FT.
2	M	131.0 SQ. FT.
3	M	27.0 SQ. FT.
4	M	29.0 SQ. FT.
5	M	6.0 SQ. FT.
6	M	8.5 SQ. FT.
7	P	16.3 SQ. FT.
8	M	24.6 SQ. FT.
9	M	3.5 SQ. FT.
10	P	6.6 SQ. FT.
11	M	9.2 SQ. FT.
12	P	11.4 SQ. FT.
13	M	3.5 SQ. FT.
14	M	4.9 SQ. FT.
TOTAL		124.2 SQ. FT.

STAIR DEDUCTION		
LOCATION	TYPE	AREA
15	STAIR	38.5 SQ. FT.
TOTAL		38.5 SQ. FT.

6 4TH - 7TH FLOOR DEDUCTIONS  
1/8" = 1'-0"

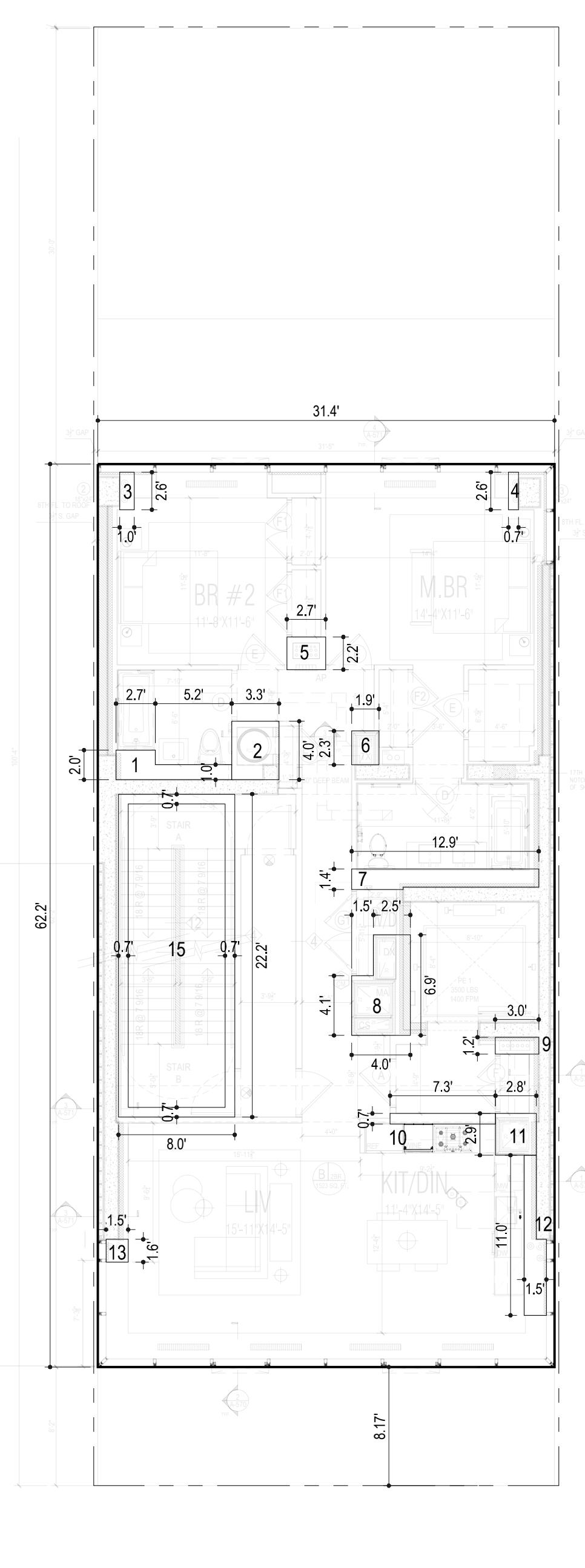


8-11 GROSS AREA	
RESIDENTIAL	2,209.7 SQ. FT.

MEP DEDUCTIONS		
LOCATION	TYPE	AREA
1	P	110.0 SQ. FT.
2	M	131.0 SQ. FT.
3	M	27.0 SQ. FT.
4	M	29.0 SQ. FT.
5	M	6.0 SQ. FT.
6	M	8.5 SQ. FT.
7	P	16.3 SQ. FT.
8	M	24.6 SQ. FT.
9	M	3.5 SQ. FT.
10	P	6.6 SQ. FT.
11	M	9.2 SQ. FT.
12	P	11.4 SQ. FT.
13	M	3.5 SQ. FT.
14	M	4.9 SQ. FT.
TOTAL		124.2 SQ. FT.

STAIR DEDUCTION		
LOCATION	TYPE	AREA
15	STAIR	38.5 SQ. FT.
TOTAL		38.5 SQ. FT.

7 8TH-11TH FLOOR DEDUCTIONS  
1/8" = 1'-0"

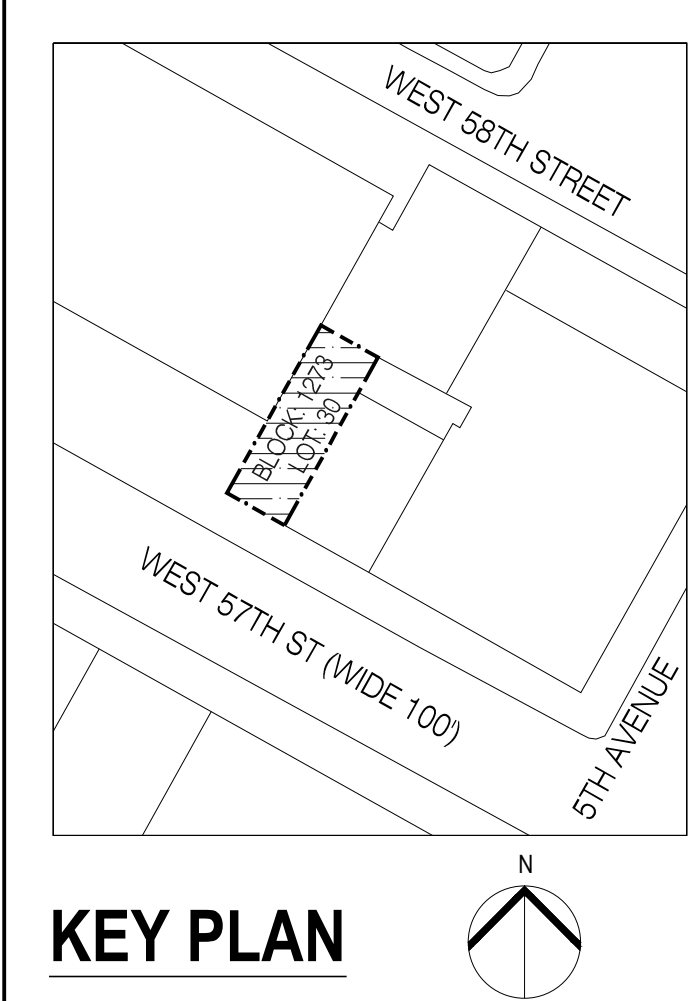


12-17 GROSS AREA	
RESIDENTIAL	1,953.2 SQ. FT.

MEP DEDUCTIONS		
LOCATION	TYPE	AREA
1	P	110.0 SQ. FT.
2	M	131.0 SQ. FT.
3	M	26.0 SQ. FT.
4	M	1.8 SQ. FT.
5	M	6.0 SQ. FT.
6	M	4.4 SQ. FT.
7	P	16.7 SQ. FT.
8	M	23.7 SQ. FT.
9	M	3.5 SQ. FT.
10	P	5.3 SQ. FT.
11	M	8.1 SQ. FT.
12	P	12.8 SQ. FT.
13	P	2.4 SQ. FT.
TOTAL		111.3 SQ. FT.

STAIR DEDUCTION		
LOCATION	TYPE	AREA
15	STAIR	38.5 SQ. FT.
TOTAL		38.5 SQ. FT.

8 12TH-17TH FLOOR DEDUCTIONS  
1/8" = 1'-0"



KEY PLAN

NOTES:

15	06/23/2017	DOB SUBMISSION
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	90% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number:	Date:	Revision:
7		

Project:  
7 WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

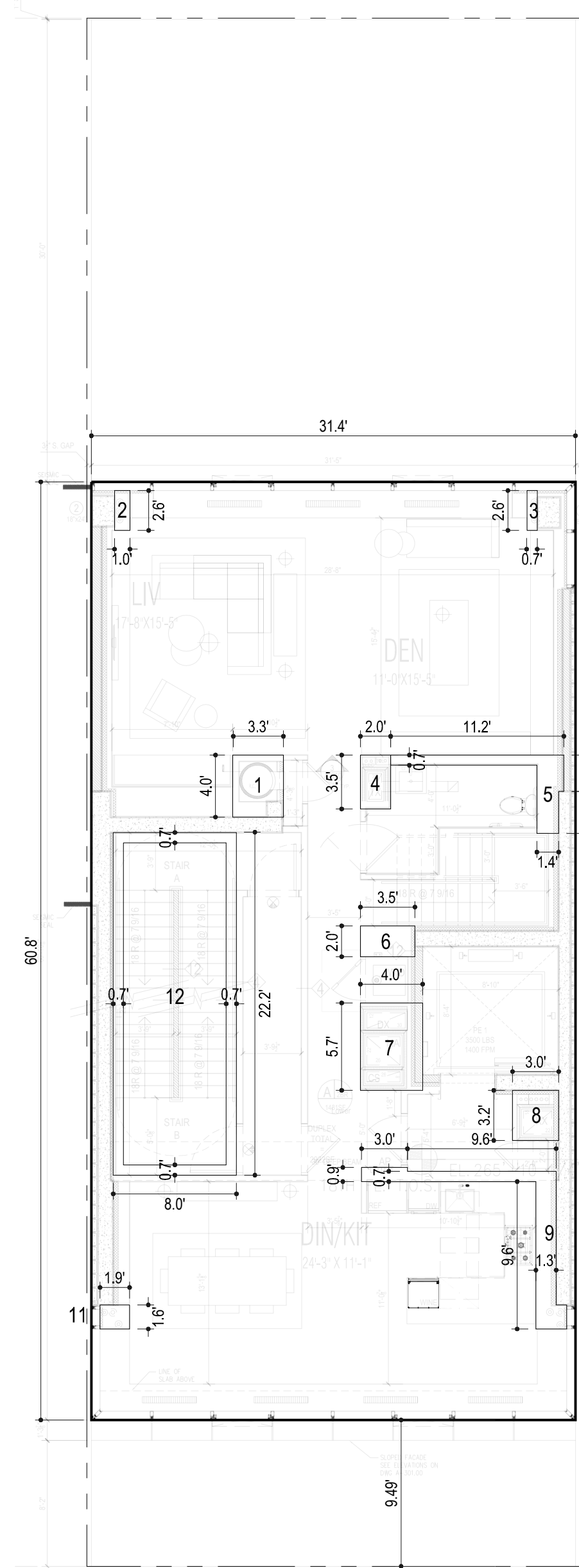
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
ZONING DEDUCTIONS

SEAL & SIGNATURE:  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: 1/8" = 1'-0"  
**Z-003.00**  
DWG NO.  
NB#121191441



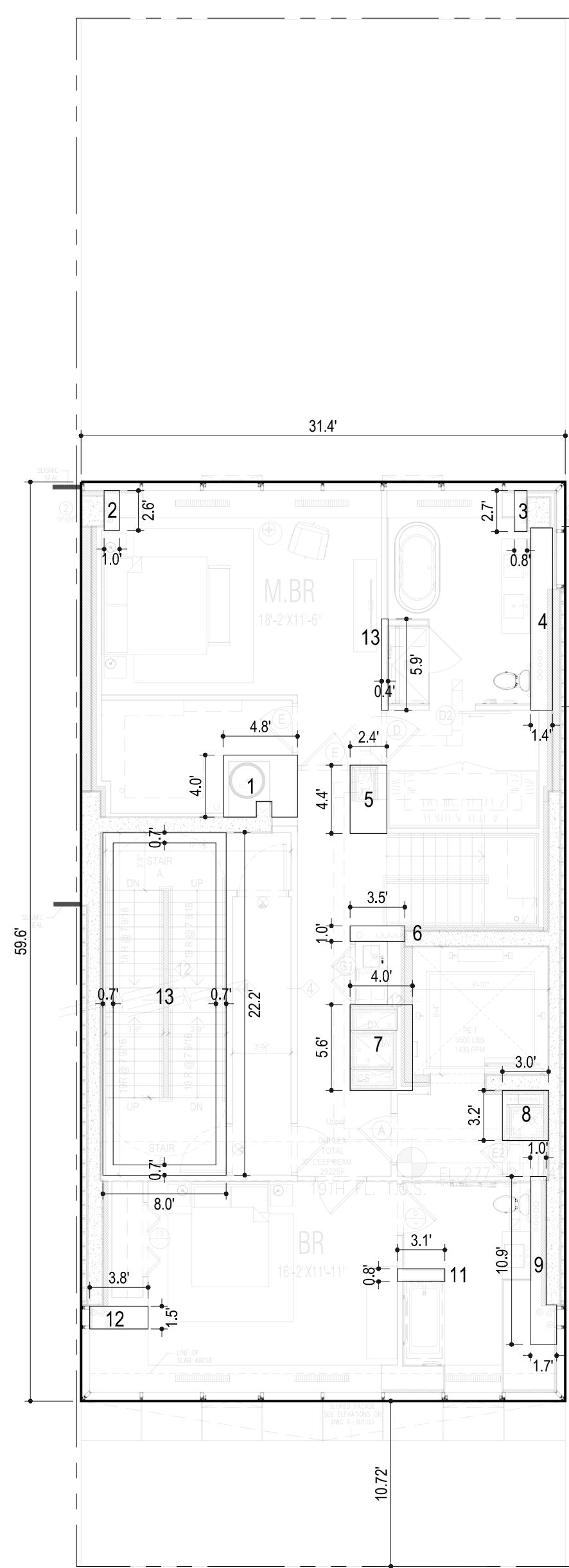
18 GROSS AREA		
RESIDENTIAL		1,911.5 SQ. FT.

MEP DEDUCTIONS		
LOCATION	TYPE	AREA
1	M	13.3 SQ. FT.
2	M	2.6 SQ. FT.
3	M	1.7 SQ. FT.
4	M	6.9 SQ. FT.
5	P	14.3 SQ. FT.
6	P	7.1 SQ. FT.
7	M	22.9 SQ. FT.
8	M	9.7 SQ. FT.
9	P	22.8 SQ. FT.
11	P	3.0 SQ. FT.
TOTAL		104.3 SQ. FT.

STAIR DEDUCTION		
LOCATION	TYPE	AREA
12	STAR	38.5 SQ. FT.
TOTAL		38.5 SQ. FT.

1 18TH FLOOR DEDUCTIONS  
1/8" = 1'-0"



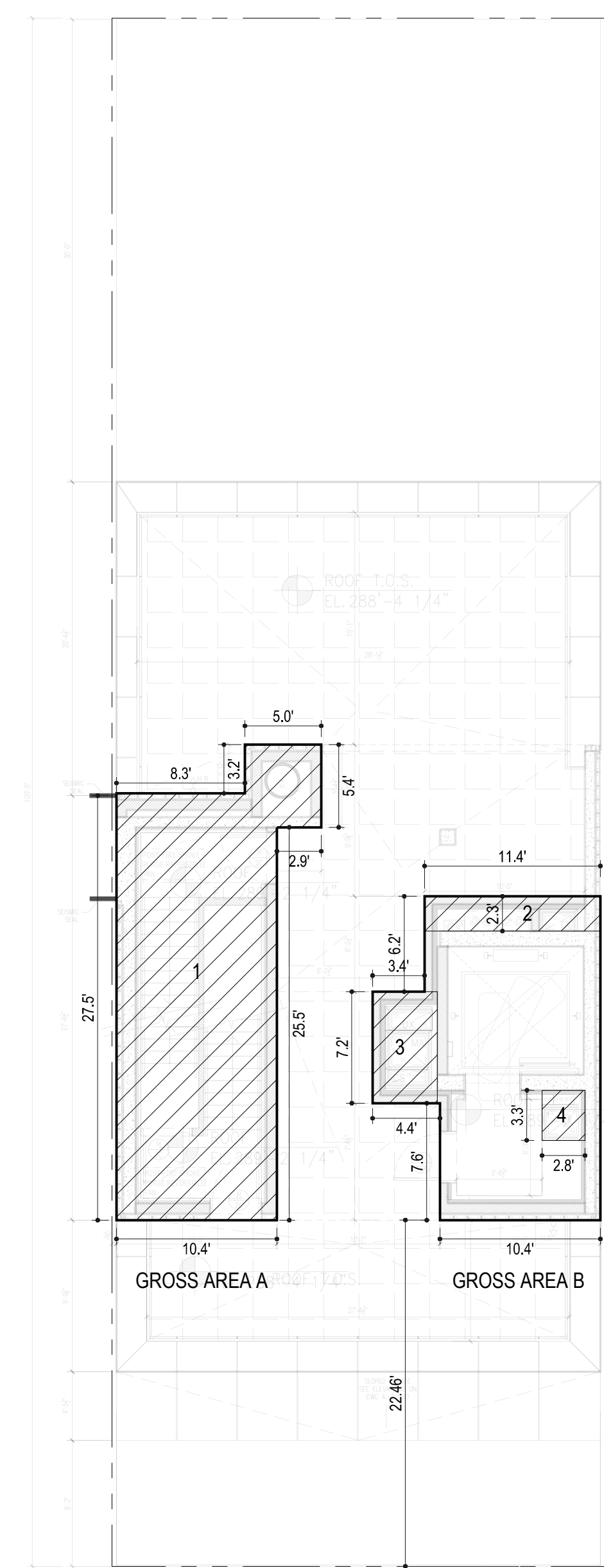
19 GROSS AREA		
RESIDENTIAL		1,872.9 SQ. FT.

MEP DEDUCTIONS		
LOCATION	TYPE	AREA
1	M	18.3 SQ. FT.
2	P	2.6 SQ. FT.
3	P	2.2 SQ. FT.
4	P	16.8 SQ. FT.
5	M	10.5 SQ. FT.
6	P	3.5 SQ. FT.
7	M	22.5 SQ. FT.
8	M	9.7 SQ. FT.
9	M	12.9 SQ. FT.
11	P	2.6 SQ. FT.
12	P	5.6 SQ. FT.
13	P	2.5 SQ. FT.
TOTAL		109.6 SQ. FT.

STAIR DEDUCTION		
LOCATION	TYPE	AREA
13	STAR	38.5 SQ. FT.
TOTAL		38.5 SQ. FT.

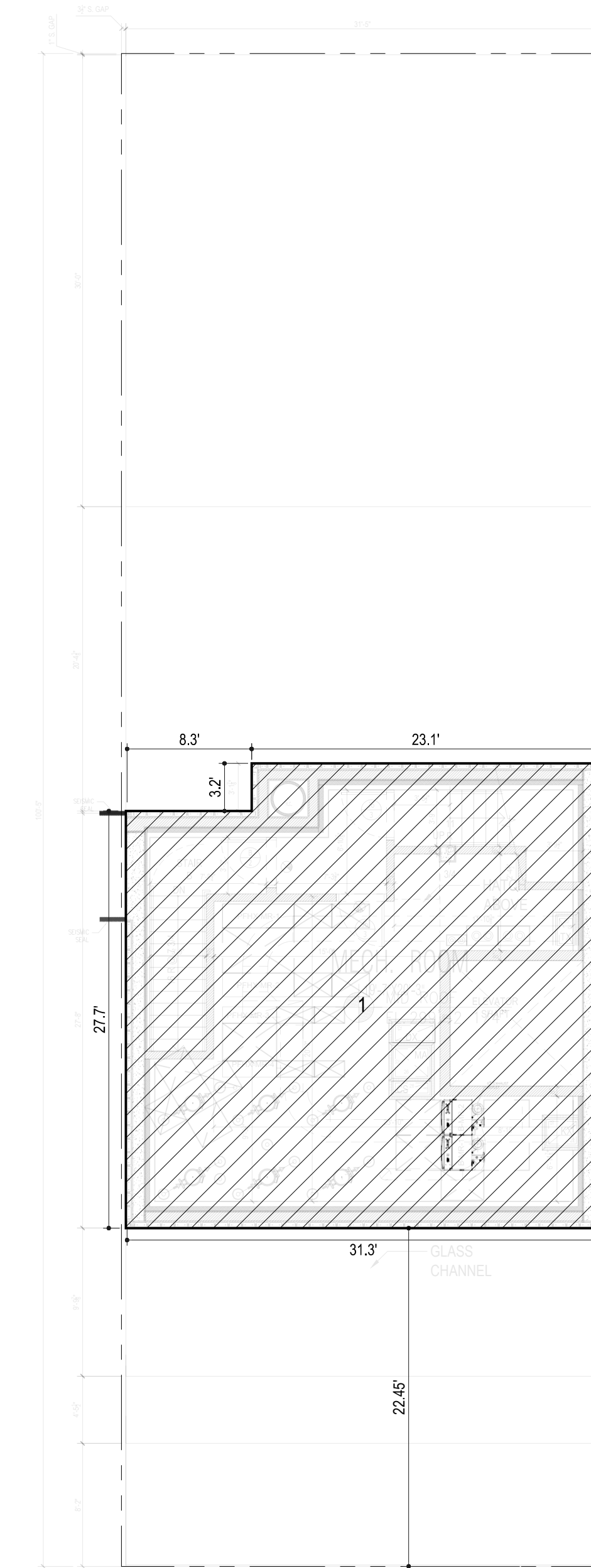
2 19TH FLOOR DEDUCTIONS  
1/8" = 1'-0"



ROOF GROSS AREA		
A		310.4 SQ. FT.
B		296.6 SQ. FT.
TOTAL		607.0 SQ. FT.

BLKHEAD DEDUCTION		
LOCATION	TYPE	AREA
1	BLKHD	310.4 SQ. FT.
2	BLKHD	25.7 SQ. FT.
3	BLKHD	30.4 SQ. FT.
4	BLKHD	9.1 SQ. FT.
TOTAL		375.6 SQ. FT.

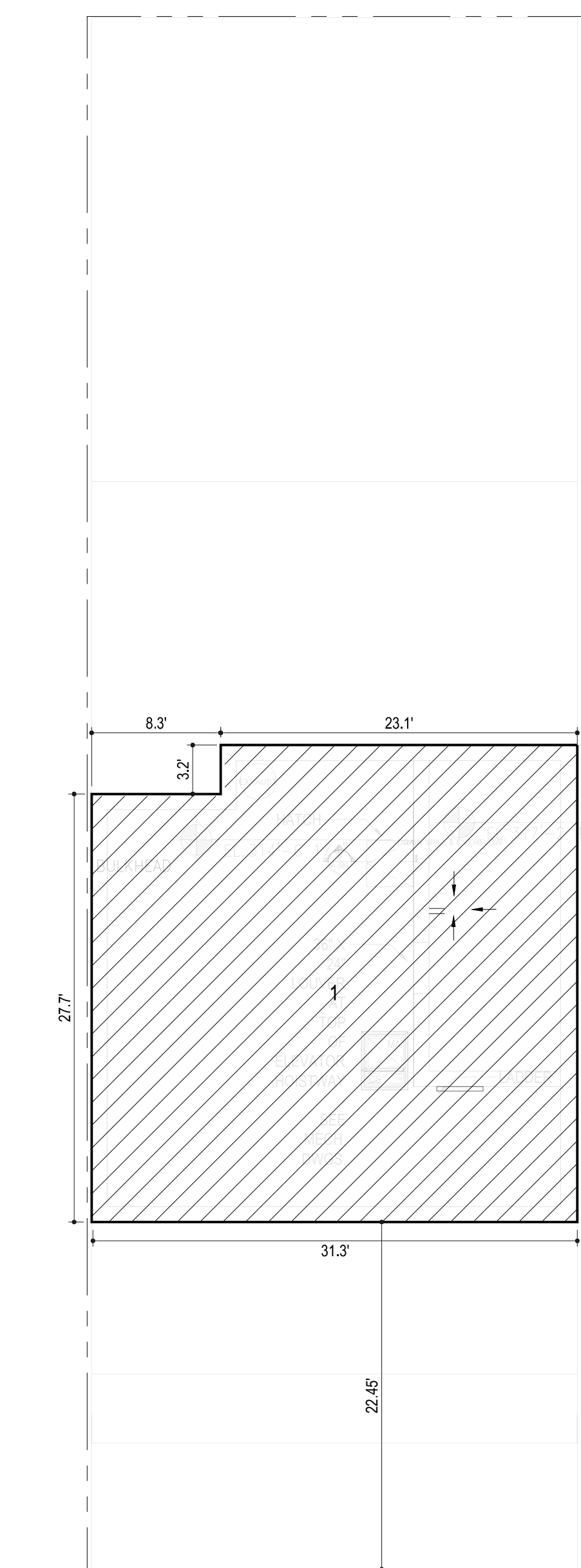
3 ROOF DEDUCTIONS  
1/8" = 1'-0"



MID ROOF GROSS AREA		
RESIDENTIAL		942.6 SQ. FT.
TOTAL		942.6 SQ. FT.

BLKHEAD DEDUCTION		
LOCATION	TYPE	AREA
1	BLKHD	942.6 SQ. FT.
TOTAL		942.6 SQ. FT.

4 MID-ROOF DEDUCTIONS  
1/8" = 1'-0"



UPPER ROOF GROSS AREA		
RESIDENTIAL		942.6 SQ. FT.
TOTAL		942.6 SQ. FT.

BLKHEAD DEDUCTION		
LOCATION	TYPE	AREA
1	BLKHD	942.6 SQ. FT.
TOTAL		942.6 SQ. FT.

5 UPPER ROOF DEDUCTIONS  
1/8" = 1'-0"



KEY PLAN

NOTES:

15	06/23/2017	DOB SUBMISSION
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	80% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:  
Project:  
**7**  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLOW57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

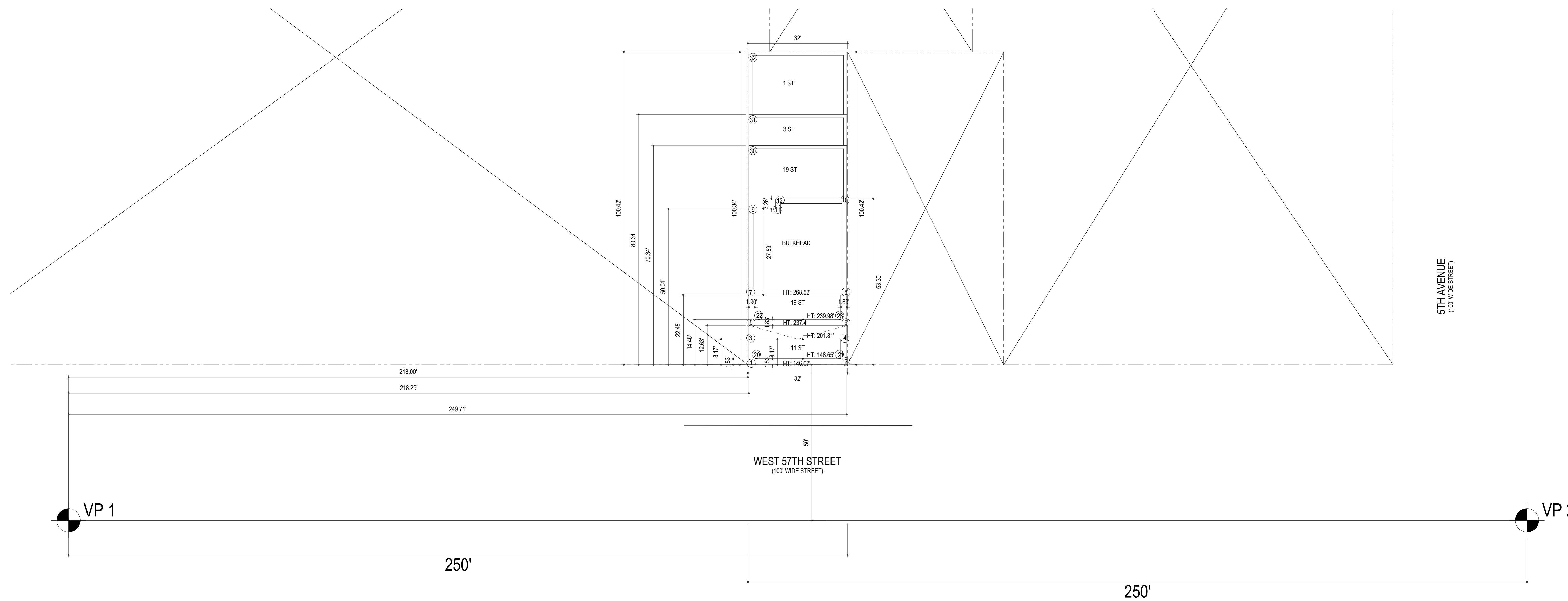
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**ZONING DEDUCTIONS**

SEAL & SIGNATURE:  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: 1/8" = 1'-0"  
**Z-004.00**  
DWG NO.  
NB#121191441



1 SITE PLAN & VIEWPOINTS  
SCALE: 1/16" = 1'-0"

NOTE  
81-252  
ALL HEIGHTS (ABOVE ACL) TO TOP OF PARAPET.

81-273(d) Plan & Section Angles

Street:	W 57th Street	V.P.	1
Ratio	Tan	Angle	
Far Lot Line:	50	250	0.20 11.31
Near Lot Line:	150	218.00	0.69 34.53

Pt	Plan			Section			Angle	
	(S)	(D)	Tan	(H)	(S)	Tan		
1	50.0	218.29	0.23	12.90	146.07	50.0	2.92	71.10
2	50.0	249.71	0.20	11.32	146.07	50.0	2.92	71.10
3	58.17	218.29	0.27	14.92	201.81	58.17	3.47	73.92
4	58.17	249.71	0.23	13.11	201.81	58.17	3.47	73.92
5	62.63	218.29	0.29	16.01	237.40	62.63	3.79	75.22
6	62.63	249.71	0.25	14.08	237.40	62.63	3.79	75.22
7	72.45	218.29	0.33	18.36	268.52	72.45	3.71	74.90
8	72.45	249.71	0.29	16.18	268.52	72.45	3.71	74.90
9	100.04	218.29	0.46	24.62	268.52	100.04	2.68	68.96
20	51.83	220.21	0.24	13.24	148.65	51.83	2.87	70.78
21	51.83	247.87	0.21	11.81	148.65	51.83	2.87	70.78
22	64.46	220.21	0.29	16.32	239.98	64.46	3.72	74.96
23	64.46	247.87	0.25	14.58	239.98	64.46	3.72	74.96
11	100.04	226.90	0.44	23.79	268.52	100.04	2.68	68.96
12	103.30	226.90	0.46	24.48	268.52	103.30	2.60	68.96
10	103.30	249.71	0.41	22.47	268.52	103.30	2.60	68.96
30	120.34	218.29	0.55	28.87	237.40	120.34	1.97	63.12
31	130.34	218.29	0.60	30.84	237.40	130.34	0.42	22.65
32	150.34	218.29	0.69	34.56	18.48	150.34	0.12	7.01

Note: Distance (S), (D) and Height (H) as per ZR 81-273 (C)(1) & (C)(2)

81-274 Daylight & Profile Blockage

Available Daylight: 70.8

Unblocked Daylight Credit: N/A  
Note: As per 81-274 (c), no unblocked daylight credit on street designated for street wall continuity.

Daylight Blockage: 8 Full + 32 subsquares = 11.2 squares

Profile Blockage: 81-274(d)

2nd 25ft Distance	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
88-90													
86-88													
84-86													
82-84													
78-80													
76-78													
74-76													
72-74		4											

3rd 25ft Distance	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
88-90													
86-88													
84-86													
82-84													
78-80													
76-78													
74-76													
72-74		1											

Total Sub-	4	4											
Total Sub-Sq.	2.0	4.0											

Total Profile Blockage: 6 subsquares = 0.6 squares

Total Blockage: 11.2 + 0.6 = 11.8

Remaining Daylight: 70.8 - 11.8 = 59.0

Daylight Score: 59.0 / 70.8 = 83.33%

81-273(d) Plan & Section Angles

Street:	W 57th Street	V.P.	2
Ratio	Tan	Angle	
Far Lot Line:	50	250	0.20 11.31
Near Lot Line:	150	218.00	0.69 34.53

Pt	Plan			Section			Angle	
	(S)	(D)	Tan	(H)	(S)	Tan		
1	50.0	249.71	0.20	11.32	146.07	50.0	2.92	71.10
2	50.0	218.29	0.23	12.90	146.07	50.0	2.92	71.10
3	58.17	249.71	0.23	13.11	201.81	58.17	3.47	73.92
4	58.17	218.29	0.27	14.92	201.81	58.17	3.47	73.92
5	62.63	249.71	0.25	14.08	237.40	62.63	3.79	75.22
6	62.63	218.29	0.29	16.01	237.40	62.63	3.79	75.22
7	72.45	249.71	0.29	16.18	268.52	72.45	3.71	74.90
8	72.45	218.29	0.33	18.36	268.52	72.45	3.71	74.90
10	103.30	218.29	0.47	25.32	268.52	103.30	2.60	68.96
20	51.83	247.87	0.21	11.81	148.65	51.83	2.87	70.78
21	51.83	220.21	0.24	13.24	148.65	51.83	2.87	70.78
22	64.46	247.87	0.26	14.58	239.98	64.46	3.72	74.96
23	64.46	220.21	0.29	16.32	239.98	64.46	3.72	74.96
9	100.04	249.71	0.40	21.83	268.52	100.04	2.68	68.96
11	100.04	241.10	0.41	22.54	268.52	100.04	2.68	68.96
12	103.30	241.10	0.43	23.19	268.52	103.30	2.60	68.96

Note: Distance (S), (D) and Height (H) as per ZR 81-273 (C)(1) & (C)(2)

81-274 Daylight & Profile Blockage

Available Daylight: 70.8

Unblocked Daylight Credit: N/A  
Note: As per 81-274 (c), no unblocked daylight credit on street designated for street wall continuity.

Daylight Blockage: 8 Full + 32 subsquares = 11.2 squares

Profile Blockage: 81-274(d)

2nd 25ft Distance	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
88-90													
86-88													
84-86													
82-84													
78-80													
76-78													
74-76													
72-74		4											

3rd 25ft Distance	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
88-90													
86-88													
84-86													
82-84													
78-80													
76-78													
74-76													
72-74		3											

Total Sub-	4	4											
Total Sub-Sq.	2.0	4.0											

Total Profile Blockage: 6 subsquares = 0.6 squares

Total Blockage: 11.2 + 0.6 = 11.8

Remaining Daylight: 70.8 - 11.8 = 59.0

Daylight Score: 59.0 / 70.8 = 83.33%

Zoning Lot Score: 83.33% Complies (Minimum 75%) 81-274(i)

Viewpoint	Score
VP 1	83.33%
VP 2	83.33%
Average	83.33%



KEY PLAN

NOTES:

Number	Date	Revision
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION/FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	80% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:  
7 WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEPFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
SITE PLAN & VIEWPOINTS  
PLAN/SECTION ANGLES, SCORING

SEAL & SIGNATURE: [Professional Seal]

DATE: 05/26/2017

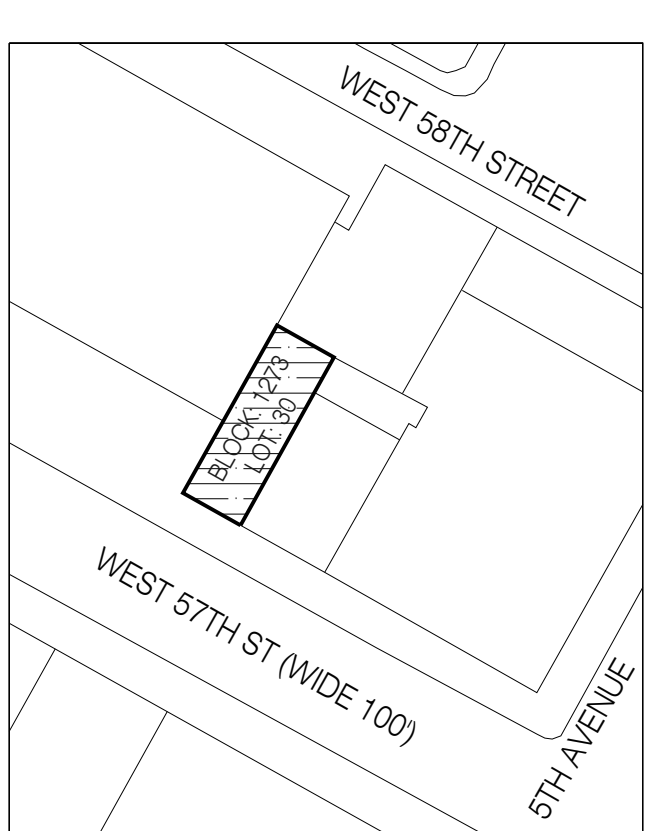
PROJECT #: 16A10

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

**Z-005.00**

DWG NO.

NB#121191441



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION/FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	80% CD SUBMISSION
07	04/15/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:  
 Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
 Interior Designer: **Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
 ONE PER PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

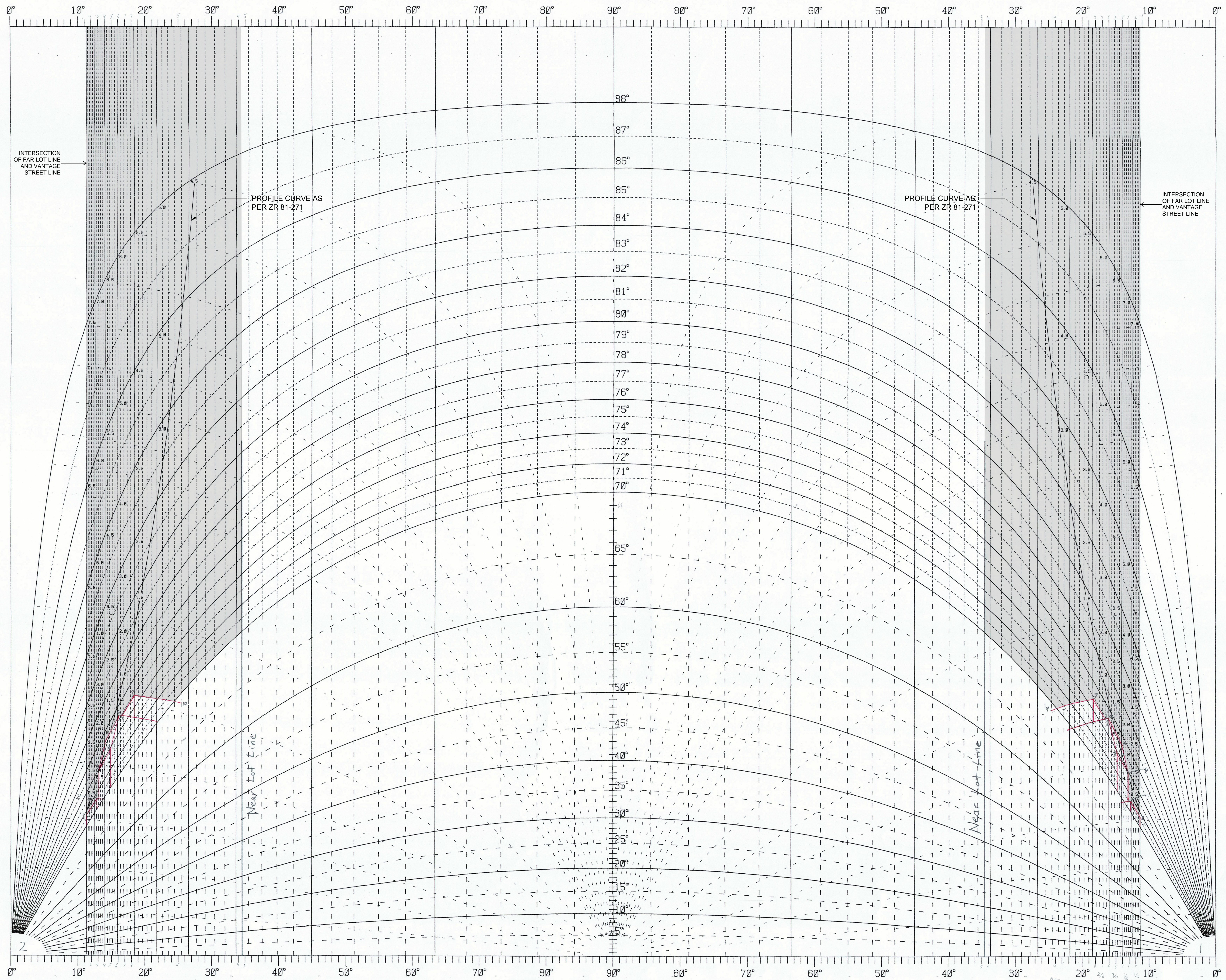
MEP/FE Engineer: **COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant: **VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE: **DAYLIGHT EVALUATION CHART**

SEAL & SIGNATURE: [Signature]  
 DATE: 05/26/2017  
 PROJECT #: 16A10  
 SCALE: N/A  
**Z-006.00**  
 DWG NO.



CURVILINEAR PERSPECTIVE LOOKING FROM VANTAGE POINT 2 TOWARD VANTAGE POINT 1 AS PER ZR 81\_273(d)

DAYLIGHT EVALUATION DIAGRAM 100 FOOT STREET

CURVILINEAR PERSPECTIVE LOOKING FROM VANTAGE POINT 1 TOWARD VANTAGE POINT 2 AS PER ZR 81\_273(d)

ABBREVIATIONS

Table of abbreviations for architectural components, organized in columns. Includes items like SLEEVES & AIR CONDITIONER UNIT, ACUSTIC TILE CEILING, AREA DRAIN, etc.

LEGEND

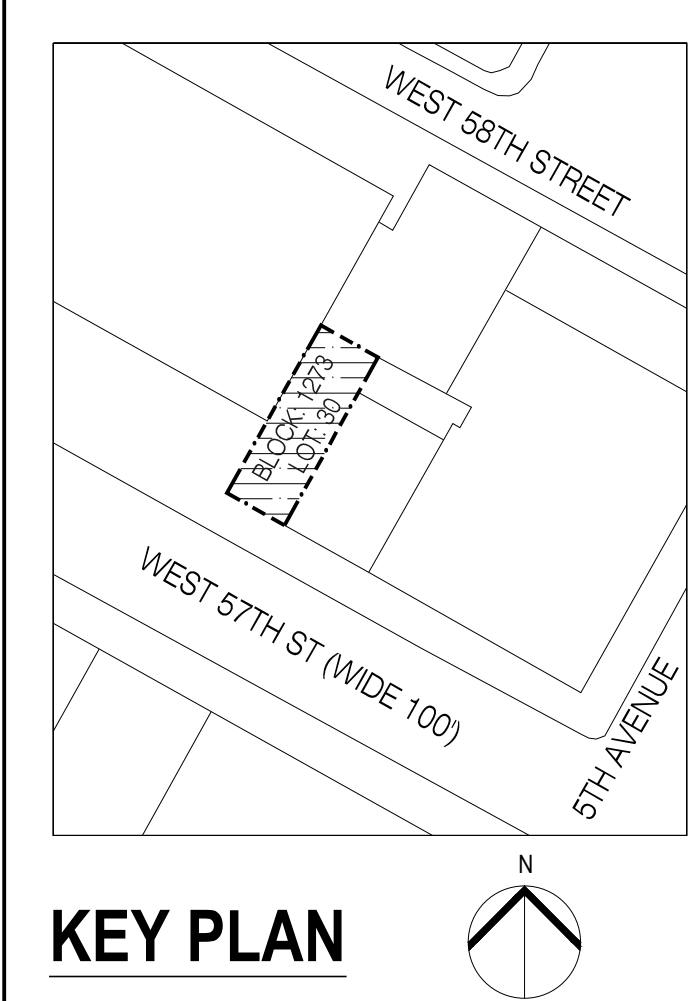
Legend table showing patterns and symbols for materials like GYPSUM BOARD, STEEL, ALUMINUM, FINISH WOOD, SOLID WOOD (BLOCKING), PLYWOOD, BATT INSULATION, RIGID INSULATION, GLASS, EARTH, POROUS FILL, CONCRETE, BRICK, CONCRETE BLOCK, TERRAZZO, MARBLE, and BATHROOM & KITCHEN APPLIANCES.

SYMBOLS

Symbols table defining symbols for ATTORNEY GENERAL APARTMENT NUMBERING, MARKET RATE APARTMENT INFO, NETGROSS SQUARE FOOTAGE, COLUMN NUMBER, METAL LINED DUCT TYPE, WINDOW TYPE, PARTITION TYPE, BULLS-EYE, ELEVATION & SHEET NUMBER, SECTION & SHEET NUMBER, EXISTING GRADE ELEVATION, FINISH GRADE ELEVATION, REVERSIBLE DOOR SWING, BATHROOM TAG, BATH NUMBER, BATH CODE COMPLIANCE, PROJECT BATHROOM TYPE, EXIT LIGHT AND SIGN, INCLUSIONARY APARTMENT INFO, and SENSORY IMPAIRED UNIT.

DRAWING LIST

Drawing List table with columns for NO., TITLE, BLDG. ENVELOPE, and 100% CD SET. Lists architectural, general, floor plans, reflected ceiling plans, building elevations, building section, exterior details, energy compliance, interior, and slab edge details.



NOTES: Section for project notes and revisions.

Revisions table with columns for No., Date, and Revision. Lists various DOB submissions and energy compliance issues.

Client: SOLO9W57, SOLOW REALTY & DEVELOPMENT COMPANY, LLC. Project: 7 WEST 57TH STREET, NEW YORK, NY 10019.

Architect: HILL | WEST ARCHITECTS, 11 BRADWAY, 17TH FLOOR, NEW YORK, NY 10004.

Interior Designer: Whitehall INTERIORS, 11 Broadway, Suite 1532, New York, NY 10004. Structural Engineer: WSP | PARSONS BRINCKERHOFF, ONE PENN PLAZA, 250 WEST 34TH STREET, 2ND FLOOR, NEW YORK, NY 10119.

MEP/FE Engineer: COSENTINI ASSOCIATES, TWO PENNSYLVANIA PLAZA, THIRD FLOOR, NEW YORK, NY 10121.

DOB STAMPS & SIGNATURES: Section for official stamps and signatures.

DWG LIST & LEGENDS

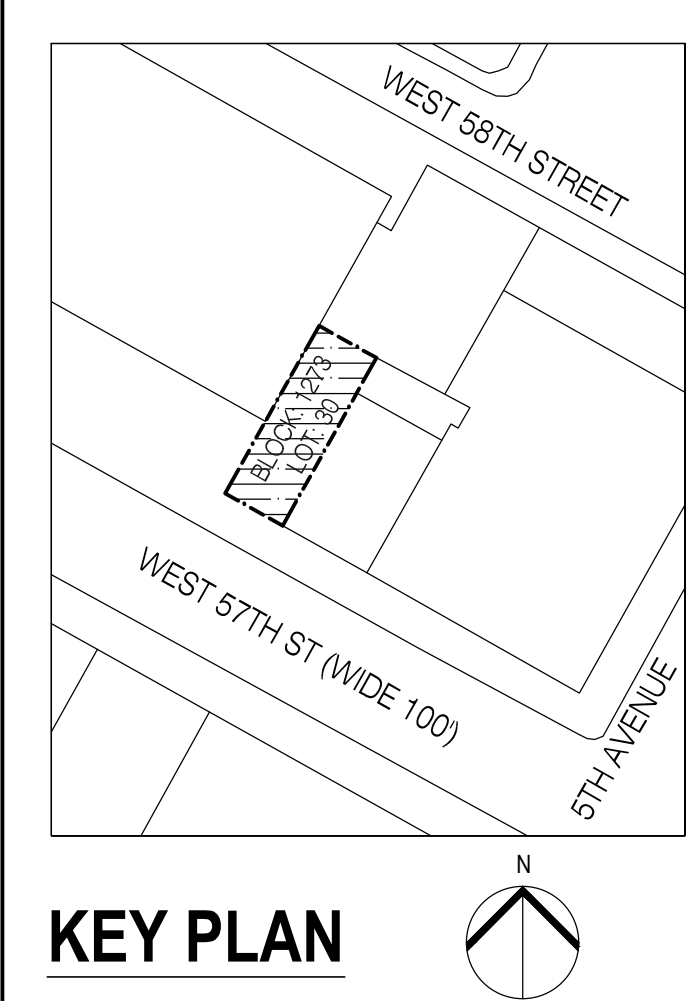
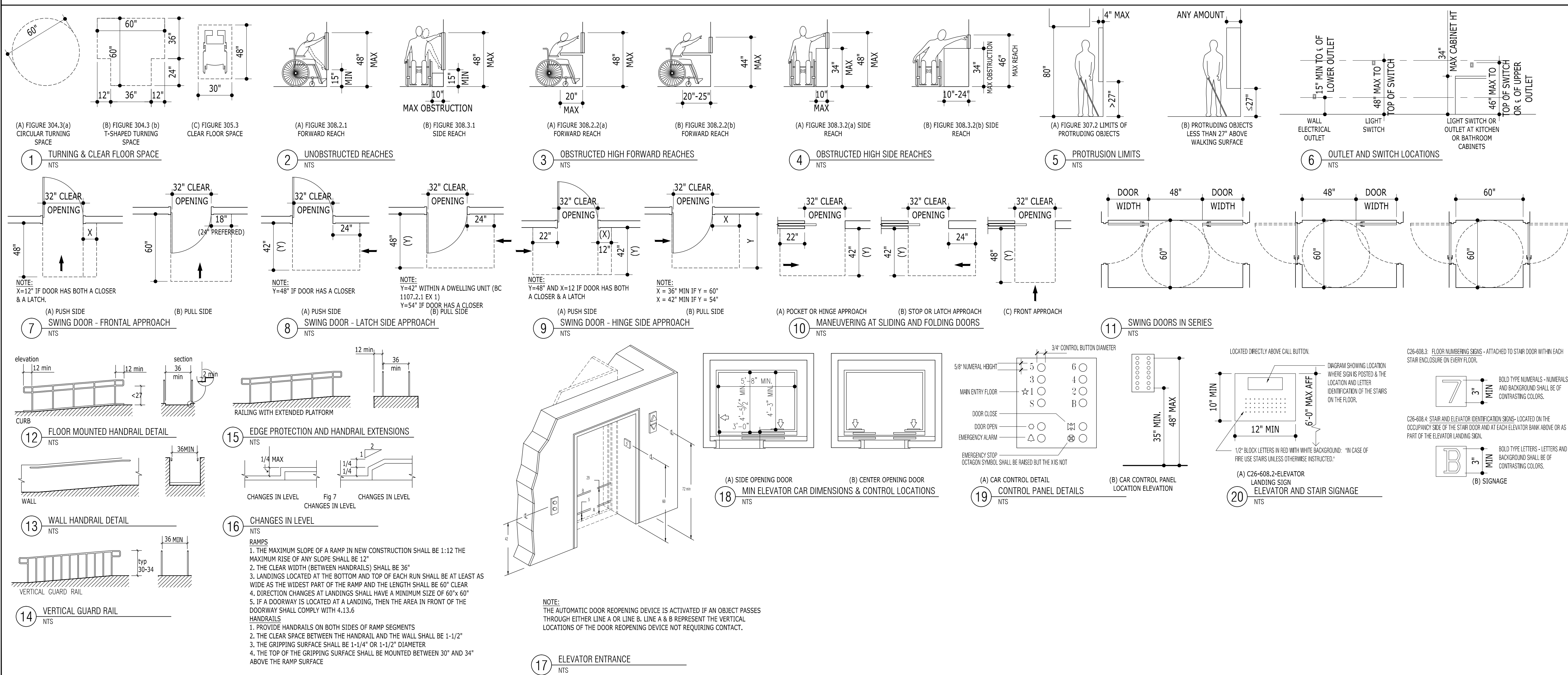
Project information including SEAL & SIGNATURE, DATE (05/26/2017), PROJECT # (16A10), SCALE (N/A), and DWG NO. (A-001.00).







**ACCESSIBLE REQUIREMENTS** NOTE: ALL REFERENCES TO FIGURE NUMBER REFER TO ANSI 117.1-2009; ALL DIMENSIONS SHOWN ARE MINIMUM PERMITTED UNLESS NOTED OTHERWISE.

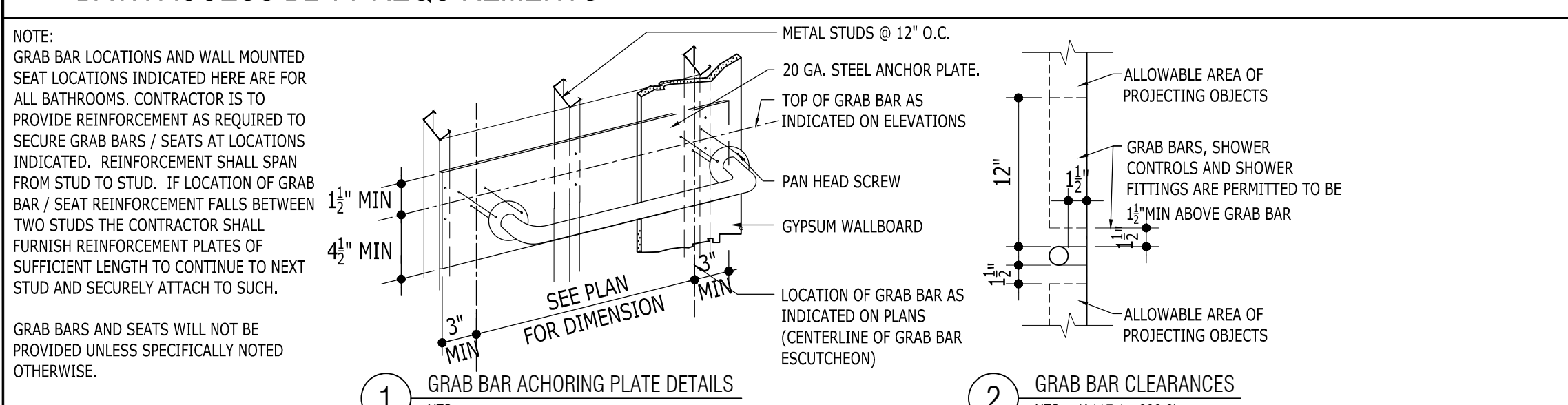


**KEY PLAN**

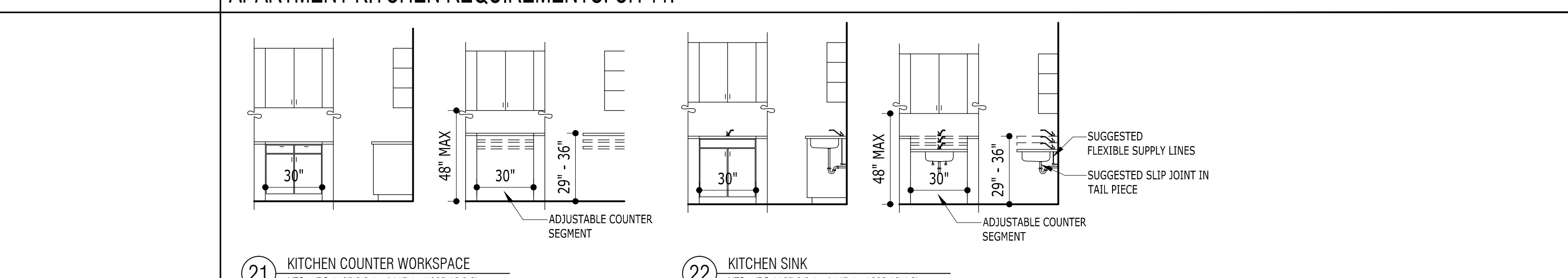
**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	90% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	90% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

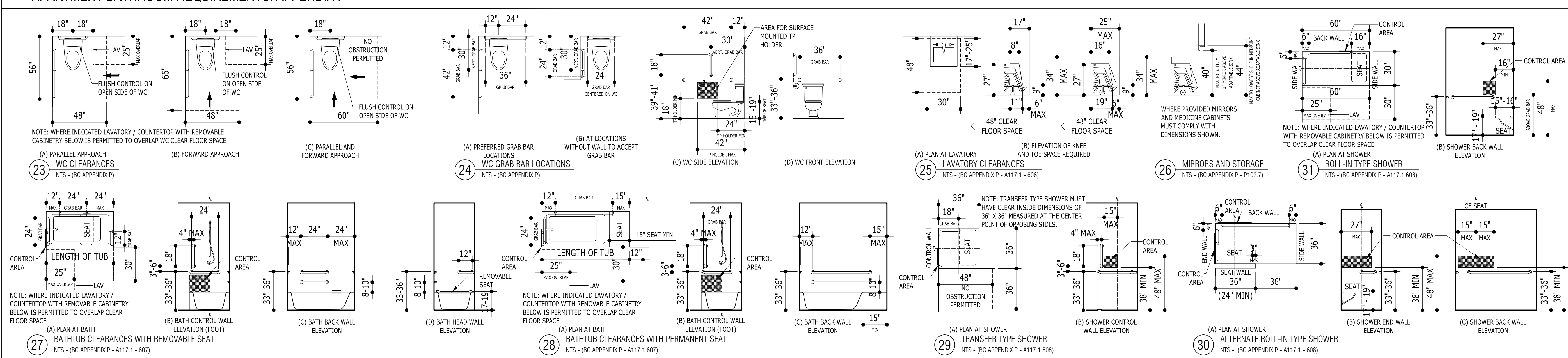
**BATH ACCESSIBILITY REQUIREMENTS** NOTE: ALL REFERENCES TO FIGURE NUMBER REFER TO ANSI 117.1-2009; ALL DIMENSIONS SHOWN ARE MINIMUM PERMITTED UNLESS NOTED OTHERWISE.



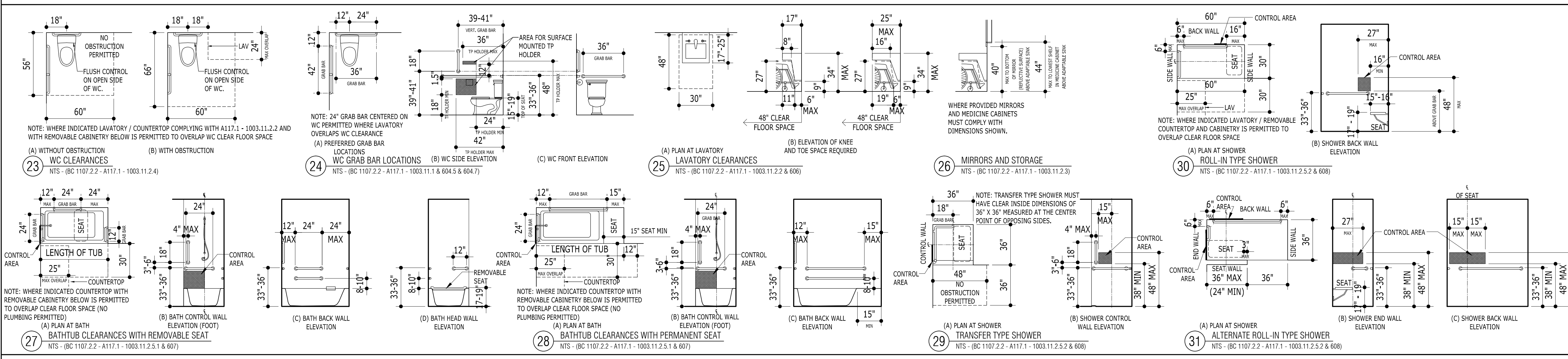
**APARTMENT KITCHEN REQUIREMENTS: CH 11** NOTE: AS INDICATED KITCHEN SHALL COMPLY WITH CH. 11 OF THE BUILDING CODE OF NEW YORK CITY



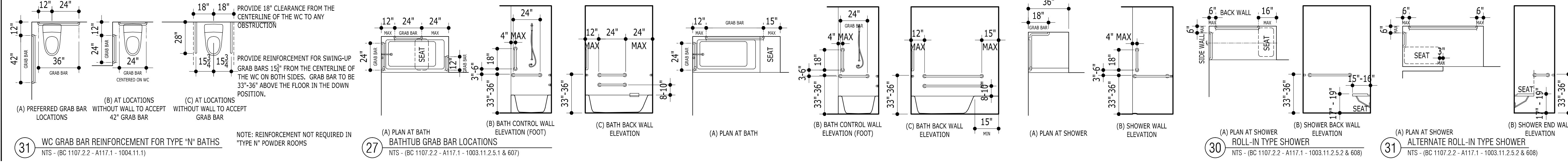
**APARTMENT BATHROOM REQUIREMENTS: APPENDIX P** NOTE: AS INDICATED BATHROOMS SHALL COMPLY WITH APPENDIX P OF THE BUILDING CODE OF NEW YORK CITY.



**APARTMENT BATHROOM REQUIREMENTS: TYPE A** NOTE: AS INDICATED IF ONE BATHROOM IN A DWELLING UNIT COMPLIES WITH ANSI 1103.1.1 AND 1103.2.2 (REFERRED TO AS 'TYPE A') ALL OTHER BATHROOMS WITHIN THE UNIT HAVE REDUCED REQUIREMENTS AND ARE REFERRED TO AS 'TYPE N'.



**APARTMENT BATHROOM REQUIREMENTS: TYPE N** NOTE: AS INDICATED IF ONE BATHROOM IN A DWELLING UNIT COMPLIES WITH ANSI 1103.1.1 AND 1103.2.2 (REFERRED TO AS 'TYPE A') ALL OTHER BATHROOMS WITHIN THE UNIT HAVE REDUCED REQUIREMENTS AND ARE REFERRED TO AS 'TYPE N'.



Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE FENNER PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-5600

Building Envelope Consultant:  
**VIDARIS**  
300 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

**ADAPTABILITY NOTES**

SEAL & SIGNATURE: [Signature] DATE: 05/26/2017  
PROJECT # 16A10  
SCALE: N/A  
**A-003.00**  
DWG NO. NB#12191441

**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 to the 1% annual chance flood. 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 NNGS12  
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 relationships 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 1-800-358-8616 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 1-800-358-8620 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**

**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 actual 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 abandoned. 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 floodway 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.

Base Flood Elevation line and value, elevation in feet\*

Base Flood Elevation value where uniform within zone; elevation in feet

(EL. 987)

\* Referenced to the National Geodetic Vertical Datum of 1929

○ Cross section line

○ Transient line

87°07'45", 32°22'30"

176°11'N

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere Zone projection

100-meter Universal Transverse Mercator grid values, zone 18

500-foot grid (not shown) New York State Plane coordinate system, Long Island zone (FIPSZONE 3104), Lambert Conformal Conic projection

Bench mark (see explanation in Notes to Users section of this FISR panel)

● M1.5 River Mile

MAP REPOSITORY Refer to listing of Map Repositories on Map Index

INITIAL NFIP MAP DATE June 29, 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'

0 250 500 1000 FEET

0 250 500 1000 METERS

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**

**FLOOD INSURANCE RATE MAP**

**CITY OF NEW YORK, NEW YORK**

**BRONX, RICHMOND, NEW YORK, QUEENS, AND KINGS COUNTIES**

**PANEL 88 OF 457**

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS**

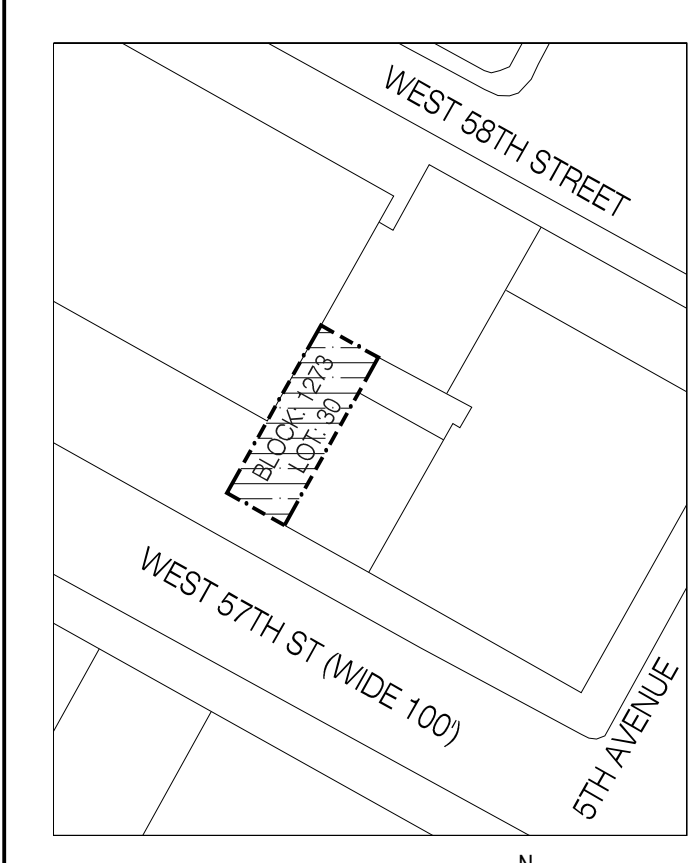
COMMUNITY	NUMBER	PANEL	SUFFIX
NEW YORK, CITY OF	36048F	0088	F

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**  
36048F0088F

**MAP REVISED**  
SEPTEMBER 5, 2007

Federal Emergency Management Agency



**KEY PLAN**

**NOTES:**

Number	Date	Revision
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:

**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:

**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:

**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:

**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:

**WSP | PARSONS BRINCKERHOFF**  
ONE PENNSYLVANIA PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer:

**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:

**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:

**FIRM MAP (F SERIES)**

SEAL & SIGNATURE:

**WILLIAM CHARLES ARCHITECT**  
WILLIAM CHARLES ARCHITECT  
STATE OF NEW YORK

DATE: 05/26/2017

PROJECT #: 16A10

SCALE: N/A

**A-004.00**

DWG NO.

NB#121191441

**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** shown on this map apply only (landward of 0.0 North American Vertical Datum of 1988 (NAVD 88)). 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 Long Island 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 North American Vertical Datum of 1988. 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 NINGS12  
National Geodetic Survey  
SSM-C-3, 98202  
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 (801) 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 (DoITT). This information was derived from digital orthorectified products at a scale of 1:1,200 with 2-foot pixel resolution from photography dated April 2008.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contain authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

**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 of the county showing the layout of map panels, community map repository addresses, and a listing of Communities tables containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

The **AE Zone** category has been divided by a **Limit of Moderate Wave Action (LMMA)**. The LMMA represents the approximate landward limit of the 1.5-foot breaking wave. The effects of wave hazards between the VE Zone and the LMMA (or between the shoreline and the LMMA for areas where VE Zones are not identified) will be similar to, but less severe than those in the VE Zone.

For information on available products associated with this FIRM visit the **Map Service Center (MSC)** website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FIMX) at 1-877-FEMA-MAP (1-877-336-6277) or visit the FEMA website at <http://www.fema.gov/business/info>.



**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 equalled 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, A1, A2, A3, 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 abutted flood 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 AR9** 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**

Areas determined to be outside the 0.2% annual chance floodplain. 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.
- Limit of Moderate Wave Action
- Base Flood Elevation line and value; elevation in feet
- Base Flood Elevation value where uniform within zone; elevation (EL 987)
- Referenced to the North American Vertical Datum of 1988
- Cross section line
- Transect line
- Column, Flume, Weir, or Aqueduct
- Road or Railroad Bridge
- Footbridge
- Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 1000-meter Universal Transverse Mercator grid values, zone 18
- 5000-foot grid values: New York State Plane coordinate system, Long Island zone (FIPSZONE 3104), Lambert Conformal conic projection
- Bench mark (see explanation in Notes to Users section of this FIRM report)
- River Mile

**MAP REPOSITORY**  
Refer to listing of Map Repositories on Map Index.

**INITIAL NFIP MAP DATE**  
June 25, 1974

**FLOOD HAZARD BOUNDARY MAP REVISIONS**  
June 11, 1976

**FLOOD INSURANCE RATE MAP EFFECTIVE DATE**  
November 16, 1983

**FLOOD INSURANCE RATE MAP REVISIONS**

For descriptions of revisions see Notice to Users page in the Flood Insurance Study report.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6633.

**MAP SCALE 1" = 500'**

250 500 1000  
0 150 300  
METERS

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**

**FLOOD INSURANCE RATE MAP**

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

**PANEL 88 OF 457**  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS:**

COMMUNITY	NUMBER	PANEL	SUFFIX
NEW YORK, CITY OF	360487	0088	G

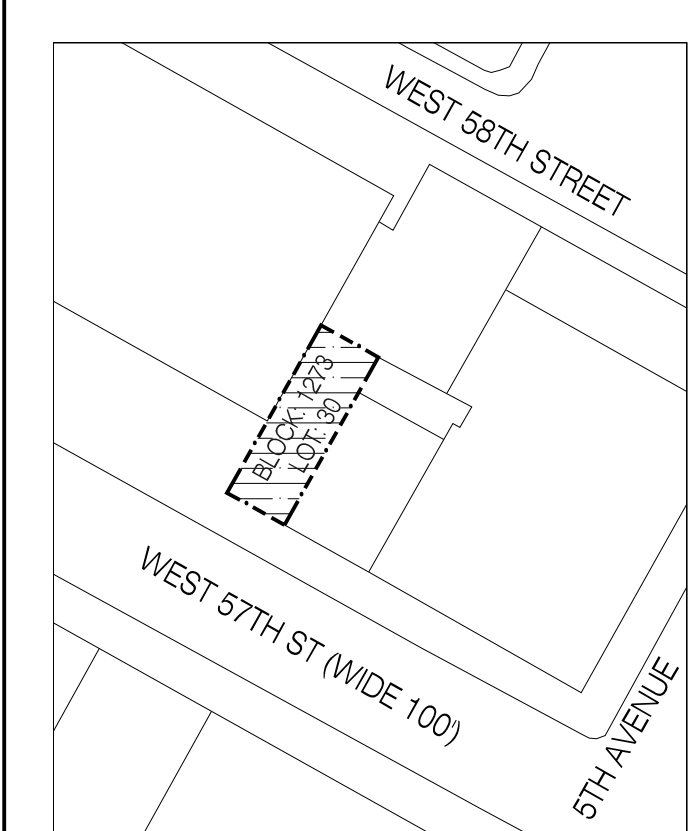
**PRELIMINARY**  
**DECEMBER 5, 2013**

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**  
**3604870088G**

**MAP REVISED**

**Federal Emergency Management Agency**



**KEY PLAN**

**NOTES:**

Number	Date	Revision
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	80% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:  
**7 WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10019  
212-687-8888

MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10021  
212-615-3600

Building Envelope Consultant:  
**VDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

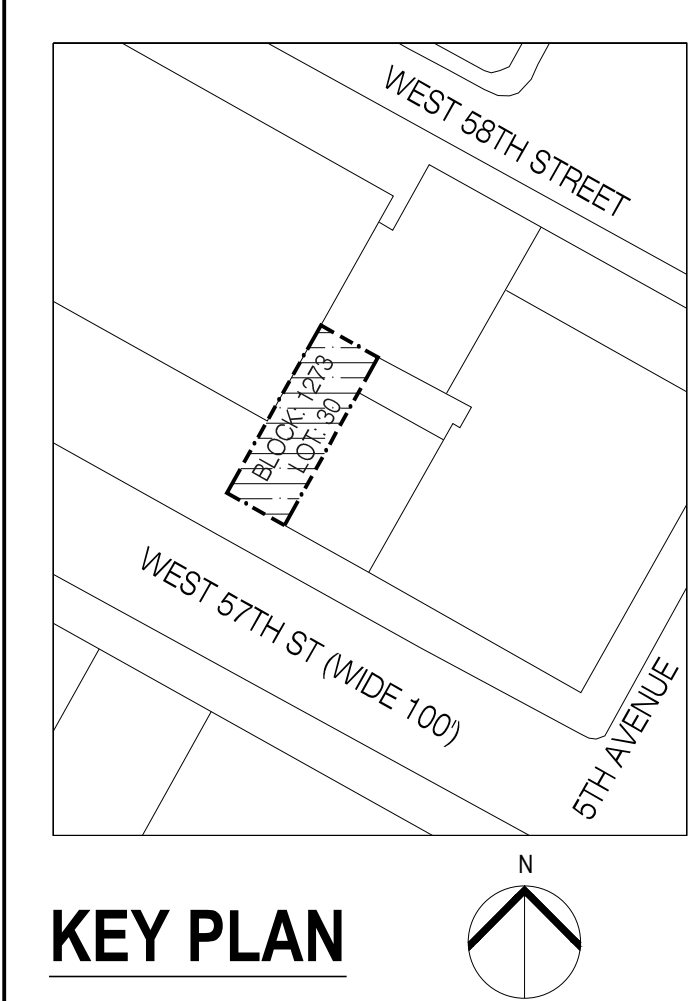
DWG TITLE:  
**FIRM MAP (G SERIES)**

SEAL & SIGNATURE:

DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: N/A  
**A-005.00**  
DWG NO.  
NB#12191441



DOOR SCHEDULE:										
TYPE:										
SIZE:	A 3'-0"x 7'-0"x 1 3/4"	B (1) 3'-0"x 8'-0"x 1 3/4" B1 (1) 3'-0"x 8'-10 3/4"x 1 3/4" B2 (2) 3'-0"x 8'-10 3/4"x 1 3/4" B3 (1) 3'-0"x 7'-0"x 1 3/4"	C 3'-0"x 8'-4 1/2"x 1 1/4" C1 3'-6"x 8'-4 1/2"x 1 1/4"	D 3'-0"x 7'-0"x 1 3/4"	D2 3'-4"x 7'-0"x 1 3/4"	E 3'-0"x 7'-0"x 1 3/4" E1 2'-4"x 7'-0"x 1 3/4" E2 2'-0"x 7'-0"x 1 3/4"	F (2) 2'-0" x 7'-0" x 1 3/4" F1 (2) 2'-3" x 7'-0" x 1 3/4" F2 (2) 2'-6" x 7'-0" x 1 3/4" F3 (2) 2'-3" x 7'-0" x 1 3/4" FOLDING DOOR	G (2) 2'-8" x 7'-0" x 1 3/4" G1 (2) 2'-8" x 7'-0" x 1 3/4"	H (2) 2'-6" x 7'-0" x 1 3/4" H1 (2) 2'-6" x 8'-0" x 1 3/4"	J (1) 3'-0" x 8'-0" x 1 3/4" J1 (1) 3'-0" x 8'-0" x 1 3/4" J2 (1) 3'-0" x 8'-0" x 1 3/4" J3 (1) 3'-0" x 8'-10 3/4" x 1 3/4" J4 (2) 3'-0" x 2'-6" x 8'-0" x 1 3/4" J5 (1) 3'-0" x 8'-0" x 1 3/4" J6 (1) 3'-0" x 7'-0" x 1 3/4" J7 (1) 3'-0" x 8'-0" x 1 3/4" J8 (2) 3'-0" x 8'-0" x 1 3/4"
MATERIAL:	SOLID CORE WOOD	HOLLOW METAL	METAL @ TYPICAL FLOORS STAINLESS STEEL @ 1ST FLOOR	SOLID CORE WOOD	SOLID CORE WOOD	SOLID CORE WOOD	SOLID CORE WOOD	SOLID CORE WOOD	HOLLOW METAL	HOLLOW METAL
SADDLE:	STONE	STONE, U.O.N.	METAL @ TYPICAL FLOORS STAINLESS STEEL @ 1ST FLOOR	STONE, U.O.N.	STONE	NONE, U.O.N.	NONE, U.O.N.	STONE, U.O.N.	STONE	SEE REMARKS
BUCK:	METAL	METAL	METAL @ TYPICAL FLOORS STAINLESS STEEL @ 1ST FLOOR	WOOD	NONE	WOOD	WOOD	WOOD	METAL	METAL
LOCATION:	A PUBLIC CORRIDOR TO APARTMENT	B EGRESS STAIR B1 EGRESS STAIR @ 1FL B2 LOBBY TO RESIDENT'S LOUNGE @ 1FL B3 AMENITY FOYER TO ELEVATOR CORRIDOR @ CELLAR	RESIDENTIAL PASSENGER ELEVATOR (P.E. #1, P.E. #2)	D BATHROOMS	D2 BATHROOMS	E BEDROOMS, CLOSETS & WALK-IN CLOSETS E1 CLOSETS	F CLOSETS F3 FOLDING DOOR @ 19 FL	G WASHER/DRYER CLOSET	H ELECTRIC CLOSET H1 ELECTRIC CLOSET @ 3FL	J MECH./ELEC./STORAGE/SUPERS OFF/JAN. CLST./RETAIL TOILET J1 B.O.H. CORRIDOR/ELECTOR PIT J2 COMPACTOR ROOM J3 BICYCLE ROOM J4 LOBBY J5 REFUSE ROOM J6 MECHANICAL ROOM @ ROOF J7 ELEVATOR ROOM @ 2ND FL J8 STORAGE @ 1F & RETAIL
HARDWARE SET:	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	BY ELEVATOR CONTRACTOR	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS
REMARKS:	FLUSH PANEL F.P.S.C. 1 1/2 HR. TEST WELDED BUCK NO LOCKING DEVICES EITHER SIDE U.O.N. SELF-CLOSING ENGRAVED ESCUTCHEON PROVIDE FULLY MORTISED AUTOMATIC DOOR BOTTOM SEAL PEMKO 464 RL PROVIDE COMPRESSIBLE SEALS, PEMKO 558 AROUND HEAD AND JAMBS OR EQUAL. NOTE: SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	FLUSH PANEL F.P.S.C. 1 1/2 HR. TEST WELDED BUCK NO LOCKING DEVICES EITHER SIDE U.O.N. STONE SADDLE WITH CARD READER @ 48" A.F.F. AT ONE SIDE	FLUSH PANEL F.P. 1 1/2 HR. TEST SINGLE SPEED SIDE DOOR NOTE: SEE ELEVATOR DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION.	FLUSH PANEL KNOCK DOWN FRAME UNDERCUT DOOR 1/4" ABOVE TOP OF STONE SADDLE PROVIDE MORTISED HINGE AND LATCH BLANKS TO ALLOW FOR FUTURE REVERSAL OF DOOR SWING AS INDICATED ON PLANS NOTE: SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	FLUSH PANEL SLIDING DOOR UNDERCUT DOOR 1/4" ABOVE TOP OF STONE SADDLE UNDERCUT DOOR 1/4" ABOVE FINISH FLOOR PROVIDE MORTISED HINGE AND LATCH BLANKS TO ALLOW FOR FUTURE REVERSAL OF DOOR SWING AS INDICATED ON PLANS NOTE: SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	FLUSH PANEL KNOCK DOWN FRAME UNDERCUT DOOR 1/4" ABOVE FINISHED FLOOR PROVIDE MORTISED HINGE AND LATCH BLANKS TO ALLOW FOR FUTURE REVERSAL OF DOOR SWING AS INDICATED ON PLANS NOTE: SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	FLUSH PANEL UNDERCUT DOOR 1/4" ABOVE FINISHED FLOOR NOTE: SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	FLUSH PANEL UNDERCUT DOOR 1" ABOVE NOTE: SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	FLUSH PANEL F.P.S.C. 1 1/2 HR. TEST WELDED BUCK SELF-CLOSING DEVICES ON ALL DOORS W/ 1 1/2 HR. RATED ASTRAGAL NOTE: SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	FLUSH PANEL F.P.S.C. 1 1/2 HR. TEST WELDED BUCK ALUM. SADDLE WHERE FACING PUBLIC CORRIDOR, TYP. U.O.N. STONE SADDLE WHERE FACING PUBLIC CORRIDOR/ELEVATOR ALCOVE, TYP. U.O.N. DOOR IN COMPACTOR ROOM TO BE 16 GAUGE STEEL SELF-CLOSING WITH RICK PLATE PROVIDE SELF-CLOSING DEVICE FOR ANY DOORS OPENING INTO PUBLIC CORRIDOR. PROVIDE 1 1/2 HR. RATED ASTRAGAL WHERE DOUBLE DOORS ARE INDICATED. ELEVATOR MACHINE ROOM DOORS TO BE SELF-CLOSING AND SELF-LOCKING PROVIDE WITH A SPRING-TYPE LOCK ARRANGED TO PERMIT THE DOORS TO BE OPENED FROM THE INSIDE WITHOUT KEY. AUTOMATIC DOOR OPENER AND OCCUPANCY SENSOR WITH CARD READER 48" A.F.F. NOTE: SEE ELEVATOR DRAWINGS AND SPECIFICATIONS FOR FURTHER INFORMATION.



**KEY PLAN**

**NOTES:**

2014 NYC BC Section 1008.1.10  
Elevator rooms with equipment shall be constructed with 2.00 hr. fire-resistance-rated walls and doors shall be constructed with 1.50 hr. fire-resistance-rated doors. The doors shall swing in the direction of egress travel.  
Elevator machine rooms shall be constructed with 2.00 hr. fire-resistance-rated walls and doors shall be constructed with 1.50 hr. fire-resistance-rated doors. The doors shall swing in the direction of egress travel.  
Elevator shaft enclosures shall be constructed with 2.00 hr. fire-resistance-rated walls and doors shall be constructed with 1.50 hr. fire-resistance-rated doors. The doors shall swing in the direction of egress travel.

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	90% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project:  
7 WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**MDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

TYPE:									
SIZE:	K1 3'-0"x 7'-0"x 1 3/4"	L (1) 3'-0"x 7'-0"x 1 3/4"	M (1) 3'-0"x 7'-0"x 1 3/4" M1 (1) 3'-0"x 8'-0"x 1 3/4"	N (1) 3'-0"x 8'-8" (1 1/4" PATCH FITTING) N1 (2) 3'-0"x 8'-8" (1 1/4" PATCH FITTING)	O (1) 3'-0"x 7'-0"x 1 3/4"	P (1) 3'-0"x 7'-0"x 1 3/4" P1 (1) 3'-0"x 7'-0"x 1 3/4" P2 (2) 3'-0"x 7'-0"x 1 3/4"	Q (1) 3'-0"x 8'-6" x 1 3/4" Q1 (2) 3'-0"x 8'-6" x 1 3/4"	R (1) 3'-0"x 6'-6" x 1 3/4" R1 (1) 2'-6" x 6'-6" x 1 3/4"	S (1) 3'-0"x 7'-0"x 1 3/4"
MATERIAL:	SOLID CORE WOOD	HOLLOW METAL	HOLLOW METAL	GLASS	GLASS	PAINT GRADE SOLID WOOD DOOR	Q LOUVER RATED DOOR Q1 SOLID CORE WOOD W/ LAMINATED MIRROR FACE	HOLLOW METAL	SOLID CORE WOOD
SADDLE:	STONE	GALVANIZED STEEL	GALVANIZED STEEL	STONE	STONE	STONE	STONE, U.O.N.	STONE	N/A
BUCK:	METAL	METAL	METAL	FRAMELESS	METAL	METAL	METAL	METAL	N/A
LOCATION:	K1 KID'S PLAYROOM BATHROOM	L E.M.R. TO MAIN ROOF L1 STAIR TO MAIN ROOF	M EGRESS STAIR TO MAIN ROOF M1 EGRESS STAIR TO 8F ROOF	N POOL TO AMENITY FOYER AMENITY CORRIDOR TO KID'S ROOM N1 POOL TO AMENITY FOYER GYM TO AMENITY CORRIDOR	O STEAM/SAUNA ROOM TO AMENITY CORRIDOR	P SCREEN RM TO AMENITY FOYER P1 AMENITY BATHROOM TO AMENITY CORRIDOR P2 CLOSET @ AMENITY CORRIDOR (FRAMELESS)	Q POOL EQUIPMENT RM TO POOL Q1 STORAGE CLOSET @ POOL	R AMENITY BATHROOM W.C. (ADA) R1 AMENITY BATHROOM W.C.	S CLOSET @ SCREEN RM
HARDWARE SET:	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS	SEE PLANS AND SPECIFICATIONS
REMARKS:	FLUSH PANEL F.P.S.C. 1 1/2 HR. TEST WELDED BUCK SELF-CLOSING	FLUSH PANEL SELF-CLOSING WELDED BUCK	FLUSH PANEL SELF-CLOSING WELDED BUCK	MAGNETIC LOCK (FAIL SAFE) SELF-CLOSING WELDED BUCK WHERE APPLIES	MAGNETIC LOCK (FAIL SAFE) DOUBLE-ACTING SELF-CLOSING WELDED BUCK	FLUSH PANEL WELDED BUCK (P & P1) P1 SELF-CLOSING	FLUSH PANEL WELDED BUCK Q SELF-CLOSING DOOR LOUVER PROVIDE MIN. 13.5SF FREE AREA Q1 NO SADDLE	OFFSET PIVOT WITH 6" UNDERCUT	TOP & BOTTOM OFFSET PIVOT HINGE
NOTE:	SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.	SEE INTERIOR DESIGN (ID) DRAWINGS FOR FURTHER INFORMATION.

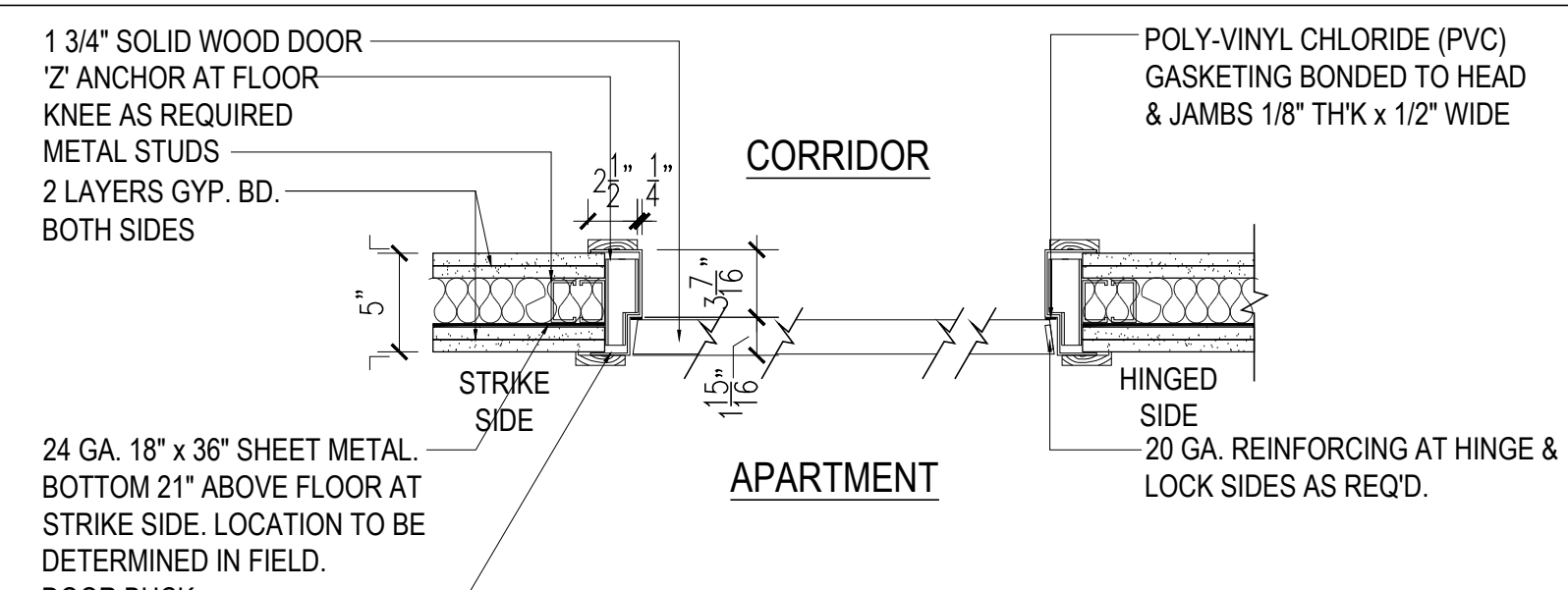
DOB STAMPS & SIGNATURES:

DWG TITLE:  
**DOOR SCHEDULE**

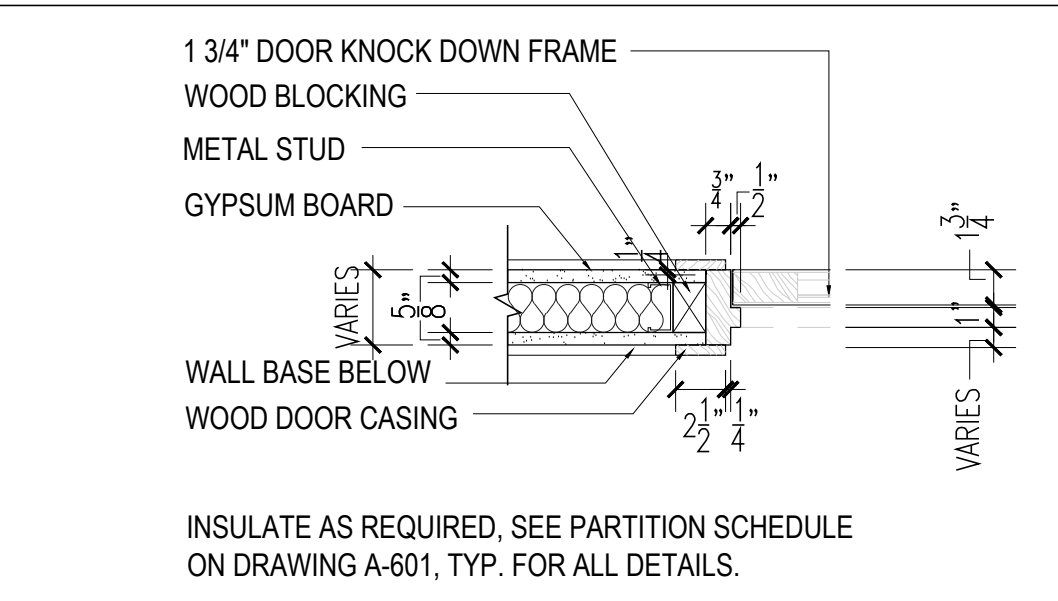
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DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: N.T.S.  
A-007.00  
DWG NO.

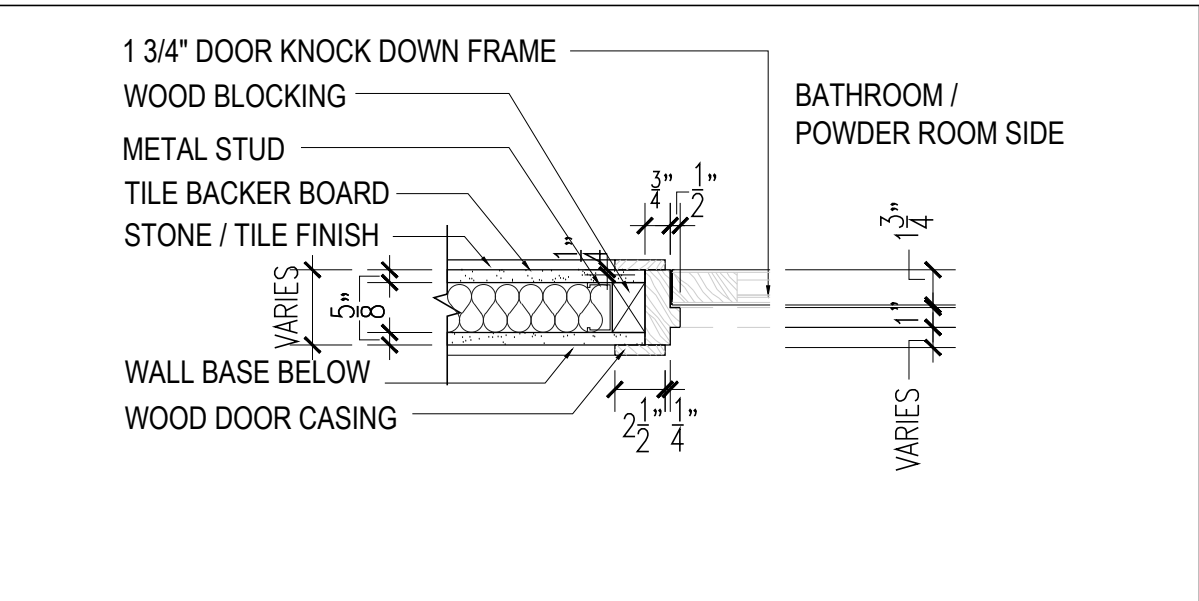
# JAMB DETAILS



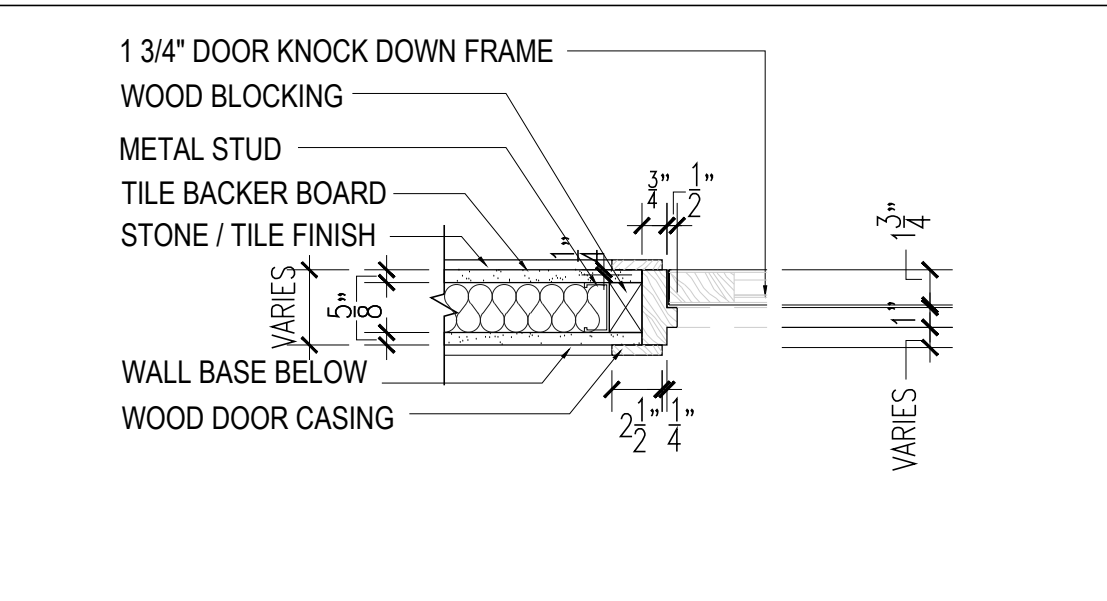
**1 HORIZONTAL SECTION THRU APARTMENT ENTRANCE DOORS**  
BUCK PROFILE TYPICAL AT ALL DOORS IN PUBLIC CORRIDORS AT APARTMENT LEVELS



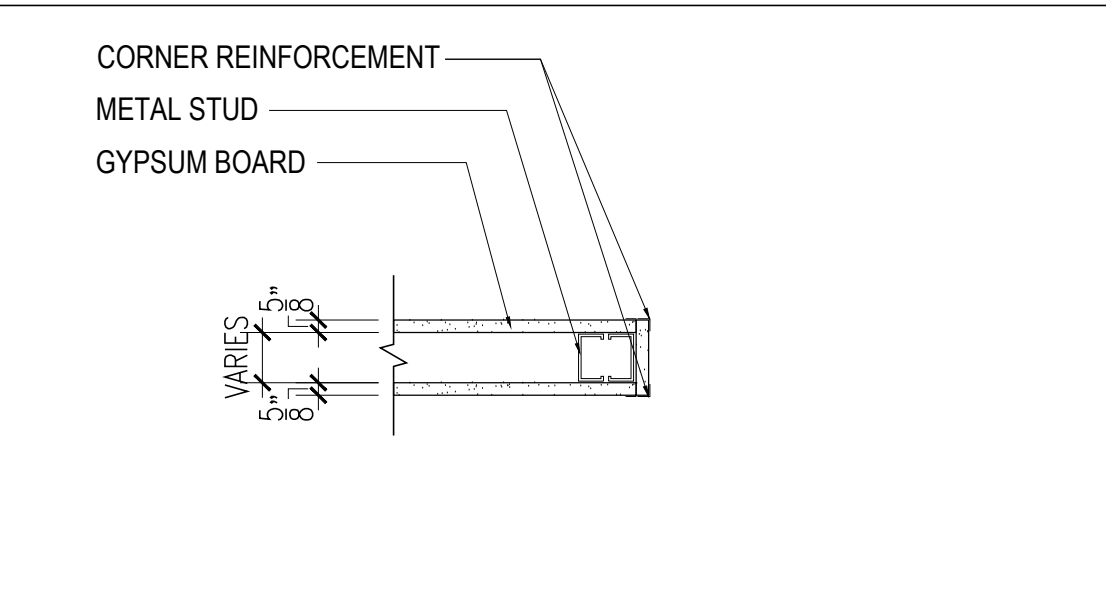
**2 WOOD BUCK @ GYPSUM BOARD PARTITIONS**



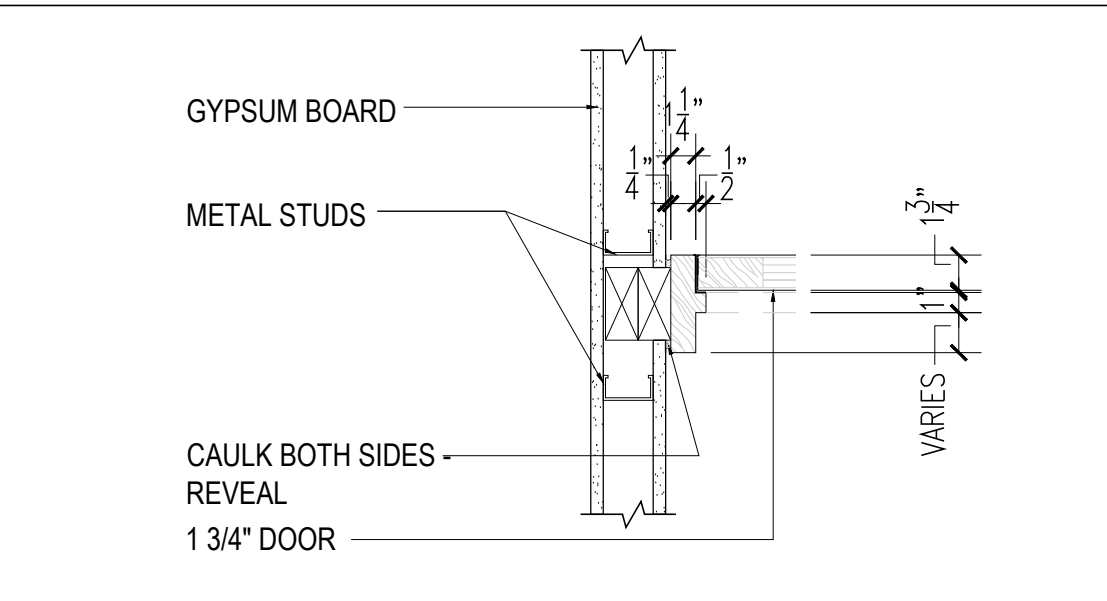
**3 WOOD BUCK @ GYPSUM BOARD PARTITIONS @ BATHROOMS AND POWDER ROOMS**  
(AT LOCATIONS WHERE TILE IS PROVIDED ON PARTITION ADJACENT TO A DOOR)



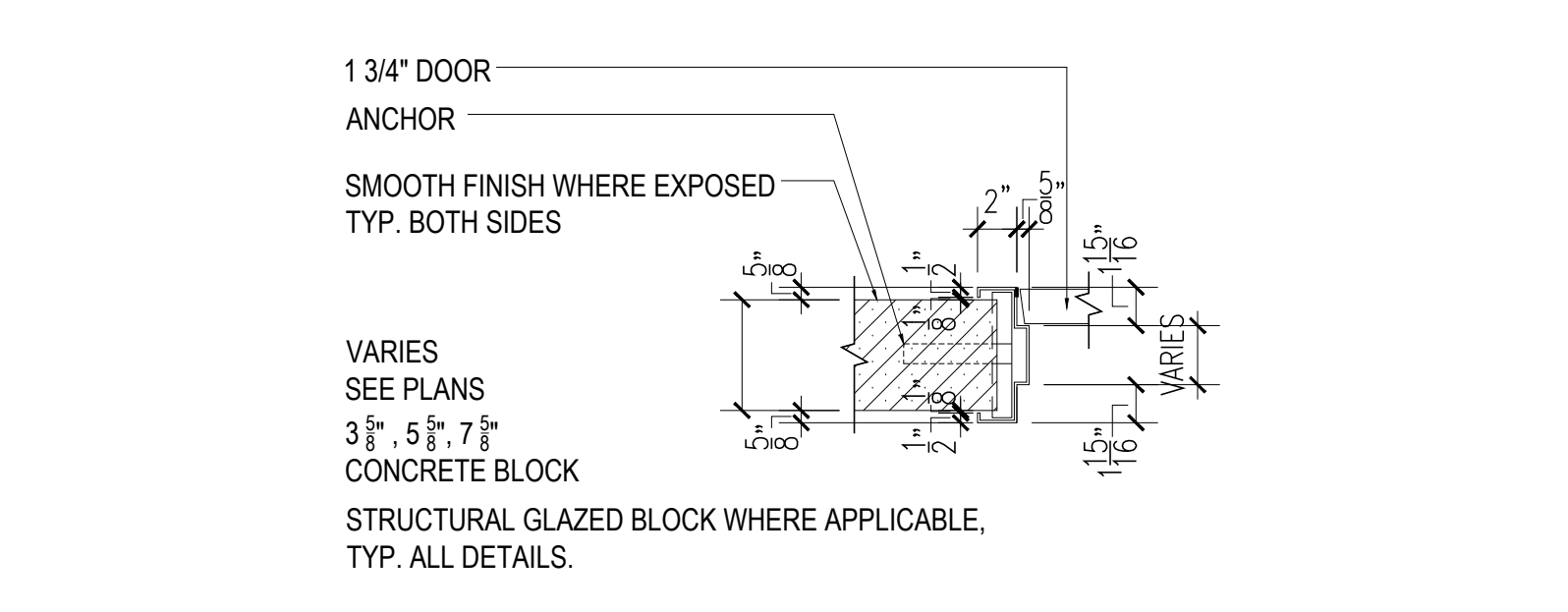
**4 WOOD BUCK @ GYPSUM BOARD PARTITIONS**



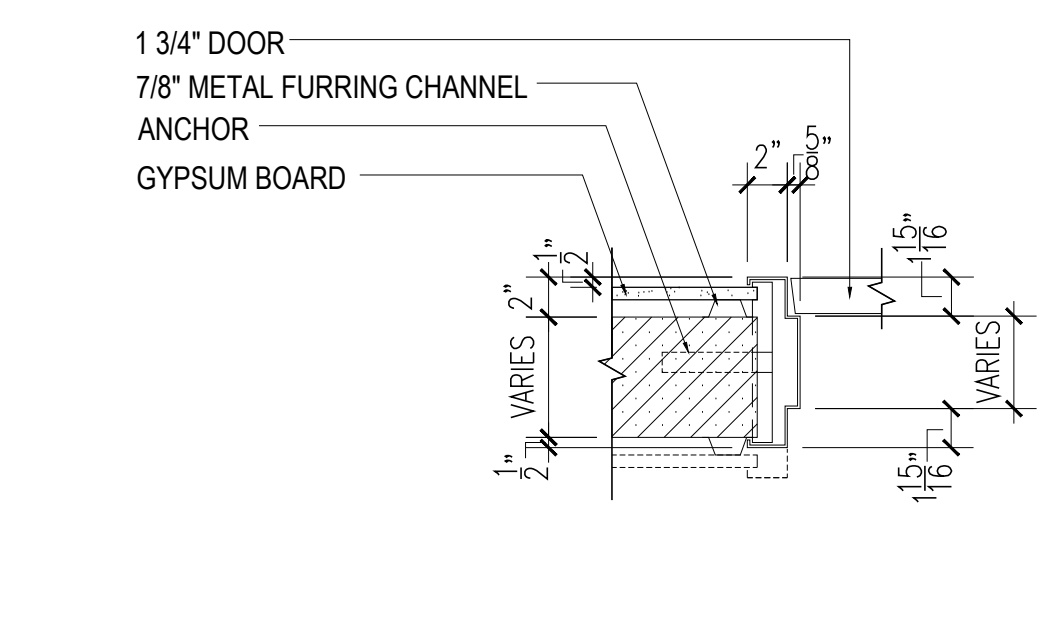
**5 PARTITION TERMINAL**



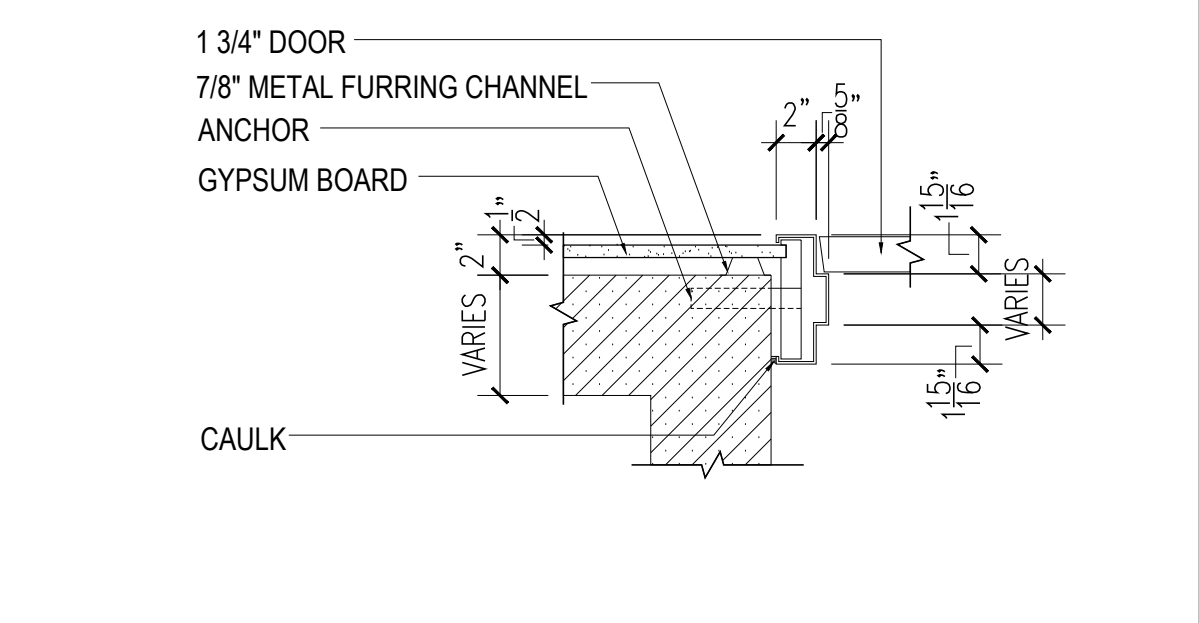
**6 BUTT WOOD JAMB @ GYPSUM BOARD PARTITION**



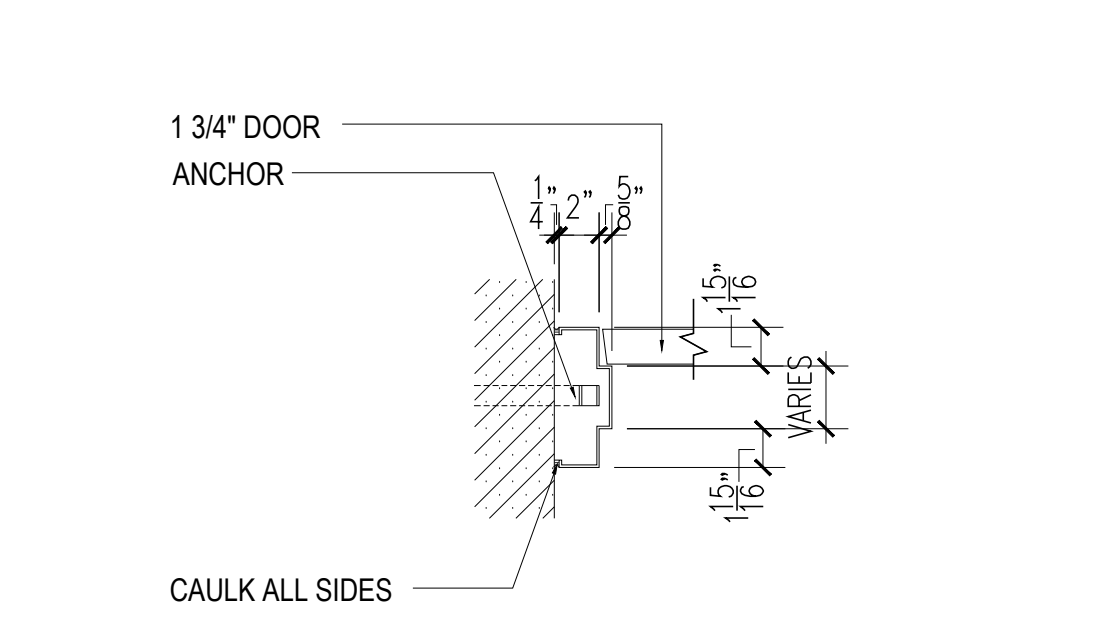
**7 METAL BUCK @ MASONRY WALL**



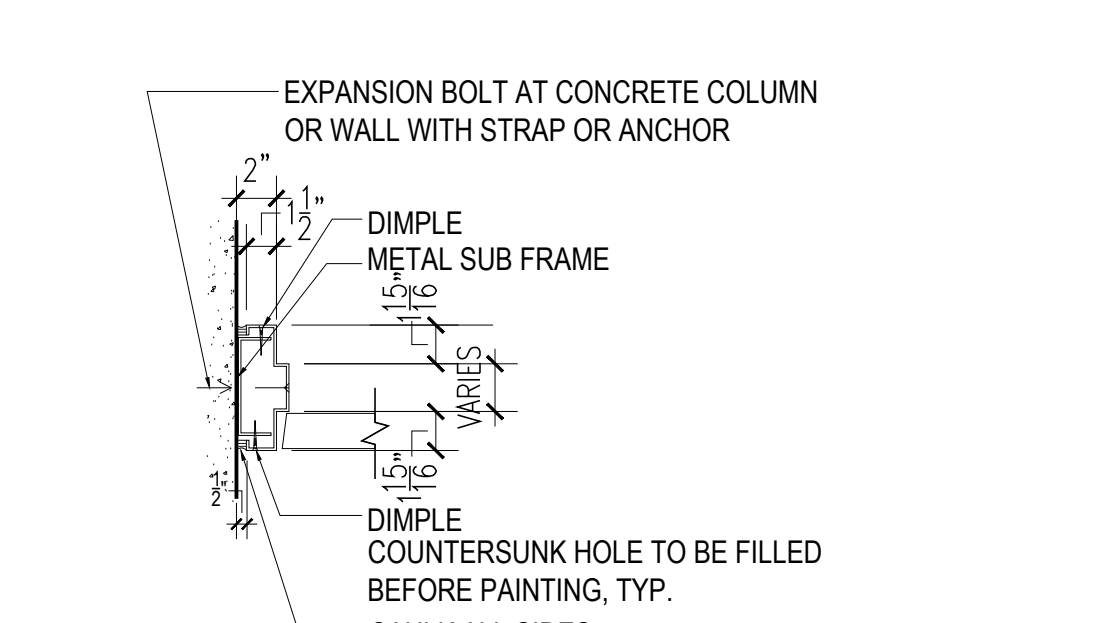
**8 METAL BUCK @ MASONRY WALL**



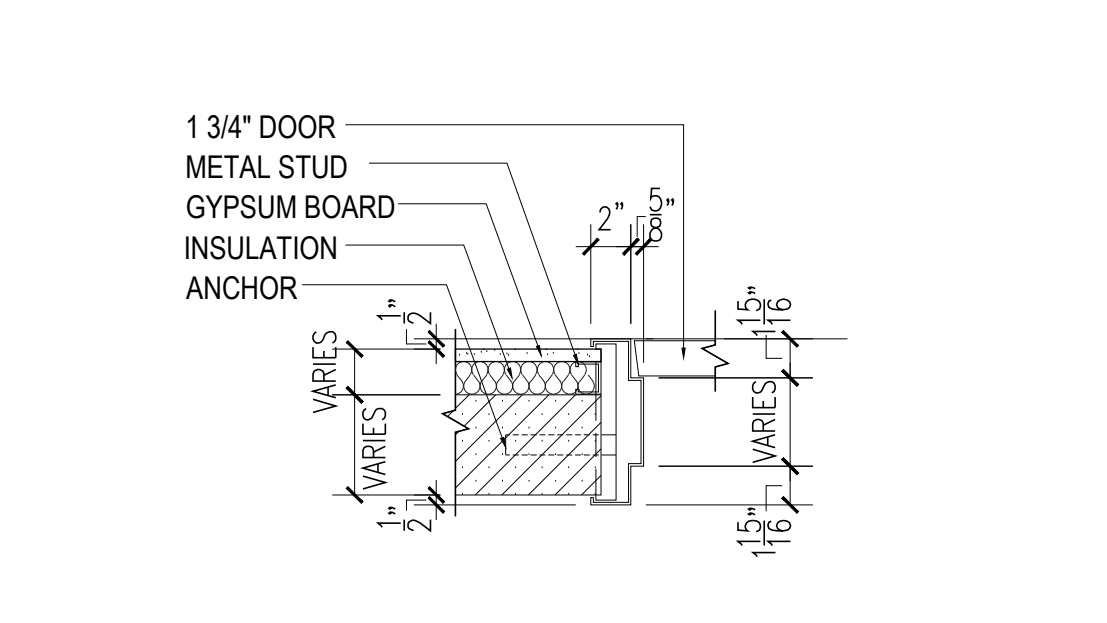
**9 METAL BUCK @ MASONRY WALL**



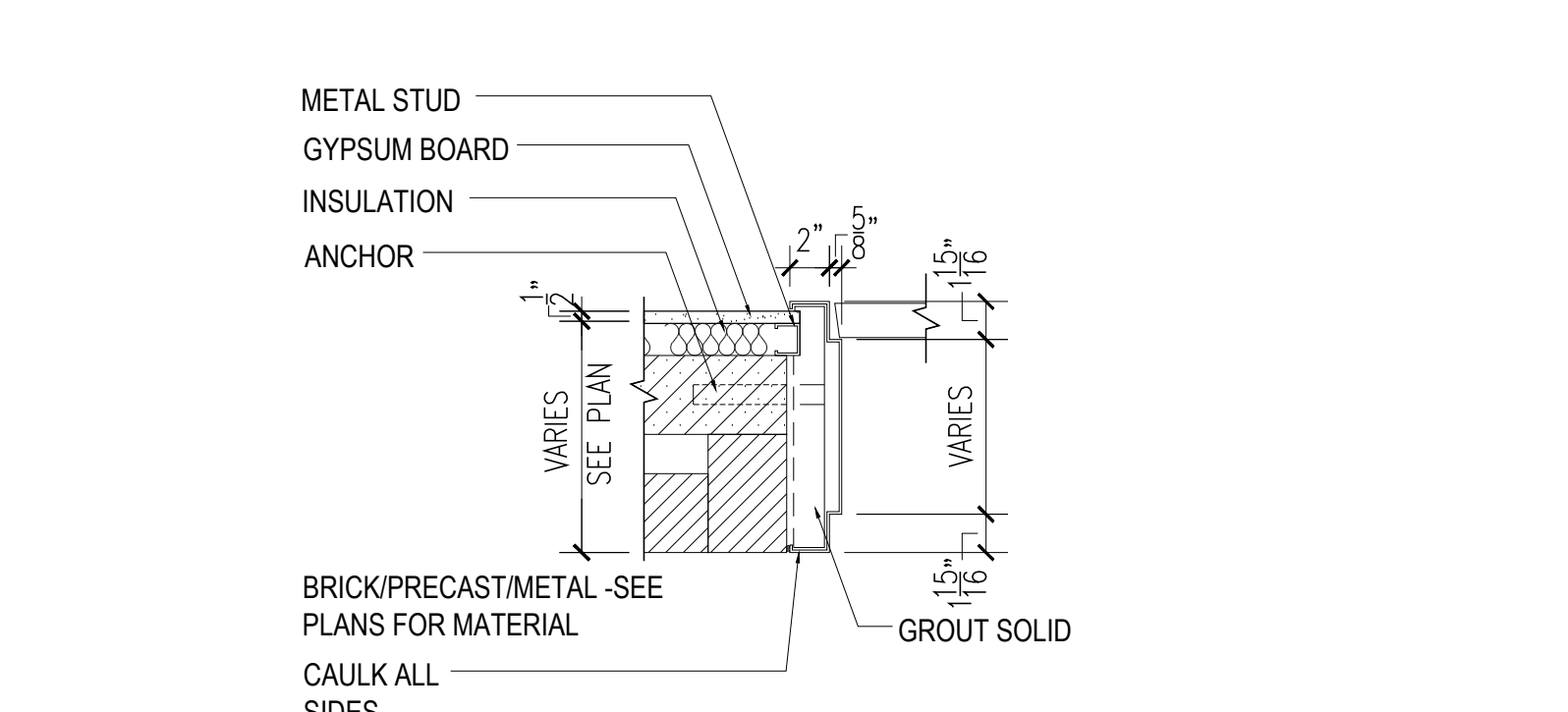
**10 BUTT METAL JAMB @ CONC. BLOCK**



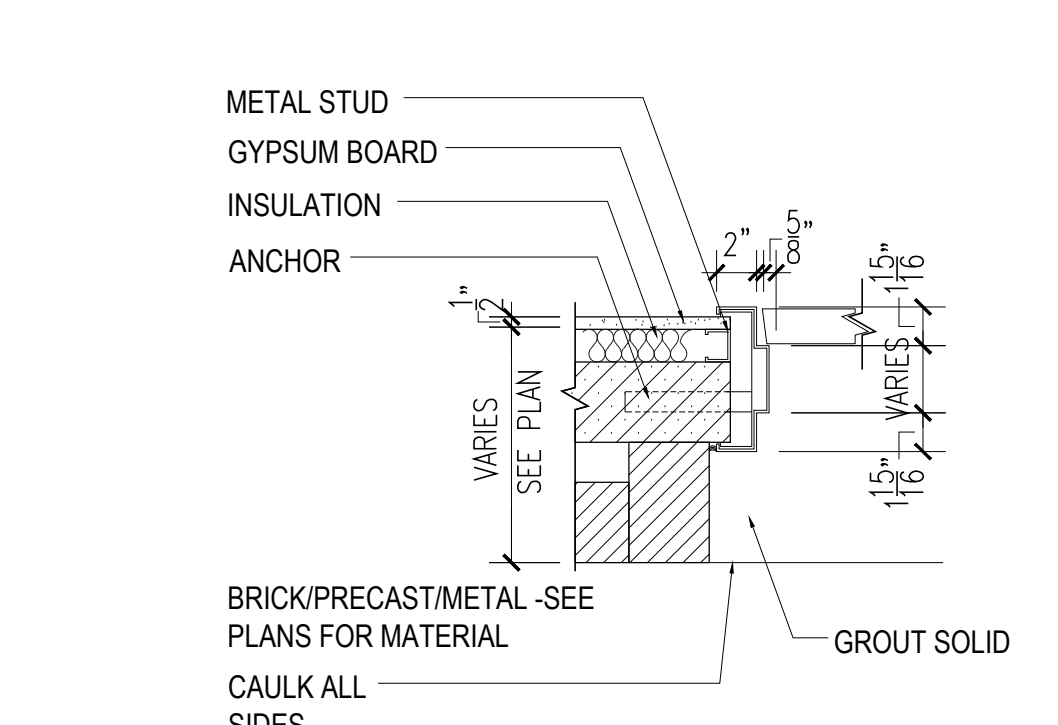
**11 BUTT METAL JAMB @ CONCRETE WALL**



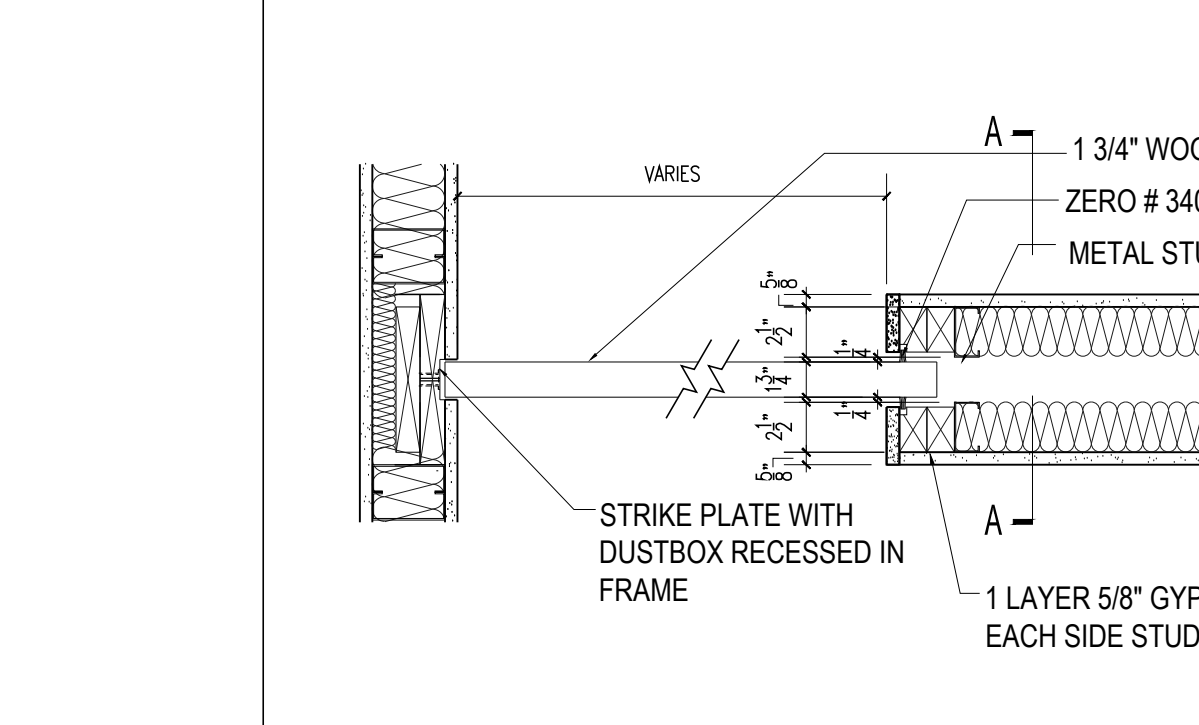
**12 INSULATED PARTITION**



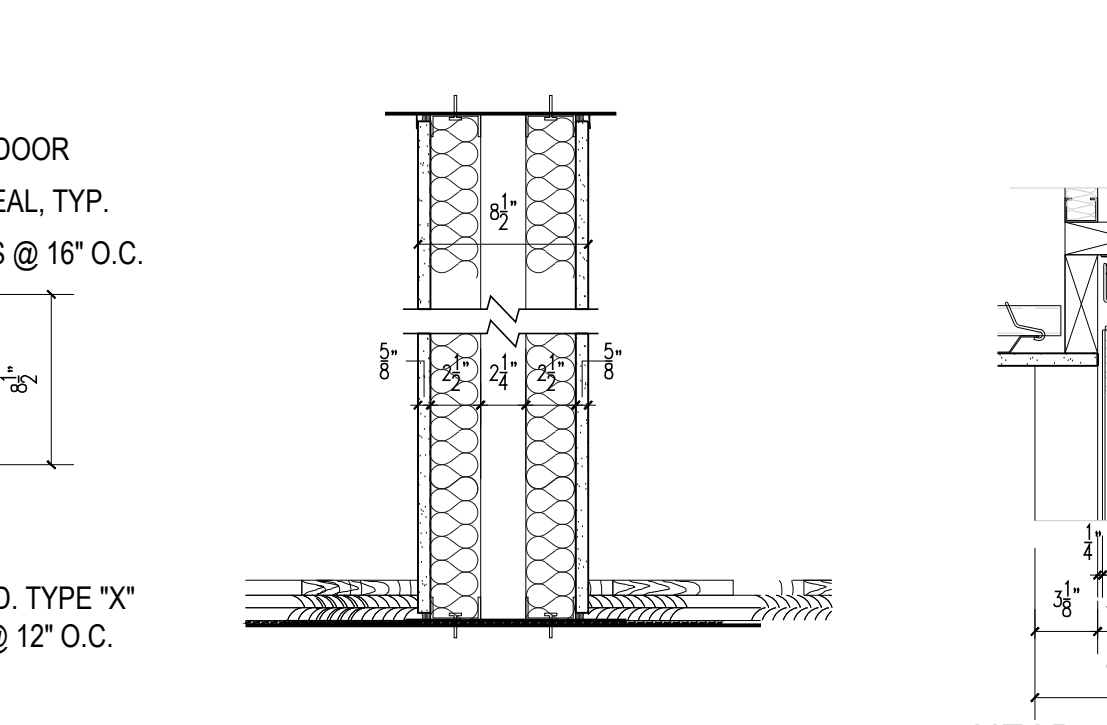
**13 JAMB ALONG FACADE**



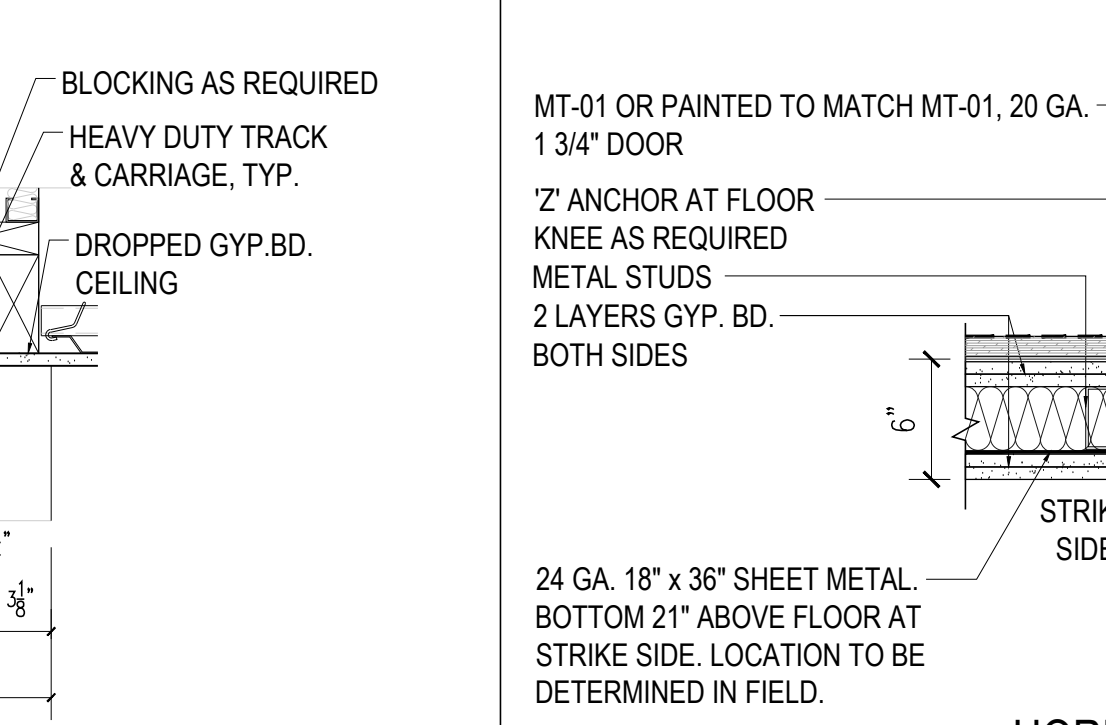
**14 JAMB**



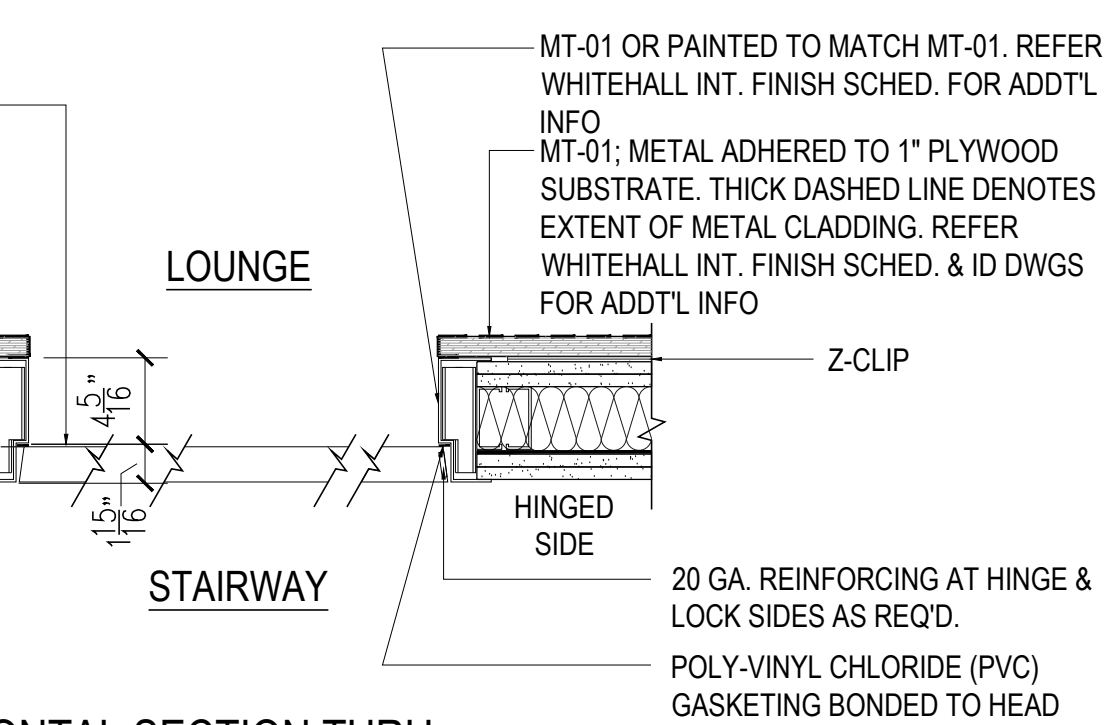
**15 OMIT**



**16A JAMB POCKET DOOR RETAIL**

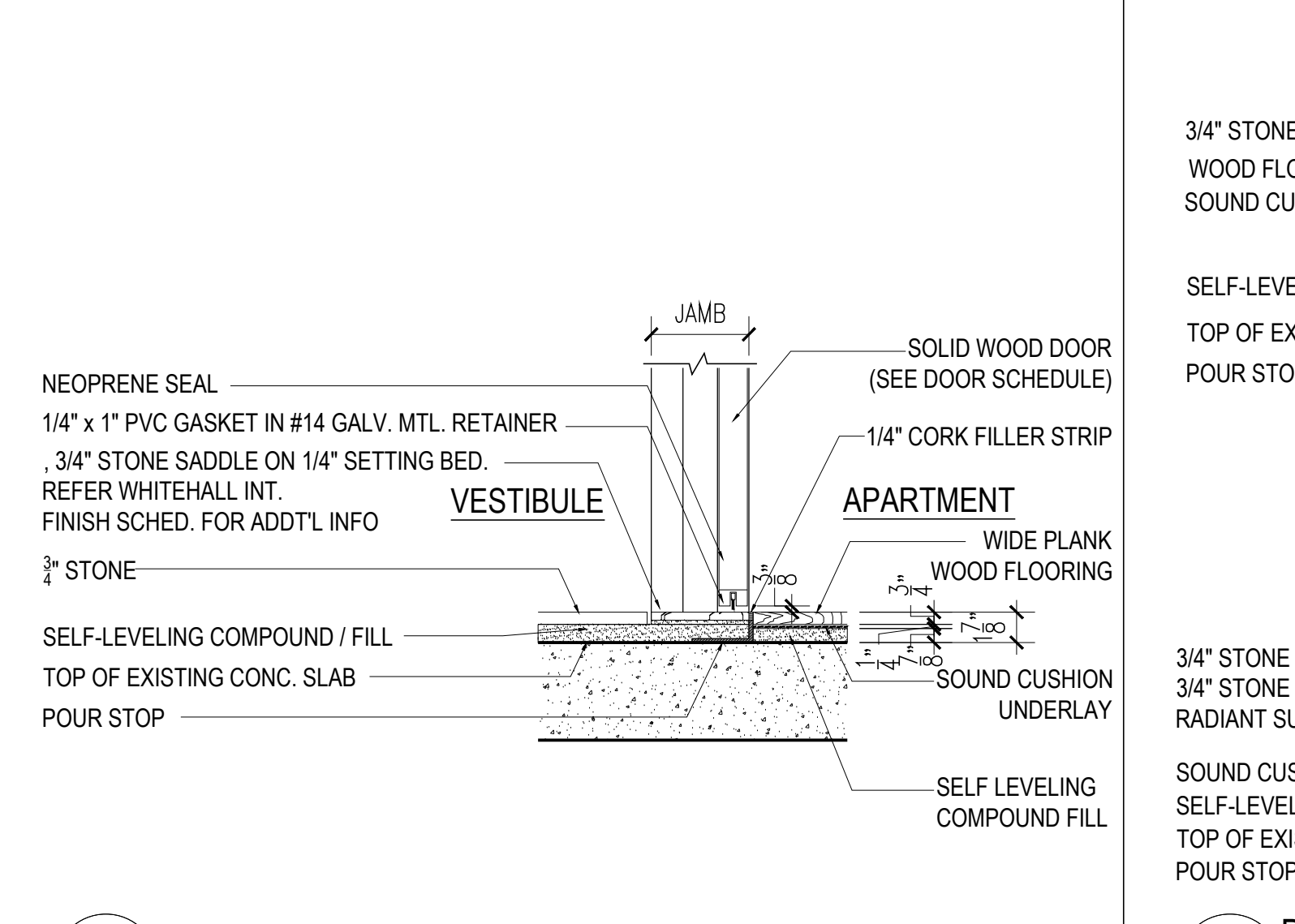


**16B SECTION A-A**

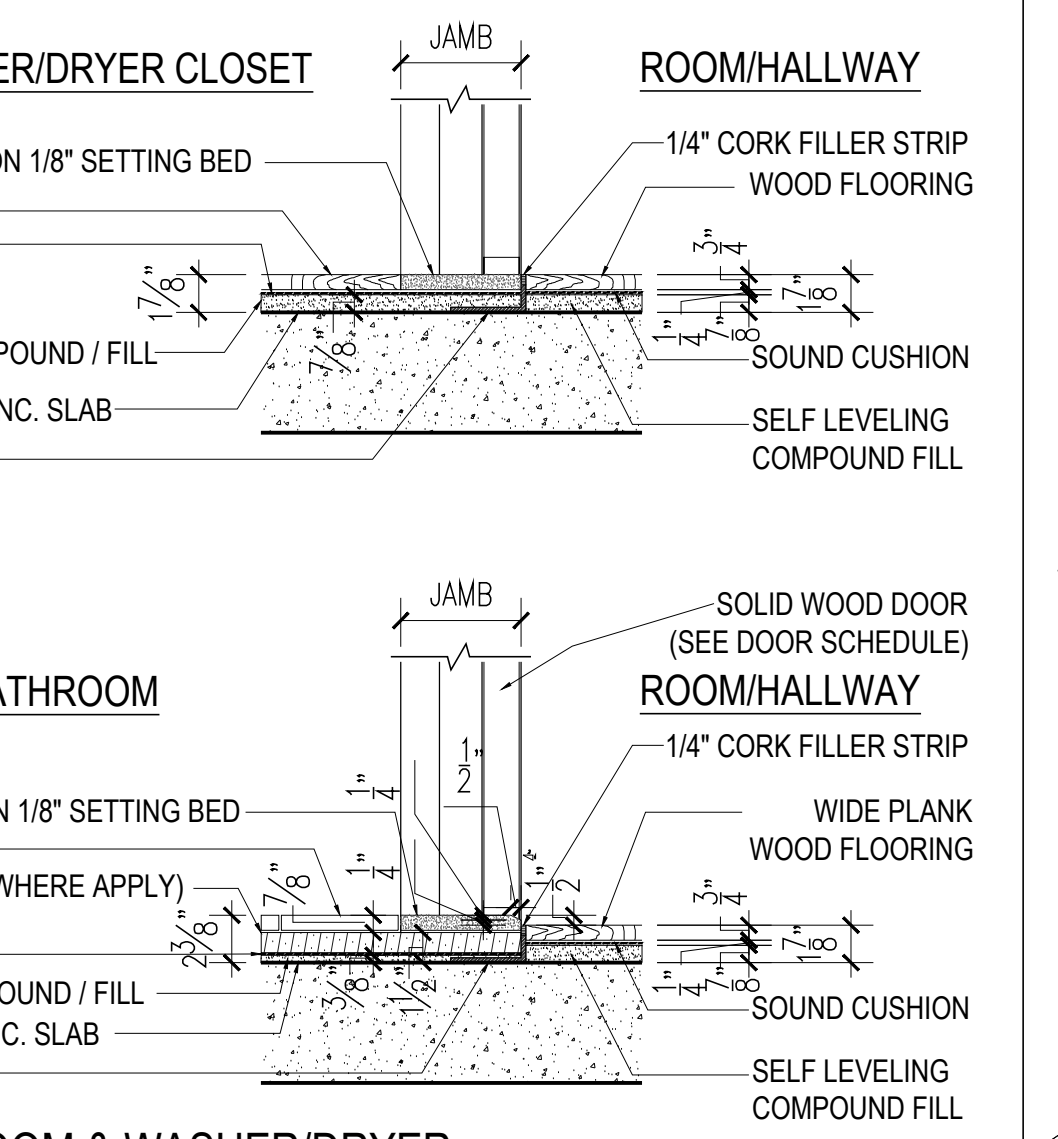


**16C HEAD POCKET DOOR DETAIL**

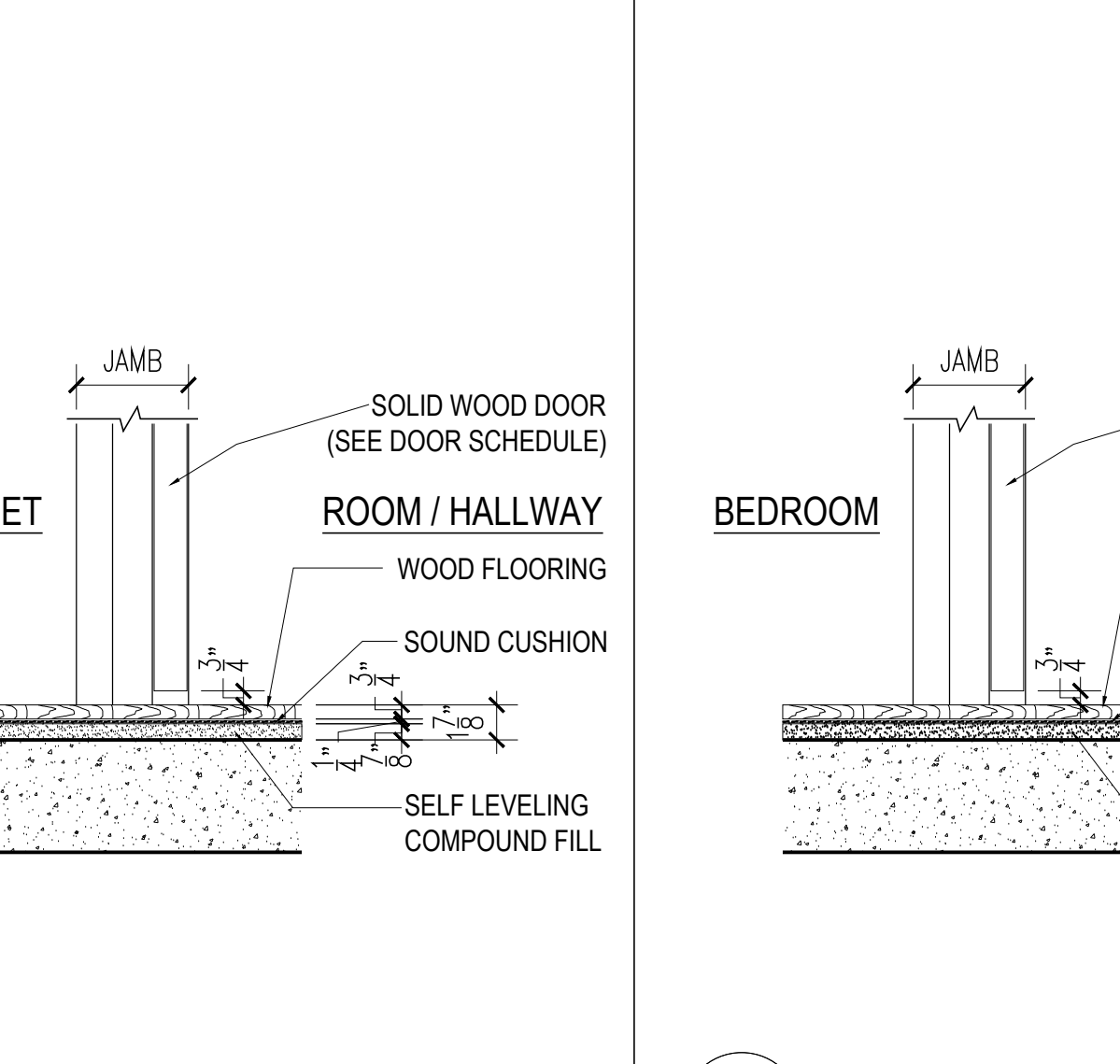
# SADDLE/THRESHOLD DETAILS



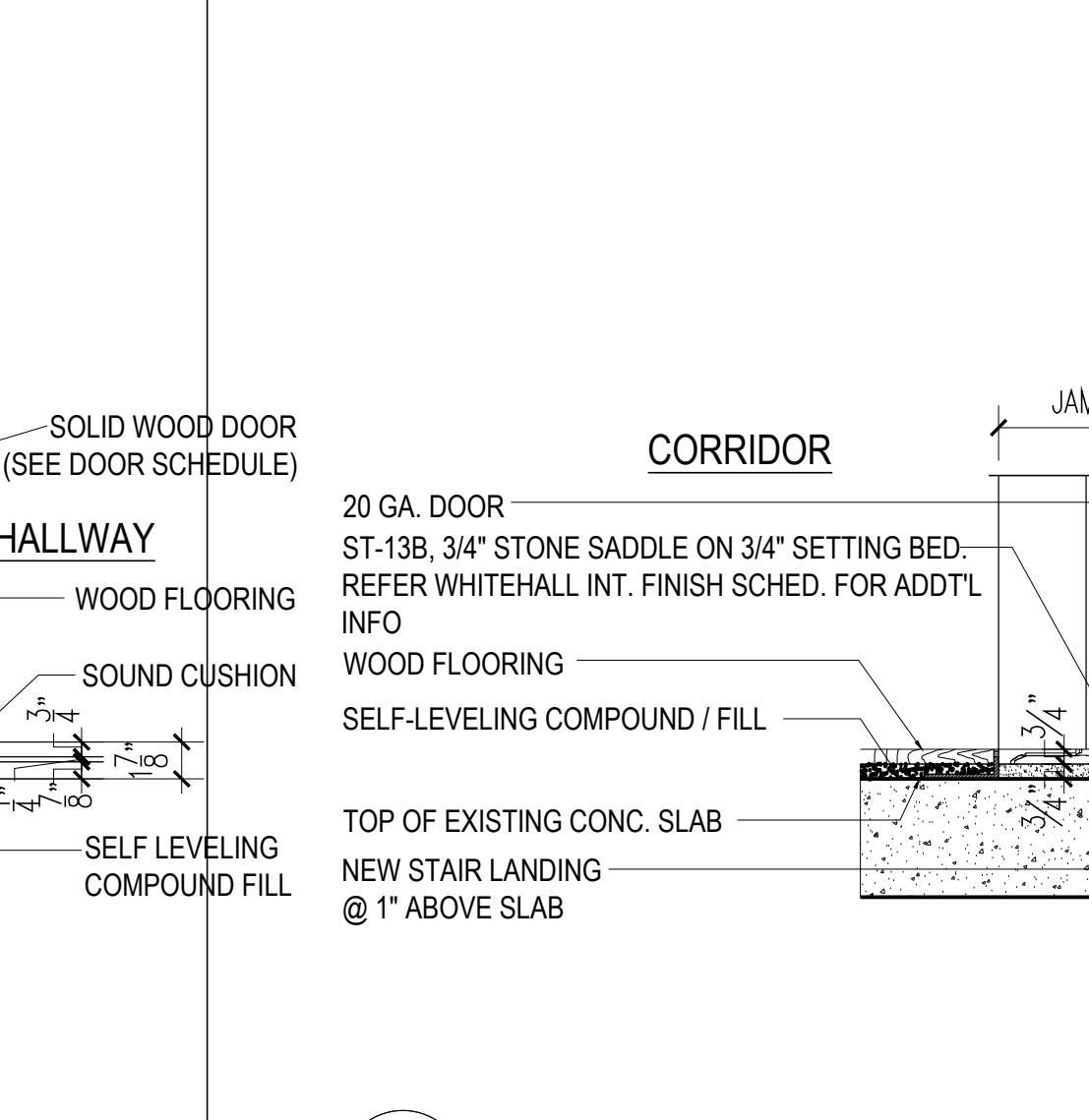
**1 APARTMENT ENTRANCE**



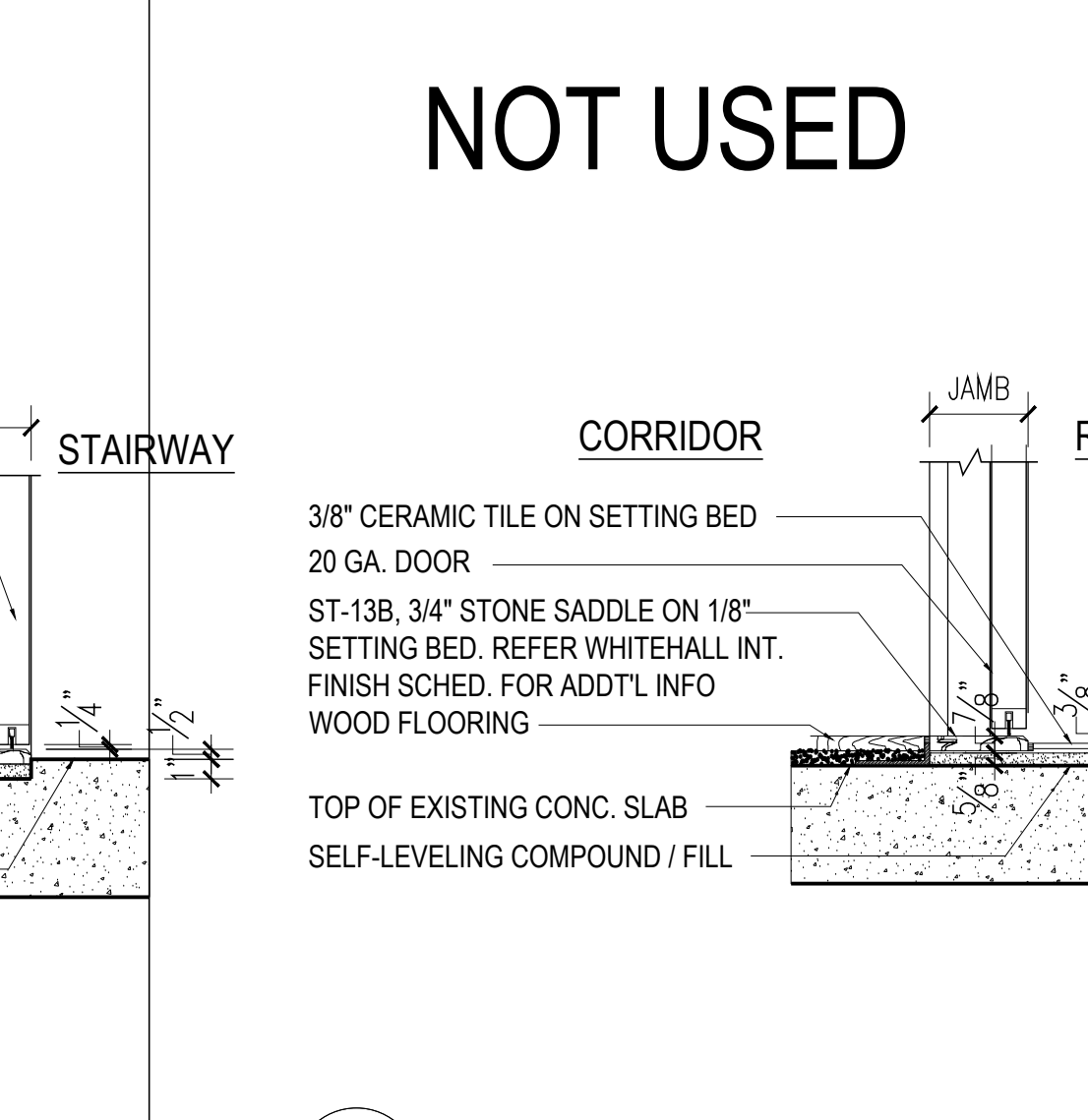
**2 BATHROOM & WASHER/DRYER**



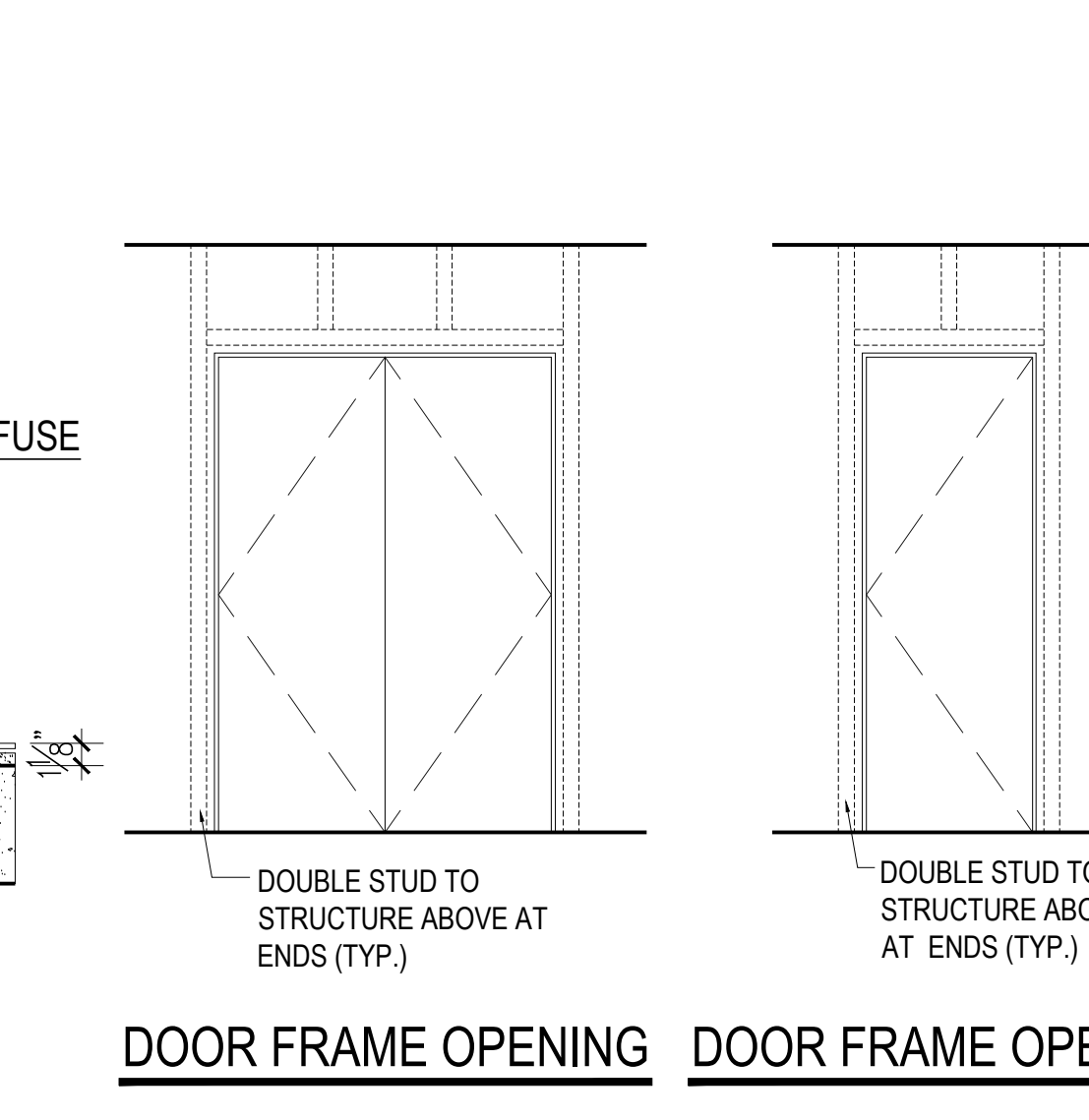
**3 CLOSETS**



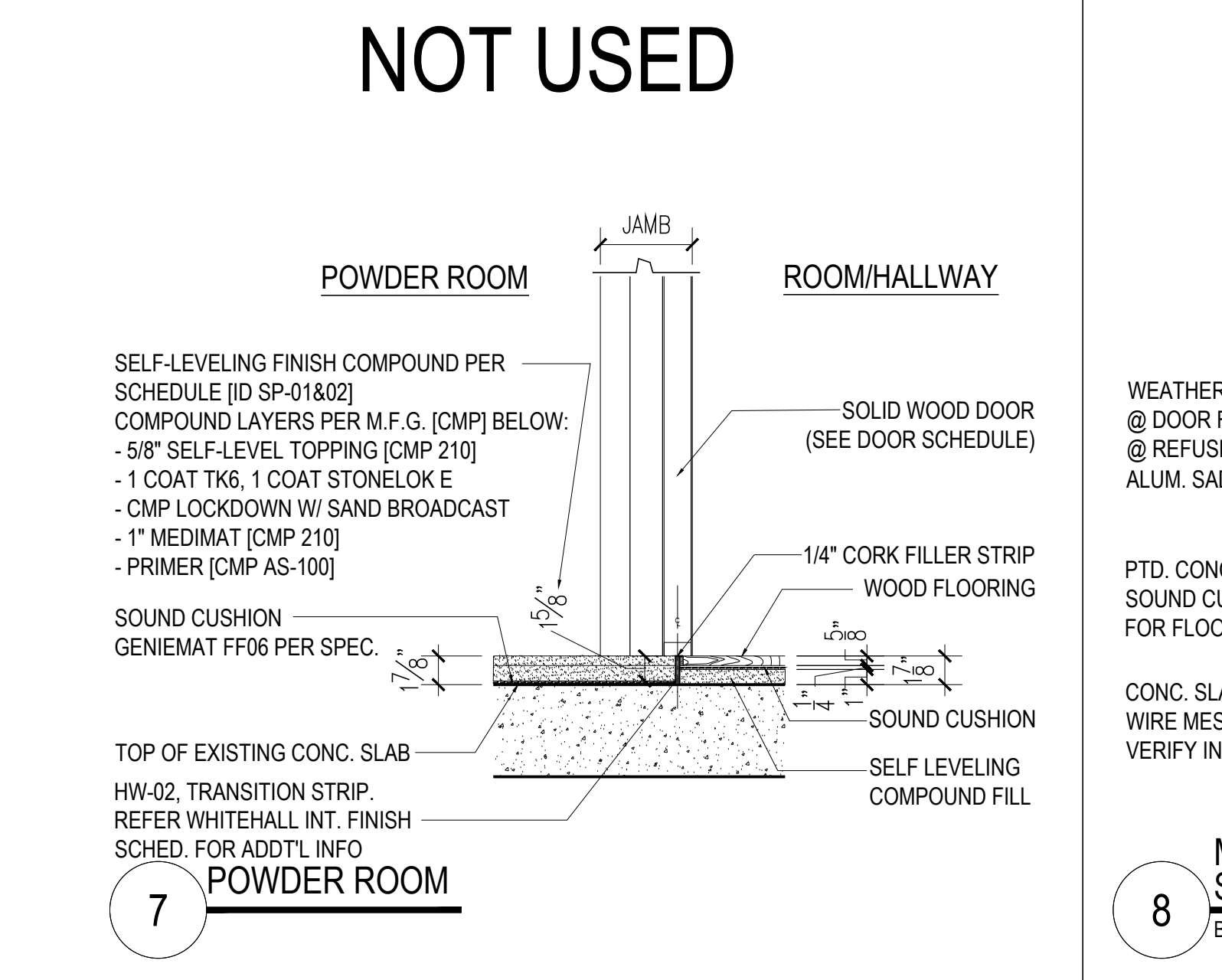
**4 APARTMENT ROOMS**



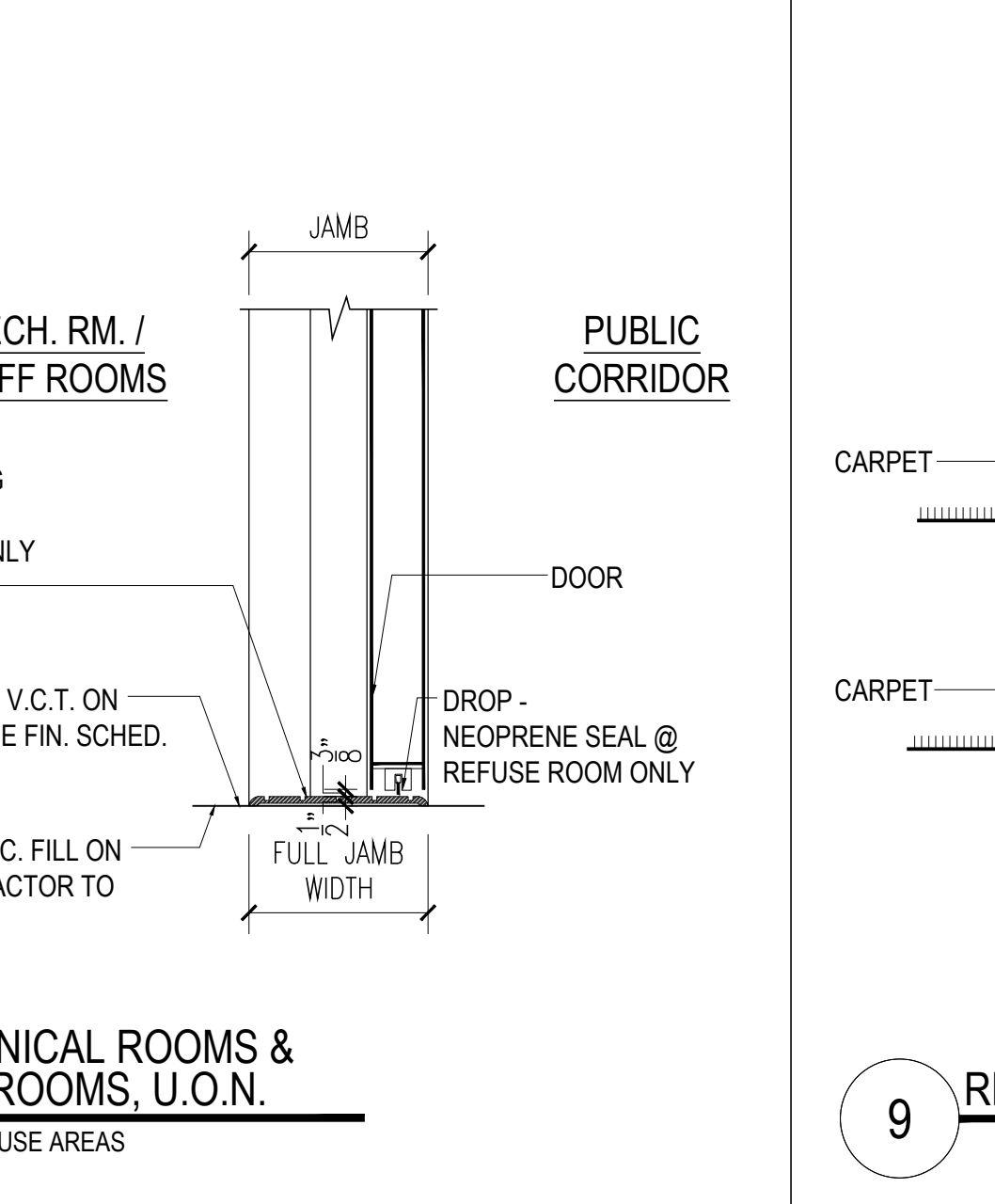
**5 STAIRWAY / PUBLIC CORRIDOR**



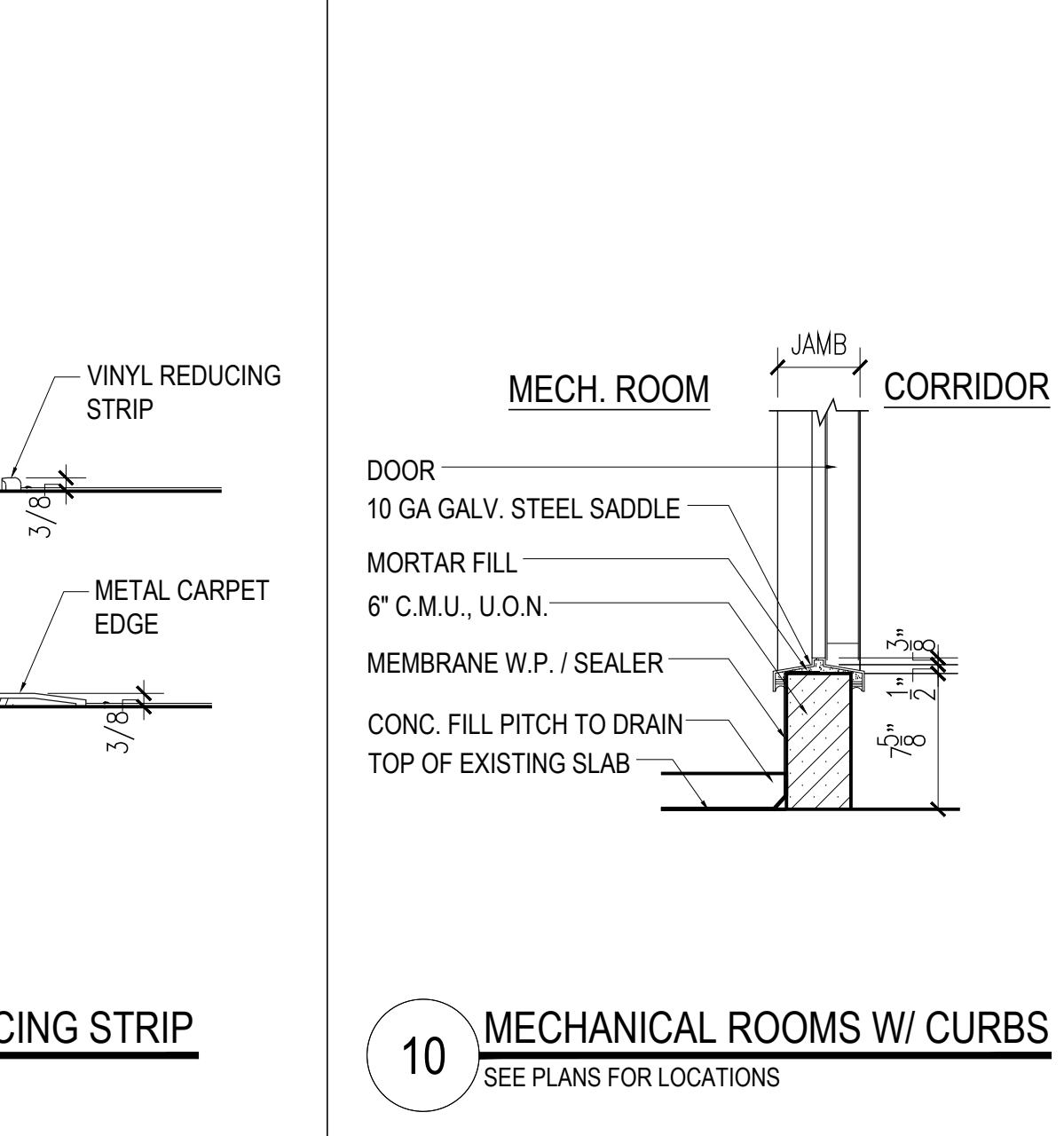
**6 PUBLIC CORRIDOR/REFUSE ROOM**



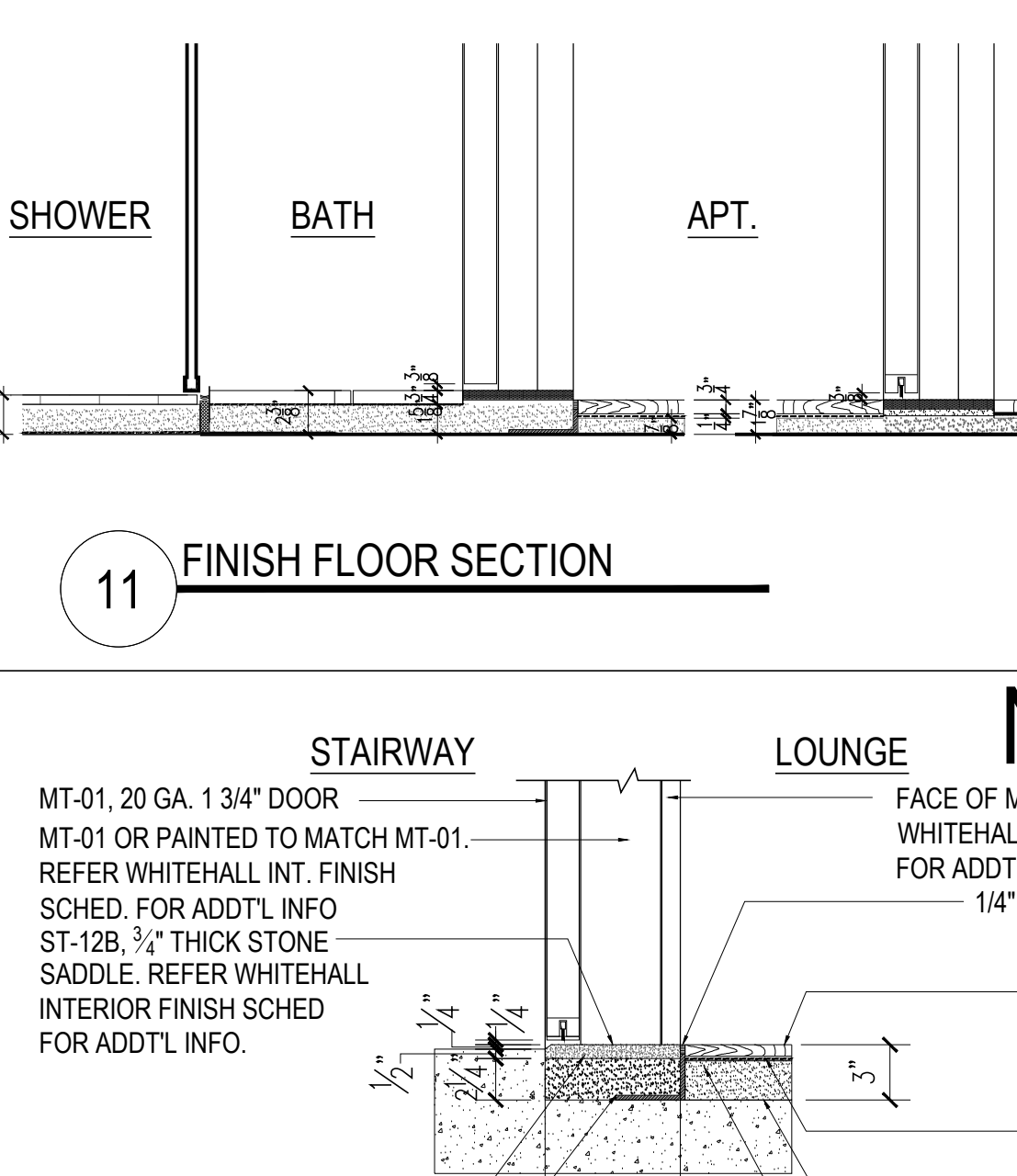
**7 POWDER ROOM**



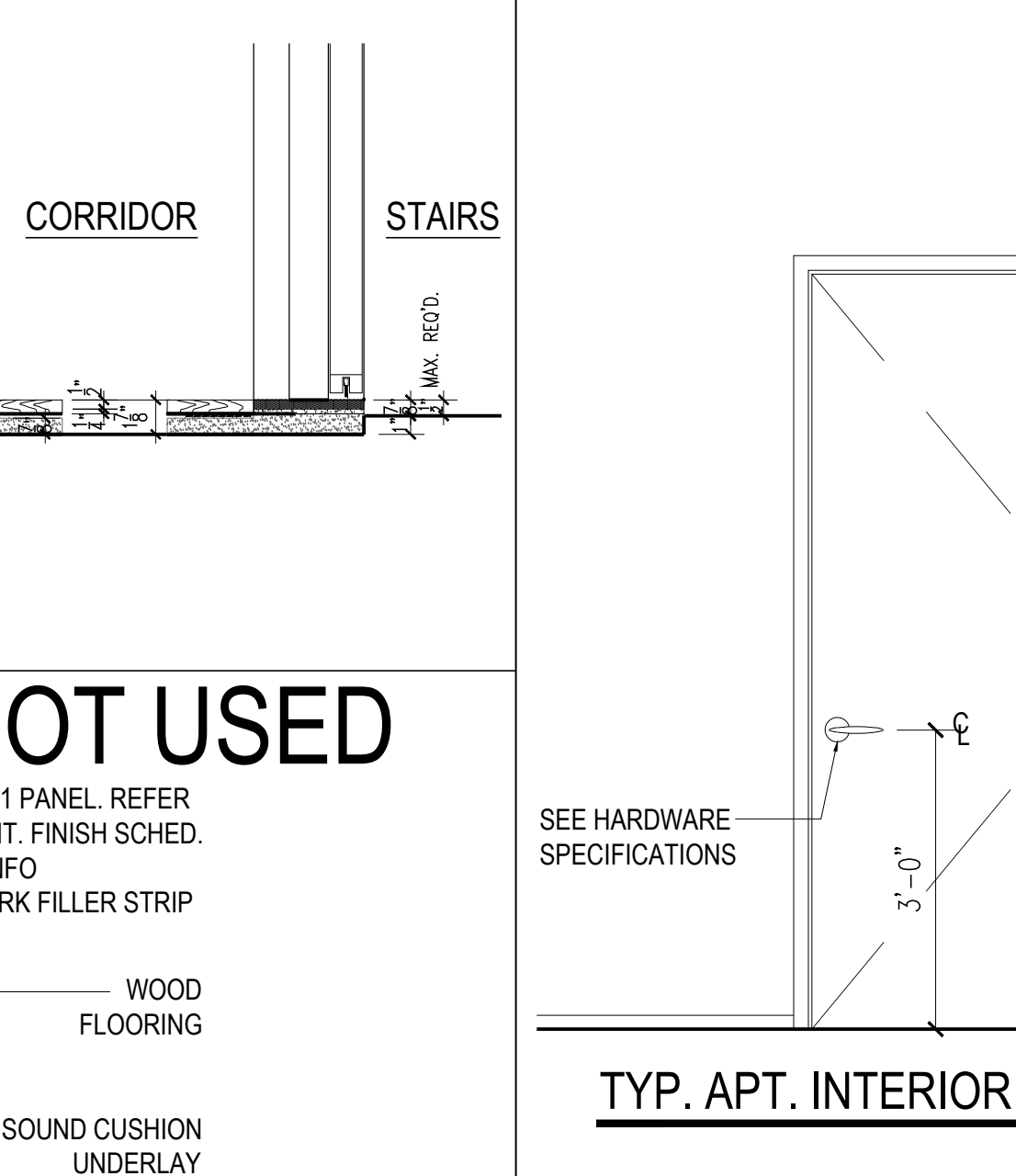
**8 MECHANICAL ROOMS & STAFF ROOMS, U.O.N.**  
BACK OF HOUSE AREAS



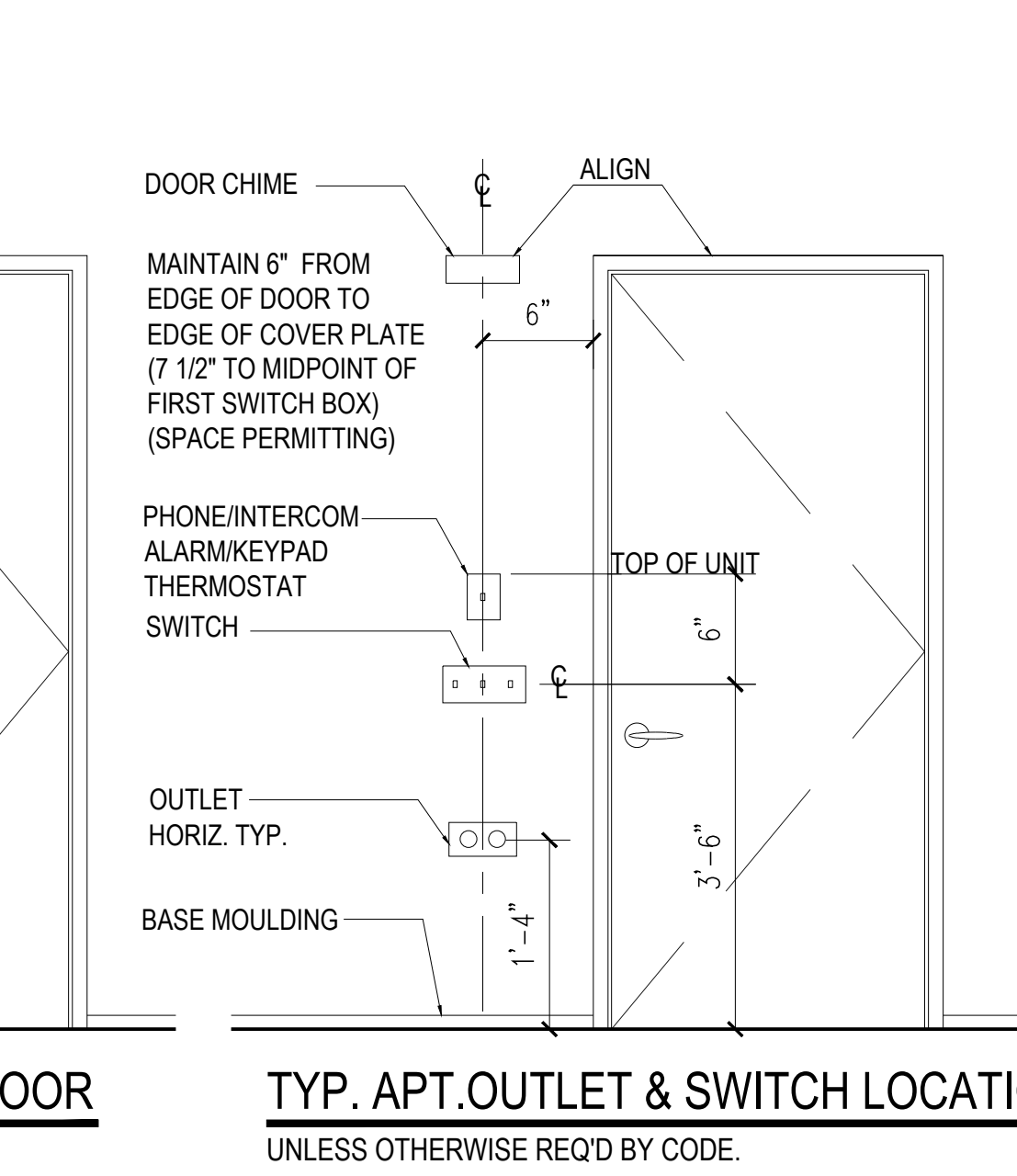
**9 REDUCING STRIP**



**10 MECHANICAL ROOMS W/ CURBS**  
SEE PLANS FOR LOCATIONS



**11 FINISH FLOOR SECTION**



**12 GROUND FL. STAIRWAY TO LOUNGE**

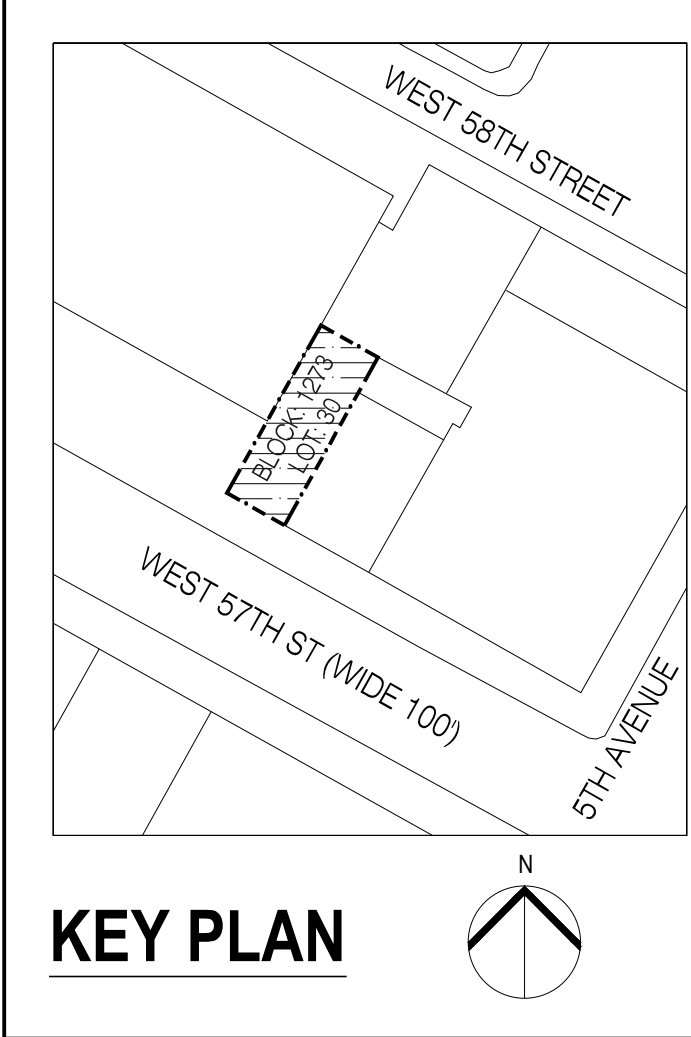
# NOT USED

Diagram 13: NOT USED

Diagram 14: NOT USED

Diagram 15: NOT USED

Diagram 16: NOT USED



# KEY PLAN

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION/FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:  
**7 WEST 57TH STREET**  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

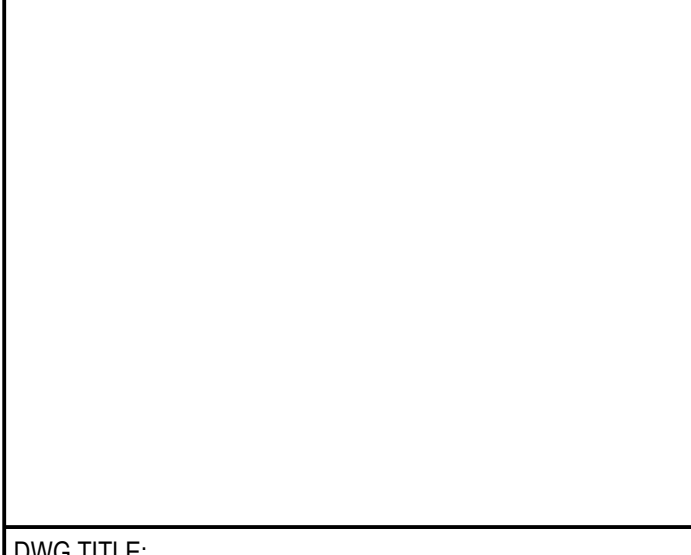
Interior Designer:  
**Whitehall INTERIORS**  
11 BROADWAY, Suite 1532  
NEW YORK, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VDARIS**  
580 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:



# DOOR DETAILS

SEAL & SIGNATURE: [Signature]

DATE: 05/26/2017

PROJECT # 16A10

SCALE: N.T.S.

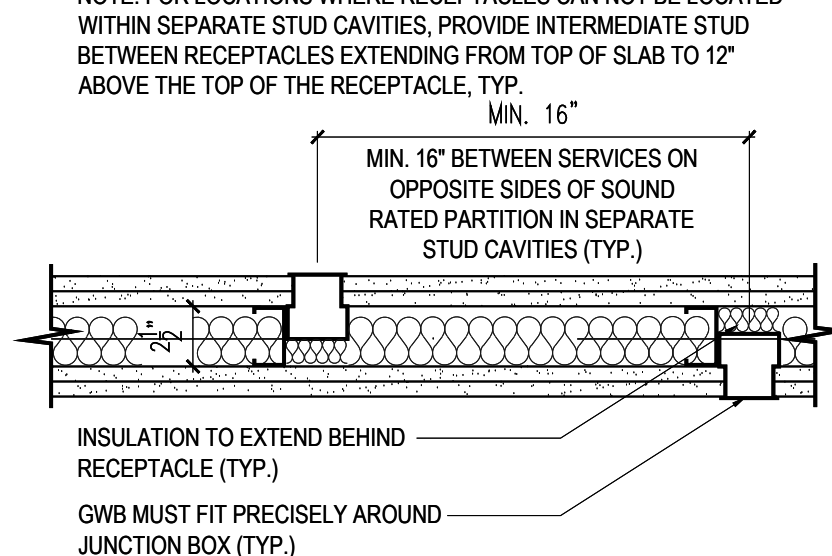
**A-008.00**

DWG. NO.

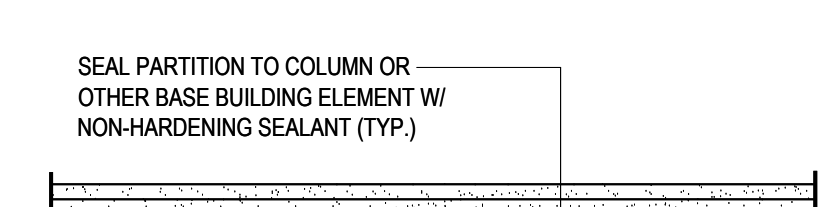
NB#12191441



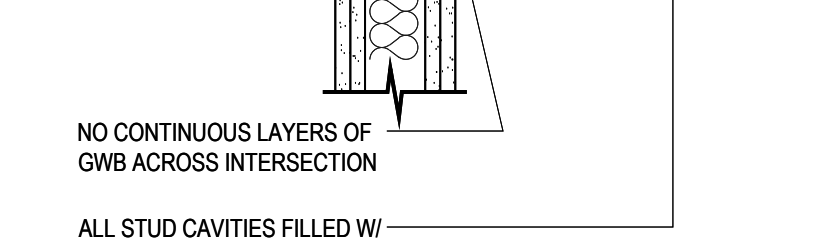
NOTE: FOR LOCATIONS WHERE RECEPTACLES CANNOT BE LOCATED WITHIN SEPARATE STUD CAVITIES, PROVIDE INTERMEDIATE STUD BETWEEN RECEPTACLES EXTENDING FROM TOP OF SLAB TO 12" ABOVE THE TOP OF THE RECEPTACLE TYP.



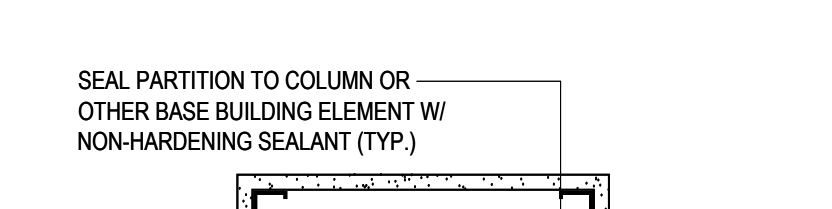
**OFFSET OF RECESSED ELECTRICAL RECEPTACLE AT TYPICAL APARTMENT DEMISING PARTITIONS**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



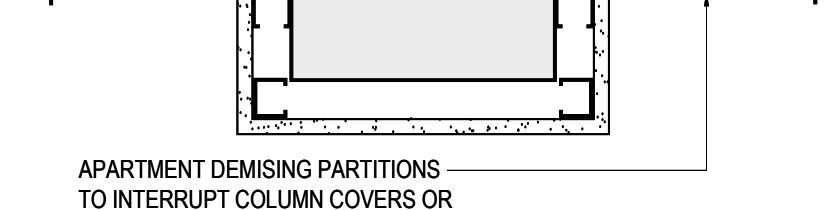
**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



**TYPICAL INTERSECTION DETAIL AT APARTMENT CORRIDOR DEMISING PARTITION**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



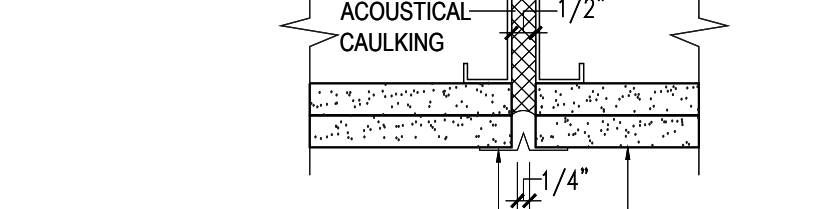
**INTERIOR CONTROL JOINT DETAIL**  
SCALE: 3/4" = 1'-0" (PLAN VIEW)



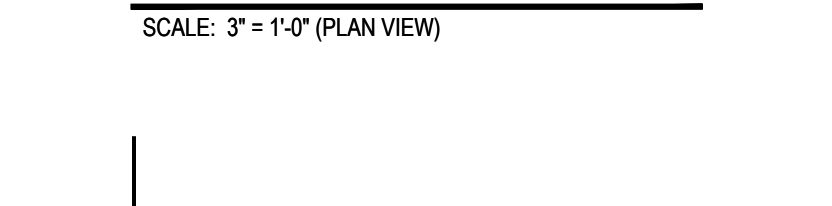
**APARTMENT DEMISING PARTITION AT INTERSECTION WITH COLUMN**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



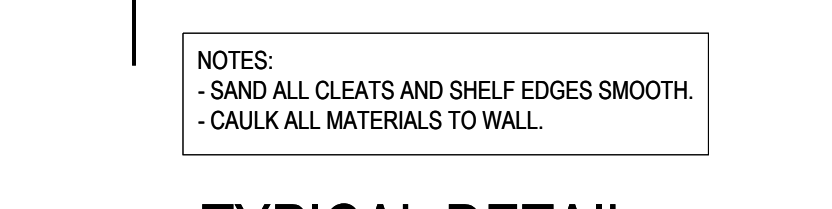
**TYPICAL DETAIL**



**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



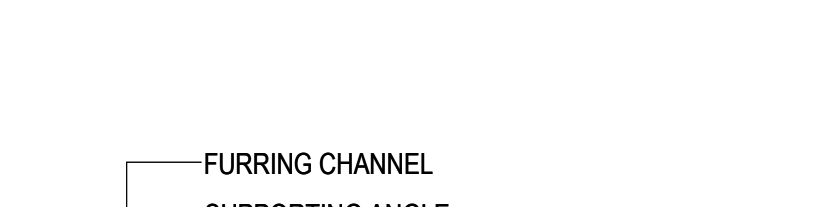
**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



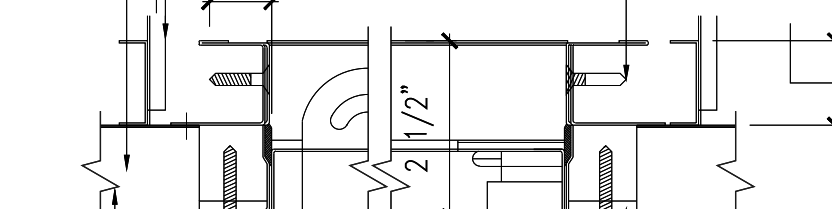
**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



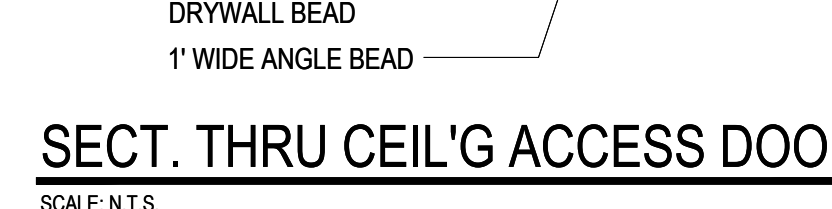
**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



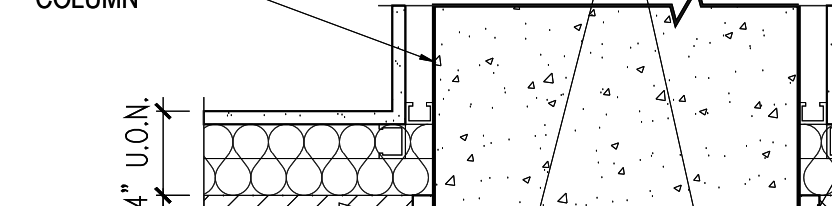
**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



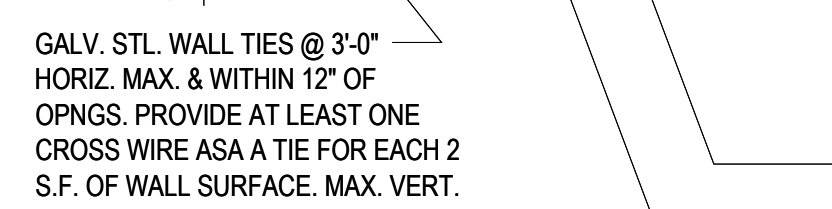
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SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



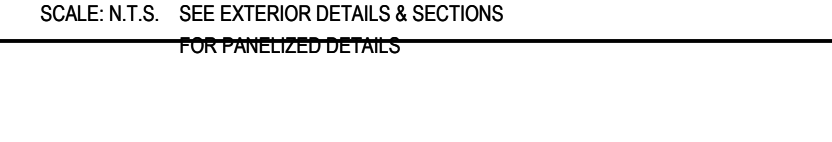
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SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



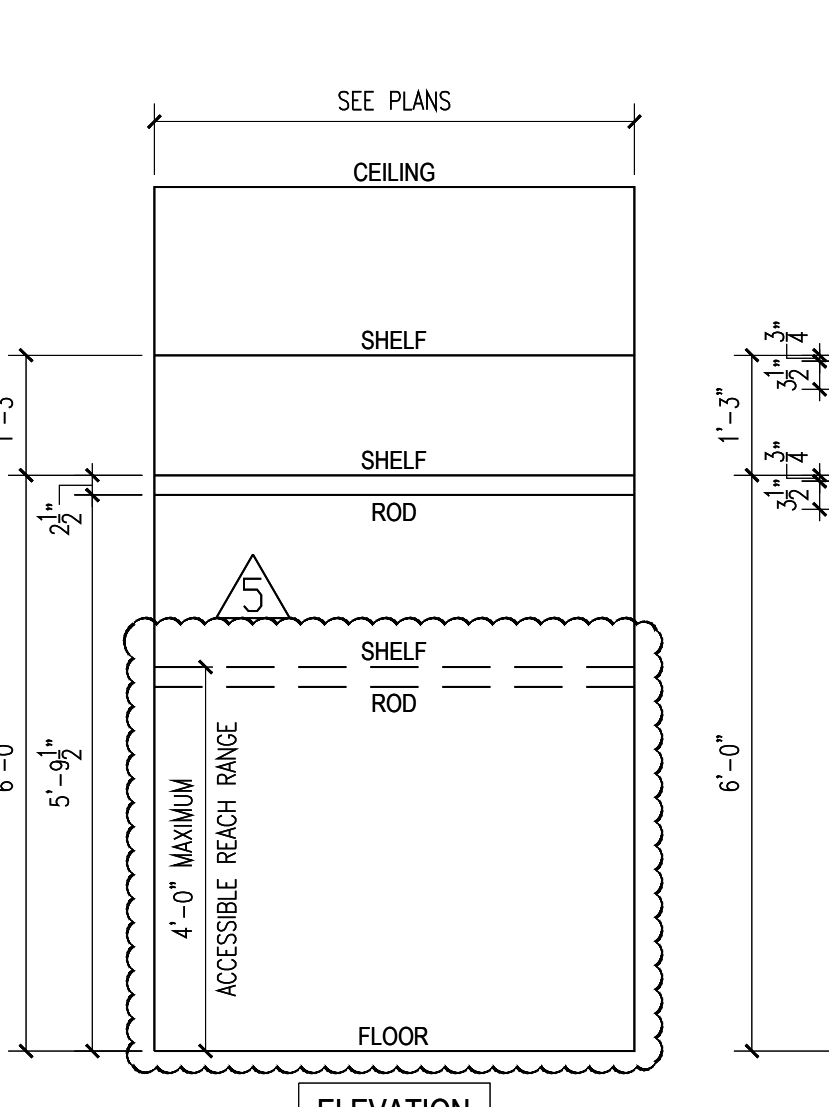
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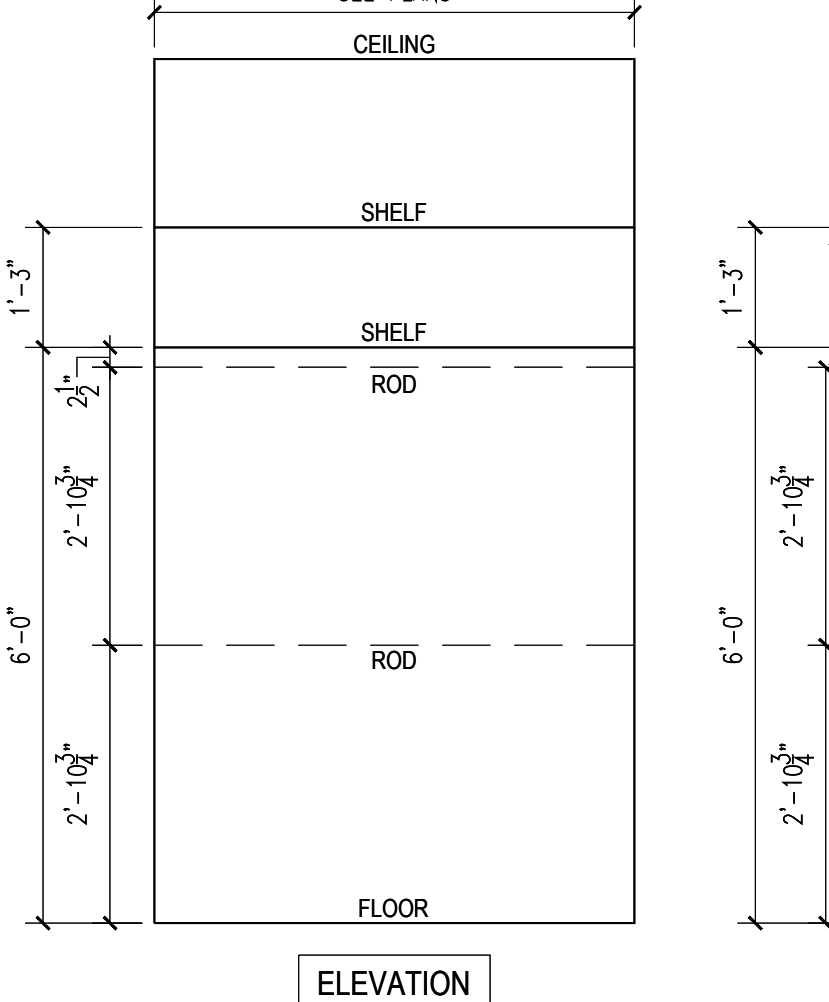
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SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



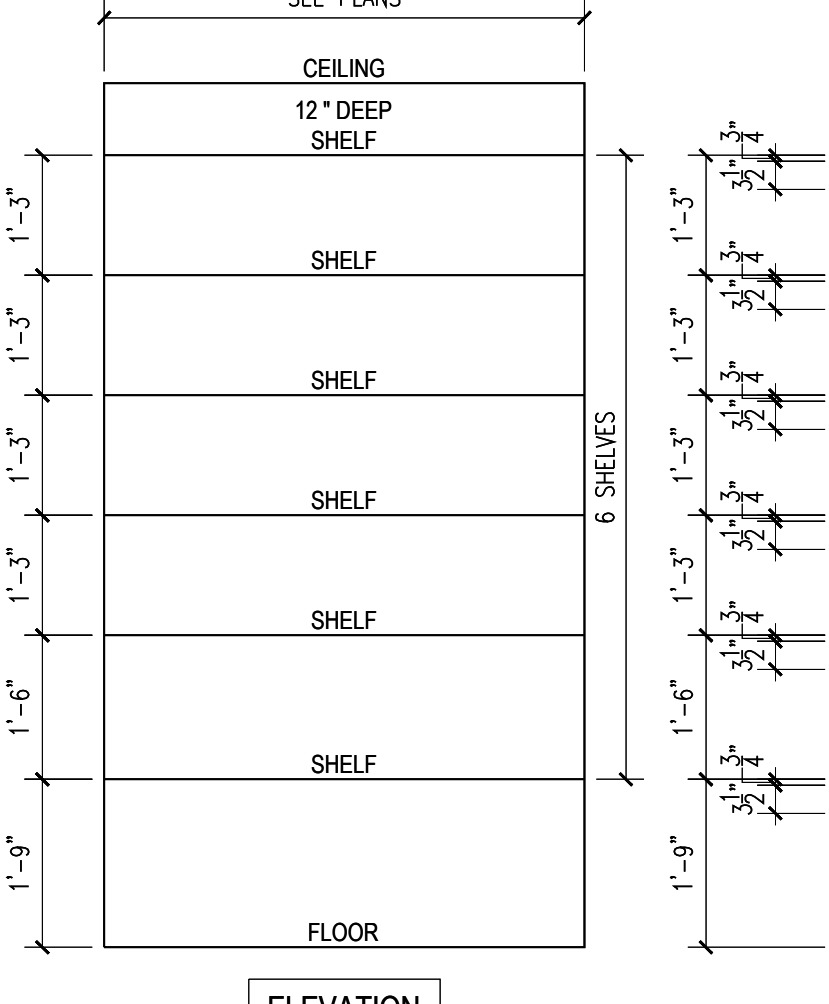
**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



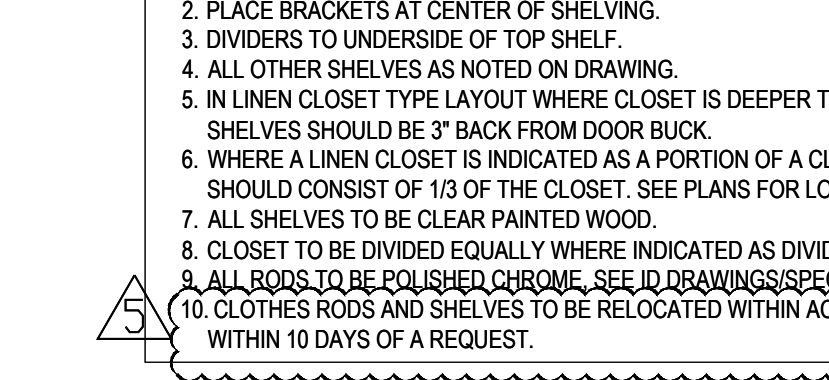
**CLOTHES CLOSET 1**



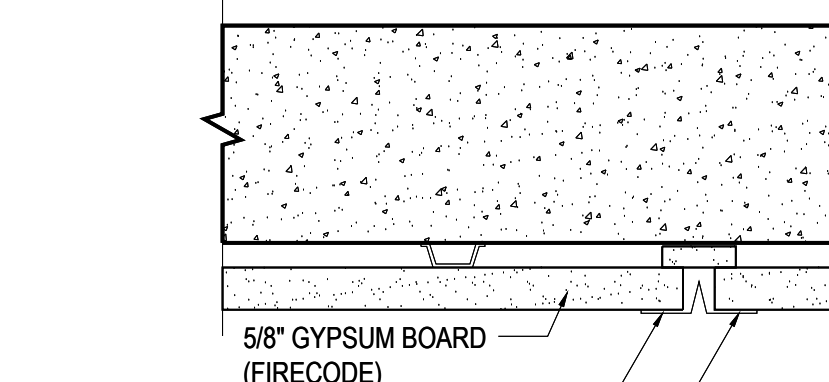
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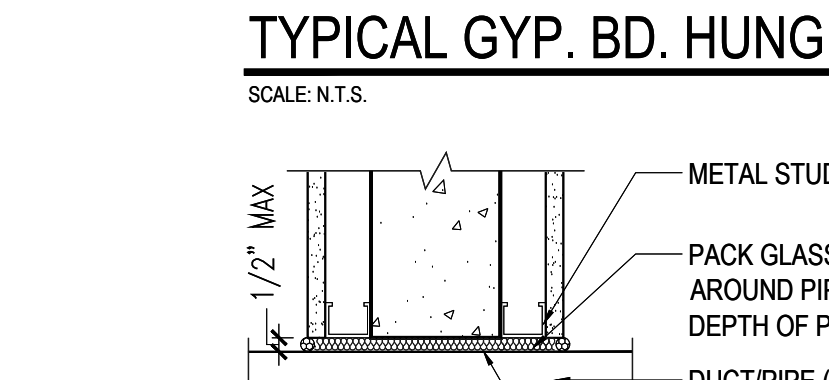
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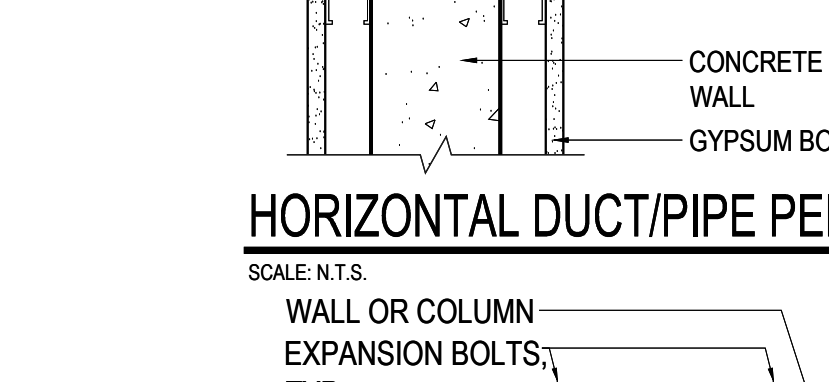
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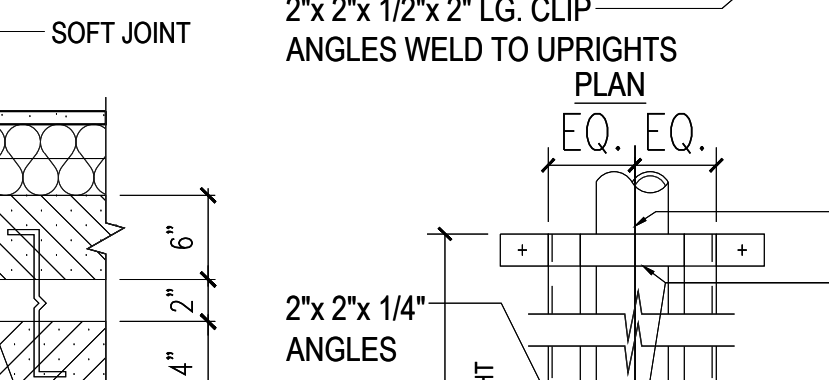
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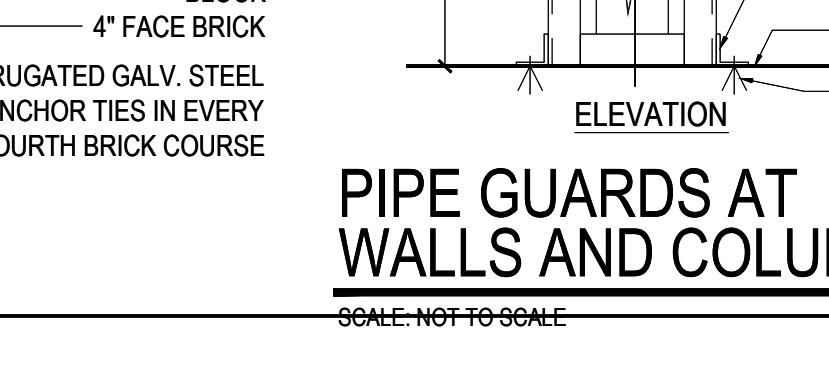
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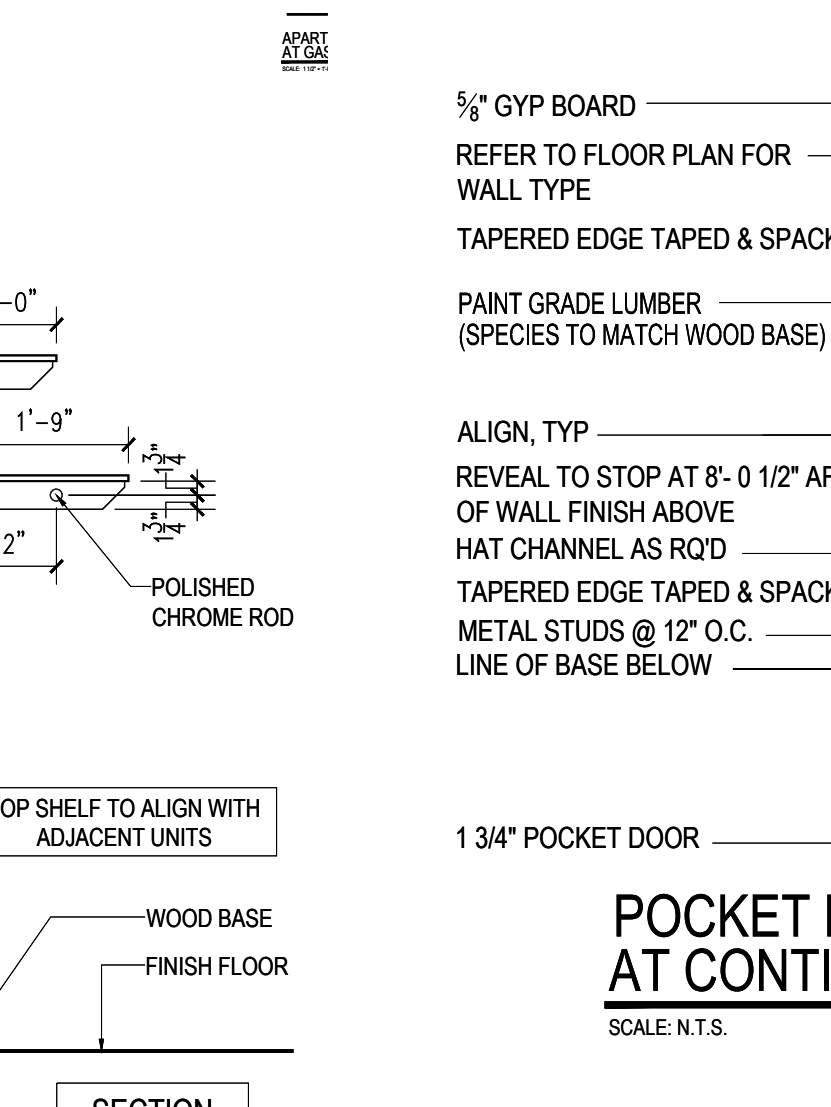
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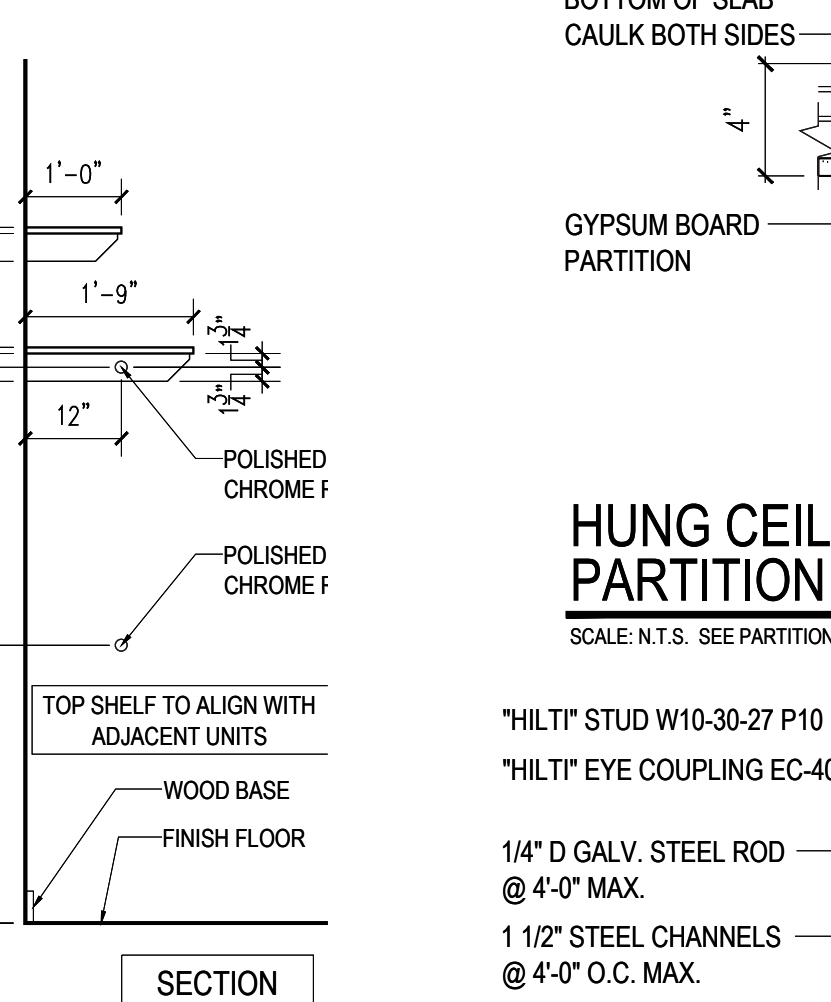
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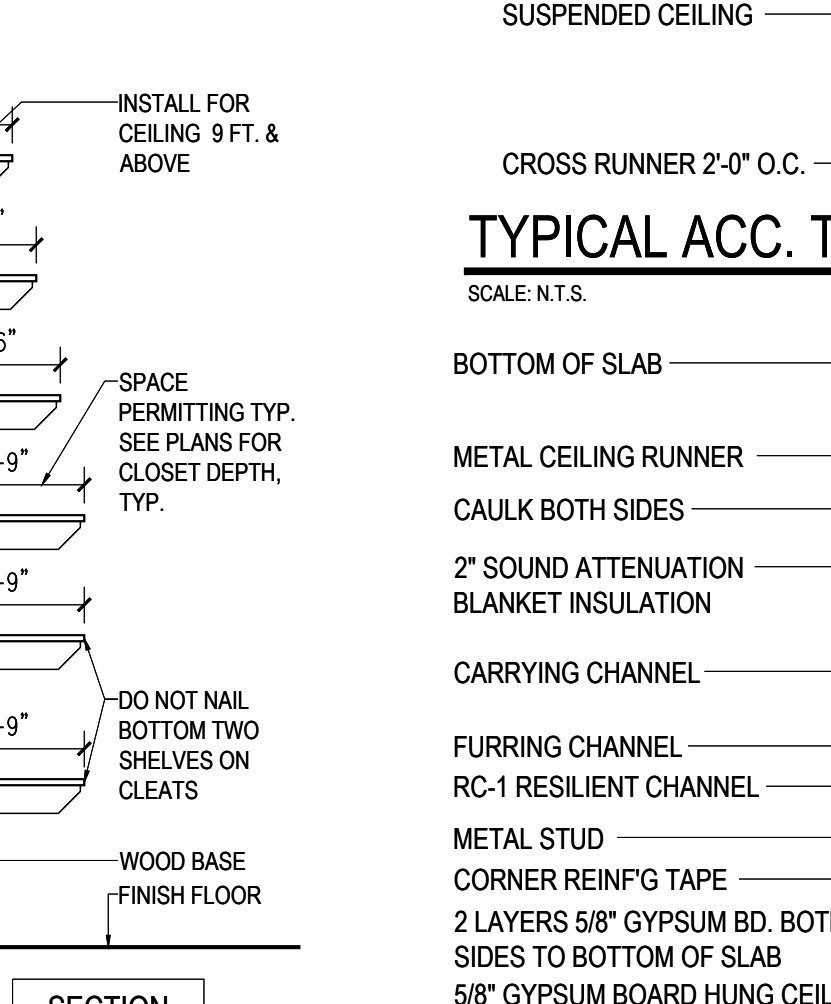
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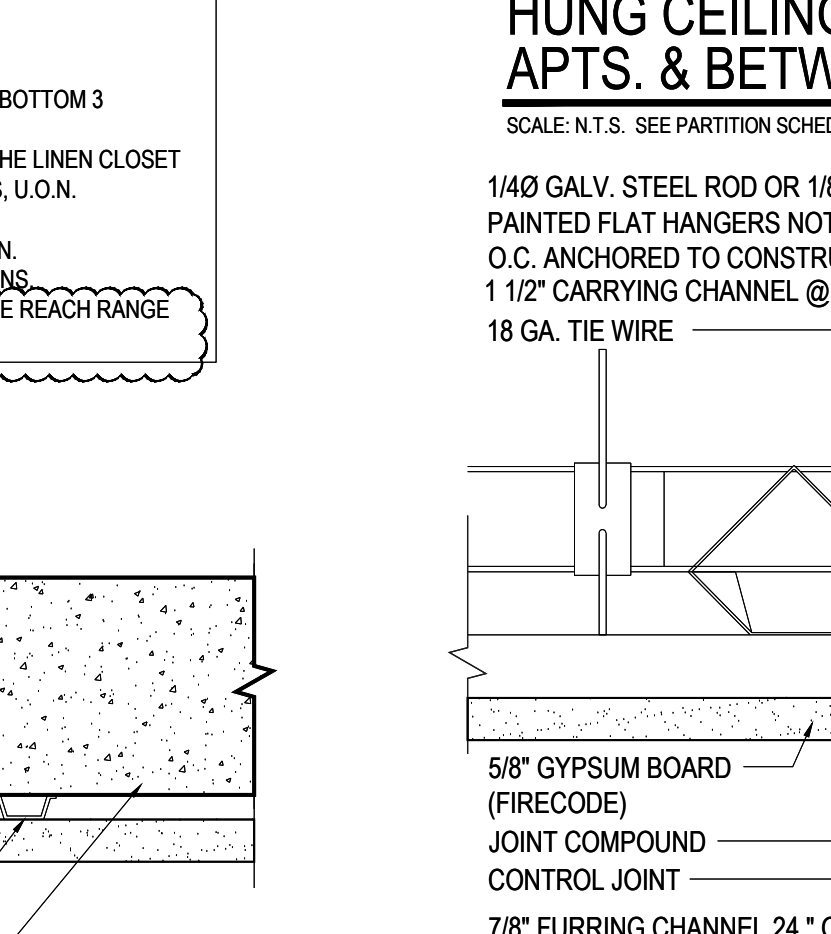
**POCKET DOOR JAMB AT CONTINUOUS WALL**  
SCALE: N.T.S.



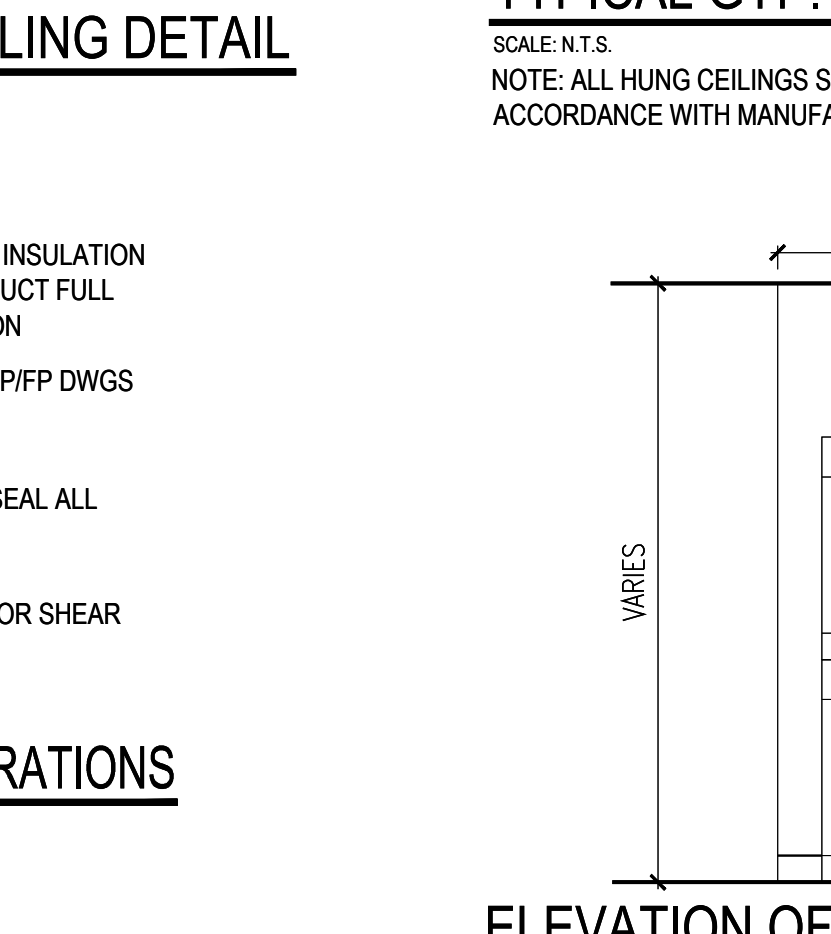
**HUNG CEILING DETAIL @ 3/4" PARTITION WITHIN APARTMENTS**  
SCALE: N.T.S. SEE PARTITION SCHEDULE FOR FURTHER DETAIL



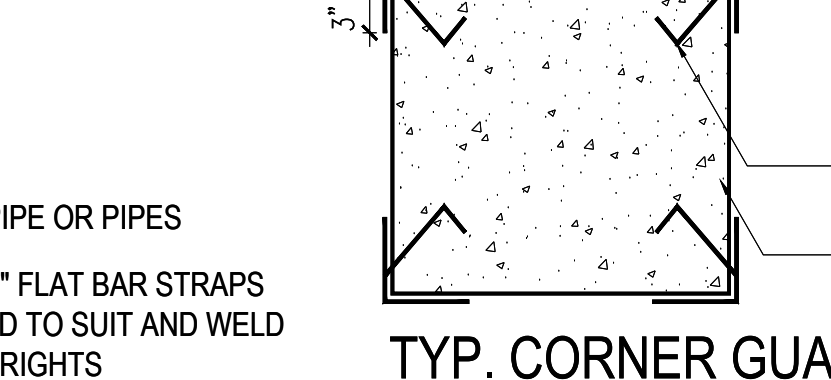
**TYPICAL ACC. TILE HUNG CEILING DETAIL**  
SCALE: N.T.S.



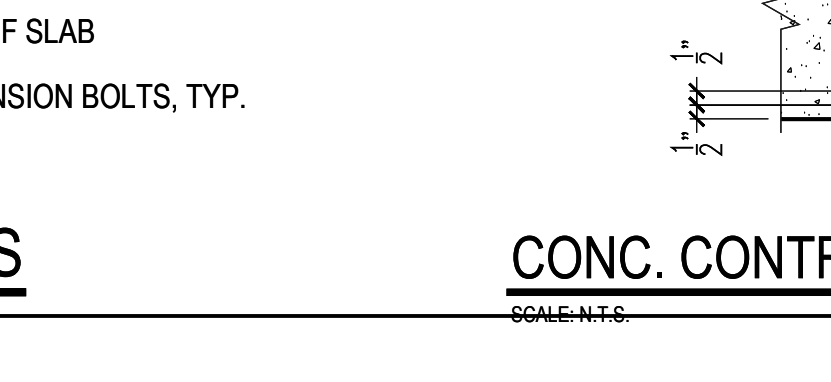
**HUNG CEILING @ PARTITION BETWEEN APTS. & BETWEEN APT. & CORRIDOR**  
SCALE: N.T.S. SEE PARTITION SCHEDULES FOR FURTHER DETAIL



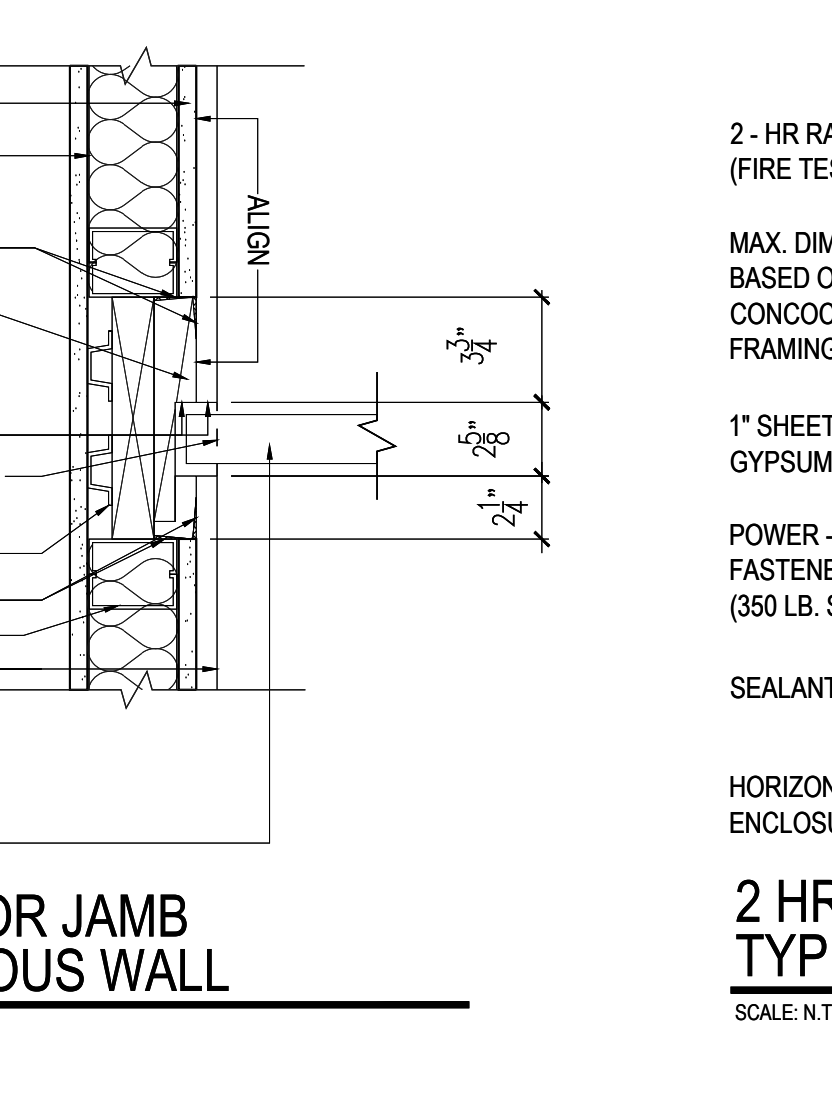
**TYPICAL GYP. BD. HUNG CEILING DETAIL**  
SCALE: N.T.S. NOTE: ALL HUNG CEILINGS SHALL BE HUNG USING RESILIENT CHANNELS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED DETAILS



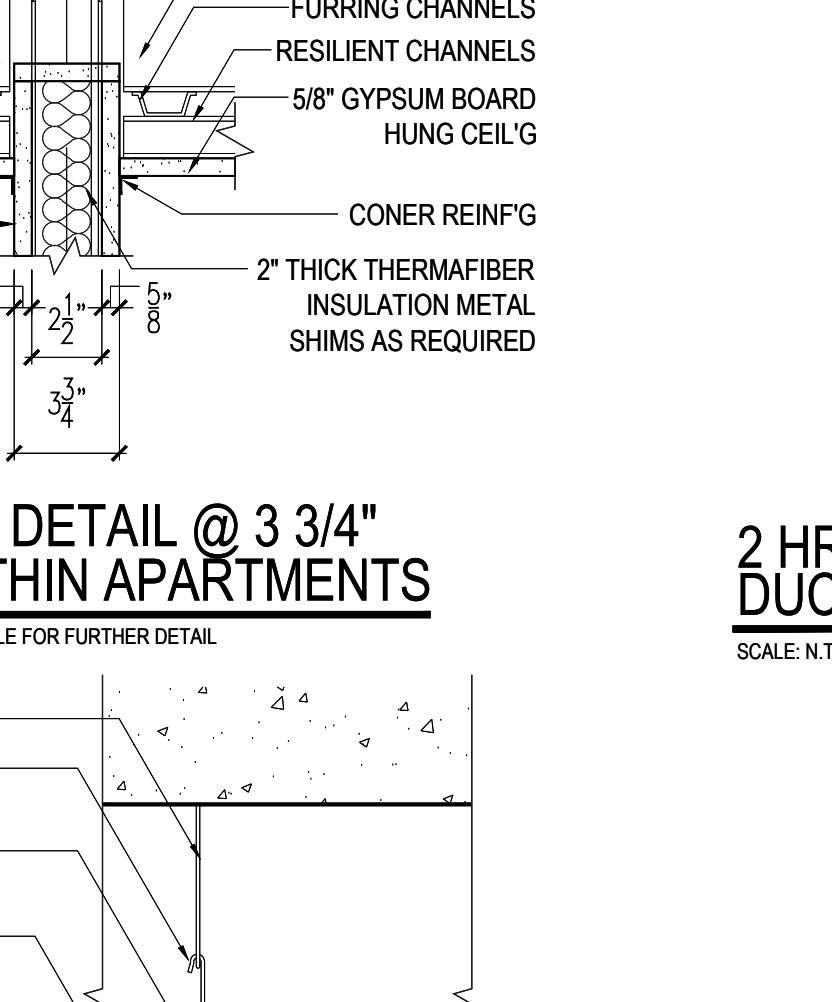
**ELEVATION OF WASHER/DRYER CLOSET**  
SCALE: N.T.S.



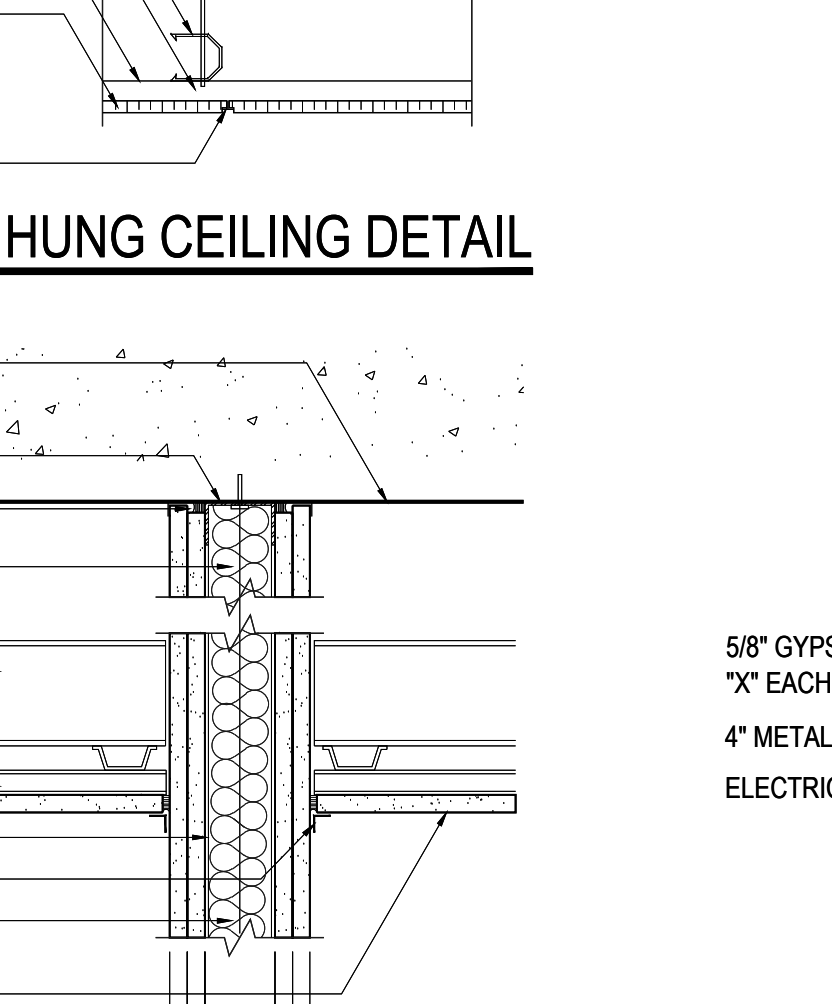
**TYP. CORNER GUARD DET. @ CONC. BLK.**  
SCALE: N.T.S.



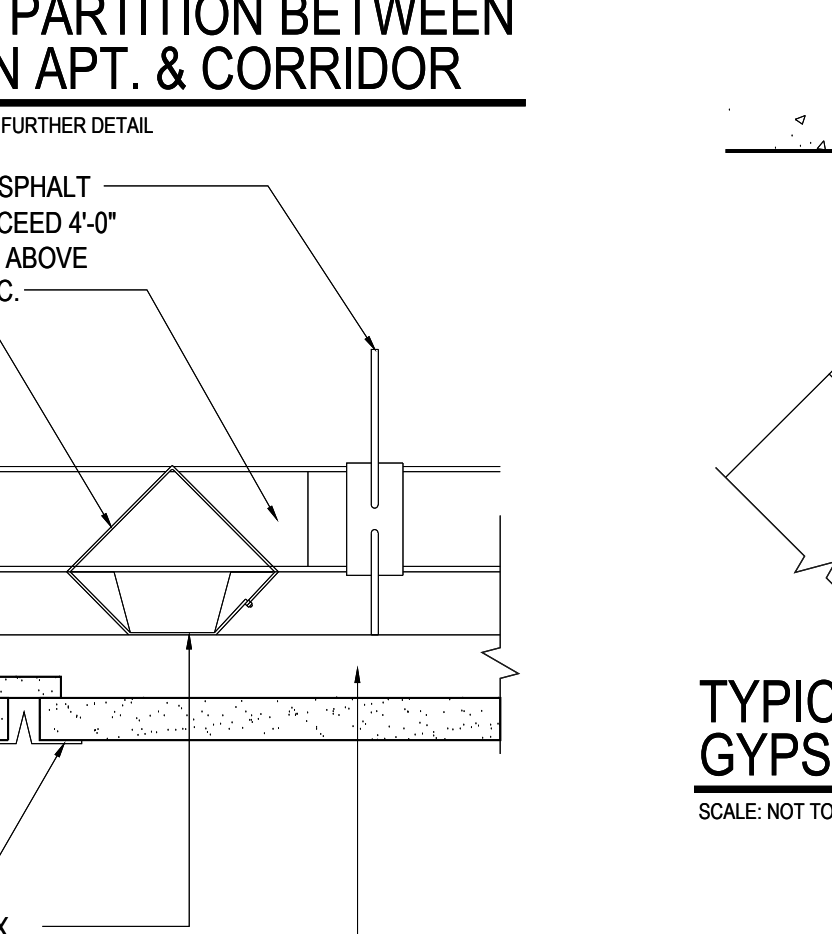
**HUNG CEILING DETAIL @ 3/4" PARTITION WITHIN APARTMENTS**  
SCALE: N.T.S. SEE PARTITION SCHEDULES FOR FURTHER DETAIL



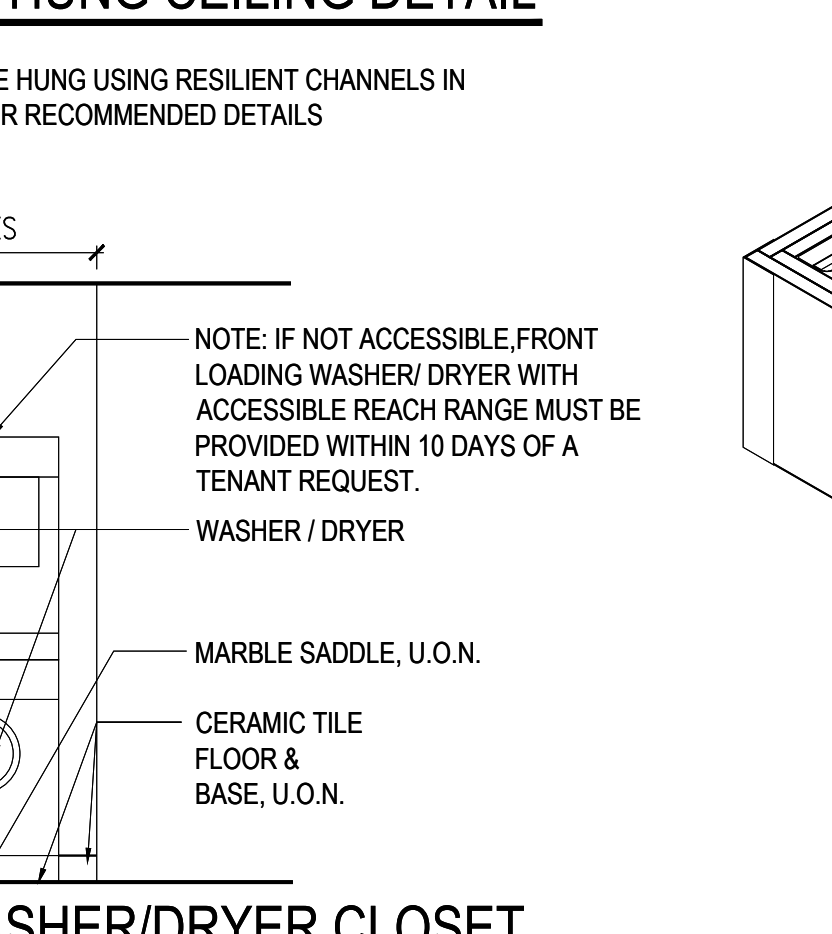
**HUNG CEILING DETAIL @ 3/4" PARTITION WITHIN APARTMENTS**  
SCALE: N.T.S. SEE PARTITION SCHEDULES FOR FURTHER DETAIL



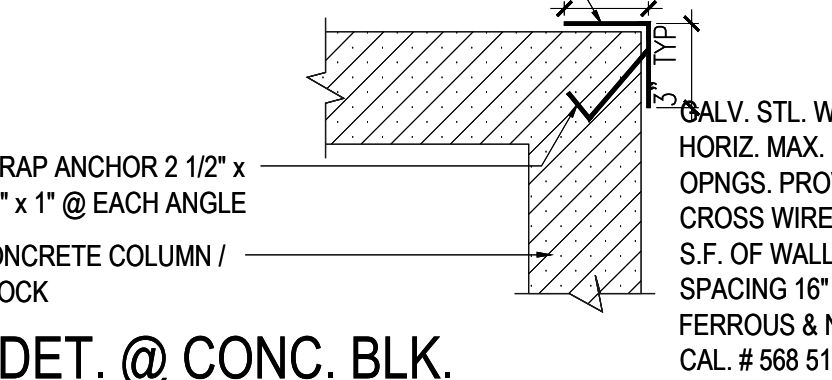
**HUNG CEILING DETAIL @ 3/4" PARTITION WITHIN APARTMENTS**  
SCALE: N.T.S. SEE PARTITION SCHEDULES FOR FURTHER DETAIL



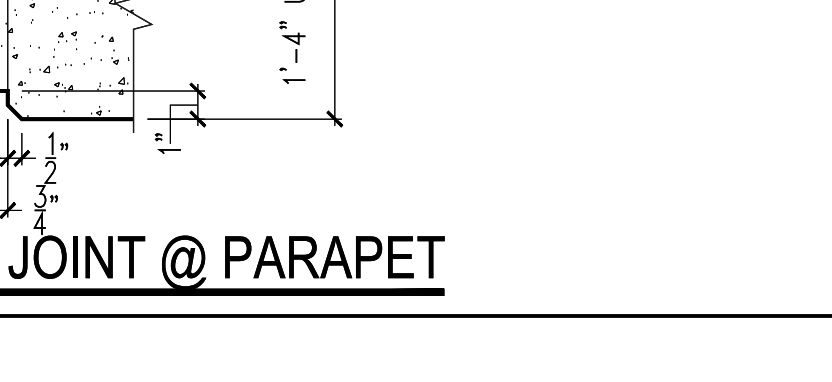
**HUNG CEILING DETAIL @ 3/4" PARTITION WITHIN APARTMENTS**  
SCALE: N.T.S. SEE PARTITION SCHEDULES FOR FURTHER DETAIL



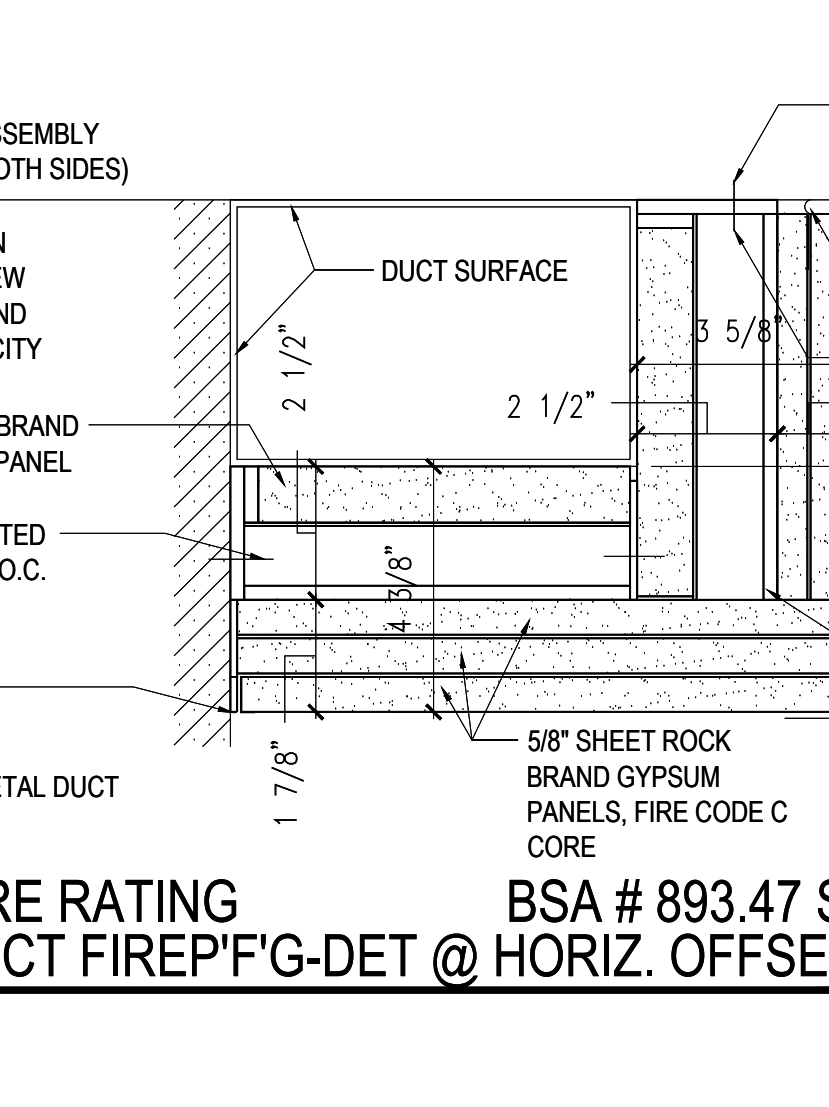
**HUNG CEILING DETAIL @ 3/4" PARTITION WITHIN APARTMENTS**  
SCALE: N.T.S. SEE PARTITION SCHEDULES FOR FURTHER DETAIL



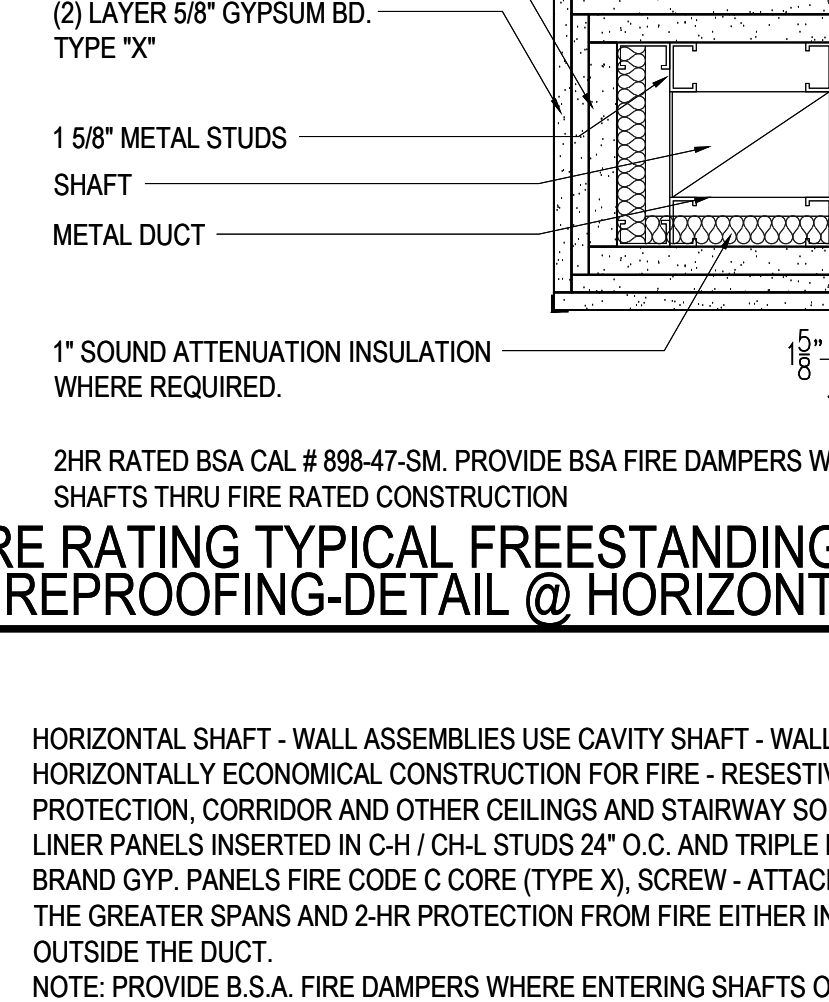
**HUNG CEILING DETAIL @ 3/4" PARTITION WITHIN APARTMENTS**  
SCALE: N.T.S. SEE PARTITION SCHEDULES FOR FURTHER DETAIL



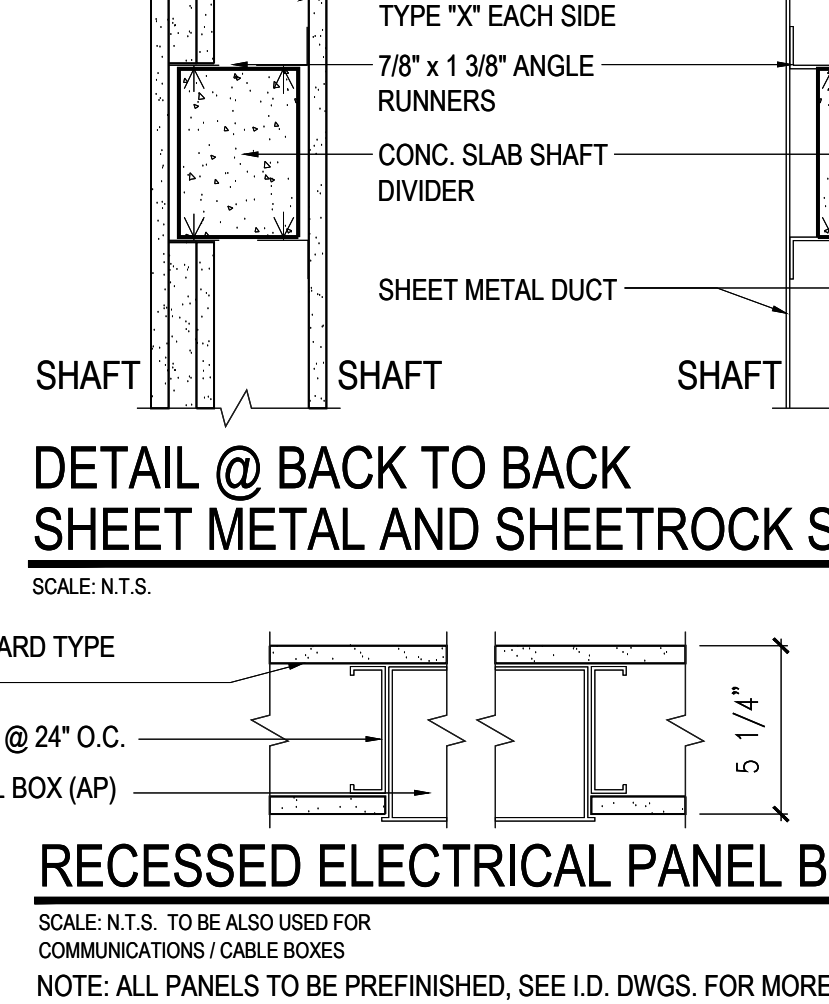
**HUNG CEILING DETAIL @ 3/4" PARTITION WITHIN APARTMENTS**  
SCALE: N.T.S. SEE PARTITION SCHEDULES FOR FURTHER DETAIL



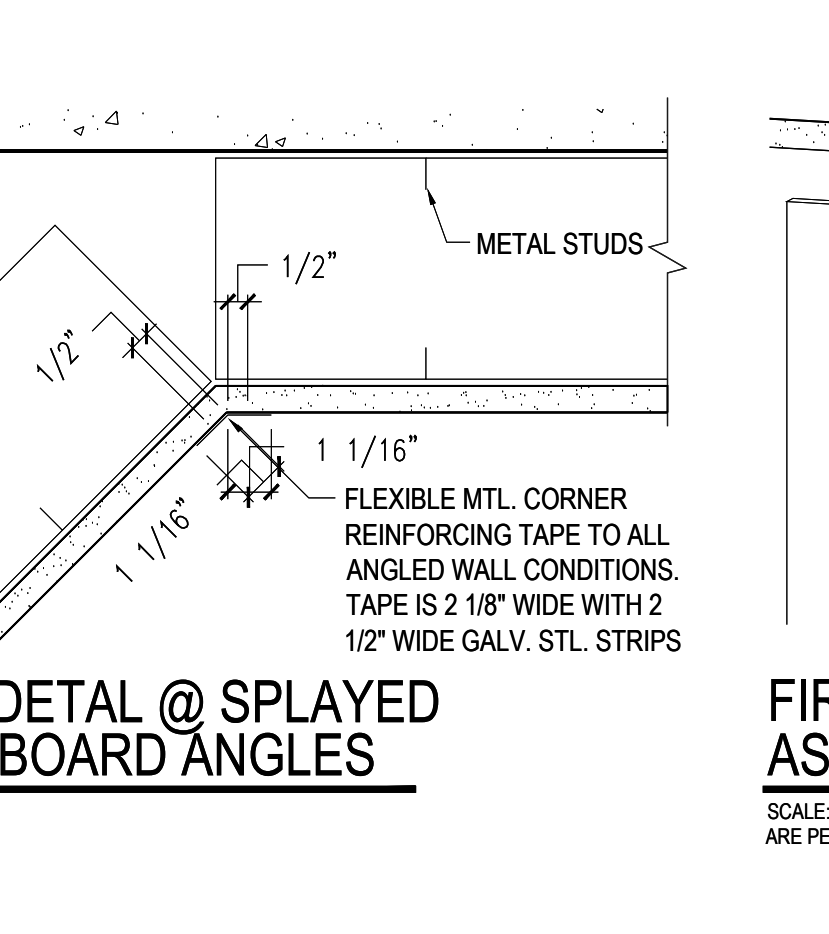
**2 HR FIRE RATING TYP. DUCT FIREPROOFING-DETAIL @ HORIZ. OFFSETS**  
SCALE: N.T.S.



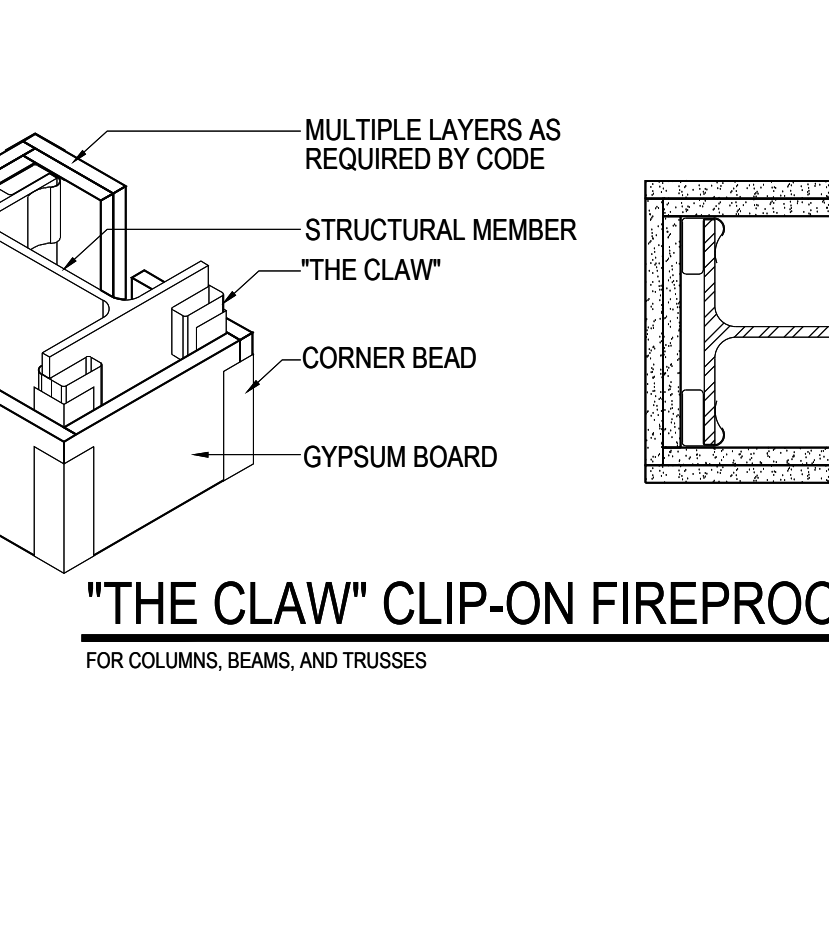
**2 HR FIRE RATING TYPICAL FREESTANDING DUCT FIREPROOFING-DETAIL @ HORIZONTAL OFFSETS**  
SCALE: N.T.S.



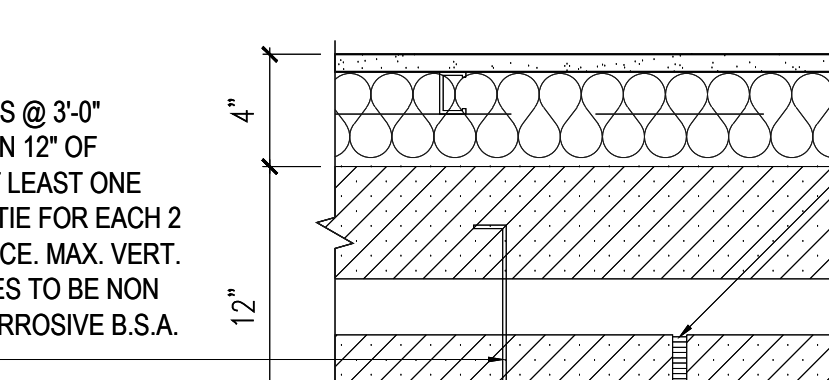
**DETAIL @ BACK TO SHEET METAL AND SHEETROCK SHAFT**  
SCALE: N.T.S.



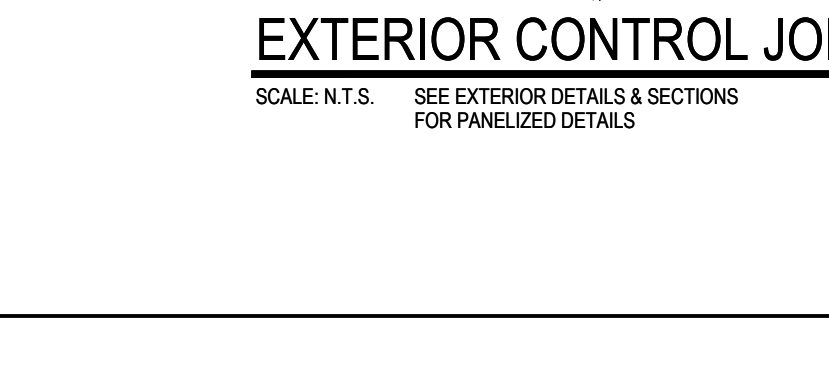
**RECESSED ELECTRICAL PANEL BOX**  
SCALE: N.T.S. TO BE USED FOR CONCRETE WALLS ONLY. NOTE: ALL PANELS TO BE PREFINISHED. SEE I.D. DWGS. FOR MORE INFO



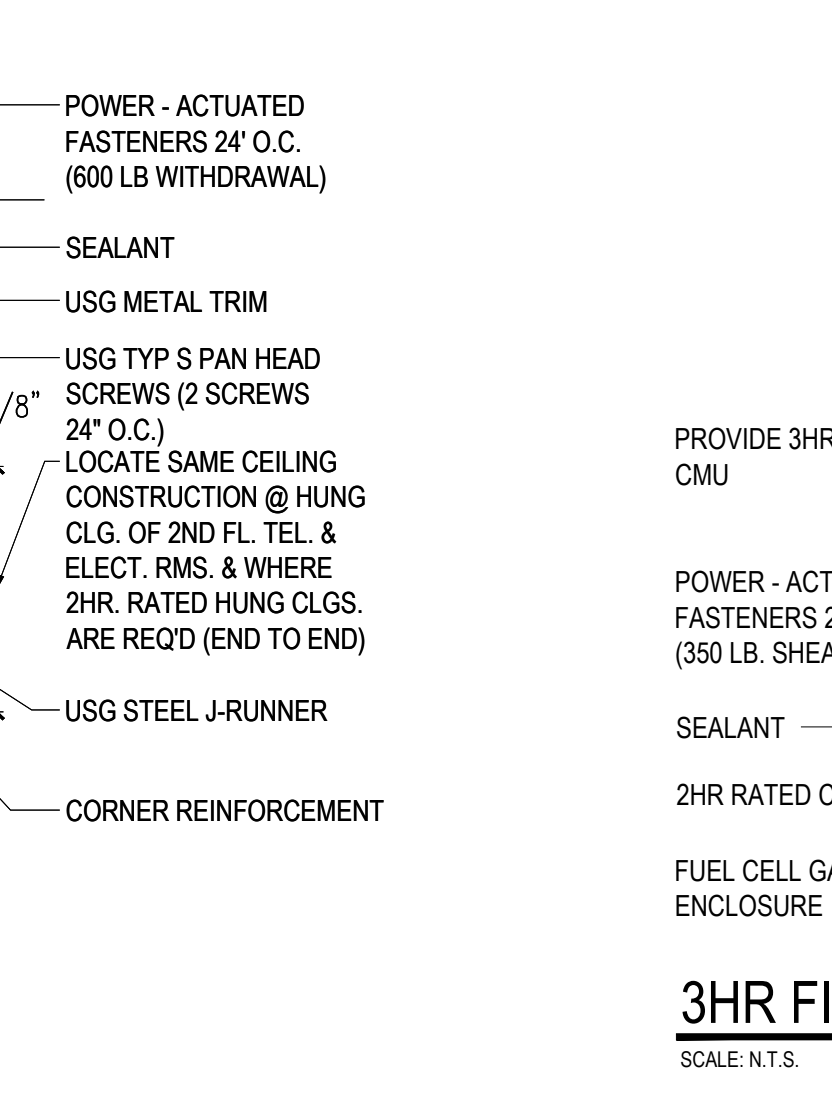
**TYPICAL DETAIL @ SPLOYED GYPSUM BOARD ANGLES**  
SCALE: NOT TO SCALE



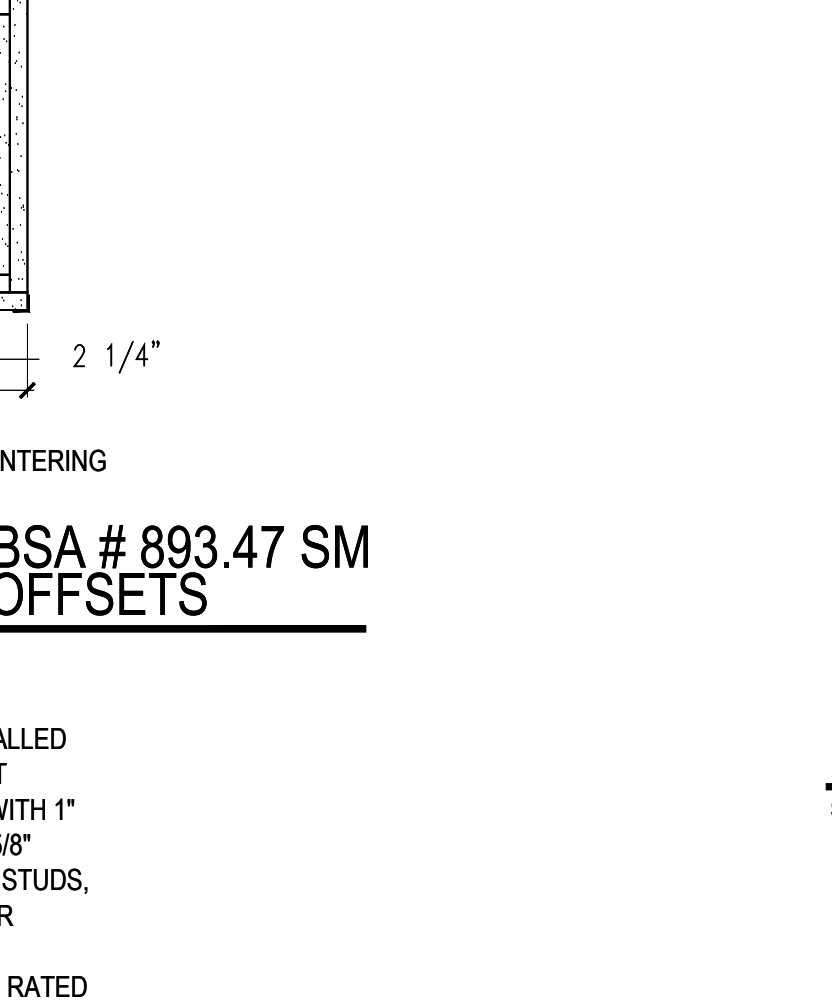
**FIRESTOP PUTTY PAD ASTM E 84, MEA-102-99M**  
SCALE: N.T.S. TO BE USED WHERE INTO WALL SHAFTS ARE PENETRATED BY OUTLETS, SWITCHES, ETC.



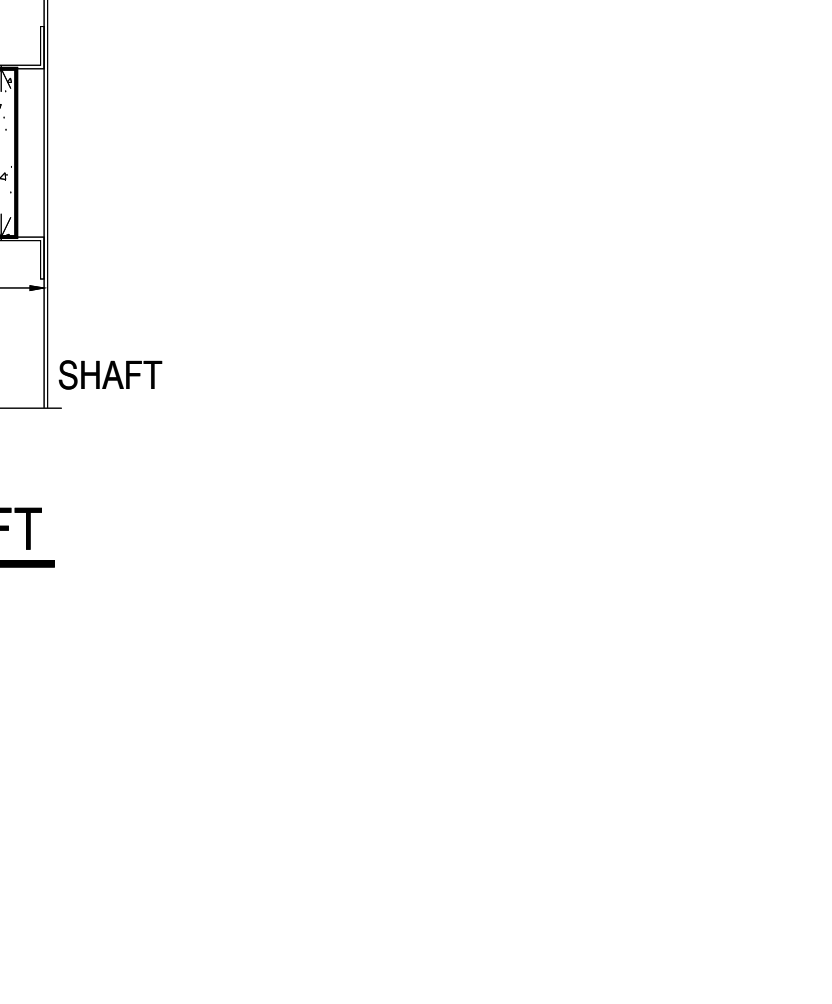
**TYPICAL DETAIL @ SPLOYED GYPSUM BOARD ANGLES**  
SCALE: NOT TO SCALE



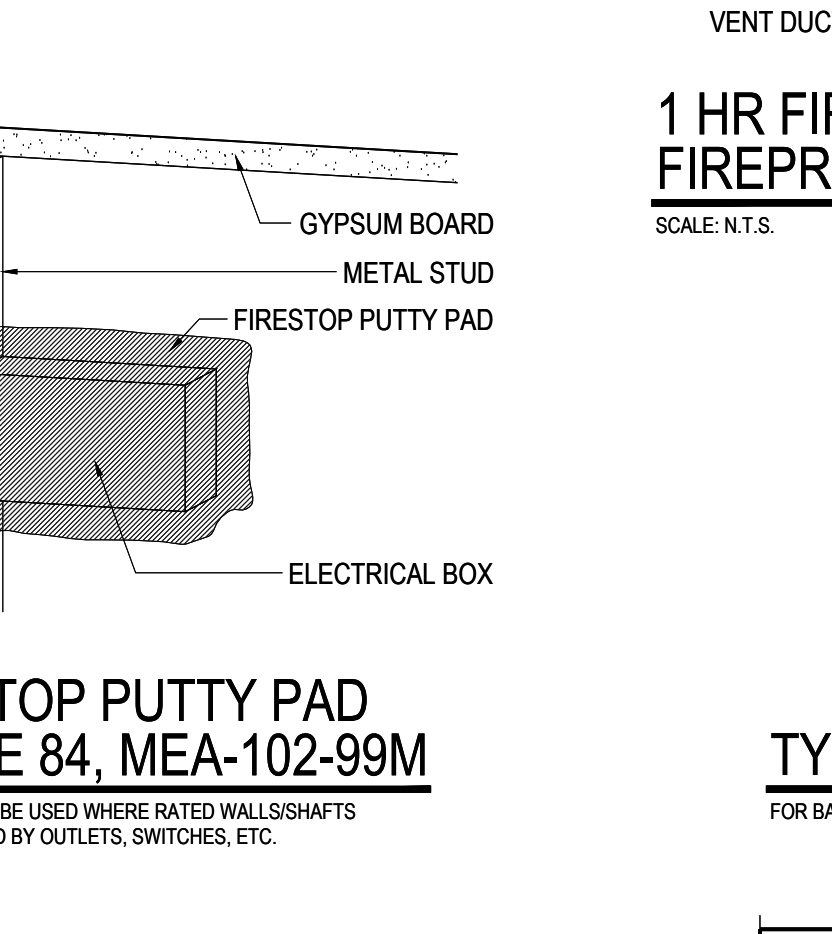
**2 HR FIRE RATING TYP. DUCT FIREPROOFING-DETAIL @ HORIZ. OFFSETS**  
SCALE: N.T.S.



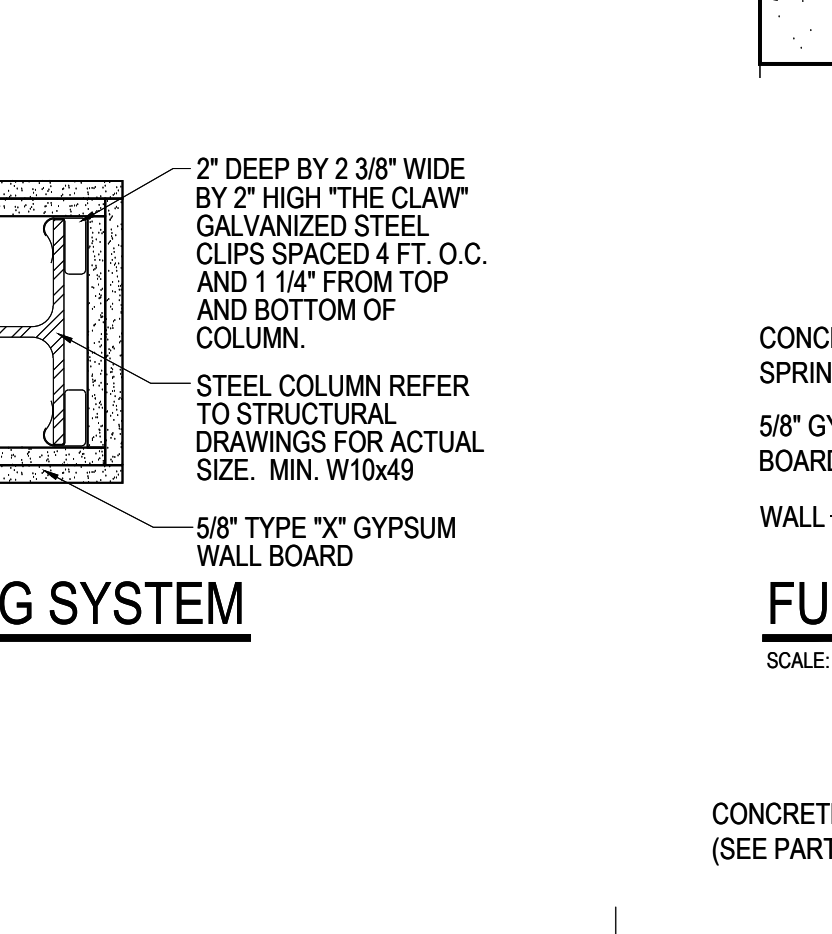
**2 HR FIRE RATING TYPICAL FREESTANDING DUCT FIREPROOFING-DETAIL @ HORIZONTAL OFFSETS**  
SCALE: N.T.S.



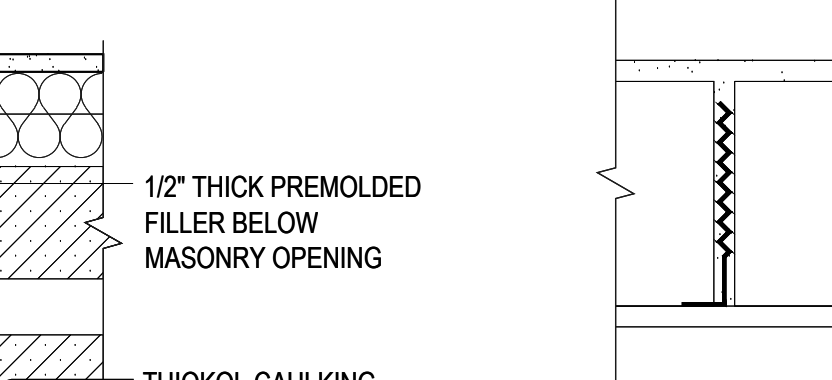
**DETAIL @ BACK TO SHEET METAL AND SHEETROCK SHAFT**  
SCALE: N.T.S.



**RECESSED ELECTRICAL PANEL BOX**  
SCALE: N.T.S. TO BE USED FOR CONCRETE WALLS ONLY. NOTE: ALL PANELS TO BE PREFINISHED. SEE I.D. DWGS. FOR MORE INFO



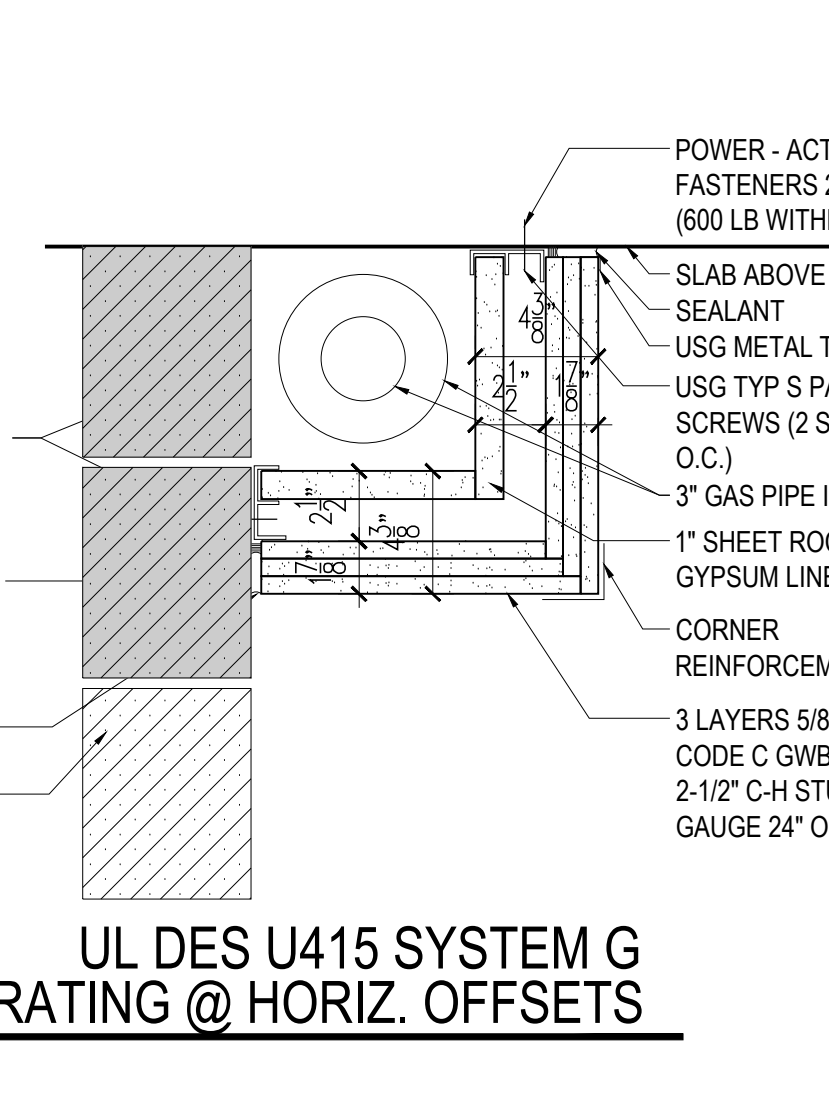
**TYPICAL DETAIL @ SPLOYED GYPSUM BOARD ANGLES**  
SCALE: NOT TO SCALE



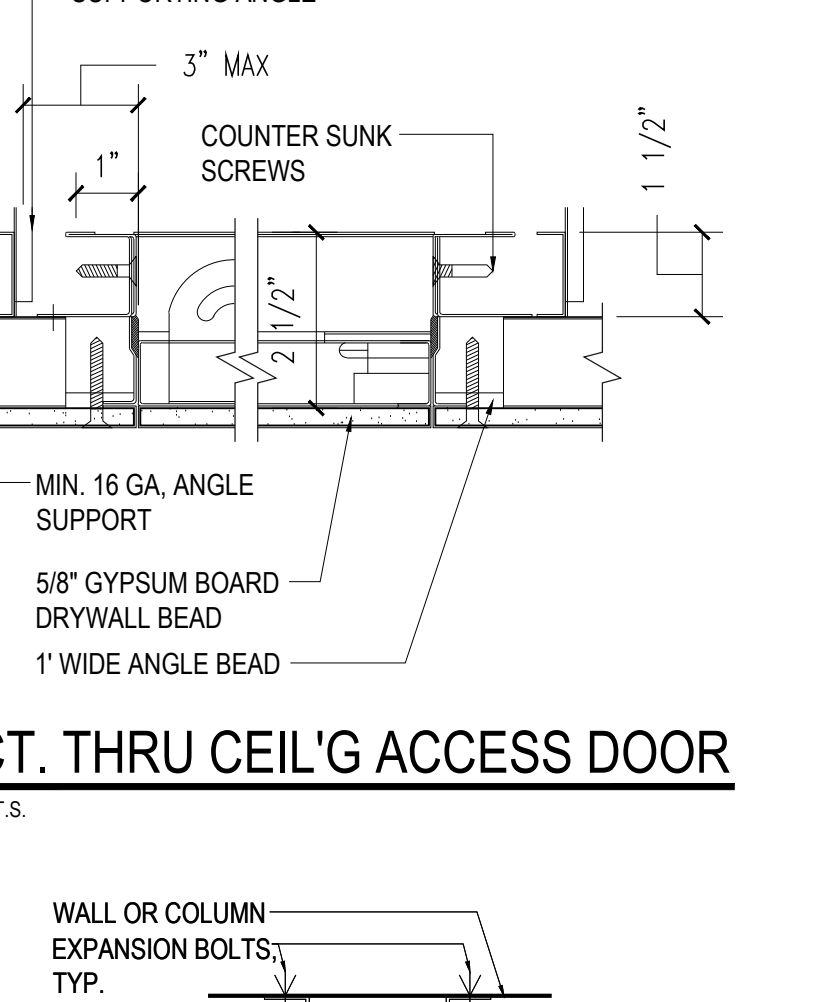
**FIRESTOP PUTTY PAD ASTM E 84, MEA-102-99M**  
SCALE: N.T.S. TO BE USED WHERE INTO WALL SHAFTS ARE PENETRATED BY OUTLETS, SWITCHES, ETC.



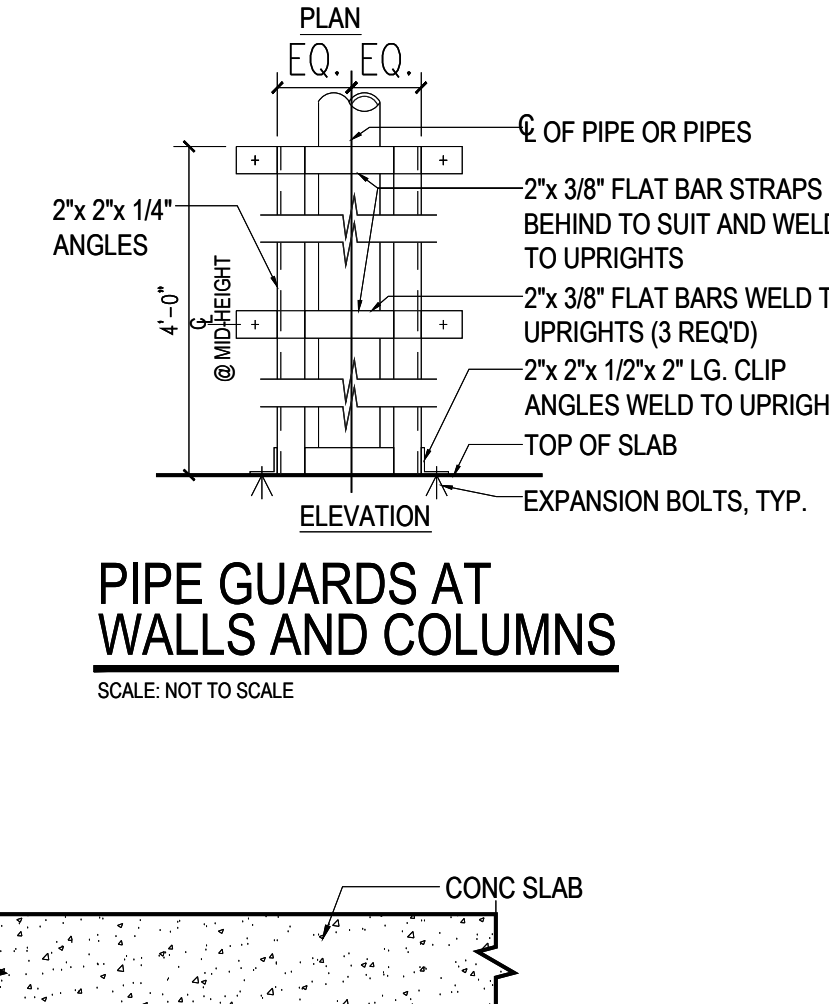
**TYPICAL DETAIL @ SPLOYED GYPSUM BOARD ANGLES**  
SCALE: NOT TO SCALE



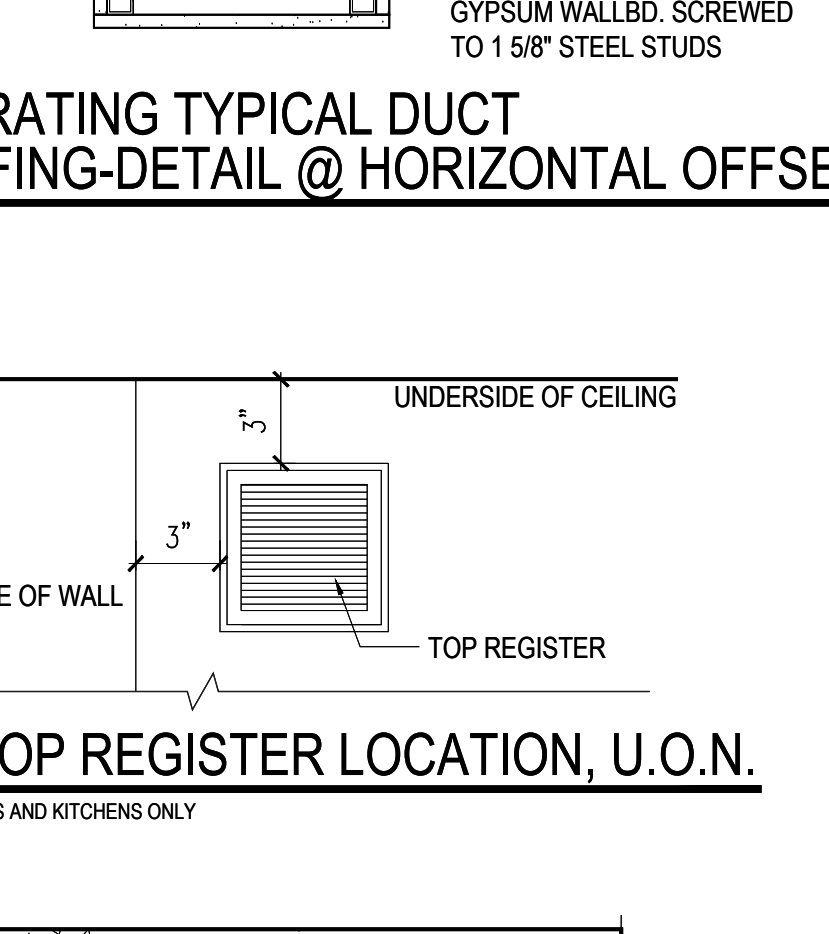
**SECT. THRU CEIL'G ACCESS DOOR**  
SCALE: N.T.S.



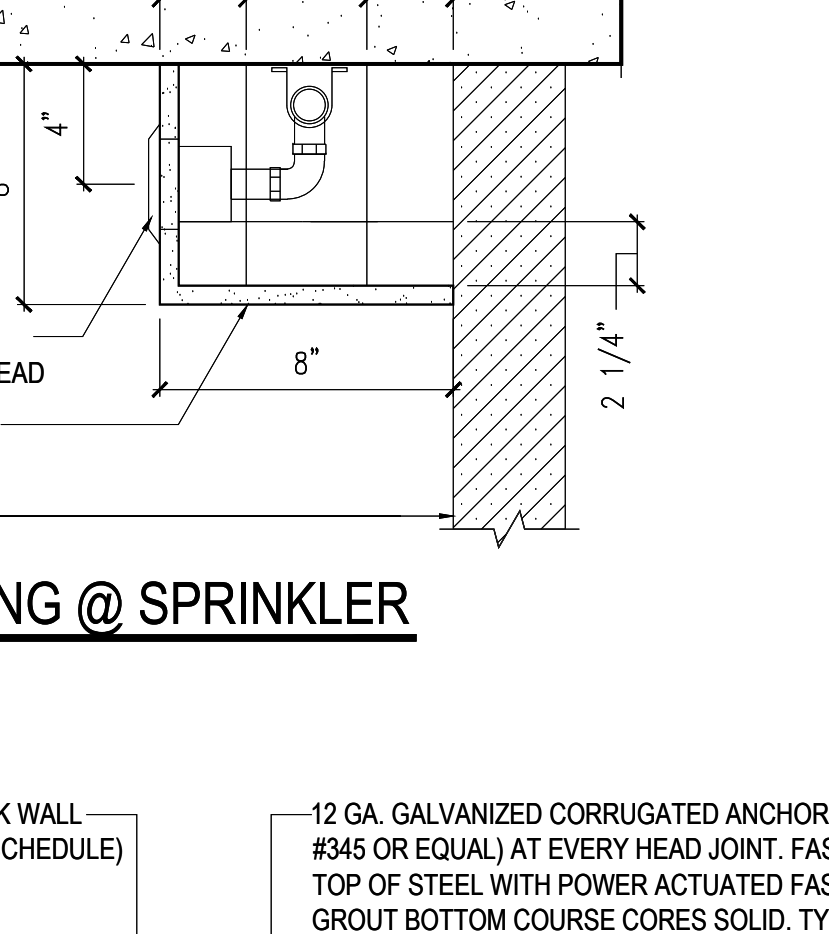
**SECT. THRU CEIL'G ACCESS DOOR**  
SCALE: N.T.S.



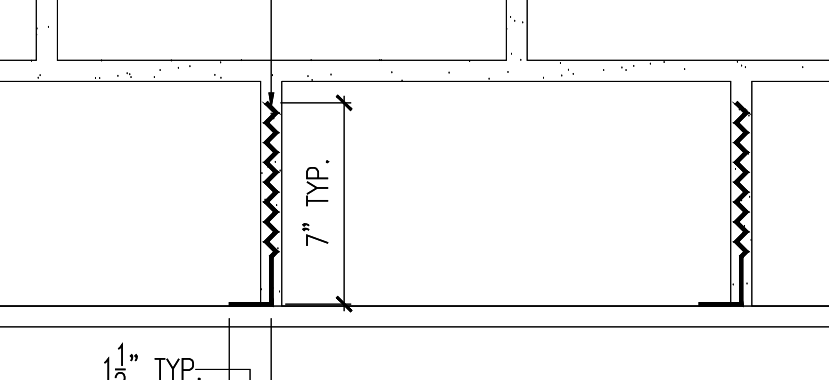
**PIPE GUARDS AT WALLS AND COLUMNS**  
SCALE: NOT TO SCALE



**1 HR FIRE RATING TYPICAL DUCT FIREPROOFING-DETAIL @ HORIZONTAL OFFSETS**  
SCALE: N.T.S.



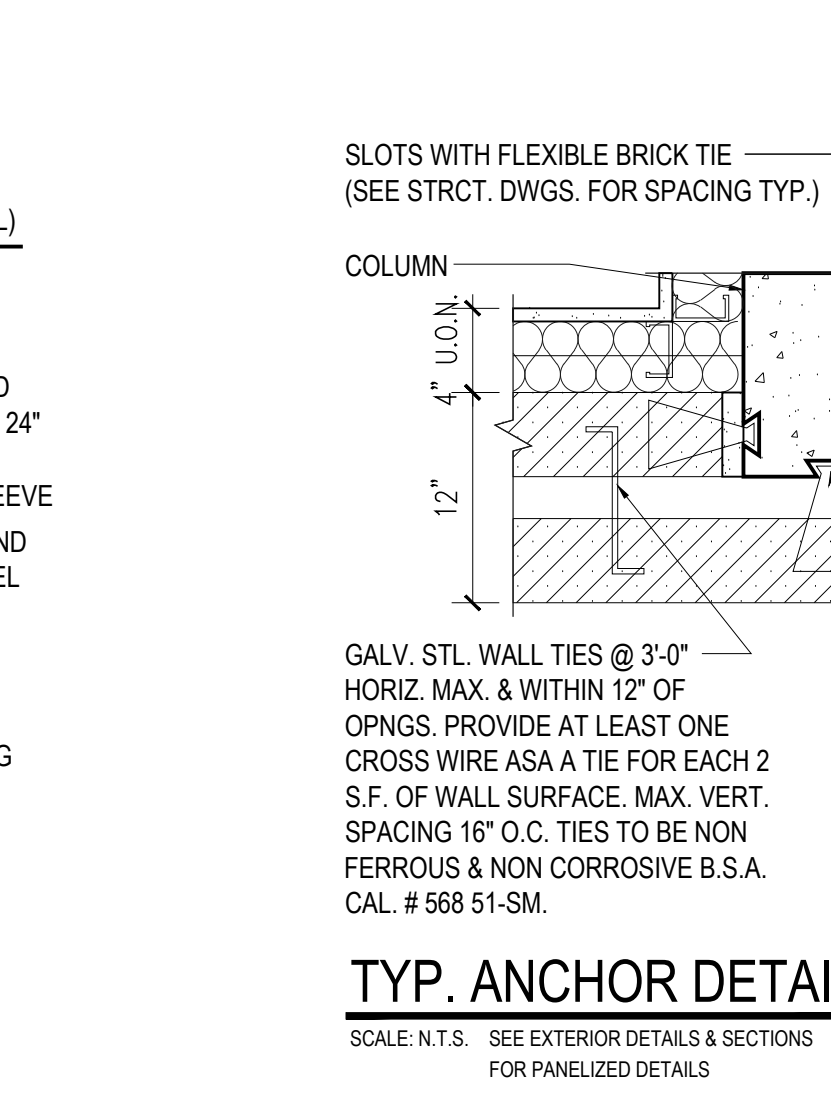
**TYP. TOP REGISTER LOCATION, U.O.N.**  
FOR BATHROOMS AND KITCHENS ONLY



**FURRING @ SPRINKLER**  
SCALE: N.T.S.



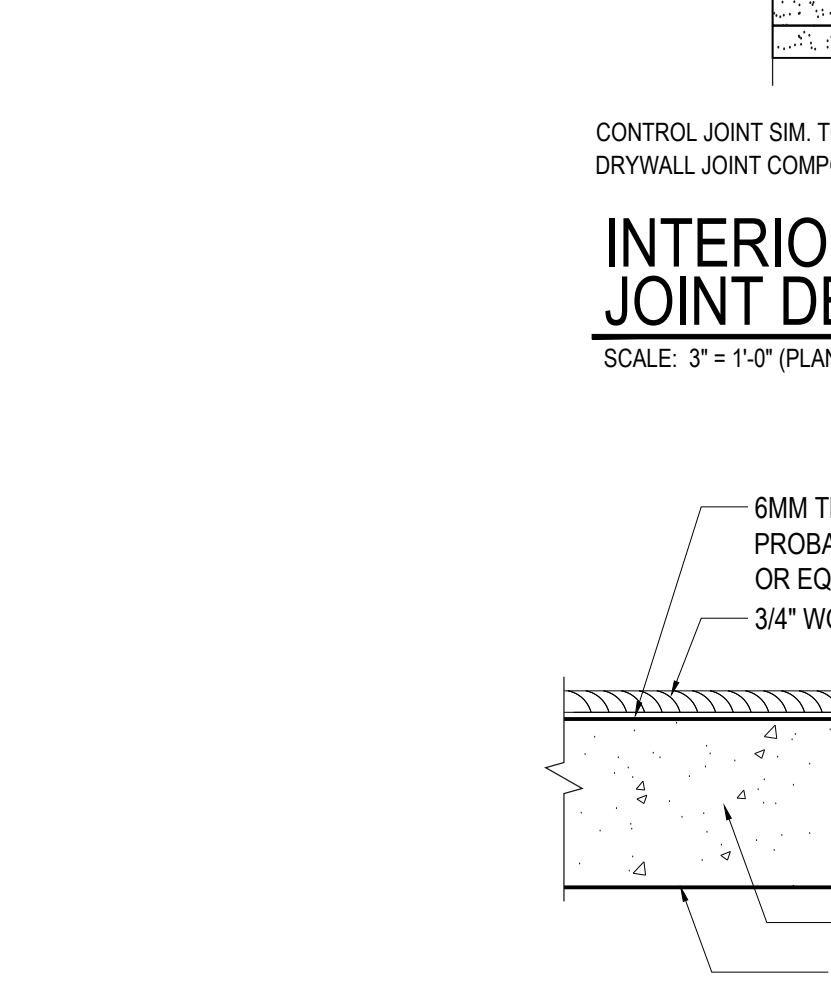
**CORRUGATED ANCHOR AT CONCRETE BLOCK ON STEEL BEAM**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



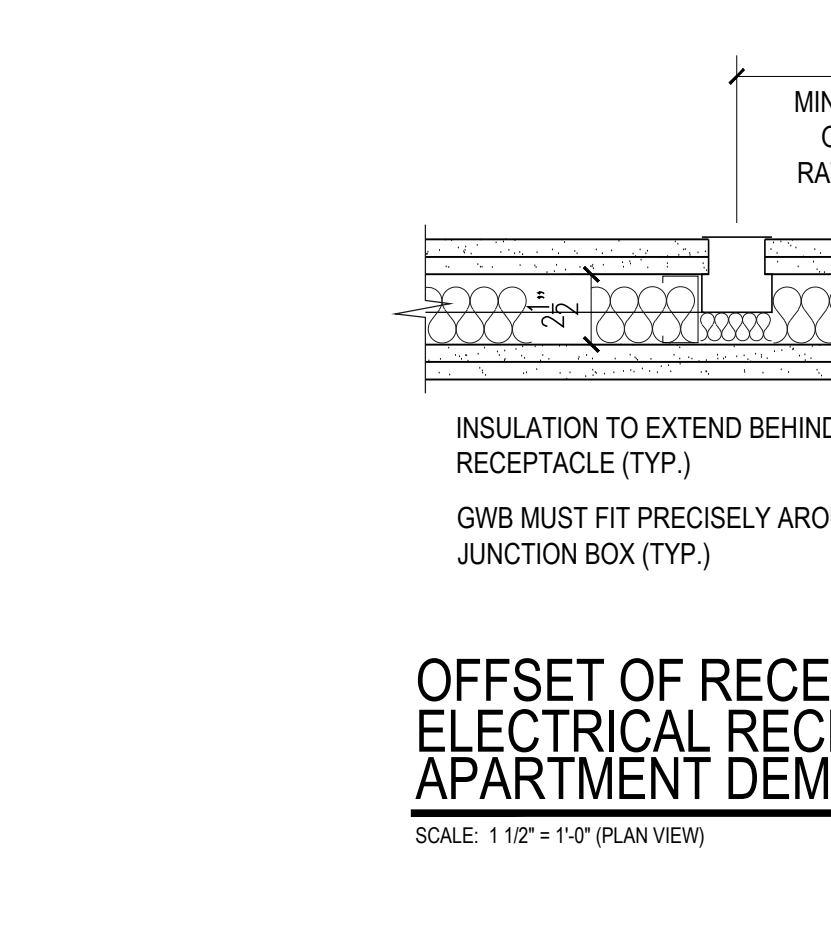
**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



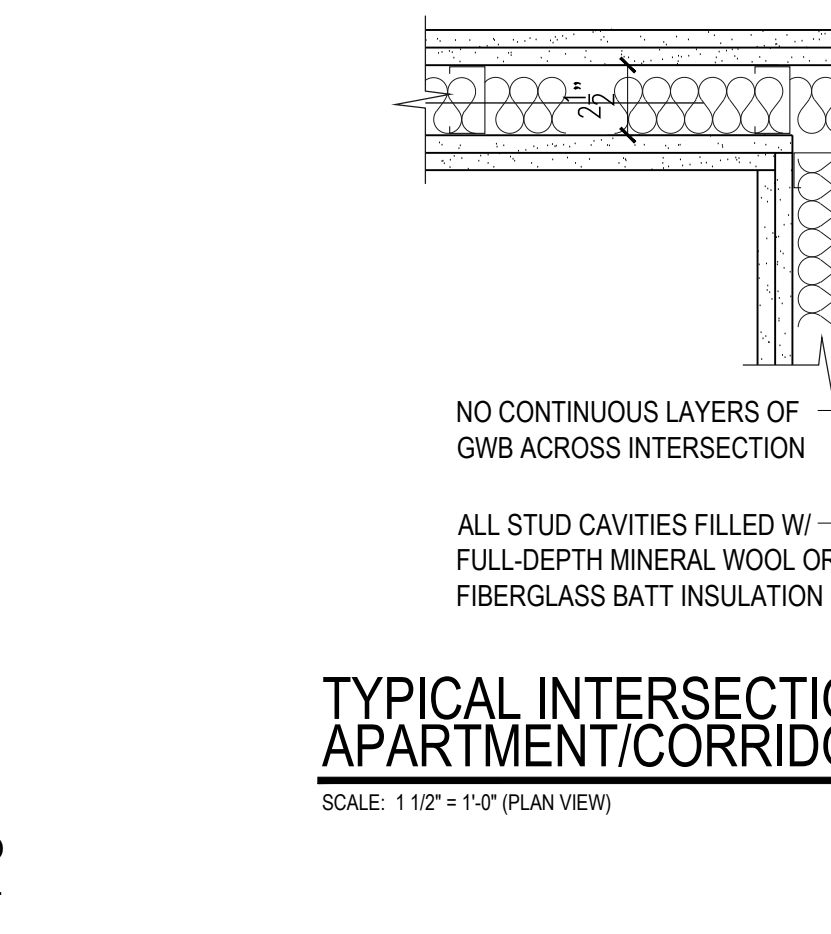
**HORIZONTAL DUCT PENETRATIONS**  
SCALE: N.T.S.



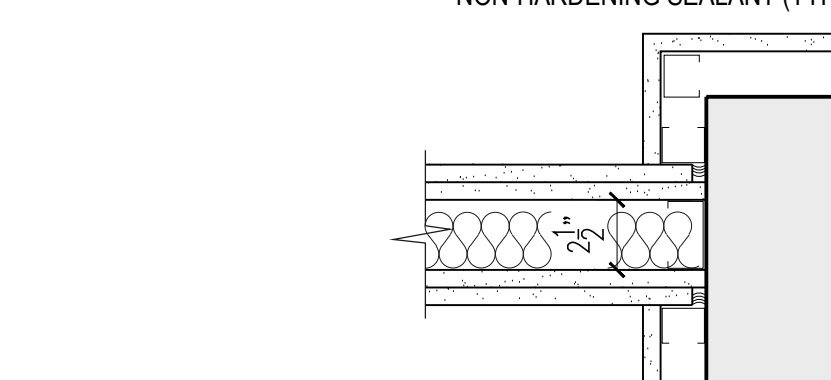
**INTERIOR CONTROL JOINT DETAIL**  
SCALE: 3/4" = 1'-0" (PLAN VIEW)



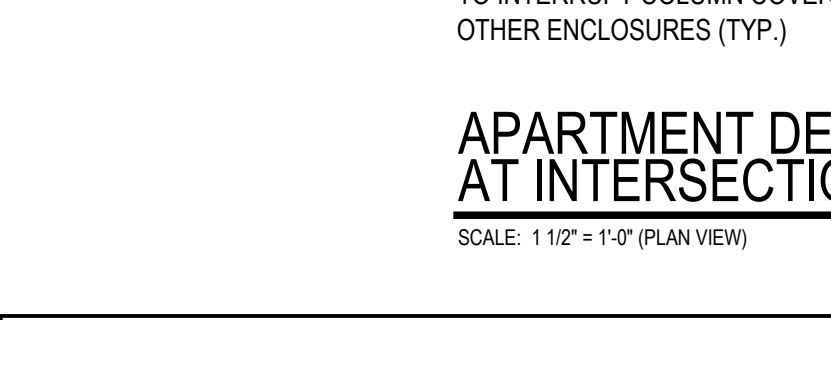
**APT FLOOR DETAIL FOR I.N.R.**  
(IMPACT NOISE REDUCTION 'R' RATING)



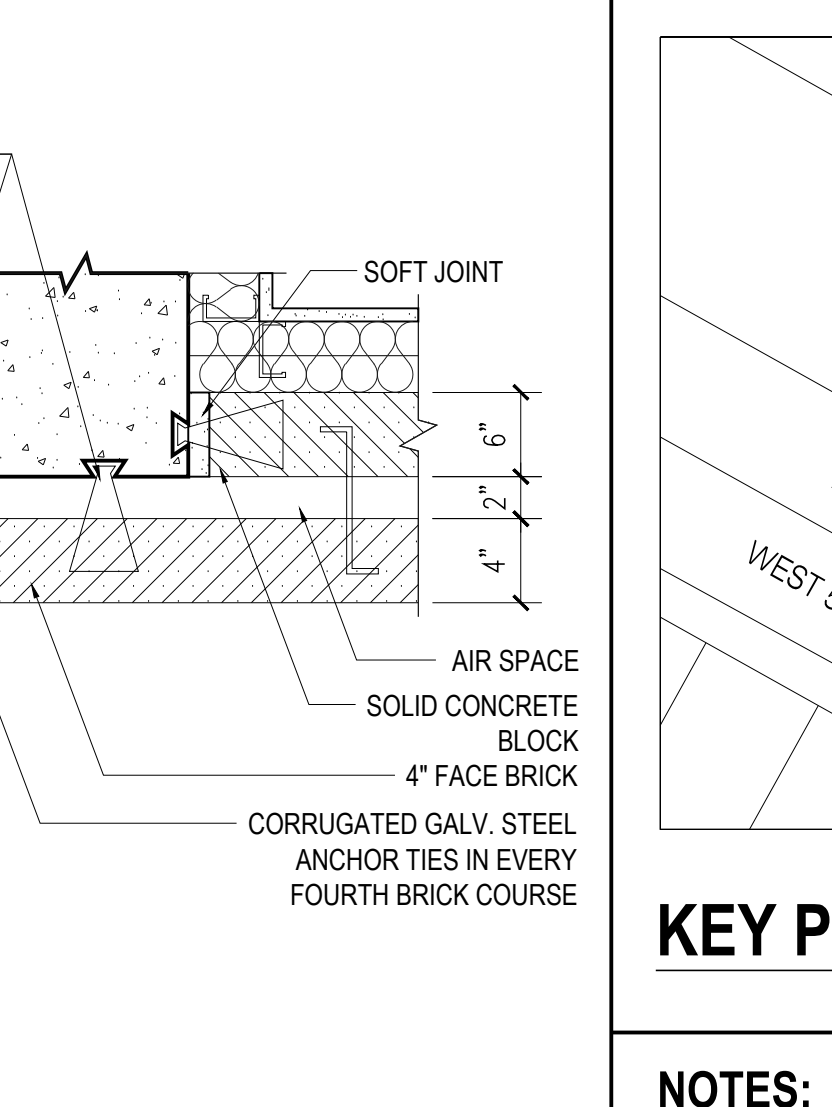
**OFFSET OF RECESSED ELECTRICAL RECEPTACLE AT TYPICAL APARTMENT DEMISING PARTITIONS**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



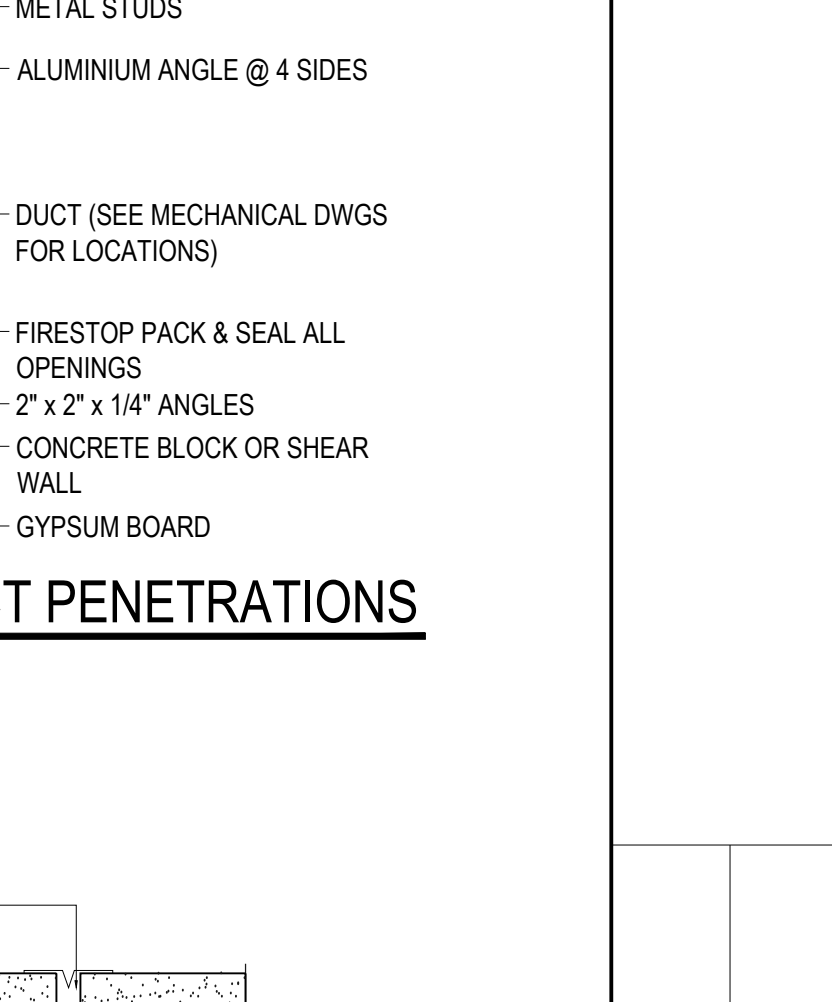
**TYPICAL INTERSECTION DETAIL AT APARTMENT CORRIDOR DEMISING PARTITION**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



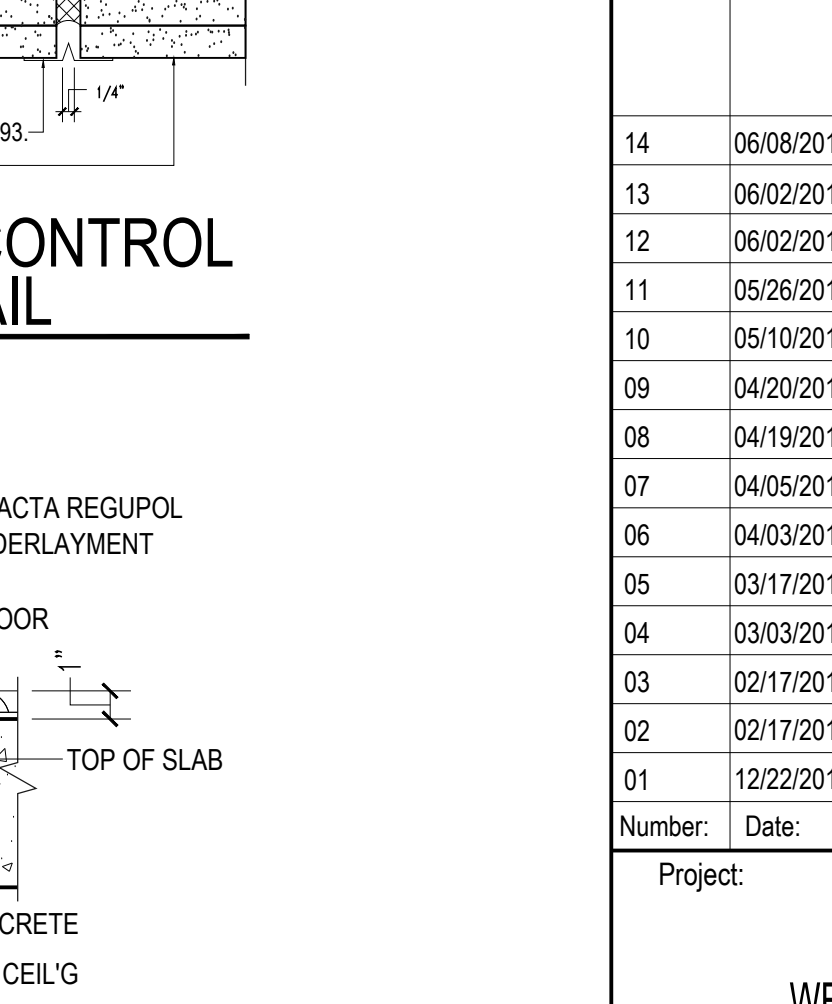
**APARTMENT DEMISING PARTITION AT INTERSECTION WITH COLUMN**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



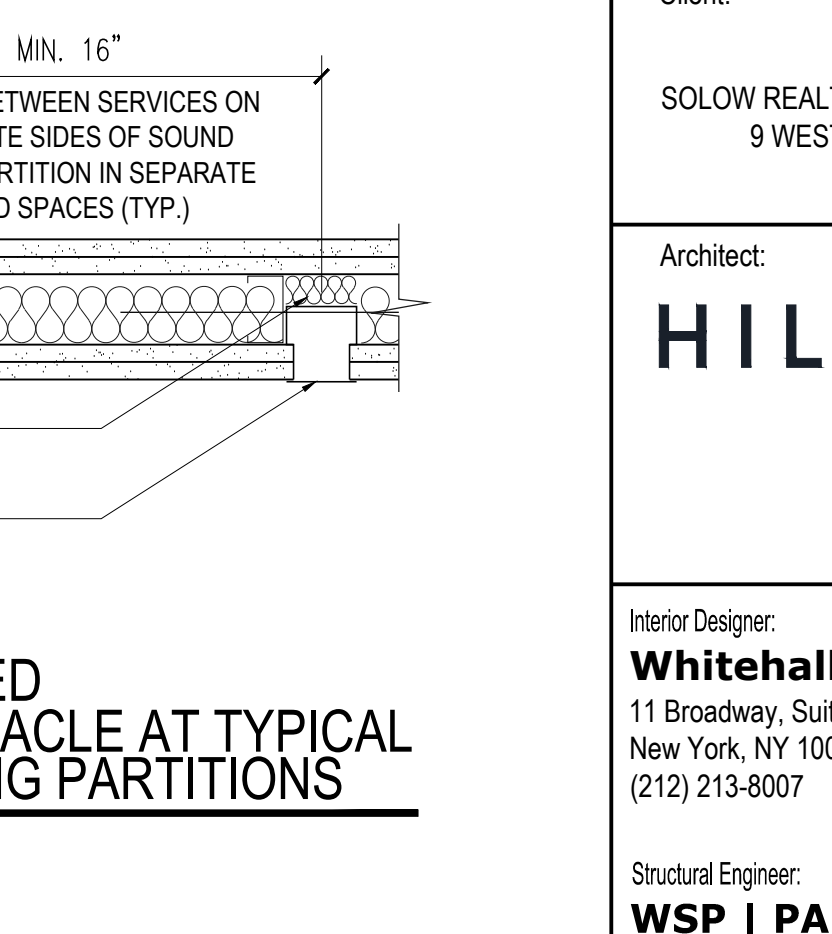
**KEY PLAN**



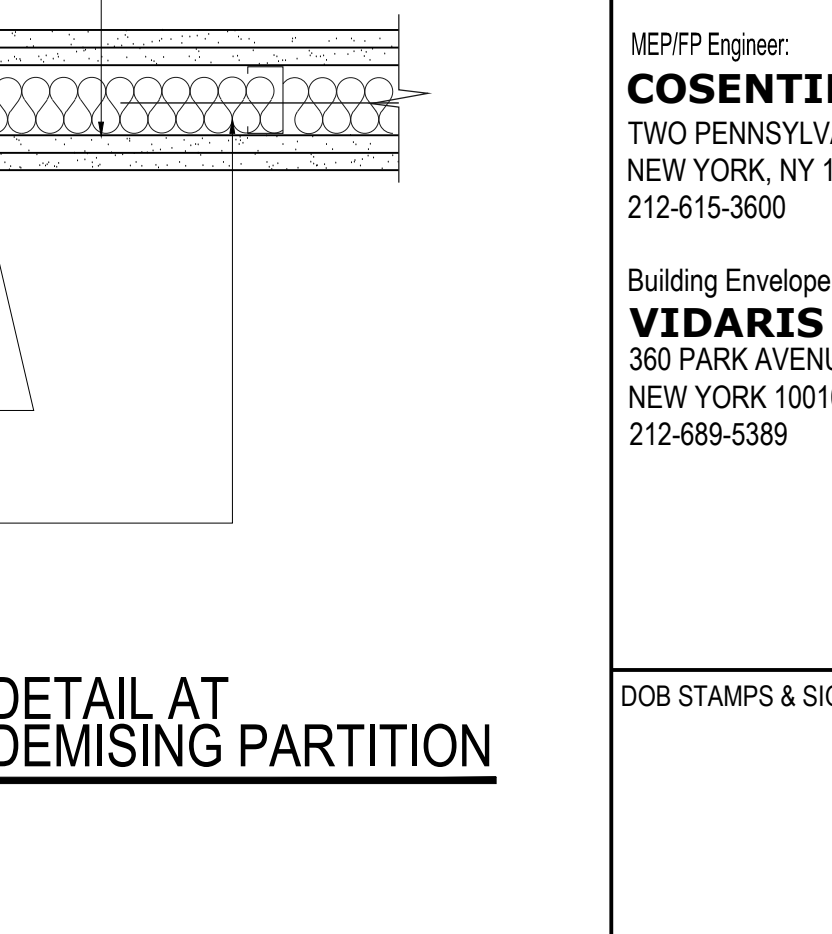
**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



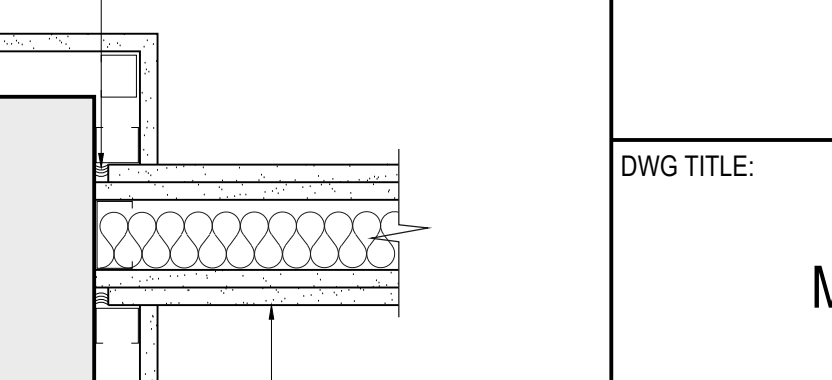
**INTERIOR CONTROL JOINT DETAIL**  
SCALE: 3/4" = 1'-0" (PLAN VIEW)



**APT FLOOR DETAIL FOR I.N.R.**  
(IMPACT NOISE REDUCTION 'R' RATING)



**OFFSET OF RECESSED ELECTRICAL RECEPTACLE AT TYPICAL APARTMENT DEMISING PARTITIONS**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



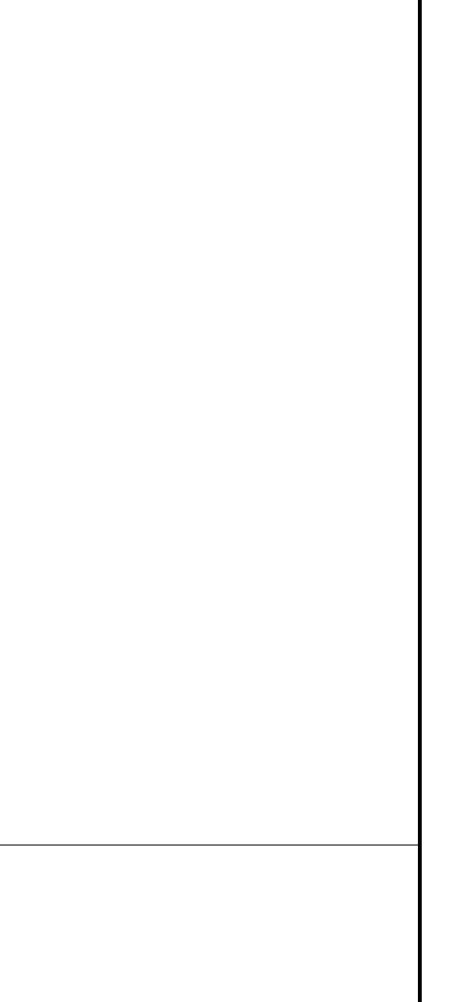
**TYPICAL INTERSECTION DETAIL AT APARTMENT CORRIDOR DEMISING PARTITION**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



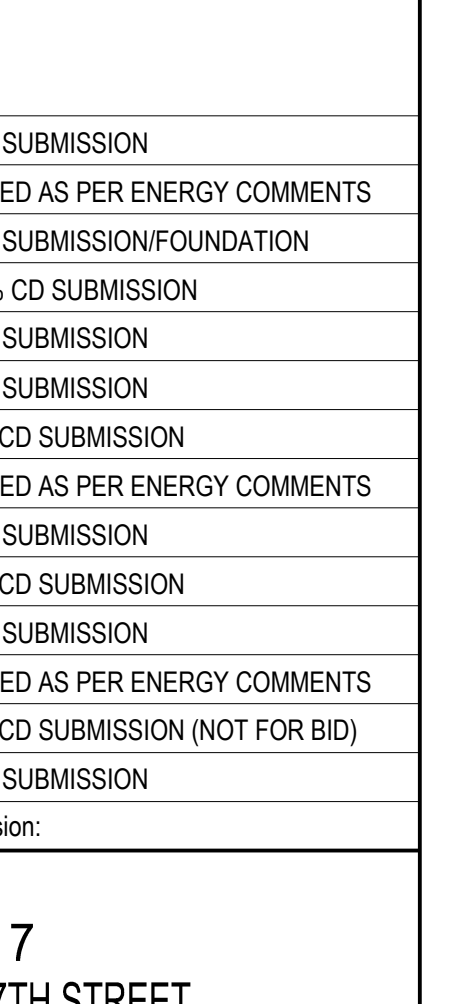
**APARTMENT DEMISING PARTITION AT INTERSECTION WITH COLUMN**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



**KEY PLAN**



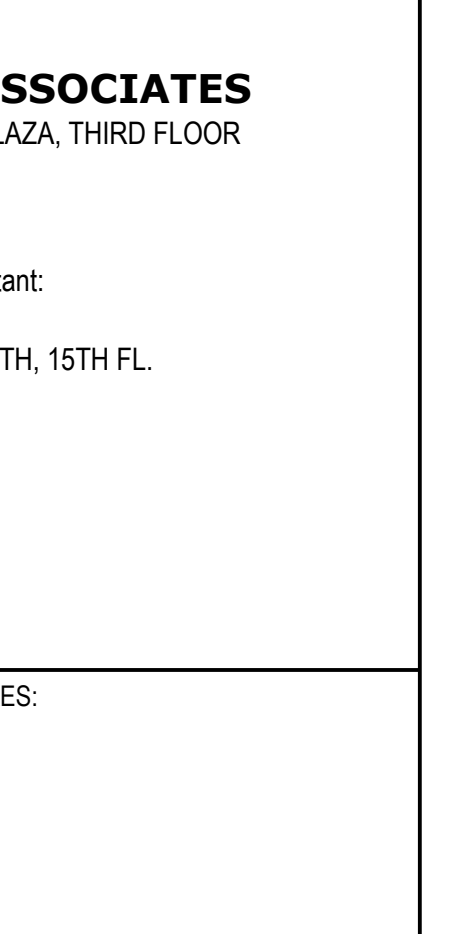
**TYP. ANCHOR DETAIL**  
SCALE: N.T.S. SEE EXTERIOR DETAILS & SECTIONS FOR PANELLED DETAILS



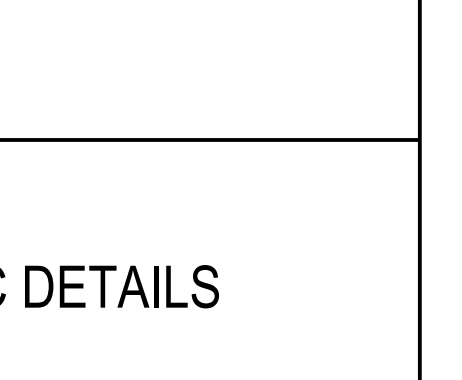
**INTERIOR CONTROL JOINT DETAIL**  
SCALE: 3/4" = 1'-0" (PLAN VIEW)



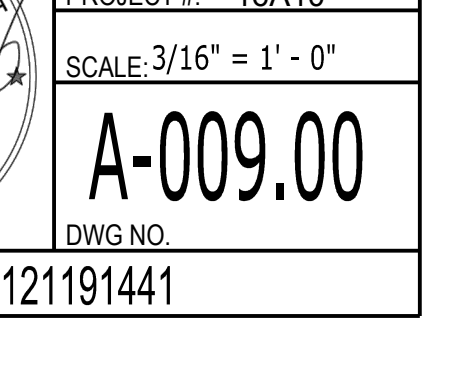
**APT FLOOR DETAIL FOR I.N.R.**  
(IMPACT NOISE REDUCTION 'R' RATING)



**OFFSET OF RECESSED ELECTRICAL RECEPTACLE AT TYPICAL APARTMENT DEMISING PARTITIONS**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



**TYPICAL INTERSECTION DETAIL AT APARTMENT CORRIDOR DEMISING PARTITION**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)



**APARTMENT DEMISING PARTITION AT INTERSECTION WITH COLUMN**  
SCALE: 1/2" = 1'-0" (PLAN VIEW)

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/12/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION
Number: _____ Date: _____ Revision: _____		
Project: 7 WEST 57TH STREET NEW YORK, NY 10019		
Client: SOLO9W57 SOLO REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019		
Architect: HILL WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212.213.8007		
Interior Designer: Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007		
Structural Engineer: WSP   PARSONS BRINCKERHOFF ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-9898		
MEP/FP Engineer: COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-8600		
Building Envelope Consultant: VIDARIS 360 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389		
DOB STAMPS & SIGNATURES:		
DWG TITLE: MISC DETAILS		



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	50% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

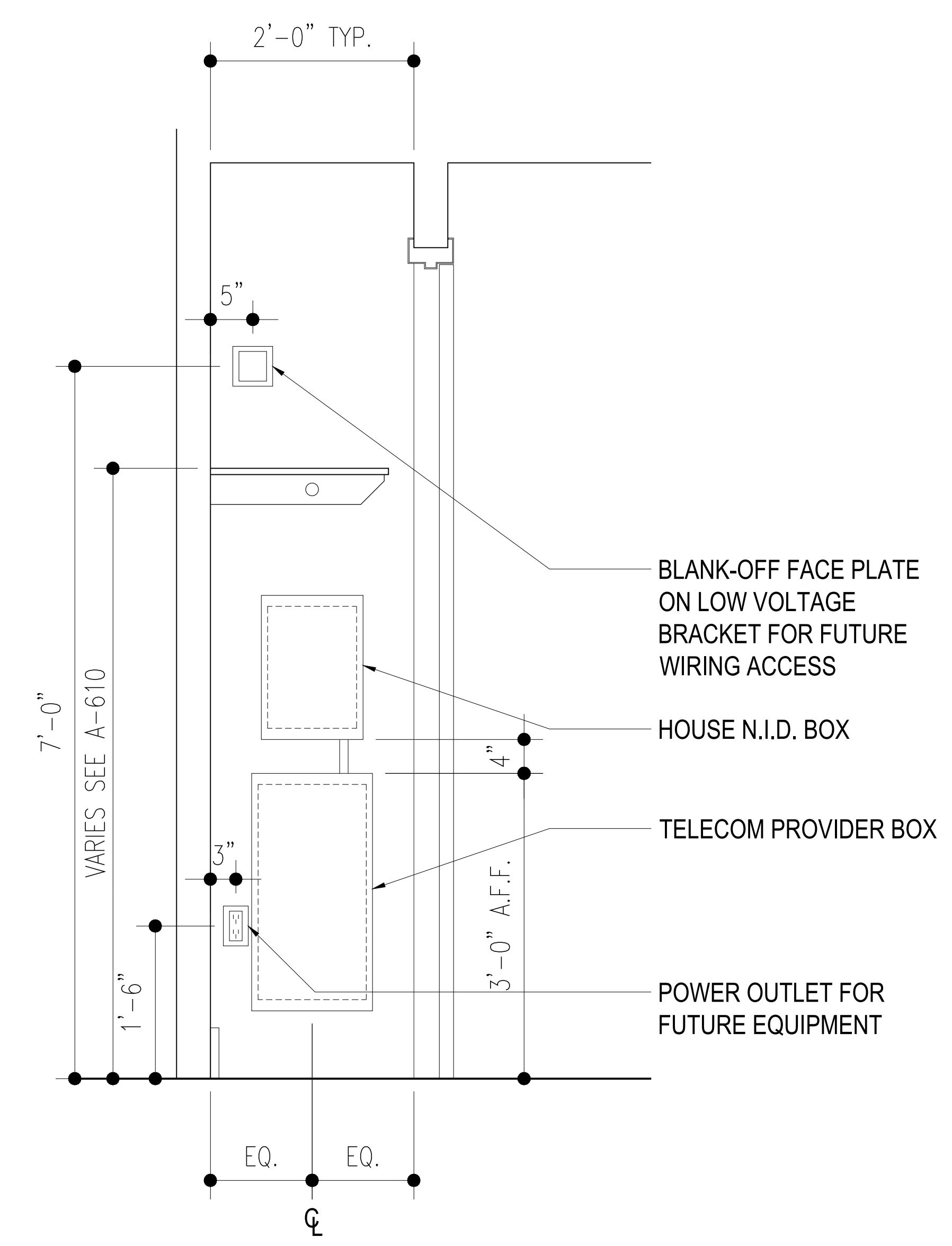
Number:	Date:	Revision:
Project:	7 WEST 57TH STREET NEW YORK, NY 10019	
Client:	SOLOW57 SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019	
Architect:	HILL   WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212.213.8007	
Interior Designer:	Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007	
Structural Engineer:	WSP   PARSONS BRINCKERHOFF ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888	
MEP/FE Engineer:	COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600	
Building Envelope Consultant:	VDARIS 580 PARK AVENUE SOUTH, 15TH FL. NEW YORK, NY 10010 212-689-5389	

DOB STAMPS & SIGNATURES:

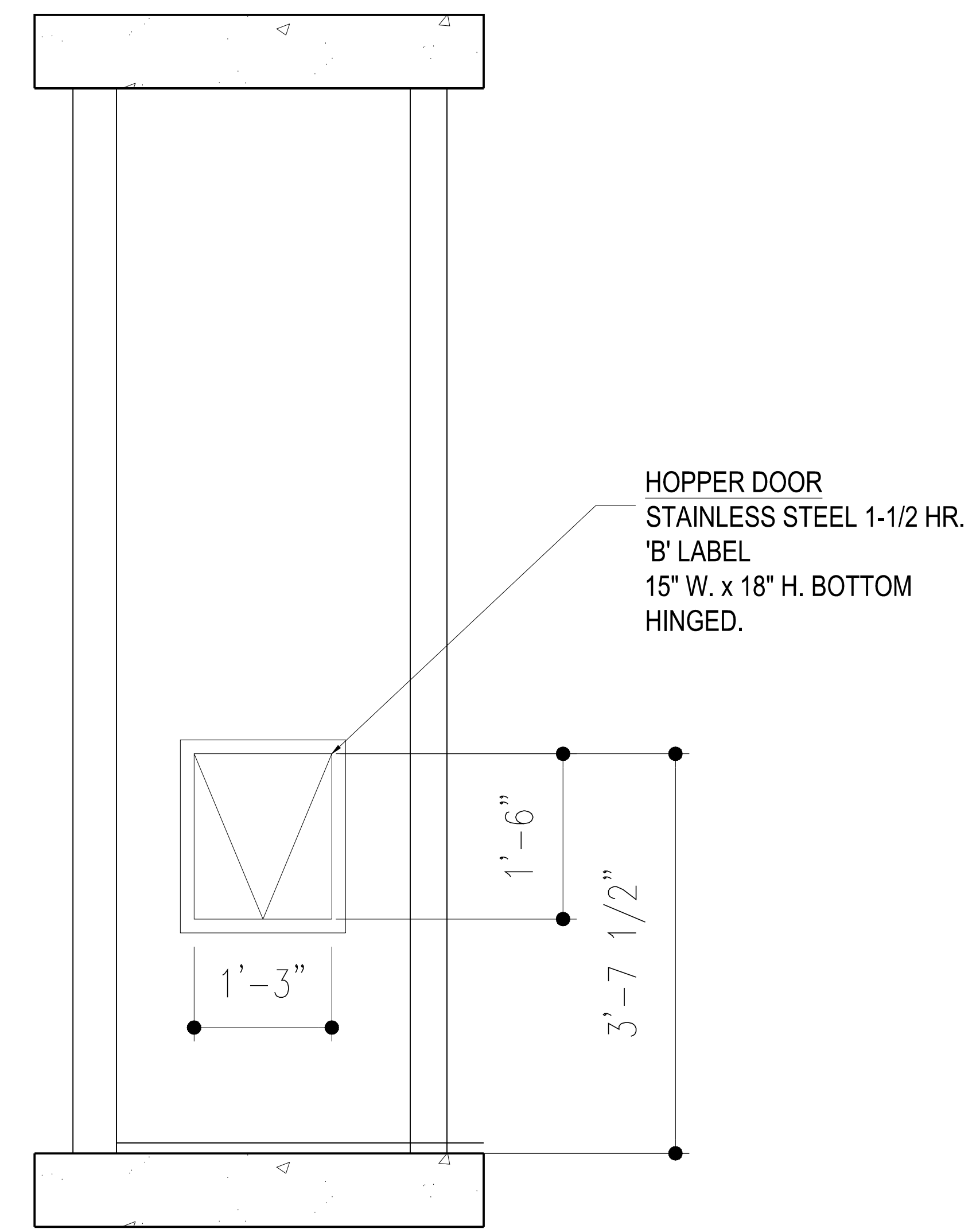
DWG TITLE:  
**MISCELLANEOUS DETAILS**

SEAL & SIGNATURE: [Blank] DATE: 05/26/2017 PROJECT # 16A10 SCALE AS NOTED DWG NO. A-010.00

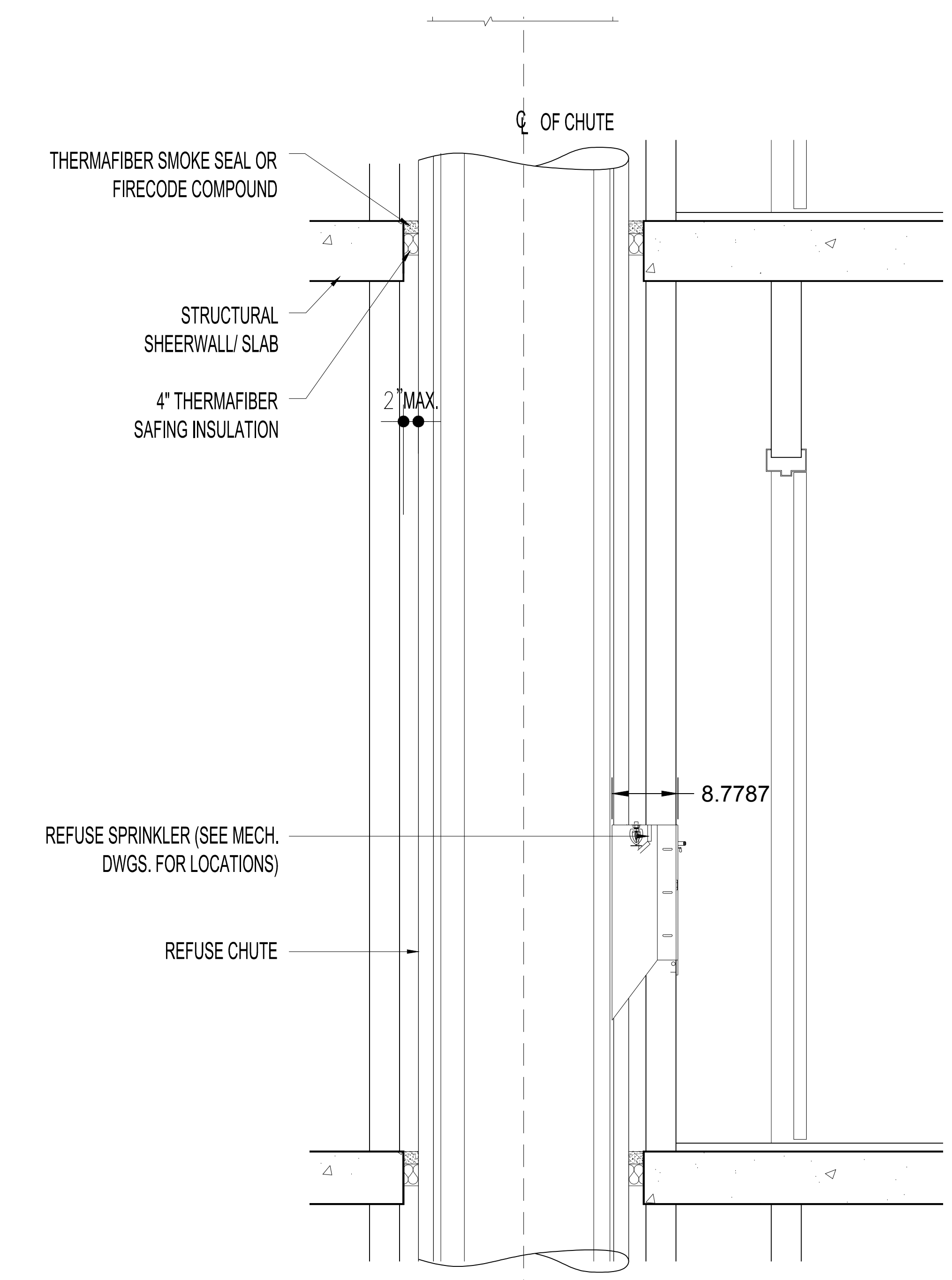
SEAL & SIGNATURE: [Blank] DATE: 05/26/2017 PROJECT # 16A10 SCALE AS NOTED DWG NO. A-010.00



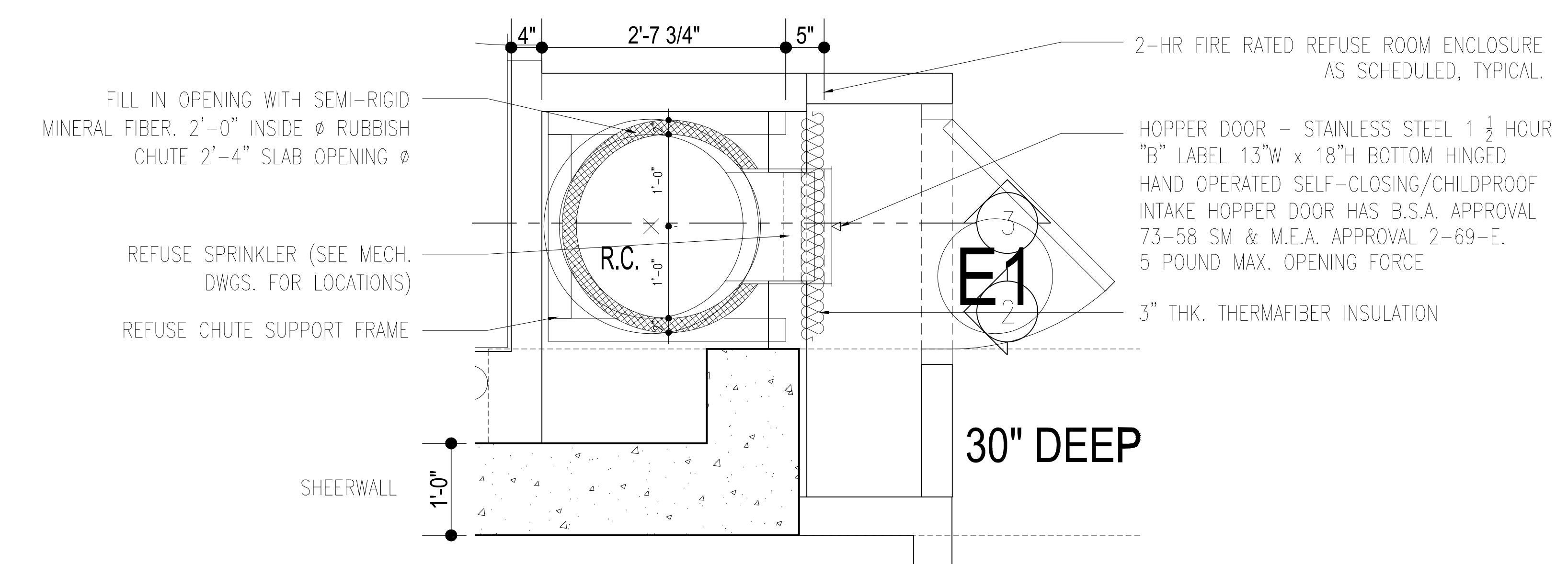
4 NID BOX LOCATION  
1" = 1'-0"



2 ELEVATION  
1" = 1'-0"



3 ELEVATION  
1" = 1'-0"



1 PLAN AT REFUSE ROOM  
1" = 1'-0"



-  Designated Historic District
-  Designated Scenic Landmark
-  Landmark
-  Landmark Interior



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number:	Date:	Revision:
7		

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007


Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEPFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

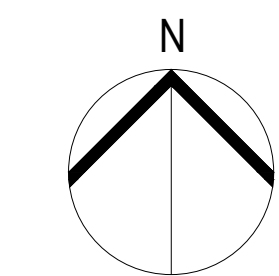
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

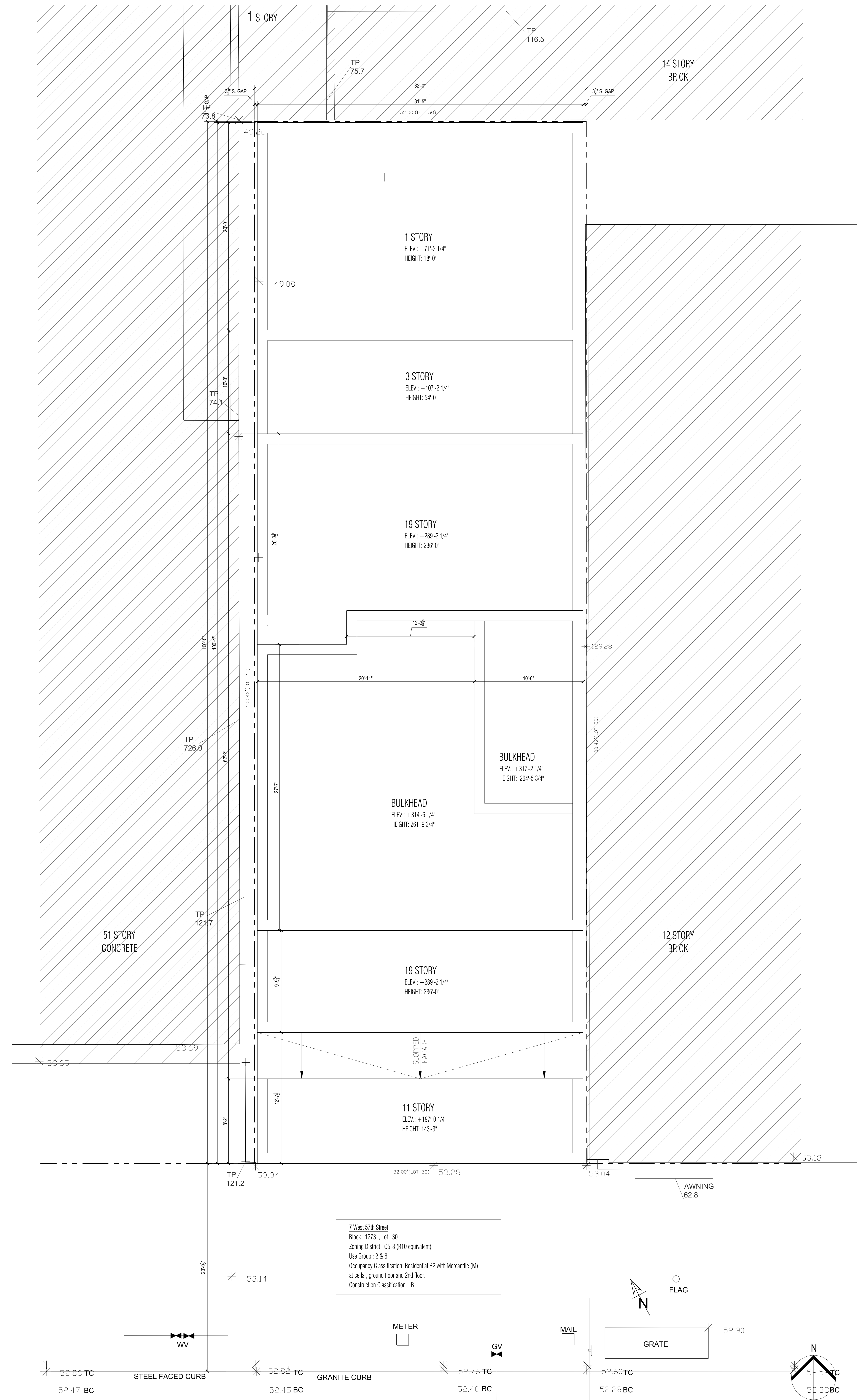
DOB STAMPS & SIGNATURES:

DWG TITLE:  
**LANDMARK MAP**

SEAL & SIGNATURE: 	DATE: 05/26/ 2017
	PROJECT #: 16A10
	SCALE: N/A
	<b>A-011.00</b>
	DWG NO.

NB#121191441





**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	80% CD SUBMISSION
07	04/15/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project:  
**7 WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLOW57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE FEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

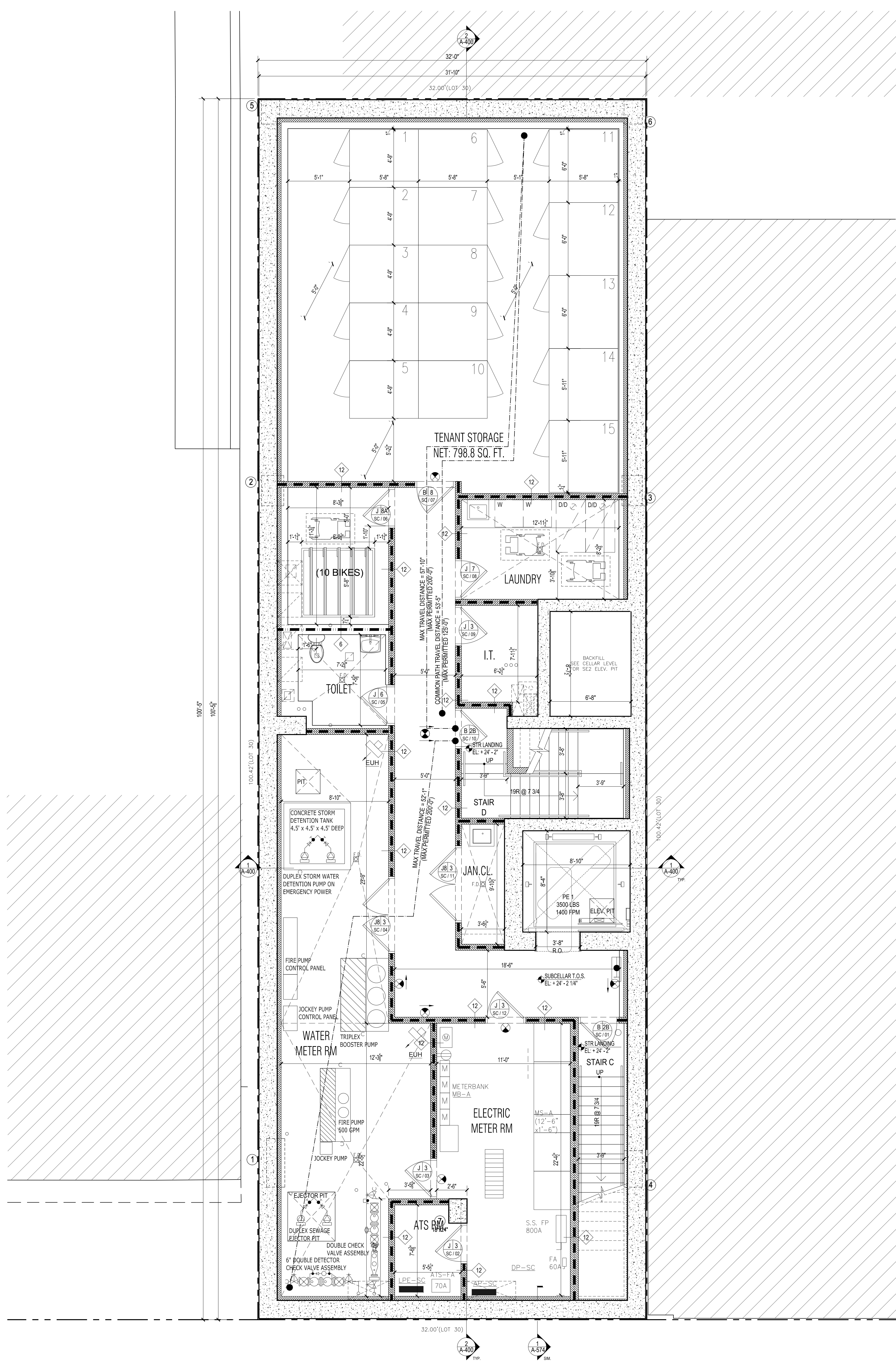
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

**DOB STAMPS & SIGNATURES:**

DWG TITLE:  
**SITE PLAN**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 05/26/2017  
 PROJECT #: 16A10  
 SCALE: 1/4" = 1'-0"  
**A-050.00**  
 DWG NO.  
 NB#121191441



**1 SUBCELLAR FLOOR PLAN**  
SCALE: 1/4"=1'-0"

SUBCELLAR FLOOR RESIDENTIAL (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
TYPE R-2, F-2, S-2			
STORAGE (S-2)	799 SQ. FT.	300	3
BIKE ROOM (R-2)	88 SQ. FT.	300	1
LAUNDRY	108 SQ. FT.	300	1
I.T. (F-2)	52 SQ. FT.	300	1
JAN. CL. (F-2)	33 SQ. FT.	300	1
WATER METER ROOM (F-2)	458 SQ. FT.	300	2
ATS ROOM (F-2)	40 SQ. FT.	300	1
ELECTRIC METER RM. (F-2)	227 SQ. FT.	300	1
<b>TOTAL</b>			<b>10</b>

EGRESS CALCULATION PER B.C. 1004.1.1			
STAIR CAPACITY	WIDTH PER OCC.	WIDTH	OCCUPANT
0.3	(2) 44"		293 PERSONS MAX
0.2	(2) 36"		360 PERSONS MAX

CONSTRUCTION CLASS 1B

NOTE:  
ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED  
ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1 - 1 1/2 HR. RATED F.R.S.C.

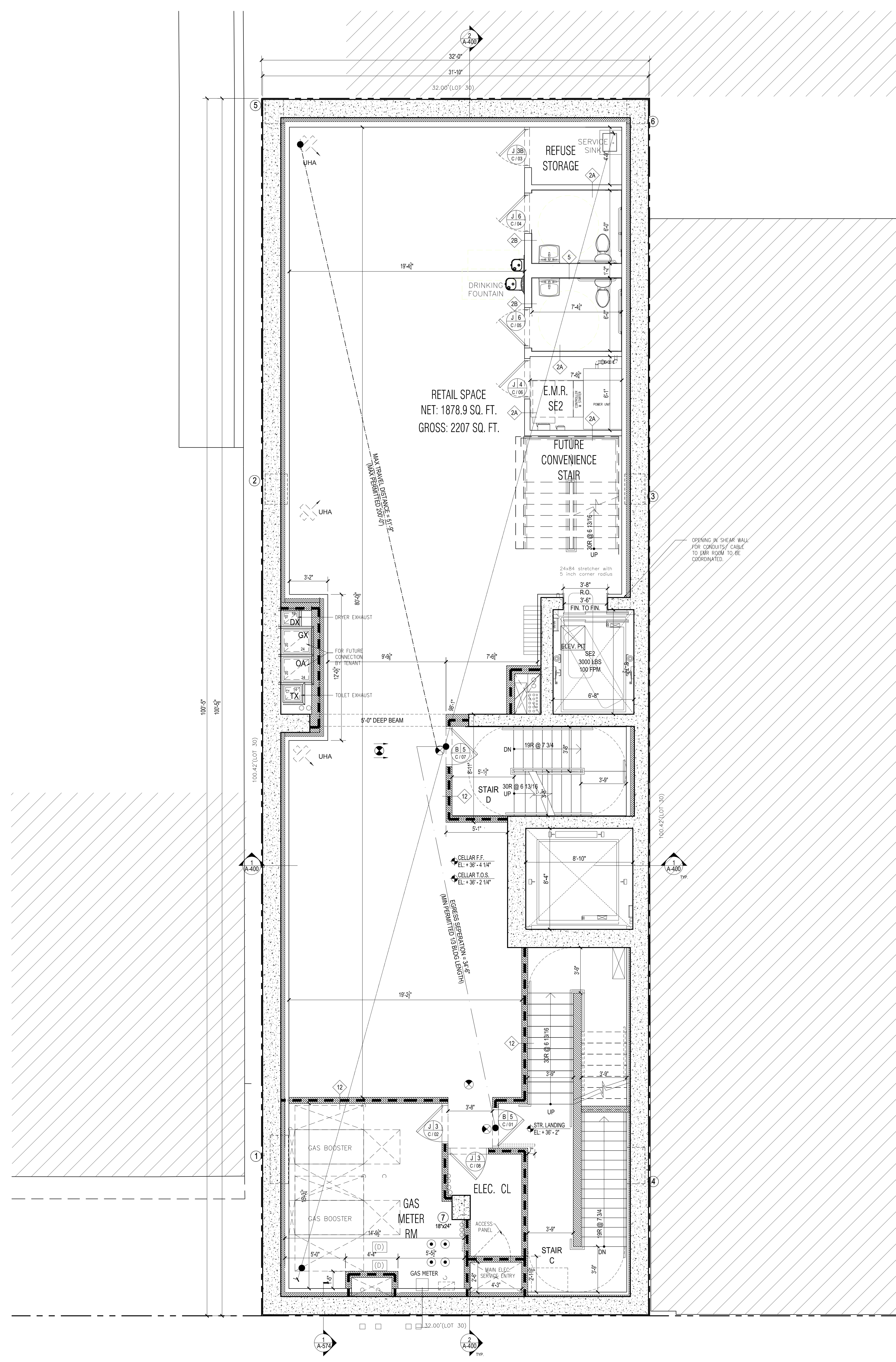
FULL COMPLIANCE WITH NYC E.C.C.  
ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.

**FIRE SEPARATION LEGEND:**

A-FIRE-WALL-1HR - - - - -

A-FIRE-WALL-2HR - - - - -

A-FIRE-WALL-3HR - - - - -



**2 CELLAR FLOOR PLAN**  
SCALE: 1/4"=1'-0"

CELLAR FLOOR RESIDENTIAL (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
TYPE R-2, F-2, S-2			
GAS METER RM (F-2)	213 SQ. FT.	300	1
<b>TOTAL</b>			<b>1</b>

EGRESS CALCULATION PER B.C. 1004.1.1			
STAIR CAPACITY	WIDTH PER OCC.	WIDTH	OCCUPANT
0.3	(2) 44"		293 PERSONS MAX
0.2	(2) 36"		360 PERSONS MAX

CONSTRUCTION CLASS 1B

NOTE:  
ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED  
ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1 - 1 1/2 HR. RATED F.R.S.C.

FULL COMPLIANCE WITH NYC E.C.C.  
ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.

CELLAR FLOOR RETAIL (USE GROUP 6)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	GROSS FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
RETAIL	2207 SQ. FT.	58	74

EGRESS CALCULATION PER B.C. 1004.1.1			
STAIR CAPACITY	WIDTH PER OCC.	WIDTH	OCCUPANT
0.3	(2) 44"		293 (COMPLIES)
0.2	(2) 36"		360 (COMPLIES)

CONSTRUCTION CLASS 1B

NOTE:  
FULL COMPLIANCE WITH NYC E.C.C.  
ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.  
INTENDS TO BE FULLY UNDER SEPARATE APPLICATION.



**KEY PLAN**

**NOTES:**

16	10/06/2017	ADDENDUM 2
15	08/15/2017	ADDENDUM 1
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:

Project:  
**7 WEST 57TH STREET**  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PERI PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
580 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

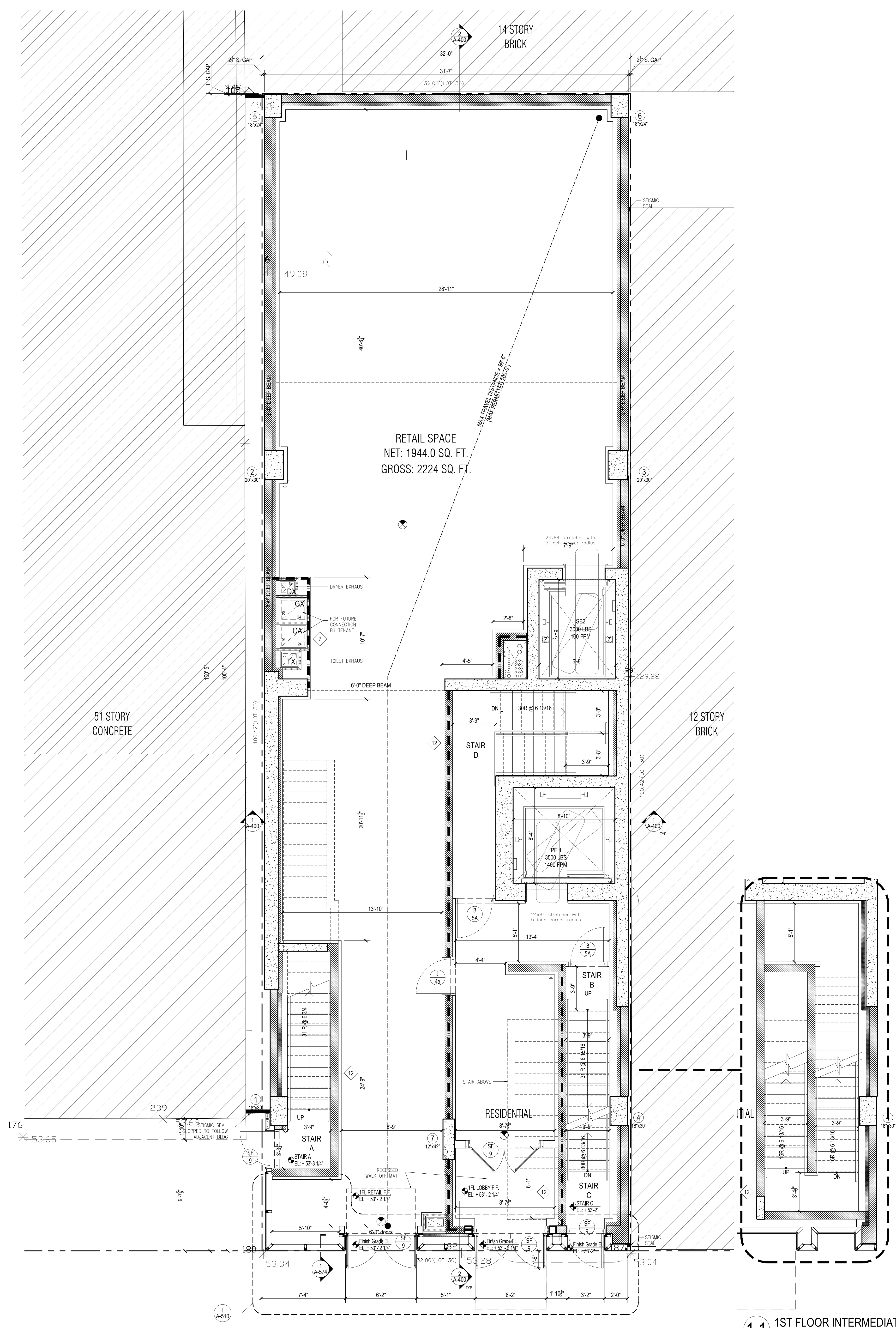
DOB STAMPS & SIGNATURES:

DWG TITLE:  
**SUBCELLAR & CELLAR FLOOR PLAN**

SEAL & SIGNATURE:

DATE: 10/06/2017  
PROJECT #: 16A10  
SCALE: 1/4" = 1'-0"  
**A-100.00**  
DWG NO.

NB#12191441



1 1ST FLOOR PLAN  
SCALE: 1/4"=1'-0"

1ST FLOOR RESIDENTIAL (USE GROUP 2)			
OCCUPANCY TYPE R-2	PER B.C. 1004.1.1	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
RESIDENTIAL LOBBY	325 SQ. FT.	15	22
<b>TOTAL</b>	325 SQ. FT.	0	22
EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	(2) 44"	293 PERSONS MAX	
DOOR CAPACITY	(2) 36"	360 PERSONS MAX	
CONSTRUCTION CLASS I-8			
NOTE: ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED F.R.S.C. FULL COMPLIANCE WITH NYCECC ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.			

CONVERGENCE ANALYSIS (USE GROUP 2 & 4)				
OCCUPANCY TYPE	PER B.C. 1004.1.1	GROSS AREA	OCCUPANT COUNT	OCCUPANT COUNT OVERALL
GAS METER RM. (F-2)		300	1	
CELLAR RETAIL (M)		2077	30	75
<b>CELLAR TOTAL</b>				<b>76</b>
RESIDENTIAL LOBBY (R-2)		325	22	
1ST FL. RETAIL (M)		2346	30	74 (SEPARATE EXIT)
1ST FL. (R-2)		0	0	22
2ND FL. (R-2)		0	0	
2ND FL. RETAIL (M)		1921	30	64
<b>2ND FL. TOTAL</b>				<b>64</b>
<b>OVERALL TOTAL</b>				<b>92</b>
CONSTRUCTION CLASS I-8				
NOTE: FULL COMPLIANCE WITH NYCECC ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE. INTERIORS TO BE FILED UNDER SEPARATE APPLICATION.				

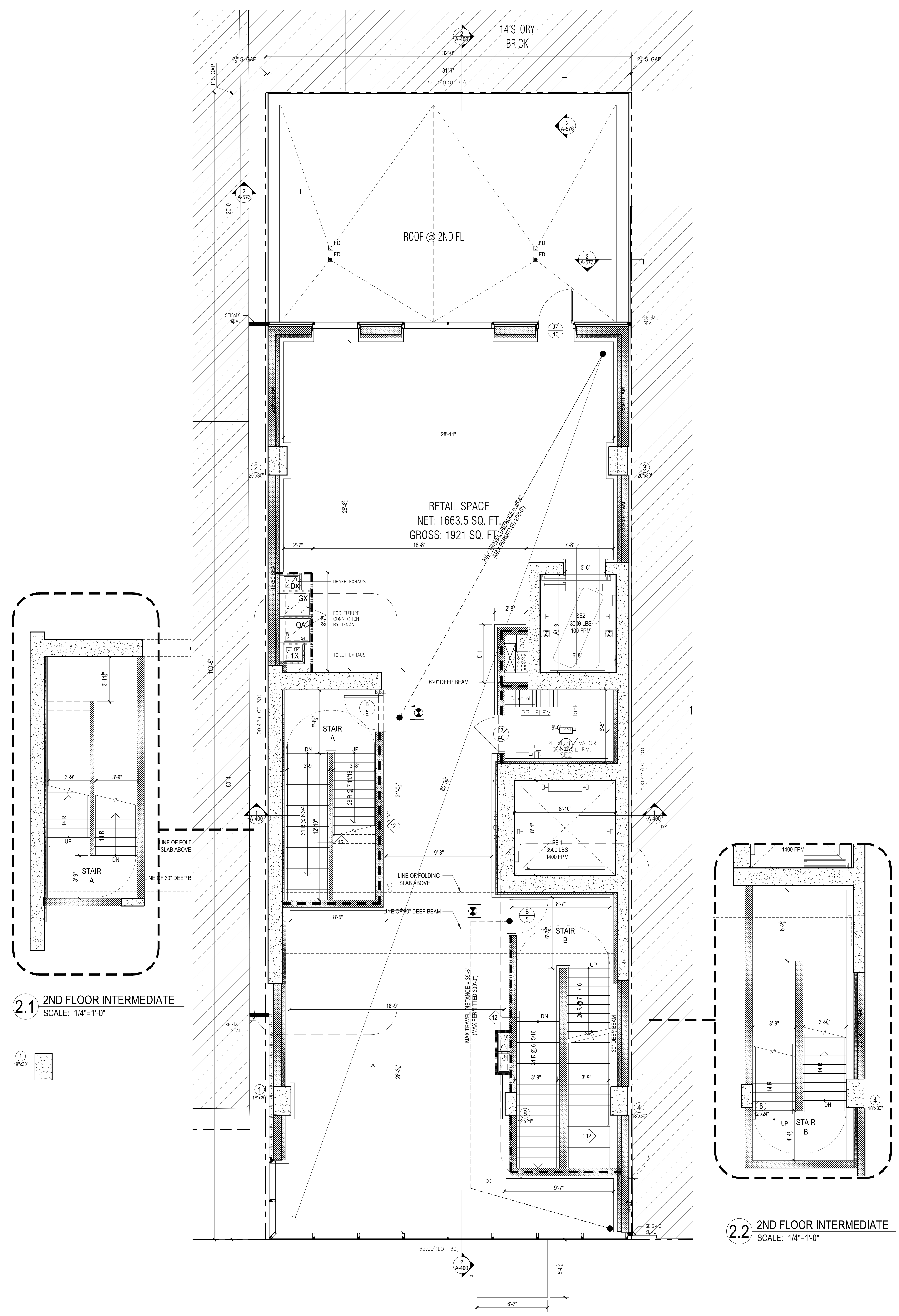
1ST FLOOR RETAIL (USE GROUP 6)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	GROSS AREA	OCCUPANT COUNT
RETAIL		2224	30
<b>TOTAL</b>			<b>74</b>
EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	0.3	(2) 44" 293 (COMPLIES)	
DOOR CAPACITY	0.2	(2) 36" 360 (COMPLIES)	
CONSTRUCTION CLASS I-8			
NOTE: FULL COMPLIANCE WITH NYCECC ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE. INTERIORS TO BE FILED UNDER SEPARATE APPLICATION.			

FIRE SEPARATION LEGEND:

A-FIRE WALL-1HR

A-FIRE WALL-2HR

A-FIRE WALL-3HR



2 2ND FLOOR PLAN  
SCALE: 1/4"=1'-0"

2ND FLOOR RESIDENTIAL (USE GROUP 2)			
OCCUPANCY TYPE R-2	PER B.C. 1004.1.1	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
NONE		0	15
<b>TOTAL</b>		0	0
EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	0.3	(2) 44" 293 PERSONS MAX	
DOOR CAPACITY	0.2	(2) 36" 360 PERSONS MAX	
CONSTRUCTION CLASS I-8			
NOTE: ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED F.R.S.C. FULL COMPLIANCE WITH NYCECC ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.			

2ND FLOOR RETAIL (USE GROUP 6)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	GROSS AREA	OCCUPANT COUNT
RETAIL		1921	30
<b>TOTAL</b>			<b>64</b>
EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	0.3	(2) 44" 293 (COMPLIES)	
DOOR CAPACITY	0.2	(2) 36" 360 (COMPLIES)	
CONSTRUCTION CLASS I-8			
NOTE: FULL COMPLIANCE WITH NYCECC ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE. INTERIORS TO BE FILED UNDER SEPARATE APPLICATION.			



NOTES:

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11	05/26/2017	100% CD SUBMISSION
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08	04/19/2017	90% CD SUBMISSION
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06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
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03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

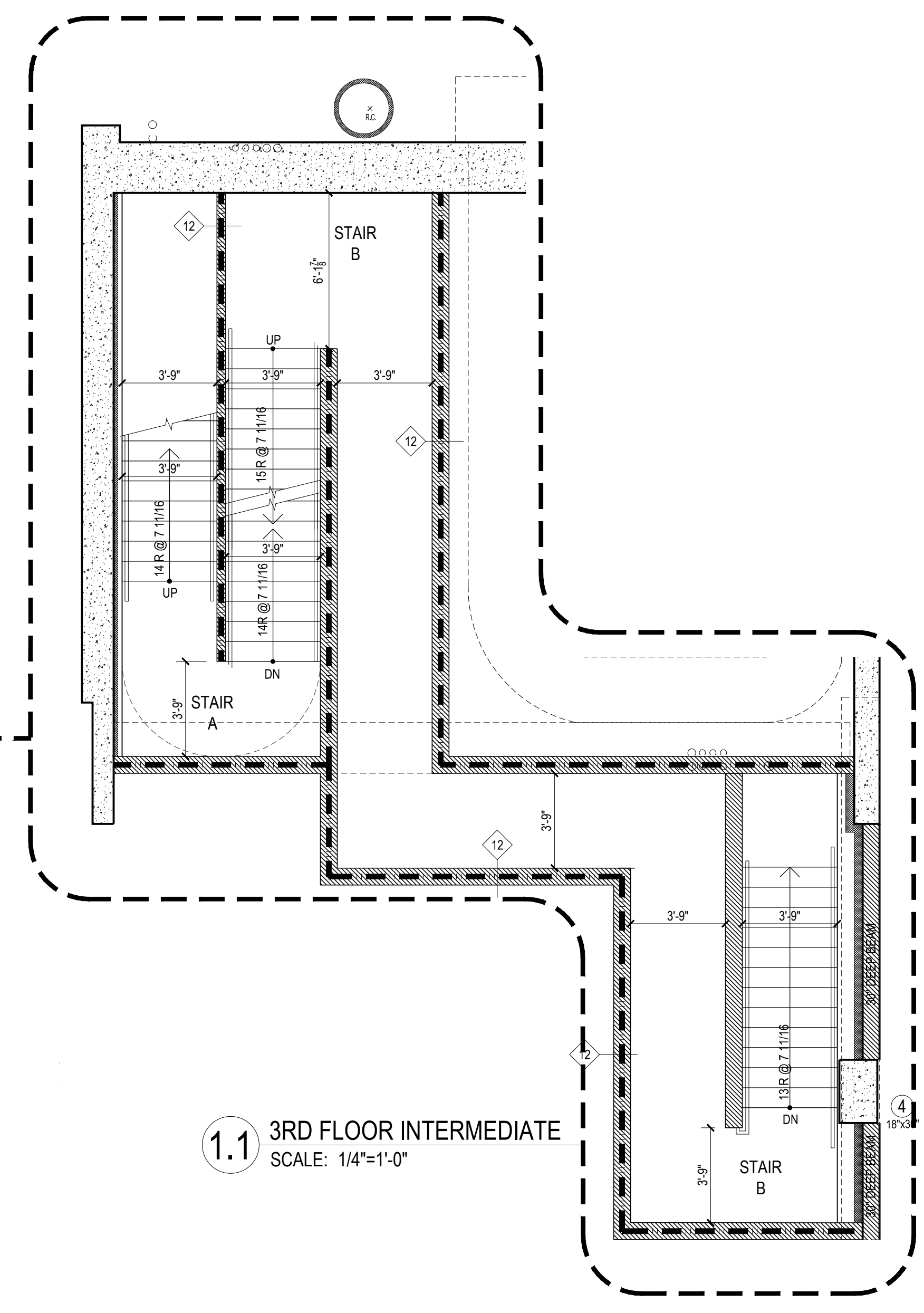
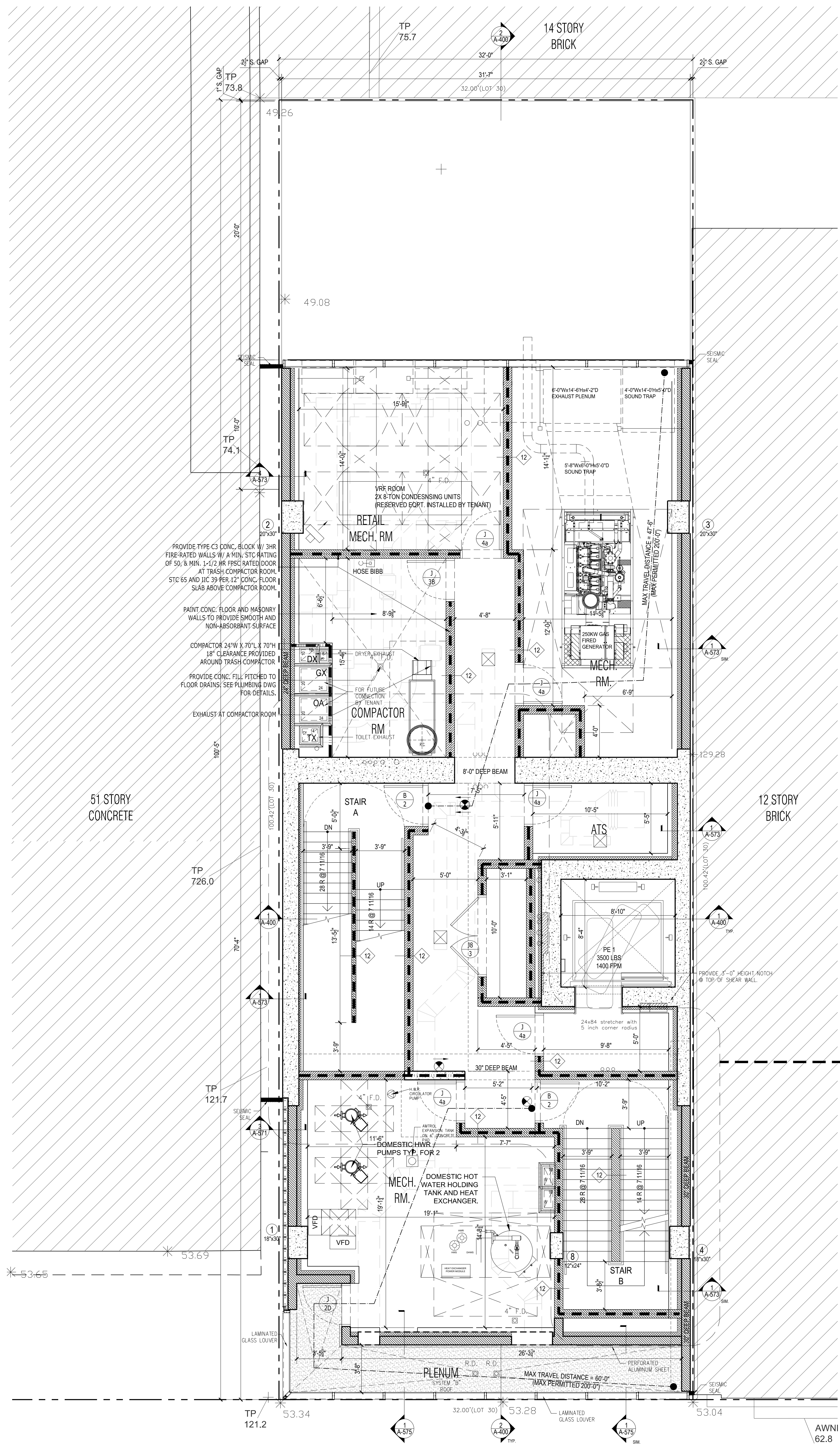
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**1ST - 2ND FLOOR PLAN**

SEAL & SIGNATURE:

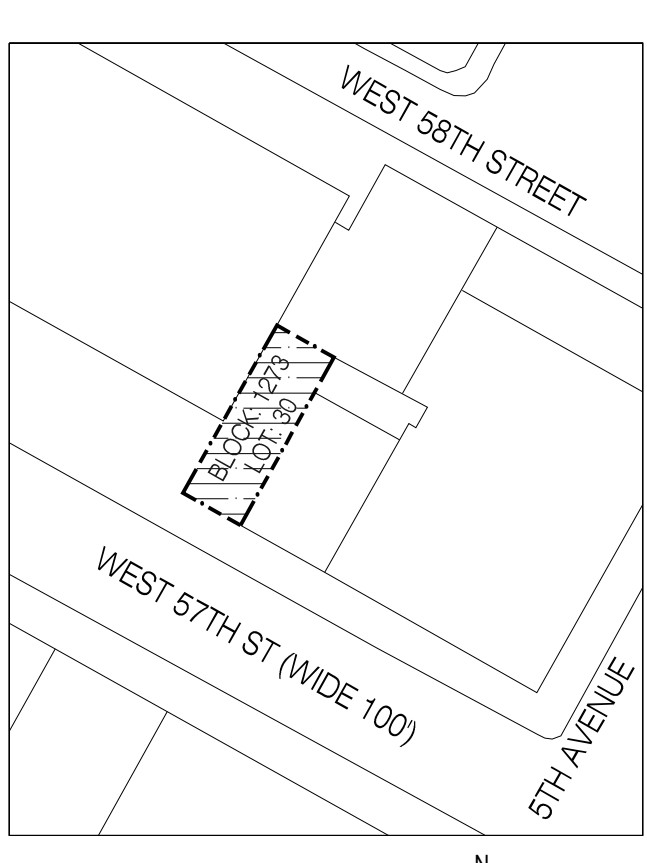
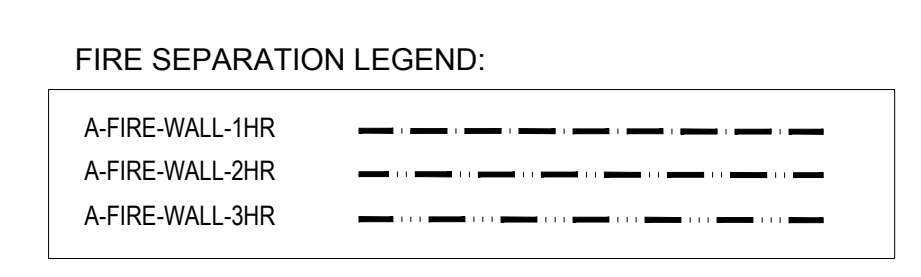
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: N.T.S.  
**A-101.00**  
DWG NO.  
NB#12191441



1 3RD FLOOR PLAN  
SCALE: 1/4"=1'-0"

3RD FLOOR RESIDENTIAL (USE GROUP 2)				EGRESS CALCULATION PER B.C. 1004.1.1			
PER B.C. 1004.1.1		PER B.C. 1004.1.1		WIDTH PER OCC.		OCCUPANT	
TYP	NET AREA	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT	STAIR CAPACITY	WIDTH	WIDTH	OCCUPANT
MECH RM (F-2)	338 SQ. FT.	300	1	0.3	(2) 44"	(2) 44"	283 PERSONS MAX
ATS RM (F-2)	56 SQ. FT.	300	0	0.2	(2) 36"	(2) 36"	360 PERSONS MAX
MECH RM	315 SQ. FT.	300	1	CONSTRUCTION CLASS: H			
COMPACTOR RM (F-2)	152 SQ. FT.	300	1	NOTE: ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED F.R.S.C. FULL COMPLIANCE WITH NYECC. ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.			
<b>TOTAL</b>	<b>862 SQ. FT.</b>	<b>0</b>	<b>3</b>				

3RD FLOOR RETAIL (USE GROUP 6)				EGRESS CALCULATION PER B.C. 1004.1.1			
PER B.C. 1004.1.1		PER B.C. 1004.1.1		WIDTH PER OCC.		OCCUPANT	
TYP	NET AREA	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT	STAIR CAPACITY	WIDTH	WIDTH	OCCUPANT
RETAIL MECH. RM	221 SQ. FT.	300	1	0.3	(2) 44"	(2) 44"	283 (COMPLIES)
<b>TOTAL</b>	<b>221 SQ. FT.</b>	<b>300</b>	<b>1</b>	0.2	(2) 36"	(2) 36"	360 (COMPLIES)



KEY PLAN

**NOTES:**

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05	03/17/2017	80% CD SUBMISSION
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01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:  
Project:  
**7 WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

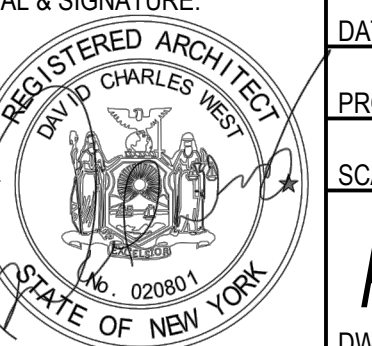
Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

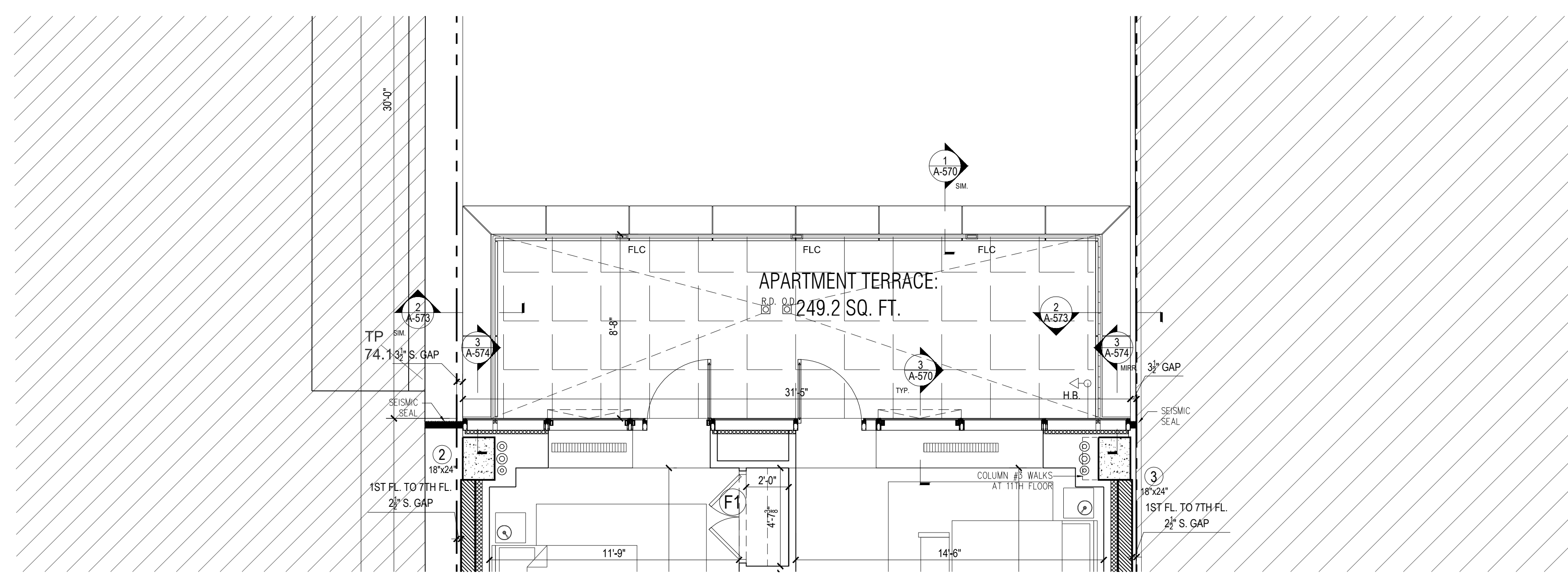
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

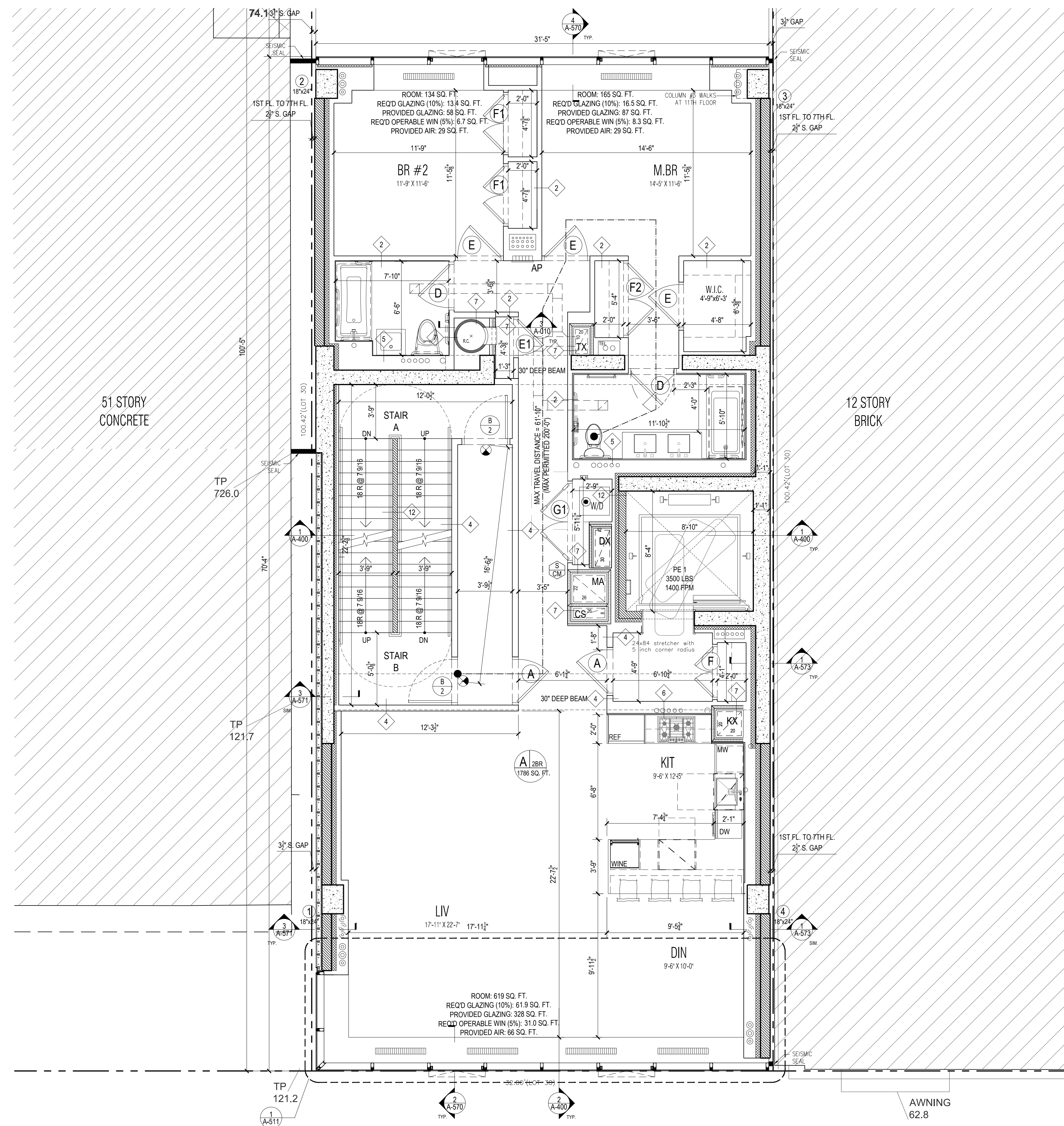
**3RD FLOOR PLAN**

SEAL & SIGNATURE:  
  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: N.T.S.  
**A-102.00**  
DWG NO.

NB#12191441

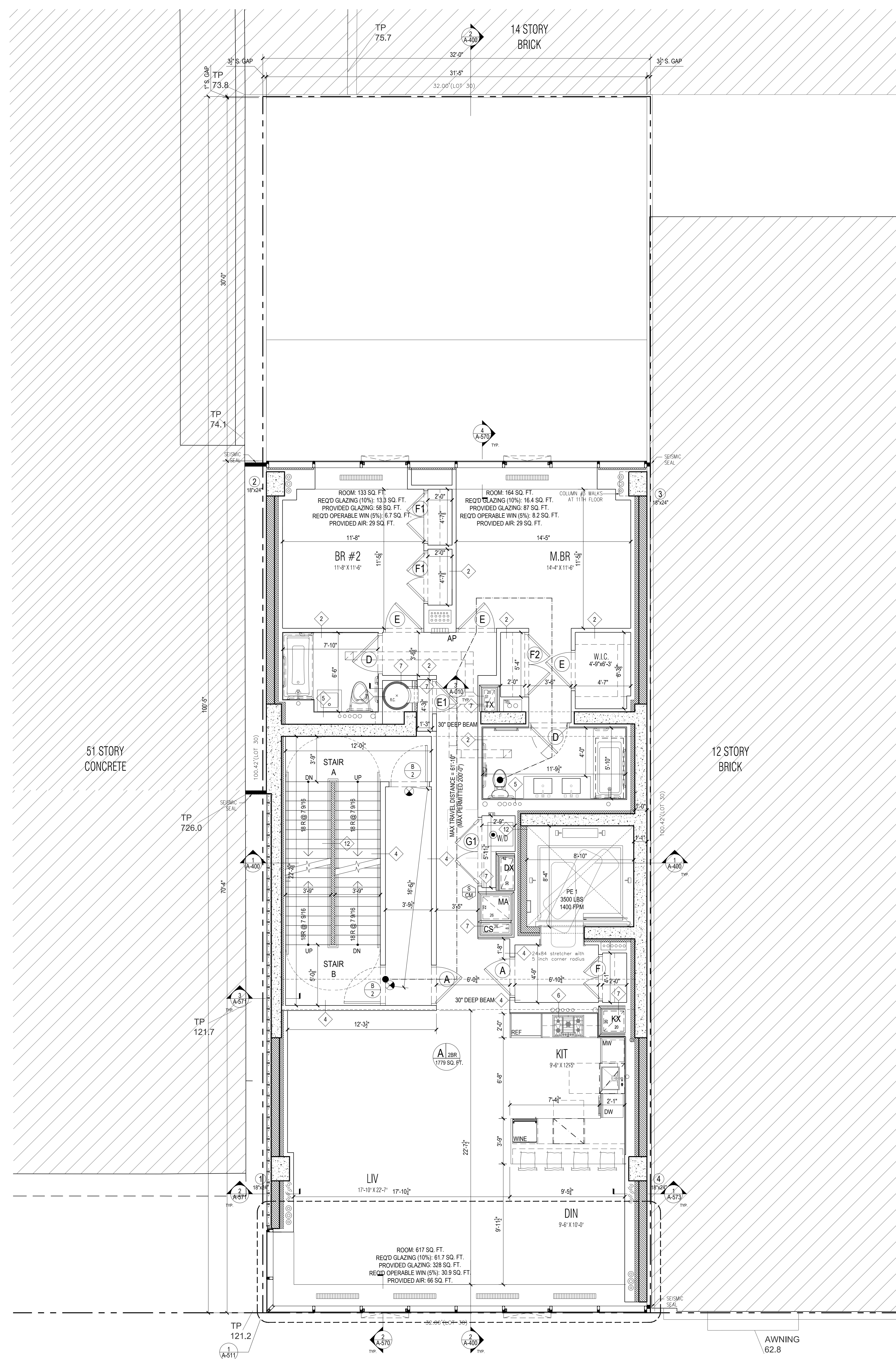


1 4TH FLOOR TERRACE  
SCALE: 1/4"=1'-0"



2 4TH-7TH FLOOR PLAN  
SCALE: 1/4"=1'-0"

4TH-7TH FLOOR (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1		
R-2-F-2	NET AREA	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
APARTMENTS (R-2)			
A	1786 SQ. FT.	200	9
TOTAL:	1786 SQ. FT.		9
EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	0.3	(2) 44"	293 (COMPLIES)
DOOR CAPACITY	0.2	(2) 36"	360 (COMPLIES)
CONSTRUCTION CLASS: I-B			
NOTE: ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED F.R.S.C. FULL COMPLIANCE WITH NYC E.C.C. ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.			



3 8TH-11TH FLOOR PLAN  
SCALE: 1/4"=1'-0"

8TH-11TH FLOOR (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1		
R-2-F-2	NET AREA	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
APARTMENTS (R-2)			
A	1779.1 SQ. FT.	200	9
TOTAL:	1779.1 SQ. FT.		9
EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	0.3	(2) 44"	293 (COMPLIES)
DOOR CAPACITY	0.2	(2) 36"	360 (COMPLIES)
CONSTRUCTION CLASS: I-B			
NOTE: ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED F.R.S.C. FULL COMPLIANCE WITH NYC E.C.C. ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.			



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07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
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05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
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Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PERI PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

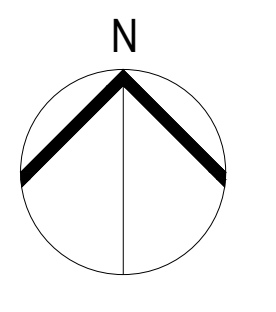
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

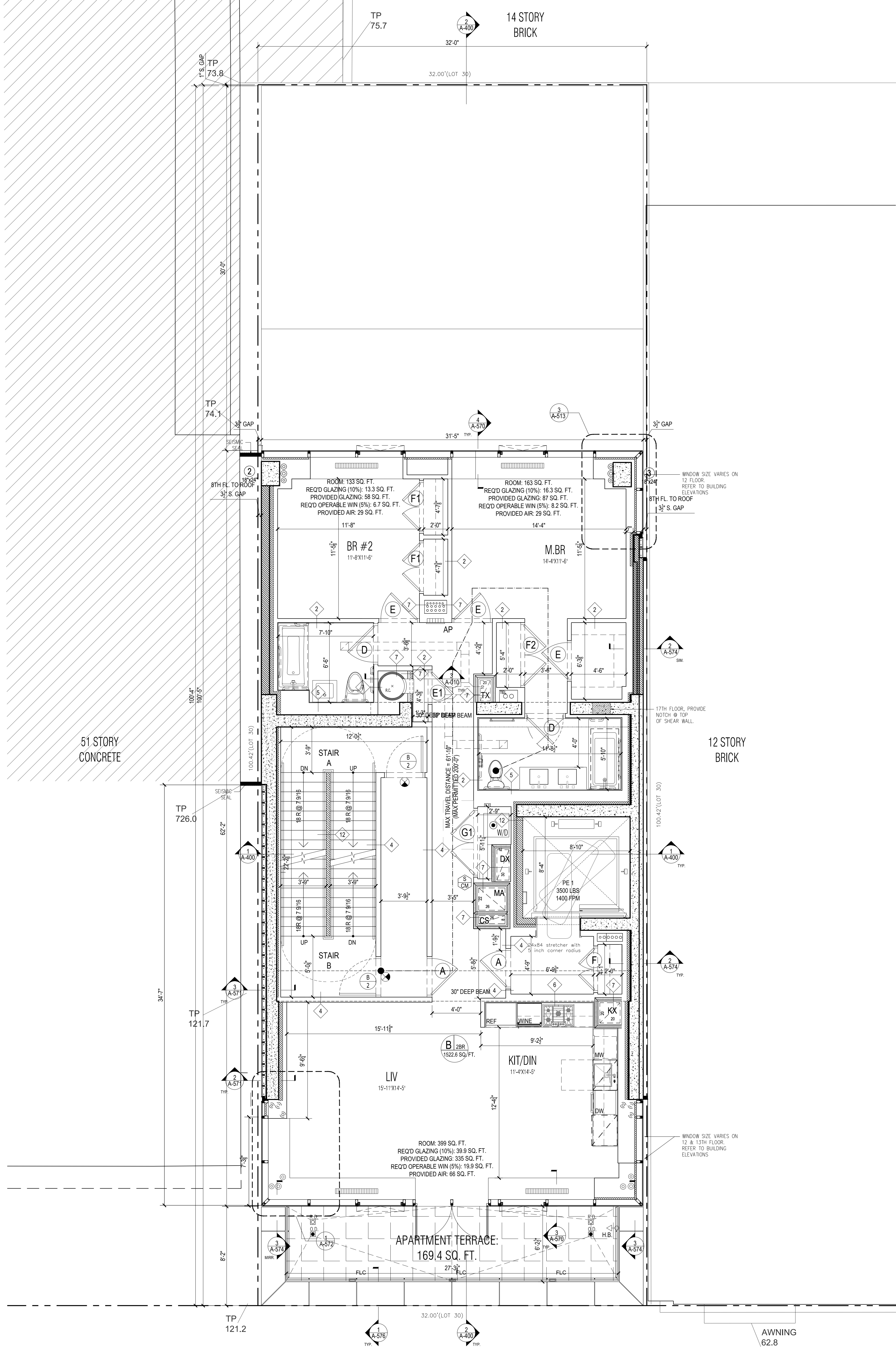
DOB STAMPS & SIGNATURES:

DWG TITLE:  
4TH - 11TH  
FLOOR PLAN

SEAL & SIGNATURE: [Signature of Charles West]  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: N.T.S.  
**A-103.00**  
DWG. NO.  
NB#12191441







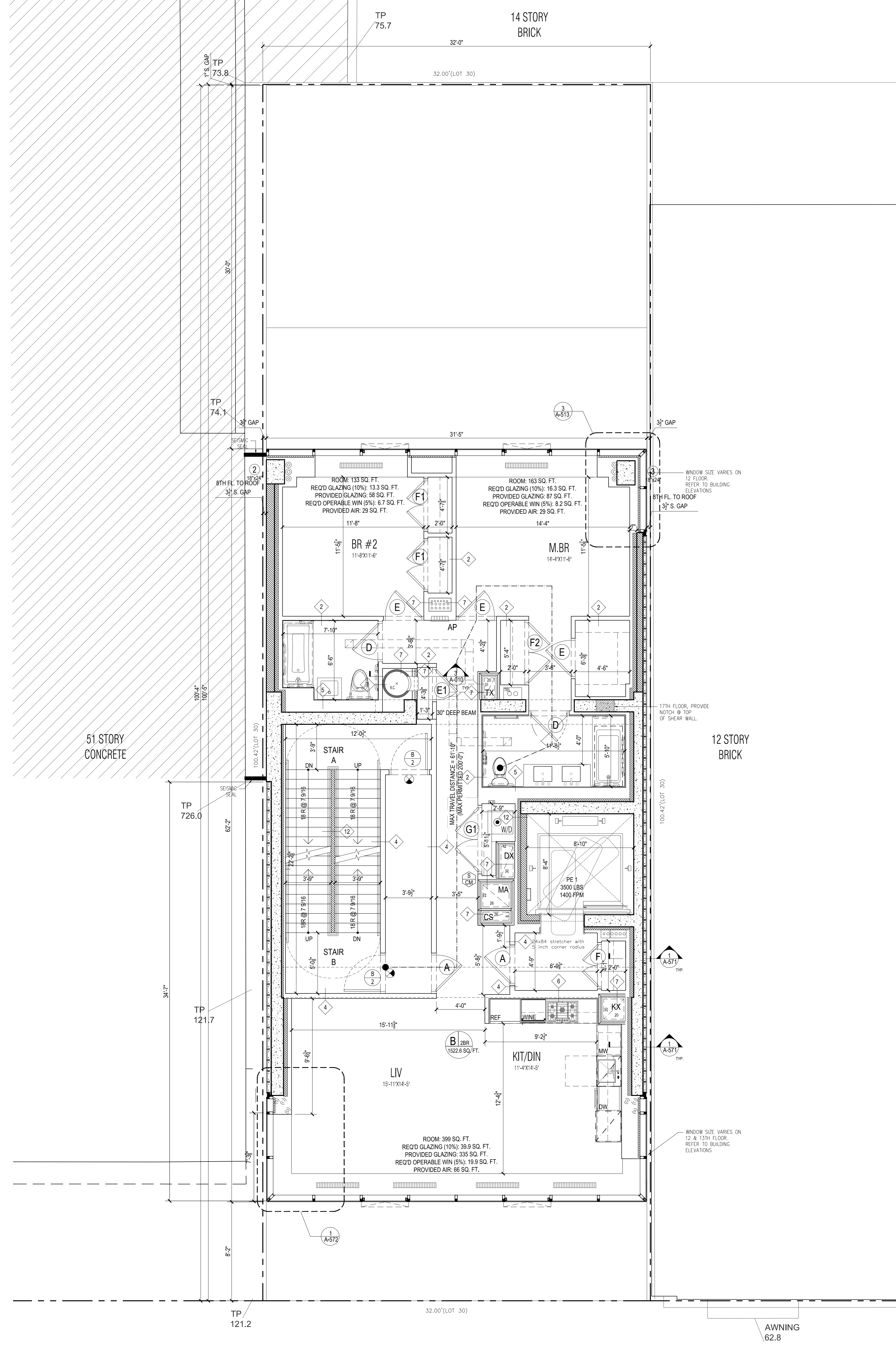
1 12TH FLOOR PLAN  
SCALE: 1/4"=1'-0"

12TH FLOOR (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	NET AREA	OCCUPANT COUNT
R-2-F-2			
APARTMENTS (R-2)			
B	1521 SQ. FT.	200	8
TOTAL:	1521 SQ. FT.		39

EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	0.3	(2) 44"	293 (COMPLEX)
DOOR CAPACITY	0.2	(2) 36"	360 (COMPLEX)

CONSTRUCTION CLASS: I-B  
NOTE: ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED  
ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED F.R.S.C.  
FULL COMPLIANCE WITH NYC E.C.C.  
ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.



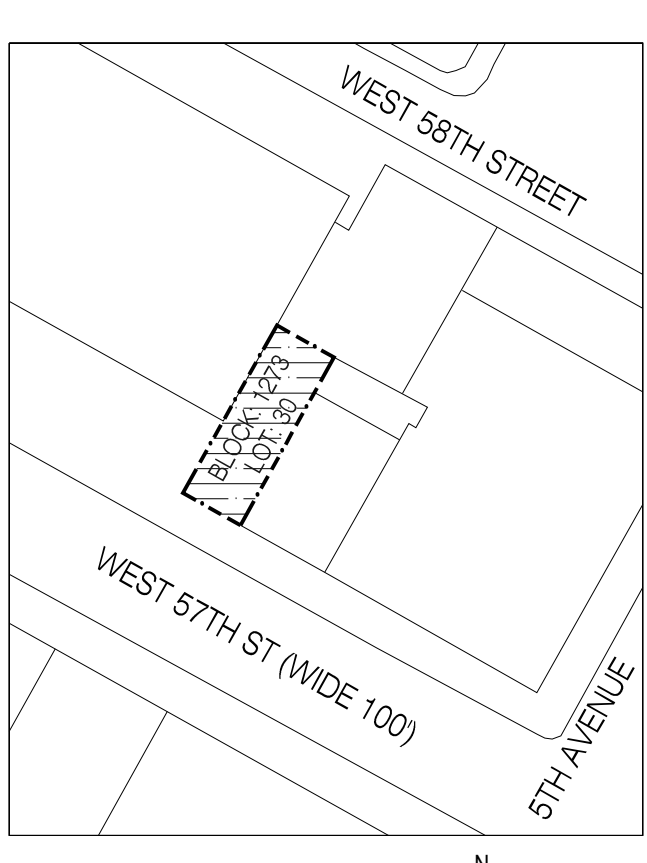
2 13TH-17TH FLOOR PLAN  
SCALE: 1/4"=1'-0"

13TH-17TH FLOOR (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	NET AREA	OCCUPANT COUNT
R-2-F-2			
APARTMENTS (R-2)			
B	1523 SQ. FT.	200	8
TOTAL:	1523 SQ. FT.		8

EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	0.3	(2) 44"	293 (COMPLEX)
DOOR CAPACITY	0.2	(2) 36"	360 (COMPLEX)

CONSTRUCTION CLASS: I-B  
NOTE: ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED  
ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED F.R.S.C.  
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ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.



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06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
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ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
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212-687-8888

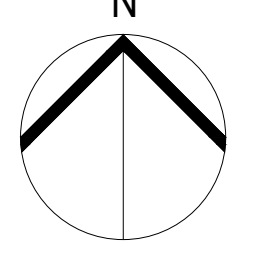
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

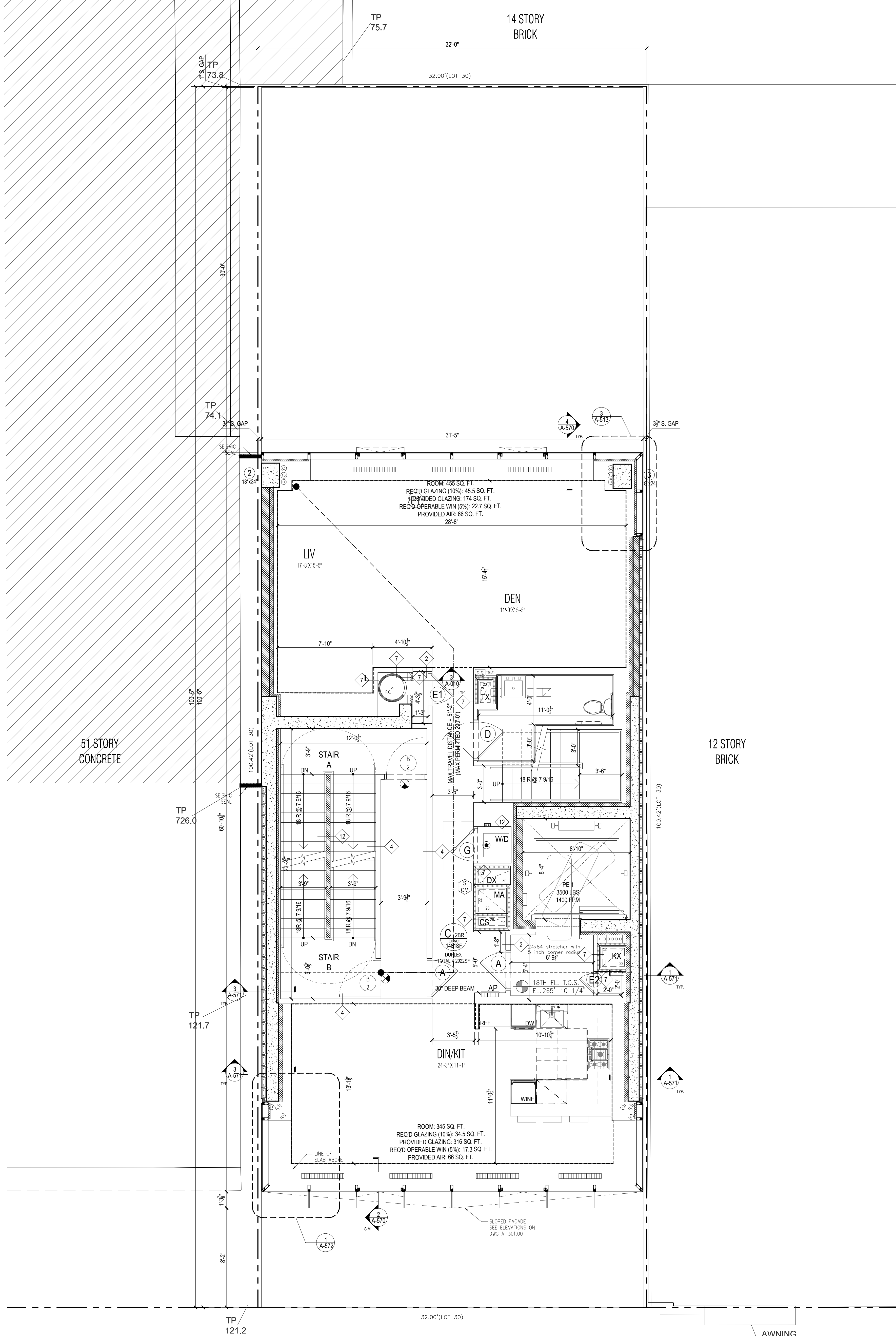
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
12TH - 17TH  
FLOOR PLAN

SEAL & SIGNATURE:  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: N.T.S.  
**A-104.00**  
DWG NO.  
NB#121191441





1 18TH FLOOR PLAN  
SCALE: 1/4"=1'-0"

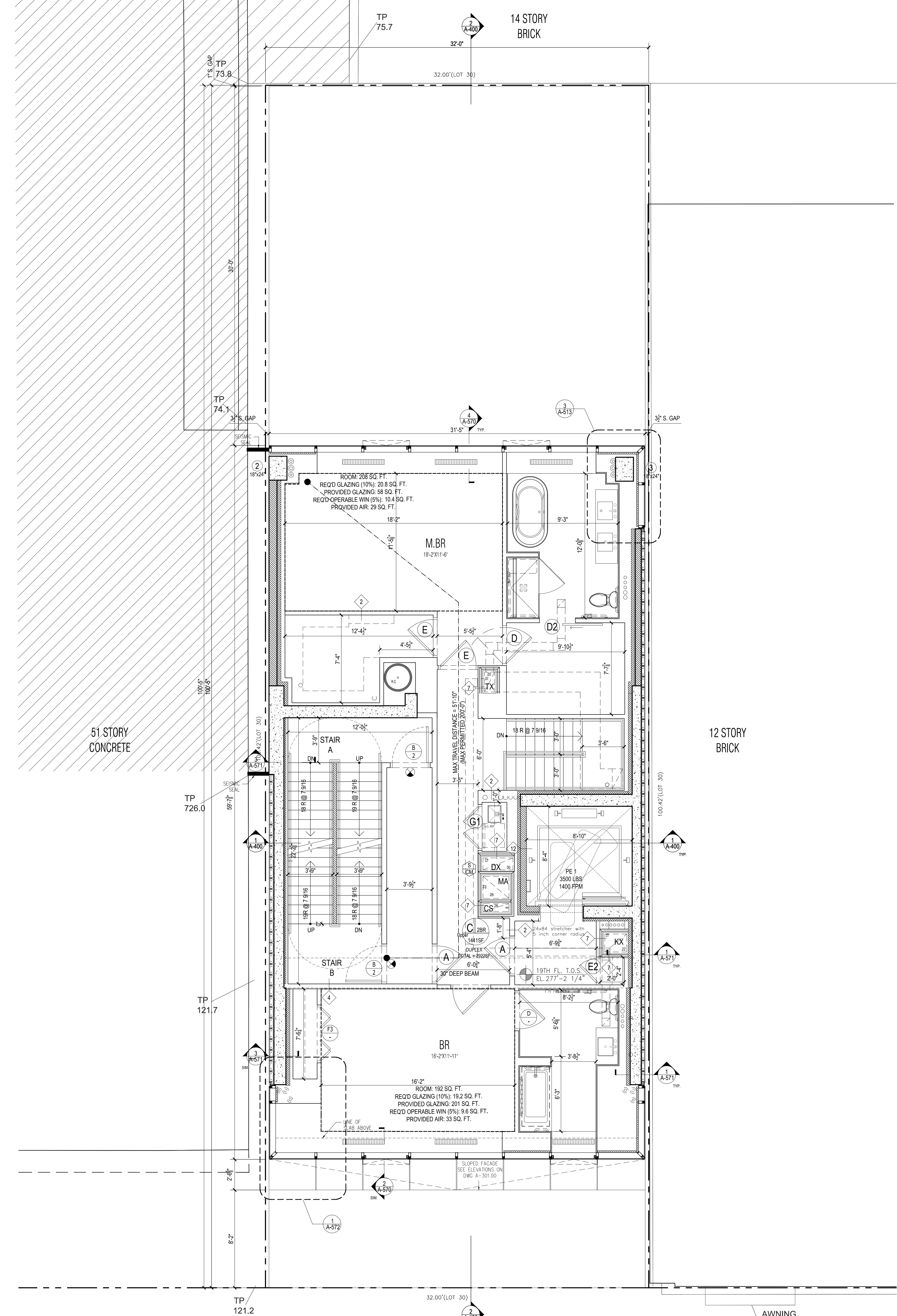
18TH FLOOR (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
R-2-F-2	NET AREA	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
APARTMENTS (R-2)			
B	1480.9 SQ. FT.	200	7
TOTAL	1481 SQ. FT.		7

EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	0.3	(2) 44"	293 (COMPLIES)
DOOR CAPACITY	0.2	(2) 36"	360 (COMPLIES)

CONSTRUCTION CLASS 1B

NOTE:  
ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED  
ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED  
F.R.S.C.  
FULL COMPLIANCE WITH NYC E.C.C.  
ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.



2 19TH FLOOR PLAN  
SCALE: 1/4"=1'-0"

19TH FLOOR (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
R-2-F-2	NET AREA	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
APARTMENTS (R-2)			
B	1441.1 SQ. FT.	200	7
TOTAL	1441 SQ. FT.		7

EGRESS CALCULATION PER B.C. 1004.1.1			
WIDTH PER OCC.	WIDTH	OCCUPANT	
STAIR CAPACITY	0.3	(2) 44"	293 (COMPLIES)
DOOR CAPACITY	0.2	(2) 36"	360 (COMPLIES)

CONSTRUCTION CLASS 1B

NOTE:  
ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED  
ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED  
F.R.S.C.  
FULL COMPLIANCE WITH NYC E.C.C.  
ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.



KEY PLAN

NOTES:

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	100% CD SUBMISSION
07	04/16/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PERI PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

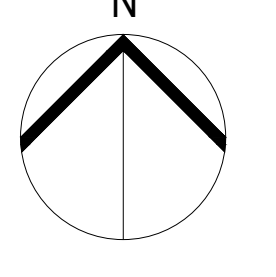
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

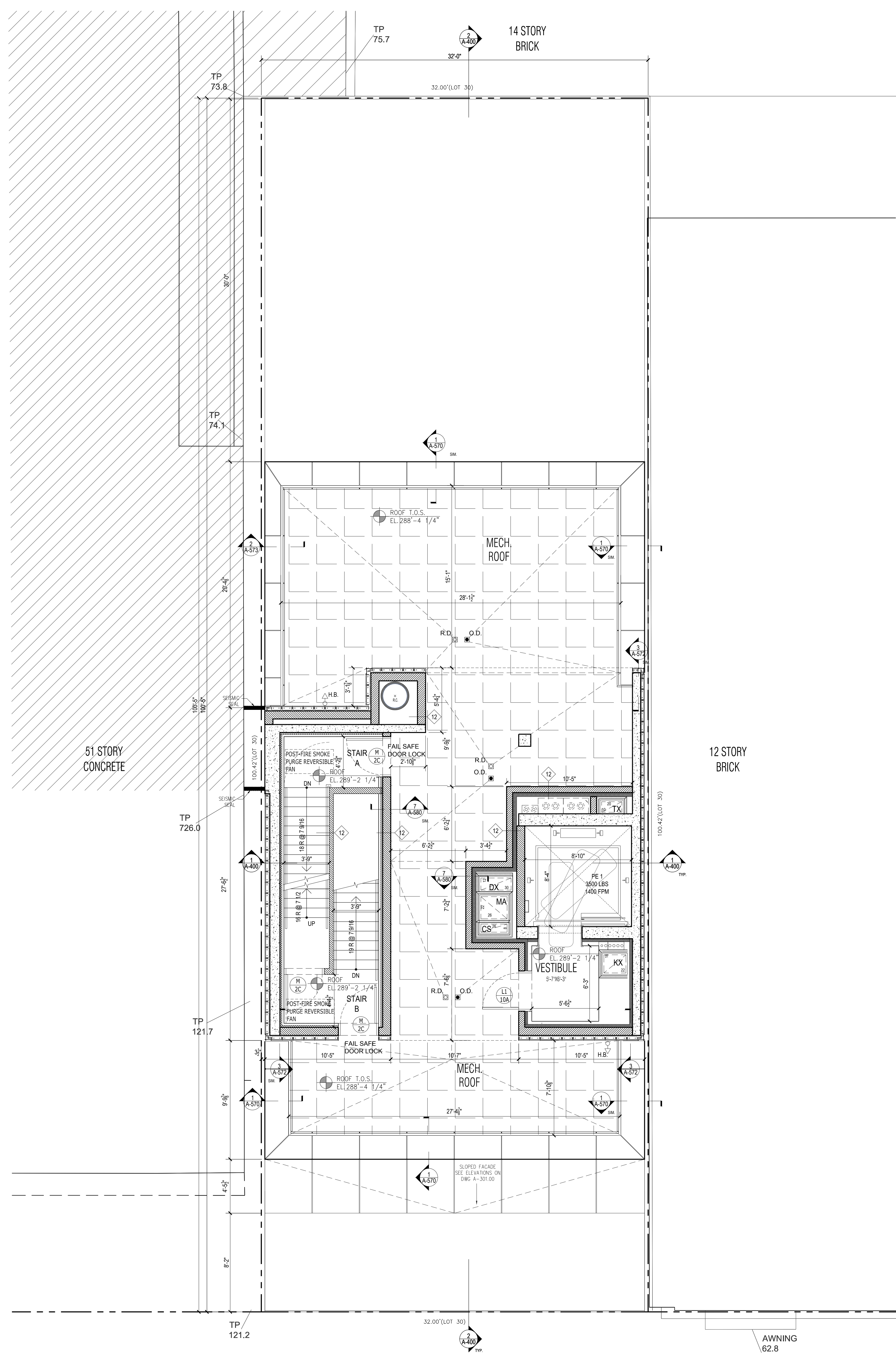
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
18TH & 19TH  
FLOOR PLAN

SEAL & SIGNATURE:  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: N.T.S.  
**A-105.00**  
DWG NO.  
NB#121191441





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

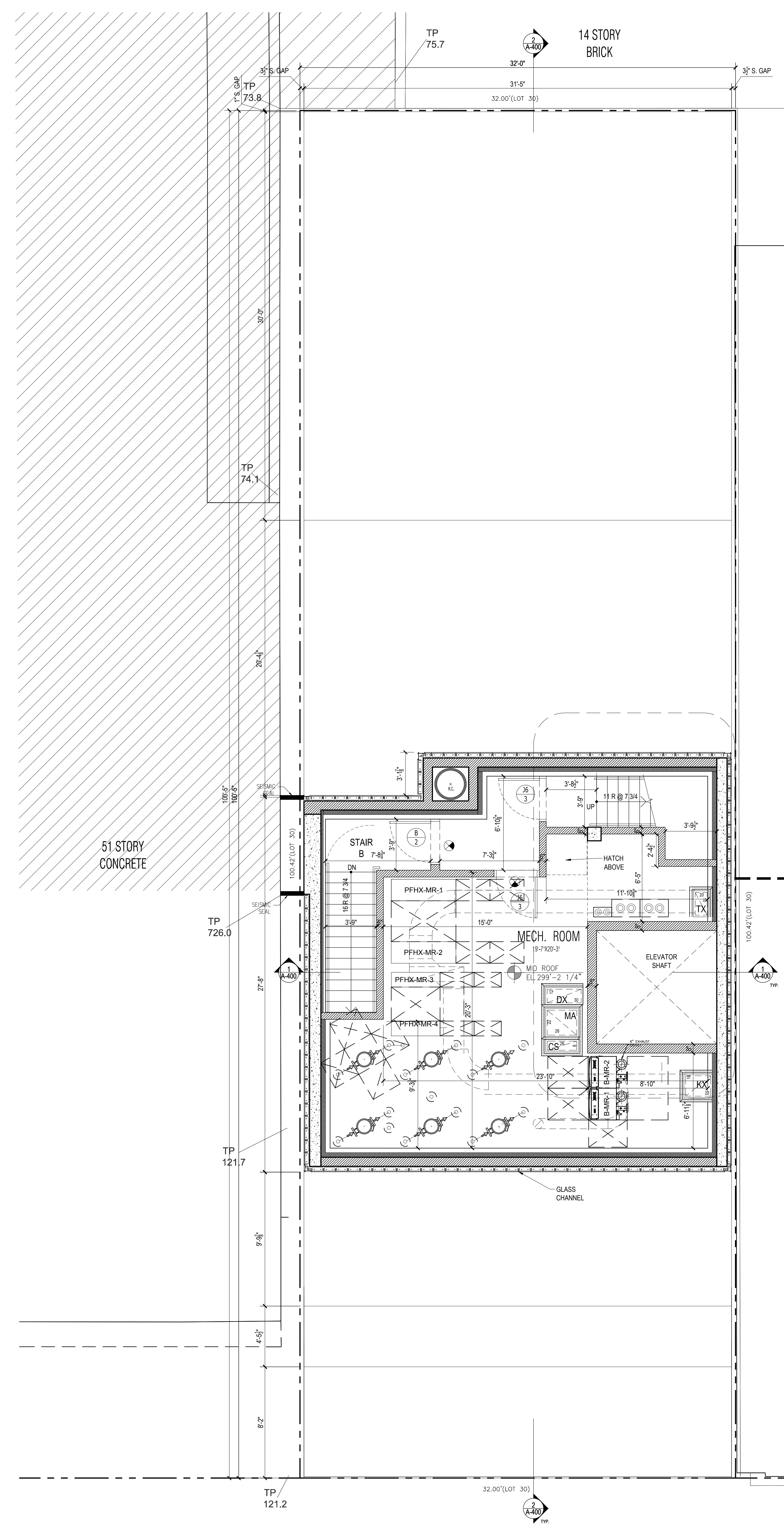
ROOF (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
R-2-F-2			
MECHANICAL ROOF	1026.0 SQ. FT.	300	3
TOTAL:	1026 SQ. FT.		3

EGRESS CALCULATION PER B.C. 1004.1.1			
STAIR CAPACITY	WIDTH PER OCC.	WIDTH	OCCUPANT
0.3	(2) 44"	293 (COMPLIES)	
0.2	(2) 36"	360 (COMPLIES)	

CONSTRUCTION CLASS: I-B

NOTE:  
ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED  
ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED  
F.R.S.C.  
FULL COMPLIANCE WITH NYC E.C.C.  
ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.



2 MID ROOF PLAN  
SCALE: 1/4"=1'-0"

MID ROOF FLOOR (USE GROUP 2)			
OCCUPANCY TYPE	PER B.C. 1004.1.1	NET FLOOR AREA PER OCCUPANT	OCCUPANT COUNT
R-2-F-2			
MECH. RM	455 SQ. FT.	300	2
EMR	126.5 SQ. FT.	300	1
TOTAL:	581 SQ. FT.		3

EGRESS CALCULATION PER B.C. 1004.1.1			
STAIR CAPACITY	WIDTH PER OCC.	WIDTH	OCCUPANT
0.3	(1) 44"	146 (COMPLIES)	
0.2	(1) 36"	180 (COMPLIES)	

CONSTRUCTION CLASS: I-B

NOTE:  
ALL CORRIDOR PARTITIONS TO BE 2 HR. RATED  
ALL CORRIDOR, ELEVATOR & STAIR DOORS TO BE 1-1/2 HR. RATED  
F.R.S.C.  
FULL COMPLIANCE WITH NYC E.C.C.  
ENTIRE FLOOR TO BE FULLY SPRINKLED EXCEPT WHERE NOTED OTHERWISE.



KEY PLAN

NOTES:

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
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08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
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05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number:    Date:    Revision:

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/PFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

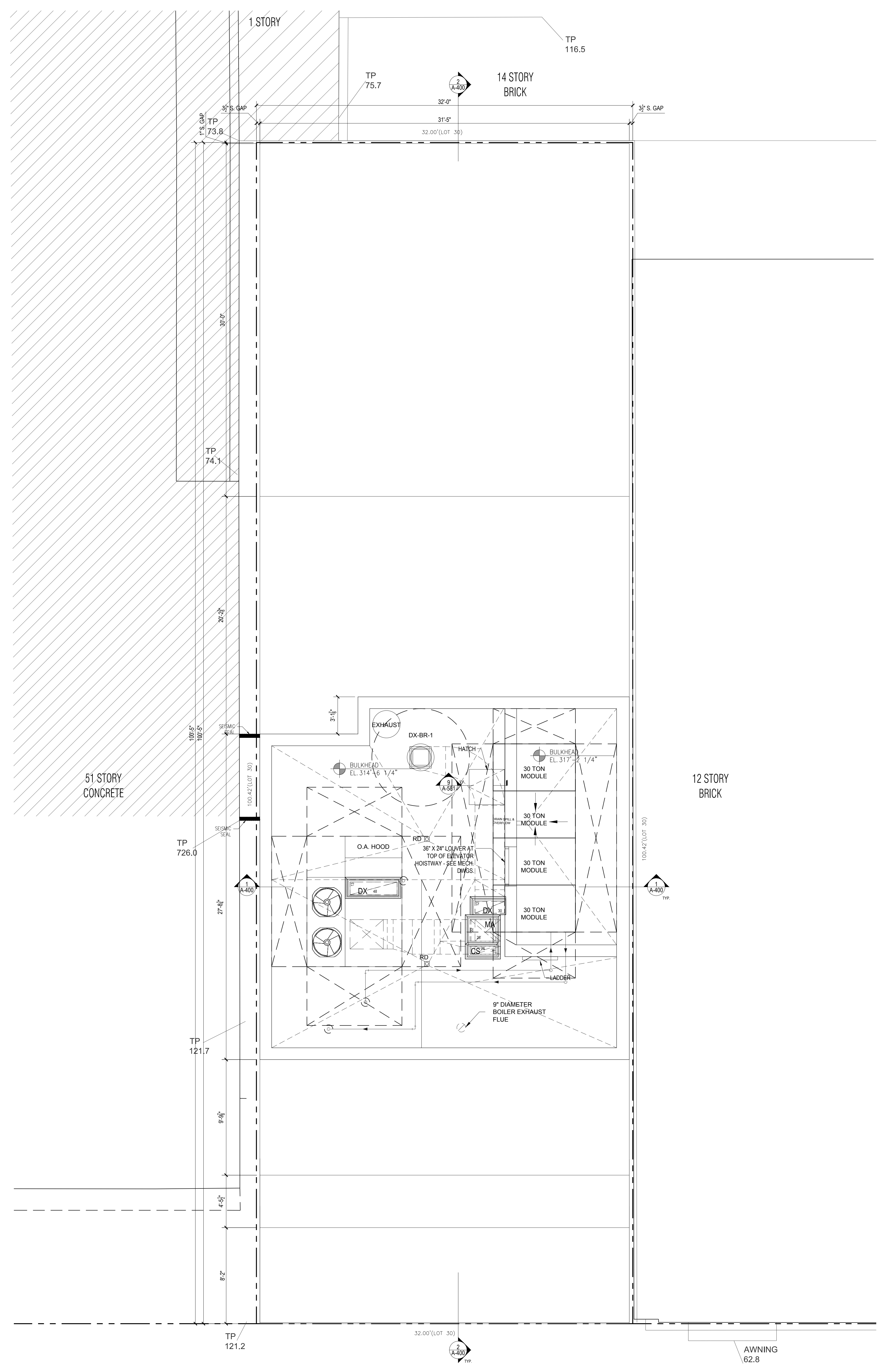
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
ROOF AND  
UPPER ROOF PLAN

SEAL & SIGNATURE:  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: N.T.S.  
**A-106.00**  
DWG. NO.

NB#121191441



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

WEST 57TH STREET (100' WIDE)



KEY PLAN

NOTES:

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08	04/19/2017	80% CD SUBMISSION
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05	03/17/2017	80% CD SUBMISSION
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03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:  
Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLOW57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

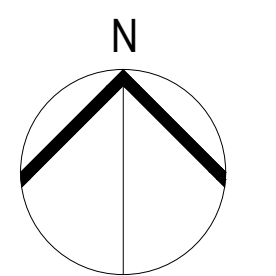
MEP/FPP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

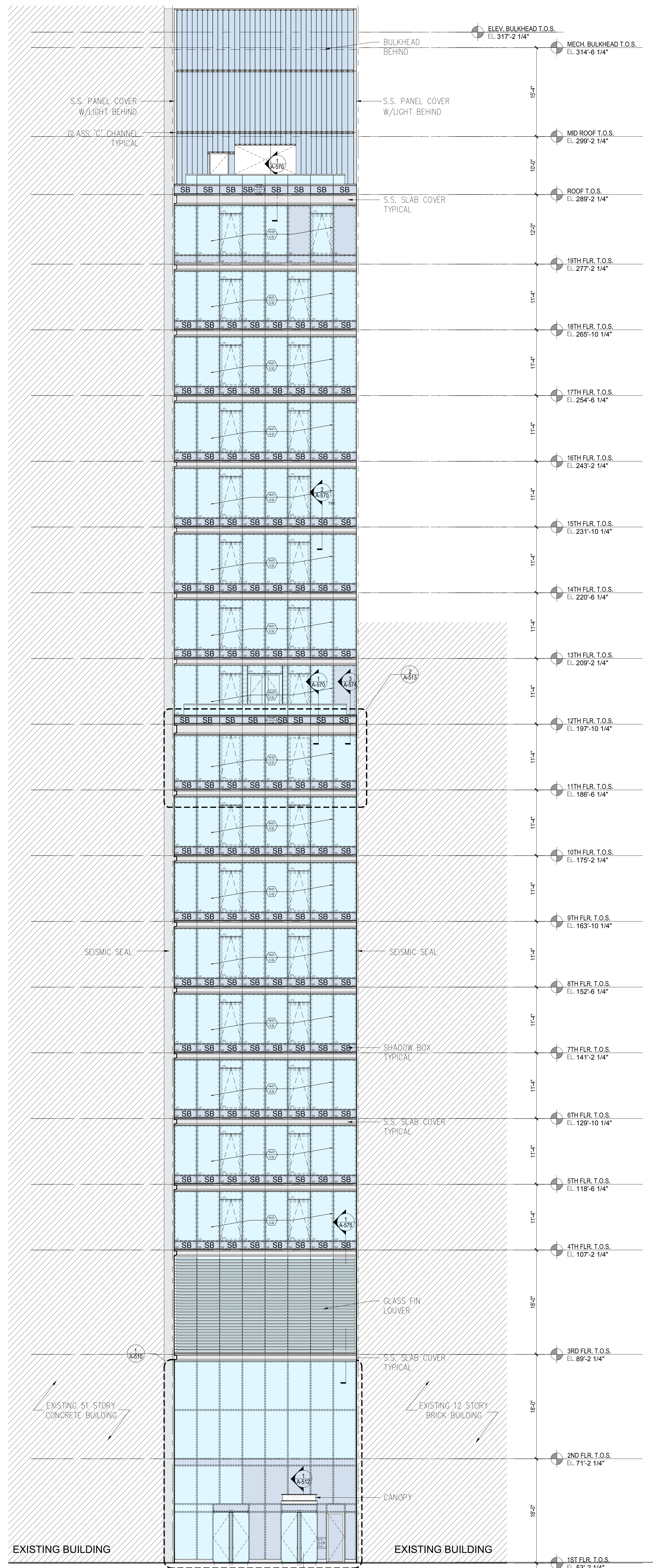
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

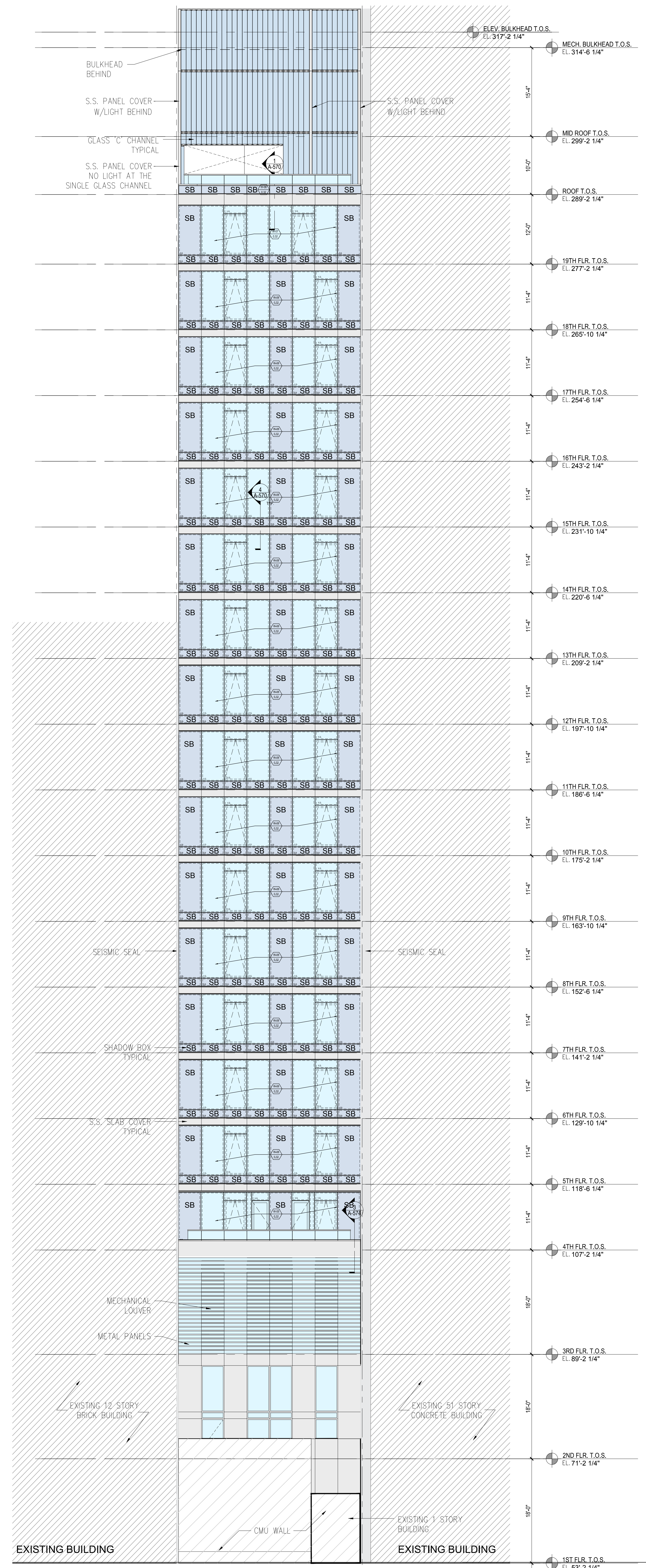
DWG TITLE:  
**BULKHEAD ROOF PLAN**

SEAL & SIGNATURE:  
DATE: 05/26/ 2017  
PROJECT #: 16A10  
SCALE: N.T.S.  
**A-107.00**  
DWG NO.  
NB#121191441





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



2 NORTH ELEVATION  
SCALE: 1/8"=1'-0"



KEY PLAN

NOTES:

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01	12/22/2016	DOB SUBMISSION

Project:  
**7 WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/PFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

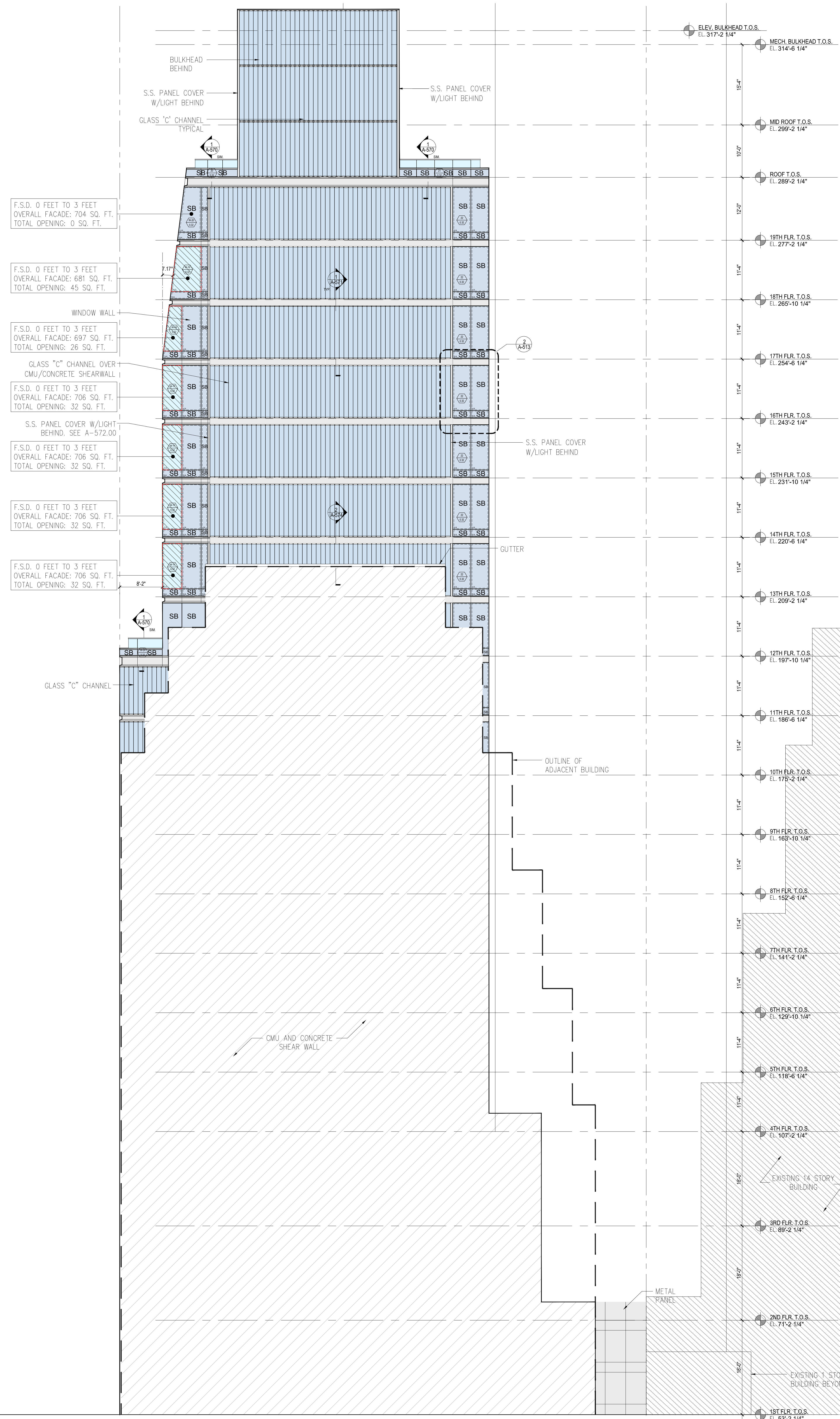
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

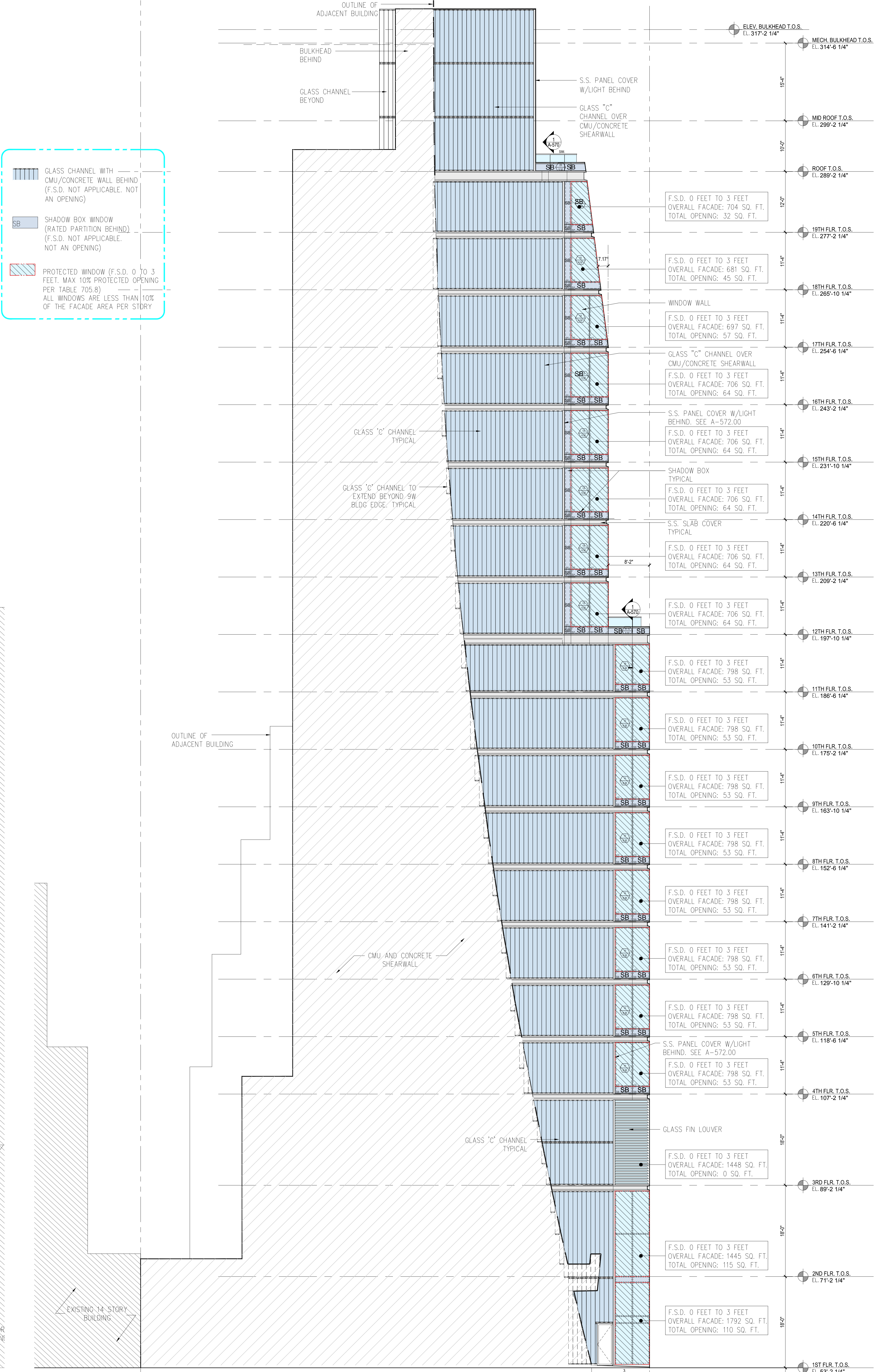
DWG TITLE:  
**NORTH & SOUTH  
ELEVATIONS**

SEAL & SIGNATURE: 	DATE: 05/26/ 2017
PROJECT # 16A10	SCALE: AS SHOWN
<b>A-300.00</b>	
DWG NO.	

NB#121191441



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



2 WEST ELEVATION  
SCALE: 1/8"=1'-0"



KEY PLAN

NOTES:

Number	Date	Revision
14	06/08/2017	DOB SUBMISSION
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03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
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01	12/22/2016	DOB SUBMISSION

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/PFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DOB TITLE:

EAST & WEST  
ELEVATIONS

SEAL & SIGNATURE:  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: AS SHOWN  
**A-301.00**  
DWG NO.  
NB#12191441



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
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01	12/22/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect: **HILL | WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212-213-8007

Interior Designer: **Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

MEP/FE Engineer: **COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

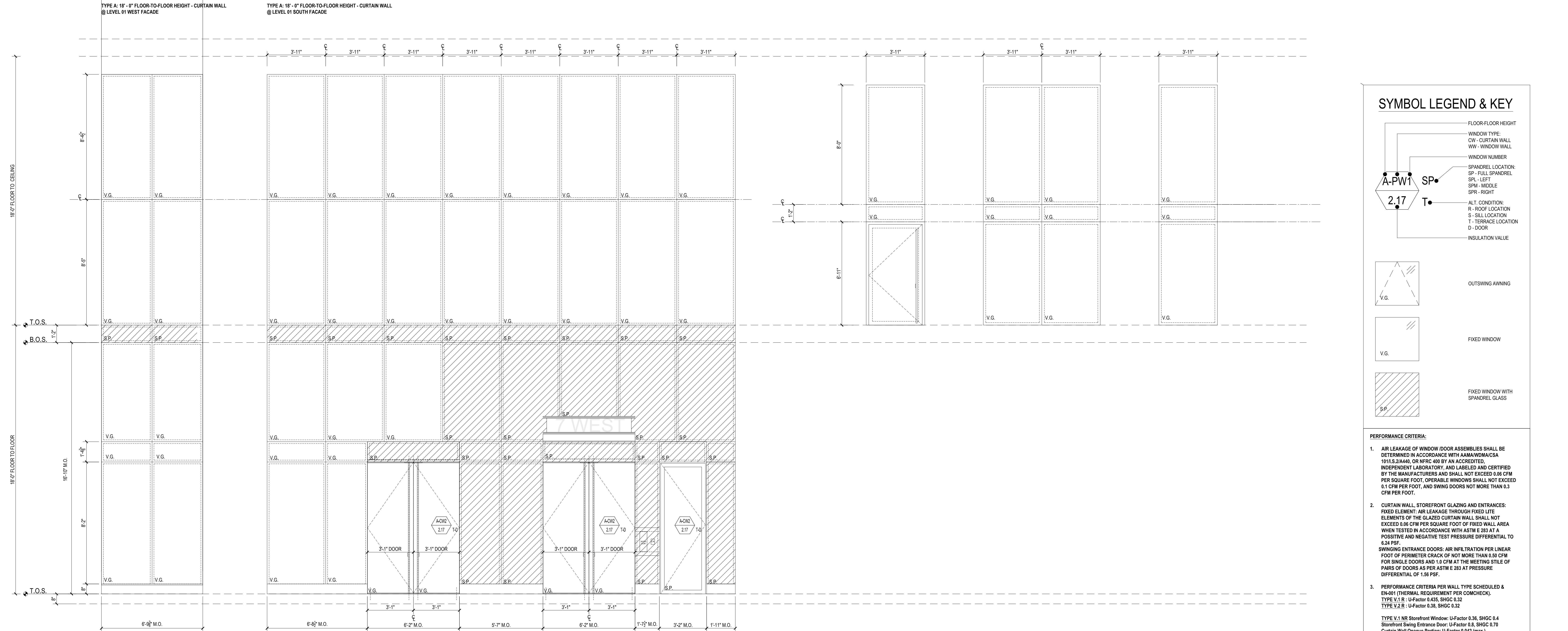
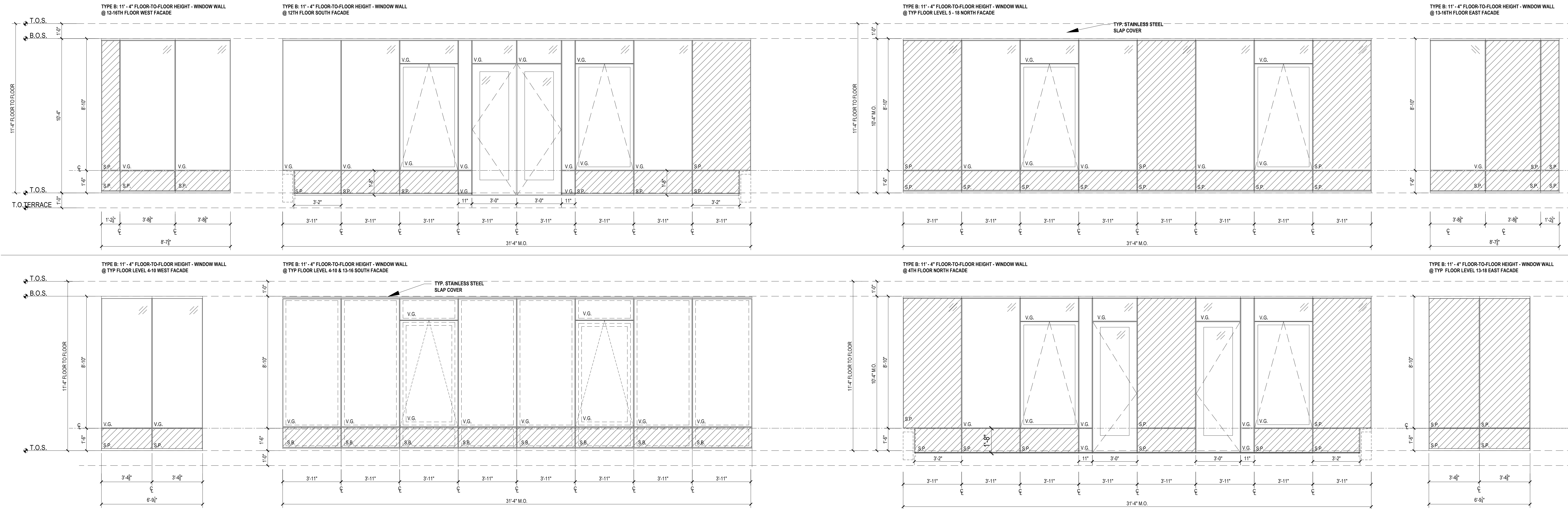
Building Envelope Consultant: **VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

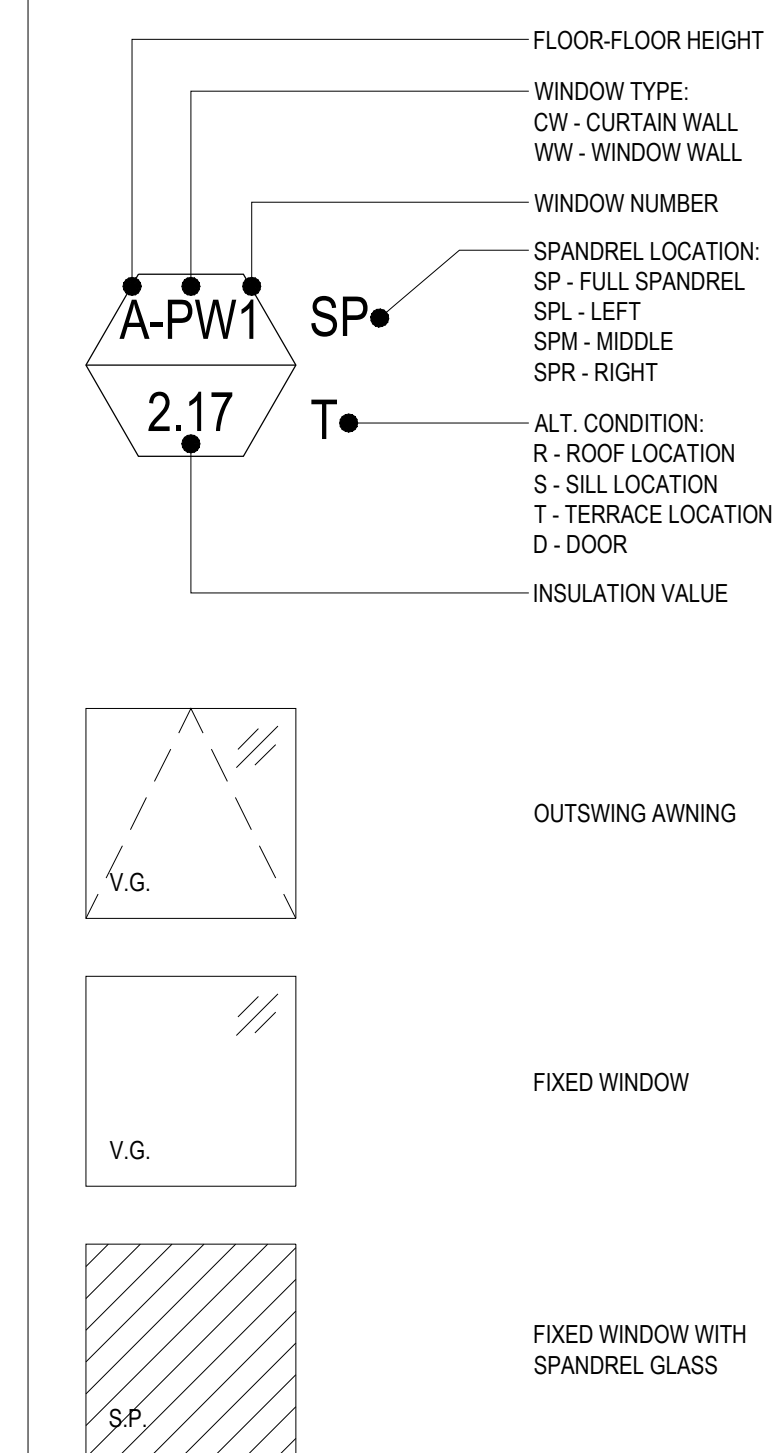
DWG TITLE:

**WINDOW SCHEDULE**

SEAL & SIGNATURE: DATE: 05/26/2017  
 PROJECT # 16A10  
 SCALE AS SHOWN  
**A-310.00**  
 DWG NO. NB#12191441



**SYMBOL LEGEND & KEY**



**PERFORMANCE CRITERIA:**

- AIR LEAKAGE OF WINDOW/DOOR ASSEMBLIES SHALL BE DETERMINED IN ACCORDANCE WITH AIAA/WMA/CA 1518.2.2.A.4. OR METRIC AIR BY AN ACCREDITED, INDEPENDENT LABORATORY AND LABELED AND CERTIFIED BY THE MANUFACTURERS AND SHALL NOT EXCEED 0.6 CFM PER SQUARE FOOT, OPERABLE WINDOWS SHALL NOT EXCEED 0.1 CFM PER FOOT, AND SWING DOORS NOT MORE THAN 0.3 CFM PER FOOT.
- CURTAIN WALL STOREFRONT GLAZING AND ENTRANCES: FIXED ELEMENT: AIR LEAKAGE THROUGH FIXED LIFE ELEMENTS OF THE GLAZED CURTAIN WALL SHALL NOT EXCEED 0.6 CFM PER SQUARE FOOT OF FIXED WALL AREA WHEN TESTED IN ACCORDANCE WITH ASTM E 283 AT A POSITIVE AND NEGATIVE TEST PRESSURE DIFFERENTIAL TO 6.24 PSF. SWINGING ENTRANCE DOORS: AIR INFILTRATION PER LINEAR FOOT OF PERIMETER CRACK OF NOT MORE THAN 0.50 CFM FOR SINGLE DOORS AND 1.0 CFM AT THE MEETING STYLE OF PAIRS OF DOORS AS PER ASTM E 283 AT PRESSURE DIFFERENTIAL OF 1.56 PSF.
- PERFORMANCE CRITERIA PER WALL TYPE SCHEDULED & FINISH (TYPICAL REQUIREMENT PER COMCHECK):  
 TYPE V.1 R: U-Factor 0.435, SHGC 0.32  
 TYPE V.2 R: U-Factor 0.38, SHGC 0.32  
 TYPE V.1 NR Storefront Window: U-Factor 0.36, SHGC 0.4  
 Storefront Swing Entrance Door: U-Factor 0.3, SHGC 0.76  
 Curtain Wall Opaque Portion: U-Factor 0.042 (max.)

NOTE: PROVIDE AN ACCESSIBLE REACH RANGE (48" MAX HEIGHT) AND 30" X 48" CLEAR FLOOR SPACE AT WINDOWS WITH NATURAL VENTILATION. OTHERWISE THESE WINDOWS ARE NOT IN COMPLIANCE WITH REACH RANGES THE OPERABLE PARTS OF THESE WINDOWS MUST BE DESIGNED TO BE OPERATED BY THE USE OF ADAPTIVE DEVICES



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
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02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:  
 Project:  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PERLAZLA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

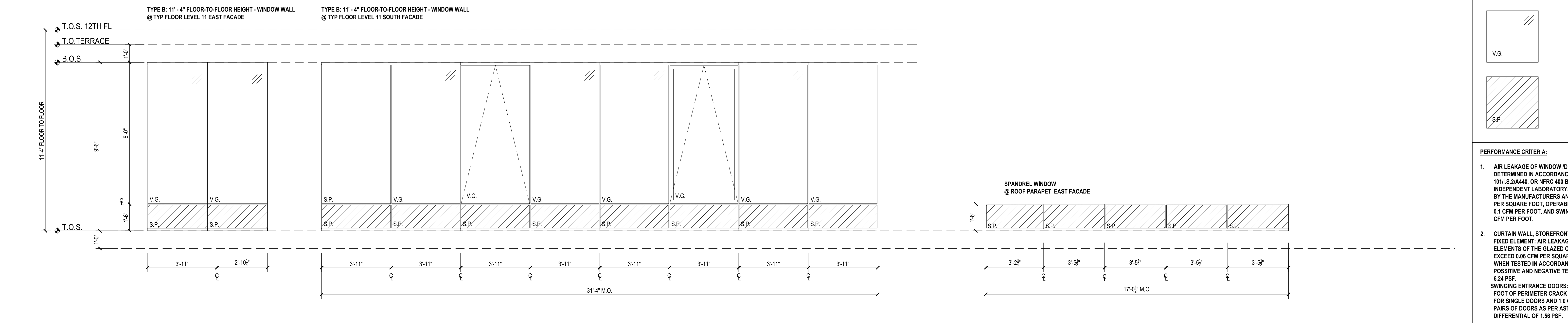
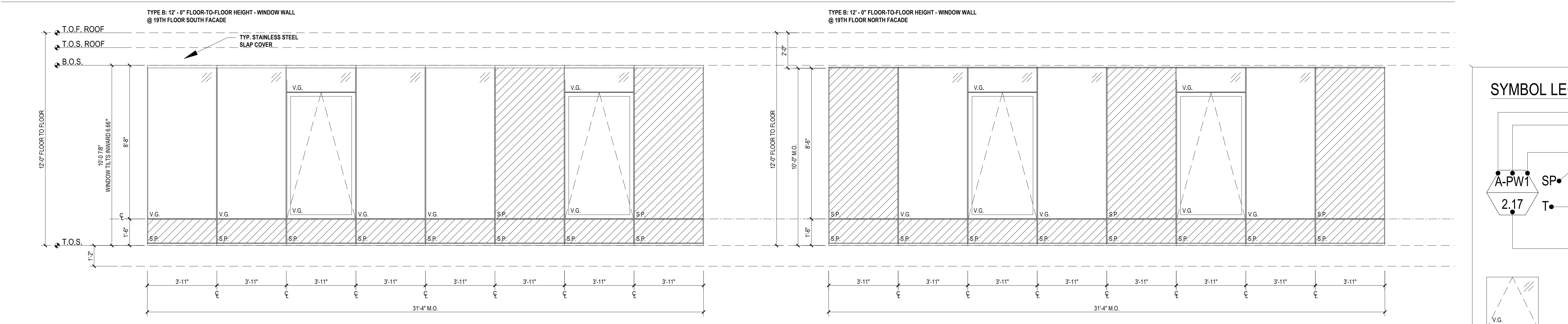
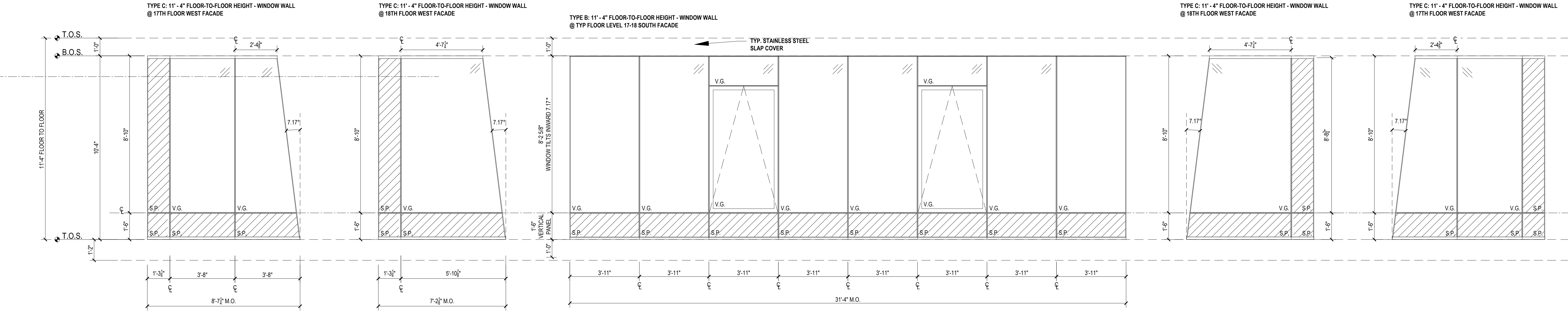
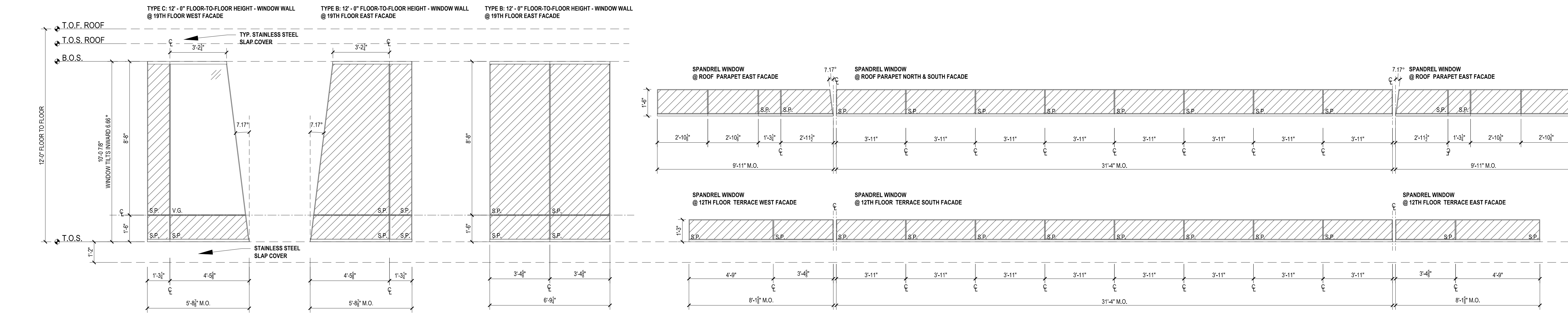
Building Envelope Consultant:  
**VDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

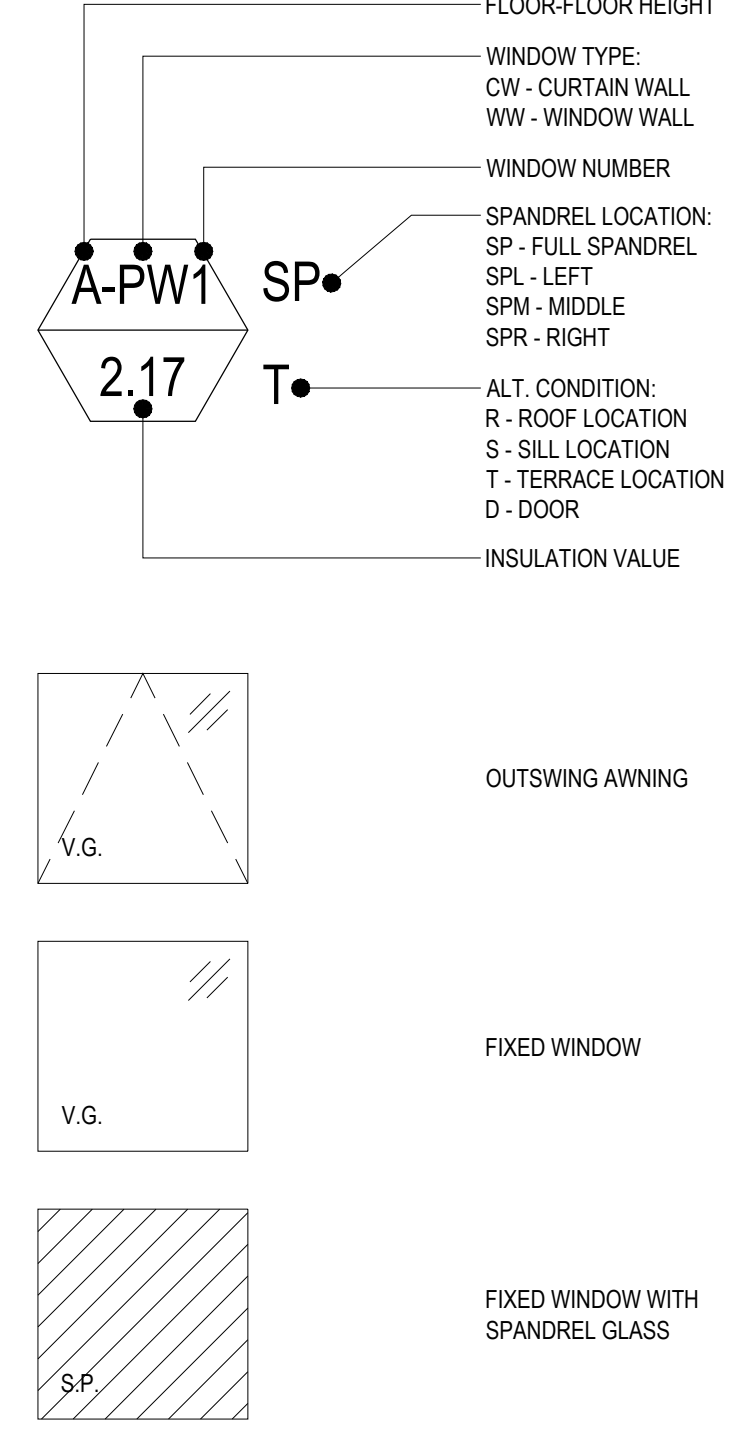
DWG TITLE:

**WINDOW SCHEDULE**

SEAL & SIGNATURE:  
  
 DATE: 05/26/2017  
 PROJECT: 16A10  
 SCALE: AS SHOWN  
**A-311.00**  
 DWG NO



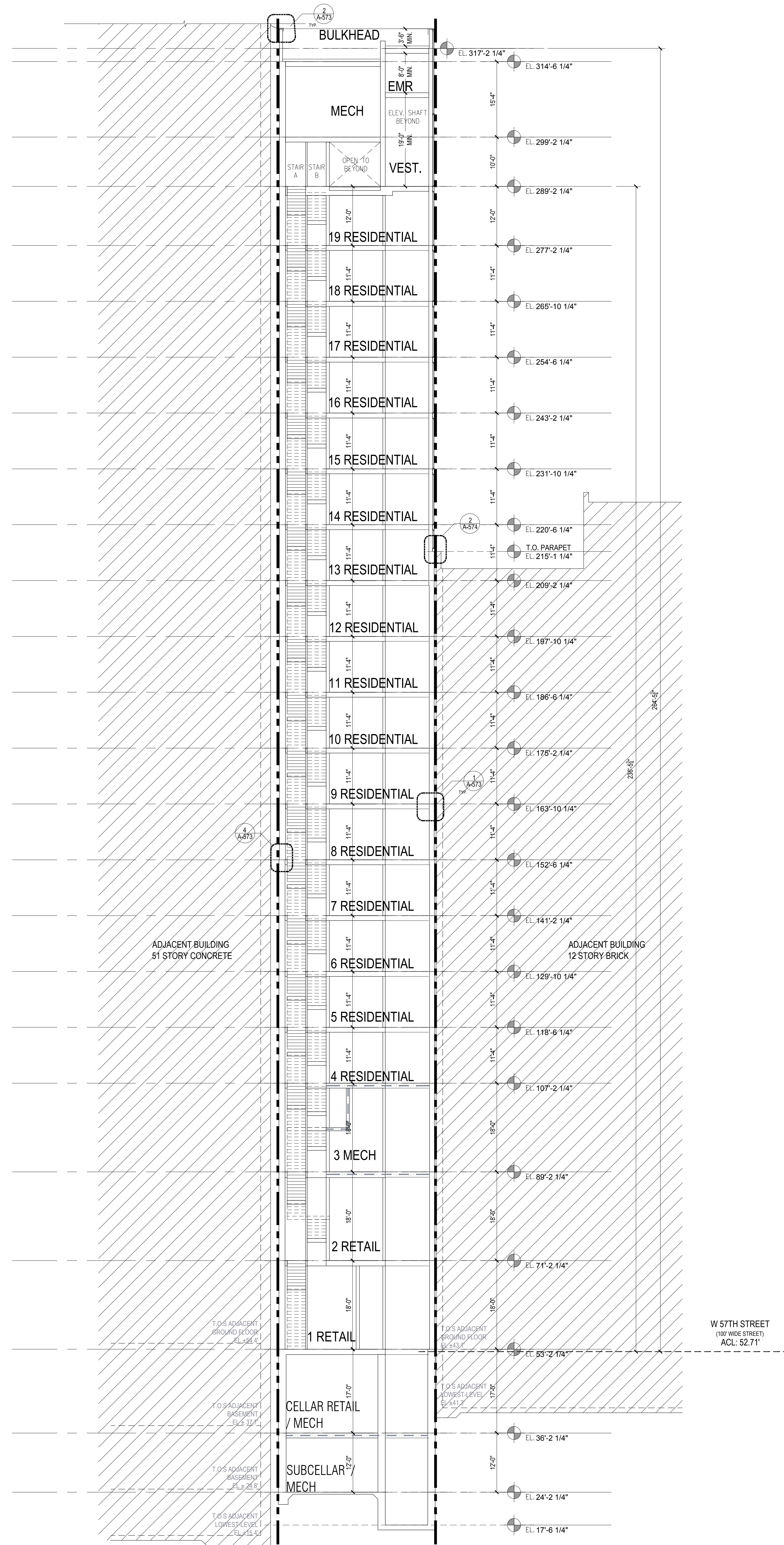
**SYMBOL LEGEND & KEY**



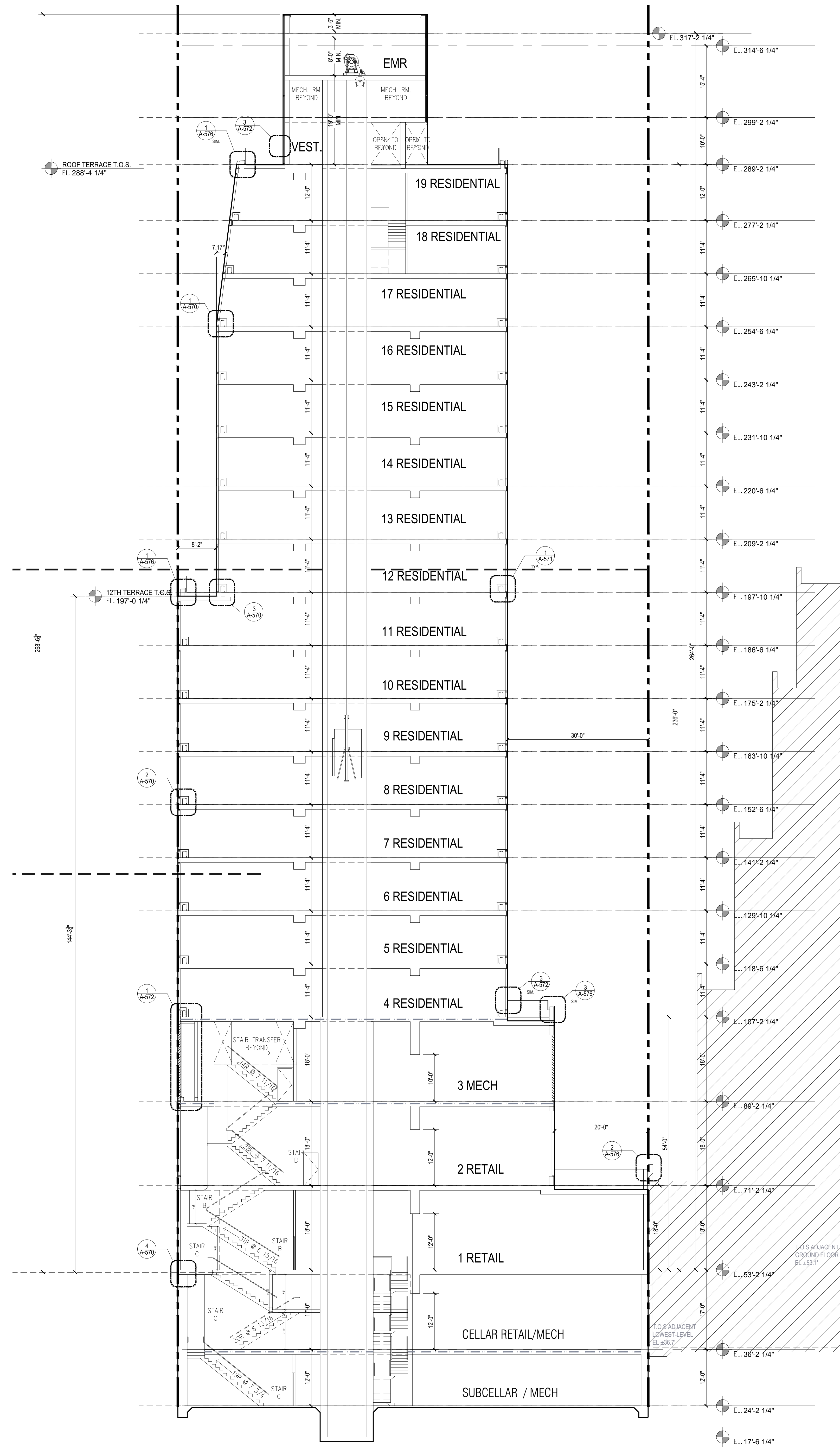
- PERFORMANCE CRITERIA:**
- AIR LEAKAGE OF WINDOW/DOOR ASSEMBLIES SHALL BE DETERMINED IN ACCORDANCE WITH AIAA/WMA/CA/CSA 1191E.2(A)(4), OR NFRC 400 BY AN ACCREDITED, INDEPENDENT LABORATORY AND LABELED AND CERTIFIED BY THE MANUFACTURERS AND SHALL NOT EXCEED 0.06 CFM PER SQUARE FOOT, OPERABLE WINDOWS SHALL NOT EXCEED 0.1 CFM PER FOOT, AND SWING DOORS NOT MORE THAN 0.3 CFM PER FOOT.
  - CURTAIN WALL STOREFRONT GLAZING AND ENTRANCES: FIXED ELEMENT: AIR LEAKAGE THROUGH FIXED LIFE ELEMENTS OF THE GLAZED CURTAIN WALL SHALL NOT EXCEED 0.06 CFM PER SQUARE FOOT OF FIXED WALL AREA WHEN TESTED IN ACCORDANCE WITH ASTM E 283 AT A POSITIVE AND NEGATIVE TEST PRESSURE DIFFERENTIAL TO 6.24 PSF. SWINGING ENTRANCE DOORS: AIR INFILTRATION PER LINEAR FOOT OF PERIMETER CRACK OF NOT MORE THAN 0.50 CFM FOR SINGLE DOORS AND 1.0 CFM AT THE MEETING STILE OF PAIRS OF DOORS AS PER ASTM E 283 AT PRESSURE DIFFERENTIAL OF 1.56 PSF.
  - PERFORMANCE CRITERIA PER WALL TYPE SCHEDULED & EN-01 (THERMAL REQUIREMENT PER CODE CHECK).  
 TYPE V.1 R: U-Factor 0.43, SHGC 0.32  
 TYPE V.2 R: U-Factor 0.38, SHGC 0.32  
 TYPE V.1 NR Storefront Window: U-Factor 0.36, SHGC 0.4  
 Storefront Swing Entrance Door: U-Factor 0.8, SHGC 0.76  
 Curtain Wall Opaque Portion: U-Factor 0.042 (max.)

NOTE: PROVIDE AN ACCESSIBLE REACH RANGE (48" MAX HEIGHT) AND 30" X 48" CLEAR FLOOR SPACE AT WINDOWS WITH NATURAL VENTILATION. OTHERWISE THESE WINDOWS ARE NOT IN COMPLIANCE WITH REACH RANGES THE OPERABLE PARTS OF THESE WINDOWS MUST BE DESIGNED TO BE OPERATED BY THE USE OF ADAPTIVE DEVICES





1 EAST-WEST BUILDING SECTION  
SCALE: 3/32"=1'-0"



2 NORTH SOUTH BUILDING SECTION  
SCALE: 3/32"=1'-0"



KEY PLAN

NOTES:

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:  
Project:  
**7 WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

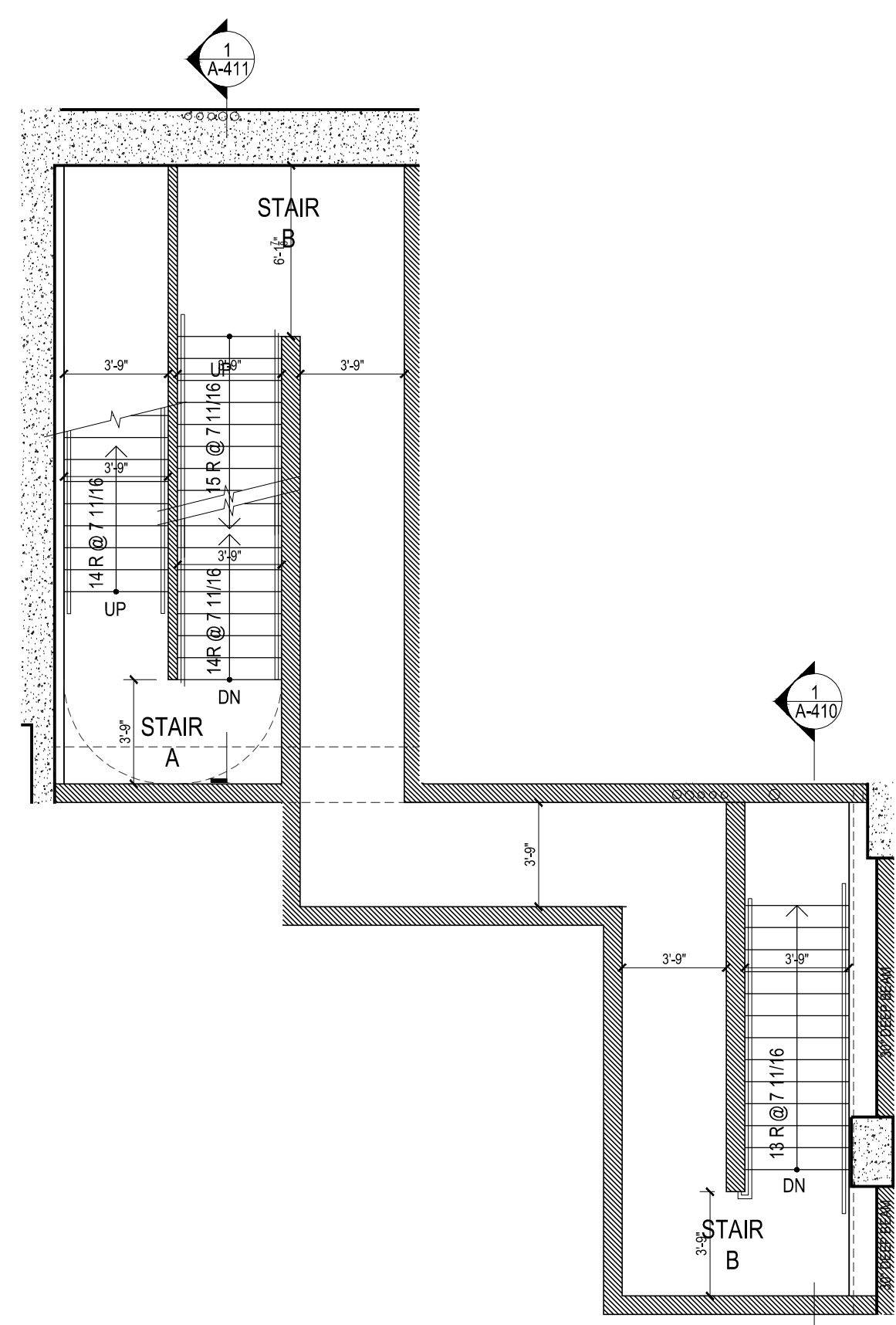
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

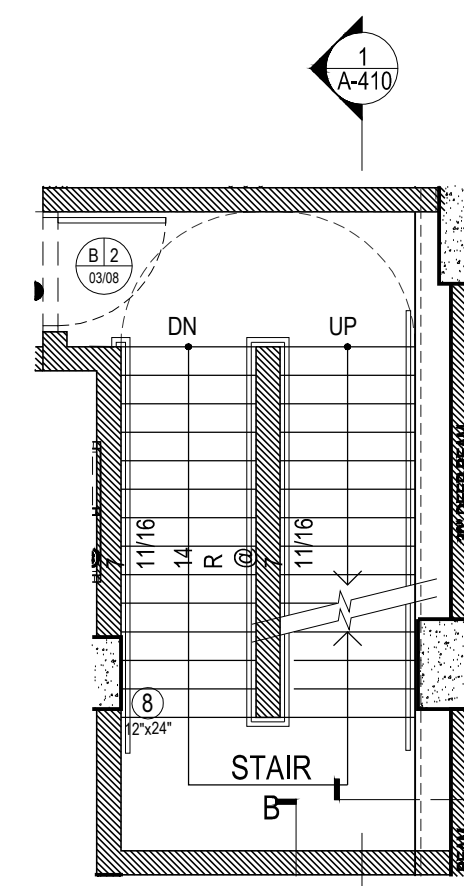
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DWG TITLE:  
**BLDG. SECTION**

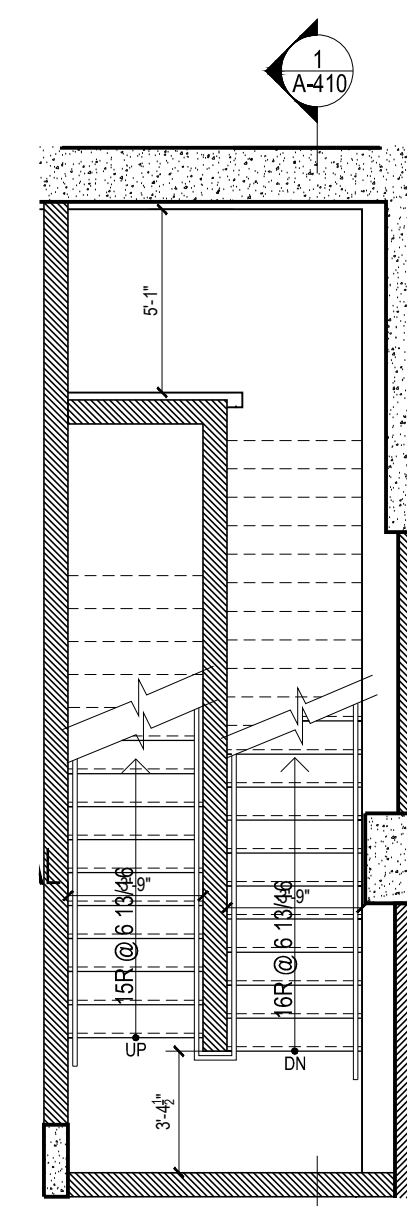
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PROJECT # 16A10  
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**A-400.00**  
DWG NO.  
NB#121191441



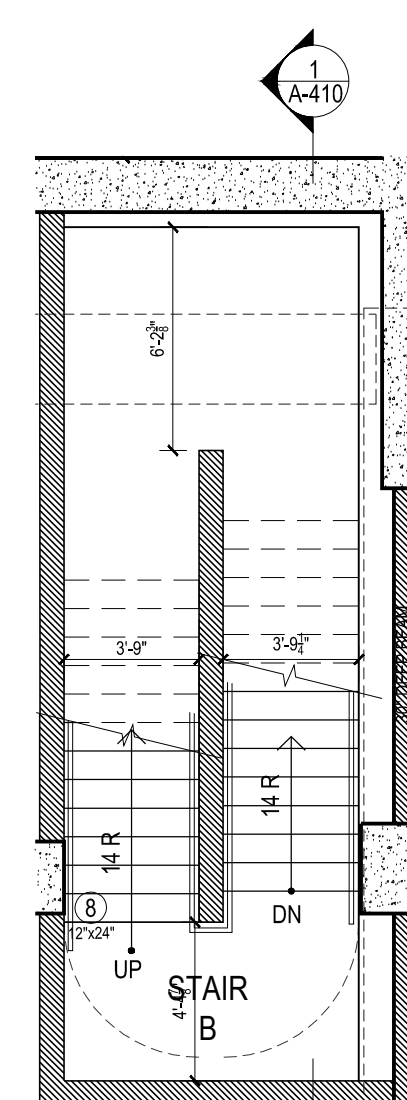
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SCALE: 3/16"=1'-0"



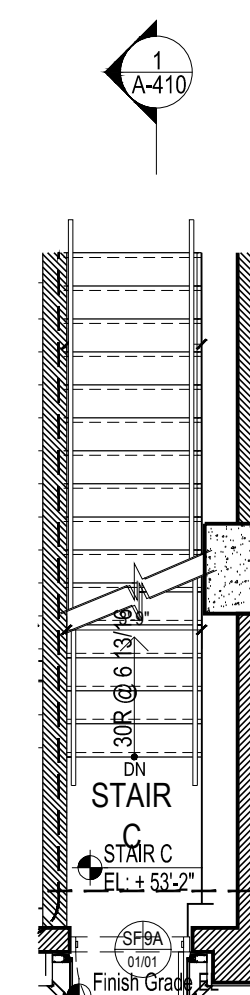
6 PLAN - STAIR 'B' AT 3RD FL  
SCALE: 3/16"=1'-0"



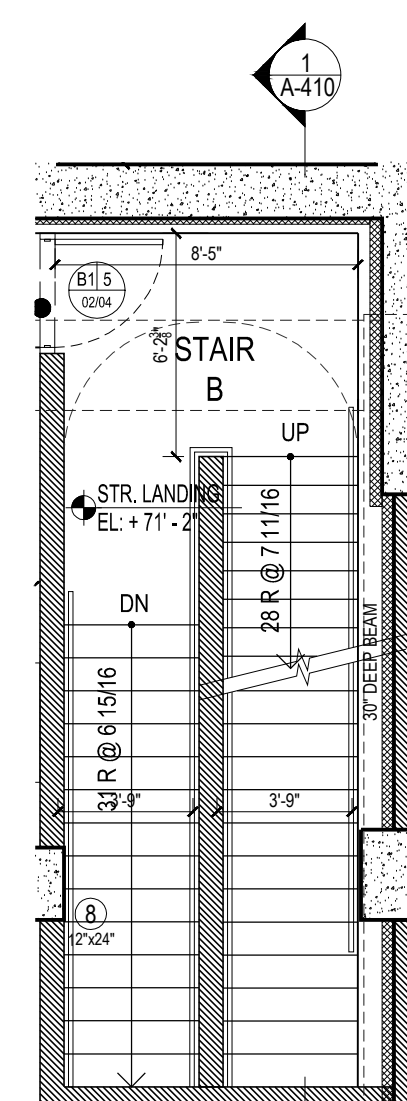
11 PLAN - STAIR 'B' AT 1ST FL INTERMEDIATE  
SCALE: 3/16"=1'-0"



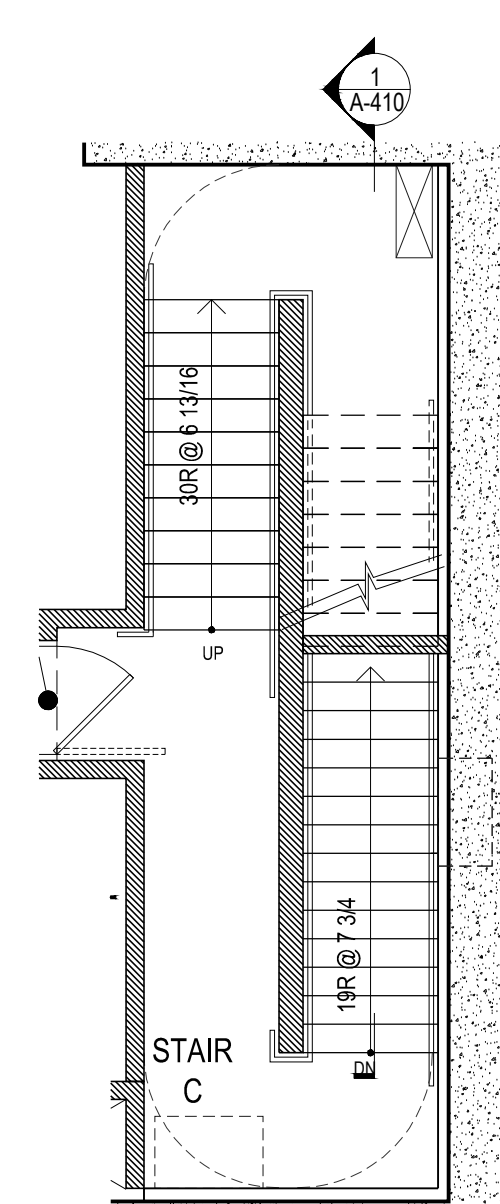
5 PLAN - STAIR 'B' AT 2ND FLOOR INTERMEDIATE  
SCALE: 3/16"=1'-0"



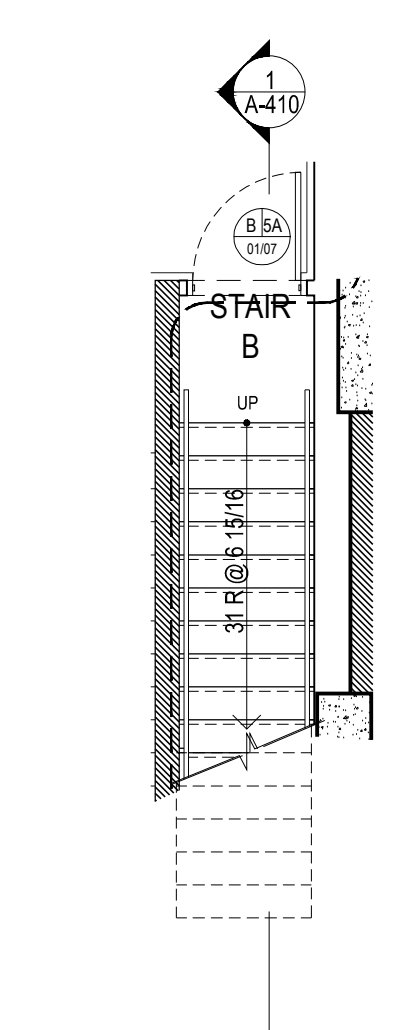
10 PLAN - STAIR 'C' AT 1ST FLOOR  
SCALE: 3/16"=1'-0"



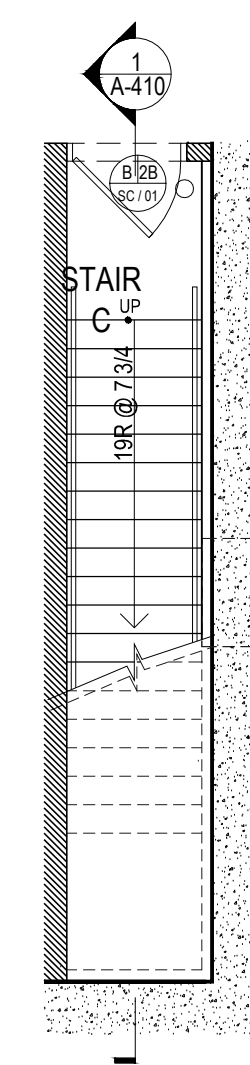
4 PLAN - STAIR 'B' AT 2ND FL  
SCALE: 3/16"=1'-0"



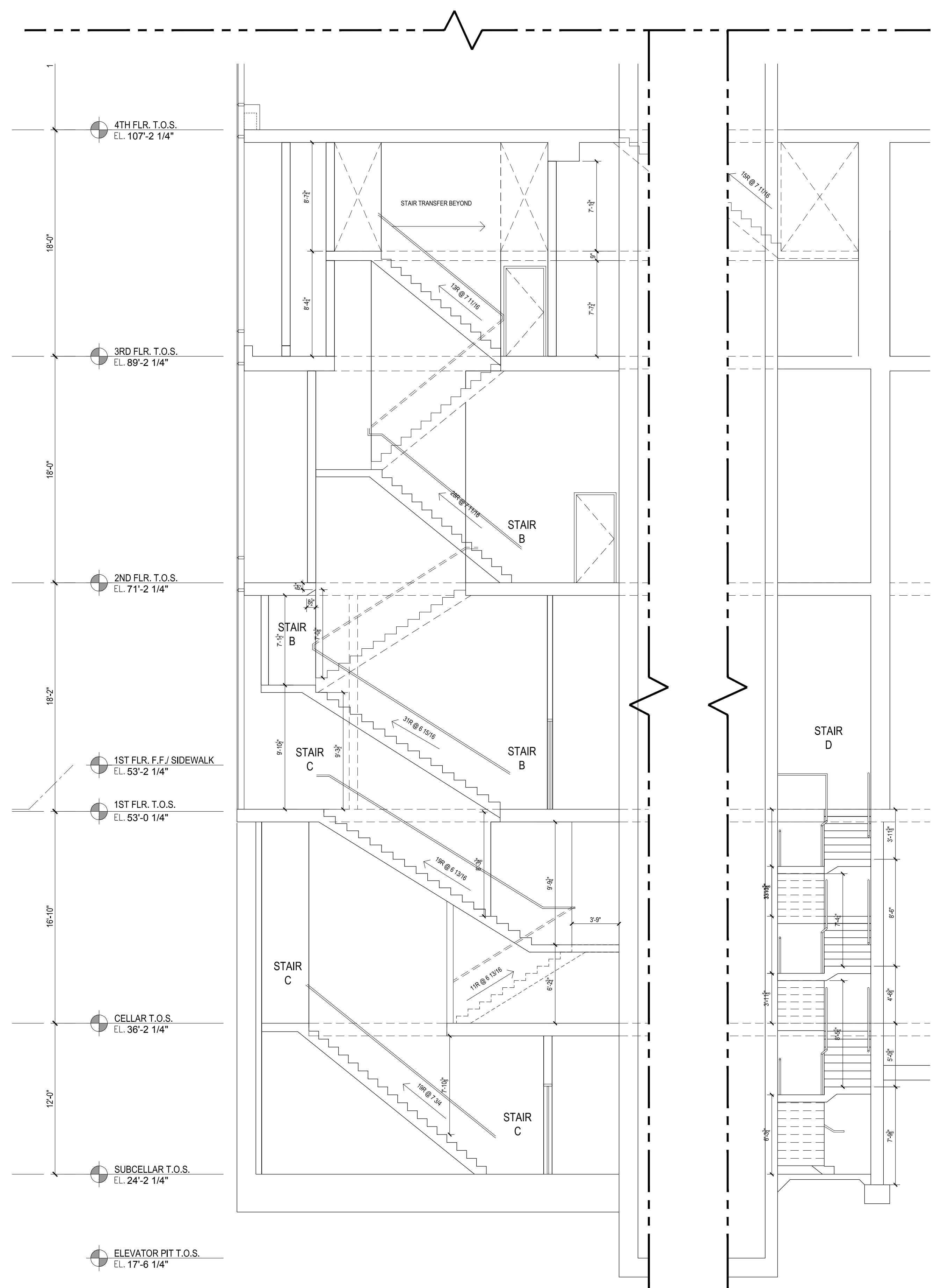
9 PLAN - STAIR 'C' AT CELLAR  
SCALE: 3/16"=1'-0"



3 PLAN - STAIR 'B' AT 1ST FLOOR  
SCALE: 3/16"=1'-0"

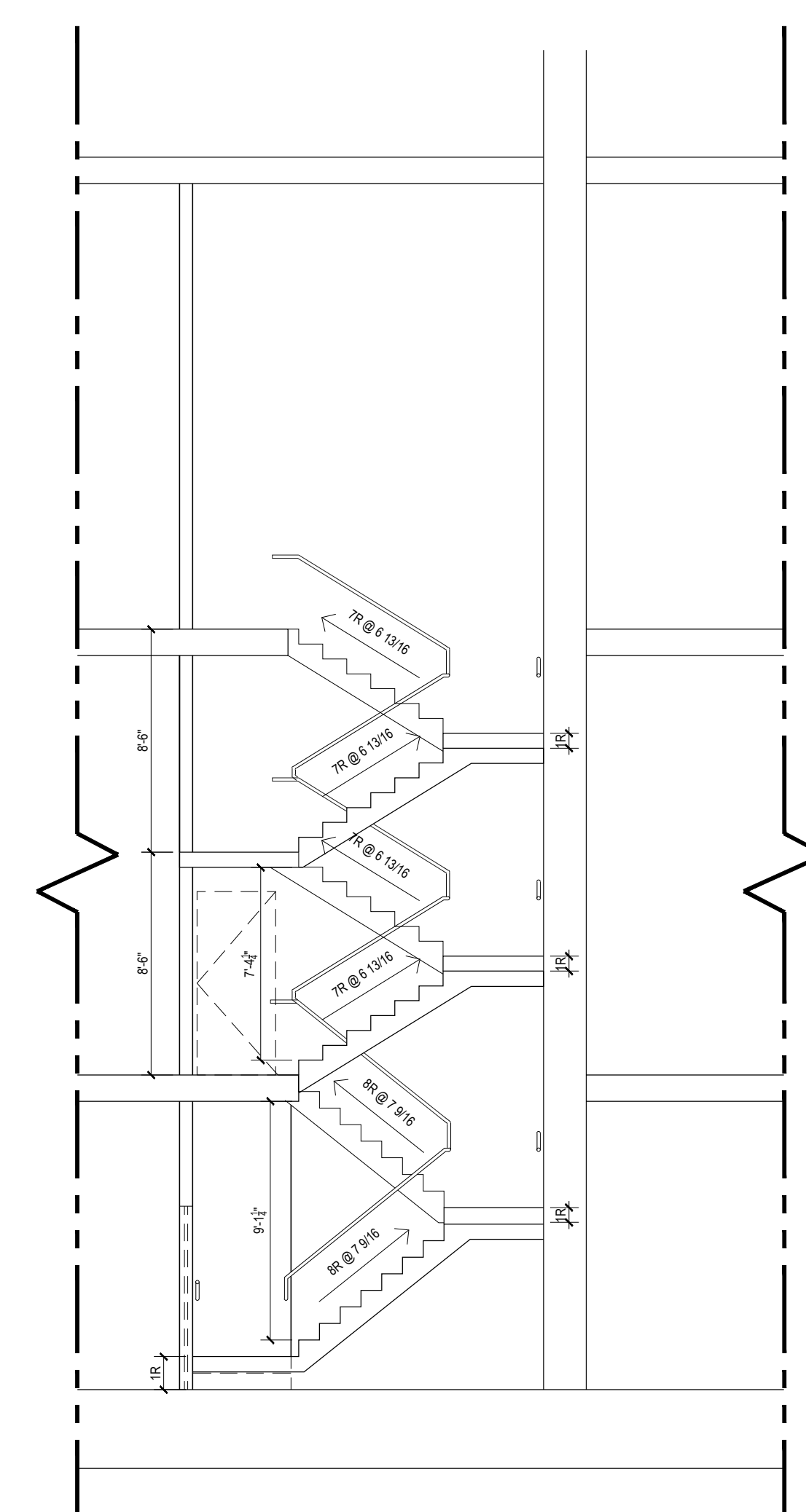


8 PLAN - STAIR 'C' AT SUBCELLAR  
SCALE: 3/16"=1'-0"

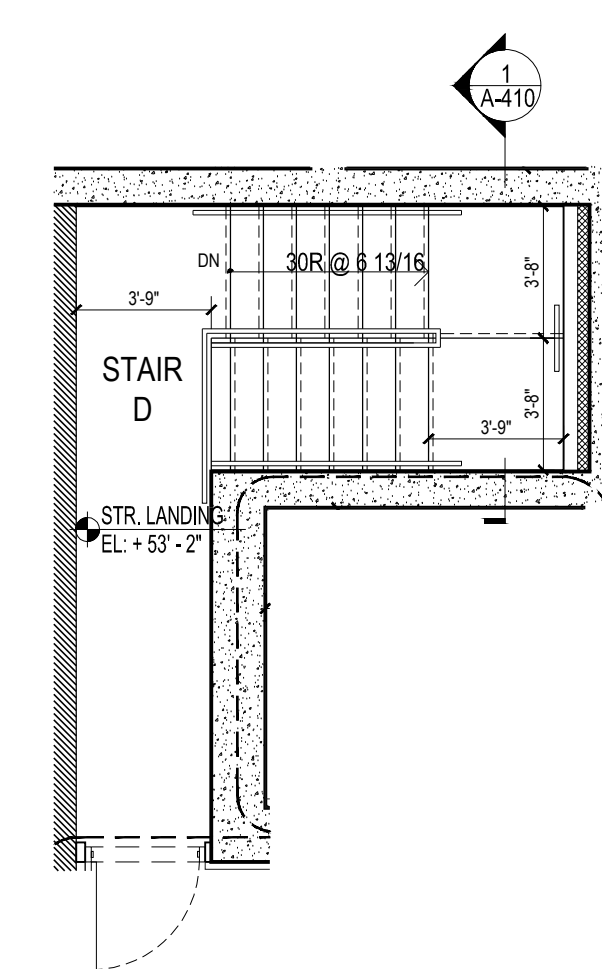


1 SECTION - STAIRS 'C' & PARTIAL 'B'  
SCALE: 3/16"=1'-0"

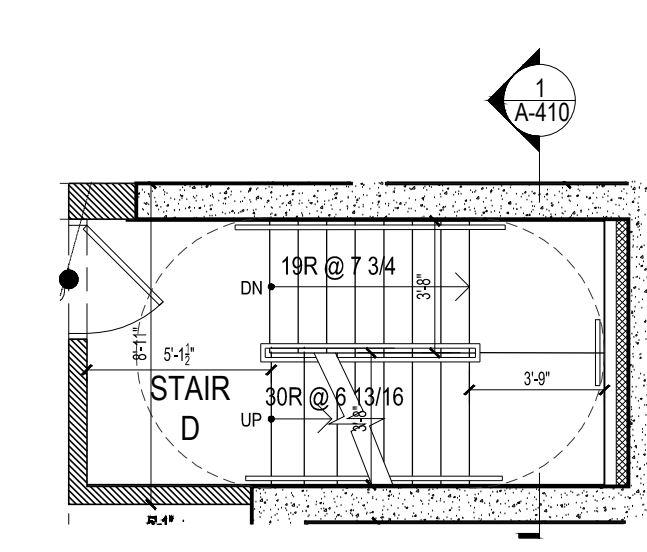
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SCALE: 3/16"=1'-0"



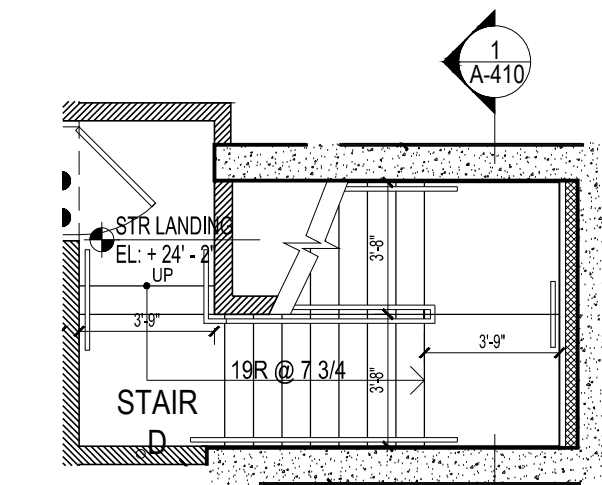
15 SECTION - STAIR 'D'  
SCALE: 3/16"=1'-0"



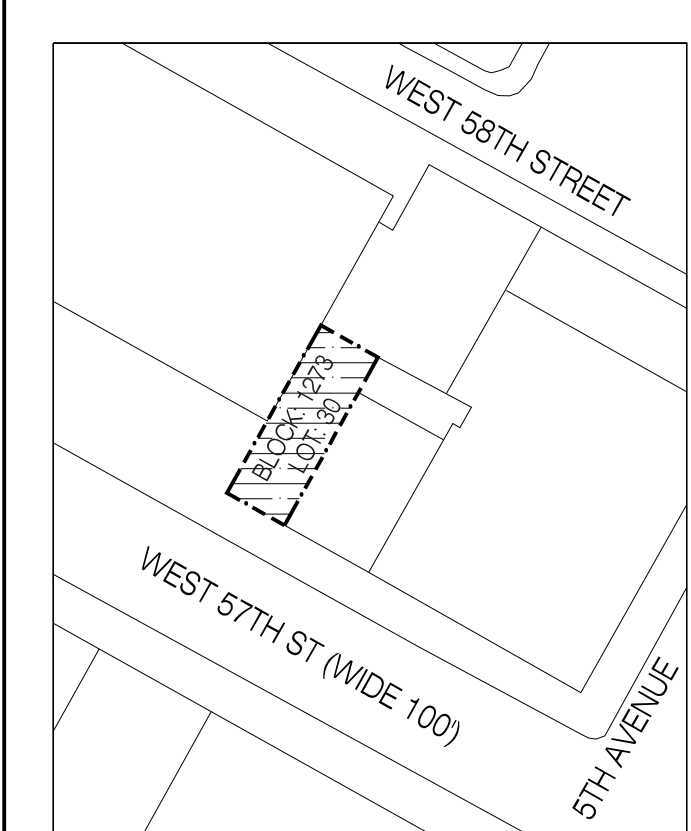
14 PLAN - STAIR 'D' AT 1ST FL  
SCALE: 3/16"=1'-0"



13 PLAN - STAIR 'D' CELLAR  
SCALE: 3/16"=1'-0"



12 PLAN - STAIR 'D' AT SUBCELLAR  
SCALE: 3/16"=1'-0"



KEY PLAN

NOTES:

16	10/06/2017	ADDENDUM 2
15	08/15/2017	ADDENDUM 1
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION/FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:  
**7 WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

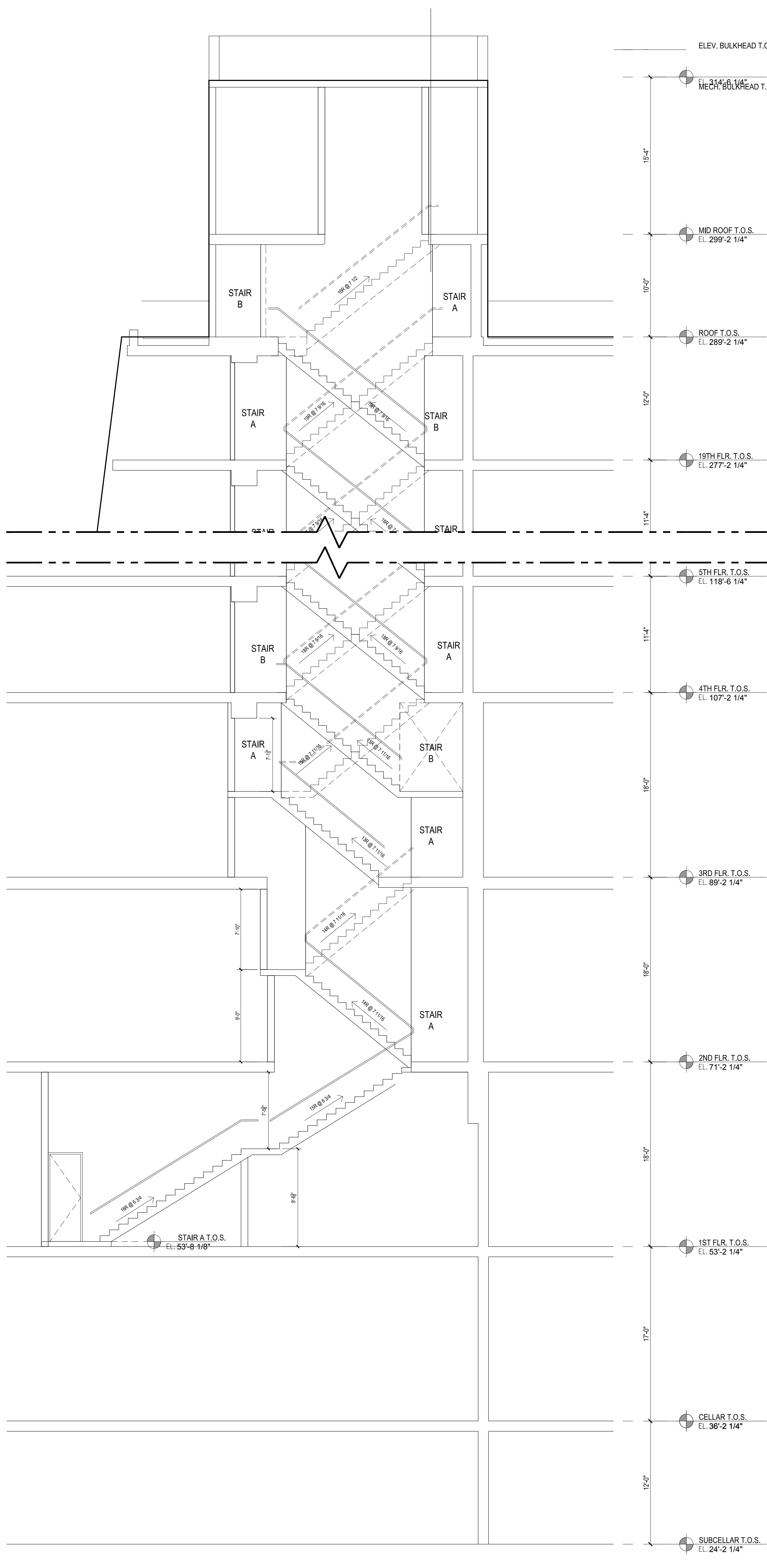
Building Envelope Consultant:  
**VDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

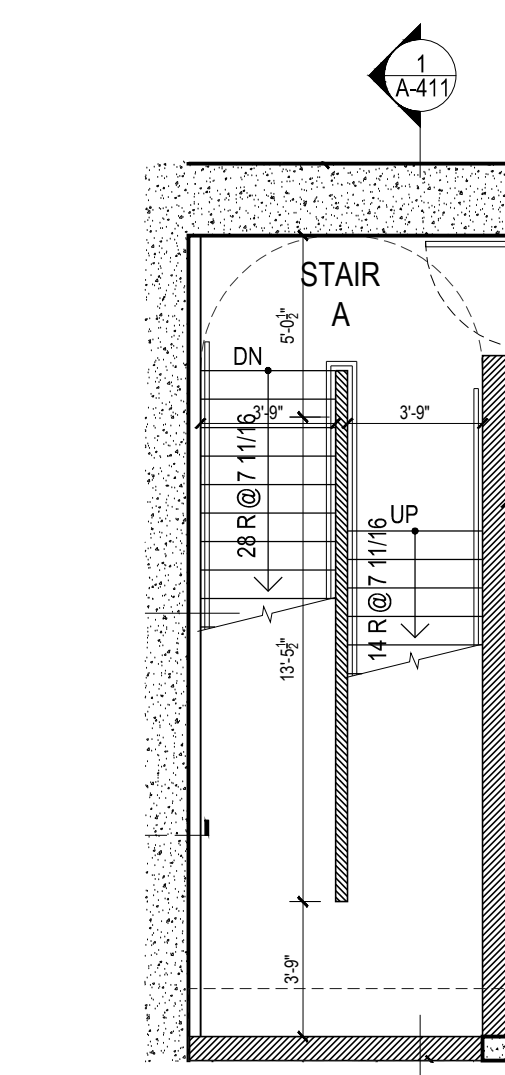
DWG TITLE:  
**EGRESS STAIR PLAN  
SECTION & DETAILS**

SEAL & SIGNATURE 	DATE: 10/06/2017
	PROJECT #: 16A10
	SCALE: 3/16"=1'-0"
	<b>A-410.00</b>
	DWG NO.

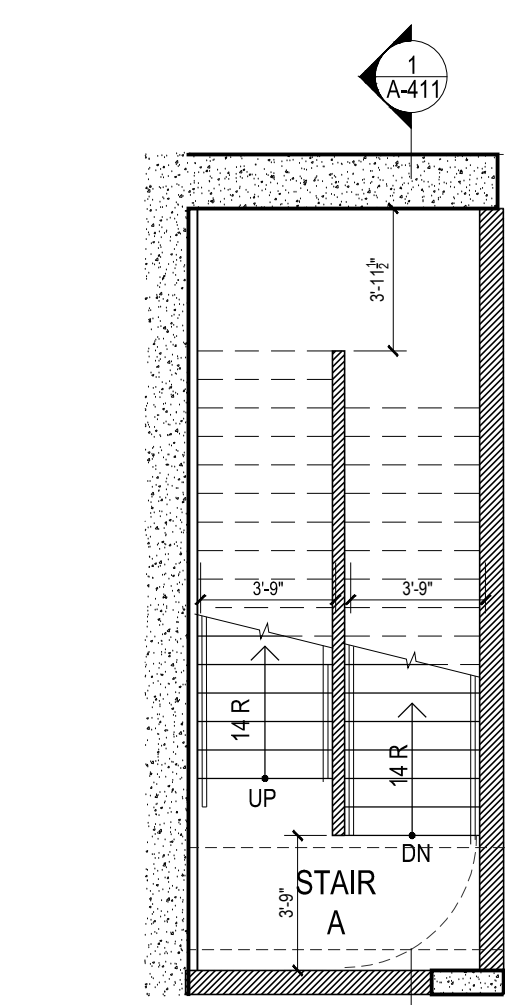
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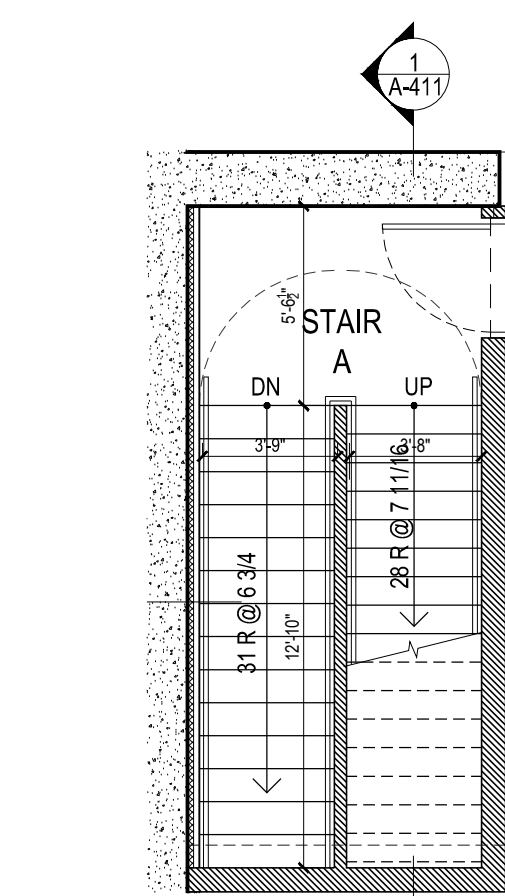
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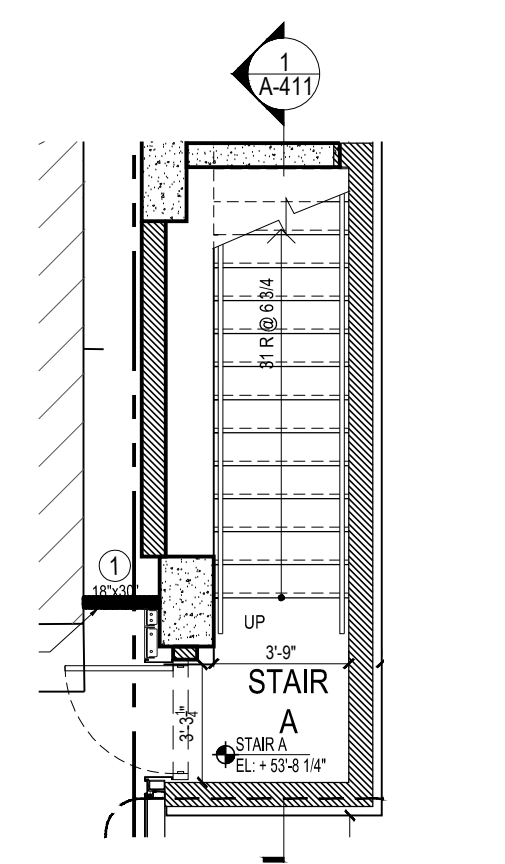
5 PLAN - STAIR 'A' AT 3RD FLOOR  
SCALE: 3/16"=1'-0"



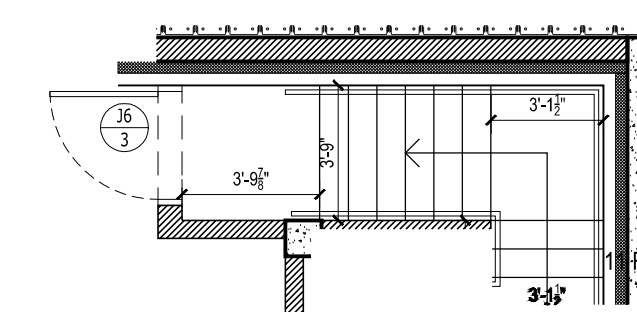
4 PLAN - STAIR 'A' AT 2ND FL INTERMEDIATE  
SCALE: 3/16"=1'-0"



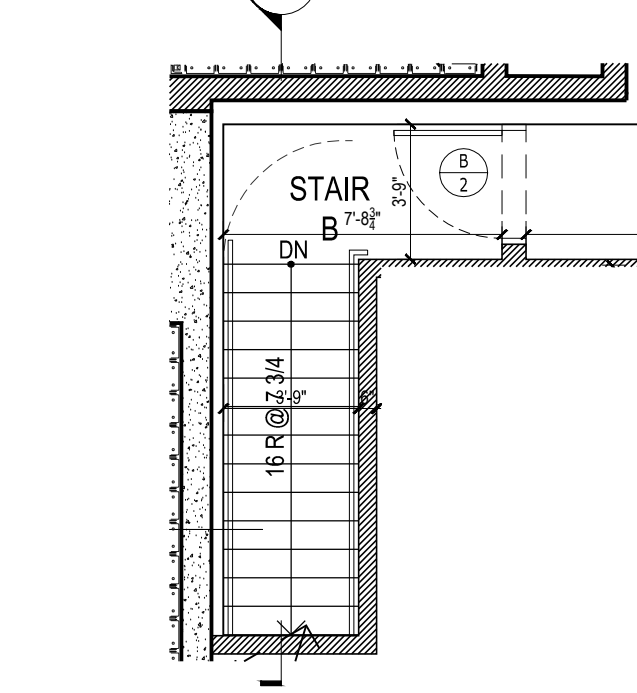
3 PLAN - STAIR 'A' AT 2ND FLOOR  
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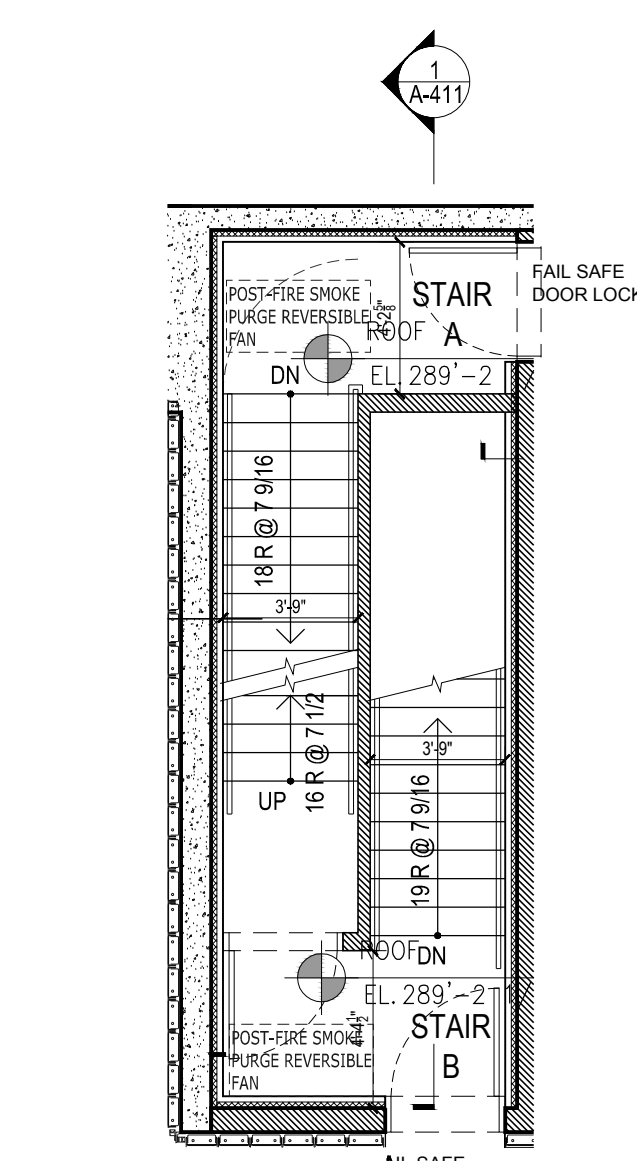
2 PLAN - STAIR 'A' AT 1ST FL  
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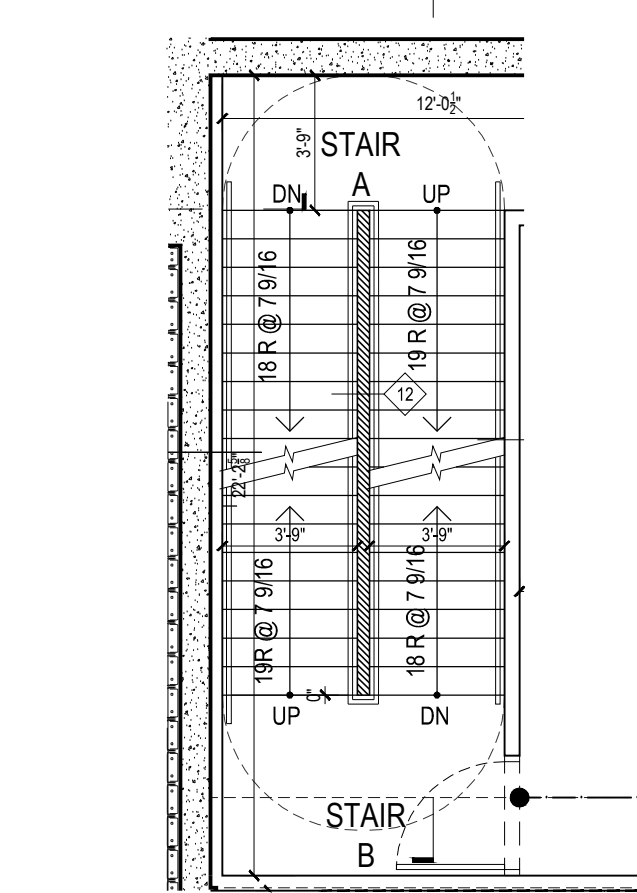
10 PLAN - STAIR AT EMR  
SCALE: 3/16"=1'-0"



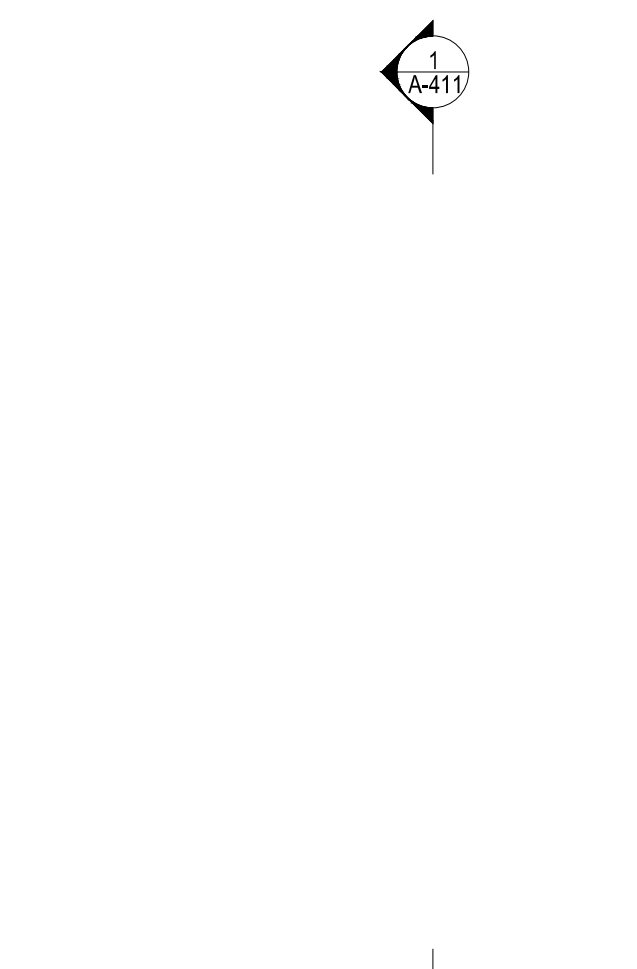
9 PLAN - STAIR 'B' AT MID ROOF  
SCALE: 3/16"=1'-0"



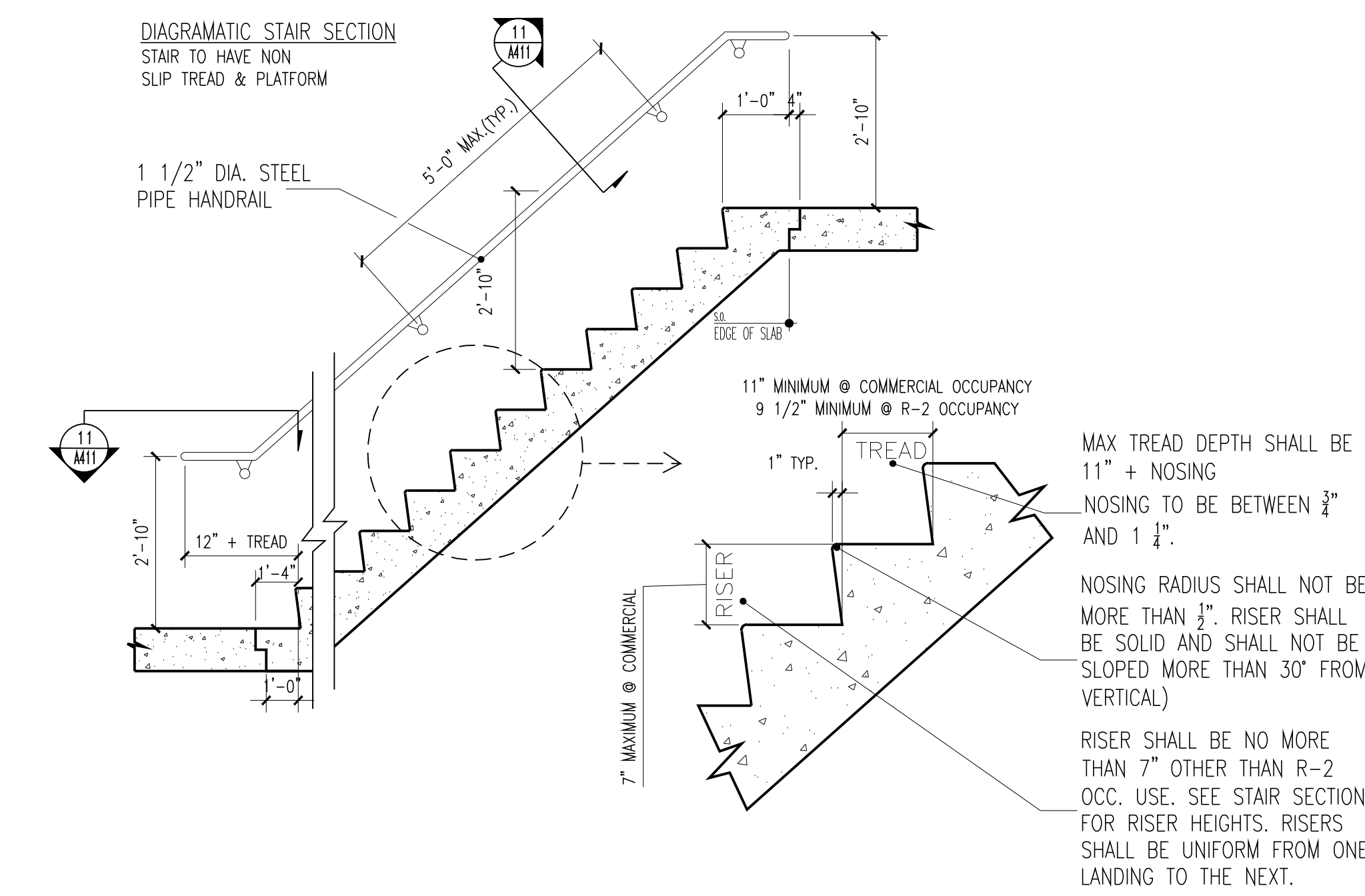
8 PLAN - STAIR 'A' & 'B' AT ROOF  
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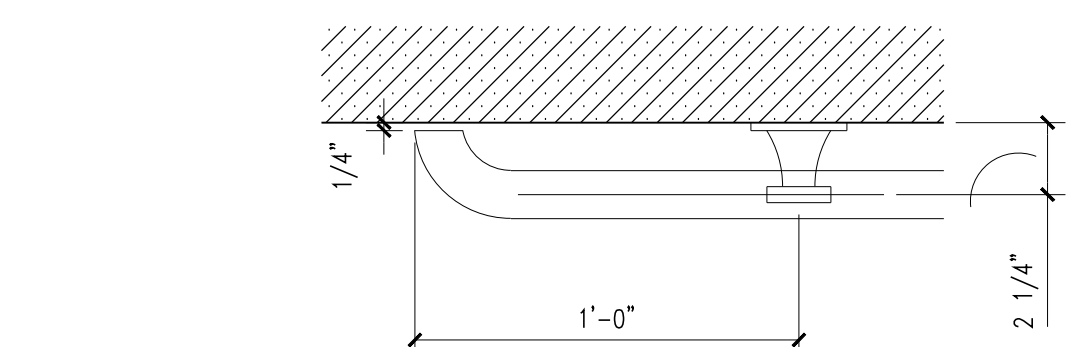
7 PLAN - STAIR 'A' & 'B' AT 19TH FL  
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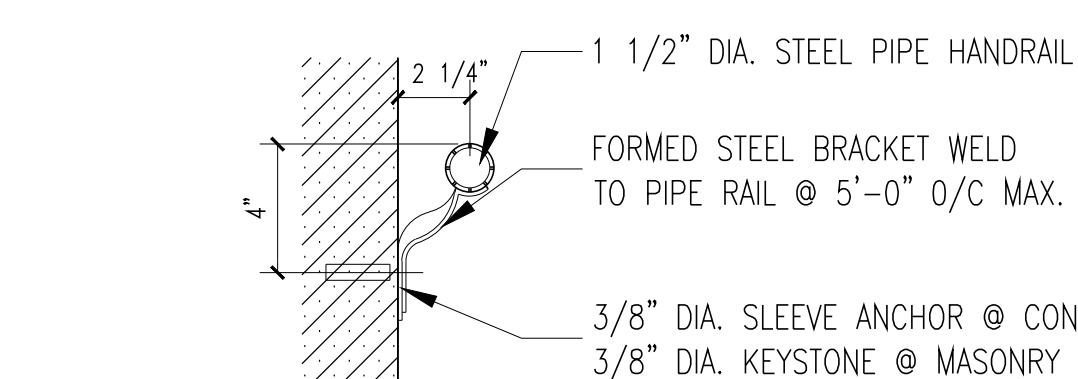
6 PLAN - STAIR 'A' & 'B' AT 4TH TO 18TH FL  
SCALE: 3/16"=1'-0"



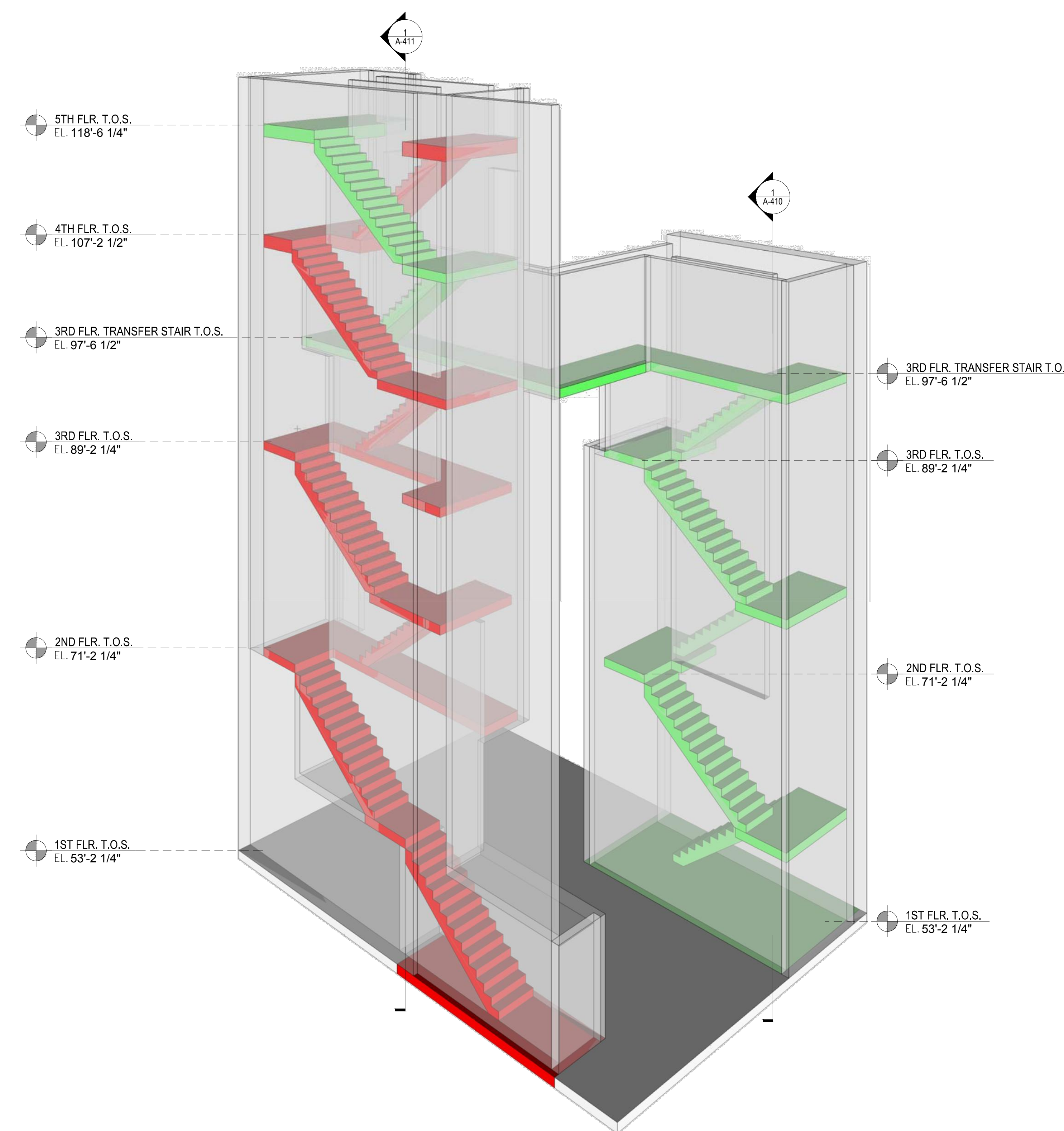
13 STAIR TREAD AND NOSING DETAIL  
SCALE: 1/4"=1'-0"



12 HANDRAIL PLAN  
SCALE: 1/4"=1'-0"



11 HANDRAIL SECTION  
SCALE: 1/4"=1'-0"



KEY PLAN

NOTES:

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
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11	05/28/2017	100% CD SUBMISSION
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06	04/03/2017	ISSUED AS PER ENERGY COMMENTS
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03	02/17/2017	DOB SUBMISSION
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01	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Client: **SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: **HILL | WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer: **Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer: **COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant: **VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**EGRESS STAIR PLAN SECTION & DETAILS**

SEAL & SIGNATURE: **WESLEY CHARLES ARCHITECT**  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: 3/16"=1'-0"  
**A-411.00**  
DWG NO.  
NB#12191441



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
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01	12/22/2016	DOB SUBMISSION

Number:    Date:    Revision:

Project:  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLOW57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
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 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
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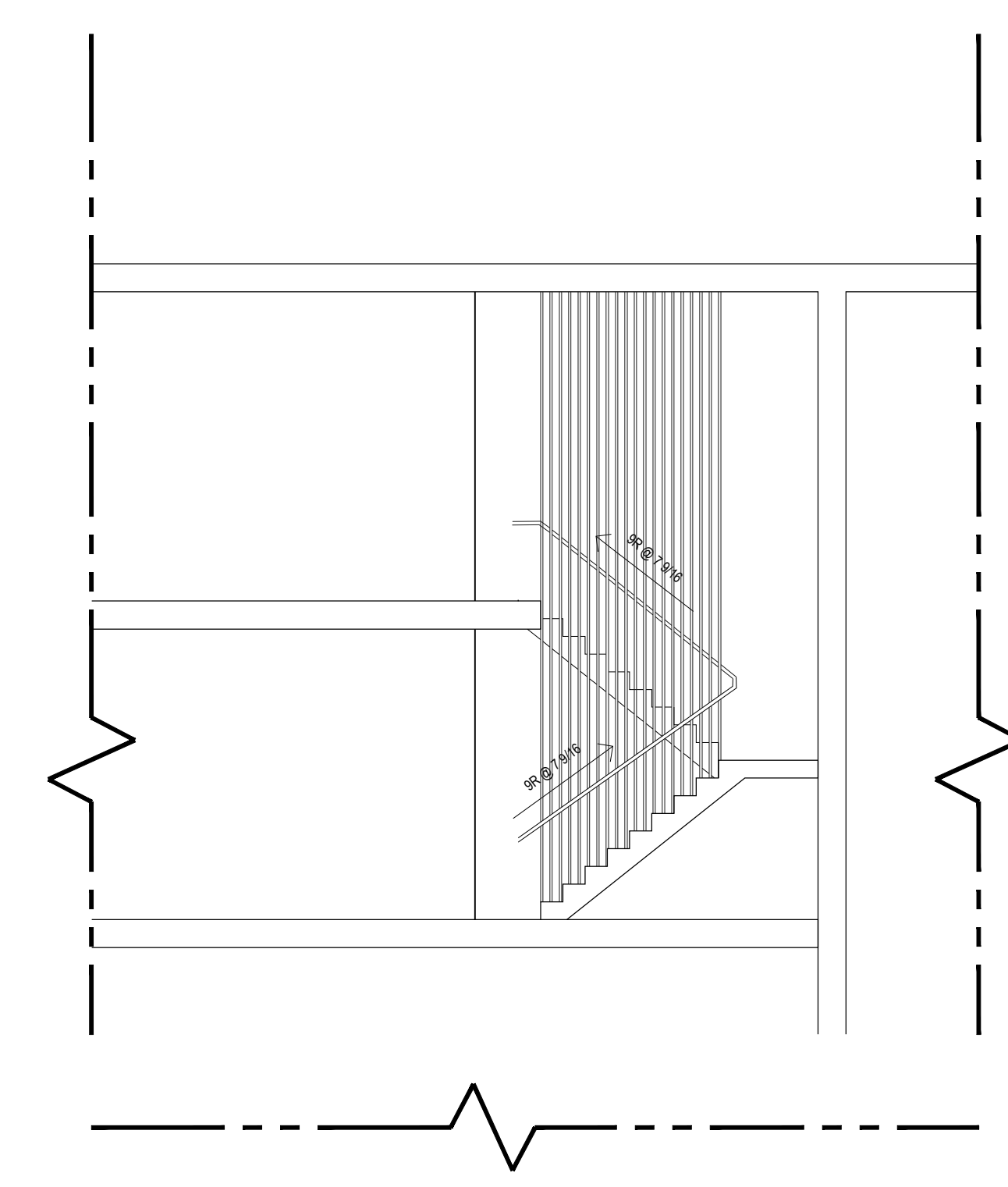
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
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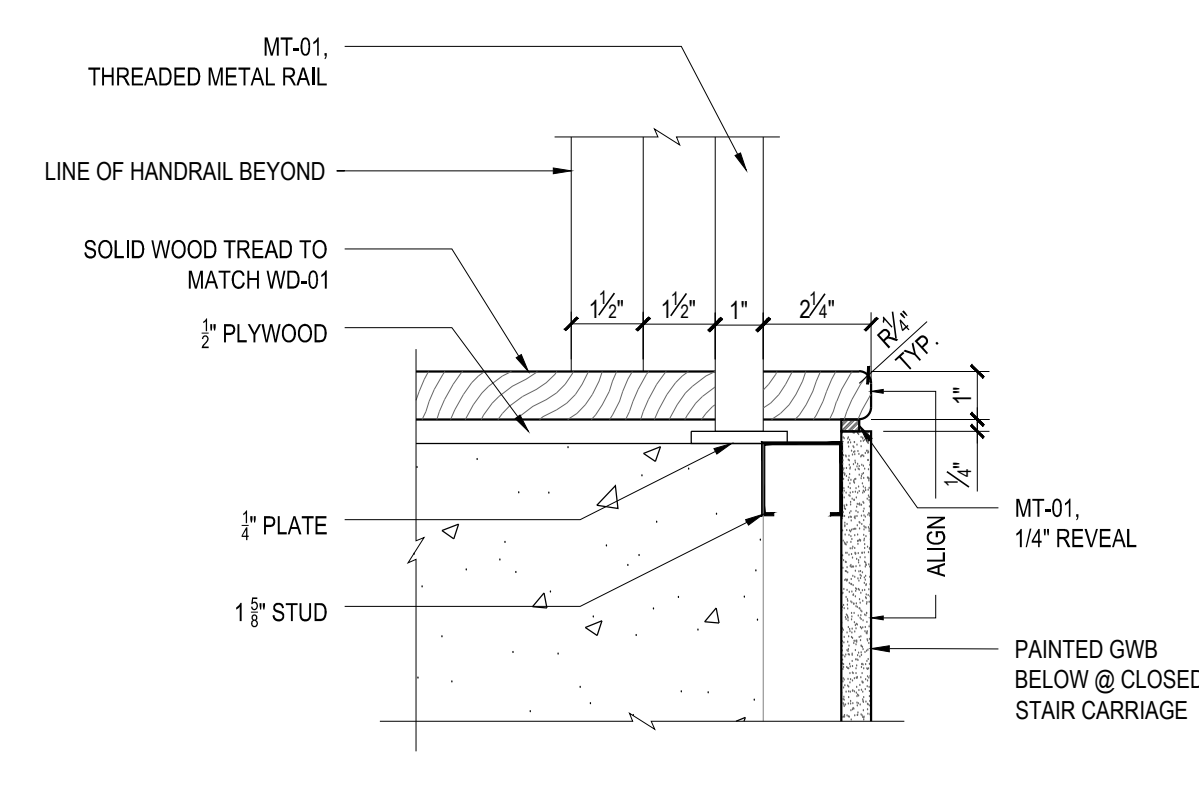
DOB STAMPS & SIGNATURES:

**DWG TITLE:**  
**PENTHOUSE STAIR PLAN**  
**SECTION & DETAILS**

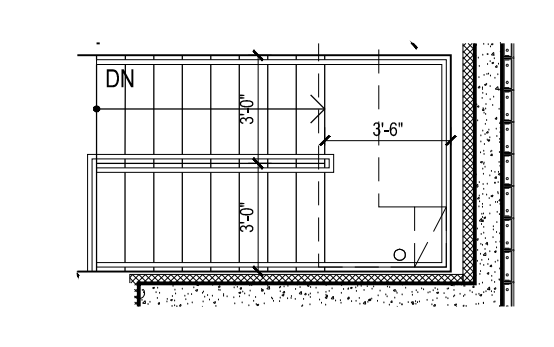
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PROJECT # 16A10	SCALE 3/16"=1'-0"
<b>A-412.00</b>	
DWG NO	



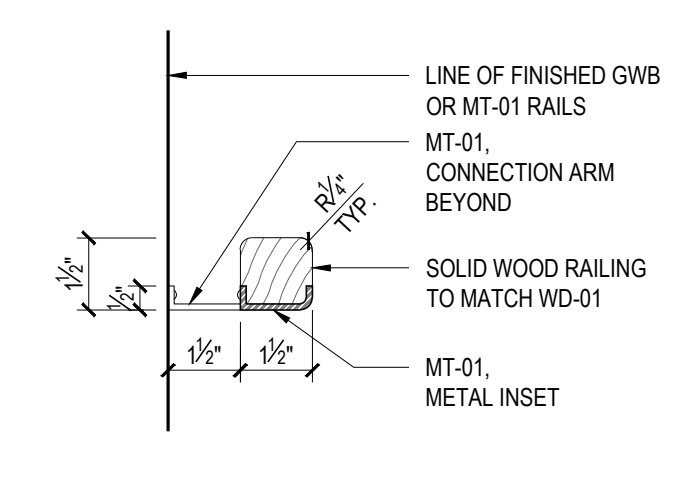
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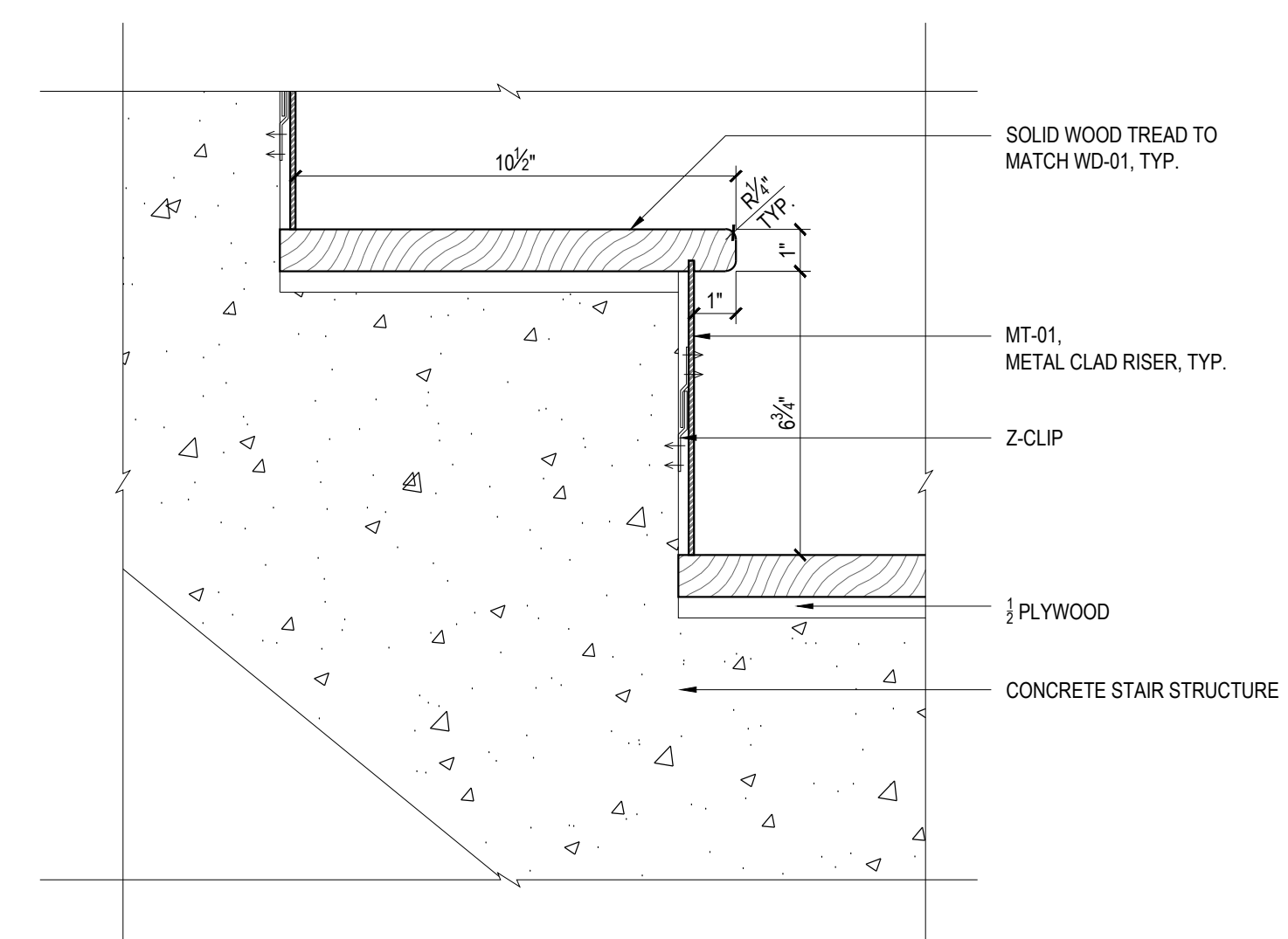
**6 TREAD @ WALL DETAIL**  
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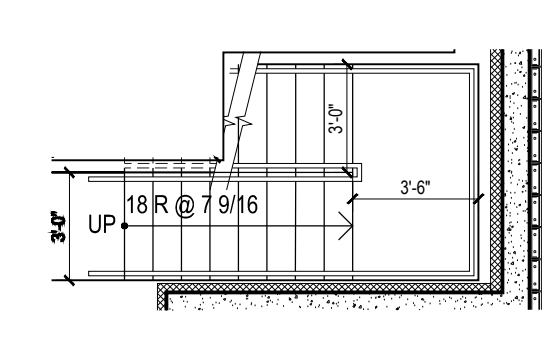
**2 PLAN - STAIR 'C' AT 19TH FL**  
 SCALE: 3/16"=1'-0"



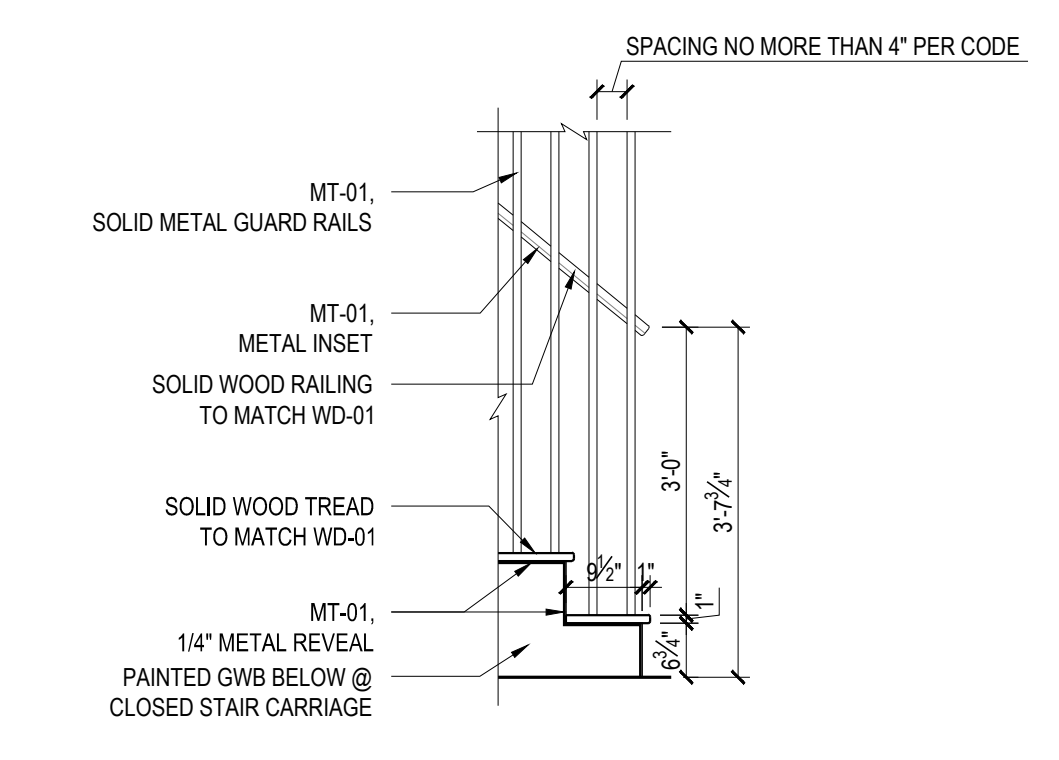
**5 TYP. HANDRAIL DETAIL**  
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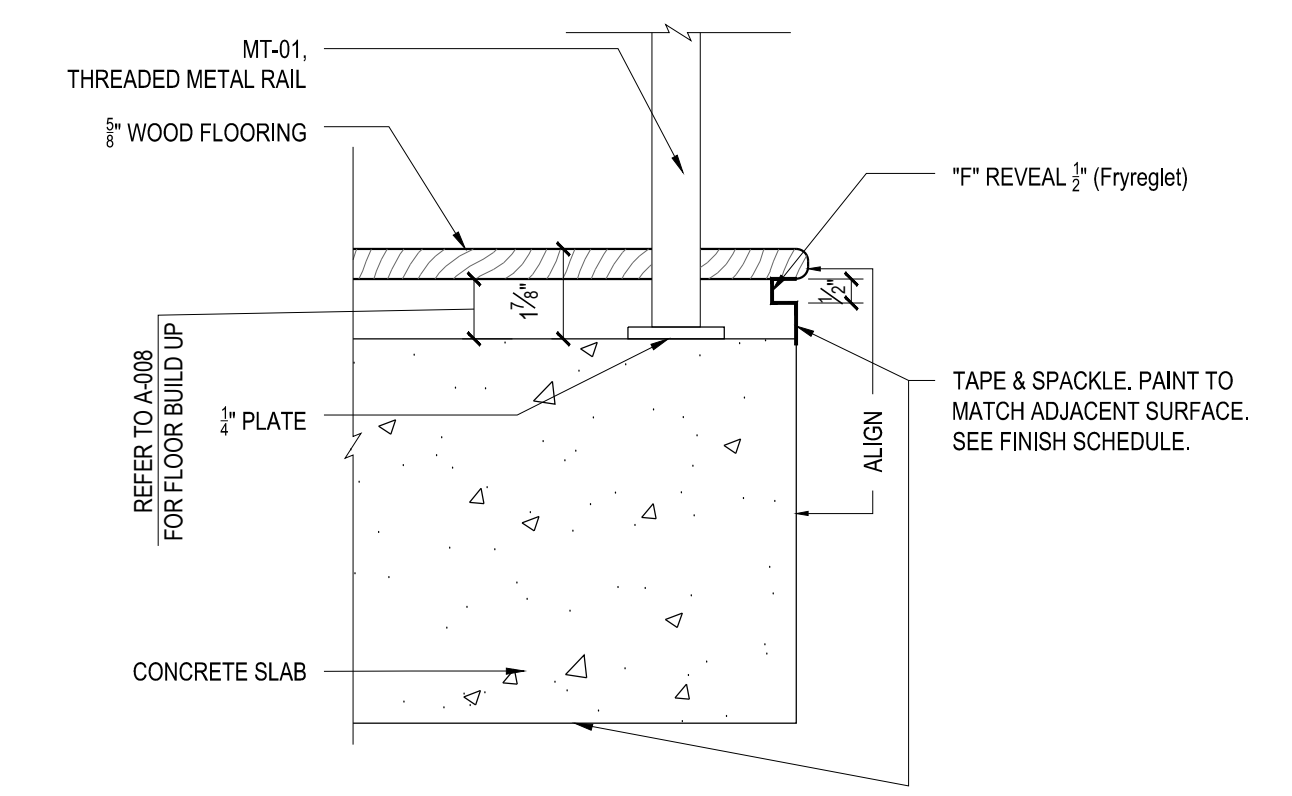
**8 TREAD @ RISER DETAIL**  
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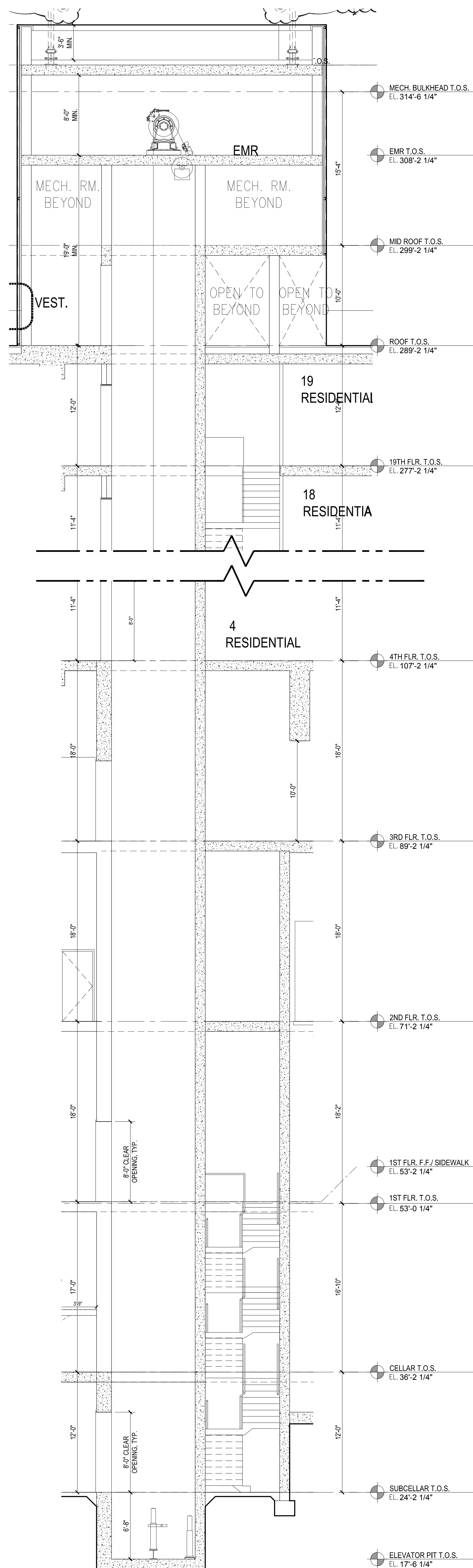
**1 PLAN - STAIR 'C' AT 18TH FL**  
 SCALE: 3/16"=1'-0"



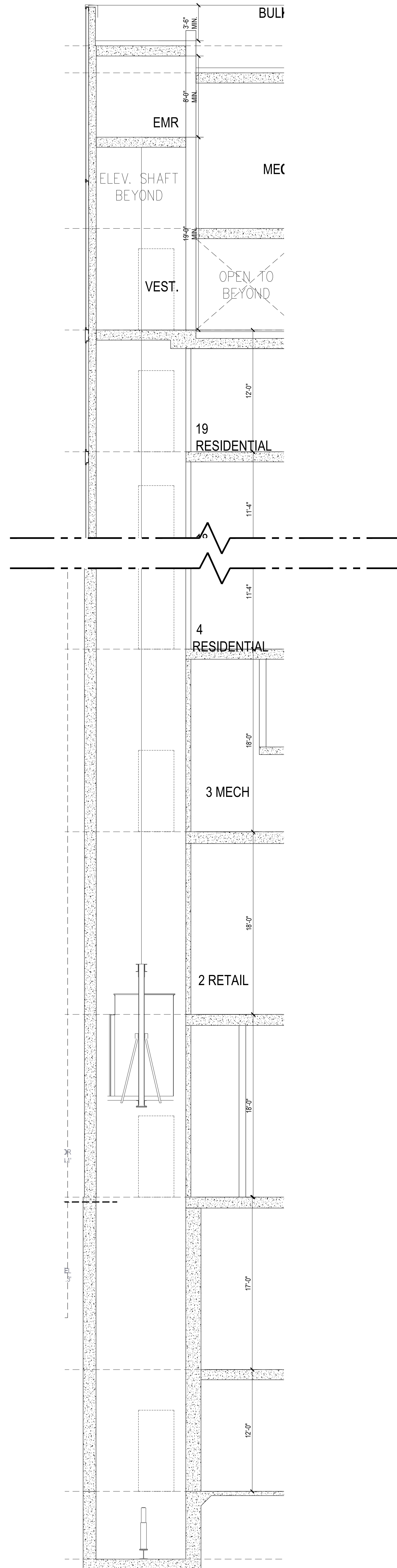
**4 STAIR DETAILS**  
 SCALE: 1 1/2"=1'-0"



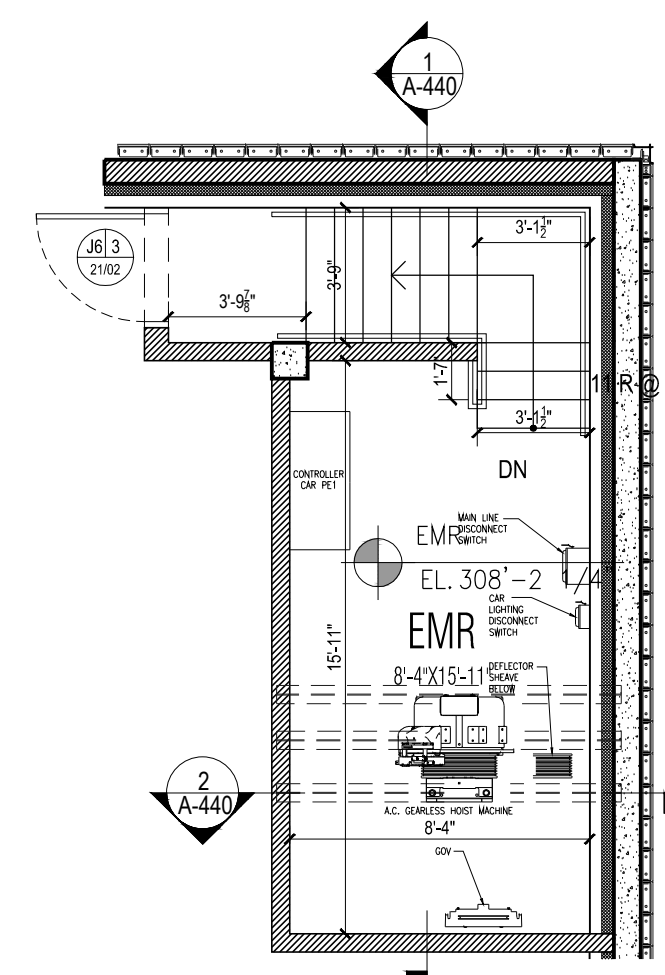
**7 SLAB DETAIL**  
 SCALE: 1 1/2"=1'-0"



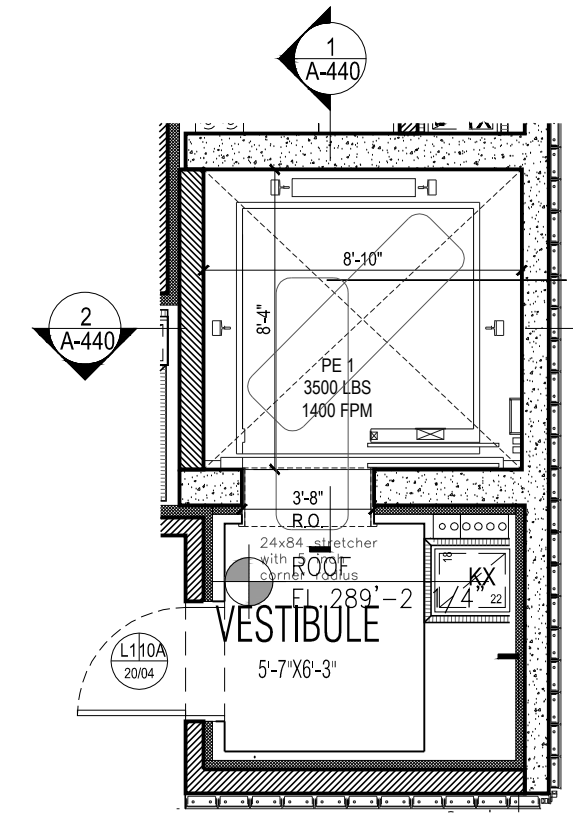
1 CORE A - ELEVATOR NORTH-SOUTH SECTION  
SCALE: 3/16"=1'-0"



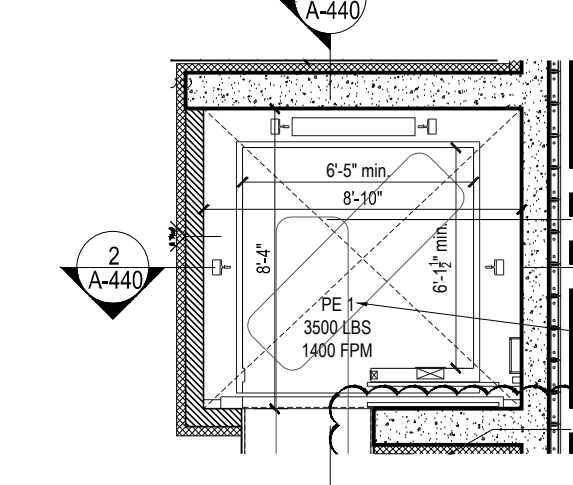
2 CORE A - ELEVATOR EAST-WEST SECTION  
SCALE: 3/16"=1'-0"



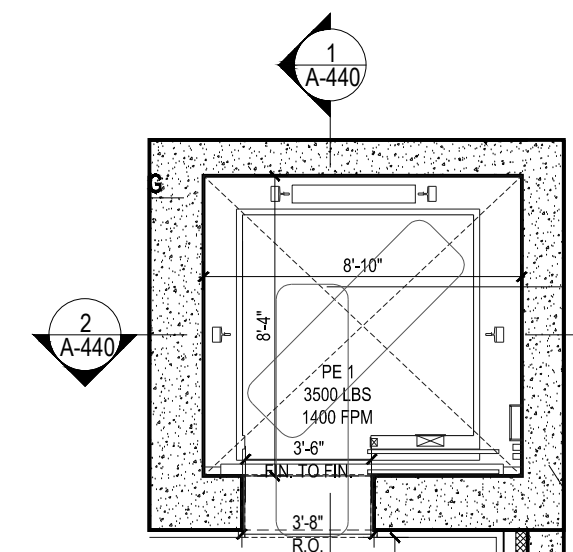
8 CORE A - EMR MID ROOF  
SCALE: 3/16"=1'-0"



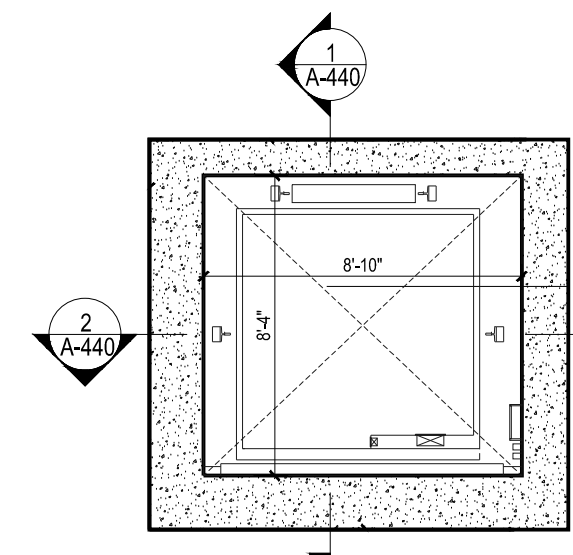
7 CORE A - ROOF  
SCALE: 3/16"=1'-0"



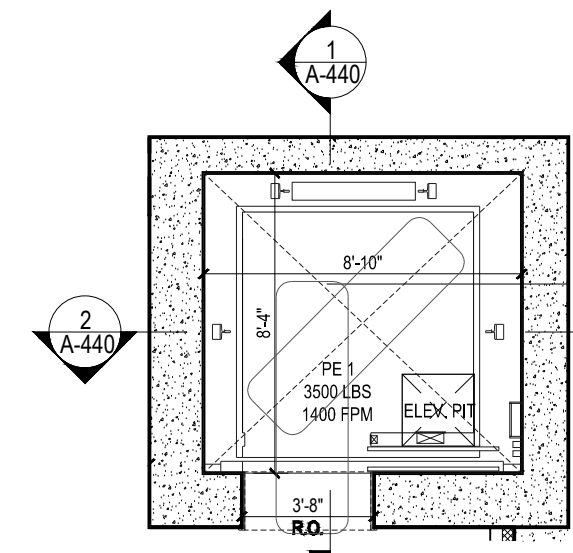
6 CORE A - 4TH-19TH FLOOR  
SCALE: 3/16"=1'-0"



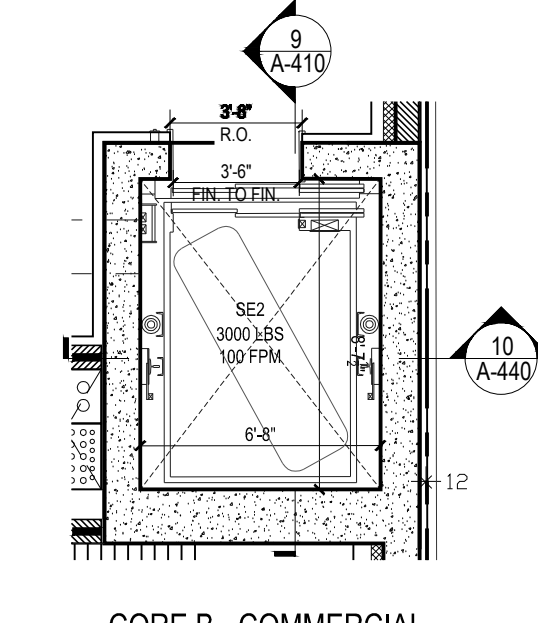
5 CORE A - 1ST & 3RD FLOOR  
SCALE: 3/16"=1'-0"



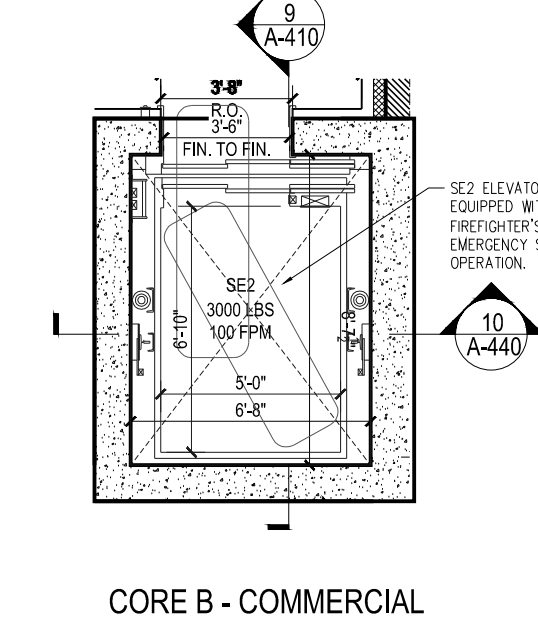
4 CORE A - CELLAR & 2ND FLOOR  
SCALE: 3/16"=1'-0"



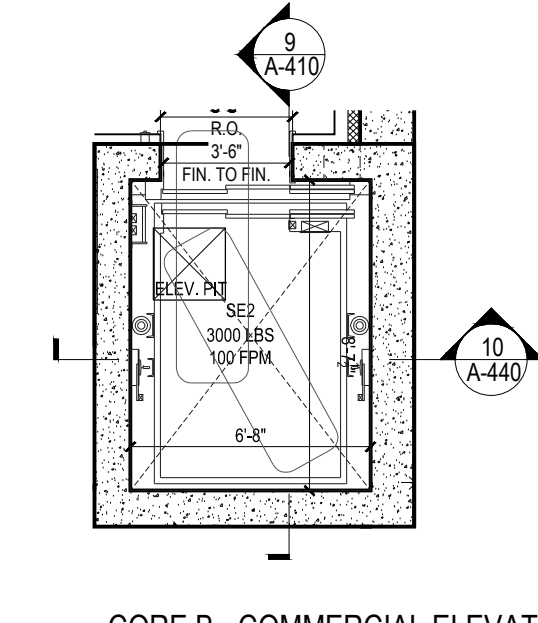
3 CORE A - SUBCELLAR  
SCALE: 3/16"=1'-0"



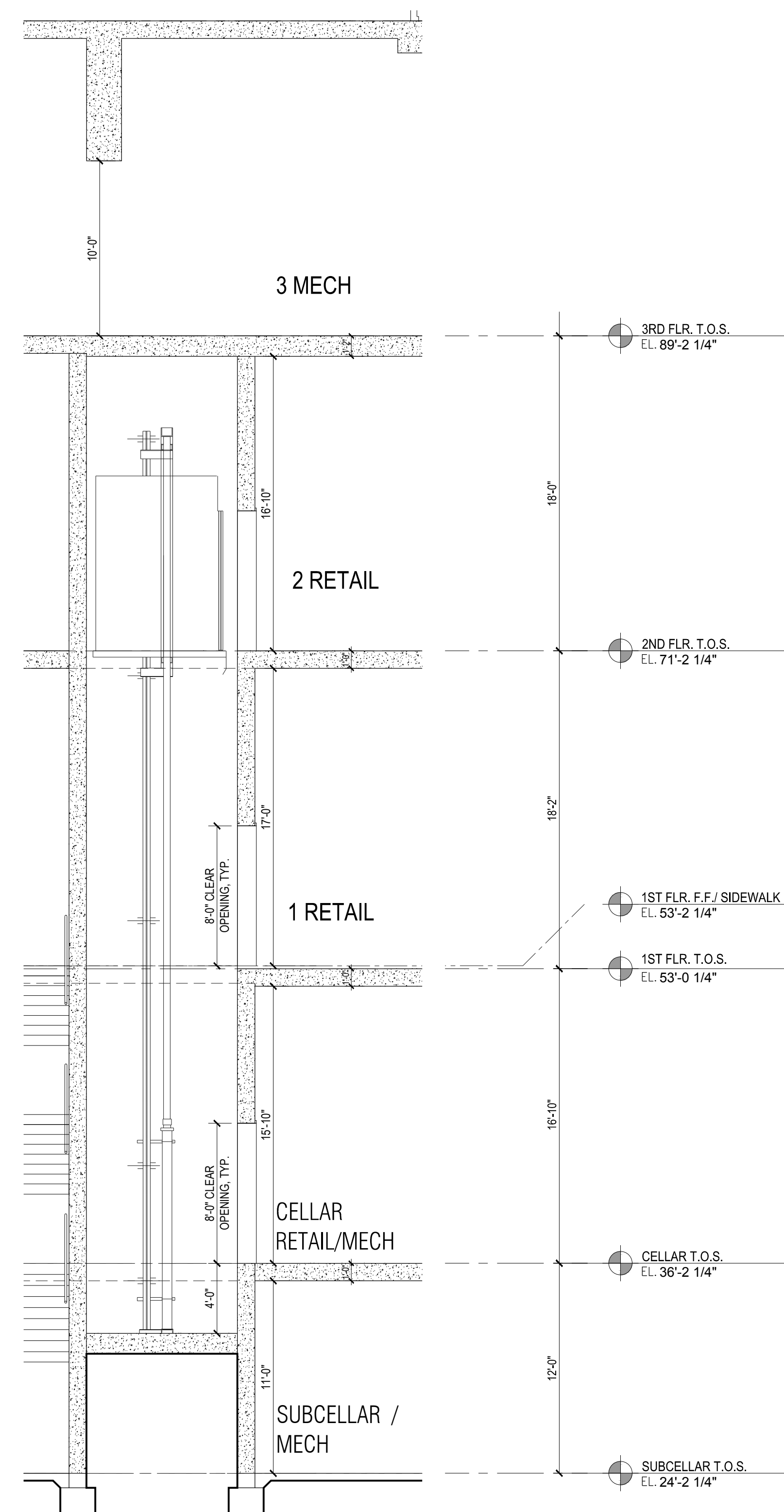
13 CORE B - COMMERCIAL 2ND FLOOR  
SCALE: 3/16"=1'-0"



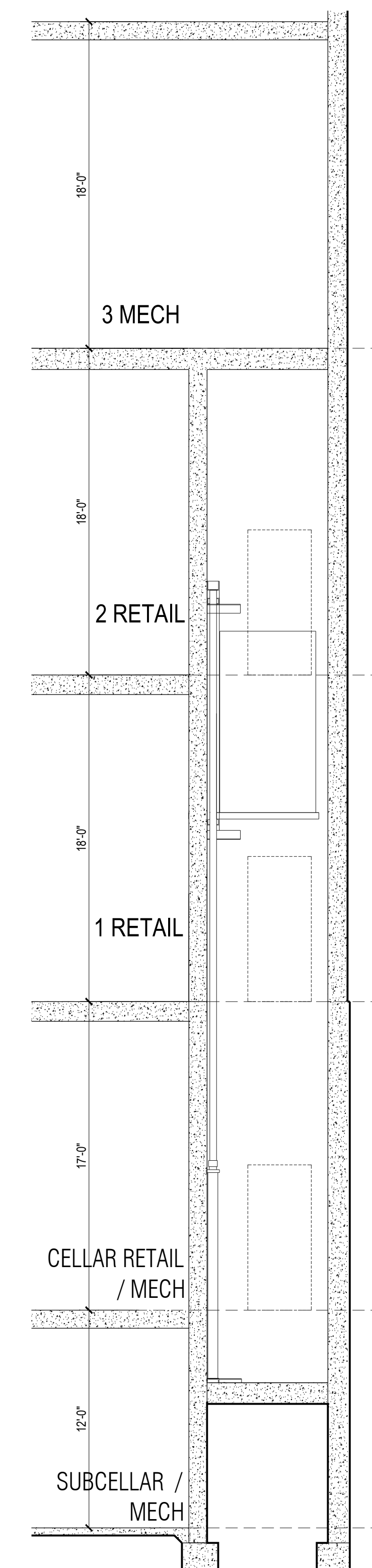
12 CORE B - COMMERCIAL 1ST FLOOR  
SCALE: 3/16"=1'-0"



11 CORE B - COMMERCIAL ELEVATOR AND EMR ROOM AT CELLAR  
SCALE: 3/16"=1'-0"



9 CORE B - COMM. ELEVATOR NORTH-SOUTH SECTION  
SCALE: 3/16"=1'-0"



10 CORE B - COMM. ELEVATOR WEST-EAST SECTION  
SCALE: 3/16"=1'-0"



KEY PLAN

NOTES:

16	10/06/2017	ADDENDUM 2
15	08/15/2017	ADDENDUM 1
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION/FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	100% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:  
Project: 7 WEST 57TH STREET NEW YORK, NY 10019

Client: SOLO9W57  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: HILL | WEST ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer: Whitehall INTERIORS  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer: WSP | PARSONS BRINCKERHOFF  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

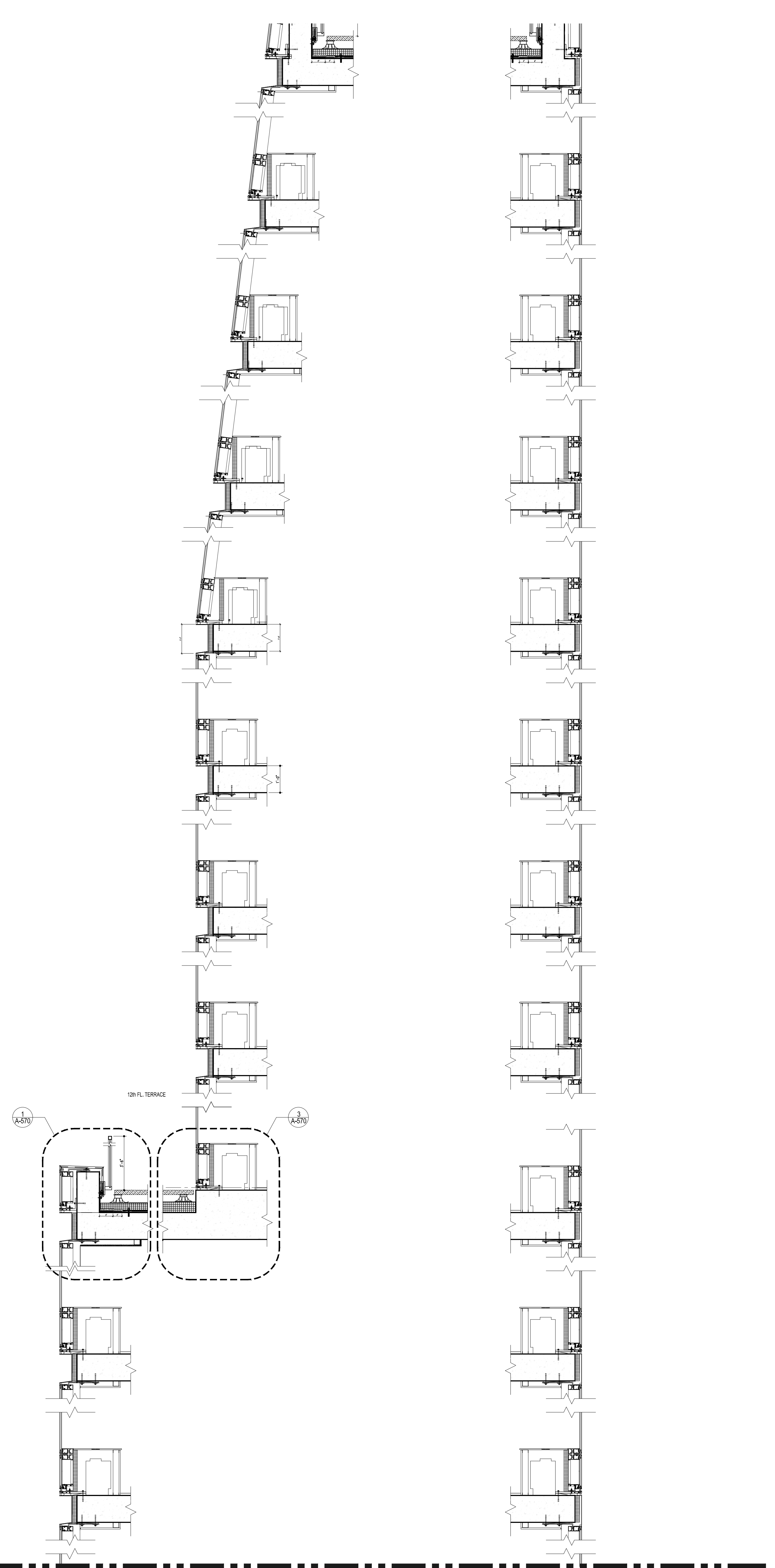
MEP/FE Engineer: COSENTINI ASSOCIATES  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant: VIDARIS  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

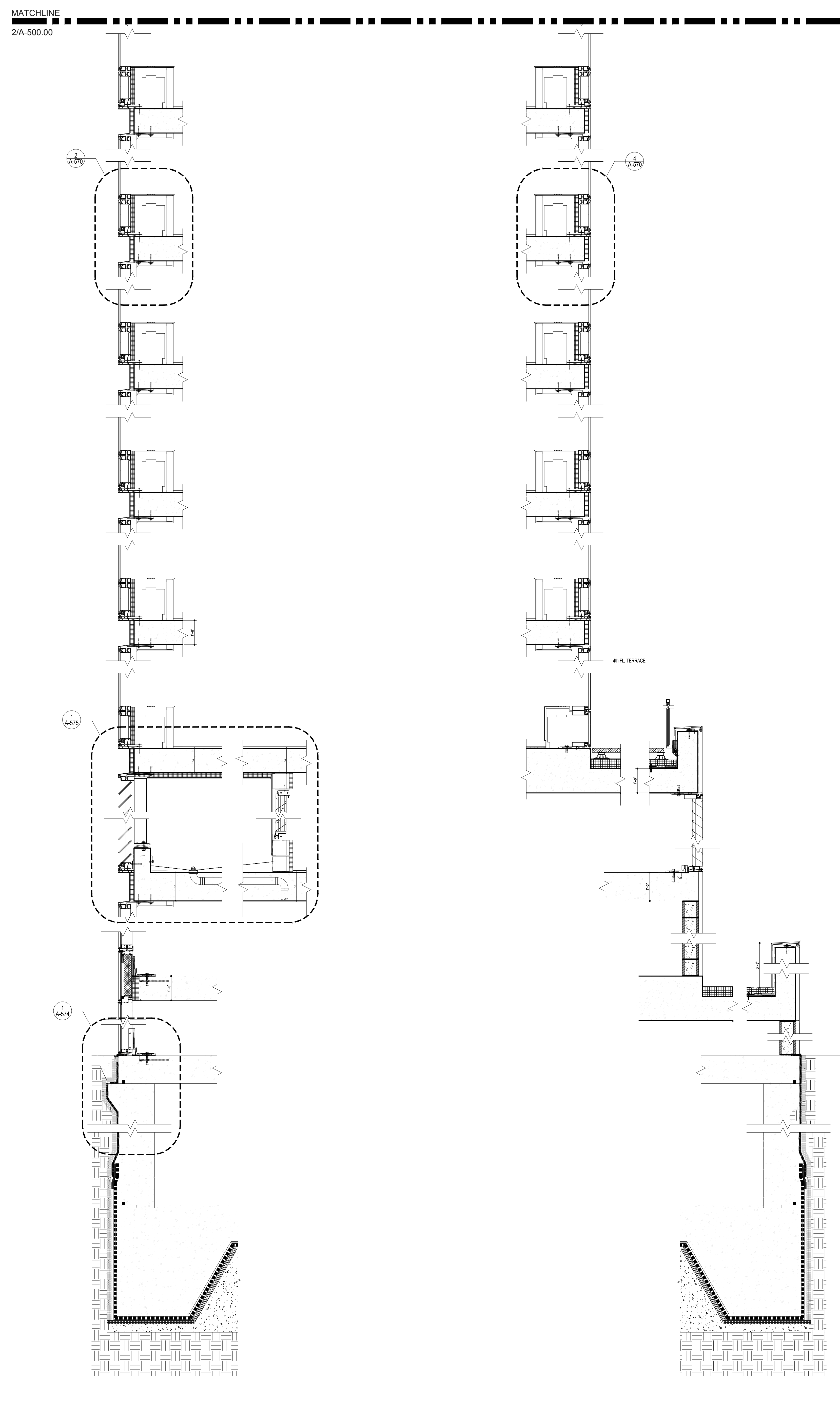
DOB STAMPS & SIGNATURES:

DWG TITLE: ELEVATOR PLANS & SECTIONS

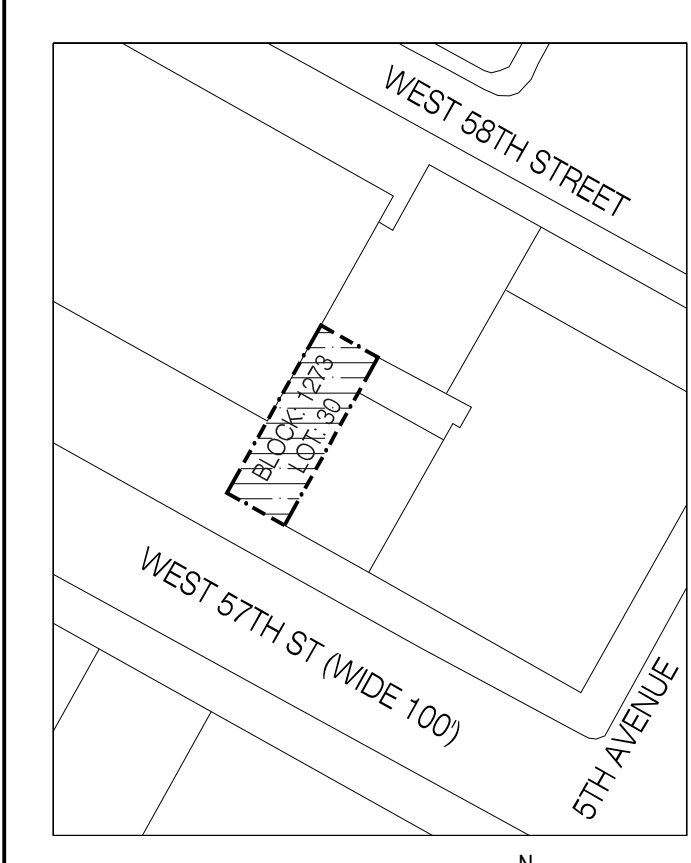
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PROJECT #: 16A10 SCALE: 3/16"=1'-0"  
A-440.00 DWG NO.  
NB#121191441



MATCHLINE  
1/A-500.00



MATCHLINE  
2/A-500.00



KEY PLAN

NOTES:

14	06/08/2017	DOB SUBMISSION
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11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
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06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: 7  
Date: 05/26/2017  
Revision: 16A10

Client:  
**SOLOW57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/PFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

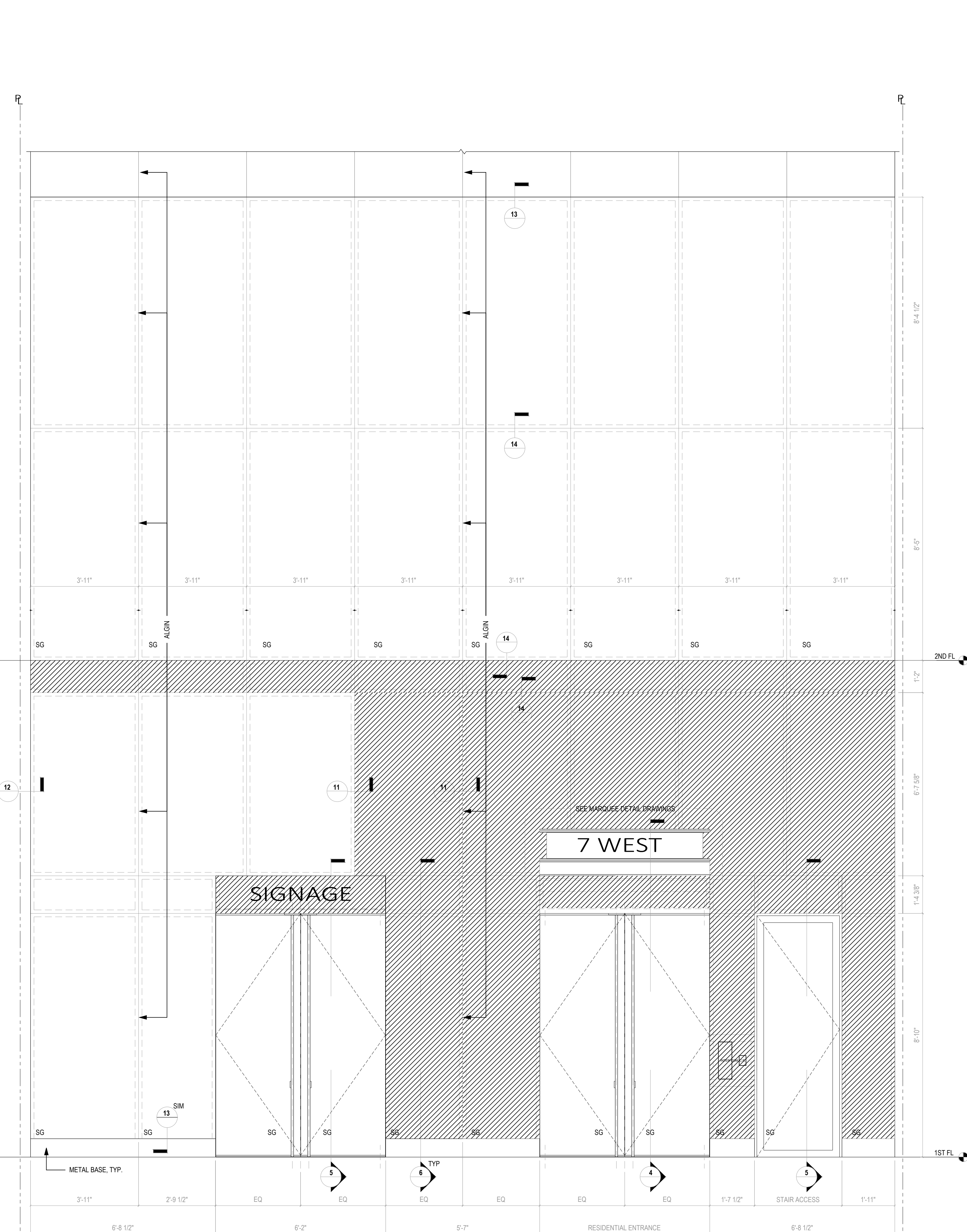
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

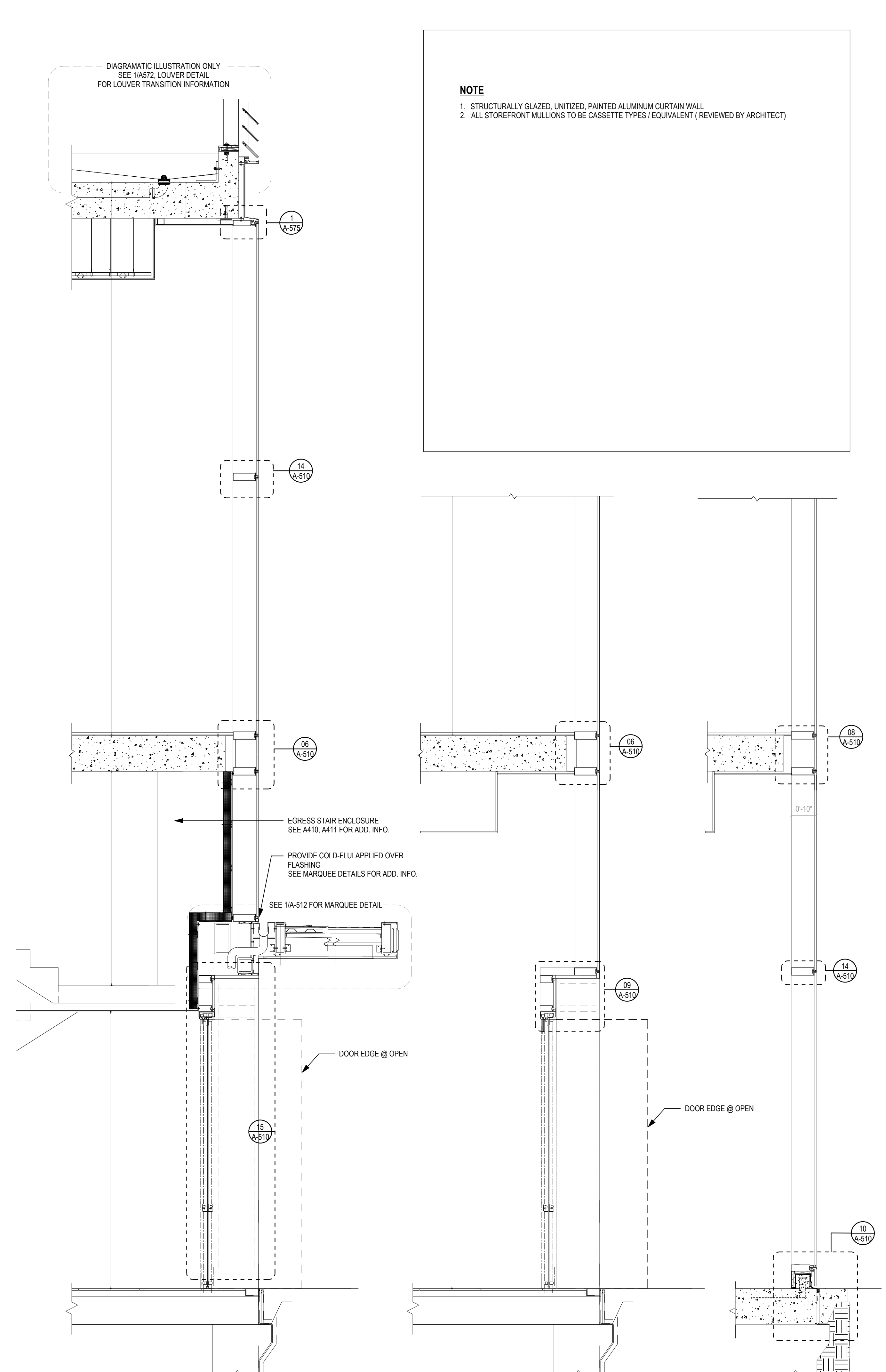
DWG TITLE:  
**NORTH & SOUTH WALL SECTIONS**

SEAL & SIGNATURE:  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: 1/4" = 1'-0"  
**A-500.00**  
DWG NO.

NB#12191441



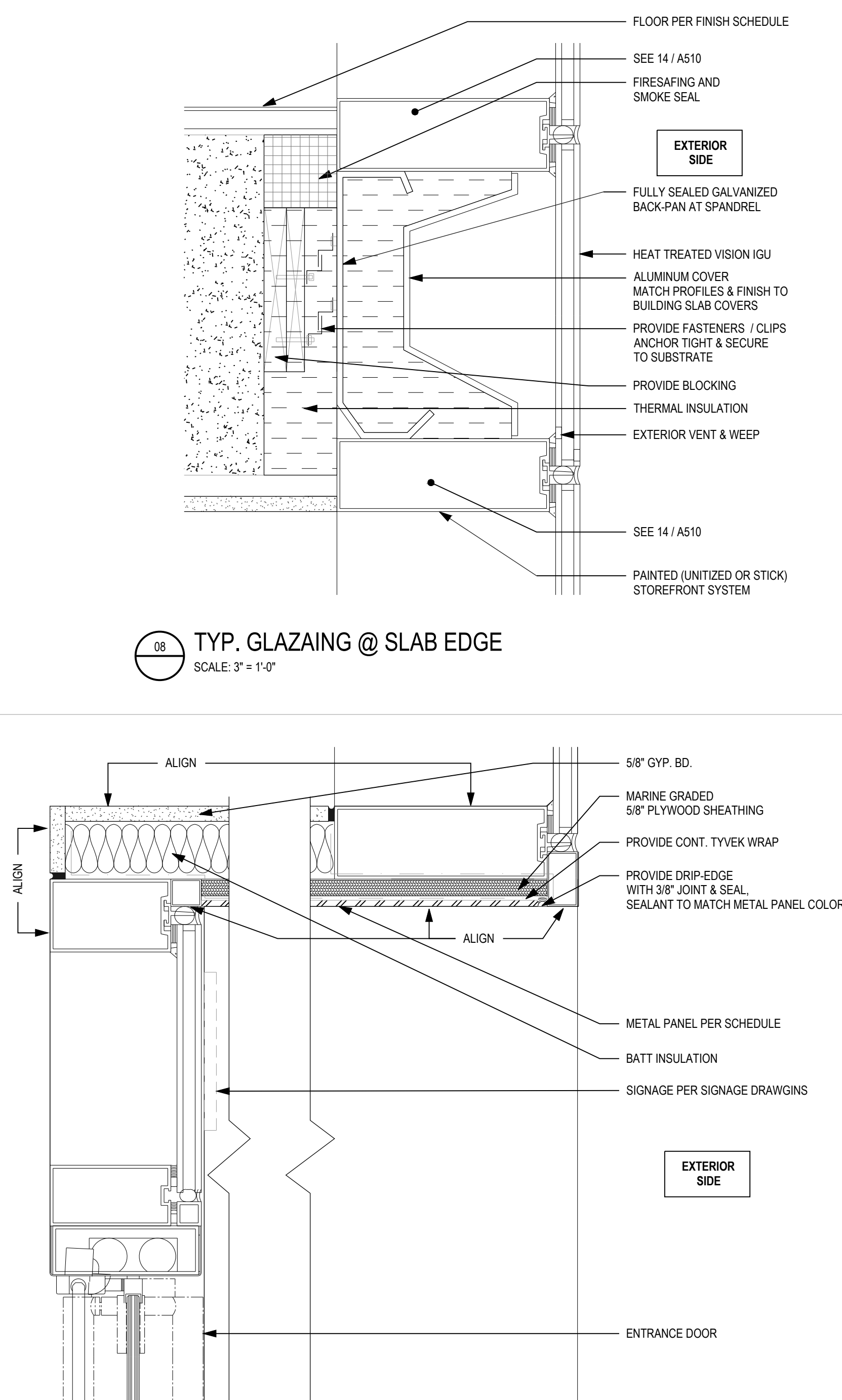
01 ENLARGED STOREFRONT ELEVATIONS  
SCALE: 1/2" = 1'-0"



02 TYP. RECESSED GLAZING @ MARQUEE  
SCALE: 1/2" = 1'-0"

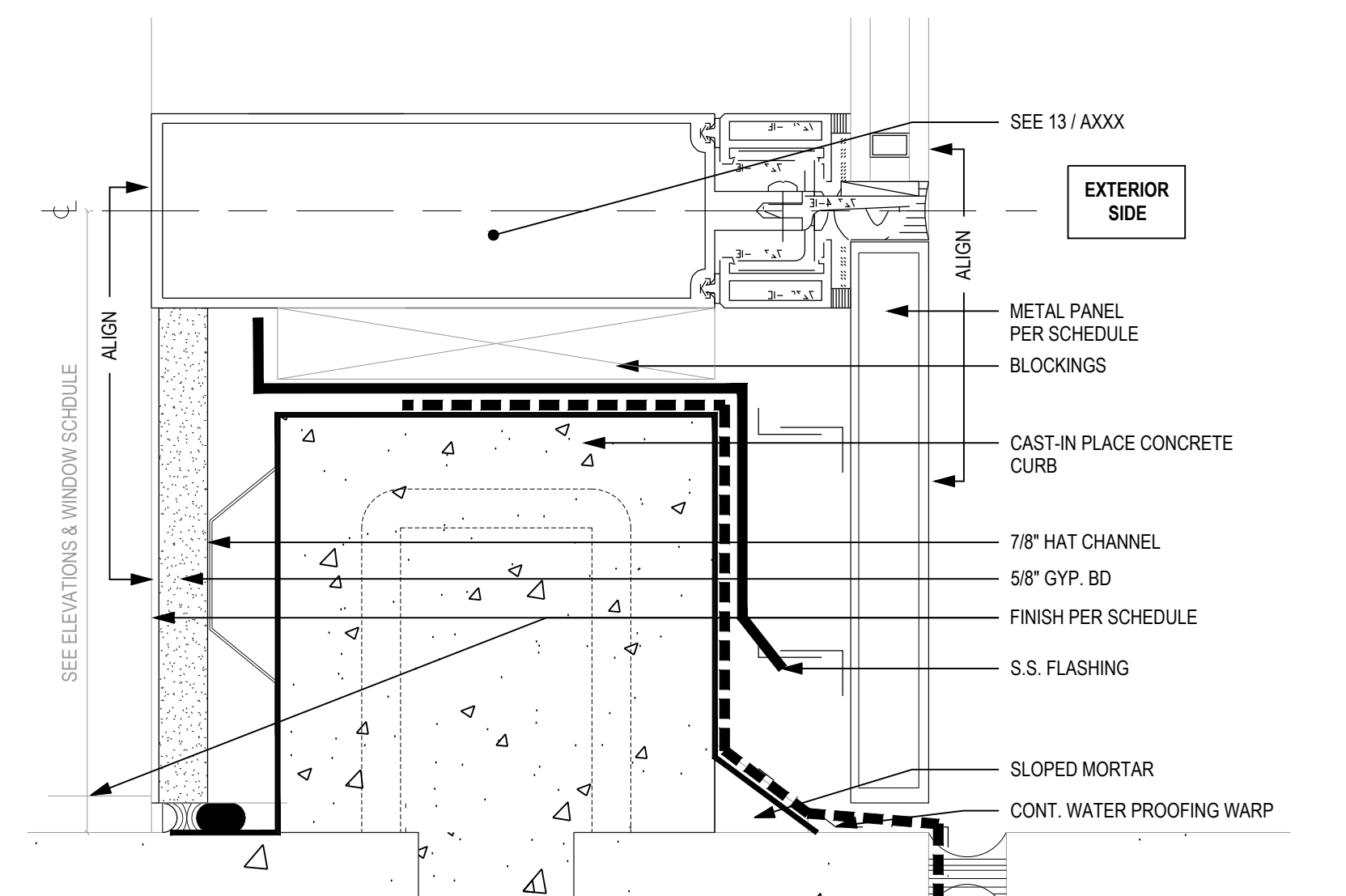
03 TYP. RECESSED GLAZING  
SCALE: 1/2" = 1'-0"

04 TYP. GLAZING  
SCALE: 1/2" = 1'-0"

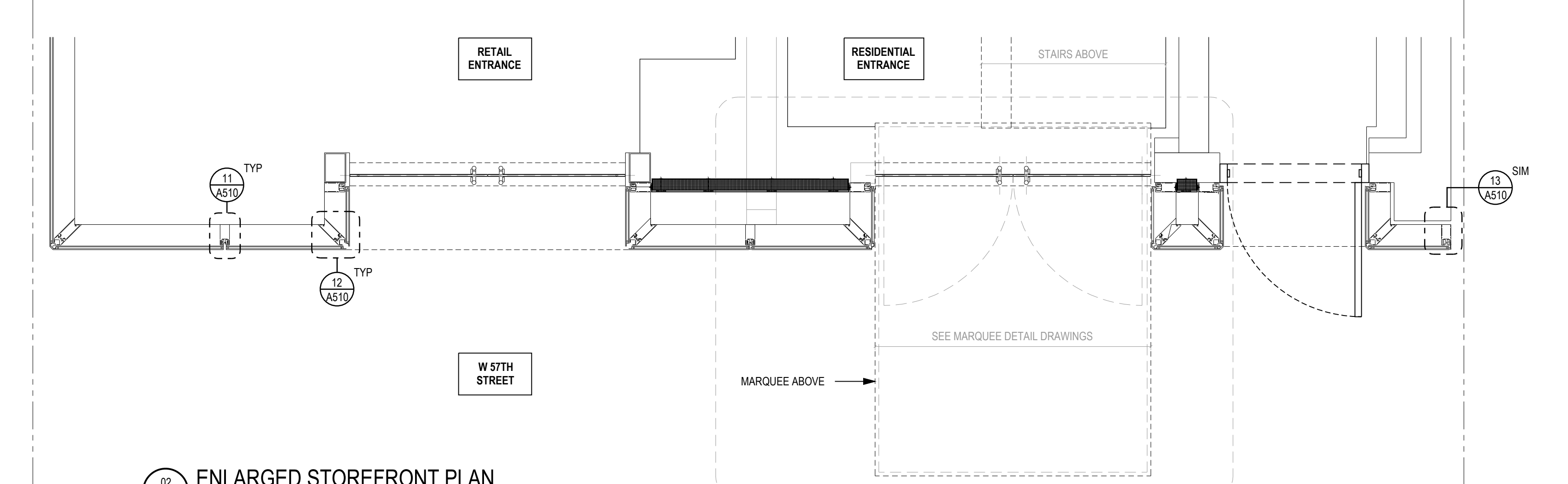


05 TYP. GLAZING @ SLAB EDGE  
SCALE: 3/4" = 1'-0"

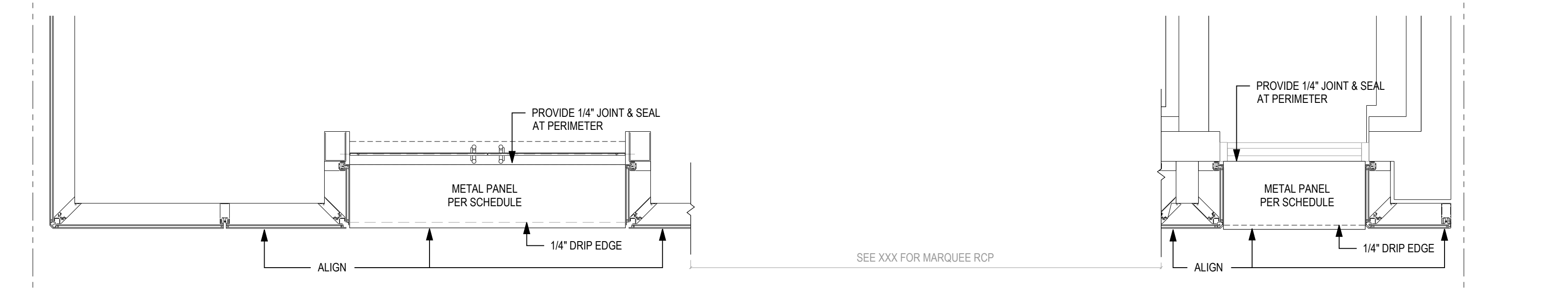
06 TYPICAL RECESSED FRAME DETAIL  
SCALE: 3/4" = 1'-0"



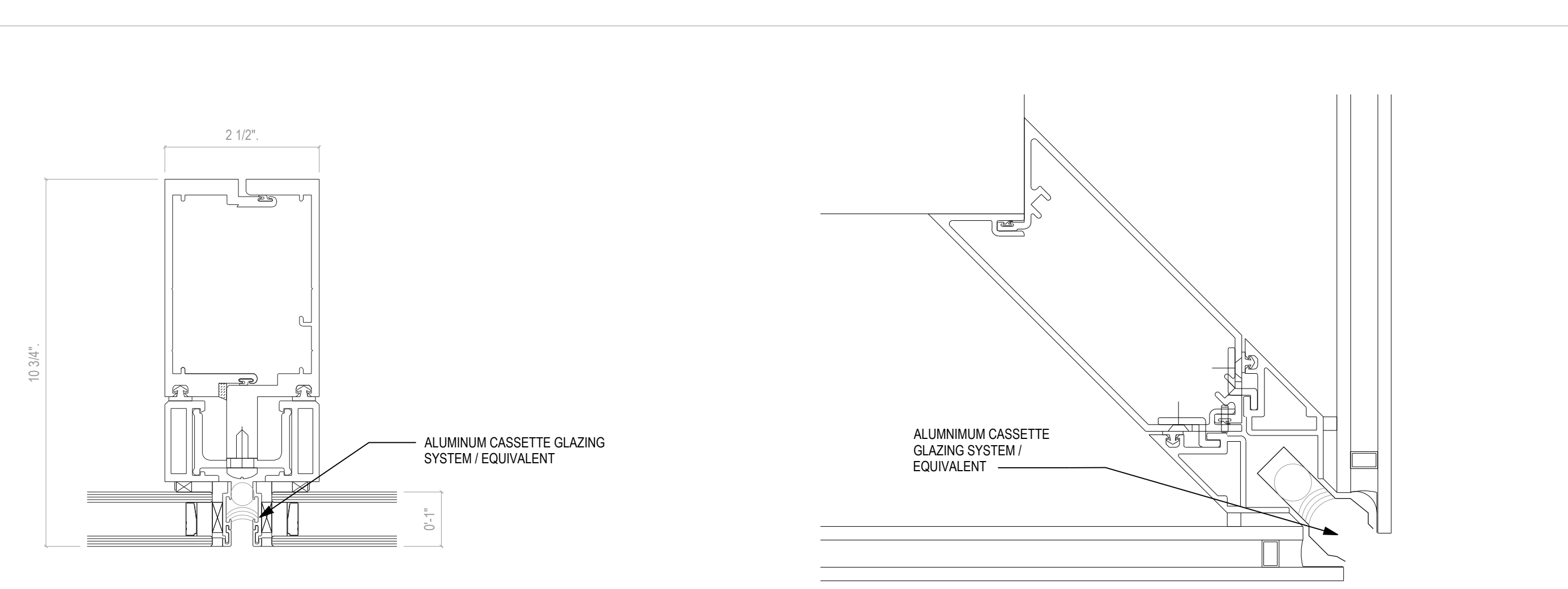
07 TYP. STOREFRONT METAL PANEL SILL  
SCALE: 1/2" = 1'-0"



08 ENLARGED STOREFRONT PLAN  
SCALE: 1/2" = 1'-0"

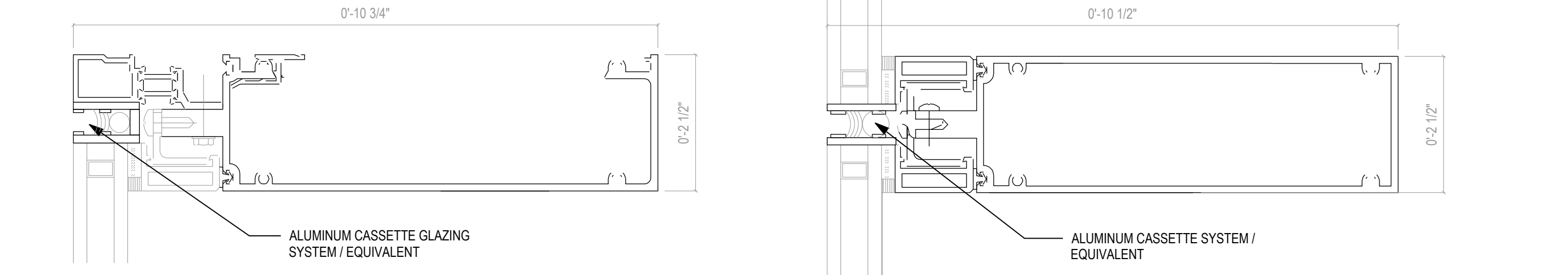


09 ENLARGED STOREFRONT RCP  
SCALE: 1/2" = 1'-0"



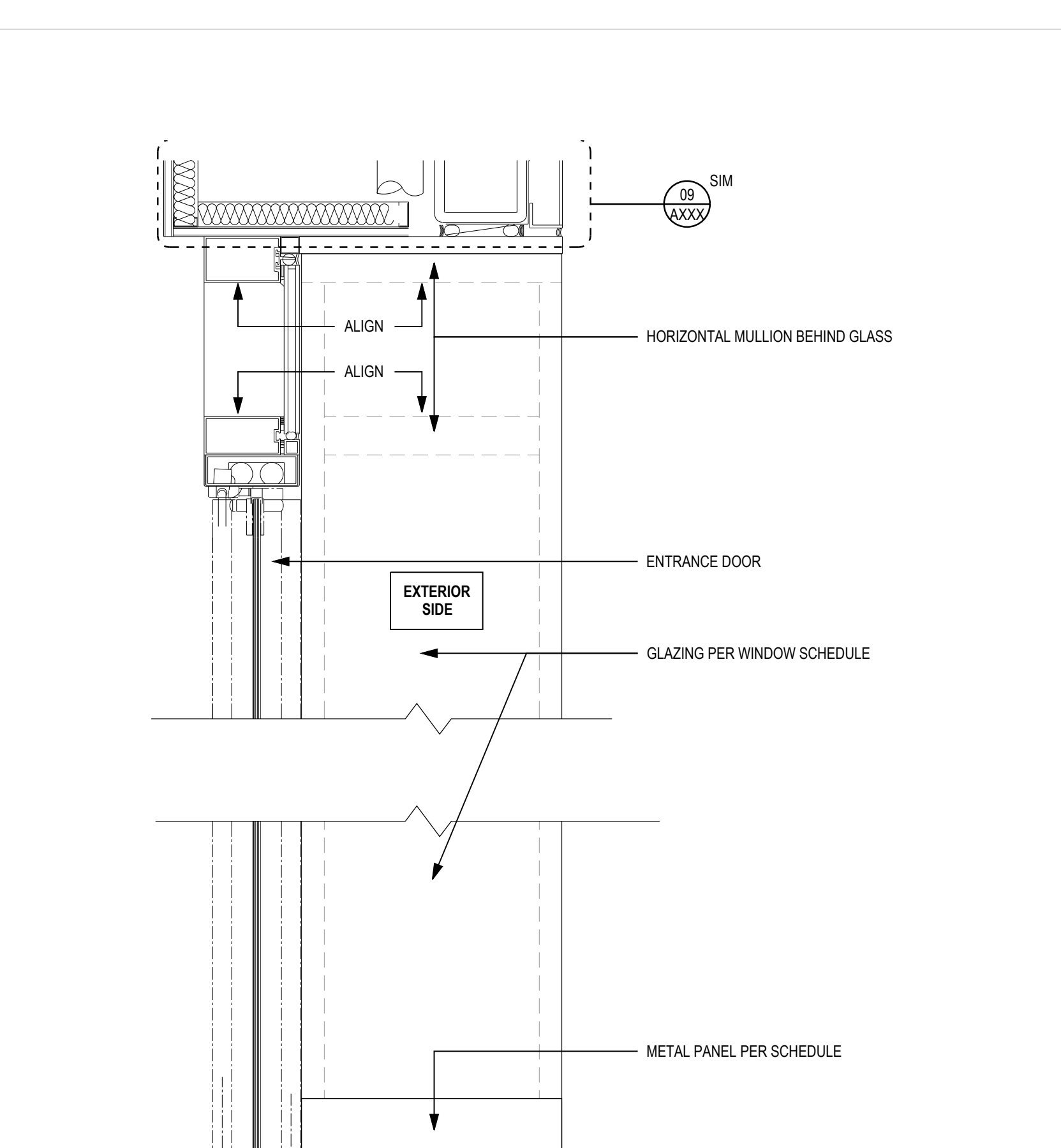
10 MAJOR MULLION  
SCALE: 6" = 1'-0"

11 SIDE MULLIONS  
SCALE: 6" = 1'-0"

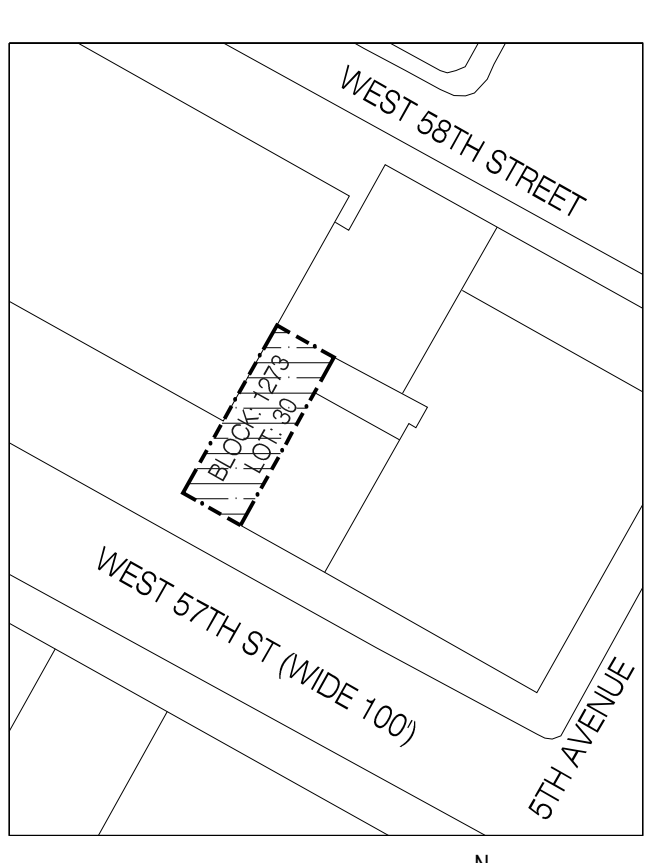


12 PARAMETER MULLION  
SCALE: 6" = 1'-0"

13 VISION / SPANDREL INTERMEDIATE MULLION  
SCALE: 6" = 1'-0"



14 RECESSED GLAZING EL. @ ENTRANCESIDE  
SCALE: 1/2" = 1'-0"



KEY PLAN

NOTES:

Number	Date	Revision
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11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
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05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
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02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:  
**7 WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLOW57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

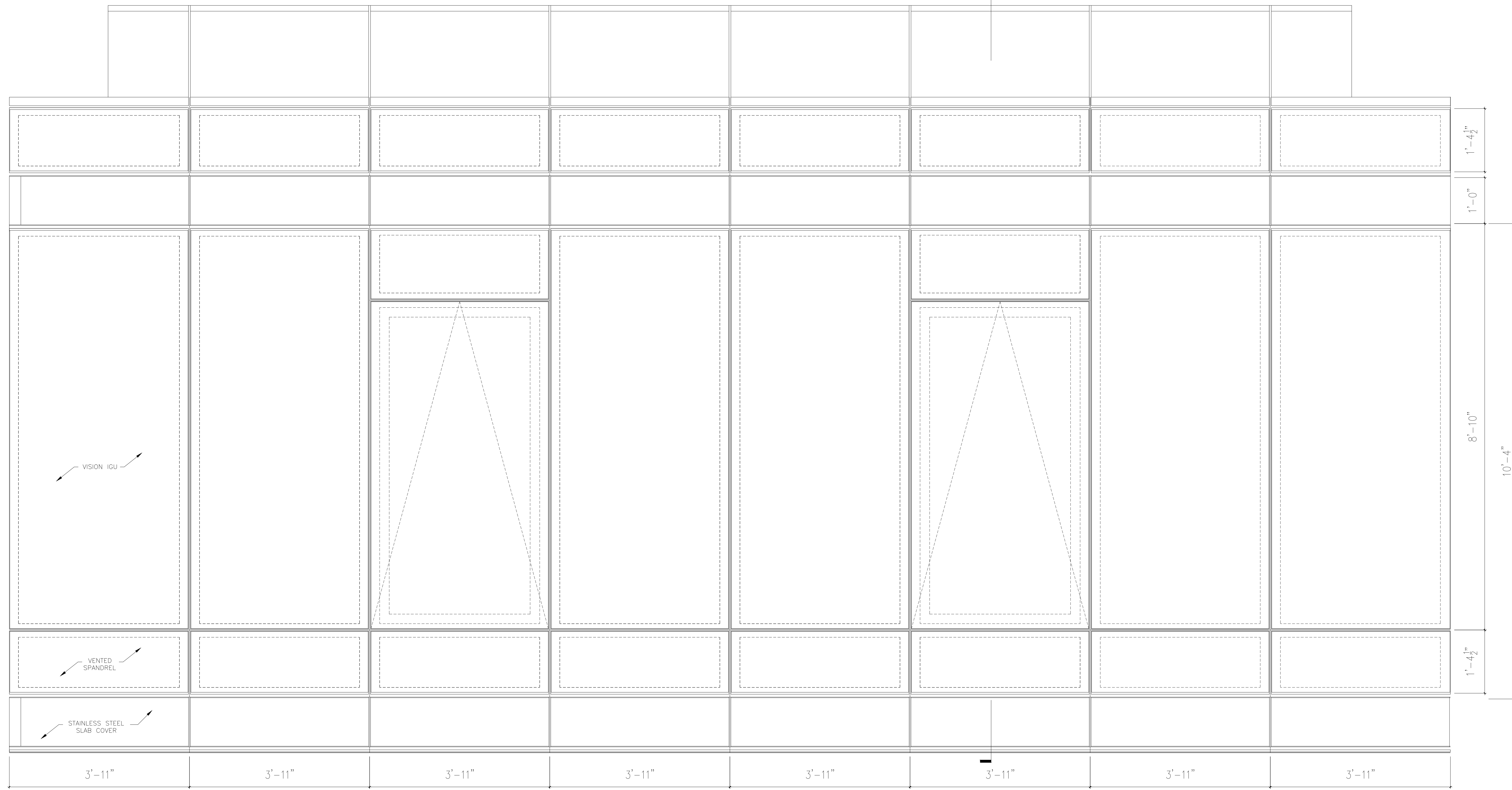
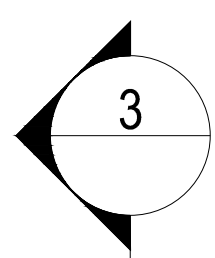
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
580 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

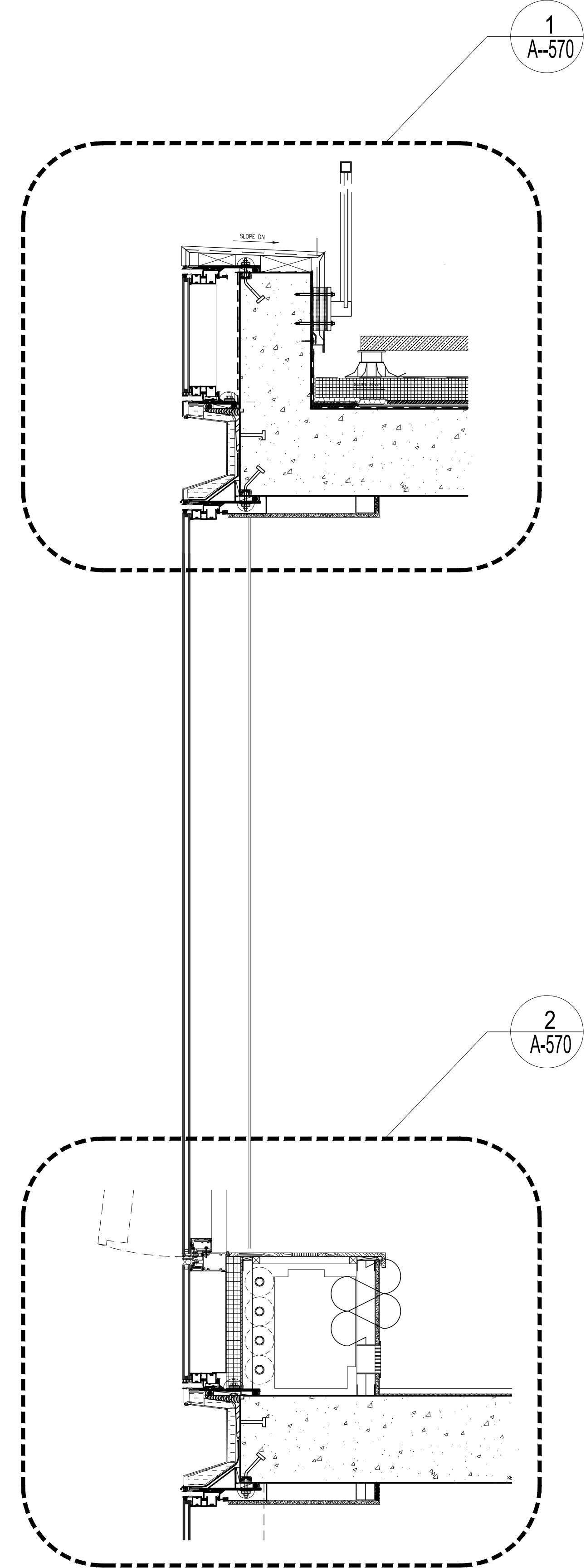
DOB STAMPS & SIGNATURES:

DWG TITLE:  
**STOREFRONT PLANS,  
SECTS. DETS. & PLANS**

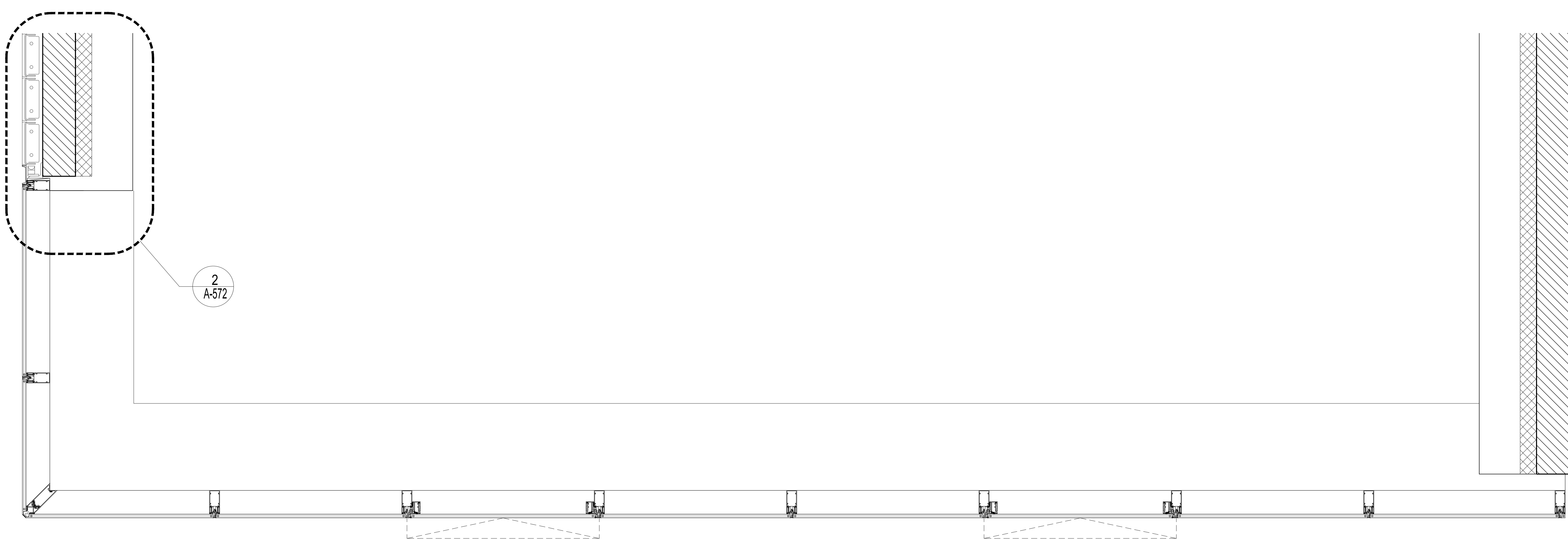
SEAL & SIGNATURE: [Signature] DATE: 05/26/2017  
PROJECT # 16A10 SCALE: AS SHOWN  
A-510.00 DWG NO.  
NB#12191441



**2** ENLARGED WINDOW ELEVATION  
SCALE: 1"=1'-0"



**3** WINDOW SECTION  
SCALE: 1"=1'-0"



**1** ENLARGED PLAN  
SCALE: 1"=1'-0"



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
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11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	50% CD SUBMISSION
07	04/16/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:  
Project:  
**7**  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**SOUTH WINDOW  
ELEV., SECT., & PLAN**

SEAL & SIGNATURE: 	DATE: 05/26/2017
PROJECT # 16A10	SCALE: AS SHOWN
<b>A-511.00</b>	DWG NO.





**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
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08	04/19/2017	80% CD SUBMISSION
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05	03/17/2017	80% CD SUBMISSION
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Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project:  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLOW57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007


Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

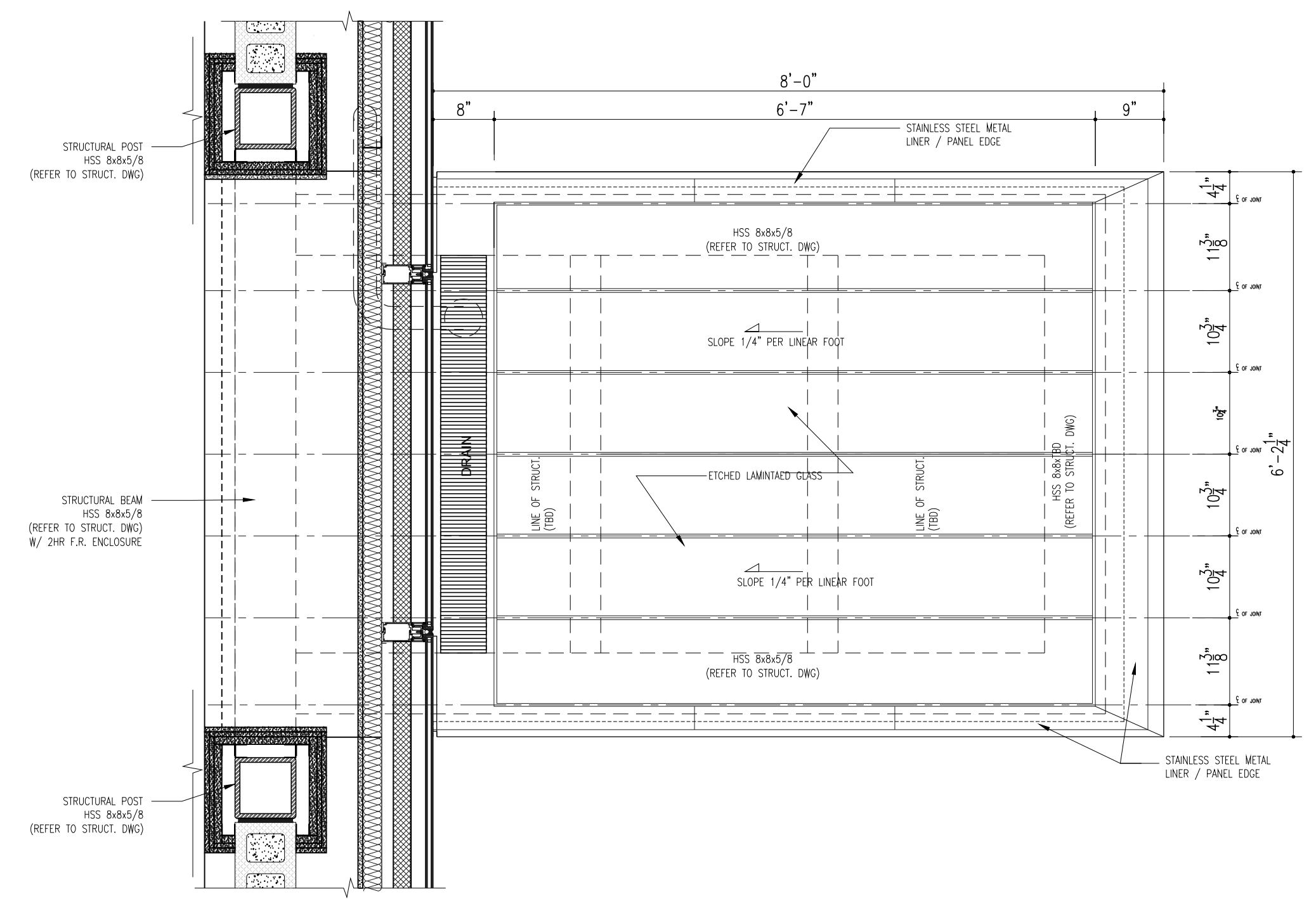
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 580 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK, NY 10010  
 212-689-5389

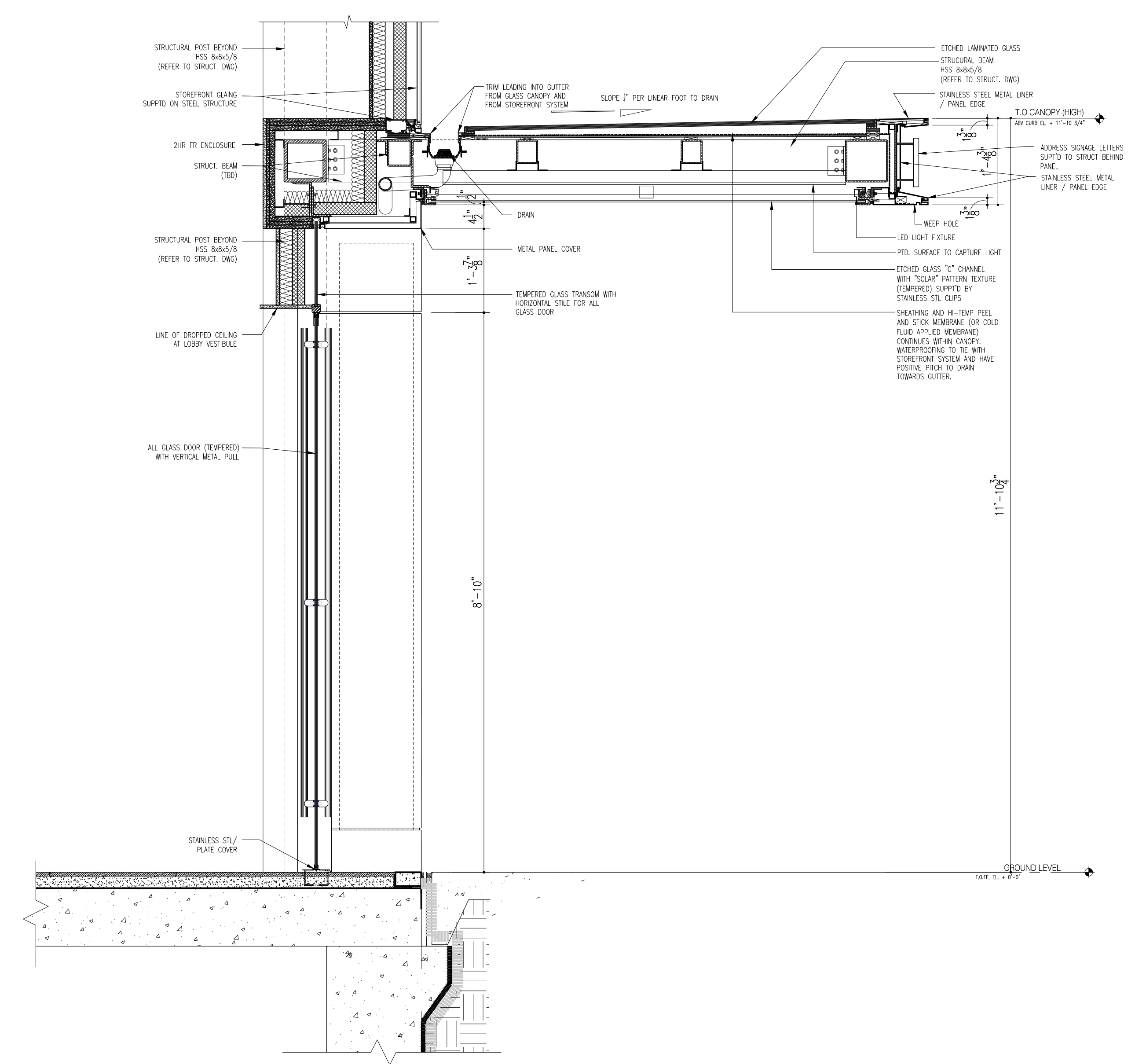
DOB STAMPS & SIGNATURES:

DWG TITLE:  
**MARQUEE PLAN, RCP, & SECTION DETAIL**

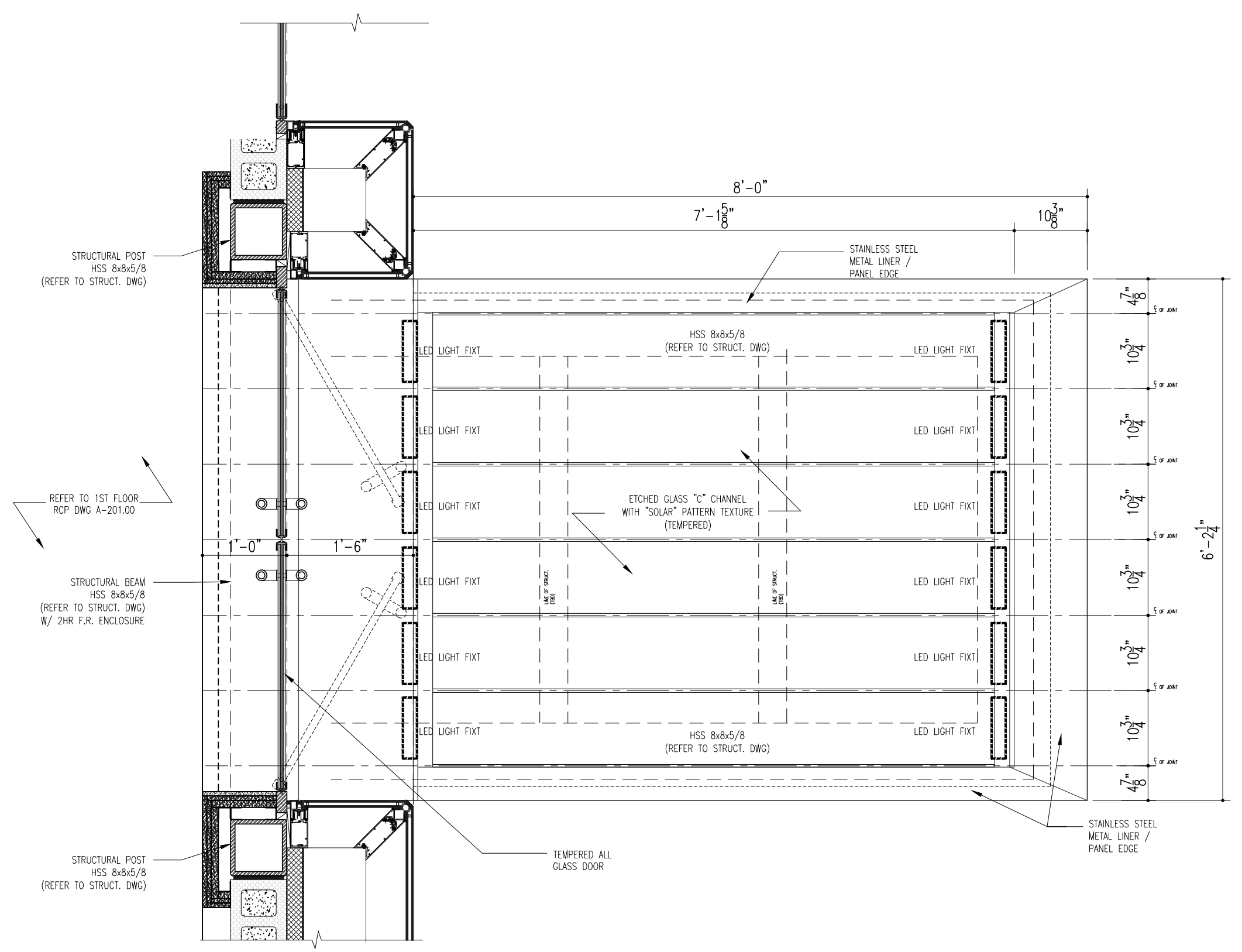
SEAL & SIGNATURE:  
  
 DATE: 05/26/2017  
 PROJECT #: 16A10  
 SCALE: AS SHOWN  
**A-512.00**  
 DWG. NO.  
 NB#121191441



**2** PARTIAL PLAN @ MARQUEE  
 SCALE: 3/4"=1'-0"



**1** PARTIAL SECTION @ MARQUEE  
 SCALE: 3/4"=1'-0"



**3** PARTIAL RCP @ MARQUEE  
 SCALE: 3/4"=1'-0"



**KEY PLAN**

**NOTES:**

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11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	80% CD SUBMISSION
07	04/16/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number:	Date:	Revision:
Project:		
7 WEST 57TH STREET NEW YORK, NY 10019		
Client:		
SOLO9W57 SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019		
Architect:		
HILL   WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212.213.8007		
Interior Designer:		
Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007		
Structural Engineer:		
WSP   PARSONS BRINCKERHOFF ONE PEN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888		
MEP/FP Engineer:		
COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600		
Building Envelope Consultant:		
VIDARIS 380 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389		

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

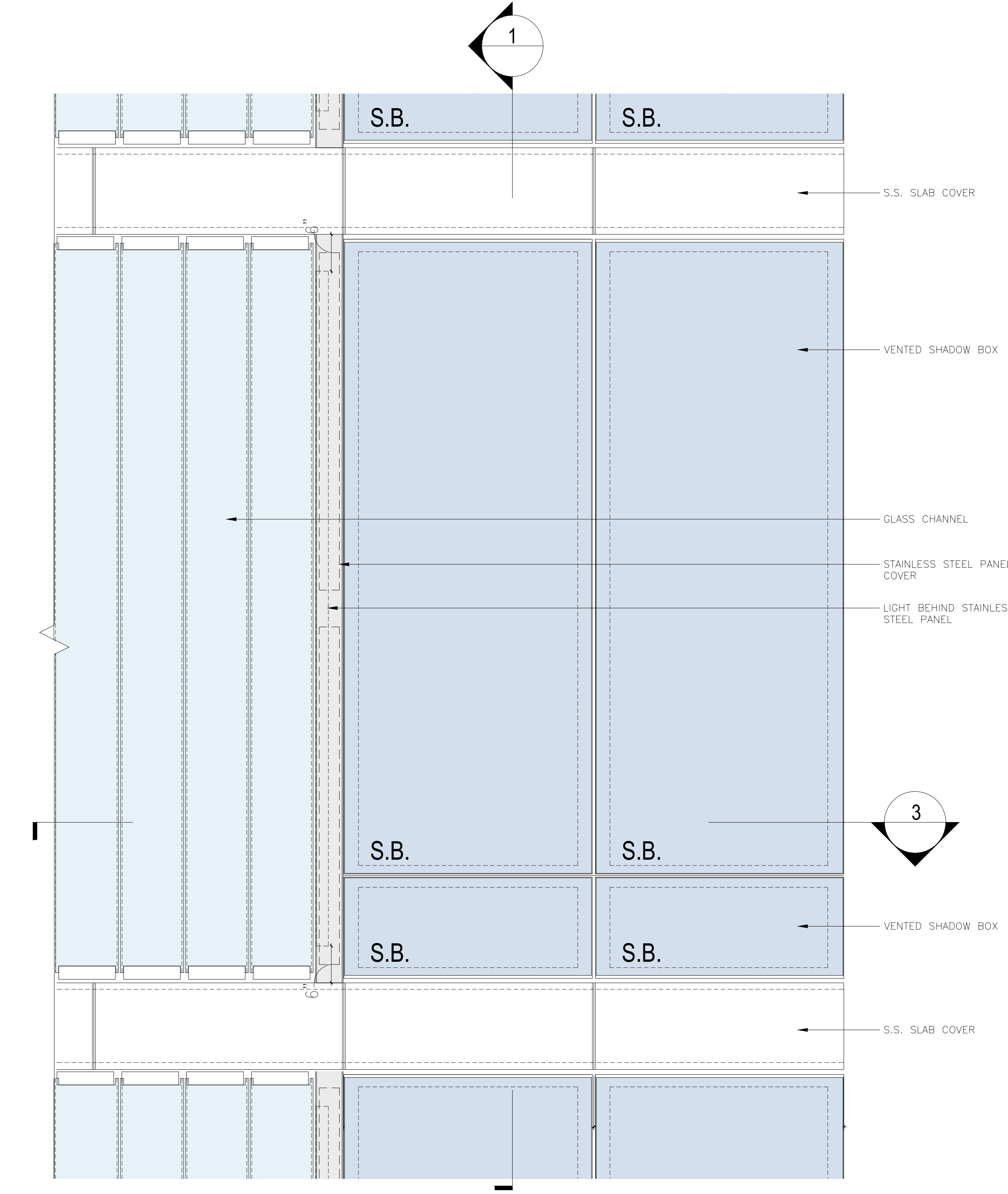
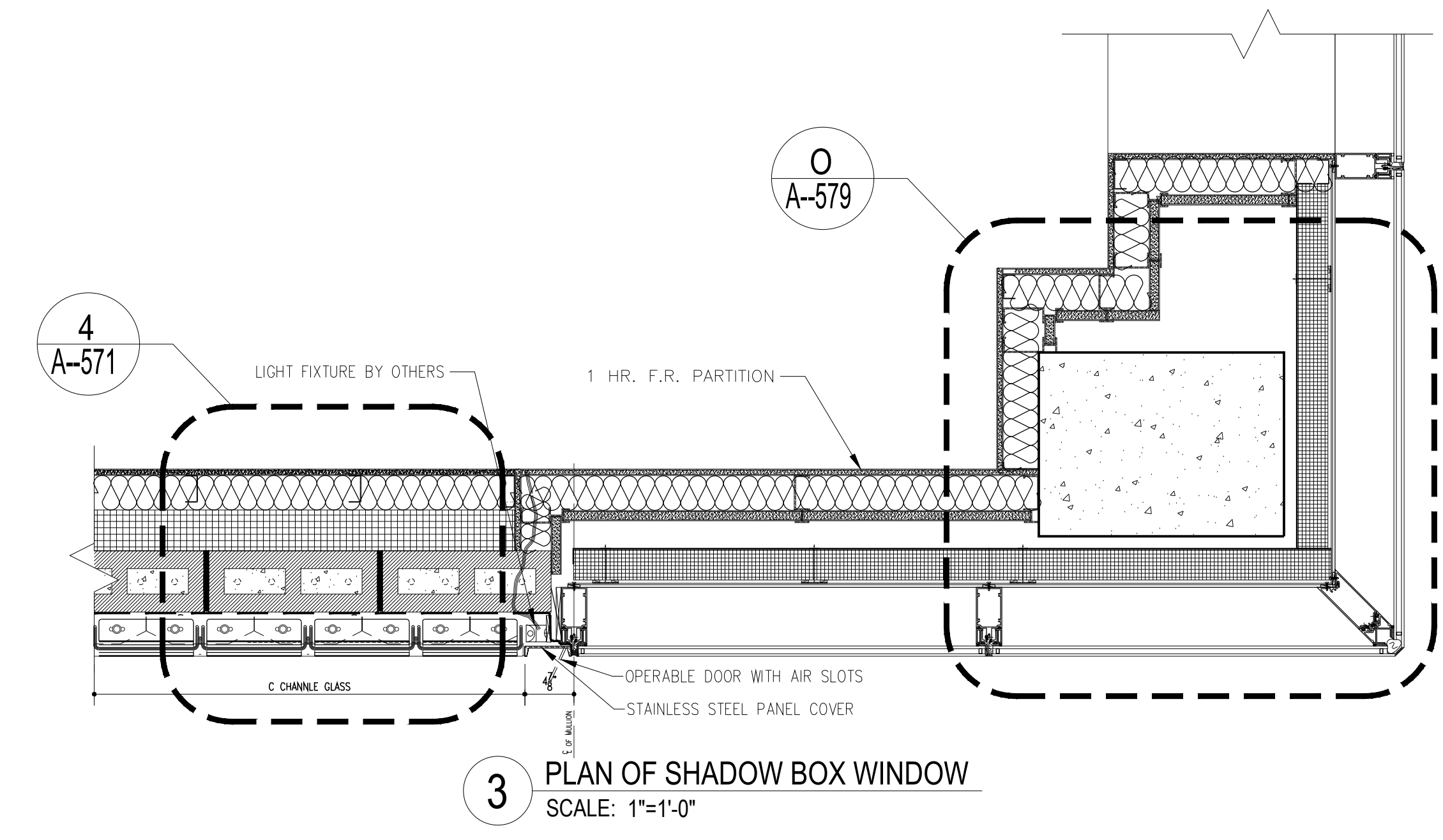
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

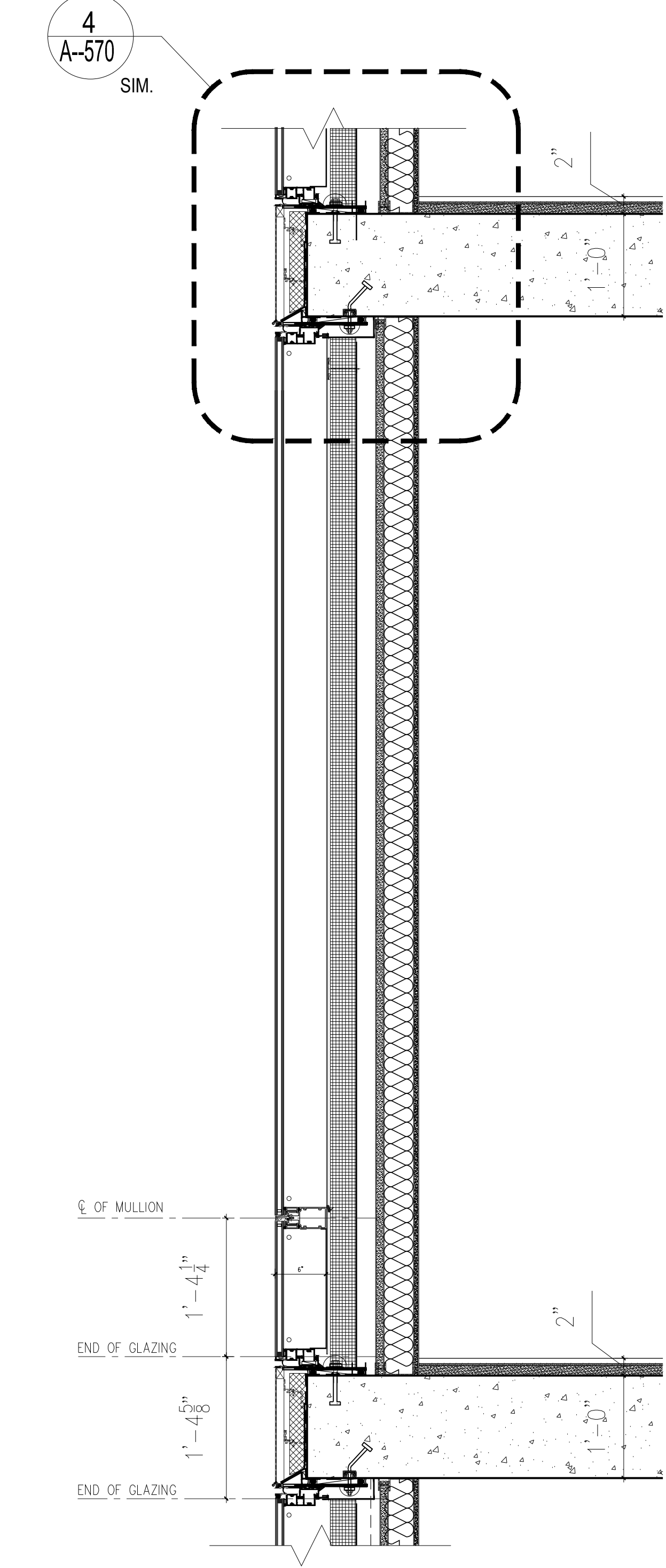
DWG TITLE:  
**SHADOW BOX PLAN,  
ELEV. & SECTION DETAIL**

SEAL & SIGNATURE:	DATE: 05/26/ 2017
PROJECT # 16A10	SCALE AS SHOWN
<b>A-513.00</b>	DWG NO

NB#121191441



**2 ENLARGED ELEVATION OF SHADOW BOX WINDOW**  
SCALE: 1"=1'-0"



**1 SECTION AT SHADOW BOX WINDOW**  
SCALE: 1"=1'-0"



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	80% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project:  
**7**  
 WEST 57TH STREET  
 NEW YORK, NY 10019

Client:  
**SOLO9W57**  
 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

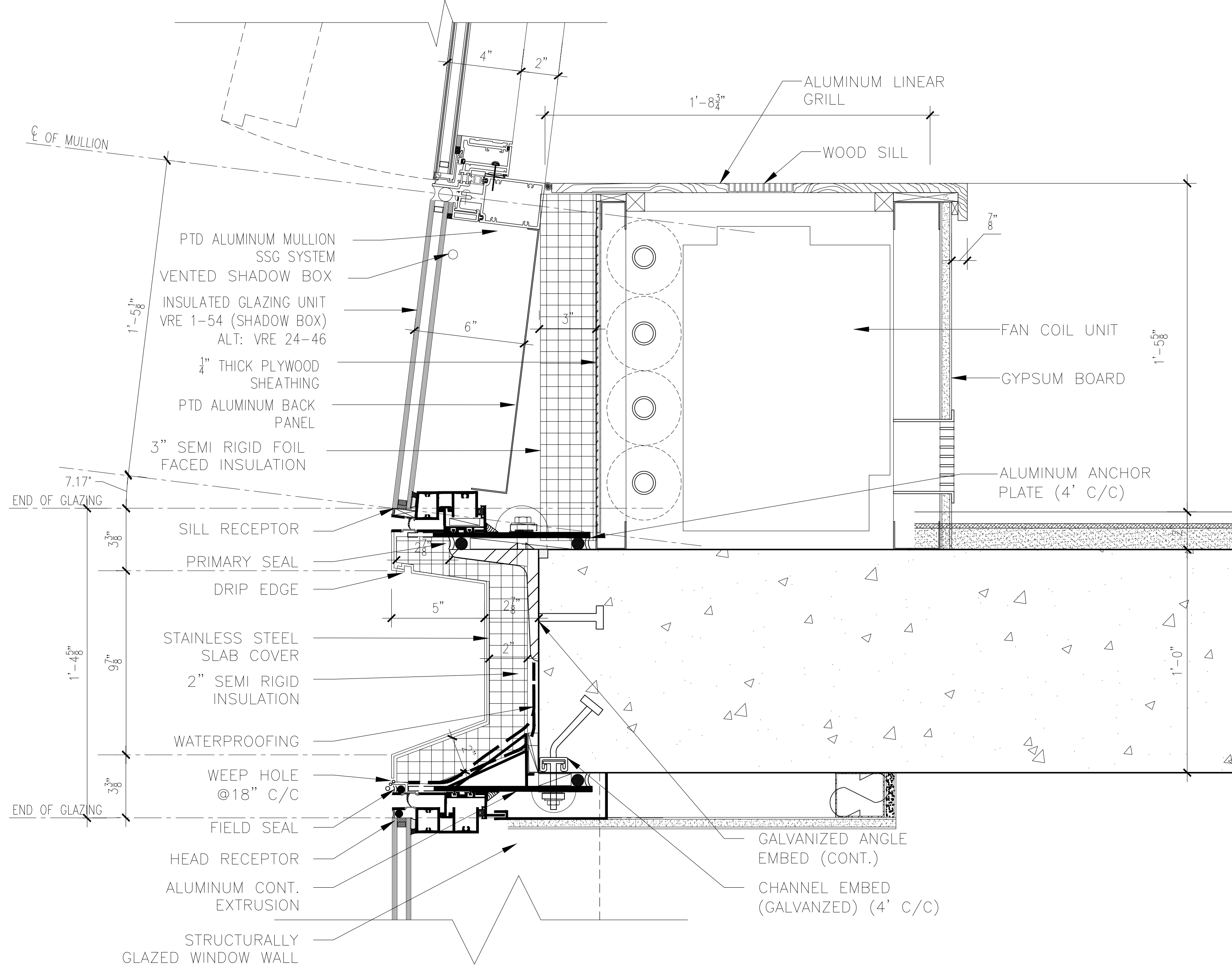
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 300 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

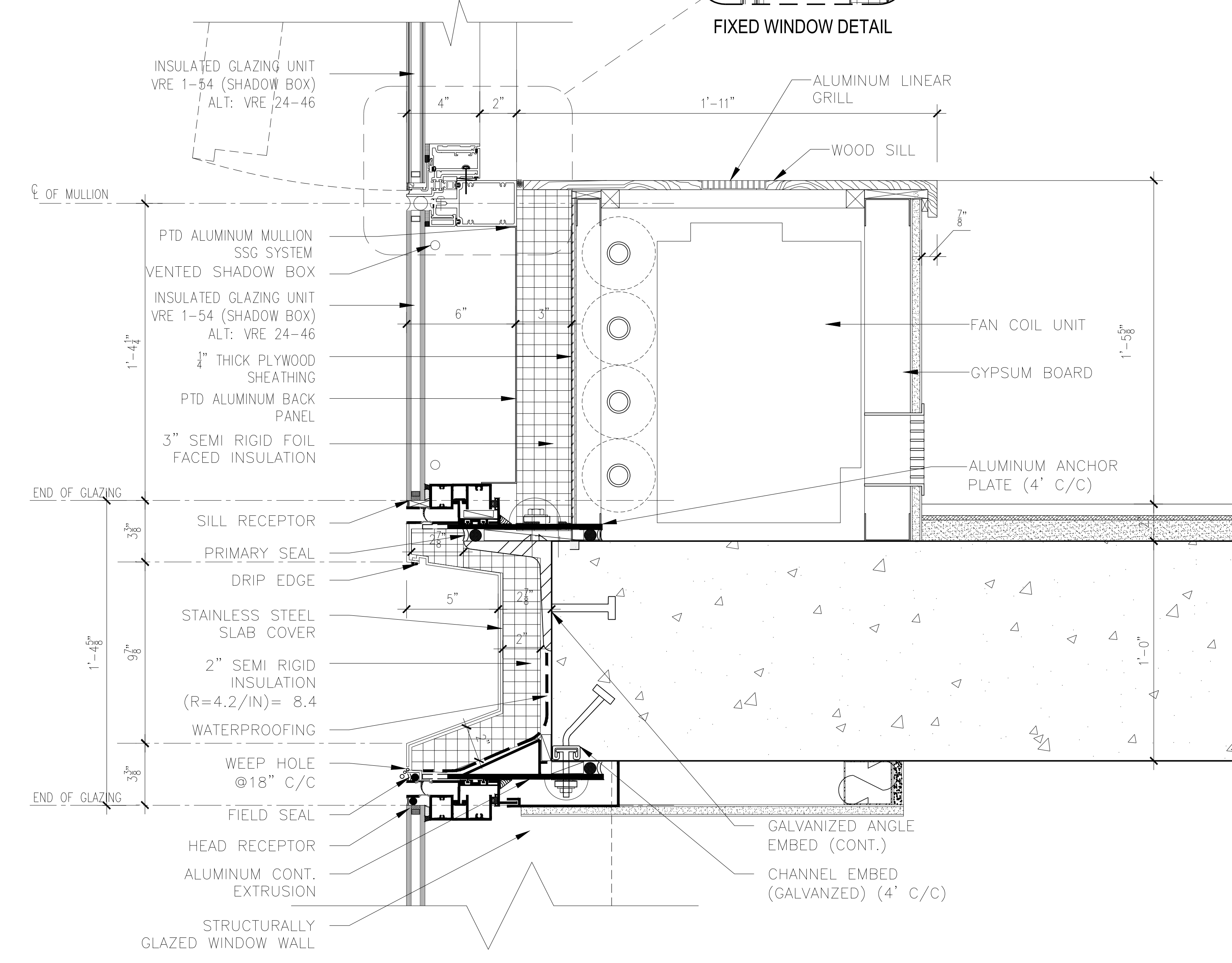
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DWG TITLE:  
**WINDOW & SLAB COVER DETAIL SECTIONS**

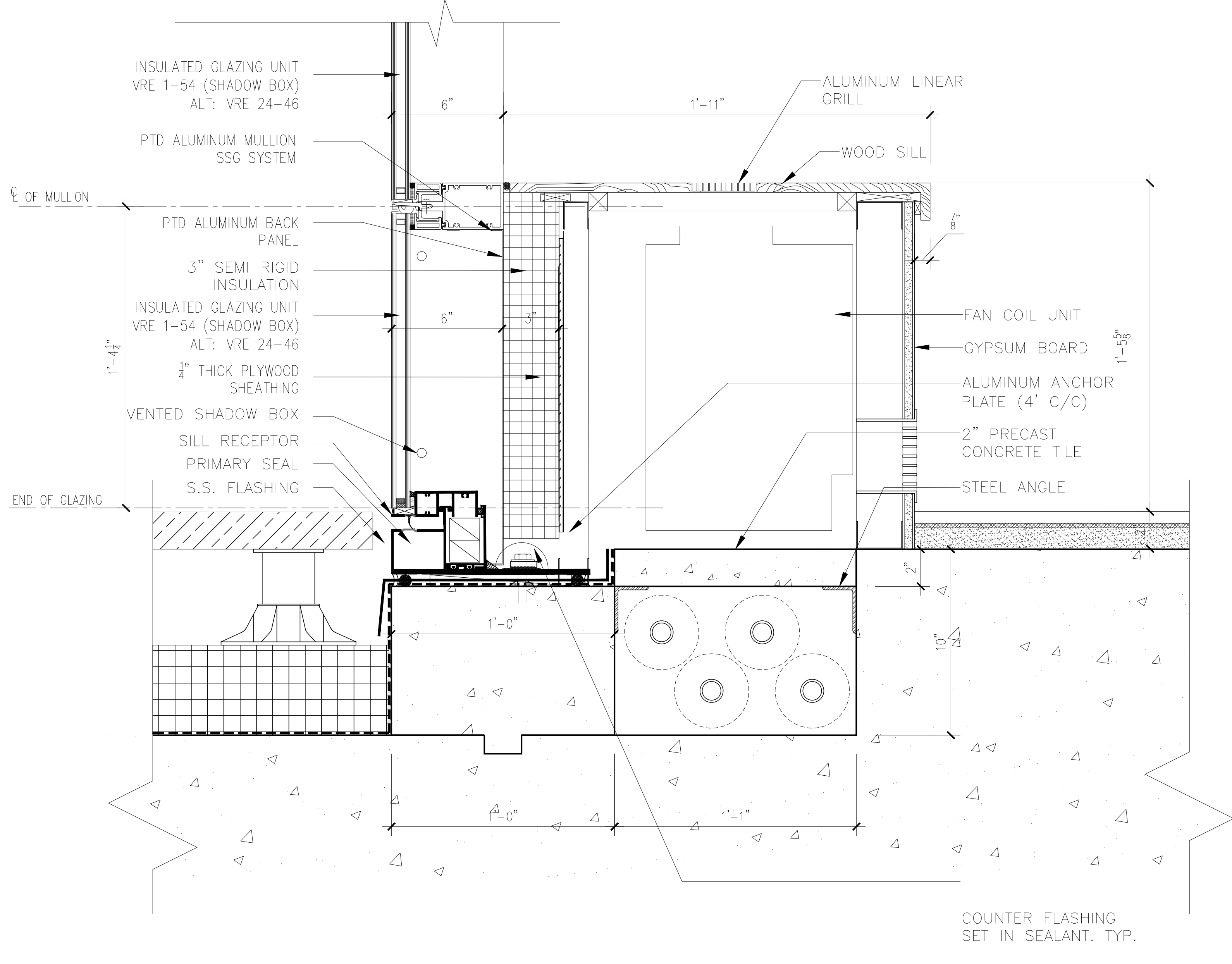
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 DATE: 05/26/2017  
 PROJECT #: 16A10  
 SCALE: 3" = 1'-0"  
**A-570.00**  
 DWG NO.  
 NB#121191441



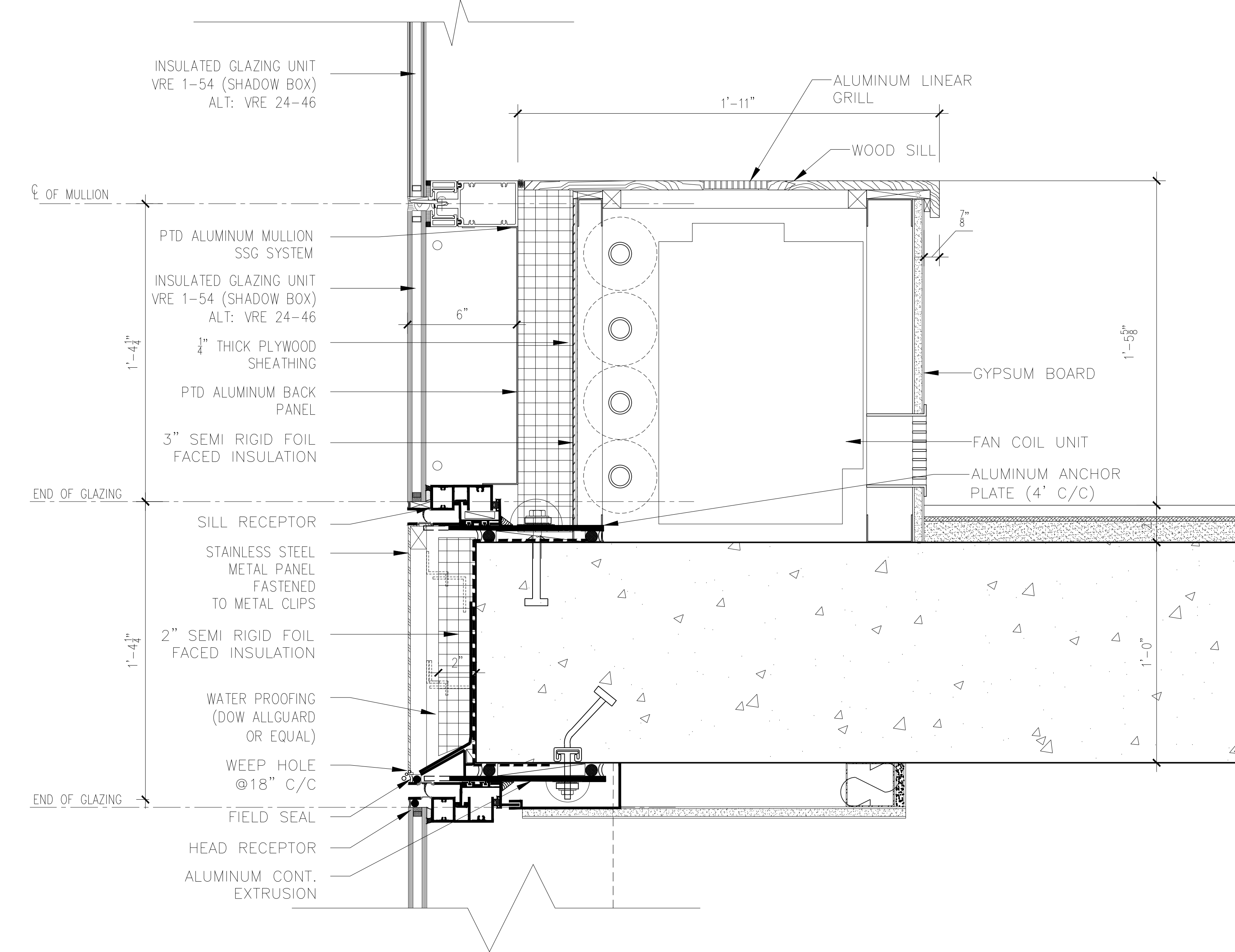
**1 WINDOW SILL & SLAB COVER SECTION DETAIL 17TH FLOOR**  
 SCALE: 3"=1'-0"



**2 WINDOW SILL & SLAB COVER SECTION DETAIL**  
 SCALE: 3"=1'-0"



**3 WALL SECTION DETAIL AT TERRACE**  
 SCALE: 3"=1'-0"



**4 SECTION DETAIL WINDOW SILL @ NORTH WALL**  
 SCALE: 3"=1'-0"



**KEY PLAN**

**NOTES:**

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Number: Date: Revision:  
 Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect: **HILL | WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8007

Interior Designer: **Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

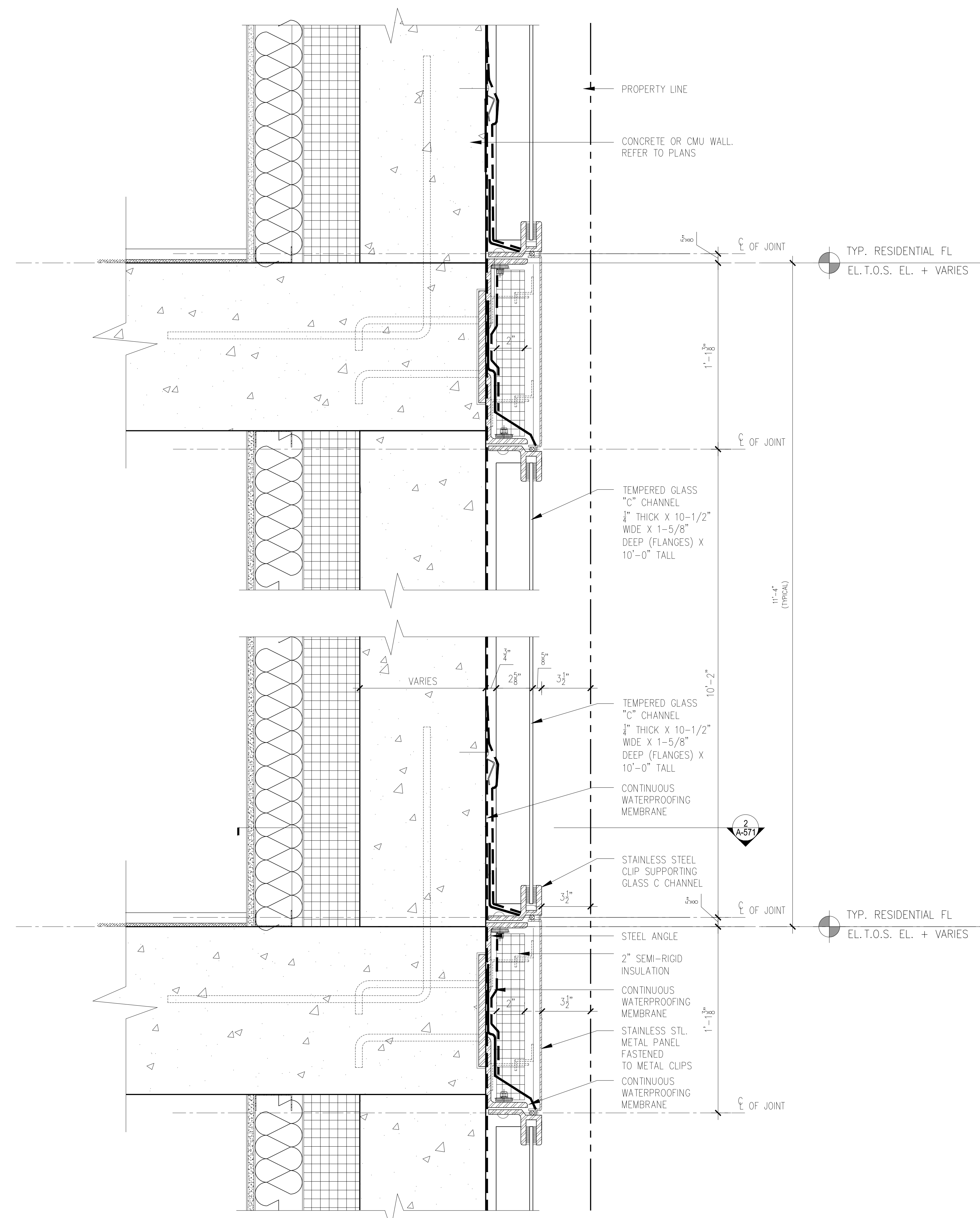
MEP/FE Engineer: **COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant: **VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

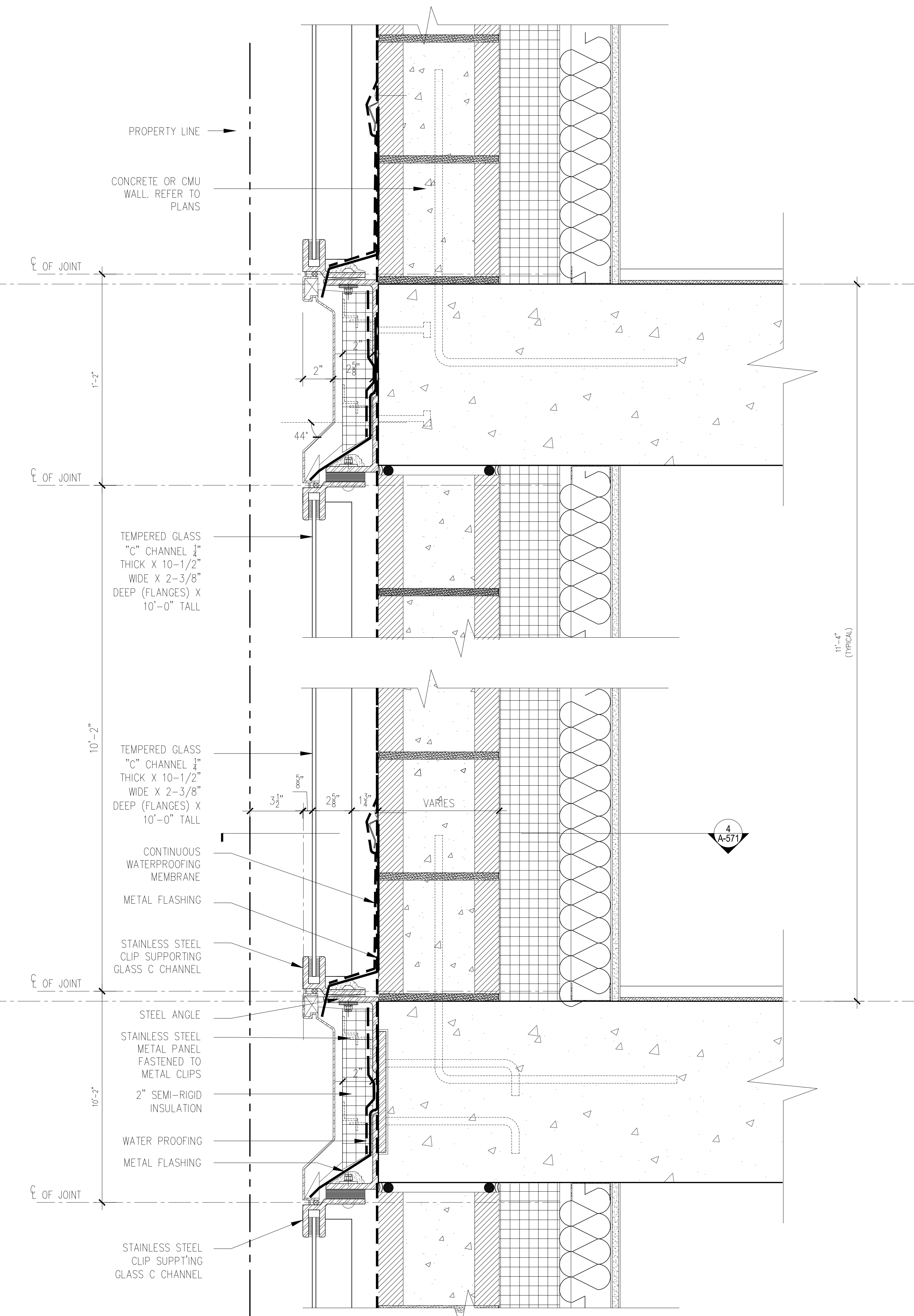
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**DWG TITLE:**  
**GLASS CHANNEL DET. SECTIONS & PLANS**

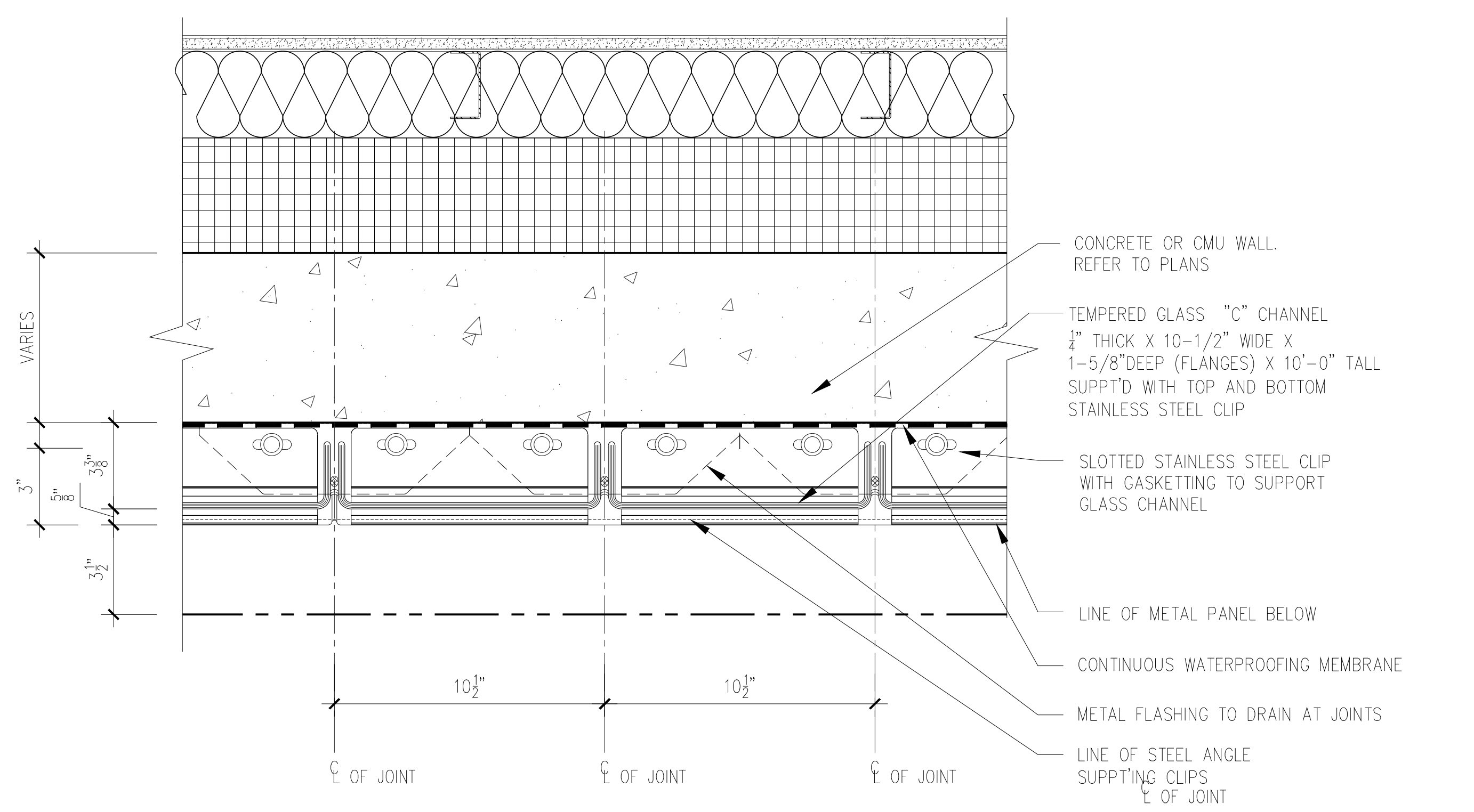
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PROJECT # 16A10	SCALE: 3"=1'-0"
<b>A-571.00</b>	DWG NO.



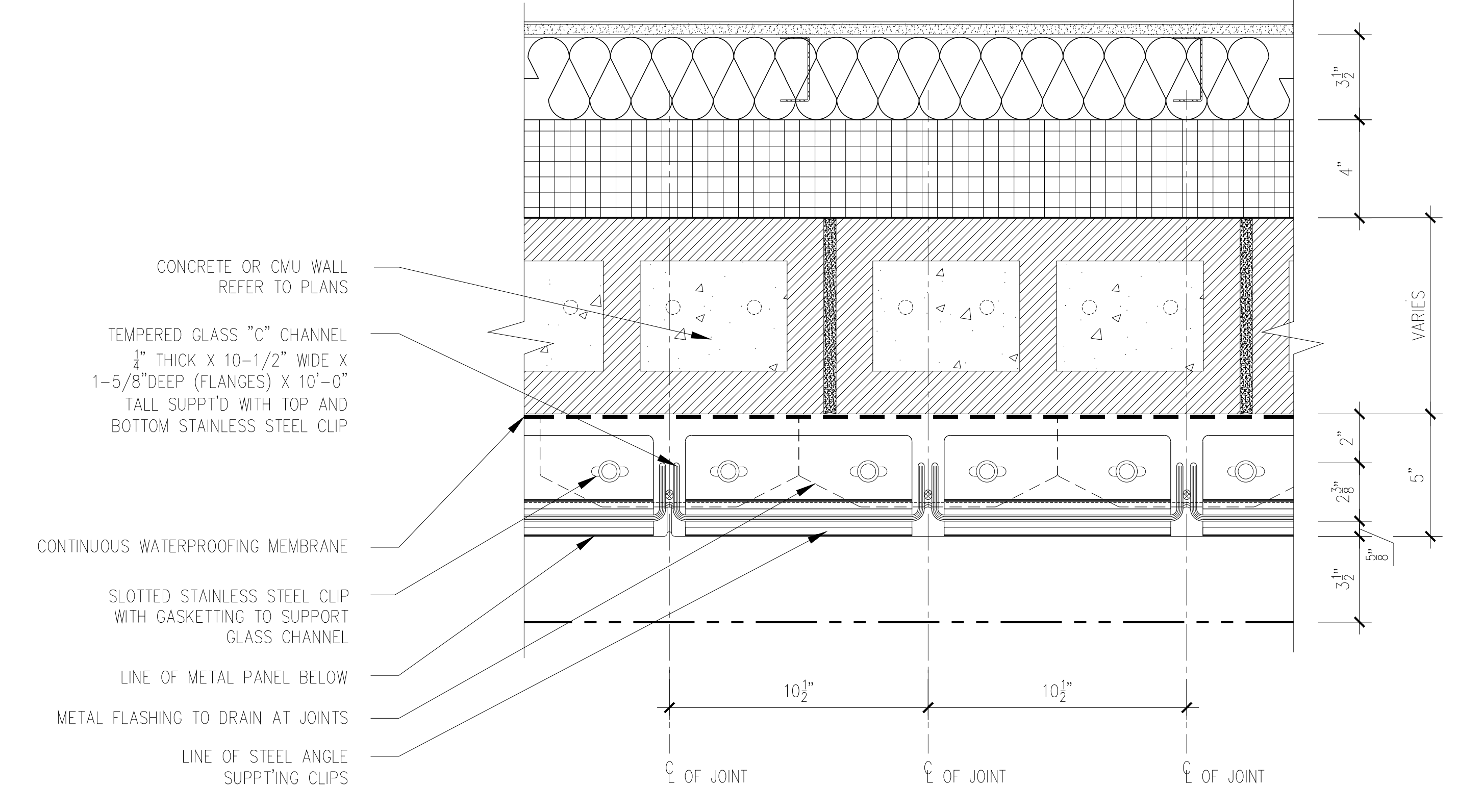
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 SCALE: 3"=1'-0"



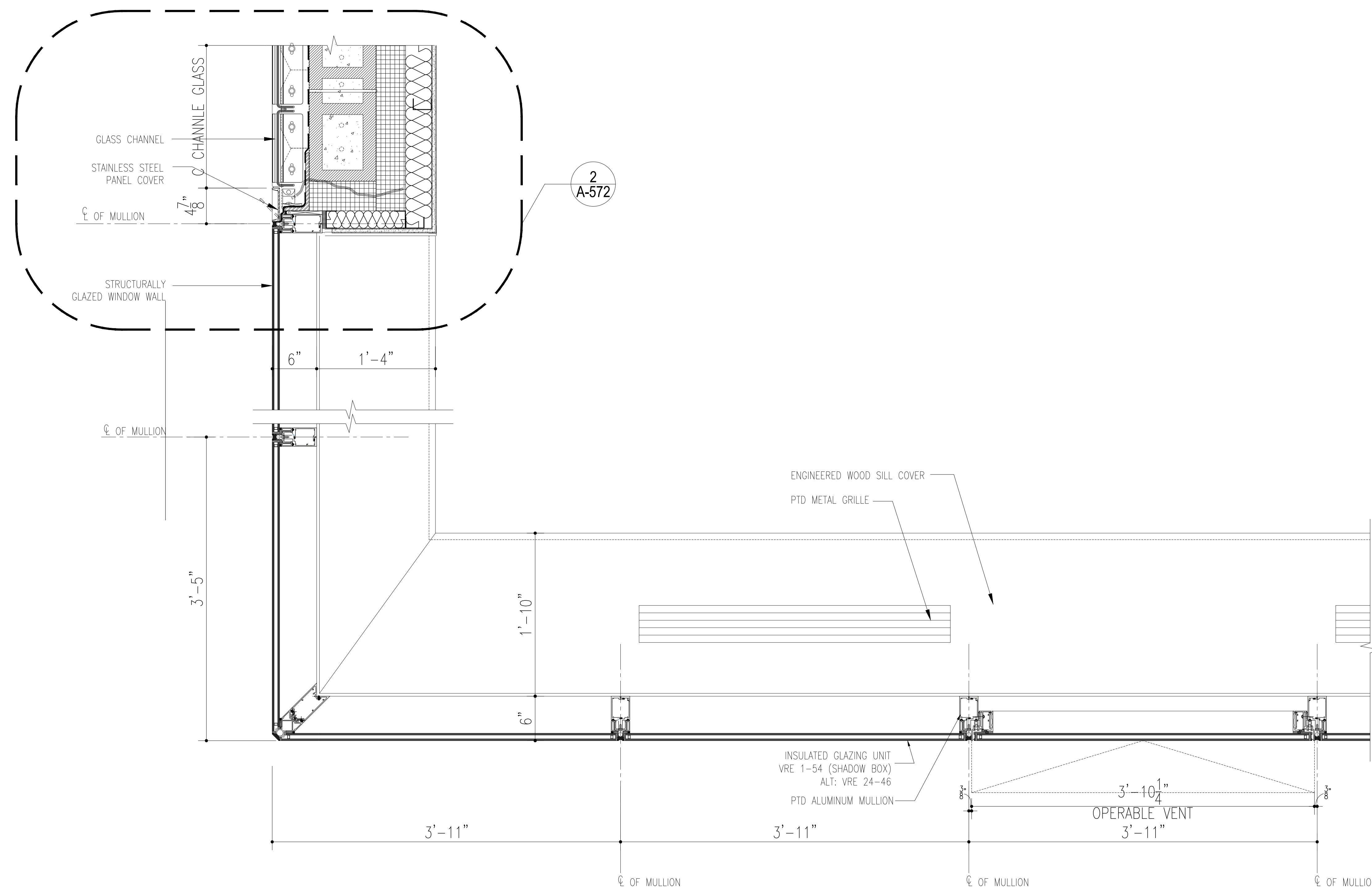
**3 SECTION DETAIL @ WEST WALL**  
 SCALE: 3"=1'-0"



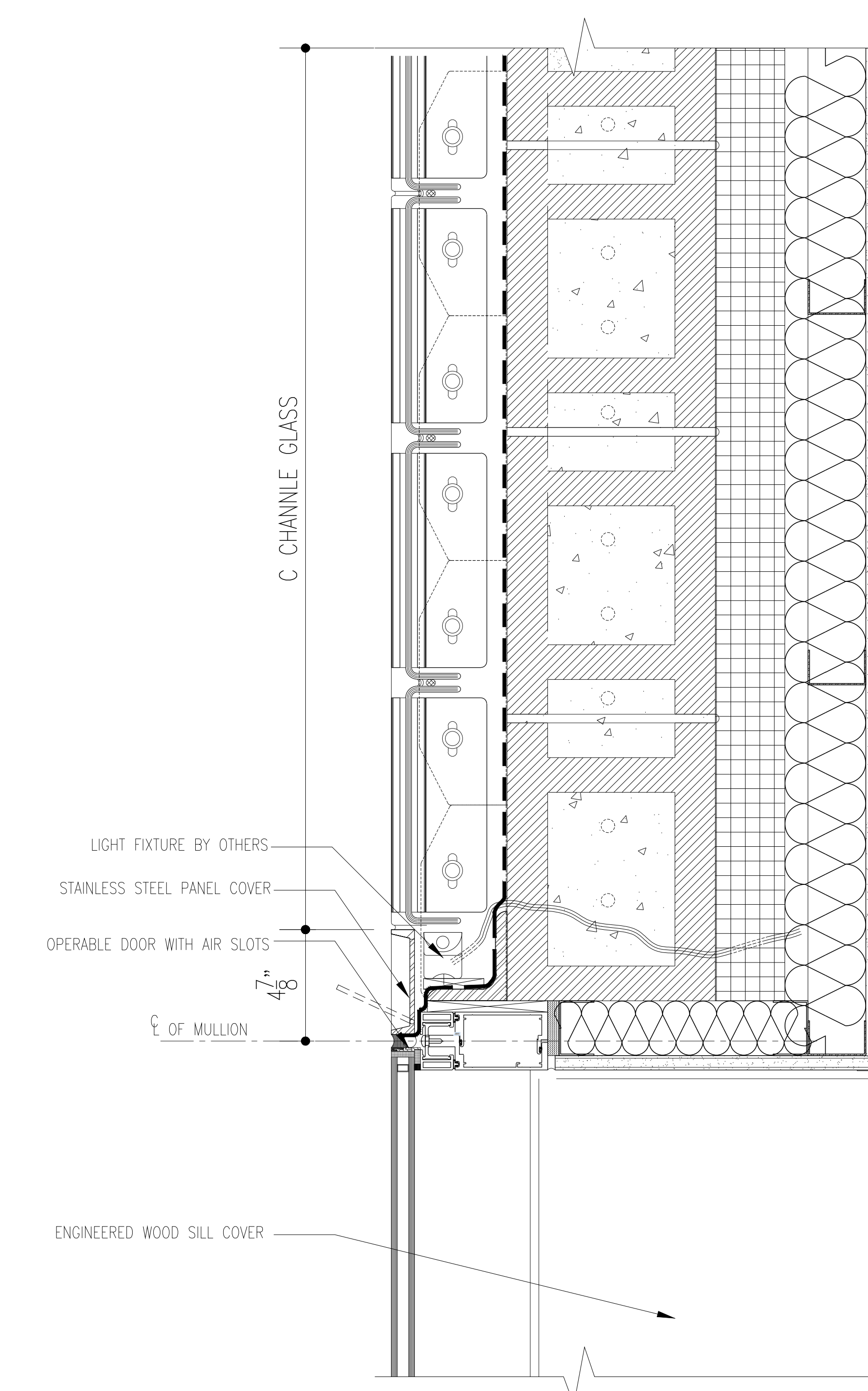
**2 PLAN DETAIL @ EAST WALL 12TH FL - BULKHEAD**  
 SCALE: 3"=1'-0"



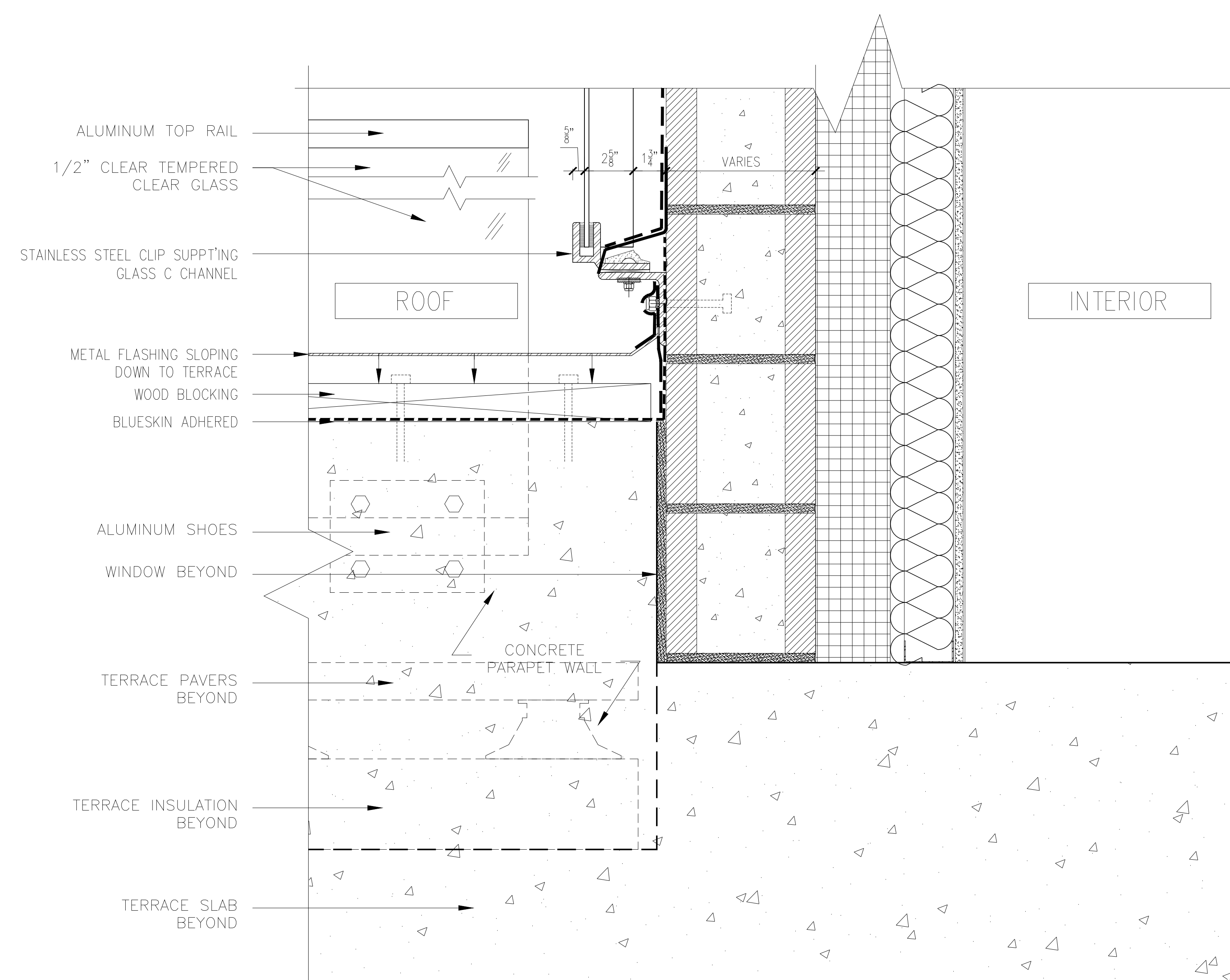
**4 PLAN DETAIL @ WEST WALL**  
 SCALE: 3"=1'-0"



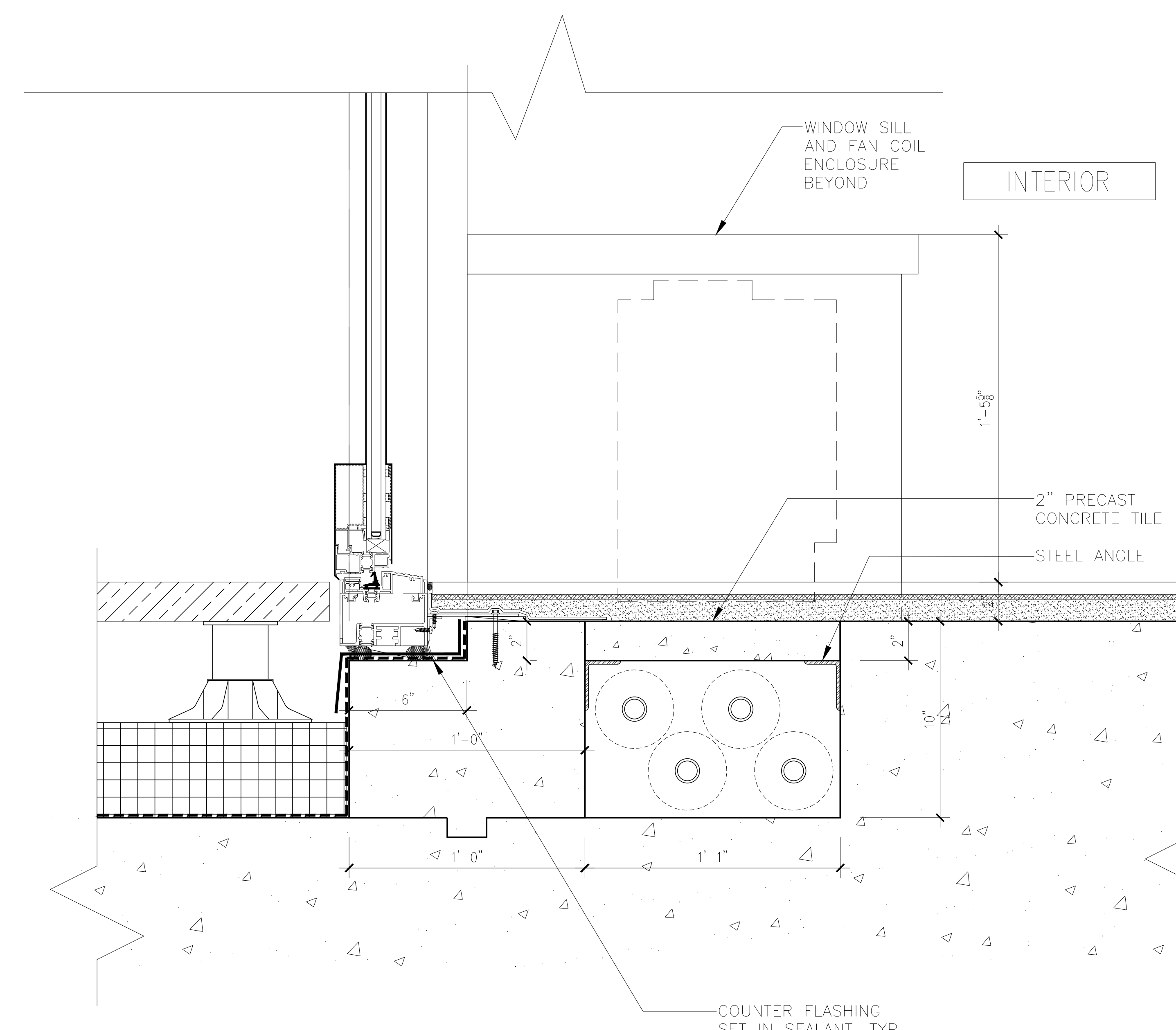
1 TYPICAL SOUTHWEST CORNER PLAN DETAIL  
SCALE: 1-1/2"=1'-0"



2 LIGHT PLAN DETAIL AT GLASS CHANNEL  
SCALE: 3"=1'-0"



3 PARAPET WALL SECTION DETAIL AT ROOF  
SCALE: 3"=1'-0"



4 TERRACE OUTSWING DOOR BASE SECTION  
SCALE: 3"=1'-0"



KEY PLAN

NOTES:

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05	03/17/2017	80% CD SUBMISSION
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01	12/22/2016	DOB SUBMISSION

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

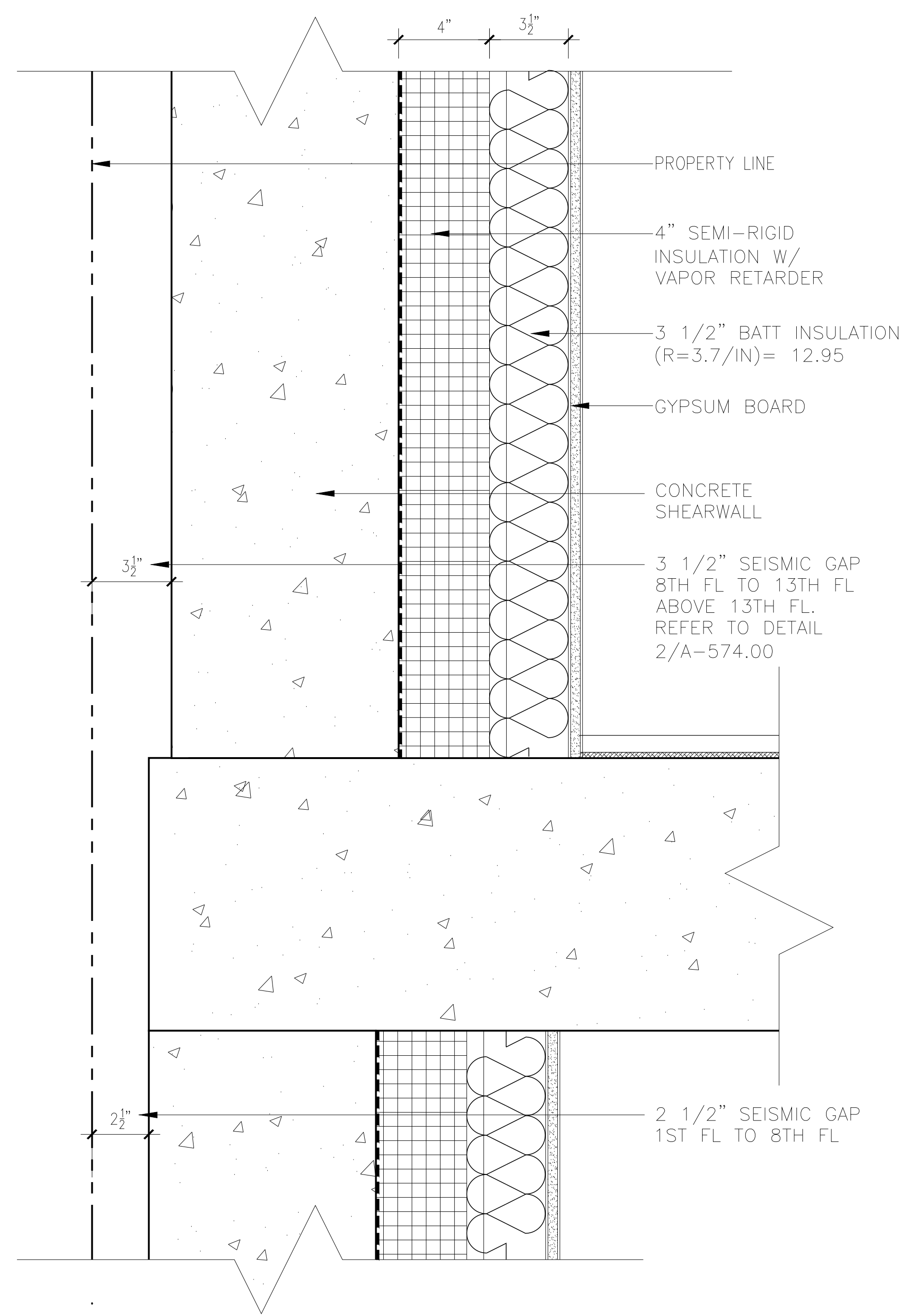
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

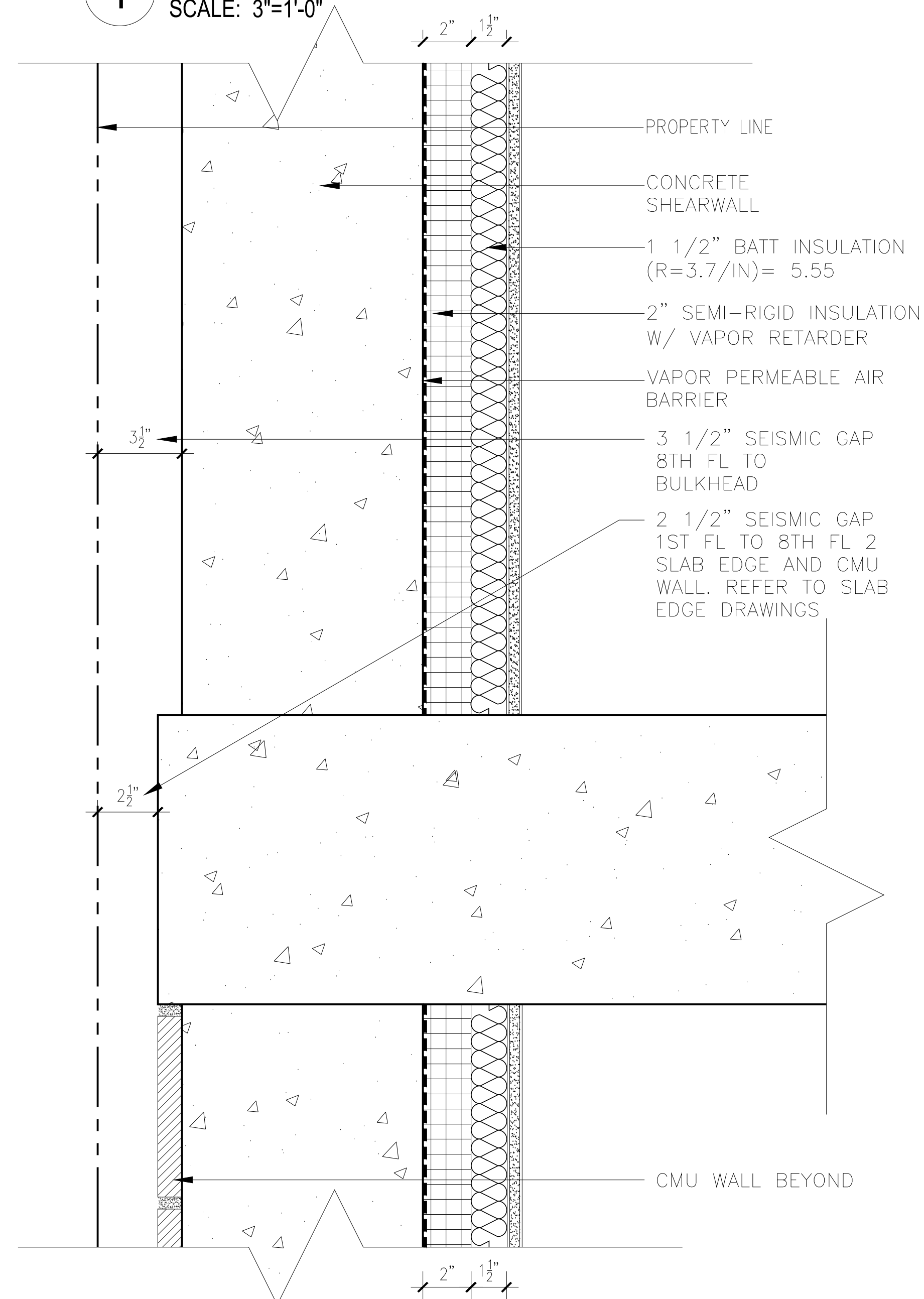
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DWG TITLE:  
EXTERIOR LIGHT DETAIL  
PARAPET WALL & TERRACE  
EXTERIOR & PLAN DETAILS

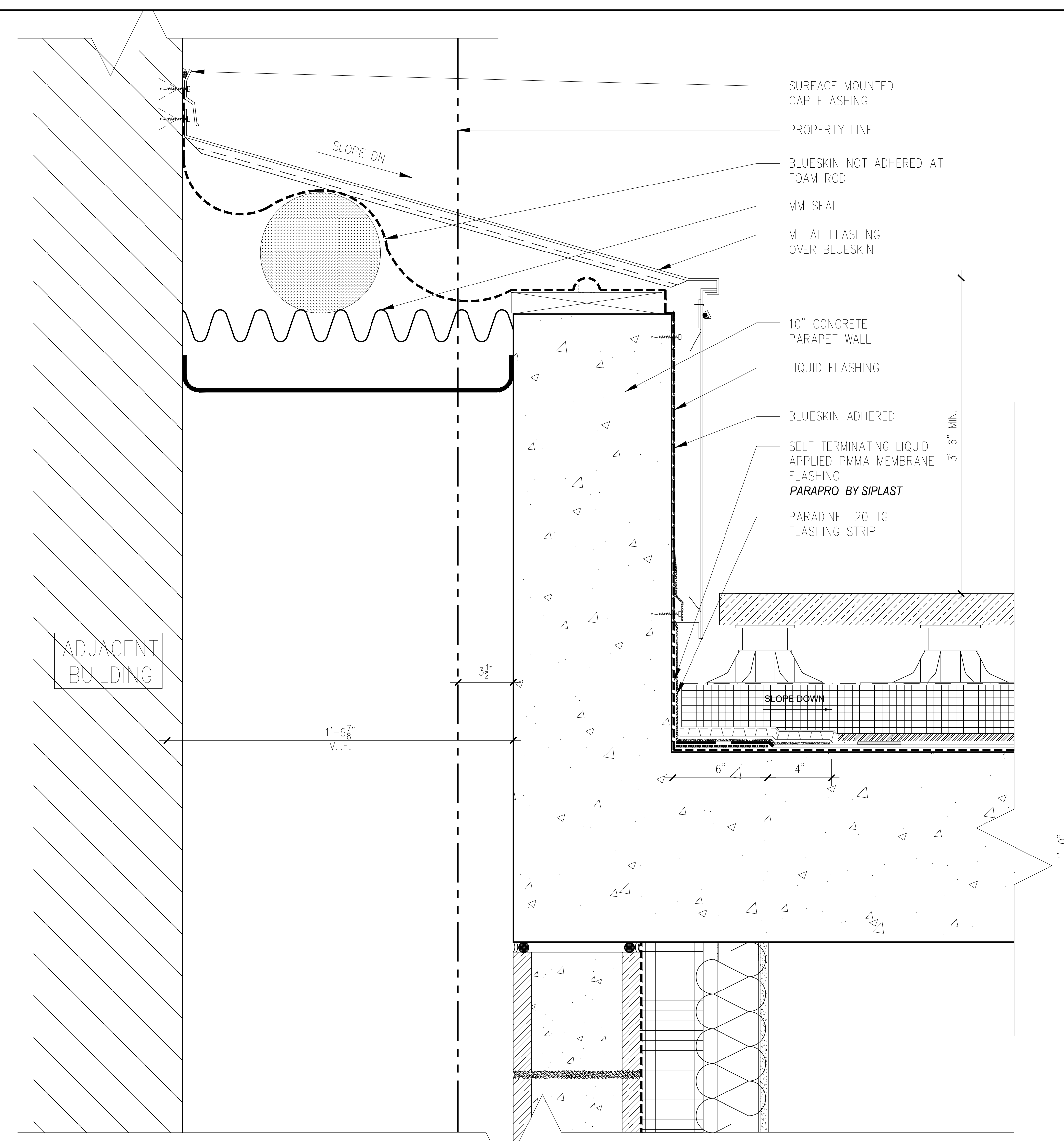
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PROJECT # 16A10 SCALE: 3"=1'-0"  
A-572.00  
DWG NO. NB#121191441



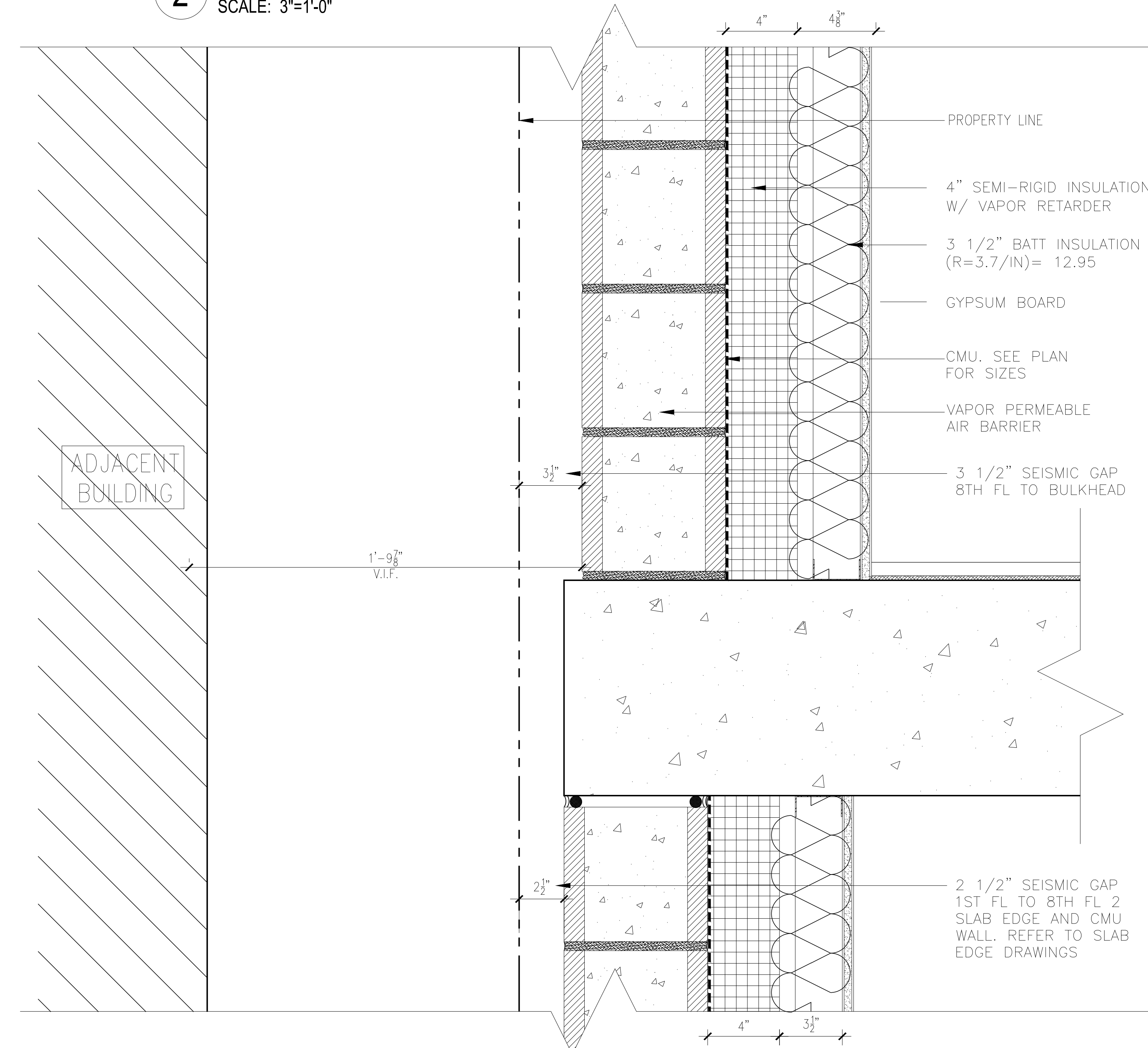
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SCALE: 3"=1'-0"



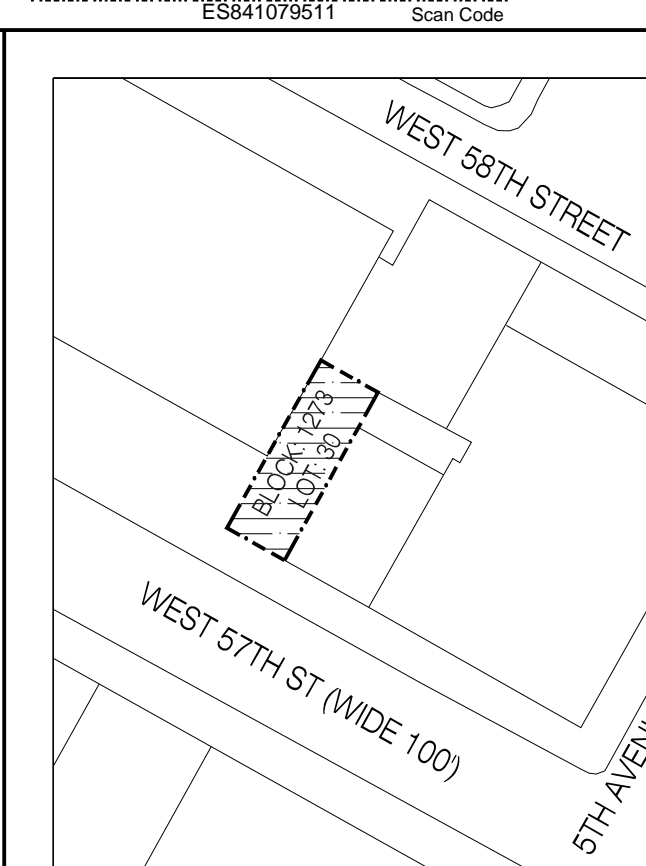
3 SECTION DETAIL @ WEST SHEARWALL  
SCALE: 3"=1'-0"



2 PARAPET WALL SECTION DETAIL AT WEST ADJACENT BLDG  
SCALE: 3"=1'-0"



4 SECTION DETAIL @ CMU WALL AT WEST ADJACENT BLDG  
SCALE: 3"=1'-0"



KEY PLAN

NOTES:

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01	12/22/2016	DOB SUBMISSION

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

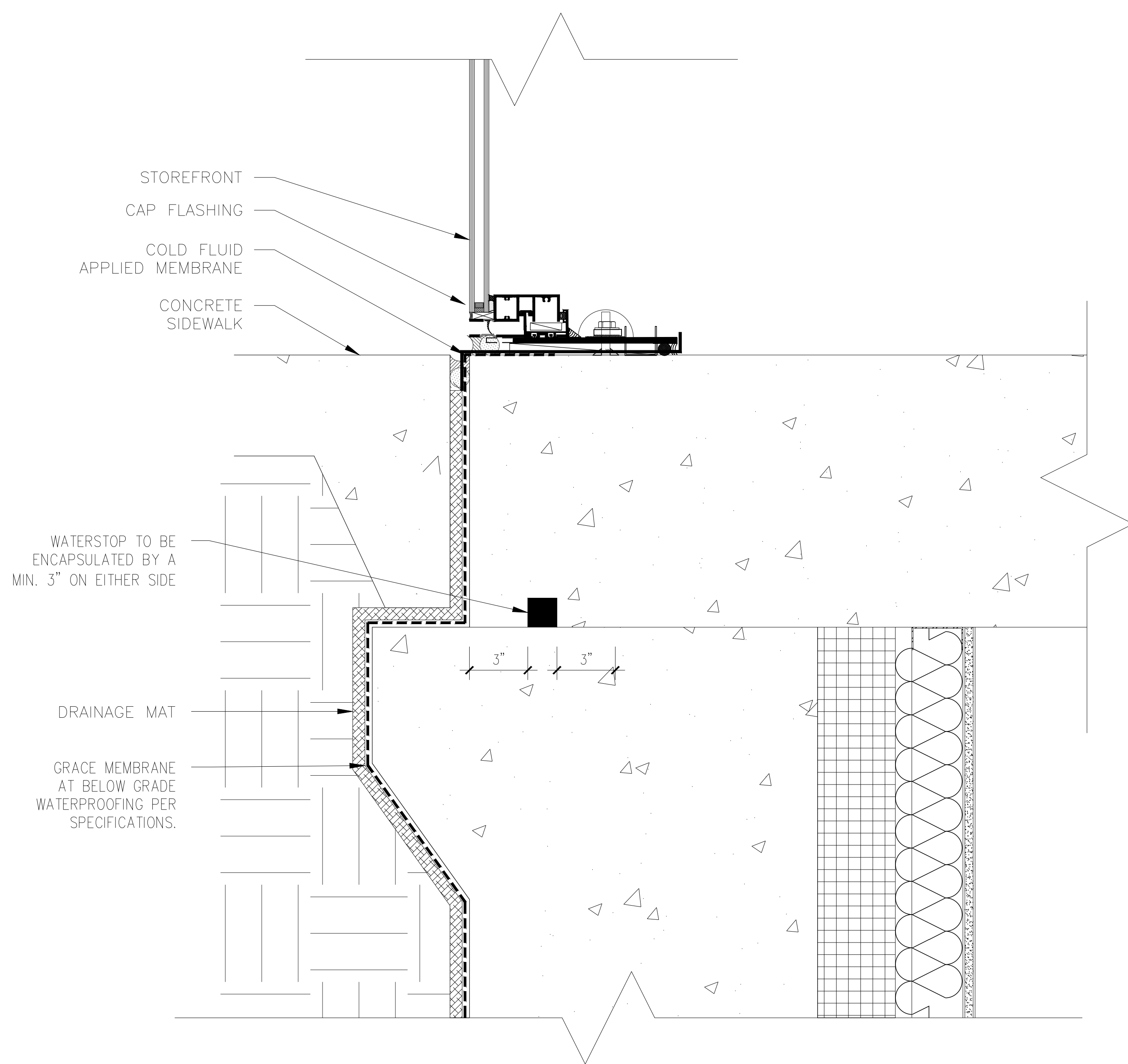
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

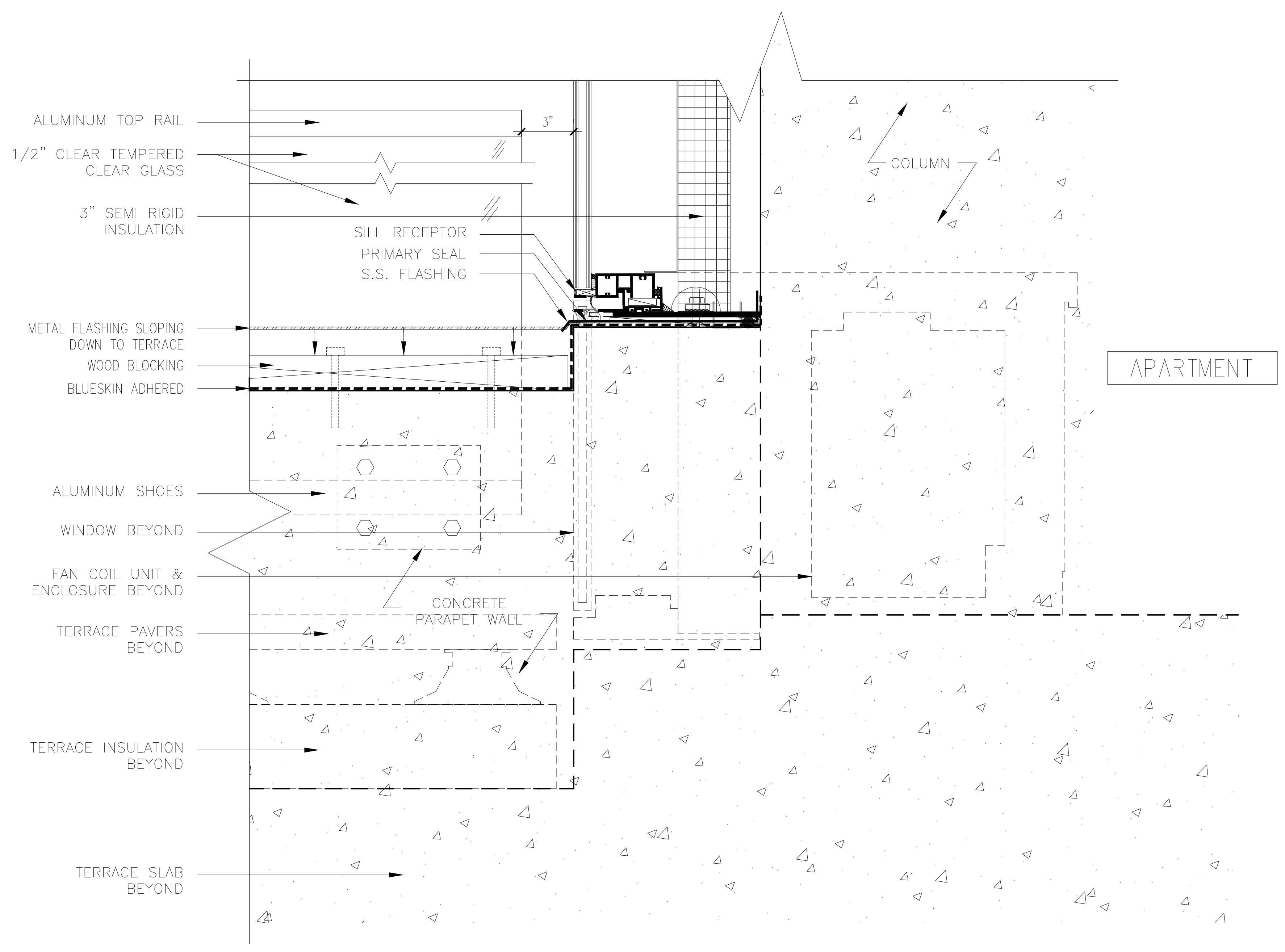
DWG TITLE:  
**EAST & WEST EXTERIOR  
WALL SECTIONS**

SEAL & SIGNATURE:  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: 3"=1'-0"  
**A-573.00**  
DWG NO.

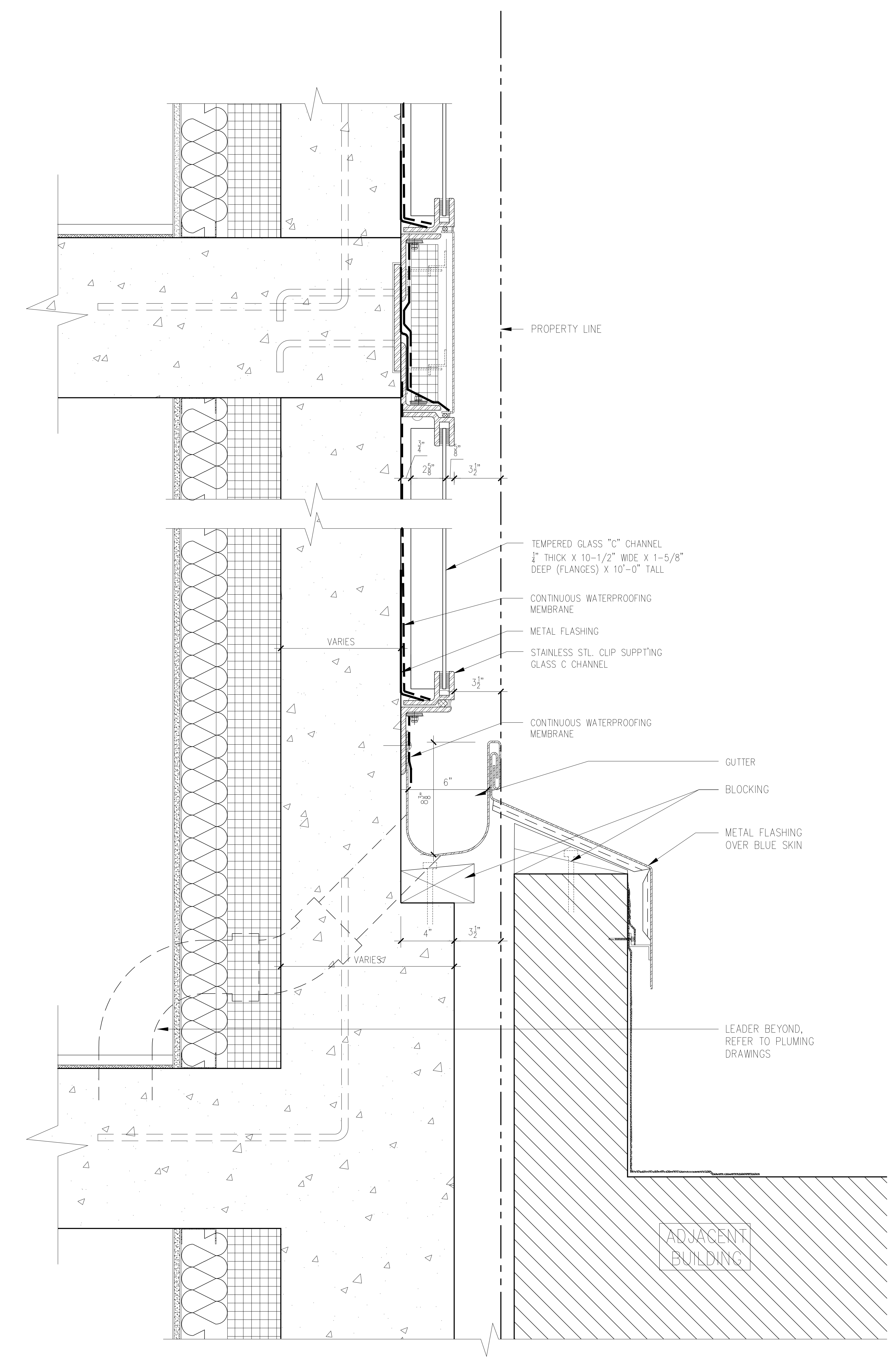
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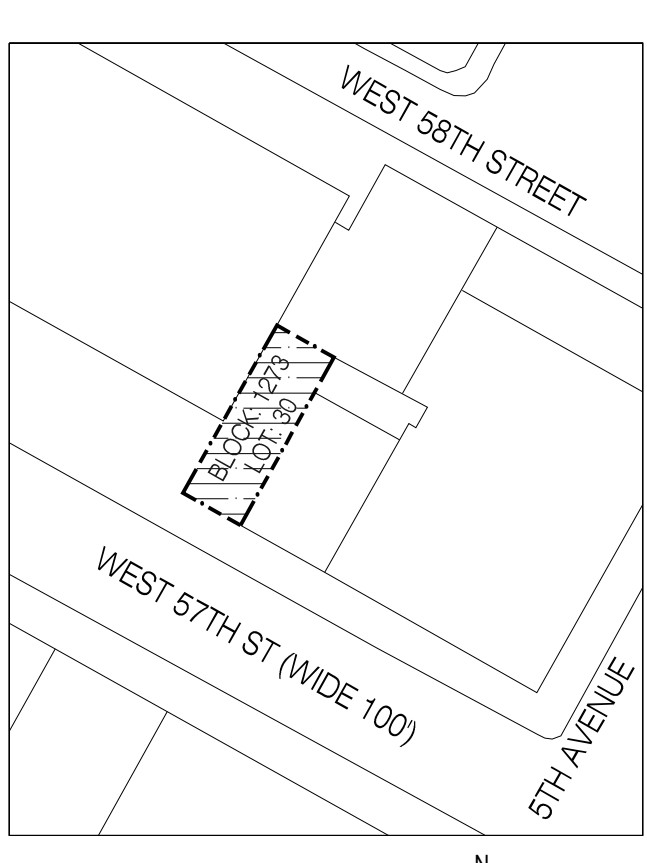
**1** STOREFRONT WALL SECTION DETAIL  
SCALE: 3"=1'-0"



**3** PARAPET WALL SECTION DETAIL AT TERRACE  
SCALE: 3"=1'-0"



**2** EAST SHEARWALL SECTION DETAIL AT 13TH FL  
SCALE: 3"=1'-0"



**KEY PLAN**

**NOTES:**

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Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: **HILL | WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer: **Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007


Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer: **COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

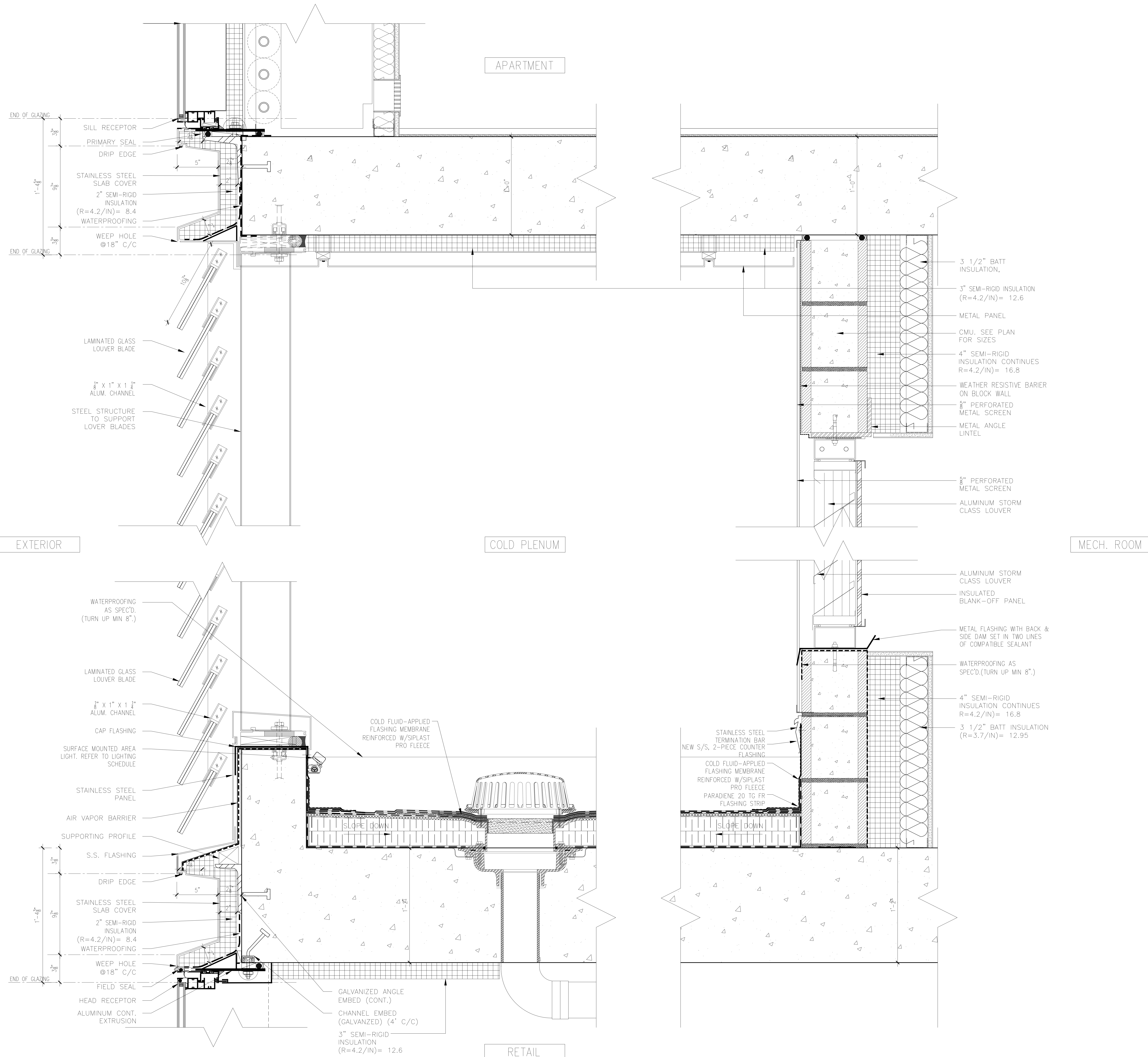
Building Envelope Consultant: **VIDARIS**  
580 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE: **STOREFRONT, GUTTER & PARAPET WALL SECTIONS**

SEAL & SIGNATURE: 	DATE: 05/26/2017
PROJECT # 16A10	SCALE: 3"=1'-0"
<b>A-574.00</b>	DWG NO.

NB#121191441



1 PARAPET WALL SECTION DETAIL AT MECHANICAL FLOOR  
SCALE: 3"=1'-0"



KEY PLAN

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Number: Date: Revision:  
Project: 7 WEST 57TH STREET NEW YORK, NY 10019

Client: SOLO9W57  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: HILL | WEST ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer: Whitehall INTERIORS  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer: WSP | PARSONS BRINCKERHOFF  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FP Engineer: COSENTINI ASSOCIATES  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

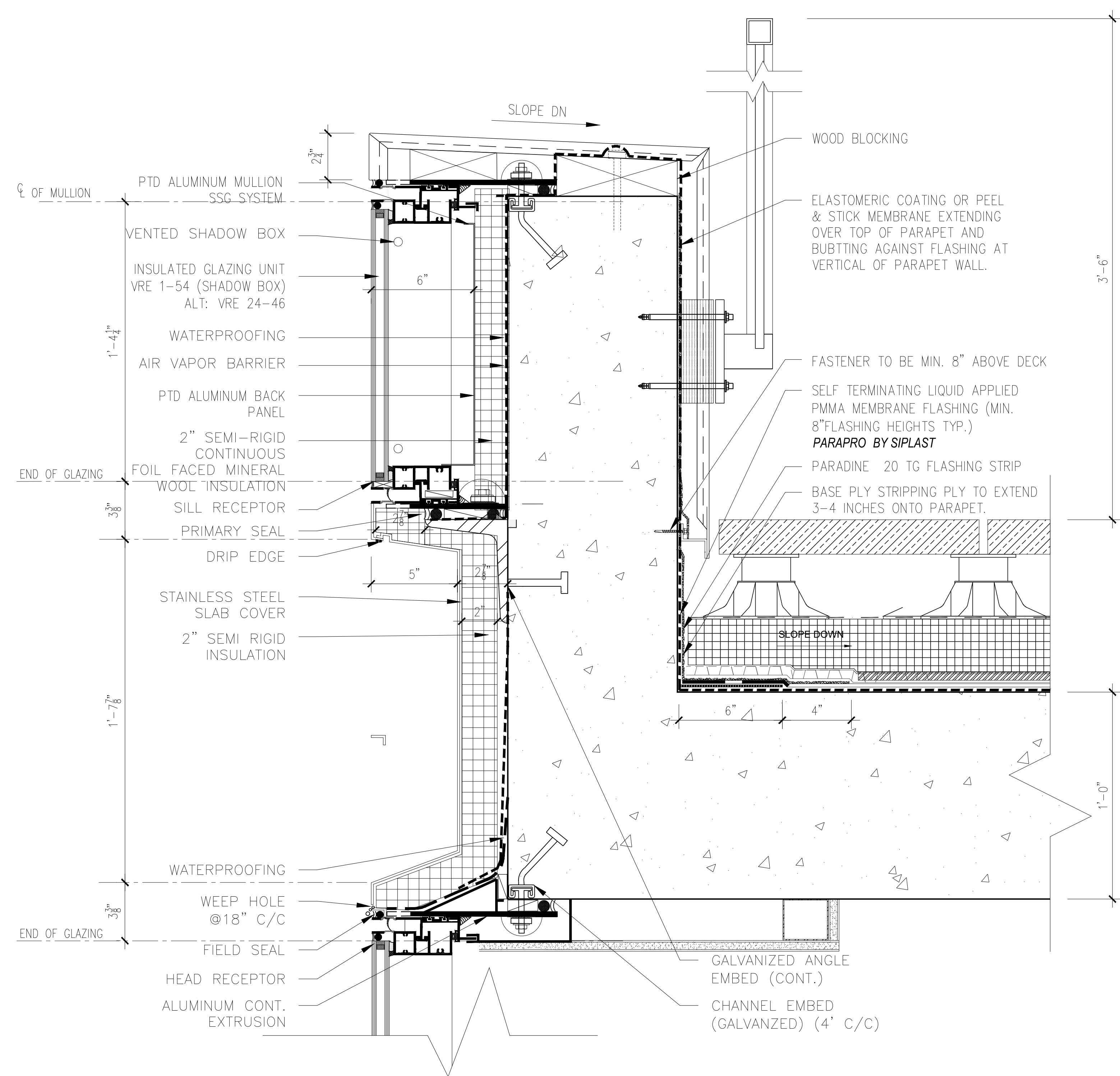
Building Envelope Consultant: VIDARIS  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

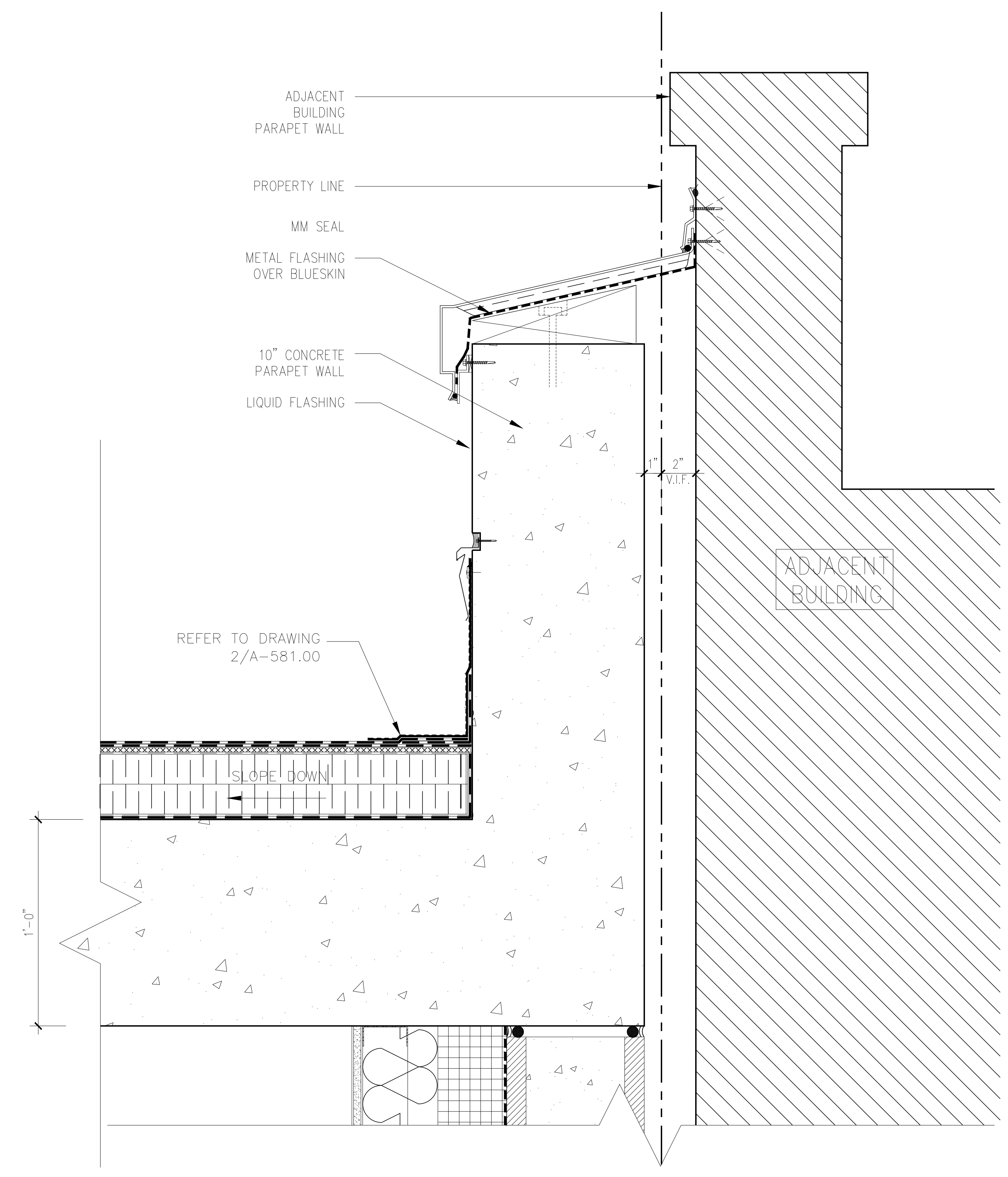
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SEAL & SIGNATURE: [Signature] DATE: 05/26/2017 PROJECT #: 16A10 SCALE: 3"=1'-0" A-575.00 DWG NO. NB#121191441





**1** PARAPET WALL SECTION DETAIL AT TERRACE  
SCALE: 3"=1'-0"



**2** PARAPET WALL DETAIL SECTION DETAIL  
SCALE: 3"=1'-0"



**KEY PLAN**

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14	06/08/2017	DOB SUBMISSION
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**7**  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
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Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
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Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007


Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

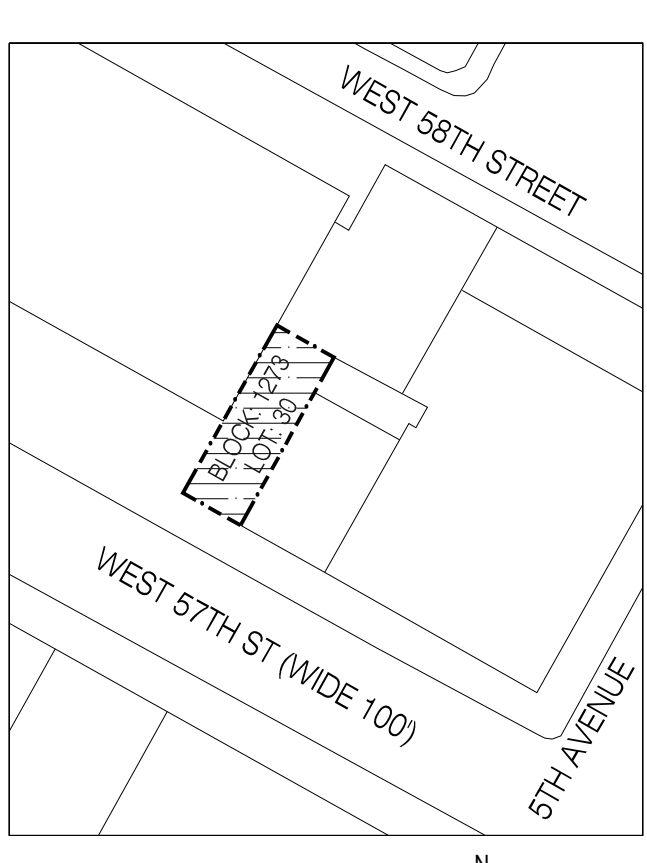
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**PARAPET WALL DETAIL SECTIONS**

SEAL & SIGNATURE:  
 DATE: 05/26/ 2017  
PROJECT #: 16A10  
SCALE: 3" = 1'-0"  
**A-576.00**  
DWG NO.  
NB#121191441



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	100% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number:	Date:	Revision:

Project:		
7 WEST 57TH STREET NEW YORK, NY 10019		
Client:		
SOLO9W57 SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019		
Architect:		
HILL   WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212-615-8007		
Interior Designer:		
Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007		
Structural Engineer:		
WSP   PARSONS BRINCKERHOFF ONE PEN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888		
MEP/FE Engineer:		
COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600		
Building Envelope Consultant:		
V.DARIS 580 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389		

DOB STAMPS & SIGNATURES:

DWG TITLE:

**EXTERIOR DETAILS**

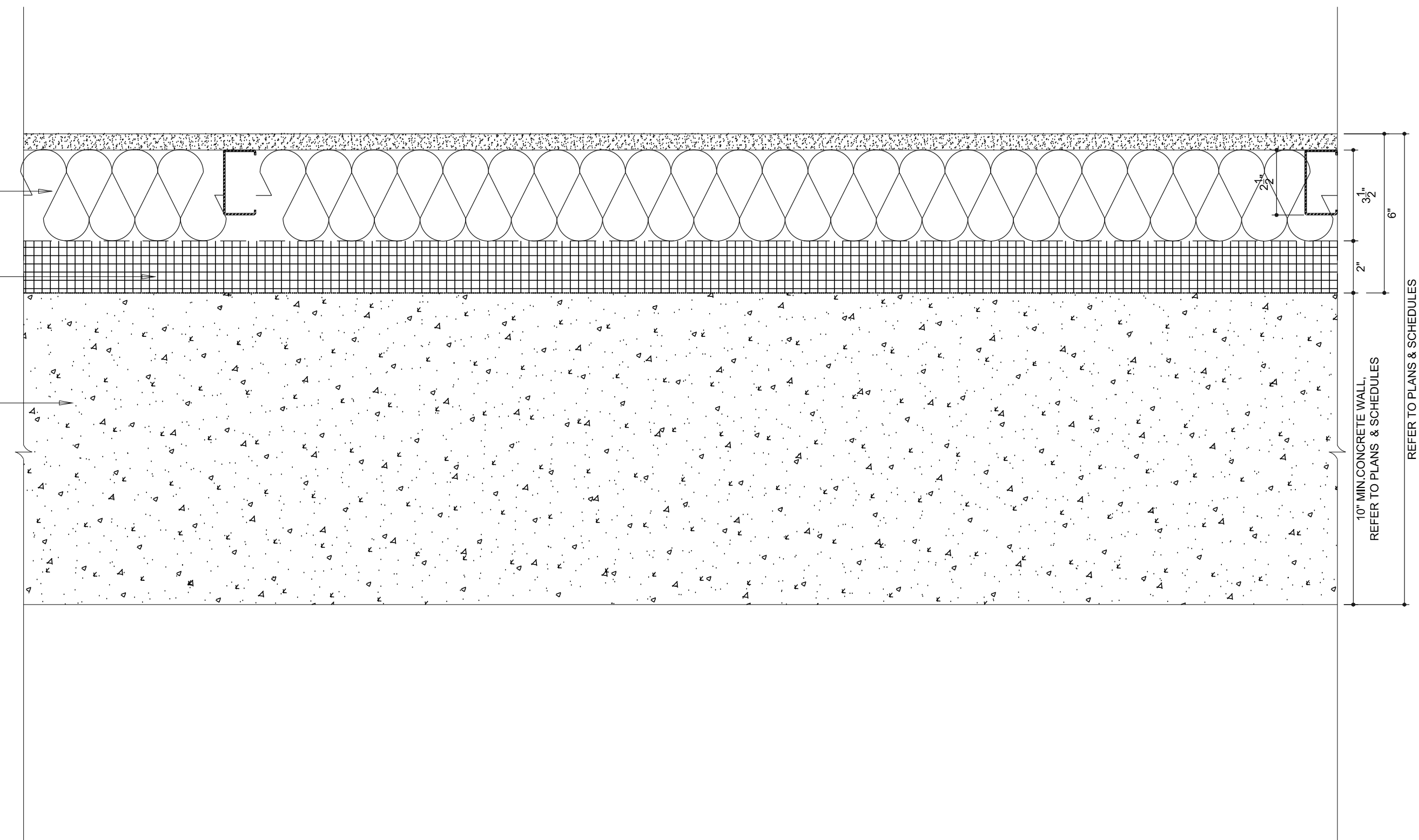
SEAL & SIGNATURE:

DATE: 05/26/2017  
 PROJECT #: 16A10  
 SCALE: 3" = 1'-0"

**A-577.00**  
 DWG. NO.

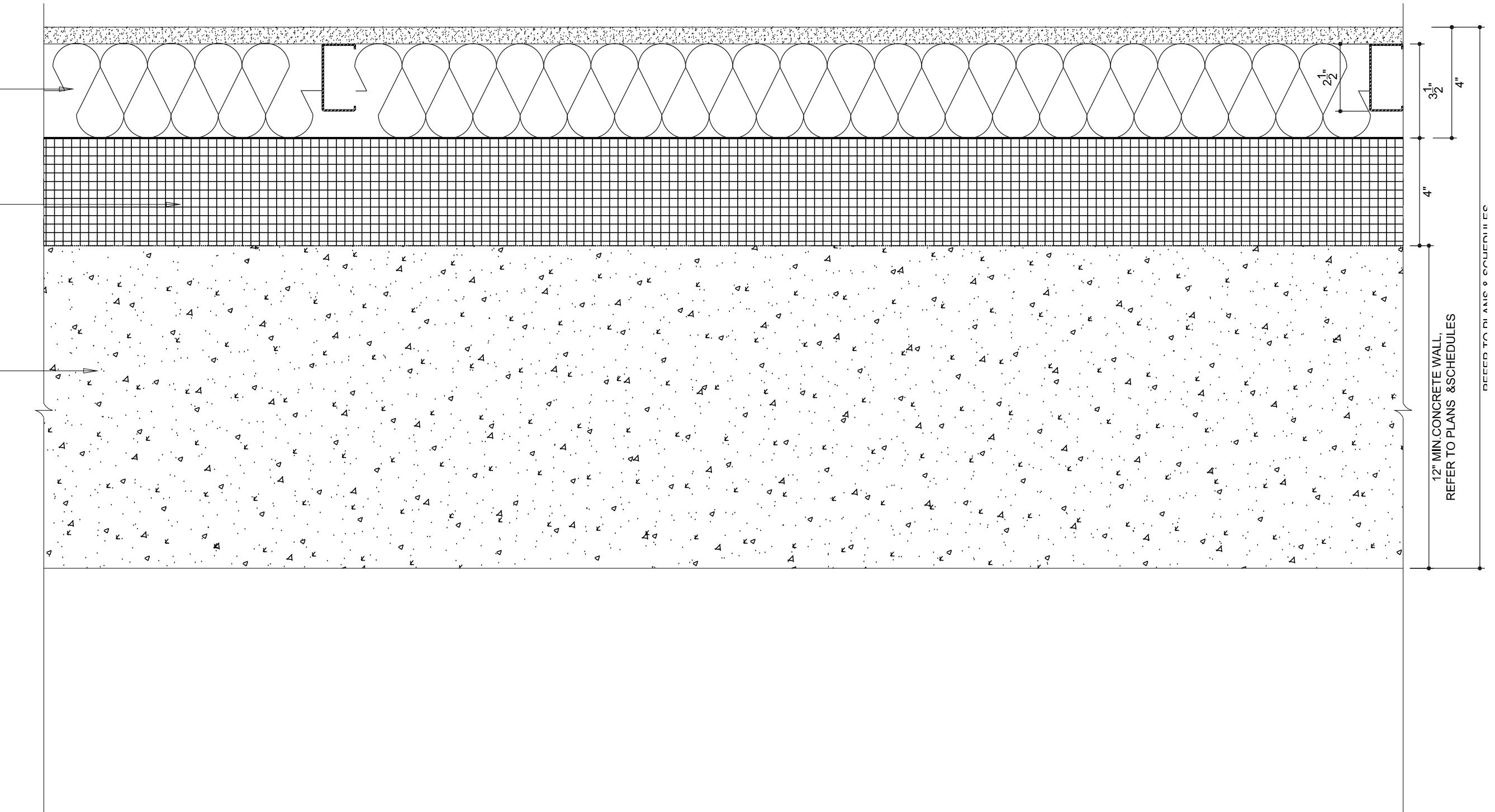
NB#12191441

U FACTOR = 0.064  
 2 1/2" MTL. STUD. WITH  
 (1) 5/8" "X" GYP. BD.  
 3 1/2" BATT INSULATION (R=3.7/IN) = 12.95  
 2" SEMI-RIGID CONTINUOUS MINERAL  
 WOOL INSULATION (R=4.2/IN) = 8.4



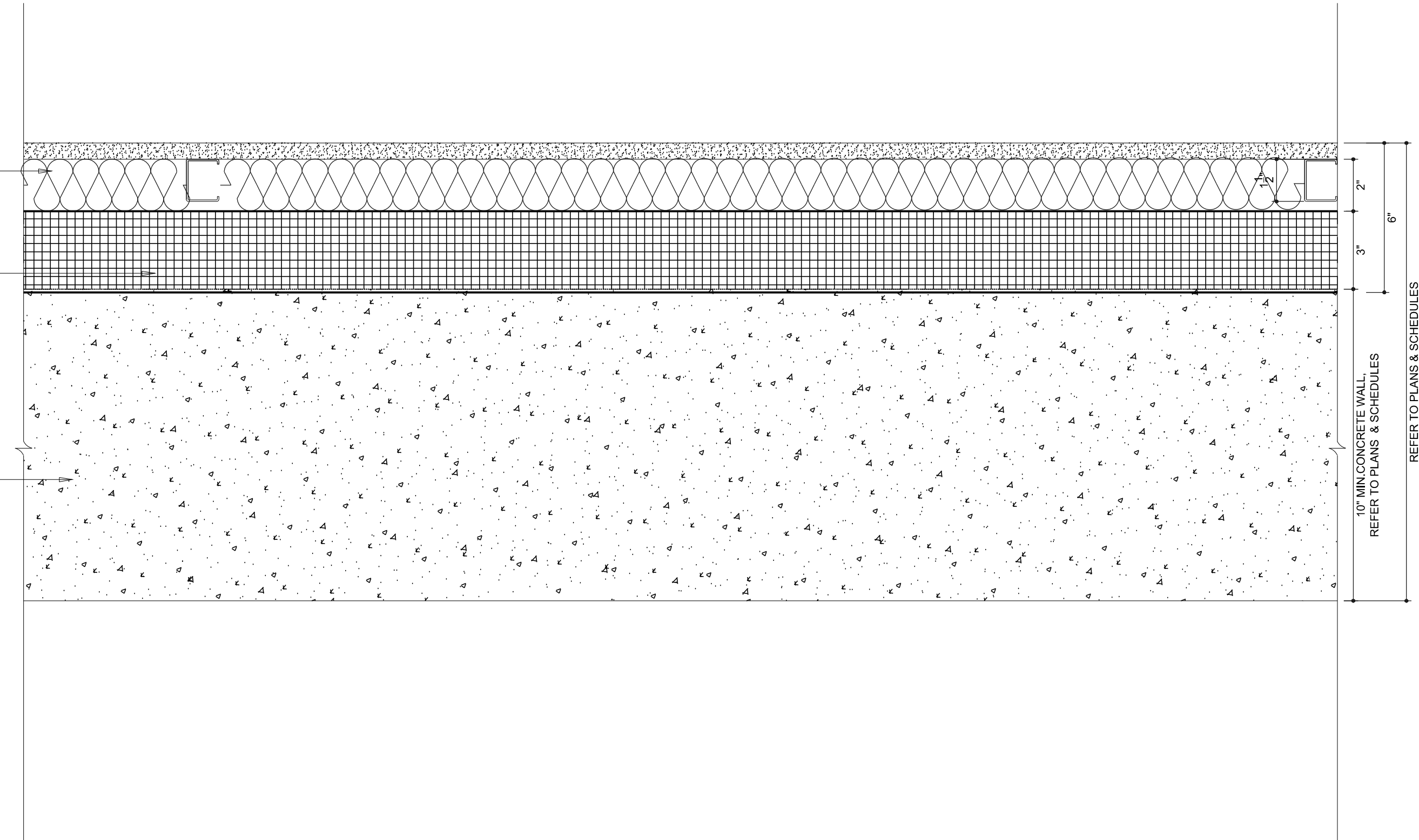
**F** B.1.6 R & NR - LOTLINE CONCRETE WALL WITH CAVITY INSULATION  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.042  
 2 1/2" MTL. STUD. WITH  
 (1) 5/8" "X" GYP. BD.  
 GC TO MAINTAIN A 3 1/2" CAVITY BETWEEN  
 GYPSUM BOARD AND RIGID INSULATION FOR  
 3 1/2" BATT INSULATION (R=3.7/IN) = 12.95  
 4" SEMI-RIGID CONTINUOUS MINERAL  
 WOOL INSULATION (R=4.2/IN) = 16.8



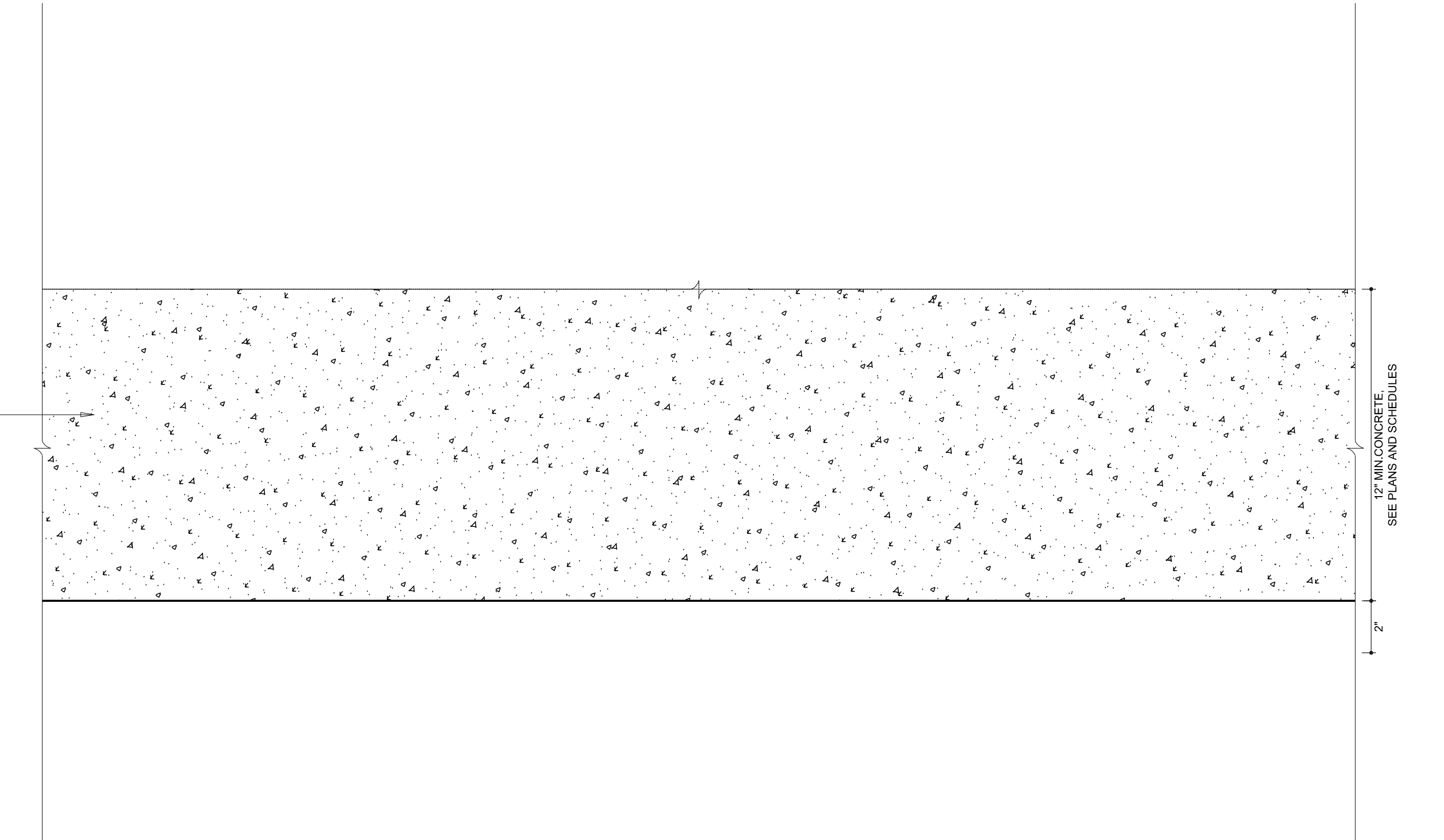
**C** B.1.3 R & NR - LOTLINE CONCRETE WALL WITH BOTH INSULATIONS  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.056  
 1 1/2" MTL. STUD. WITH  
 (1) 5/8" "X" GYP.  
 BD. GC TO MAINTAIN A 2" CAVITY BETWEEN  
 GYPSUM BOARD AND RIGID INSULATION FOR  
 2" BATT INSULATION (R=3.7/IN) = 7.4  
 3" SEMI-RIGID CONTINUOUS MINERAL  
 WOOL INSULATION (R=4.2/IN) = 12.6



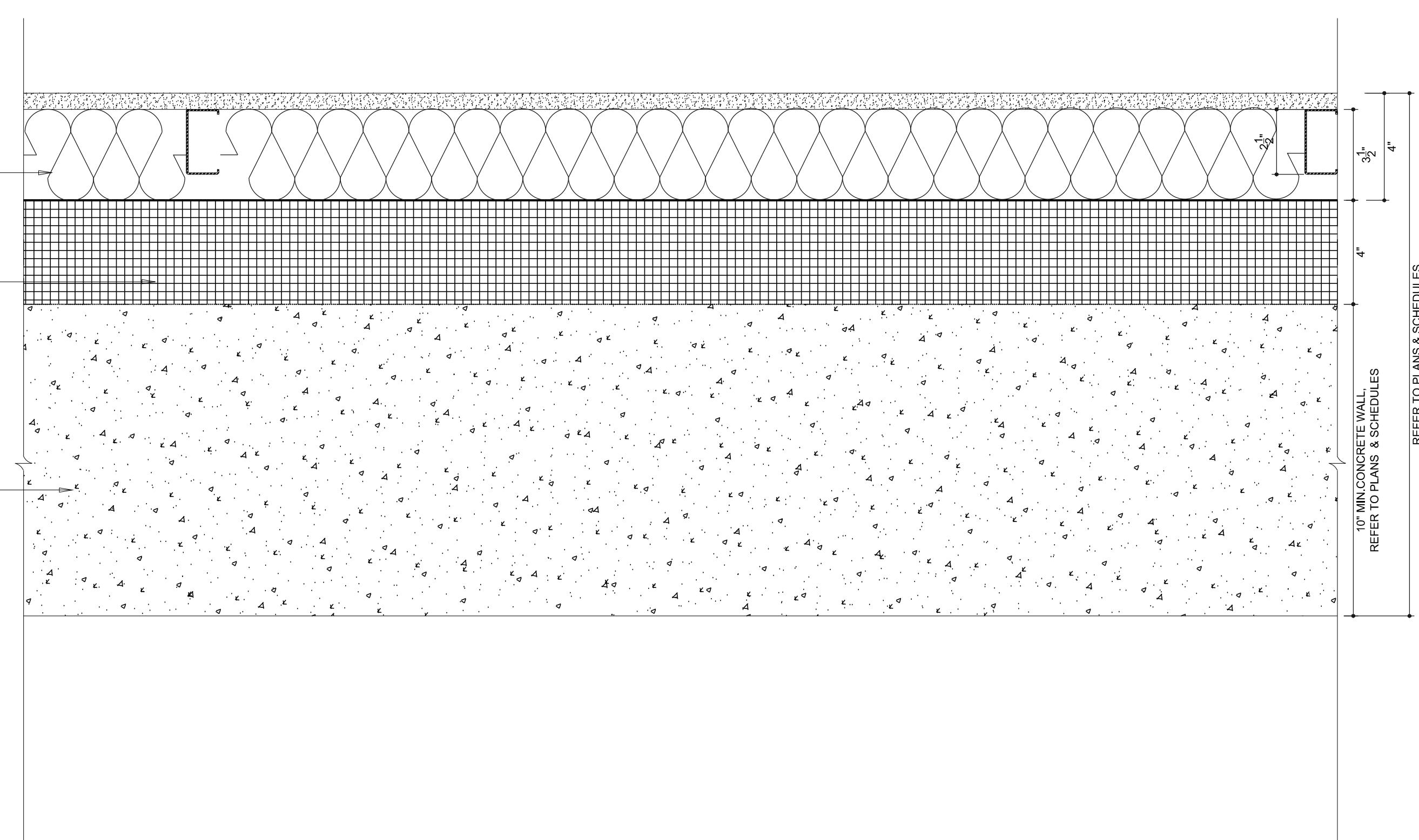
**E** B.1.5 R & NR - LOTLINE CONCRETE WALL WITH CONTINUOUS INSULATION  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.630



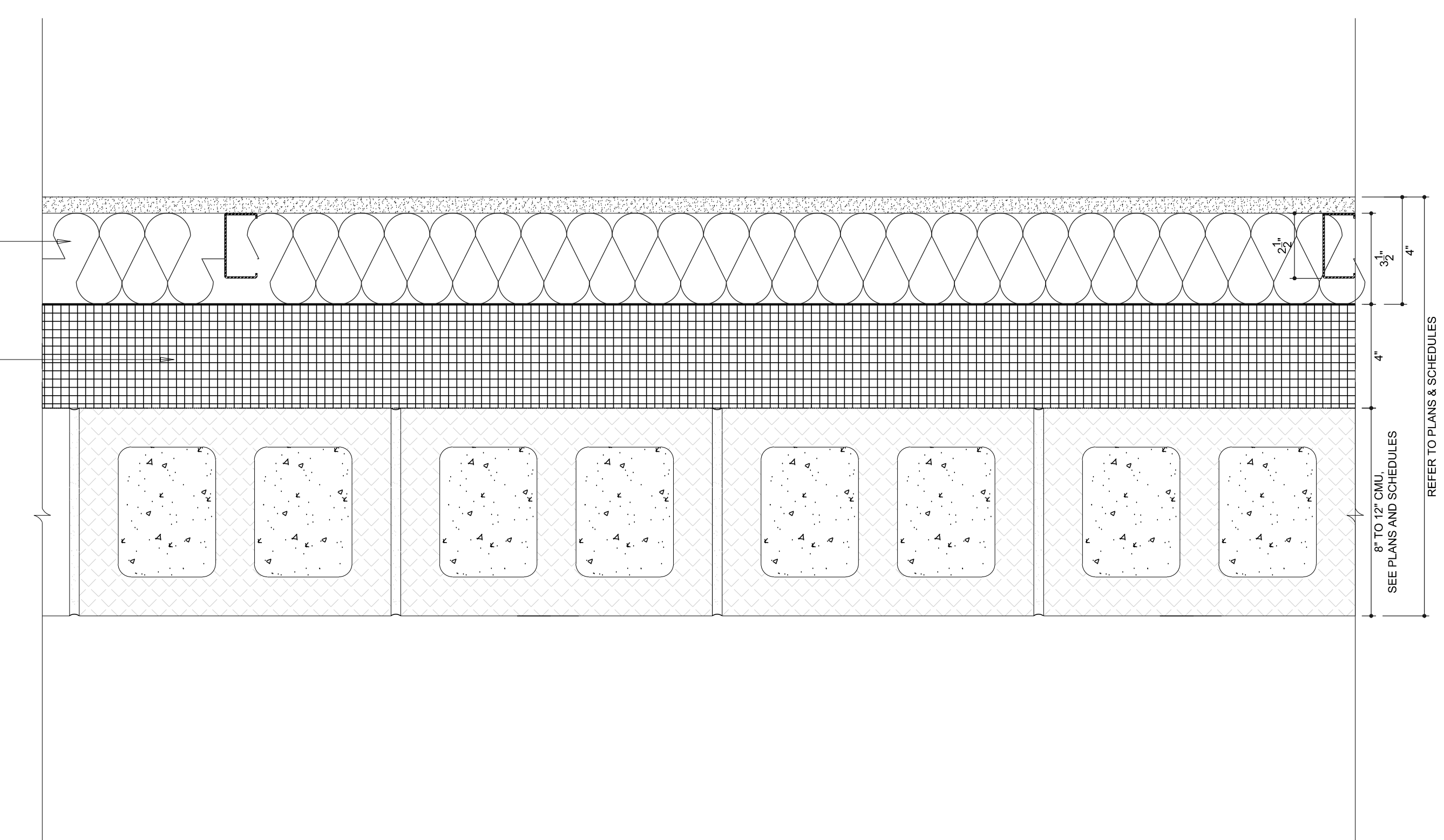
**B** B.1.2 R & NR - LOT LINE SLAB EDGE, SHEAR WALL, COLUMN (COLUMN @ RETAIL ONLY)  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.042  
 2 1/2" MTL. STUD. WITH  
 (1) 5/8" "X" GYP. BD.  
 GC TO MAINTAIN A 3 1/2" CAVITY BETWEEN  
 GYPSUM BOARD AND RIGID INSULATION FOR  
 3 1/2" BATT INSULATION (R=3.7/IN) = 12.95  
 4" SEMI-RIGID CONTINUOUS MINERAL  
 WOOL INSULATION (R=4.2/IN) = 16.8



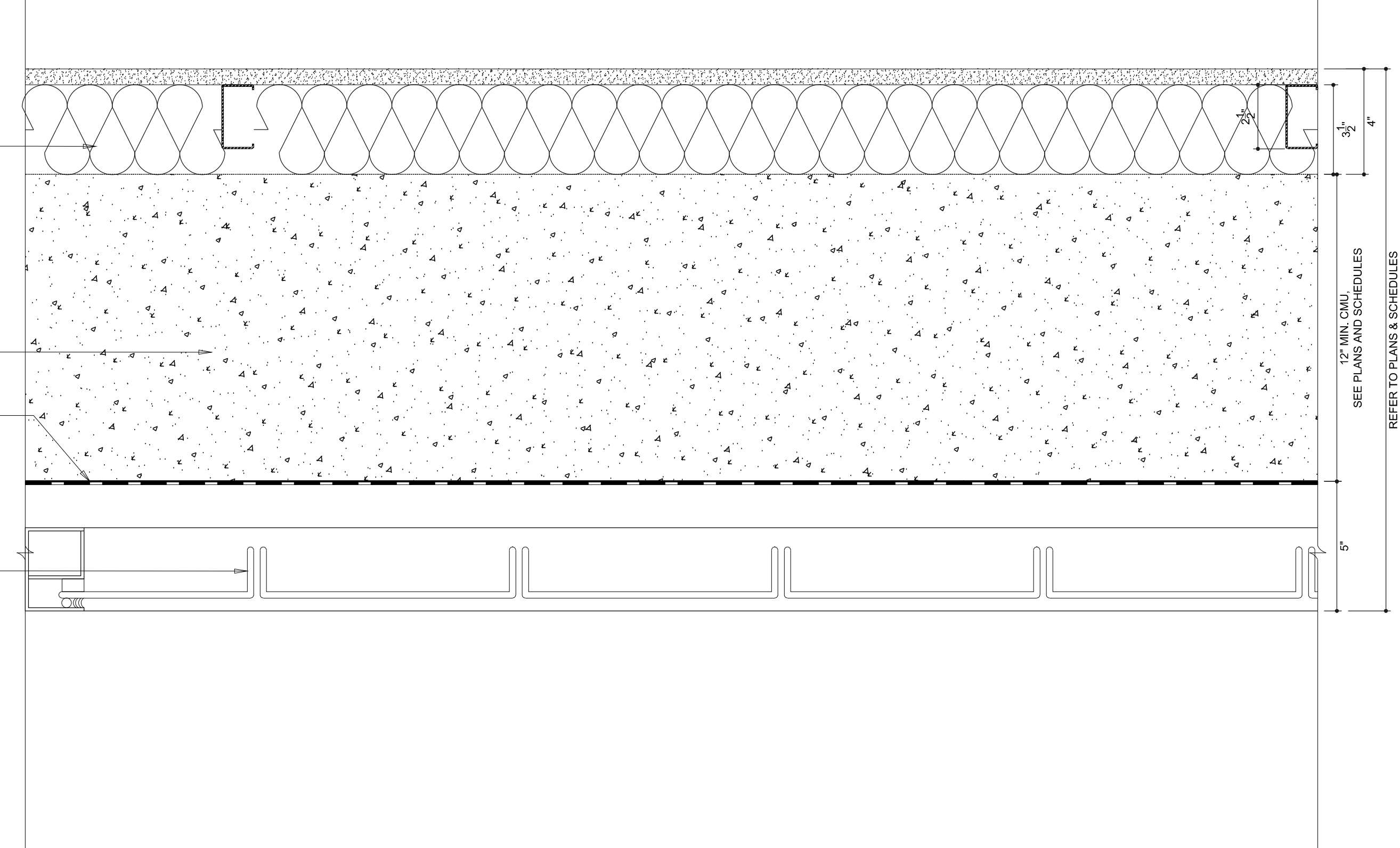
**D** B.1.4 R & NR - LOTLINE CONCRETE WALL WITH BOTH INSULATIONS (LOW CONTINUOUS INSULATION)  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.041  
 2 1/2" MTL. STUD. WITH  
 (1) 5/8" "X" GYP. BD.  
 GC TO MAINTAIN A 3 1/2" CAVITY BETWEEN  
 GYPSUM BOARD AND RIGID INSULATION FOR  
 3 1/2" BATT INSULATION (R=3.7/IN) = 12.95  
 4" SEMI-RIGID CONTINUOUS MINERAL  
 WOOL INSULATION (R=4.2/IN) = 16.8



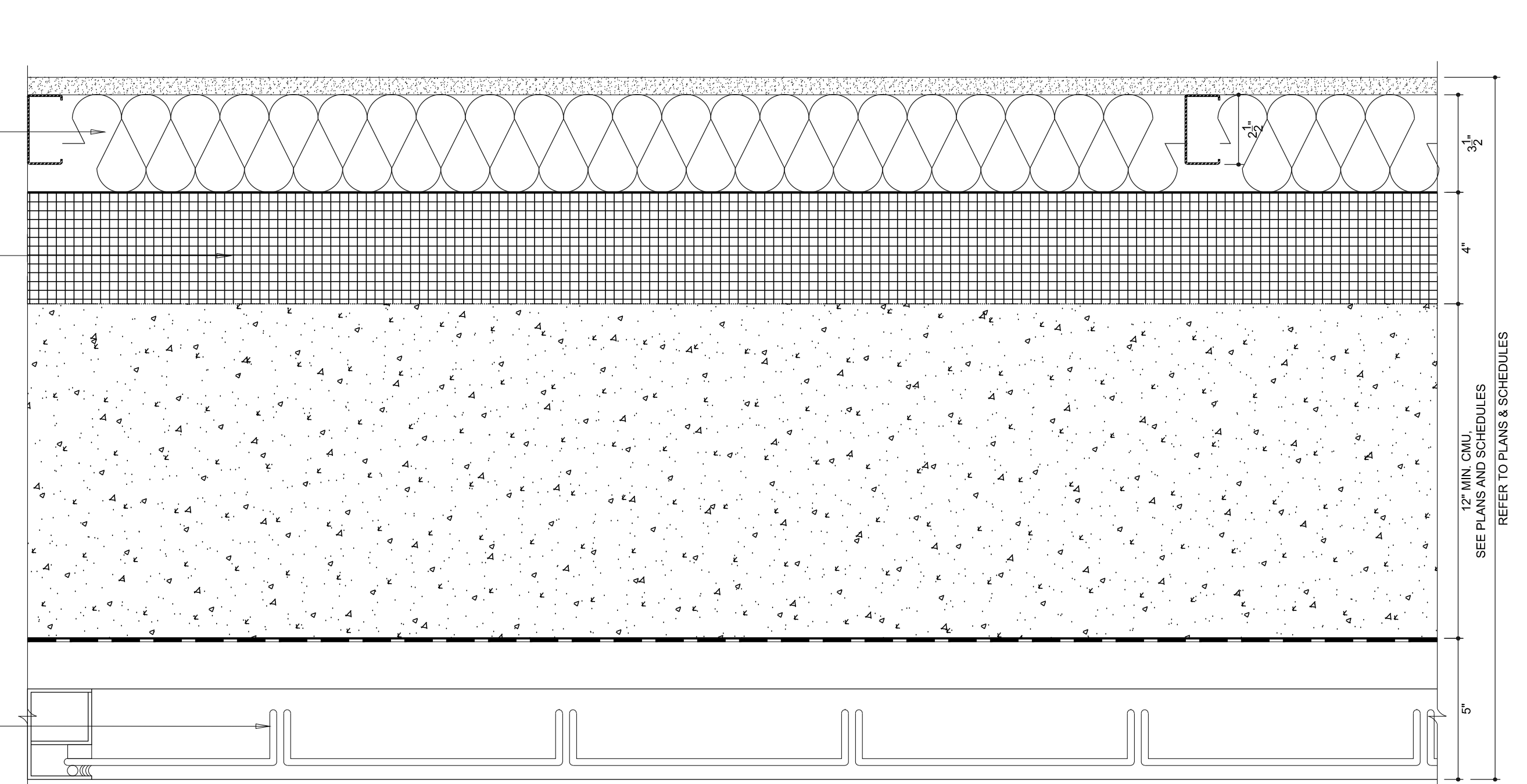
**A** B.1.1 R & NR - LOT LINE CMU WALL WITH BOTH INSULATIONS  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.138  
 2-1/2" MTL STUD WITH  
 (1) 5/8" "X" GYP. BD.  
 GC TO MAINTAIN A 3 1/2" CAVITY BETWEEN  
 GYPSUM BOARD AND RIGID INSULATION FOR  
 3 1/2" BATT INSULATION (R=3.7/IN)= 12.95



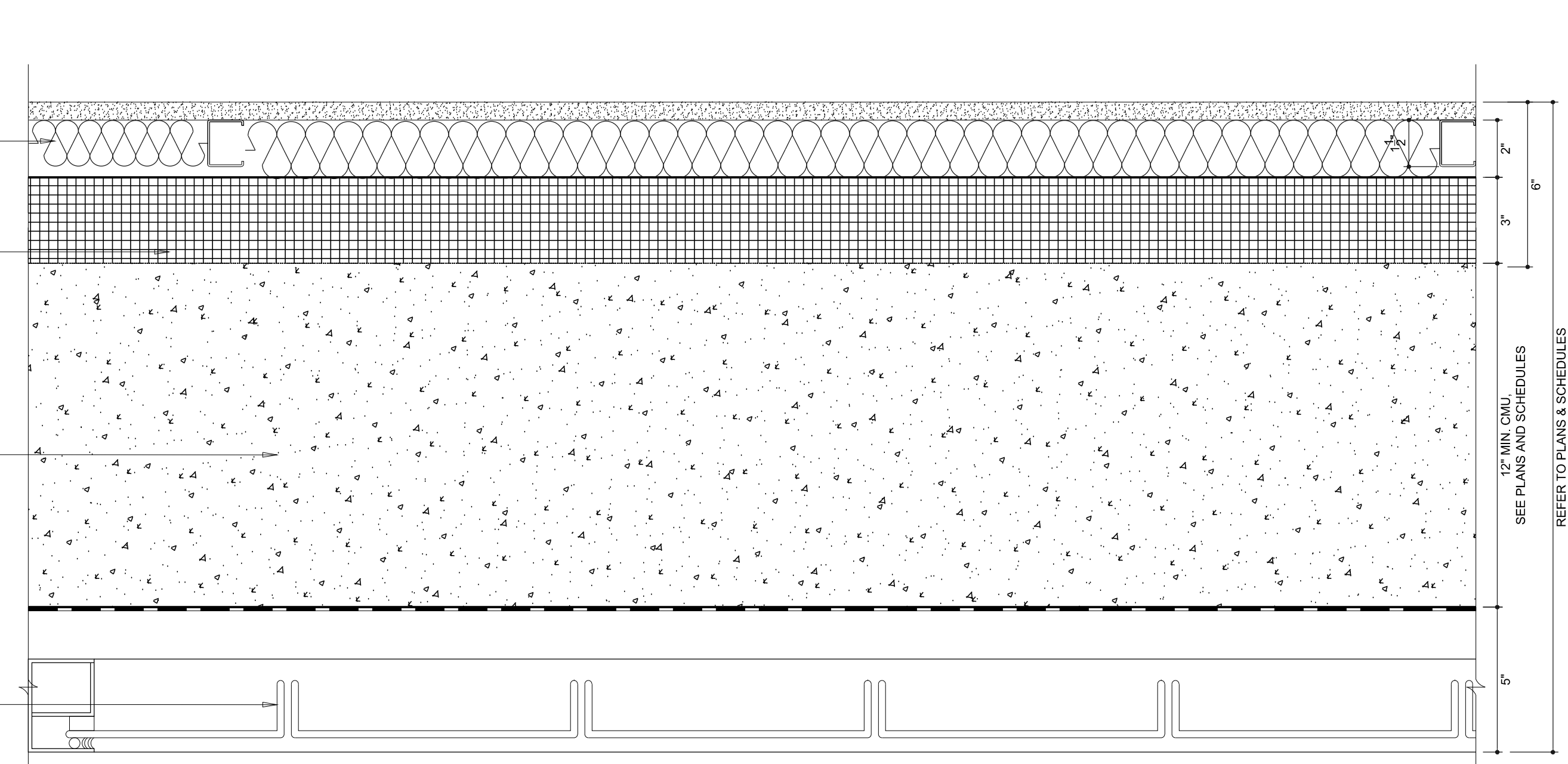
**L** B.2.5 R & NR - GLASS CHANNEL OVER CONCRETE COLUMNS WITH CAVITY INSULATION  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.042  
 2-1/2" MTL STUD WITH  
 (1) 5/8" "X" GYP. BD.  
 GC TO MAINTAIN A 3 1/2" CAVITY BETWEEN  
 GYPSUM BOARD AND RIGID INSULATION FOR  
 3 1/2" BATT INSULATION (R=3.7/IN)= 12.95  
 4" SEMI-RIGID CONTINUOUS  
 MINERAL WOOL INSULATION,  
 (R=4.2/IN)= 16.8



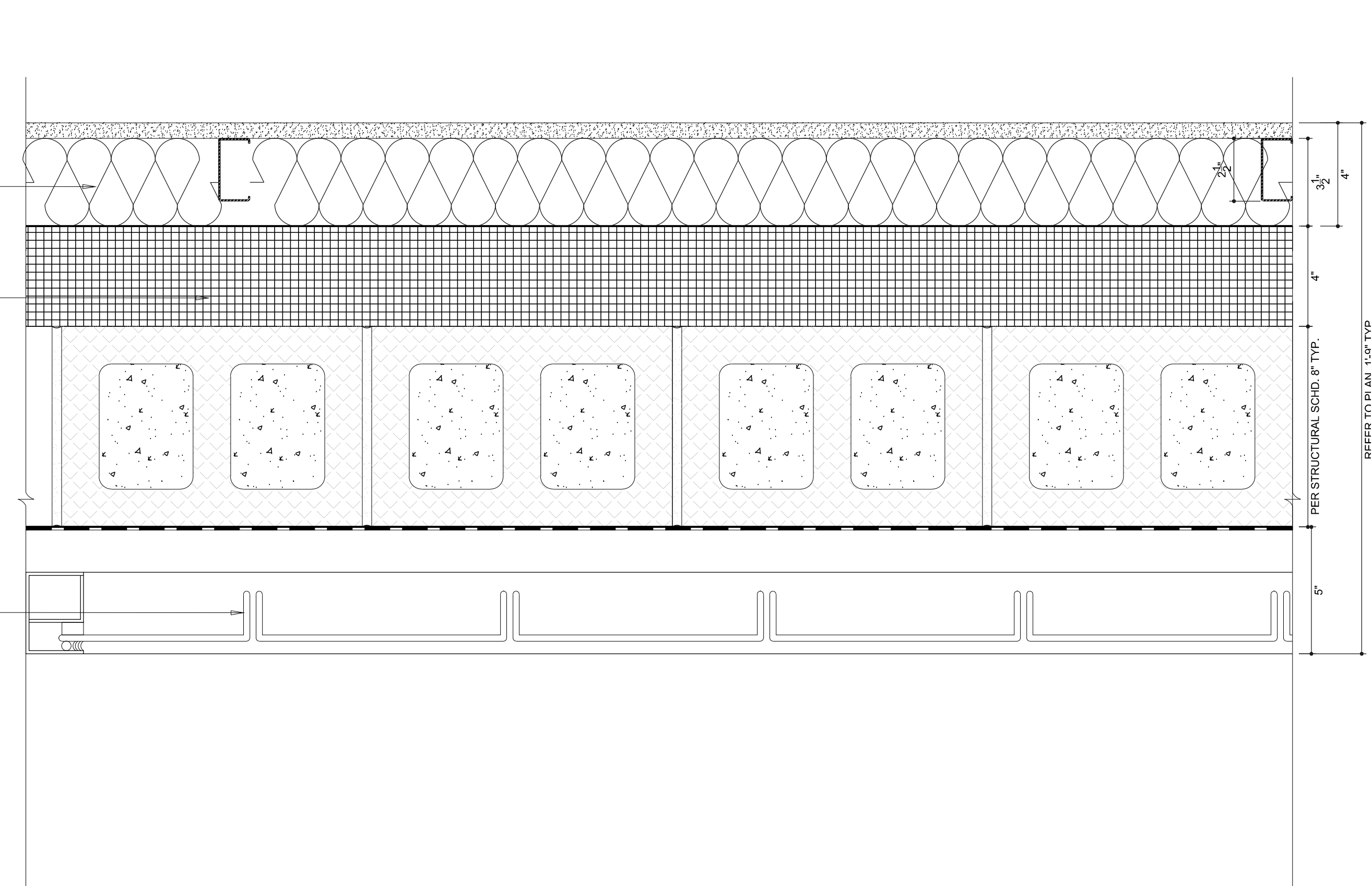
**K** B.2.4 R - GLASS CHANNEL OVER CONCRETE WITH BOTH INSULATIONS (LOW CONTINUOUS INSULATION)  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.056  
 1 1/2" MTL STUD WITH  
 (1) 5/8" "X" GYP. BD.  
 GC TO MAINTAIN A 2" CAVITY BETWEEN  
 GYPSUM BOARD AND RIGID INSULATION FOR  
 2" BATT INSULATION (R=3.7/IN)= 7.4  
 3" SEMI-RIGID CONTINUOUS MINERAL  
 WOOL INSULATION (R=4.2/IN)= 12.6



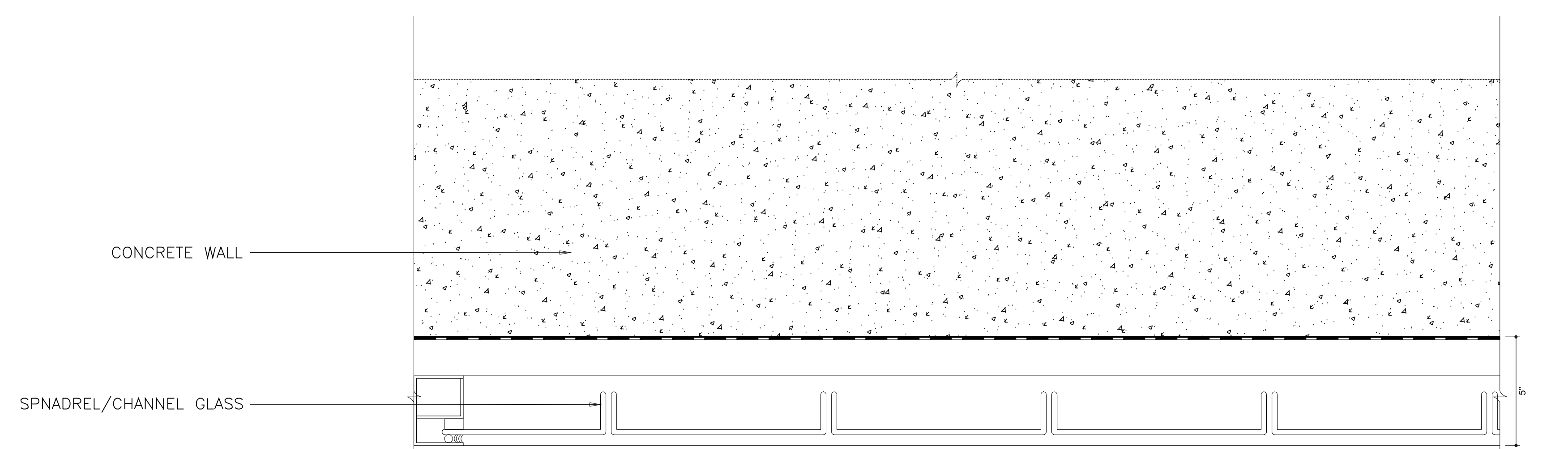
**J** B.2.3 R - GLASS CHANNEL OVER CONCRETE WITH CONTINUOUS INSULATION  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.041  
 2-1/2" MTL STUD WITH  
 (1) 5/8" "X" GYP. BD.  
 GC TO MAINTAIN A 3 1/2" CAVITY BETWEEN  
 GYPSUM BOARD AND RIGID INSULATION FOR  
 3 1/2" BATT INSULATION (R=3.7/IN)= 12.95  
 4" SEMI-RIGID CONTINUOUS  
 MINERAL WOOL INSULATION,  
 (R=4.2/IN)= 16.8



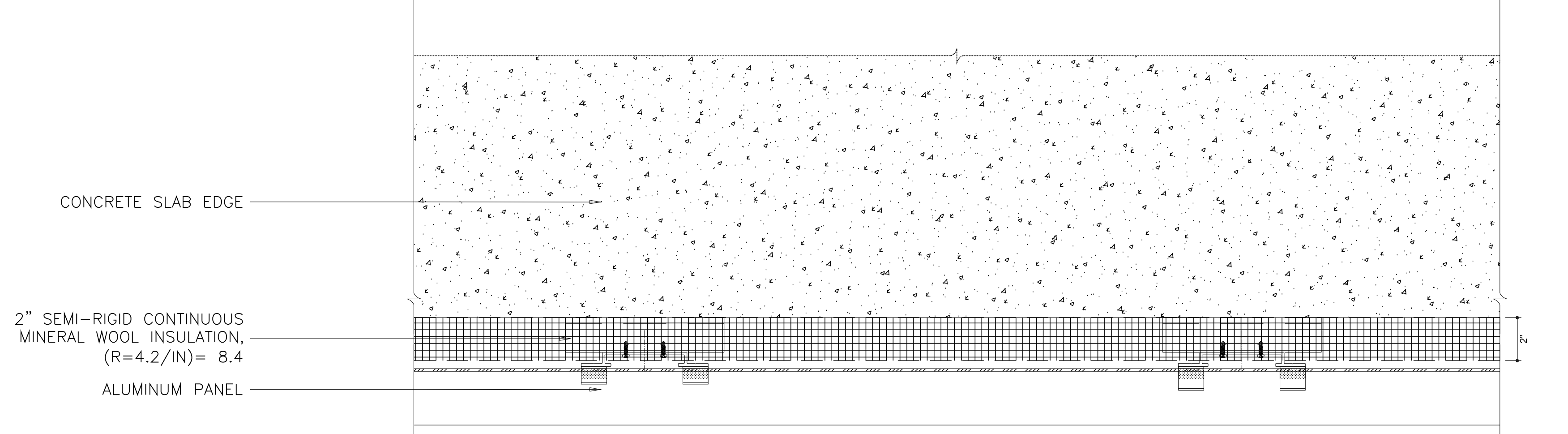
**I** B.2.2 R & NR - GLASS CHANNEL OVER CMU WALL WITH BOTH INSULATIONS  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.630

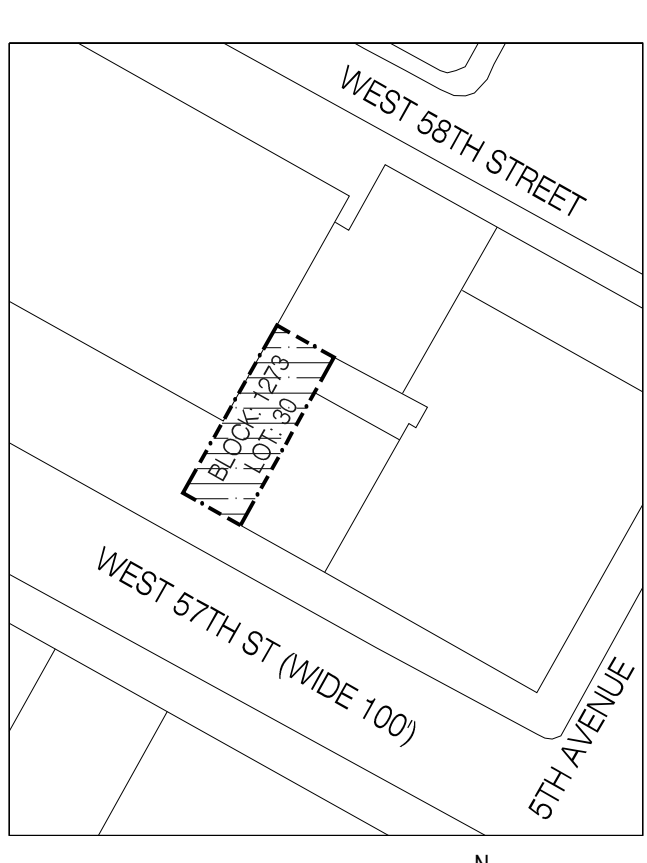


**H** B.2.1 NR - SPANDREL/CHANNEL GLASS OVER CONCRETE SLAB EDGE  
 SCALE: 3/4"=1'-0"

U FACTOR = 0.096



**G** B.2.1 R - ALUMINUM COVER OVER SLAB EDGE & CONTINUOUS INSULATION  
 SCALE: 3/4"=1'-0"



**KEY PLAN**

**NOTES:**

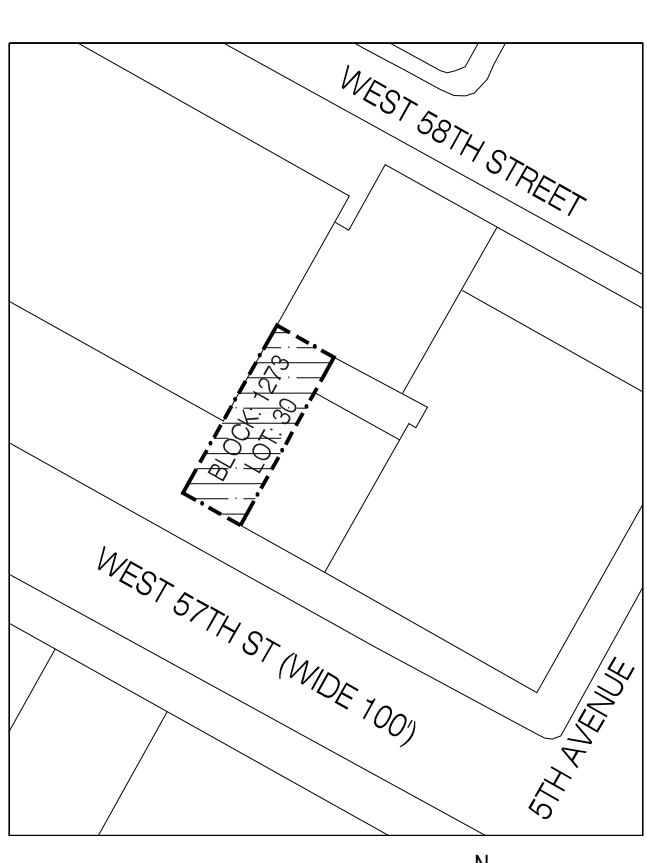
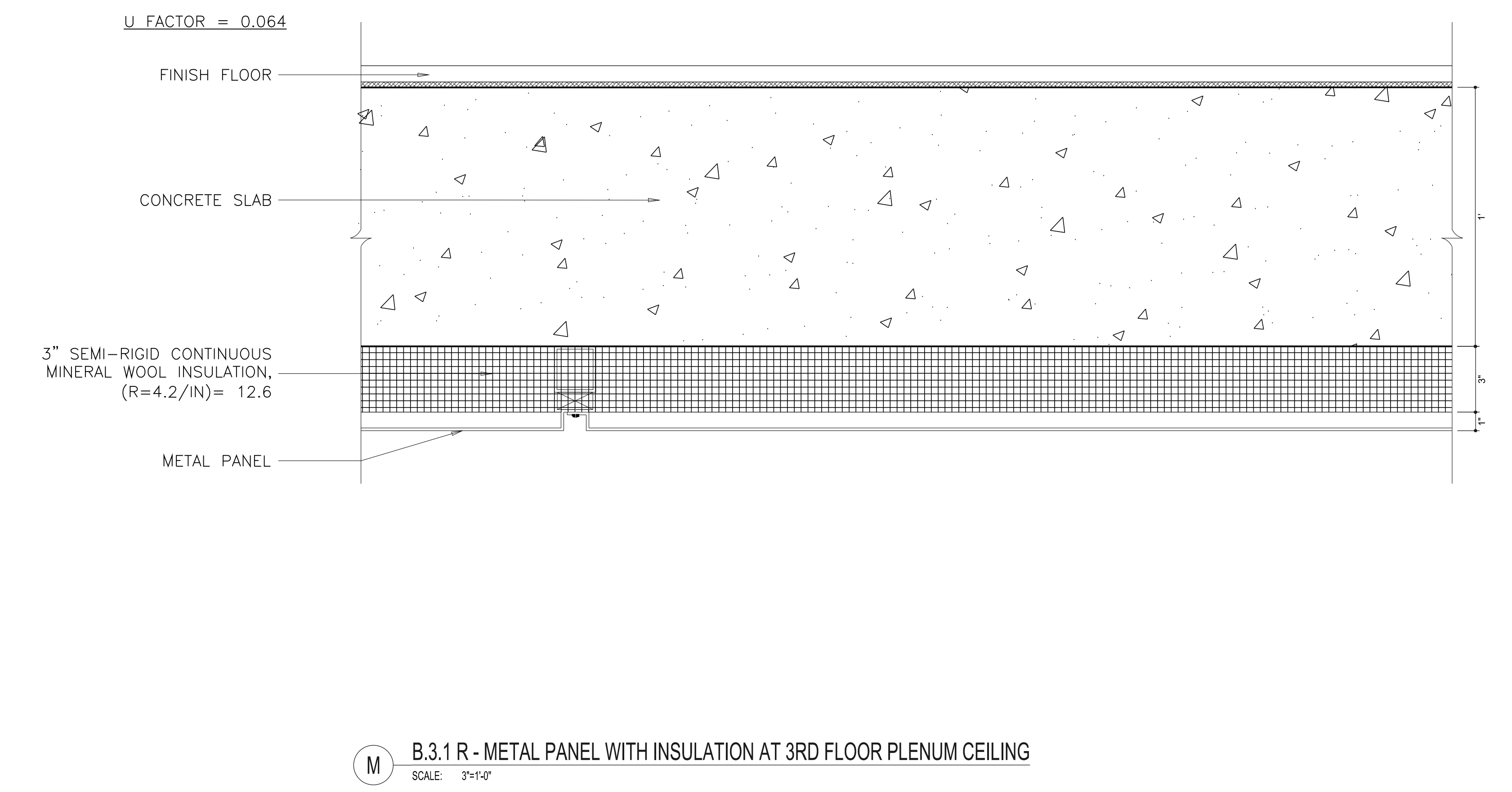
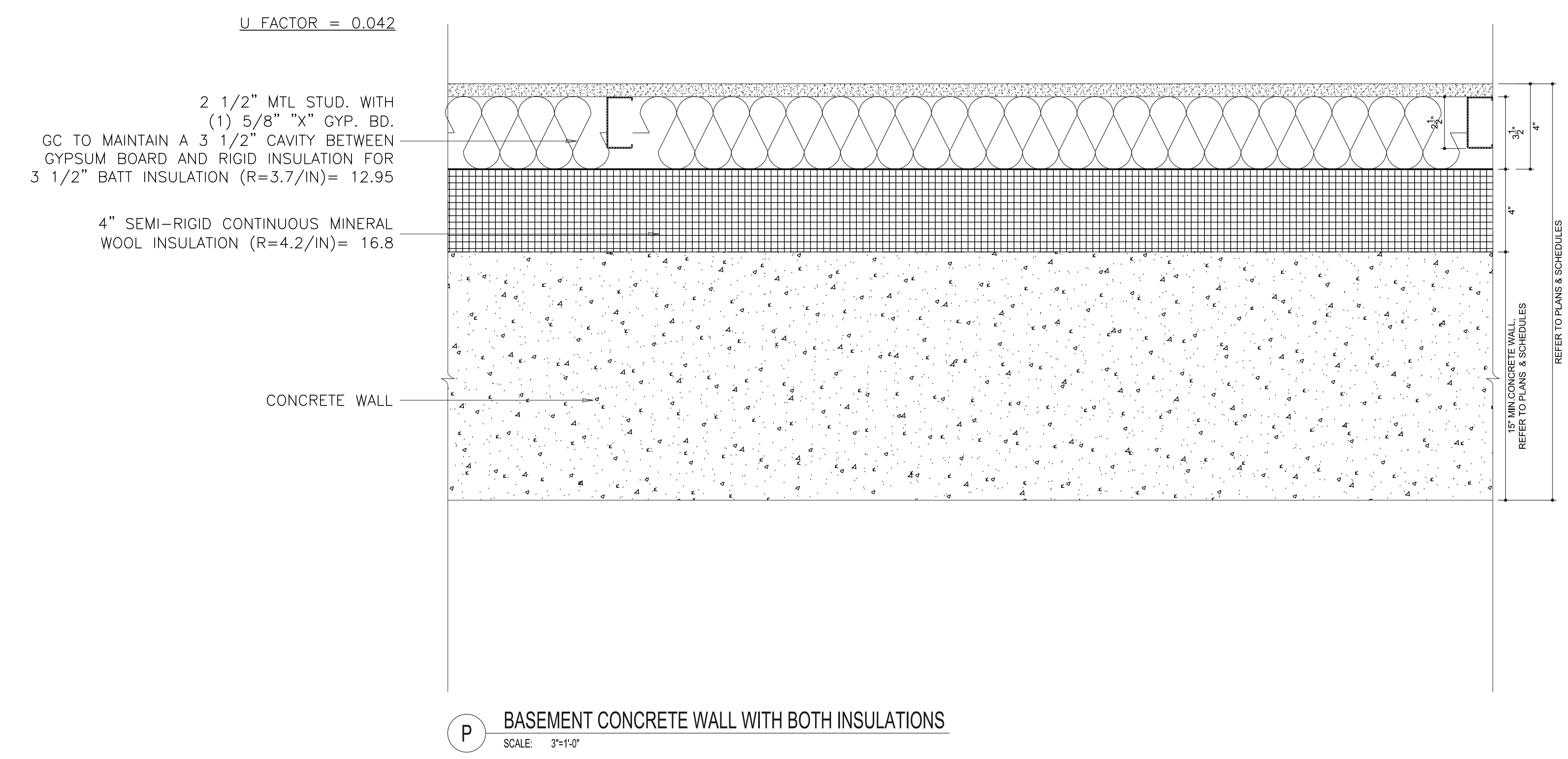
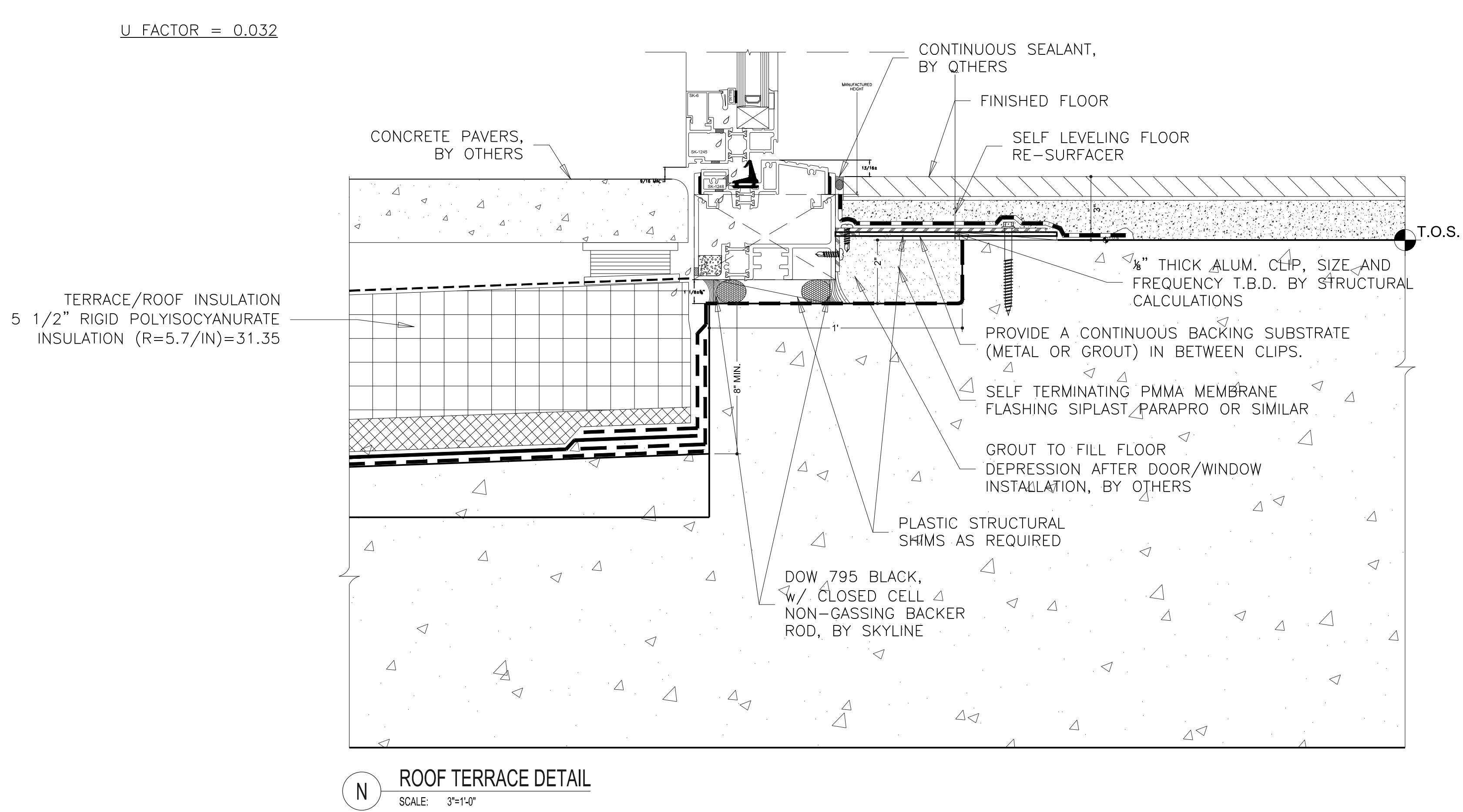
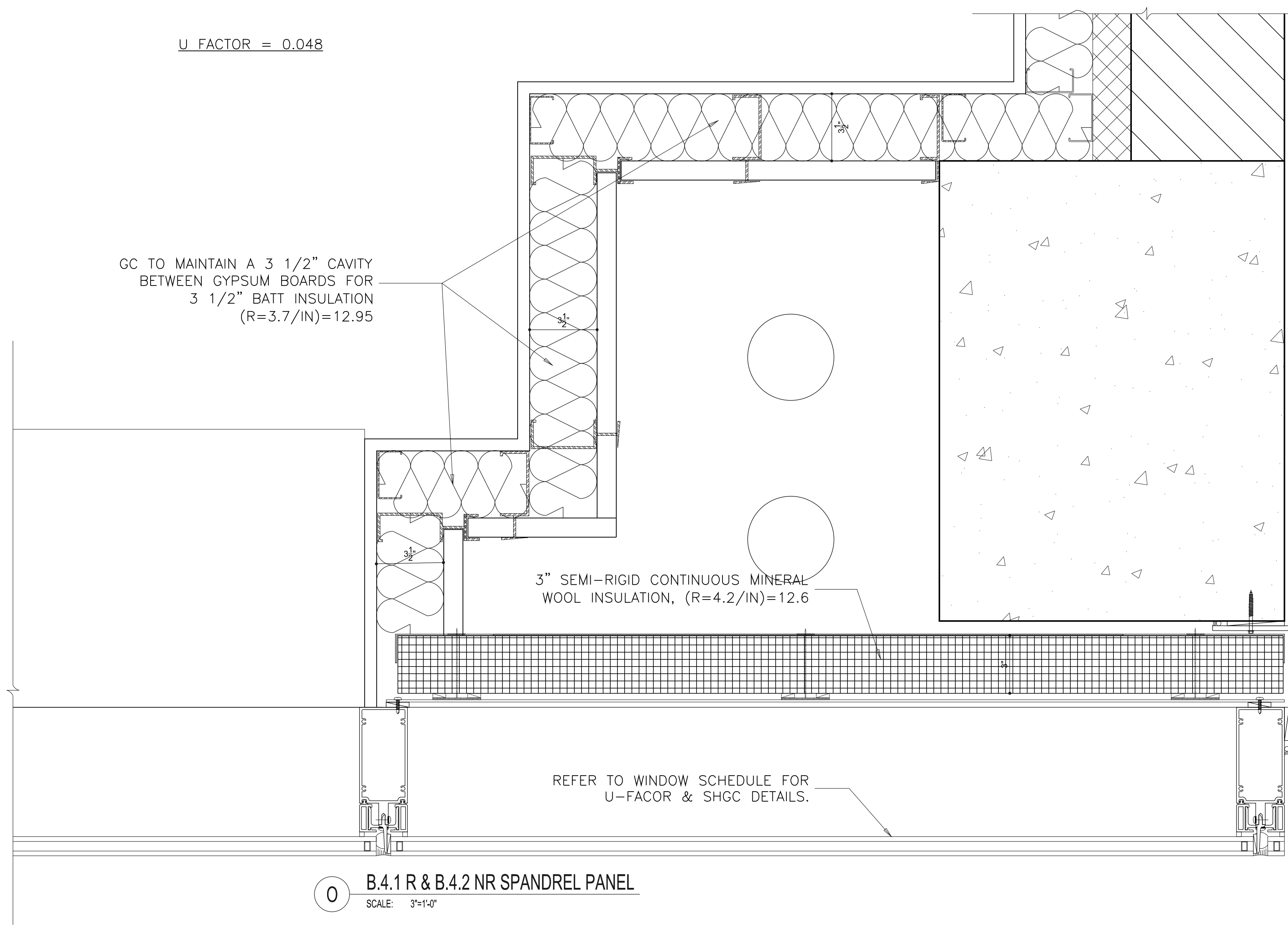
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13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	80% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number:	Date:	Revision:
Project:		
7 WEST 57TH STREET NEW YORK, NY 10019		
Client:		
<b>SOLO9W57</b> SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019		
Architect:		
<b>HILL   WEST</b> ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212.213.8007		
Interior Designer:		
<b>Whitehall INTERIORS</b> 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007		
Structural Engineer:		
<b>WSP   PARSONS BRINCKERHOFF</b> ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888		
MEP/FE Engineer:		
<b>COSENTINI ASSOCIATES</b> TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600		
Building Envelope Consultant:		
<b>VIDARIS</b> 380 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389		

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**EXTERIOR DETAILS**

SEAL & SIGNATURE: 	DATE: 05/26/2017
PROJECT # 16A110	SCALE: 3" = 1'-0"
<b>A-578.00</b>	DWG NO.
NB#121191441	



**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number:	Date:	Revision:
Project:	7 WEST 57TH STREET NEW YORK, NY 10019	
Client:	SOLOW57 SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019	
Architect:	HILL   WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212-213-8007	
Interior Designer:	Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007	
Structural Engineer:	WSP   PARSONS BRINCKERHOFF ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888	
MEP/FE Engineer:	COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600	
Building Envelope Consultant:	VDARIS 380 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389	

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**EXTERIOR DETAILS**

SEAL & SIGNATURE: [Architect Seal]  
DATE: 05/26/ 2017  
PROJECT #: 16A10  
SCALE: 3" = 1' - 0"  
**A-579.00**  
DWG NO.  
NB#121191441



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	06/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/12/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number:	Date:	Revision:
Project:	7 WEST 57TH STREET NEW YORK, NY 10019	
Client:	<b>SOLO9W57</b> SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019	
Architect:	<b>HILL   WEST</b> ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212.213.8007	
Interior Designer:	<b>Whitehall INTERIORS</b> 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007	
Structural Engineer:	<b>WSP   PARSONS BRINCKERHOFF</b> ONE PEARL PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-9888	
ME/PEEP Engineer:	<b>COSENTINI ASSOCIATES</b> TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600	
Building Envelope Consultant:	<b>VIDARIS</b> 360 PARK AVENUE SOUTH, 15TH FL. NEW YORK, NY 10010 212-689-5389	

DOB STAMPS & SIGNATURES:

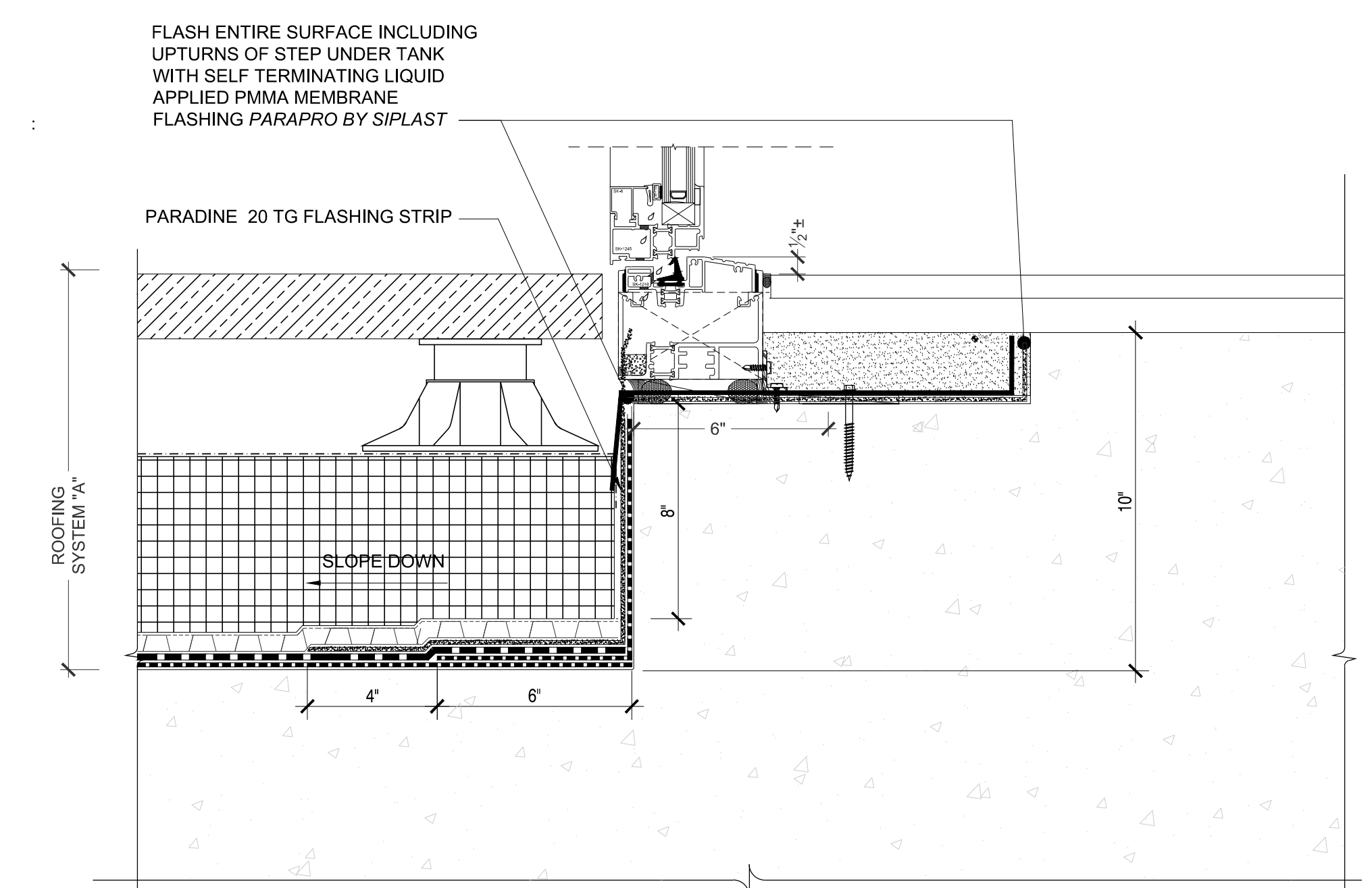
DWG TITLE:

**ROOFING DETAILS**

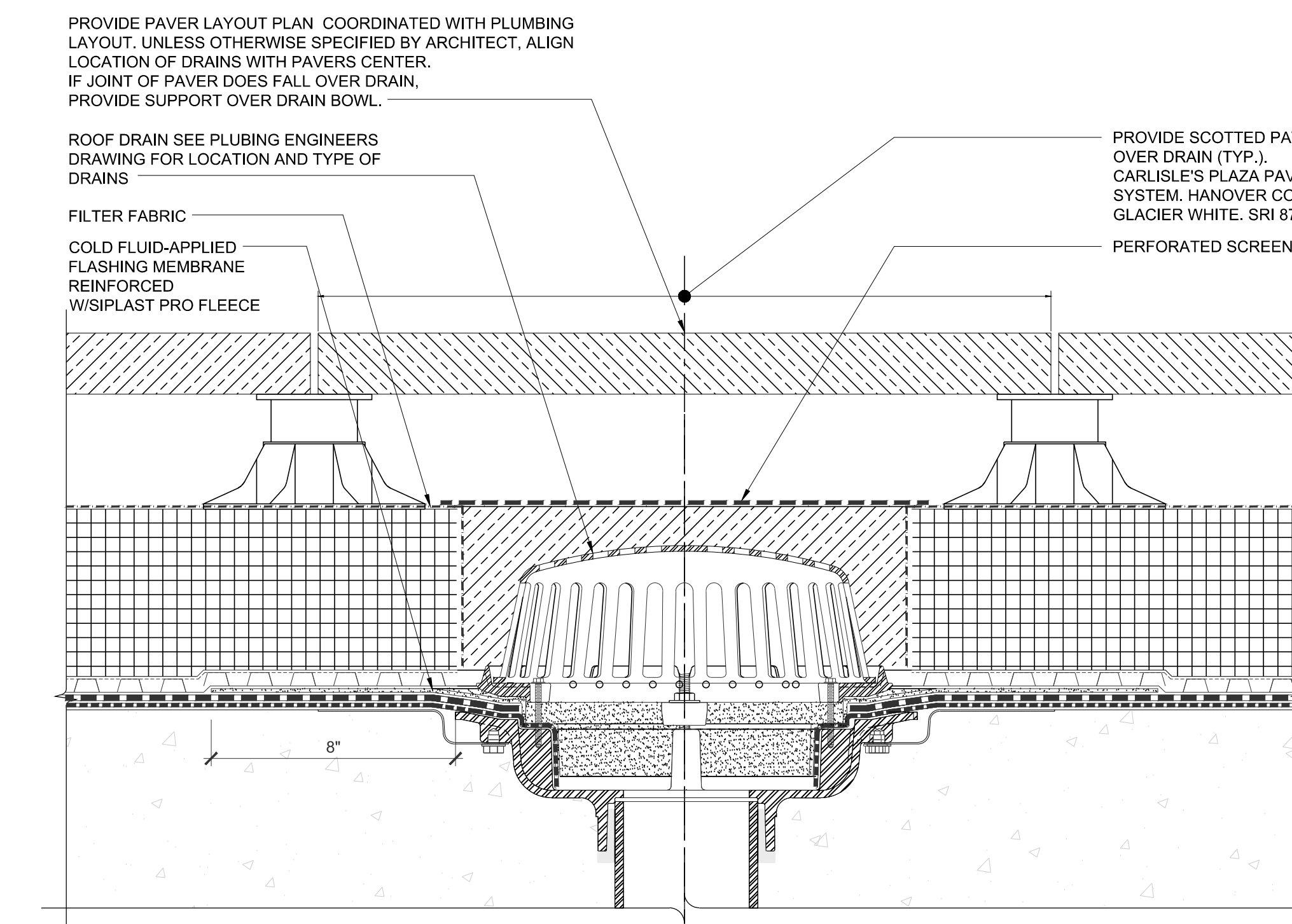
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 PROJECT # 16A10  
 SCALE: 3" = 1' - 0"

**A-580.00**  
 DWG NO.

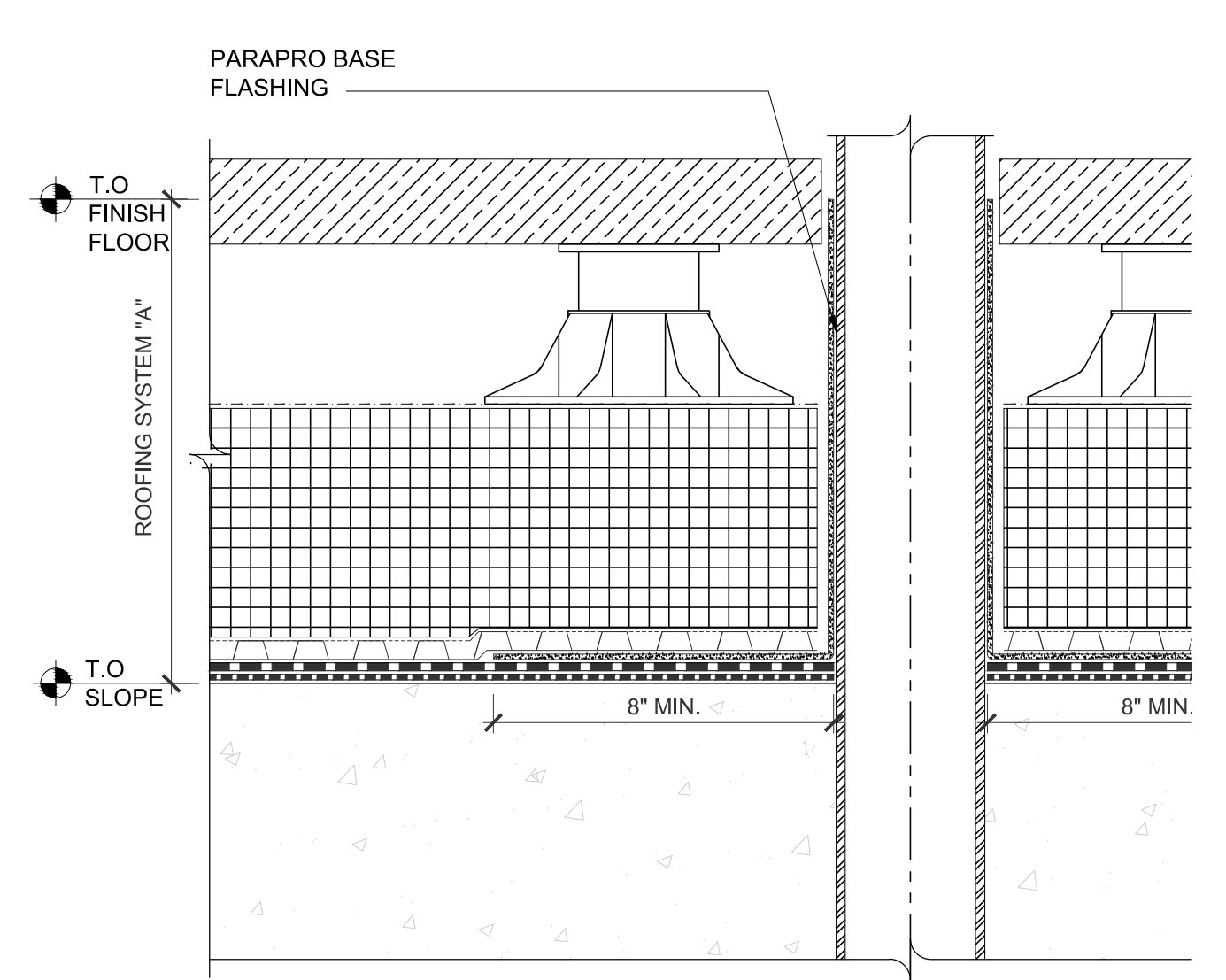
NB#121191441



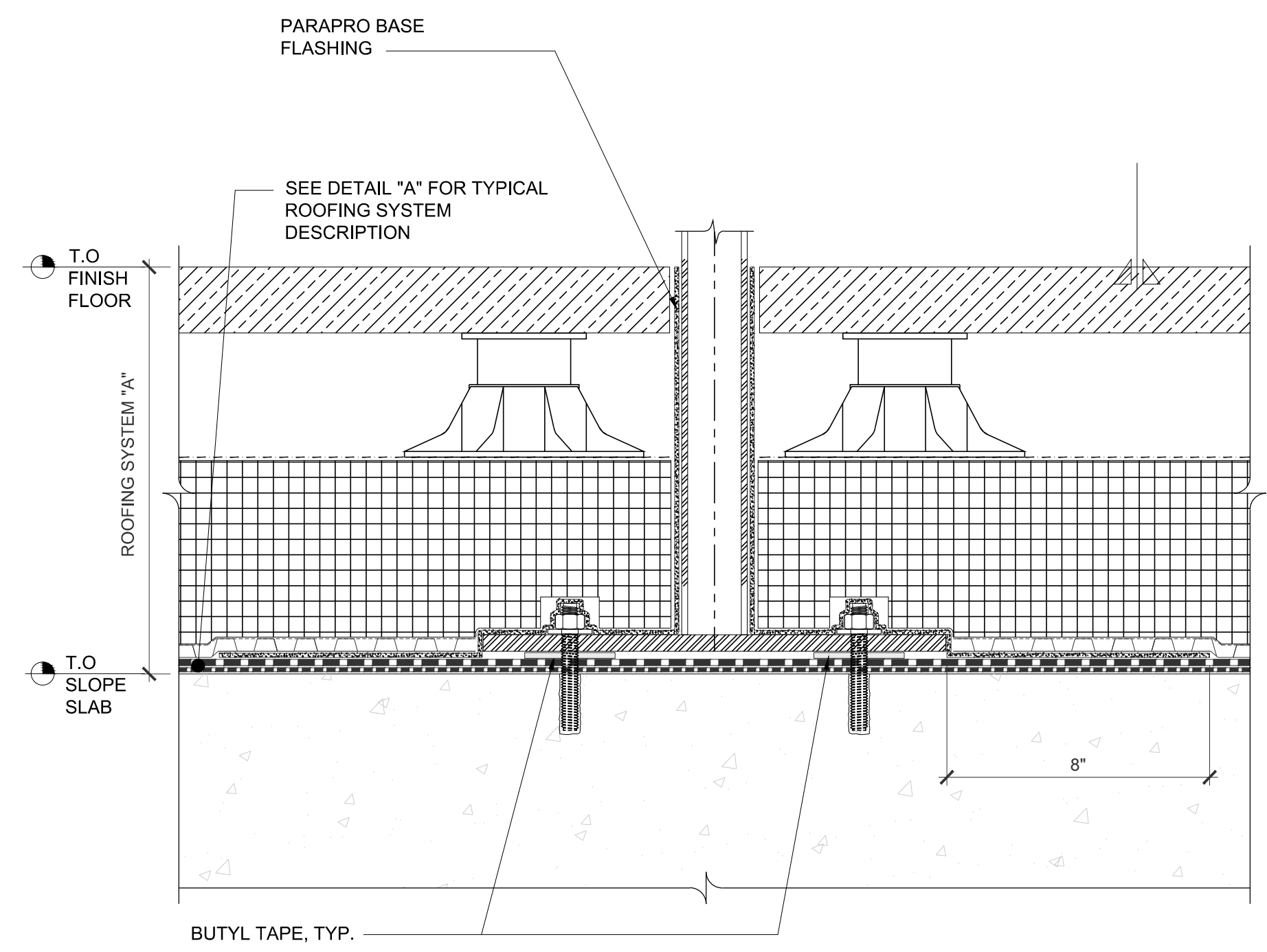
**2 TYP FLASHING DETAIL AT TERRACE DOOR (SWING OUT TO EXTERIOR)**  
 SCALE: 3"=1'-0"



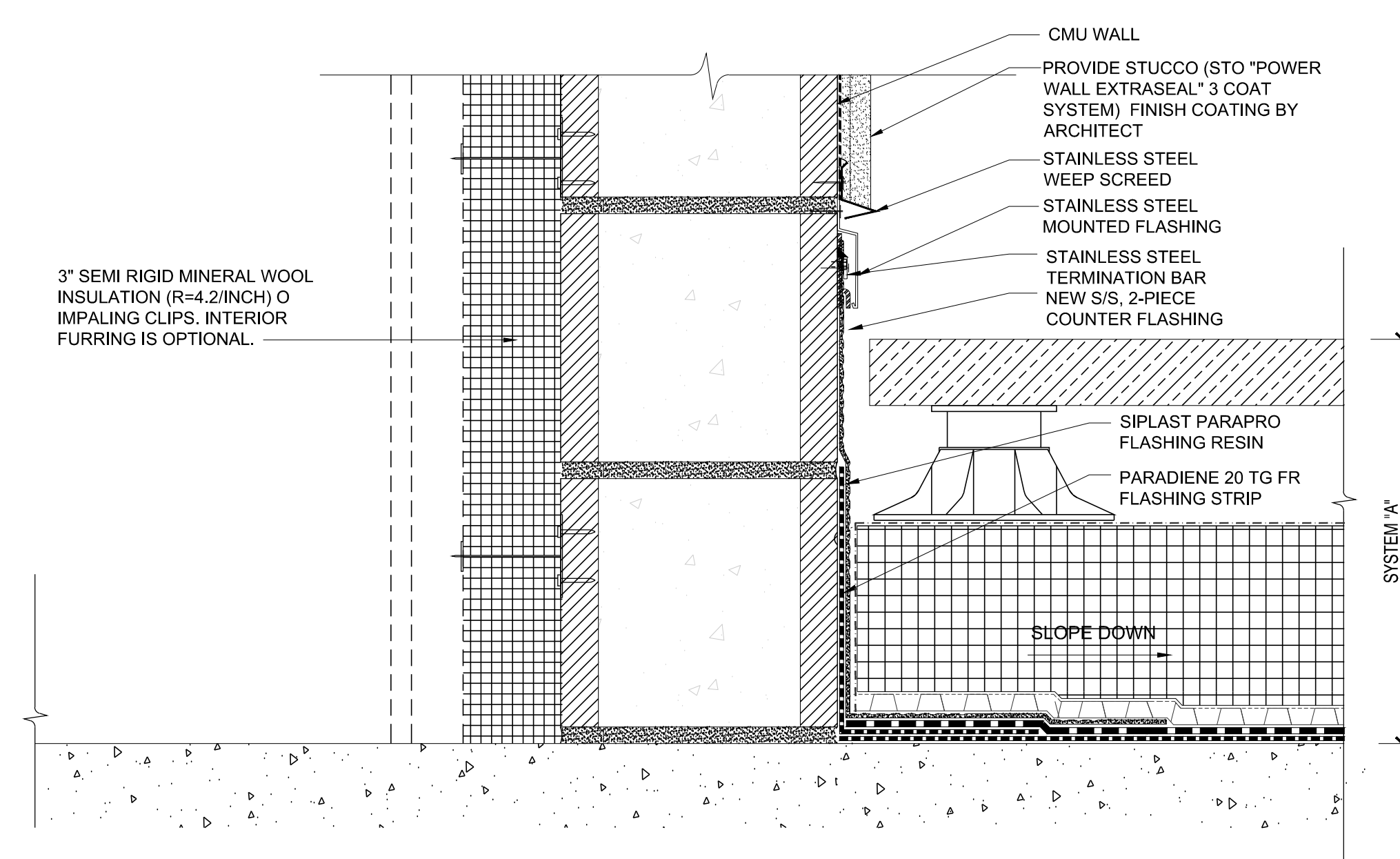
**1 TYP ROOF DRAIN DETAIL**  
 SCALE: 3"=1'-0"



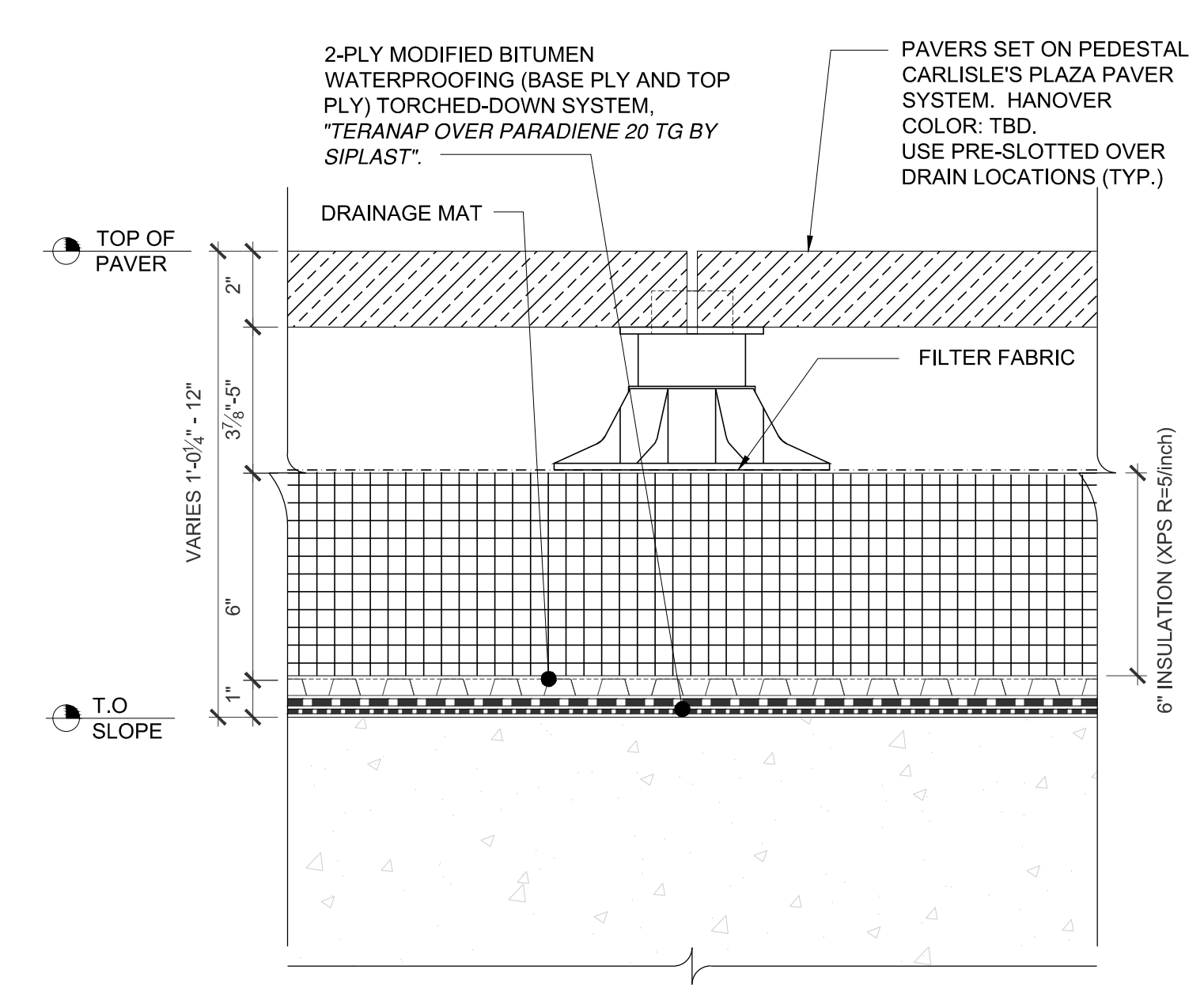
**3 TYPICAL PENETRATION DETAIL (TYPE A)**  
 SCALE: 3



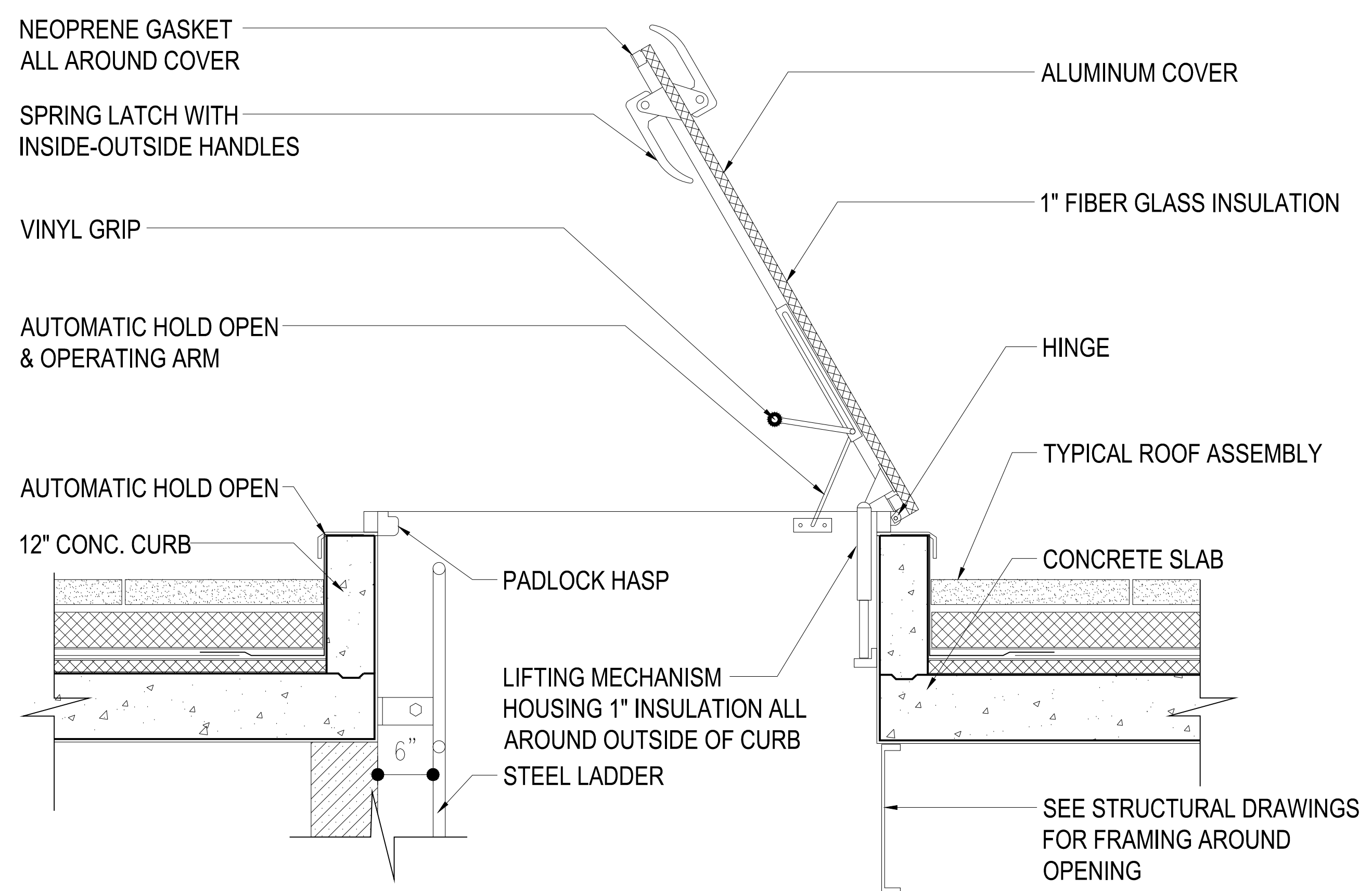
**5 TYP RAILING/POST DETAIL**  
 SCALE: 3"=1'-0"



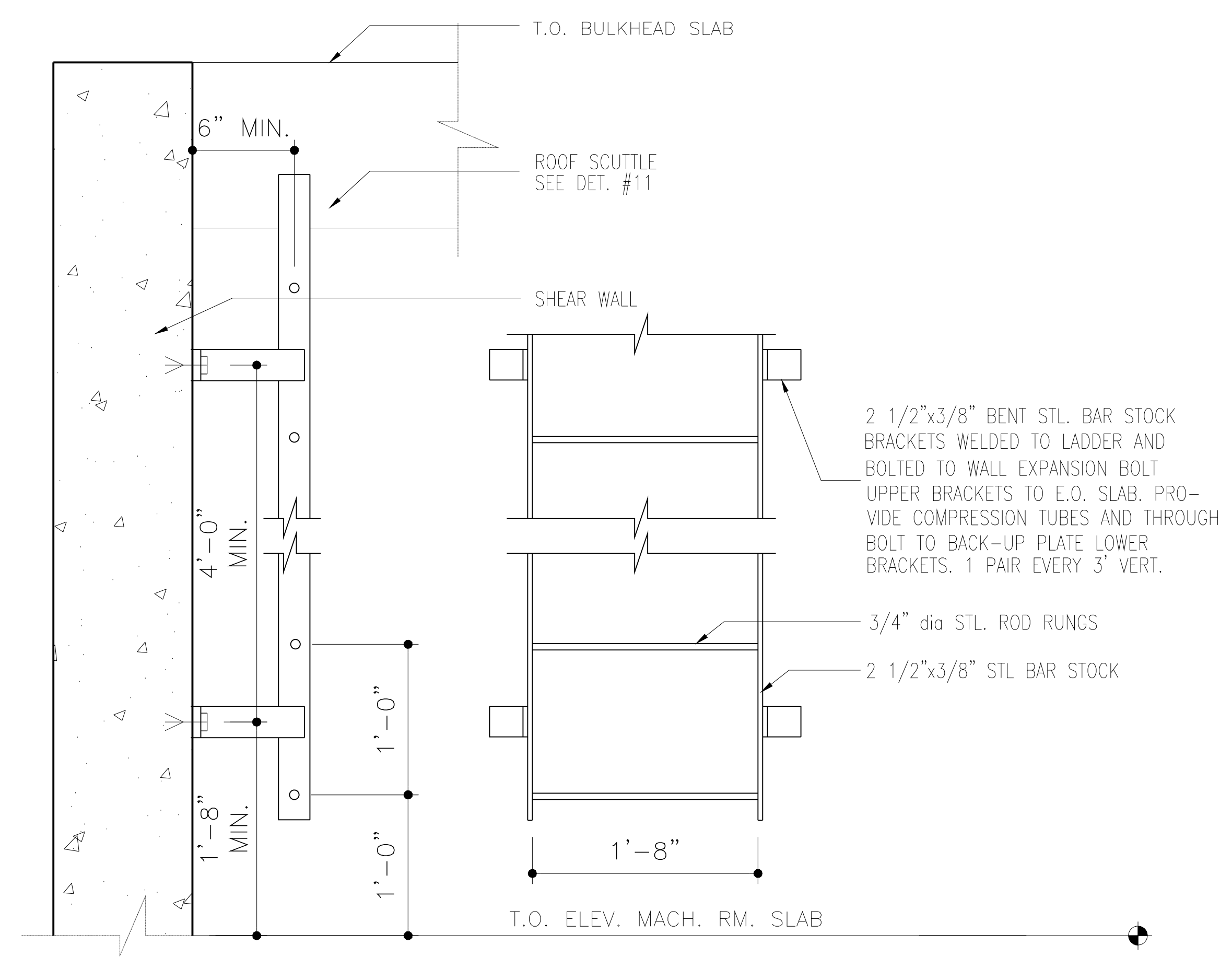
**7 TYPICAL DETAIL AT CMU BULKHEAD FLASHING**  
 SCALE: 3"=1'-0"



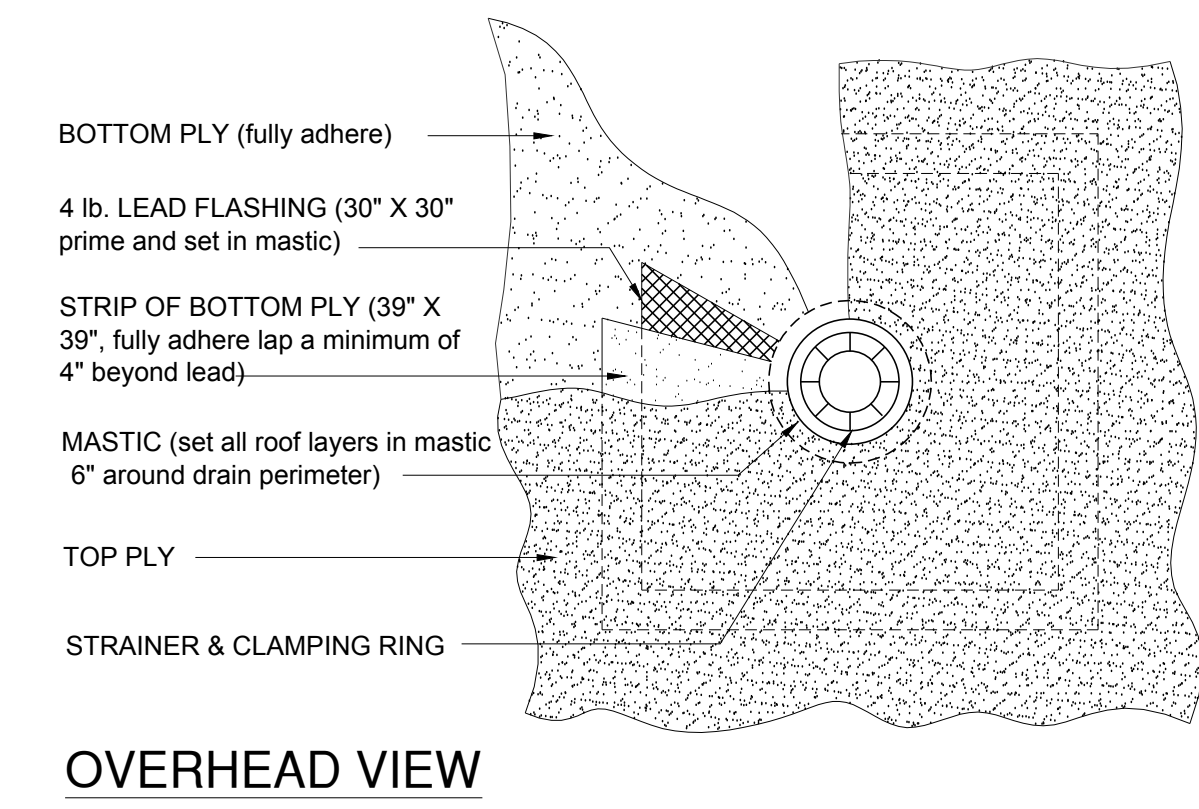
**A TYPICAL TERRACE WATERPROOFING** U FACTOR = 0.039  
 SCALE: 3"=1'-0"



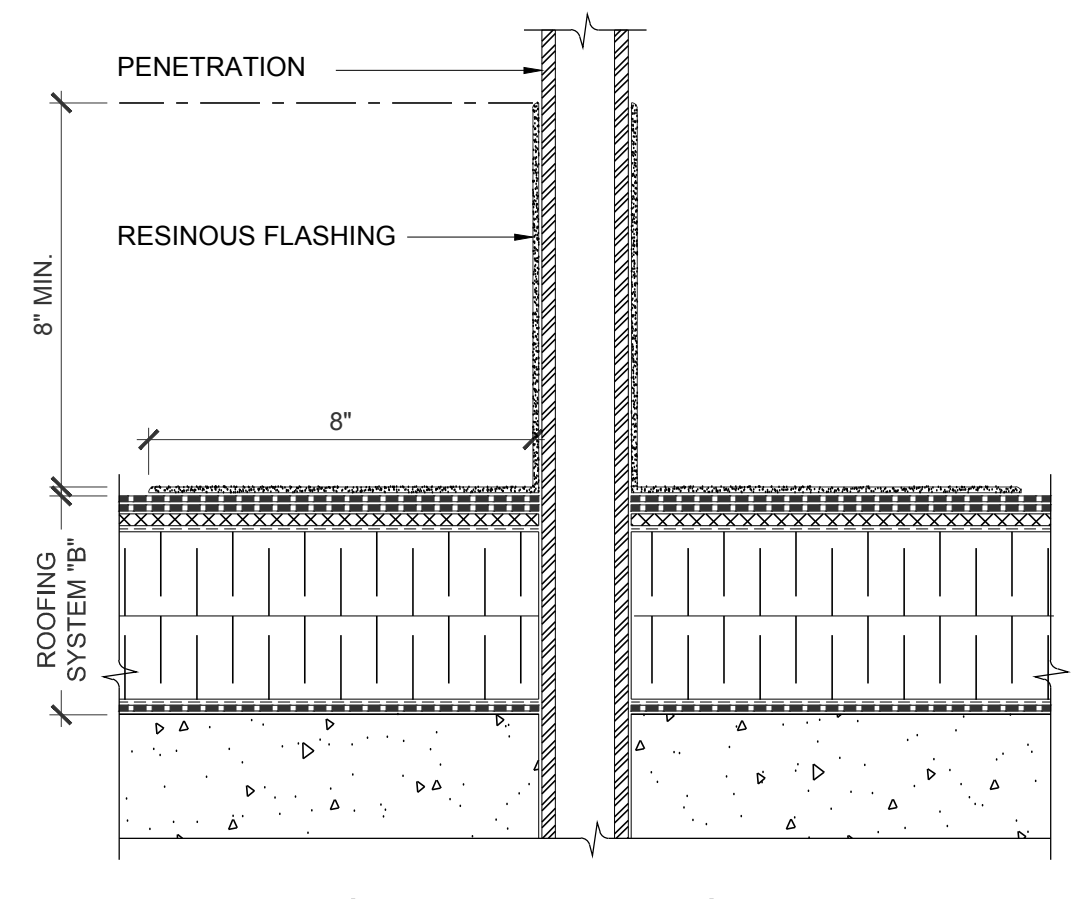
**9 HATCH SECTION**  
N.T.S.



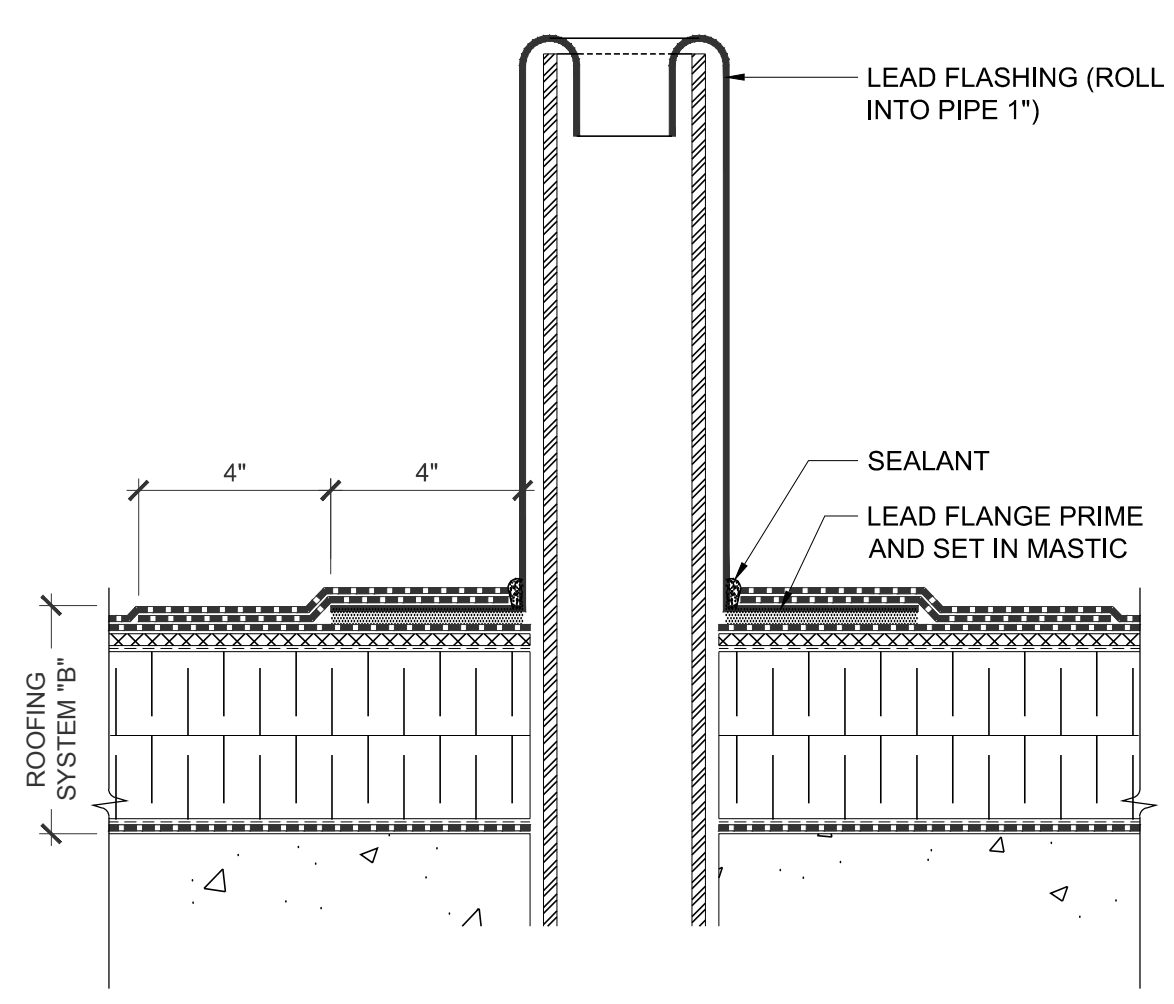
**8 INTERIOR STEEL LADDER**  
N.T.S.



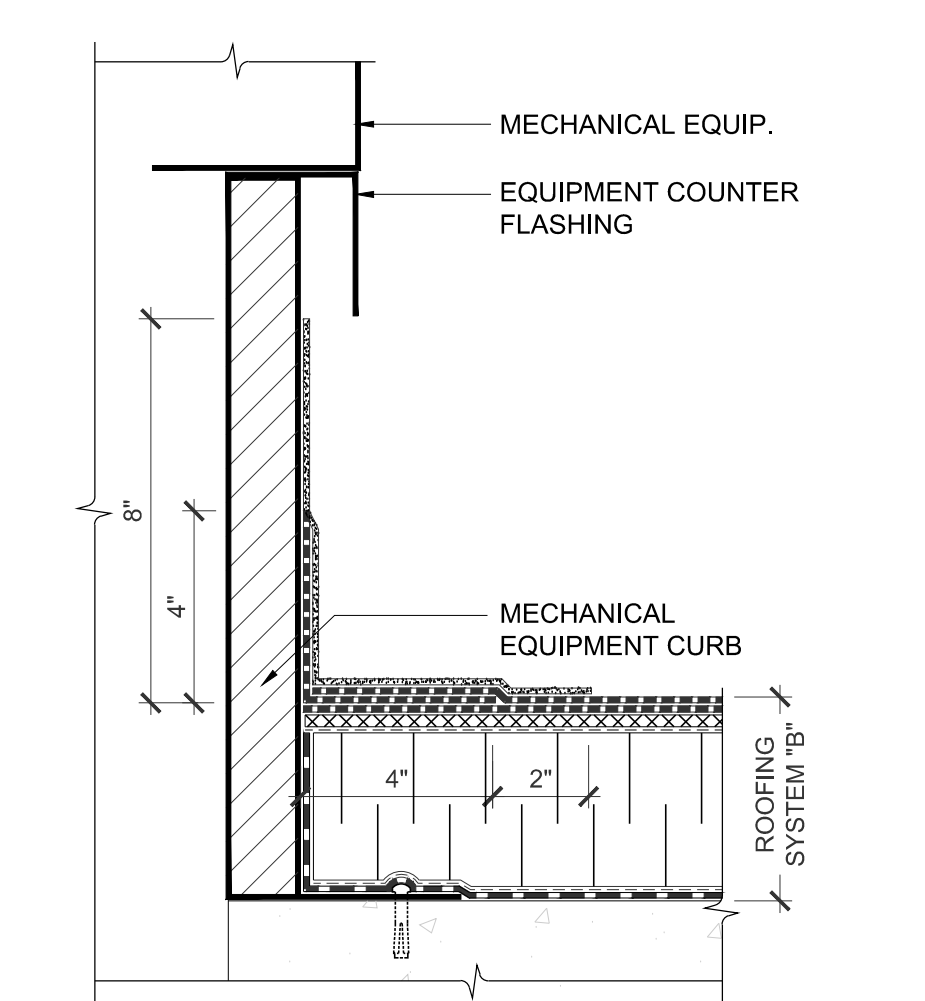
**OVERHEAD VIEW**



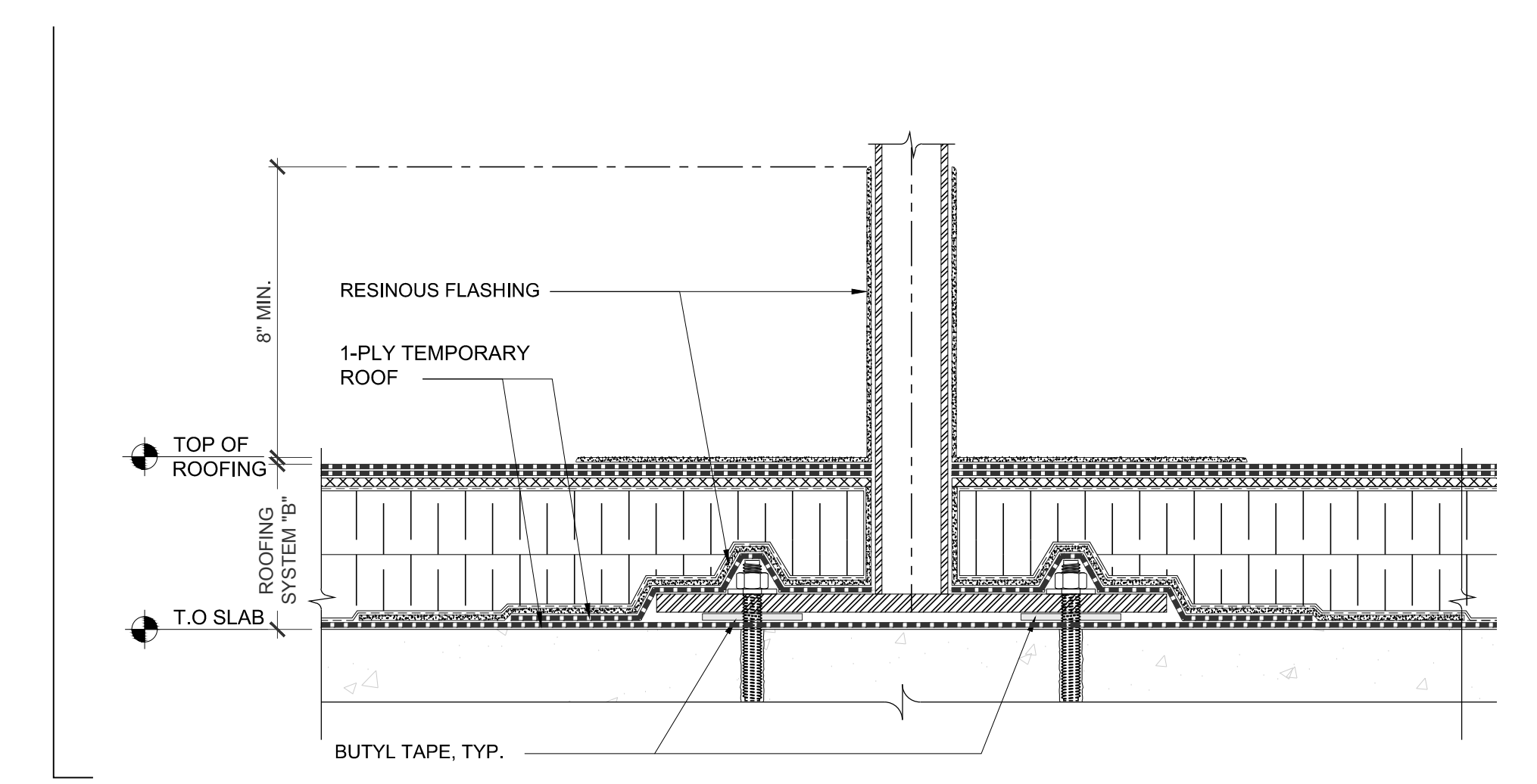
**7 TYPICAL PENETRATION DETAIL**  
SCALE: 3\"/>



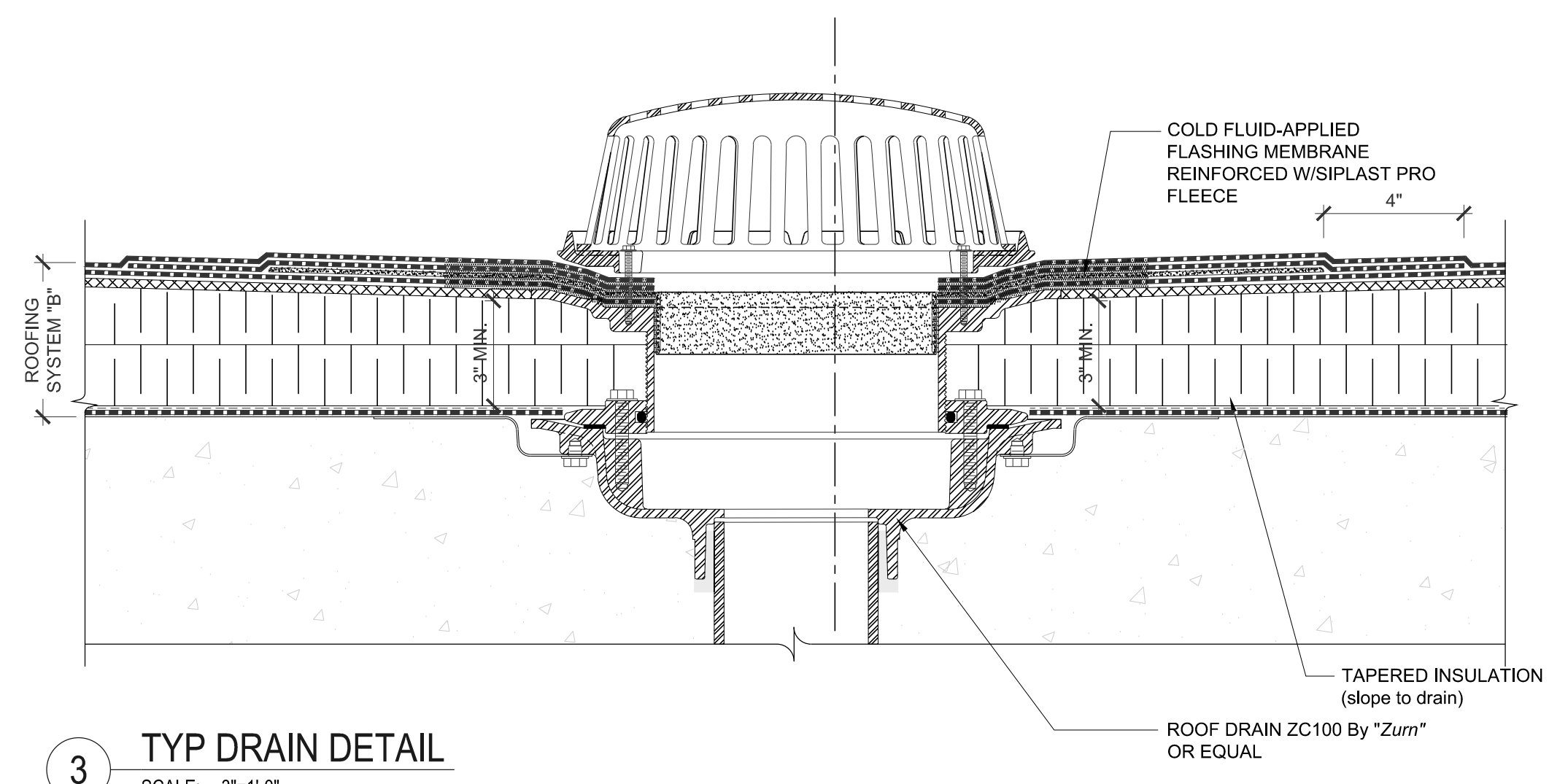
**6 TYP. FLASHING DETAIL AT VENT**  
SCALE: 3\"/>



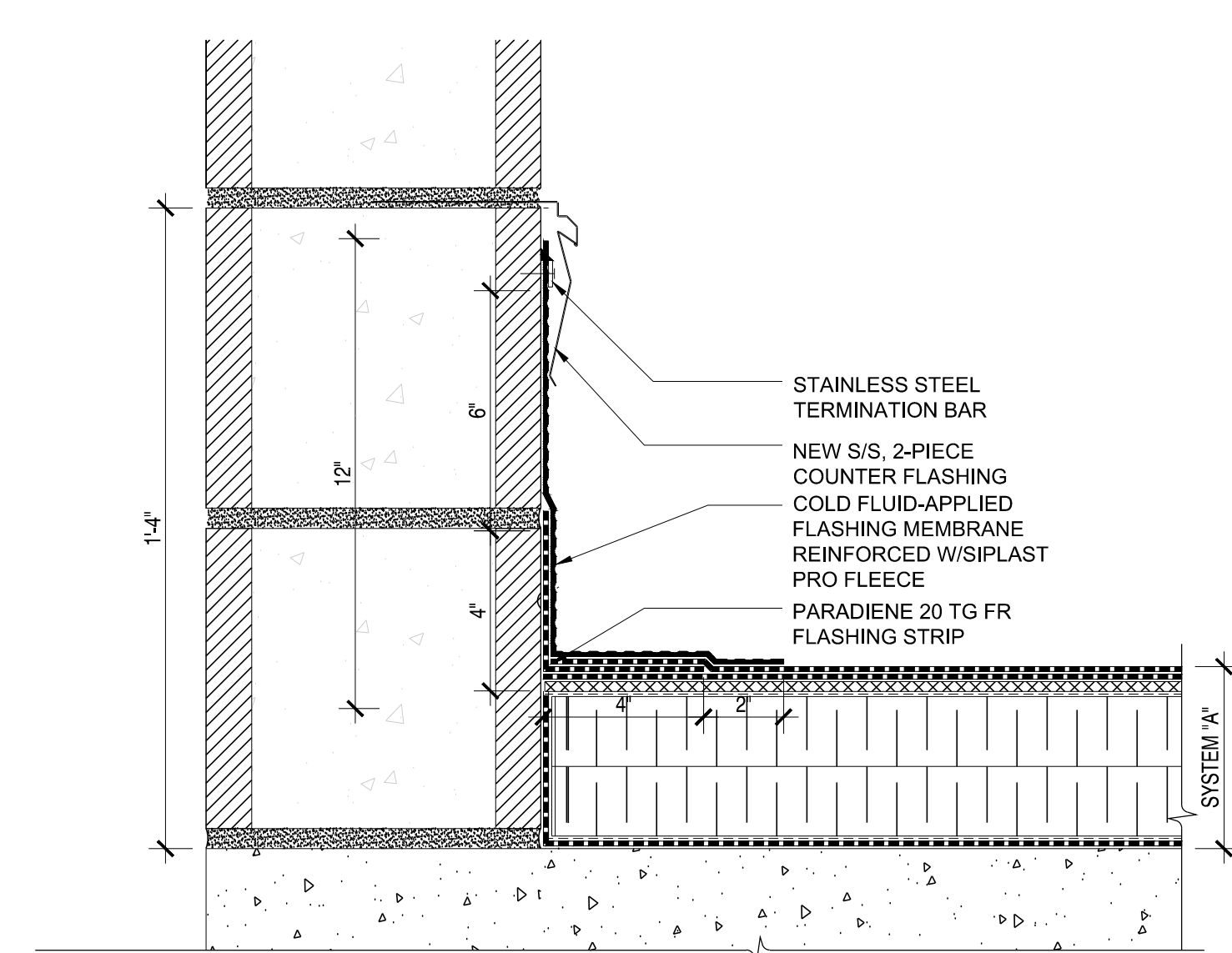
**5 FLASHING DETAIL AT PREFABRICATED EQUIP. OR CURB**  
SCALE: 3\"/>



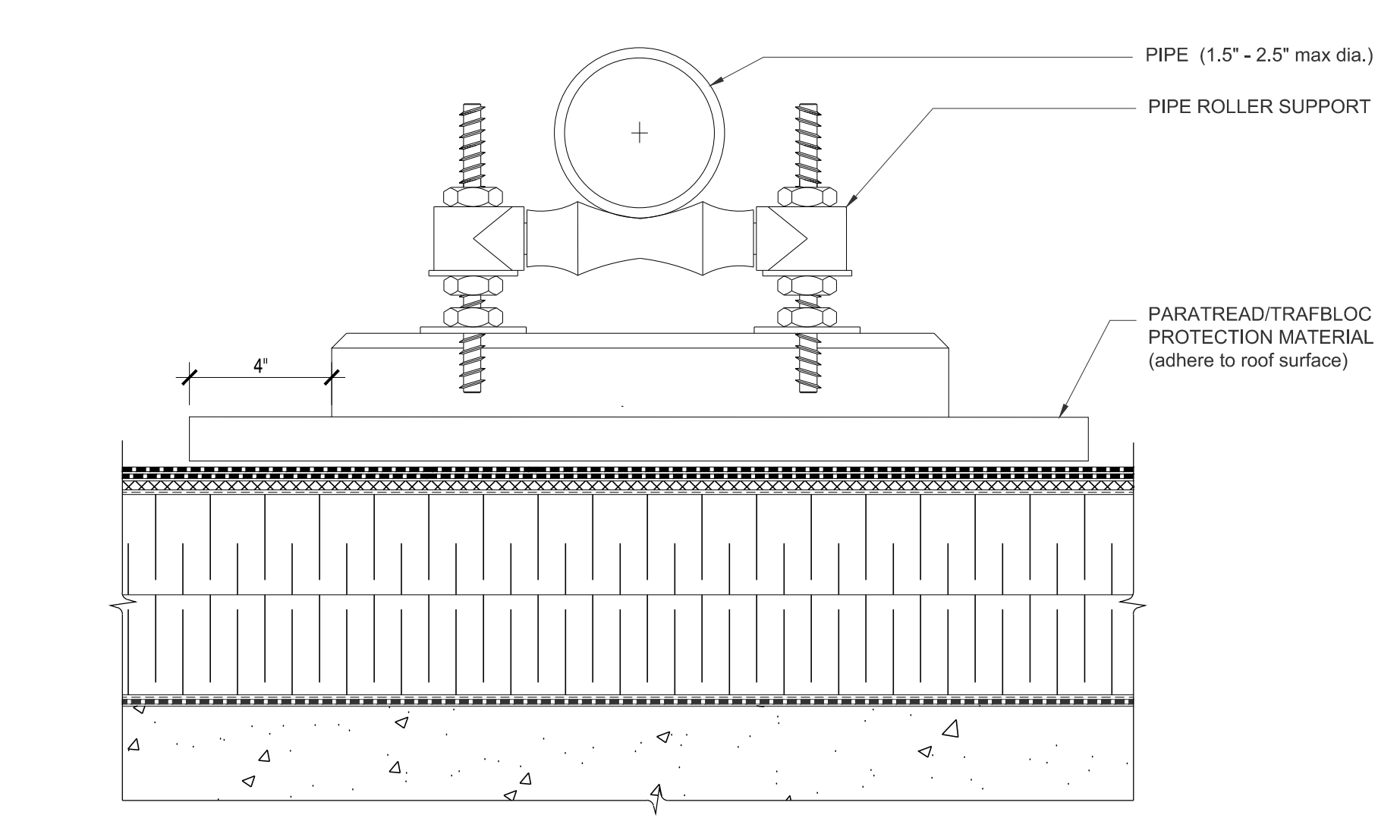
**4 TYP RAILING/POST DETAIL (TYPE A)**  
SCALE: 3\"/>



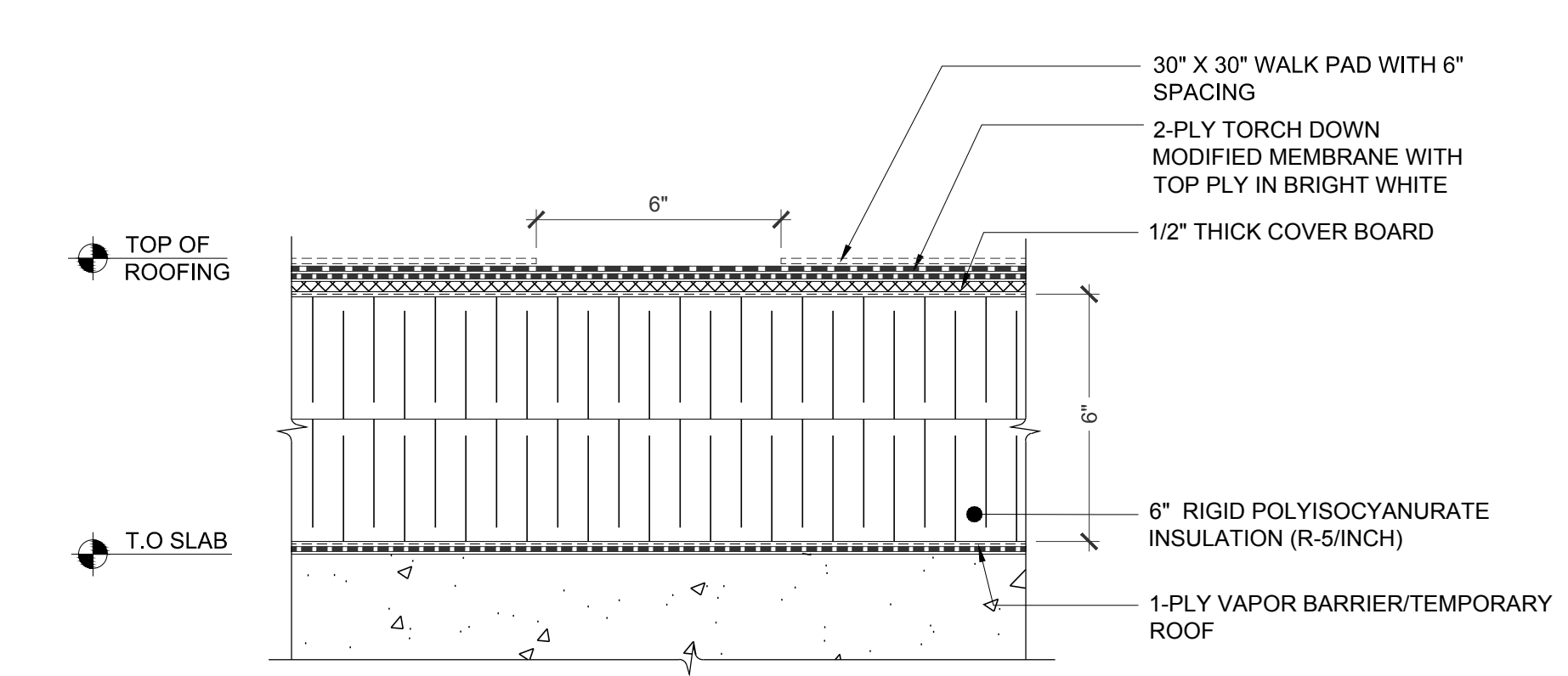
**3 TYP DRAIN DETAIL**  
SCALE: 3\"/>



**2 TYPICAL DETAIL AT CMU PARAPET / ADJ. WALL**  
SCALE: 3\"/>



**1 PIPE SUPPORT DETAIL**  
SCALE: 3\"/>



**B MECHANICAL ROOF SYSTEM U FACTOR = 0.032**  
SCALE: 3\"/>



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION FOUNDATION
11	05/26/2017	100% CD SUBMISSION
10	06/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/12/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:  
**7 WEST 57TH STREET**  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888

MEP/PFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-5600

Building Envelope Consultant:  
**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**ROOFING DETAILS**

SEAL & SIGNATURE:  
**VIDARIS**  
DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: 3" = 1'-0"  
**A-581.00**  
DWG NO.  
NB#121191441

- KITCHEN OUTLETS - RECEPTACLE SWITCHES TO BE 44" ABOVE FINISH FLOOR, U.O.N.
- ALL RECEPTACLES MOUNTED ABOVE THE COUNTER IN THE KITCHEN SHALL BE GFI RECEPTACLES.
- ALL BACK SPLASHES TO SIT ON TOP OF COUNTER TOPS.
- CAULK JOINTS BETWEEN COUNTERTOPS AND BACKSPLASHES/SIDESPLASHES.
- SEE PLAN FOR ORIENTATION OF KITCHENS, TYP.
- SEE INTERIOR DESIGNER DRAWINGS FOR ADDITIONAL INFORMATION.
- SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION.
- SEE REFLECTED CEILINGS FOR ALL LIGHT LOCATIONS.
- PRIOR TO INSTALLATION, CONTRACTOR TO VERIFY THAT ALL CABINETS, DRAWERS AND APPLIANCE DOORS OPEN FOR CLEANING.
- ALL FASTENERS SHOULD BE SUNKEN, PLUGGED AND UNIFORMLY SPACED.
- ALL VISIBLE PORTIONS OF CABINETS TO HAVE FINISHED ENDS/FACES.
- PROVIDE BLOCK/GROUNDS SUPPORT IN PARTITIONS AS REQUIRED.

LEGEND	
	OUTLET - ELEVATION
	OUTLET - PLAN
	GROUND FAULT CIRCUIT INTERRUPTER
	PHONE JACK - ELEVATION
	PHONE JACK - PLAN
	S.P. START POINT OF TILE



**KEY PLAN**

**NOTES:**

Number	Date	Revision
14	06/08/2017	DOB SUBMISSION
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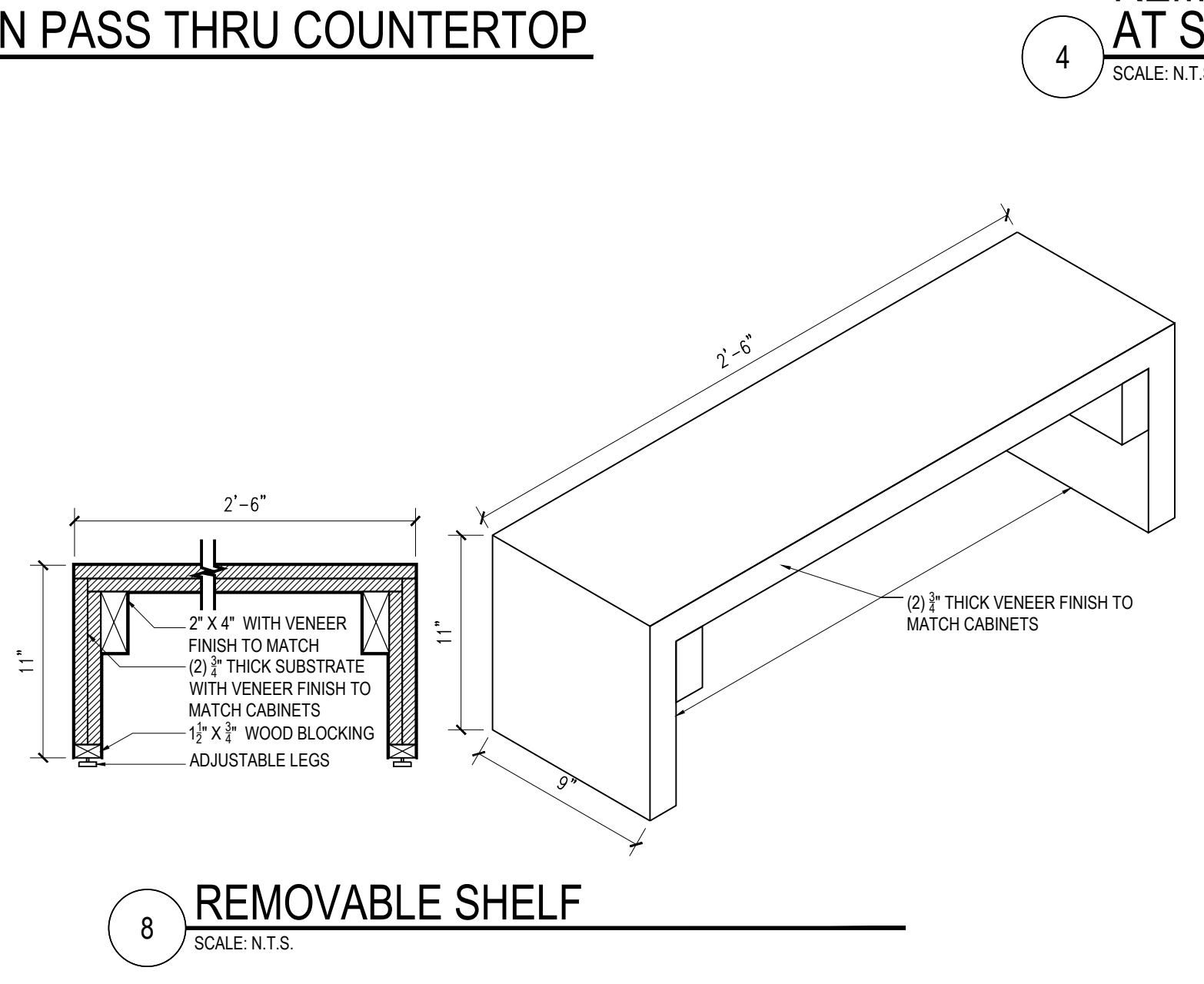
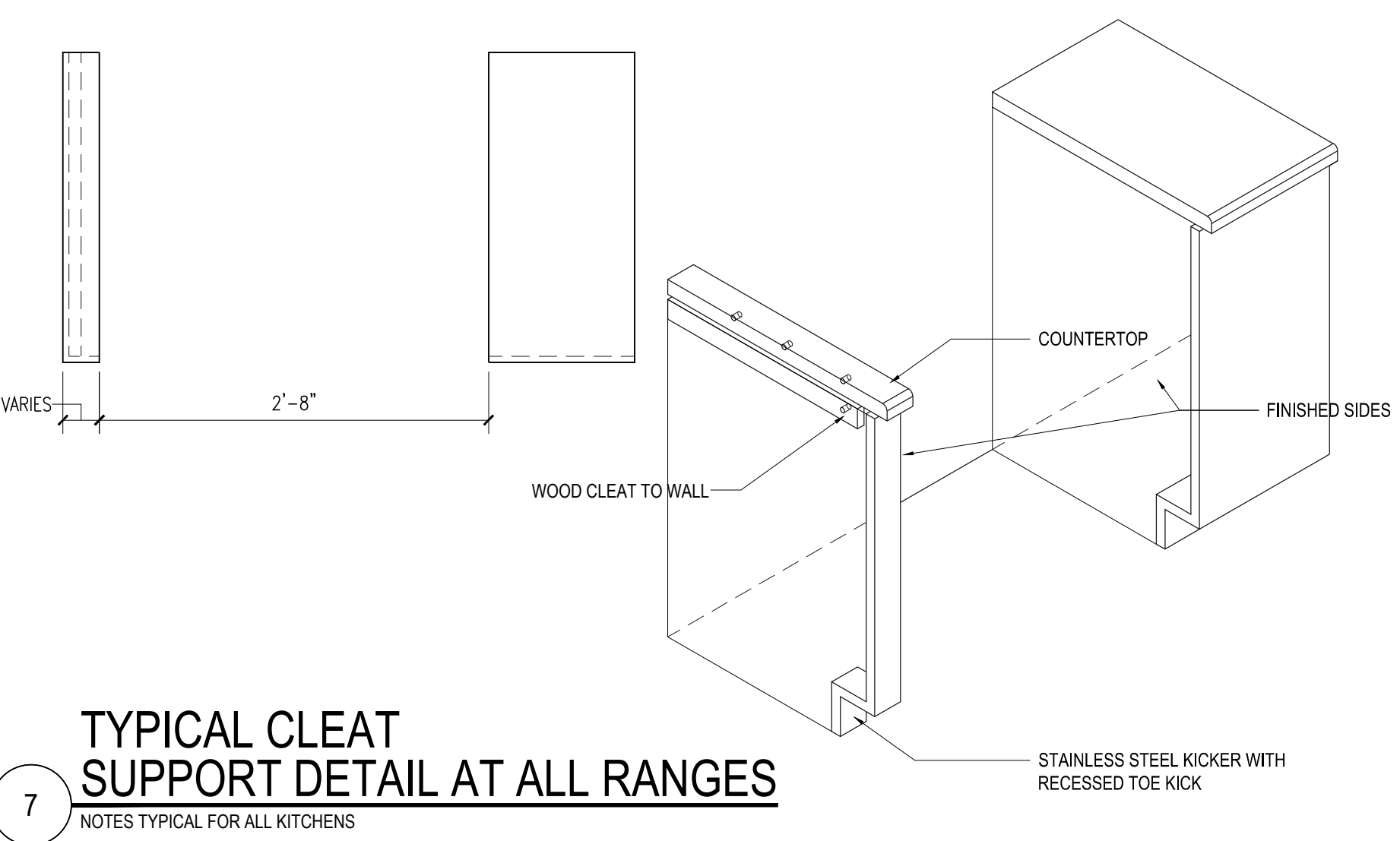
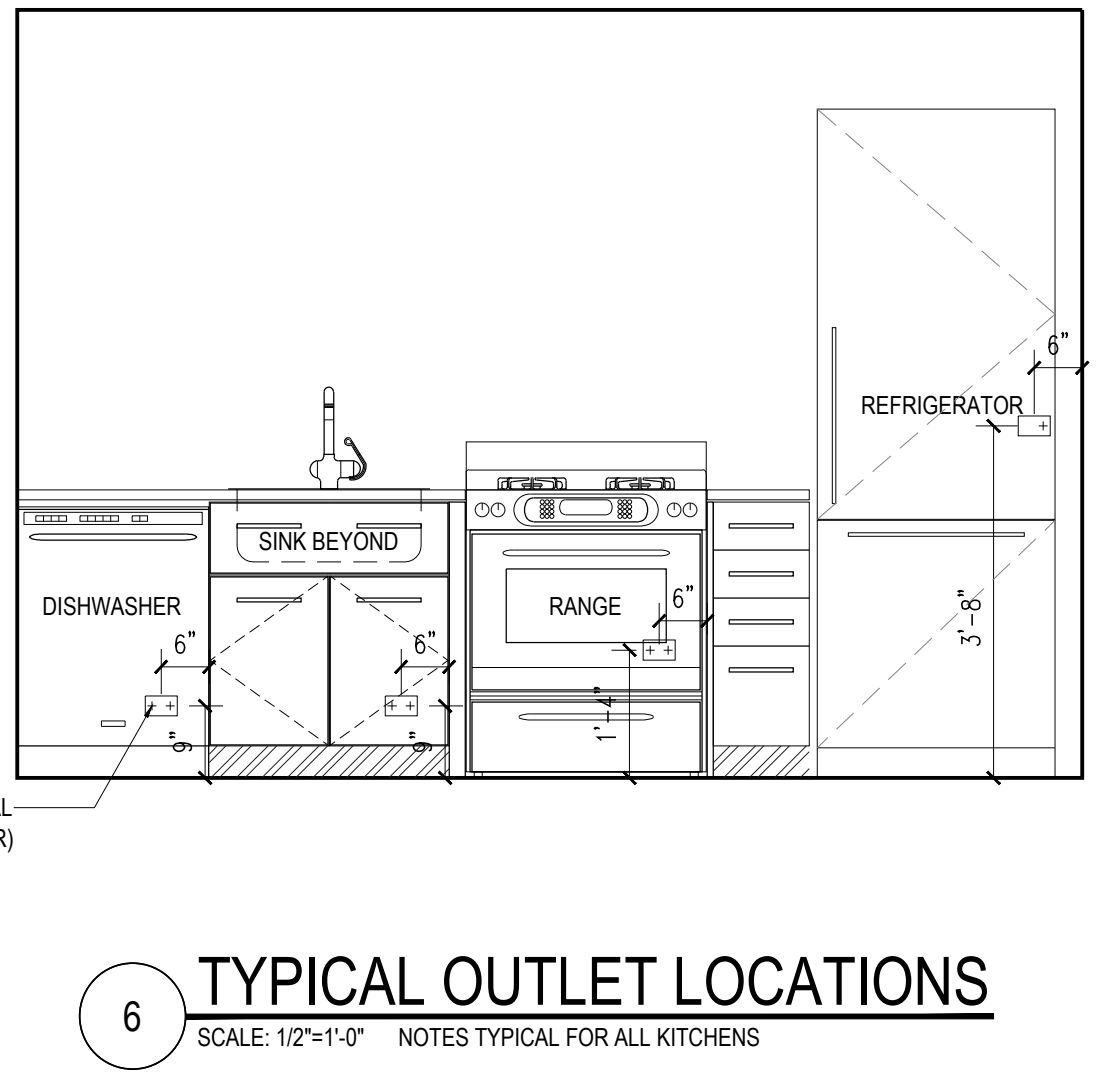
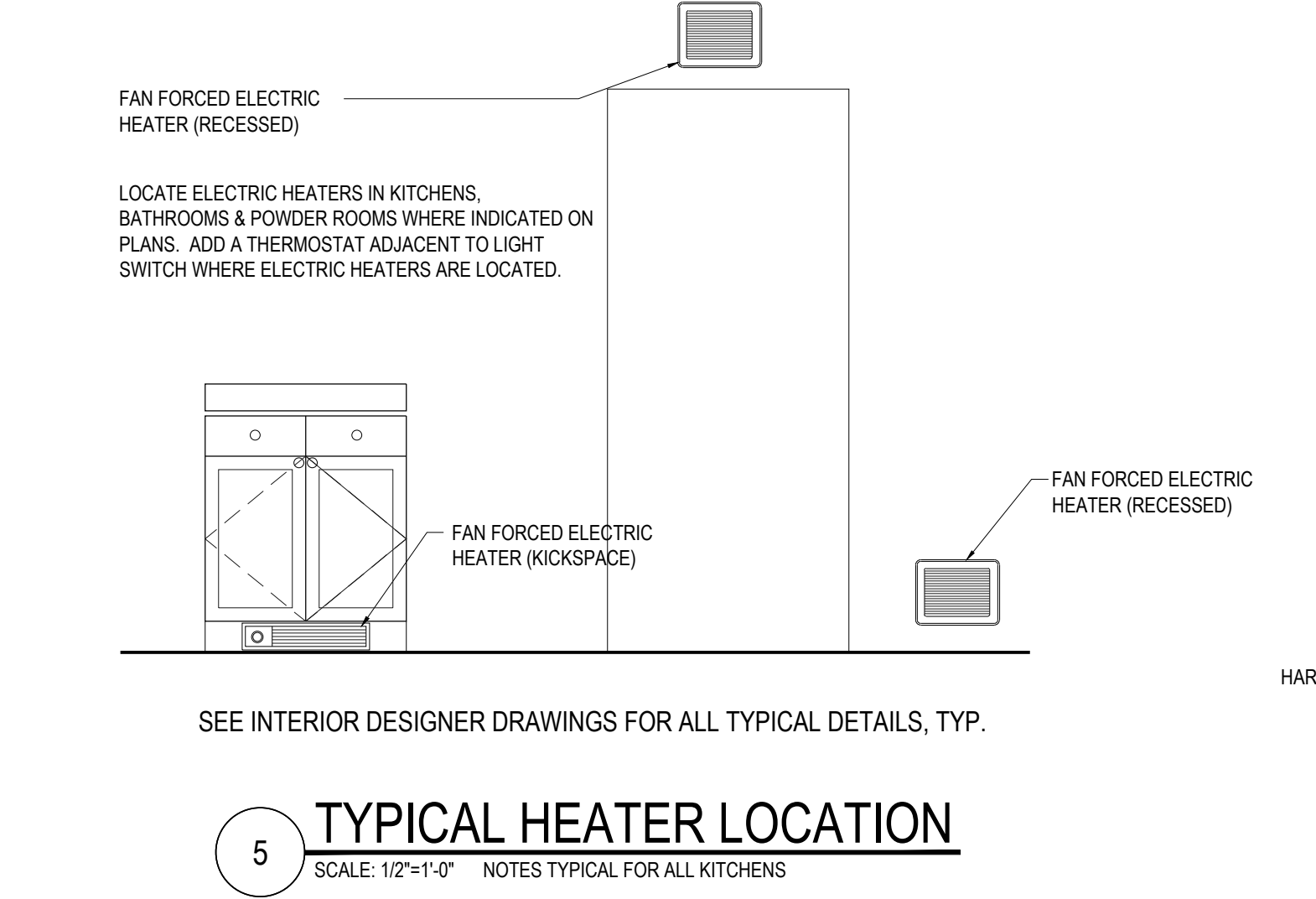
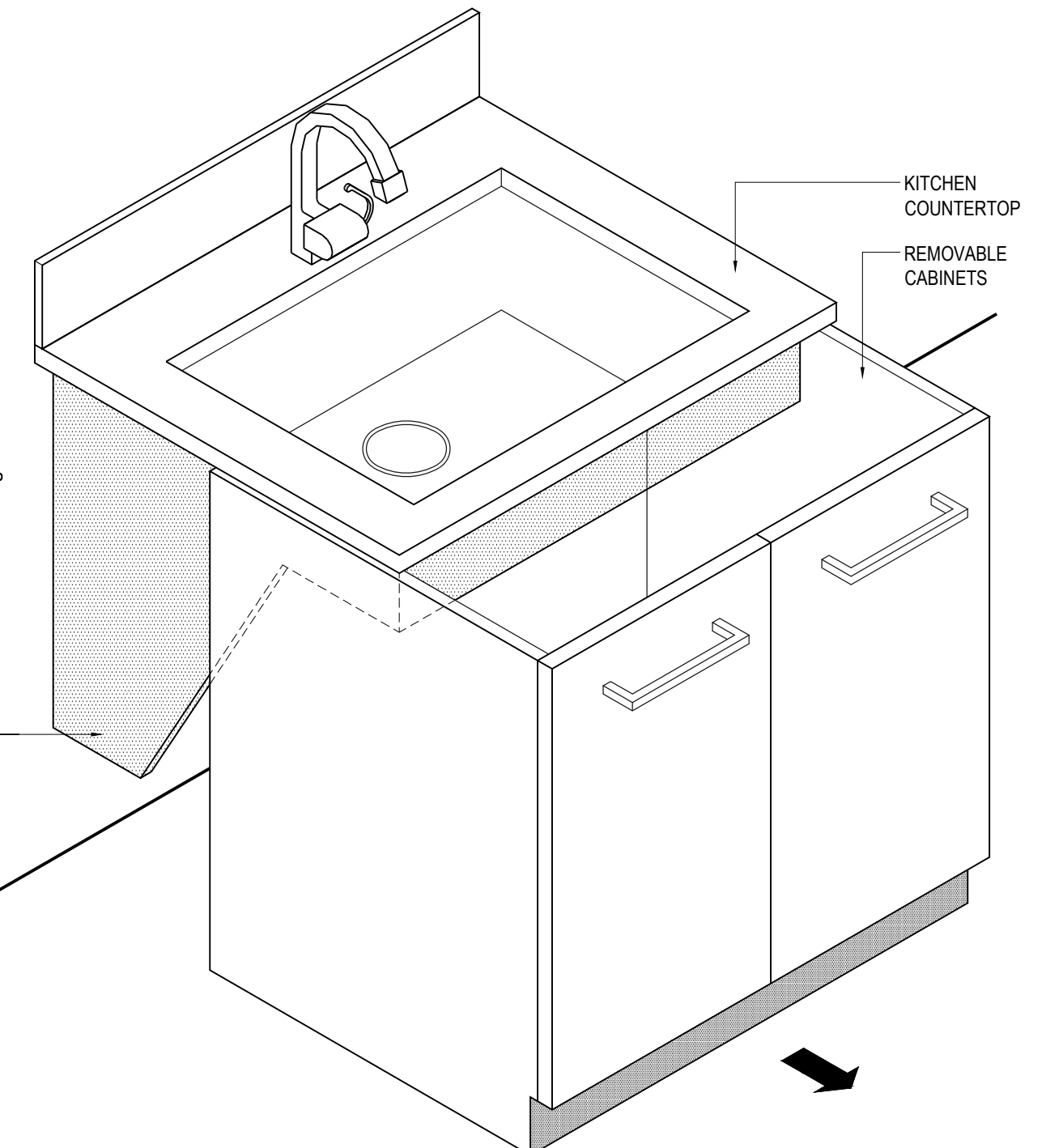
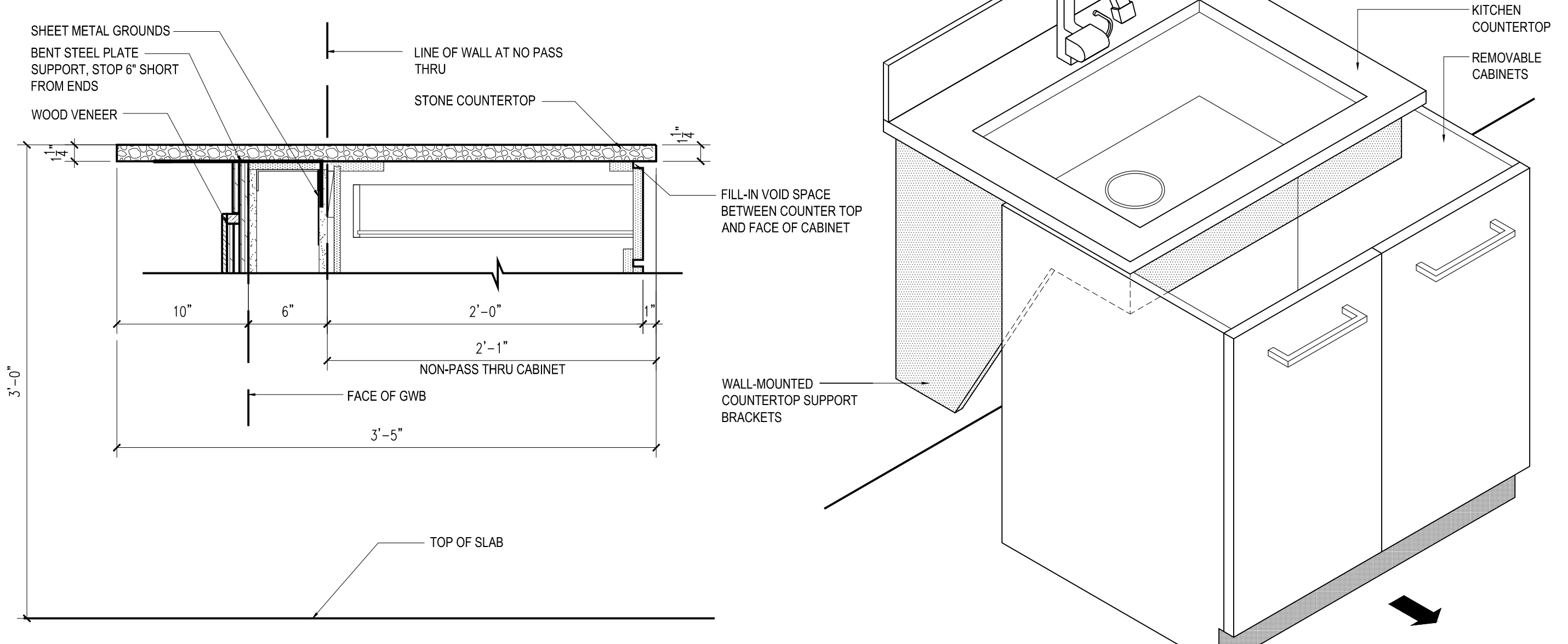
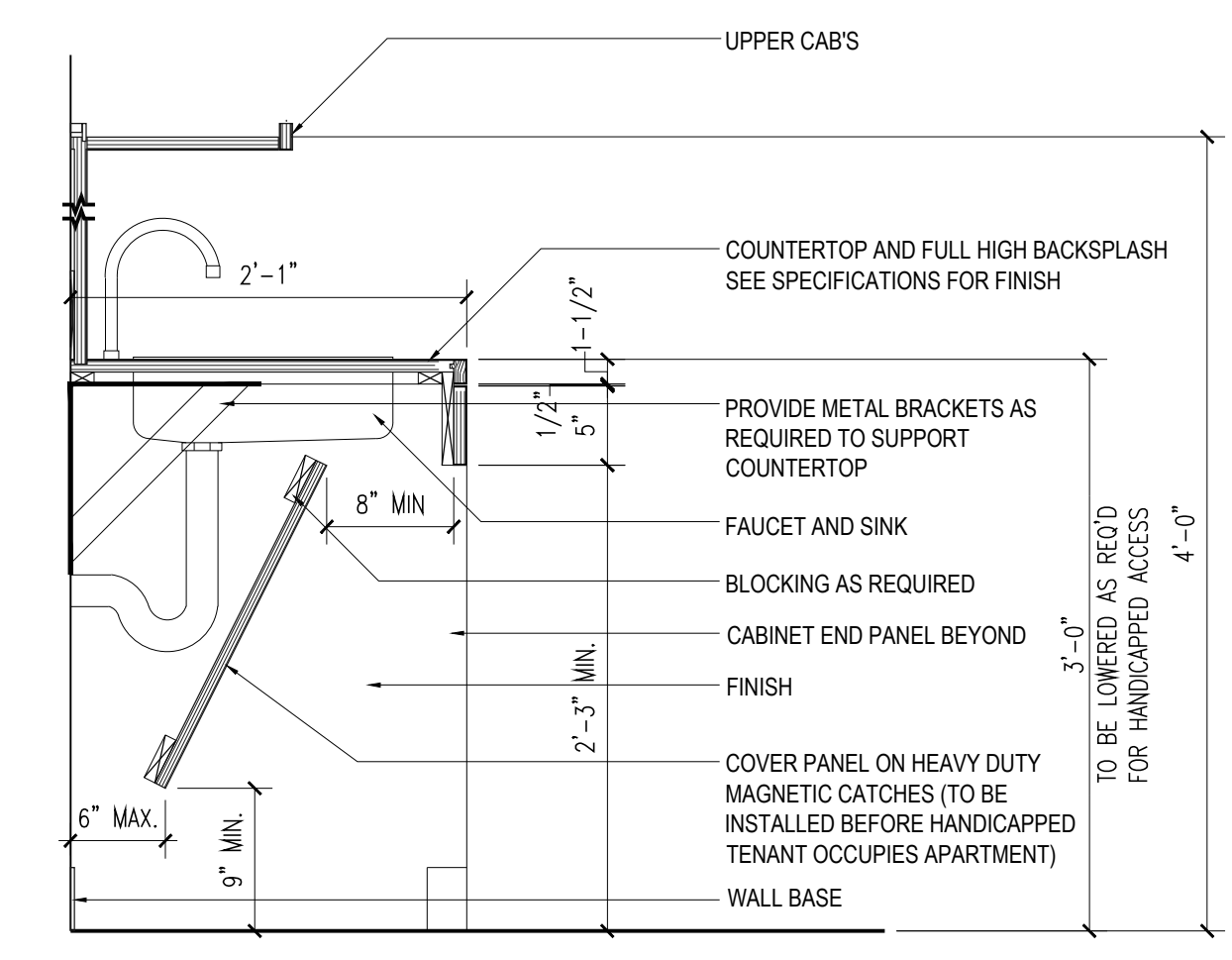
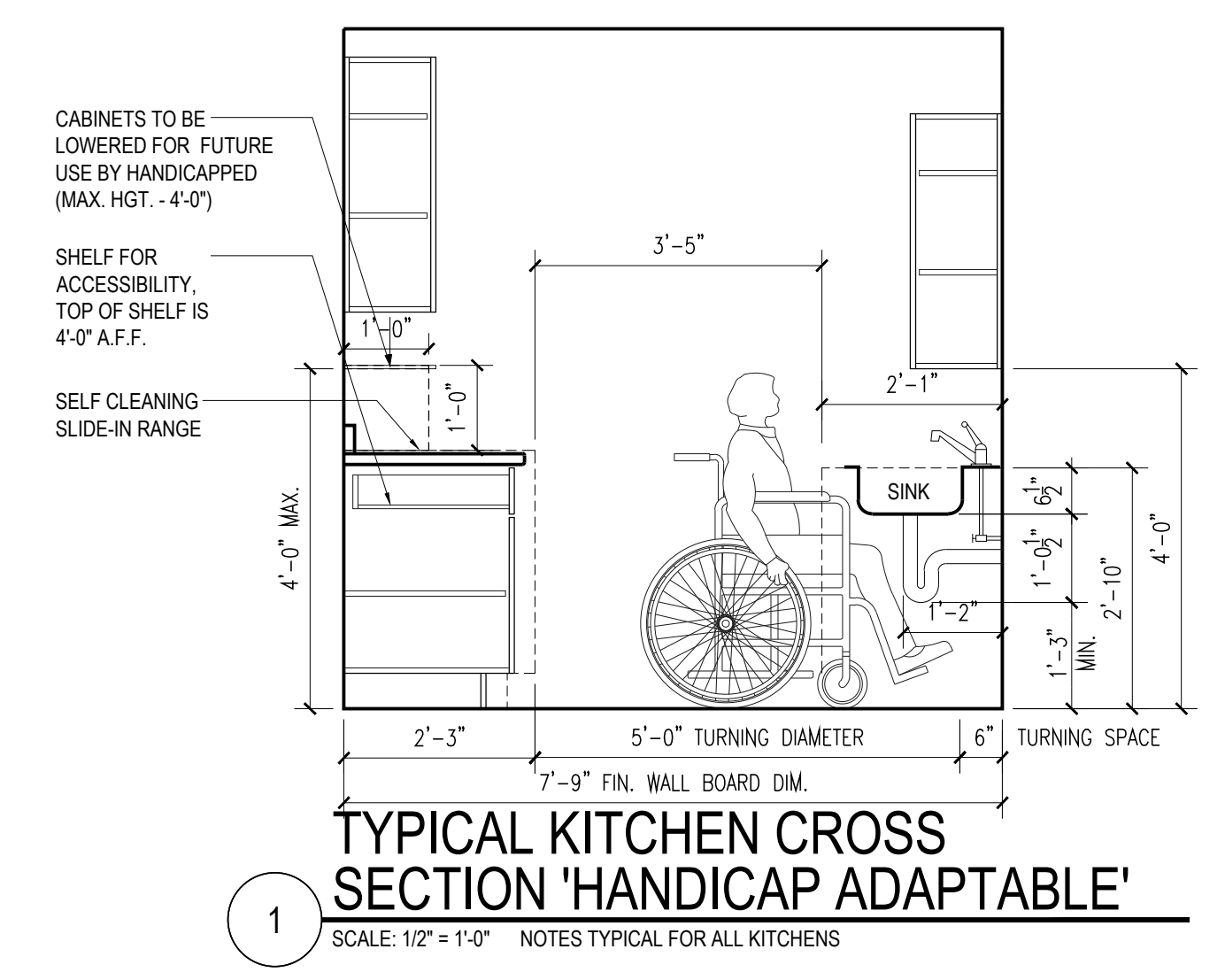
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DWG TITLE:  
**KITCHEN NOTES & DTLS**

SEAL & SIGNATURE:  
  
 DATE: 05/26/2017  
 PROJECT #: 16A10  
 SCALE: N.T.S.  
**A-700.00**  
 DWG NO.

SEAL & SIGNATURE:  
  
 DATE: 05/26/2017  
 PROJECT #: 16A10  
 SCALE: N.T.S.  
**A-700.00**  
 DWG NO.

## KITCHEN DETAILS

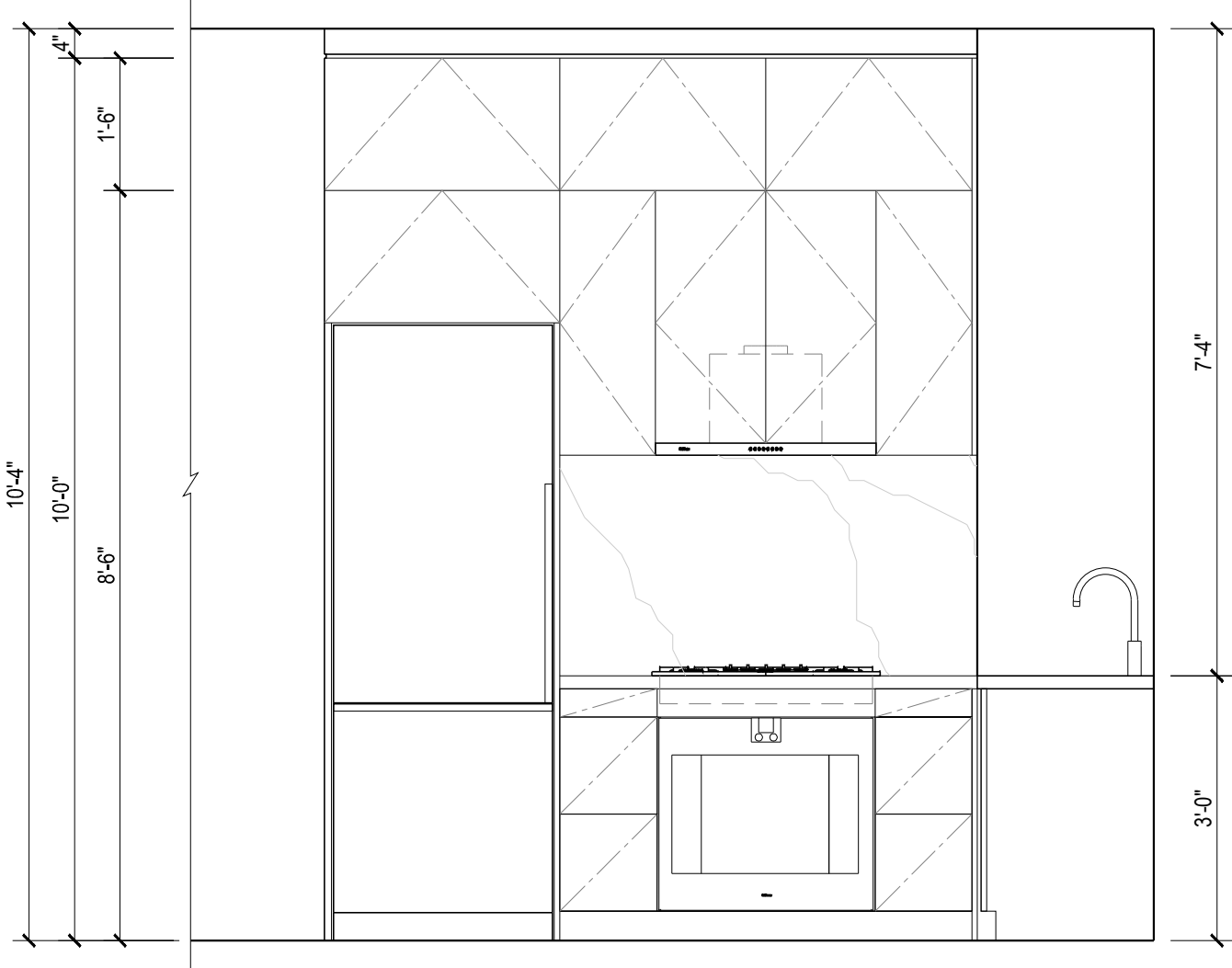


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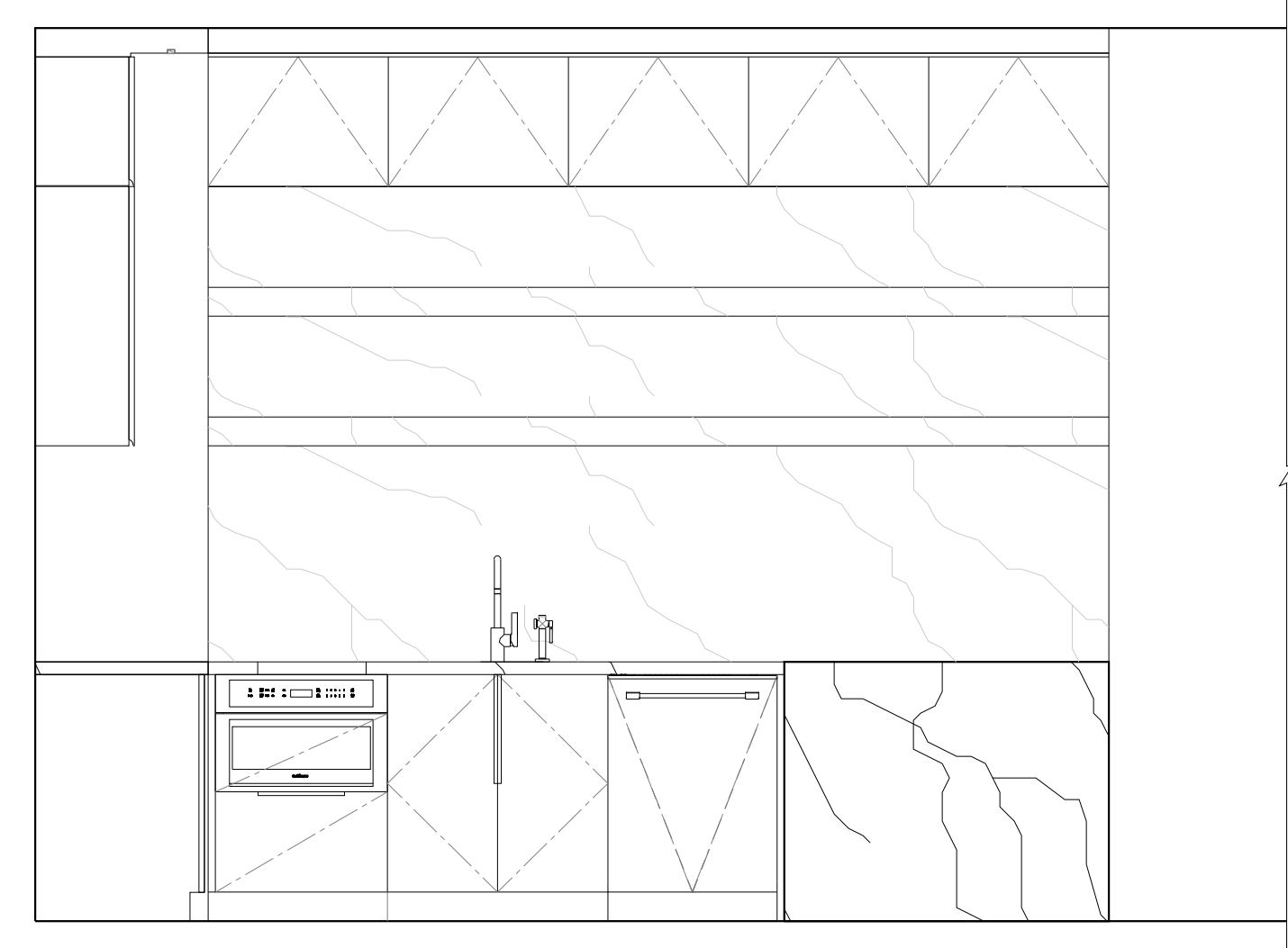
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**KITCHEN NOTES & DTLS**

SEAL & SIGNATURE:  
  
 DATE: 05/26/2017  
 PROJECT #: 16A10  
 SCALE: N.T.S.  
**A-700.00**  
 DWG NO.

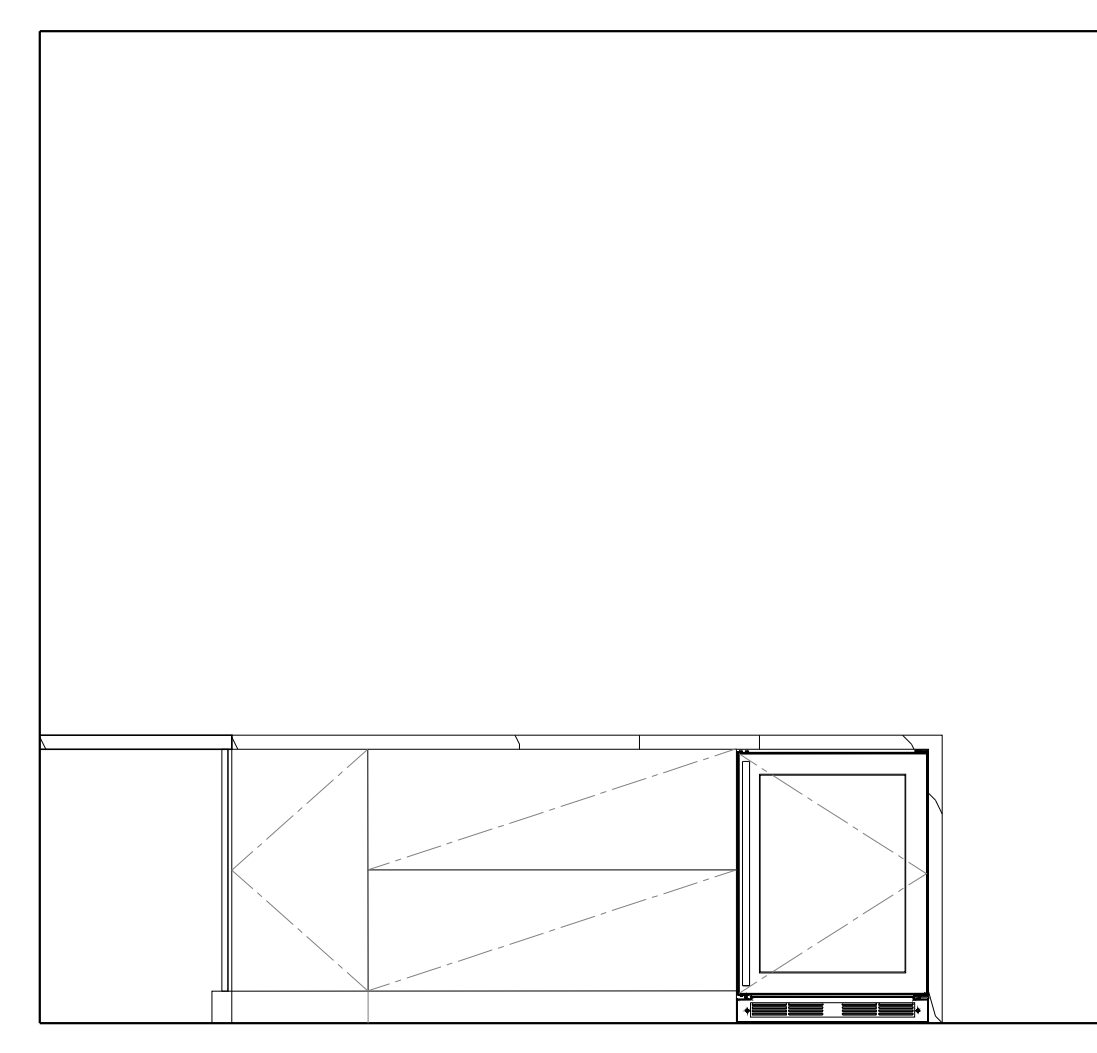
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 DATE: 05/26/2017  
 PROJECT #: 16A10  
 SCALE: N.T.S.  
**A-700.00**  
 DWG NO.



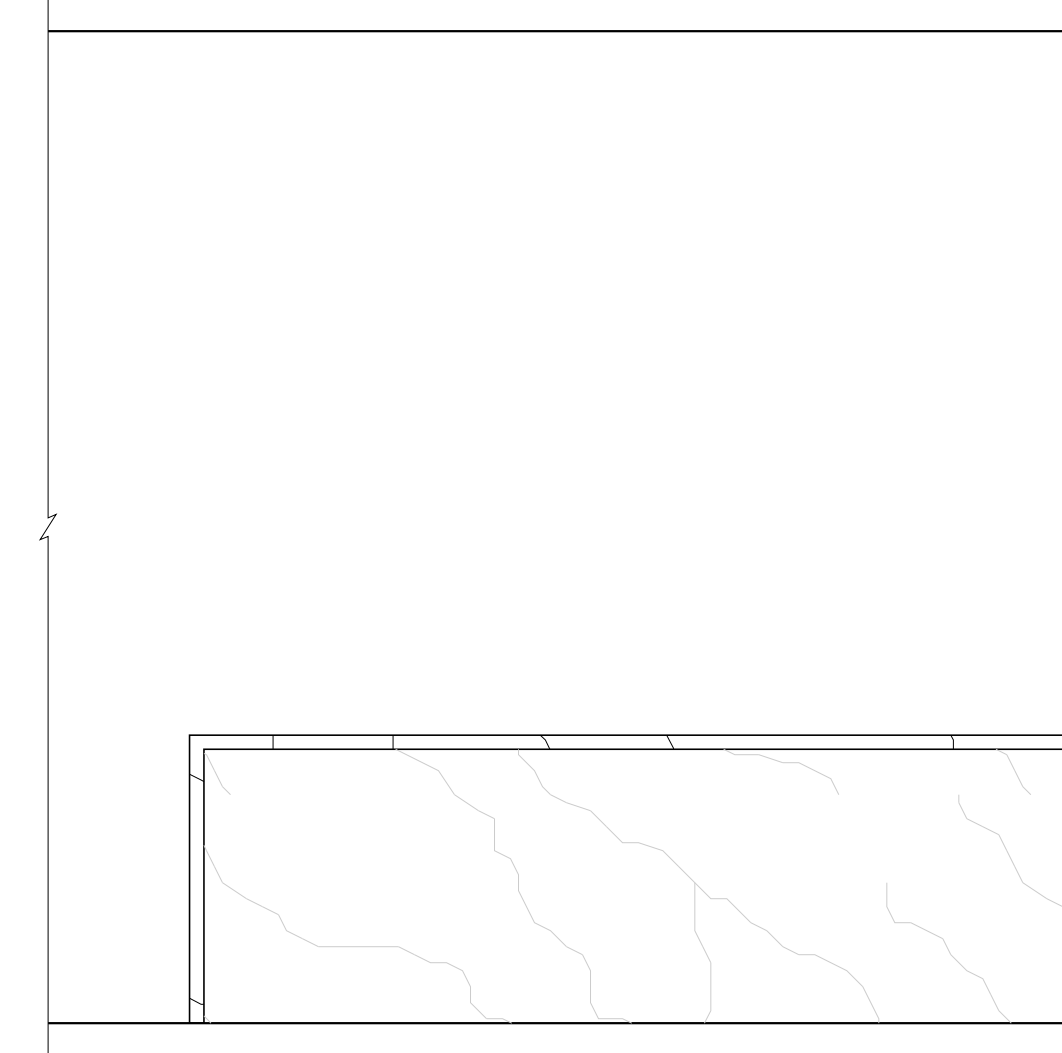
**A** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



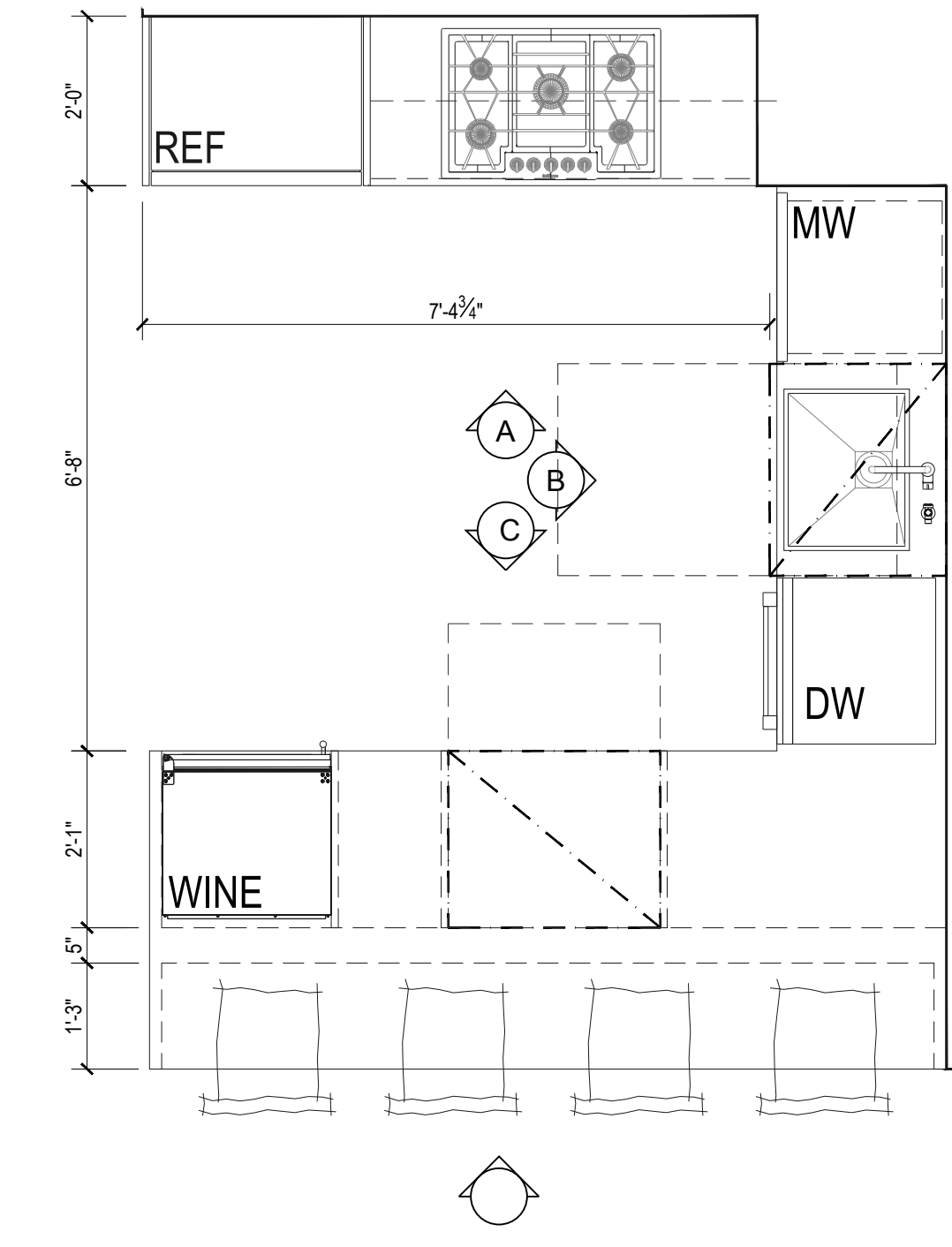
**B** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



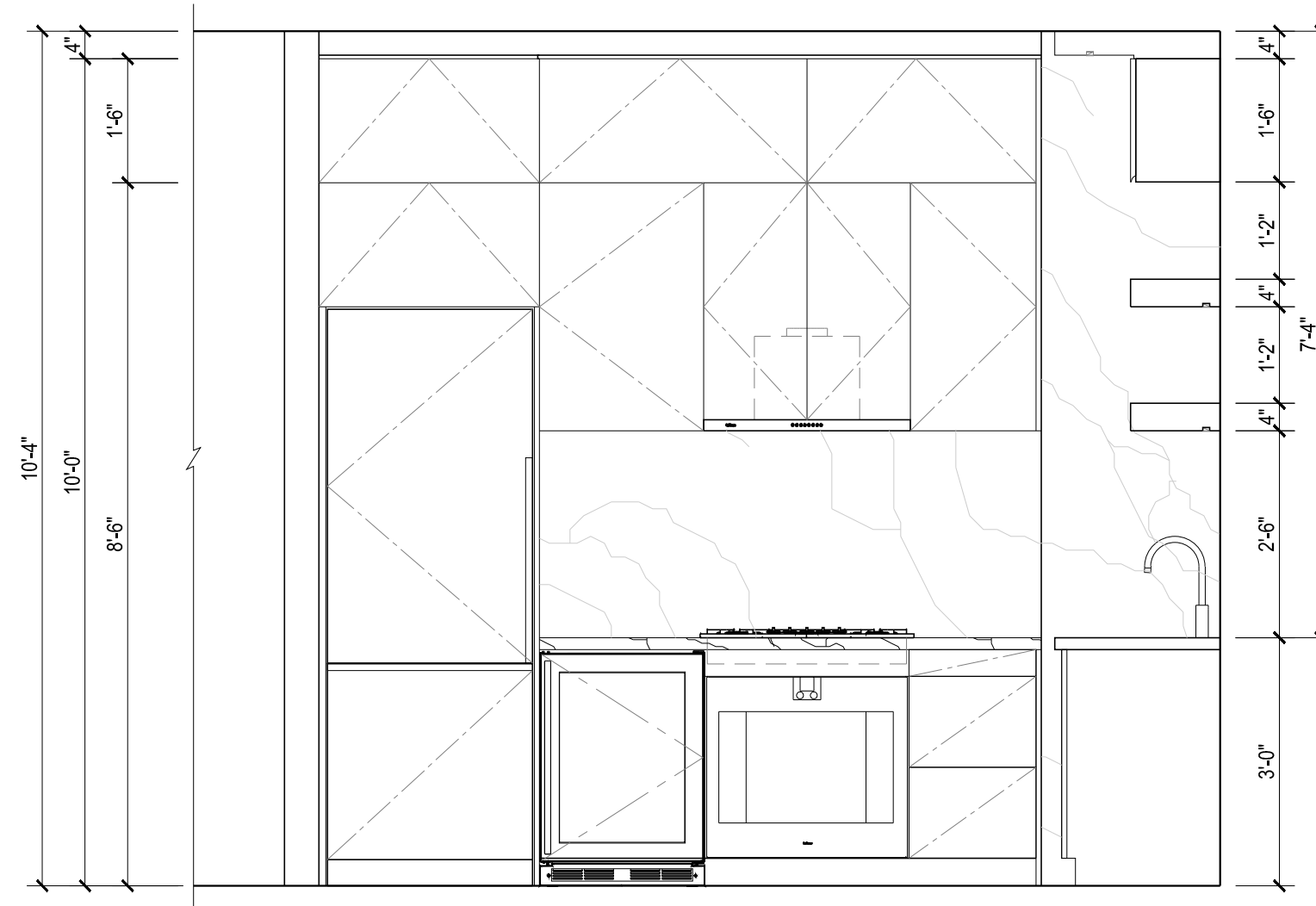
**C** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



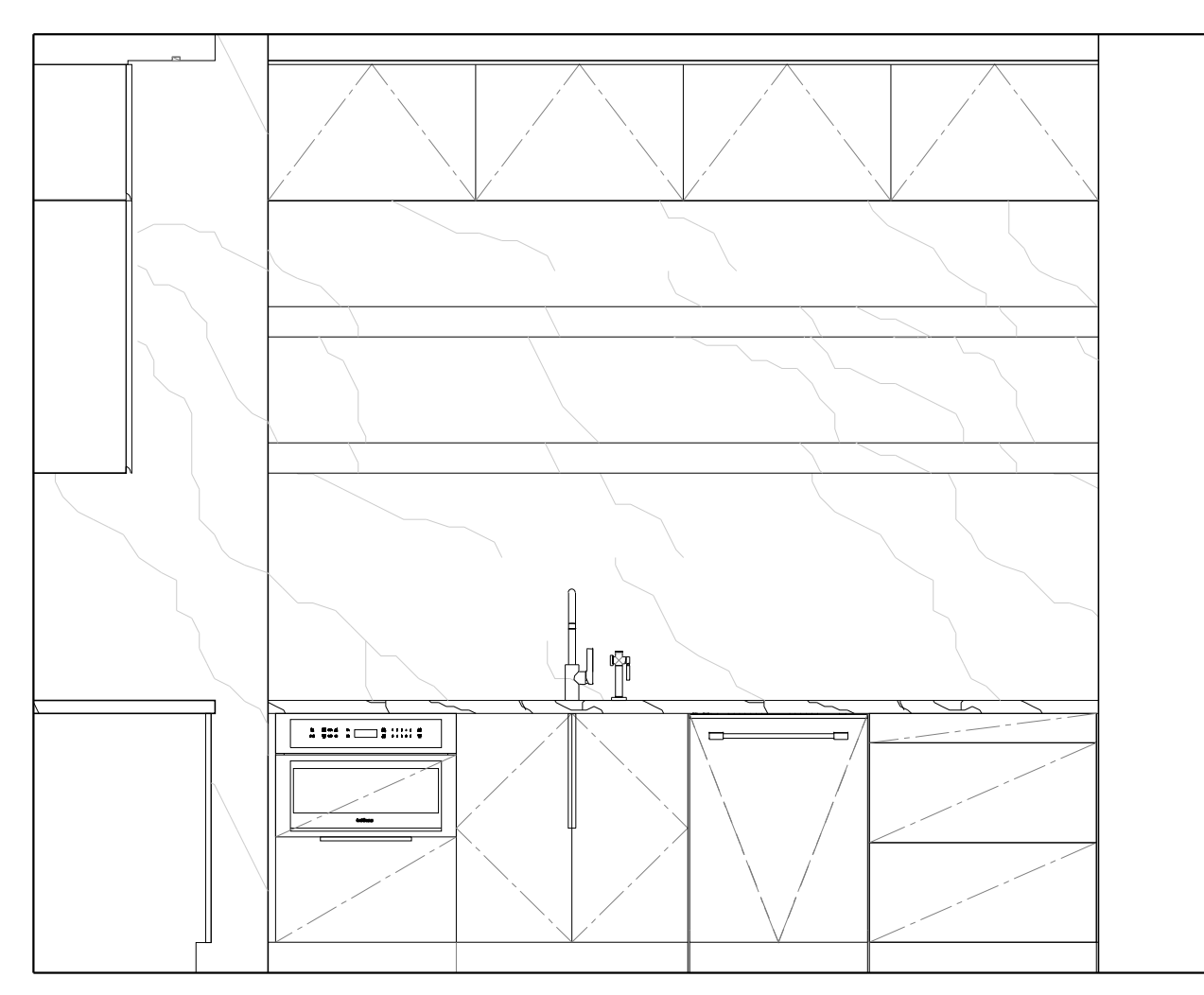
**D** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



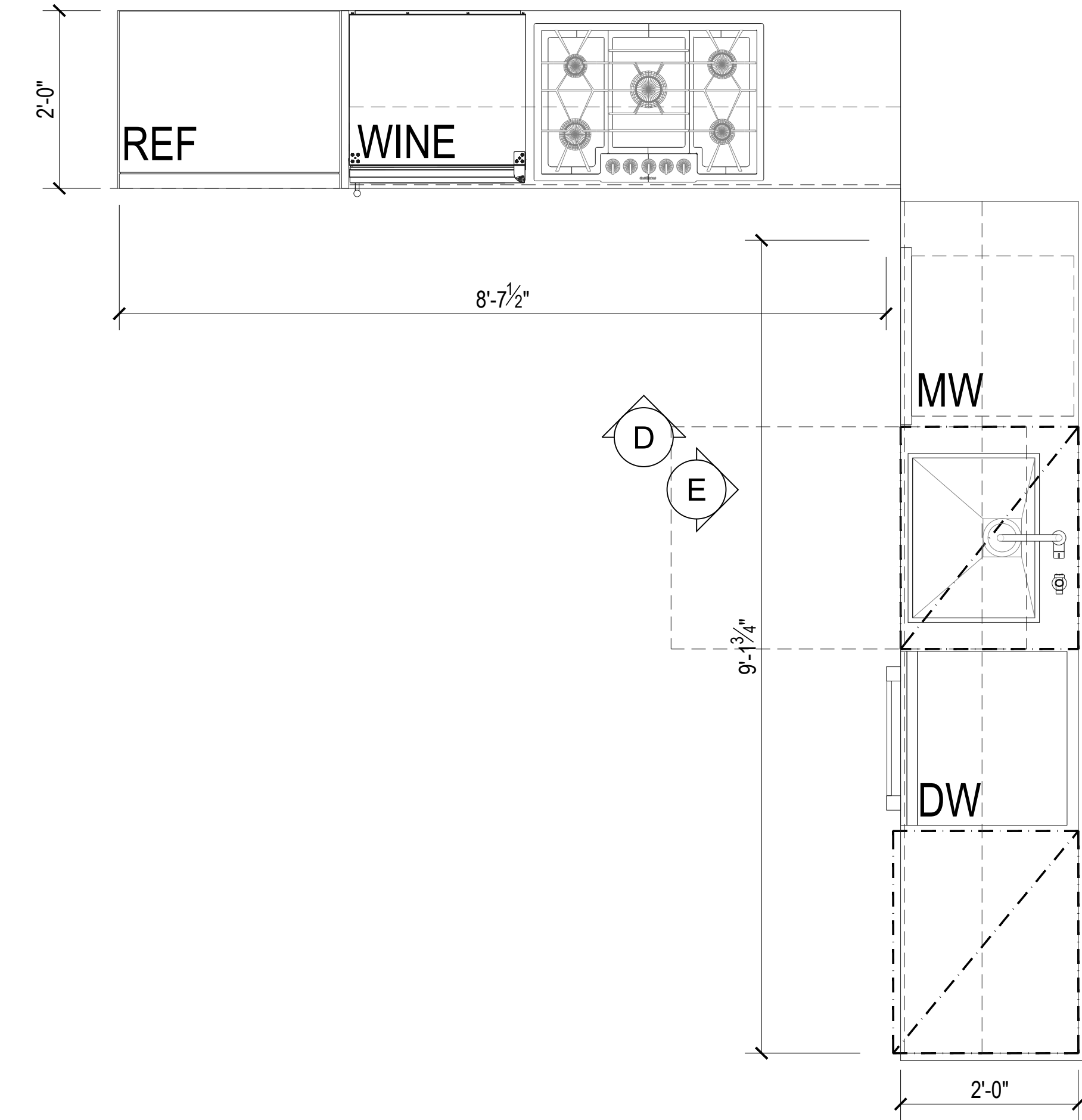
**1** KITCHEN PLAN- TYPE 1 (4-11TH FL.)  
SCALE: 1/2"=1'-0"



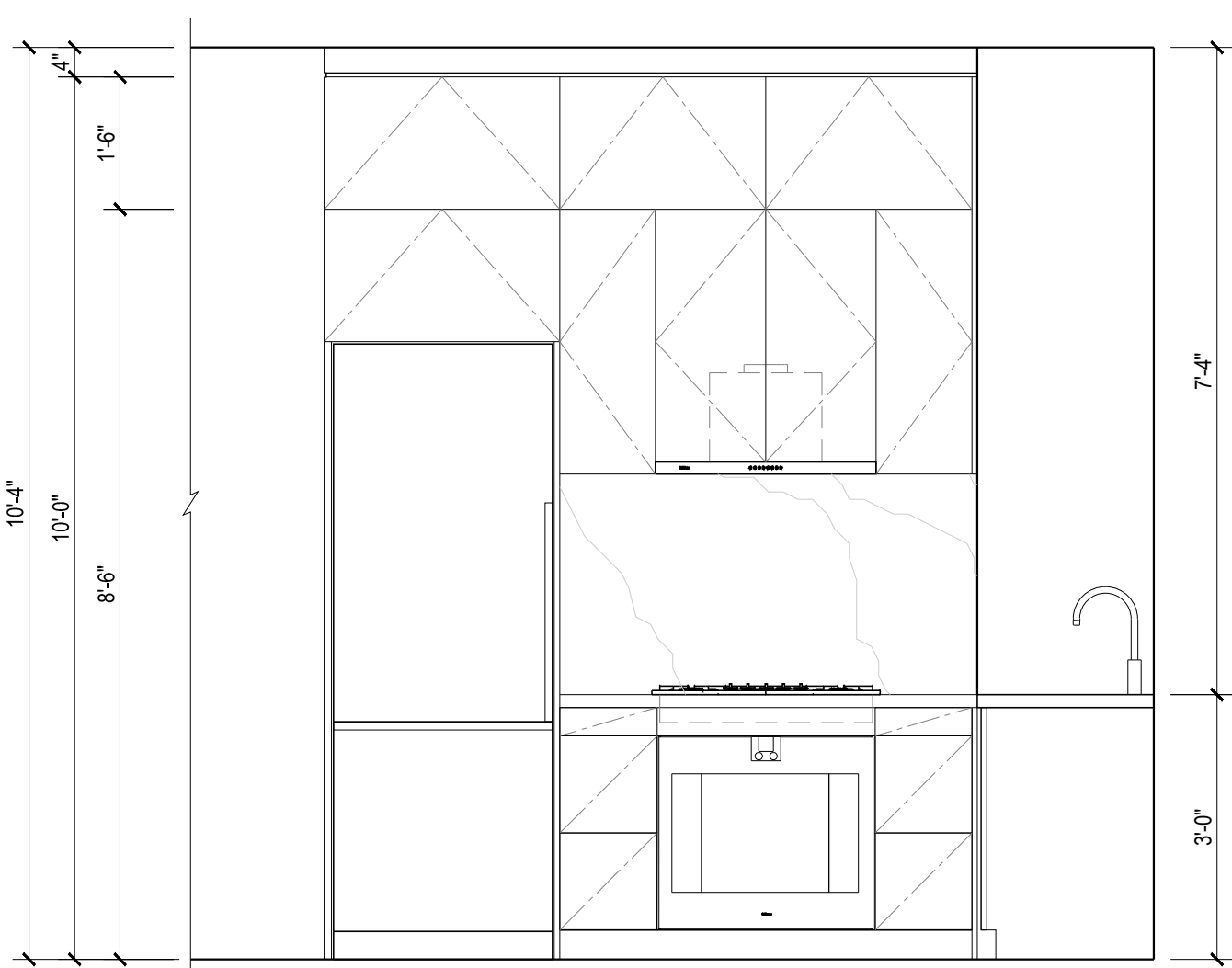
**E** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



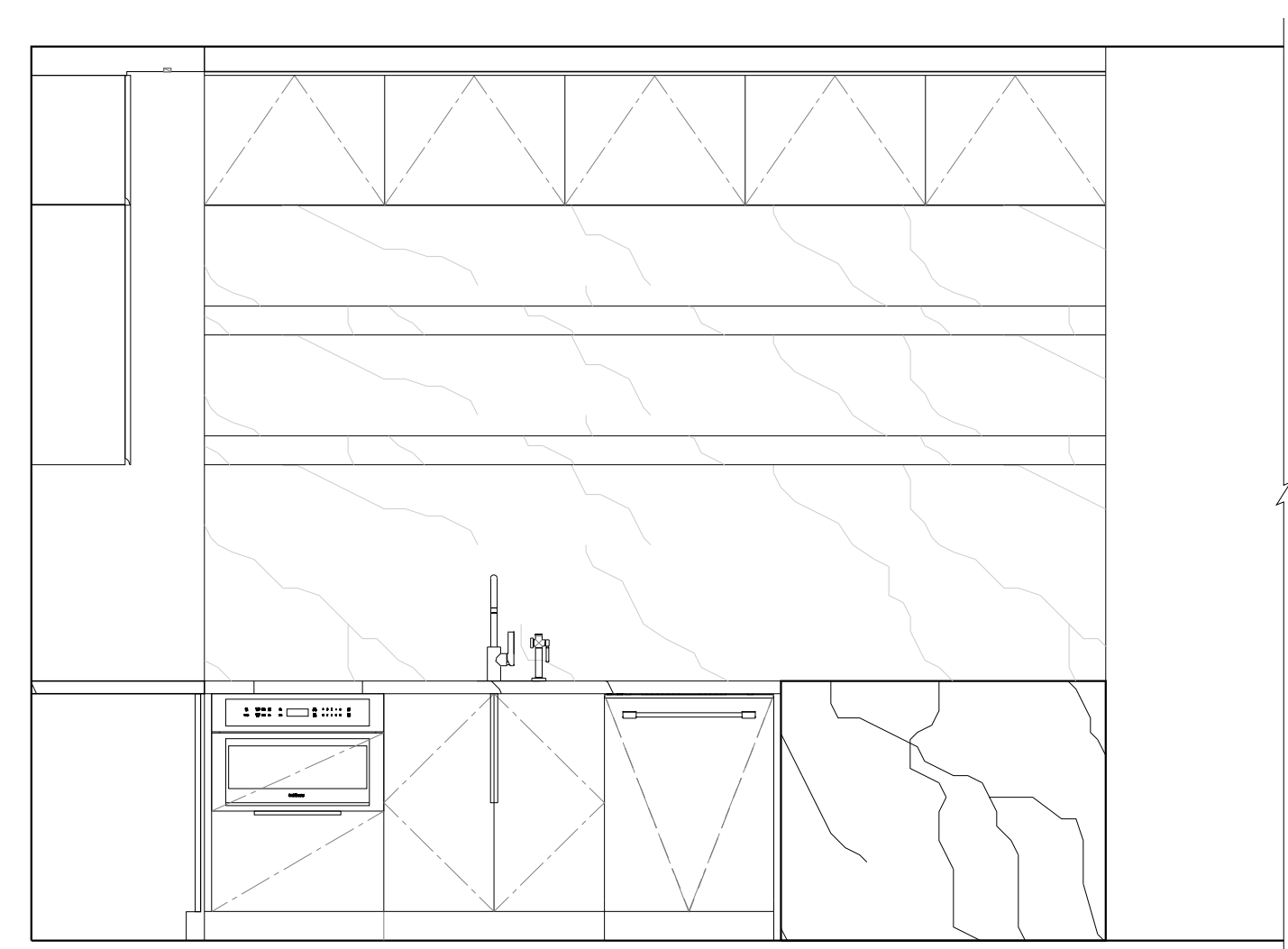
**F** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



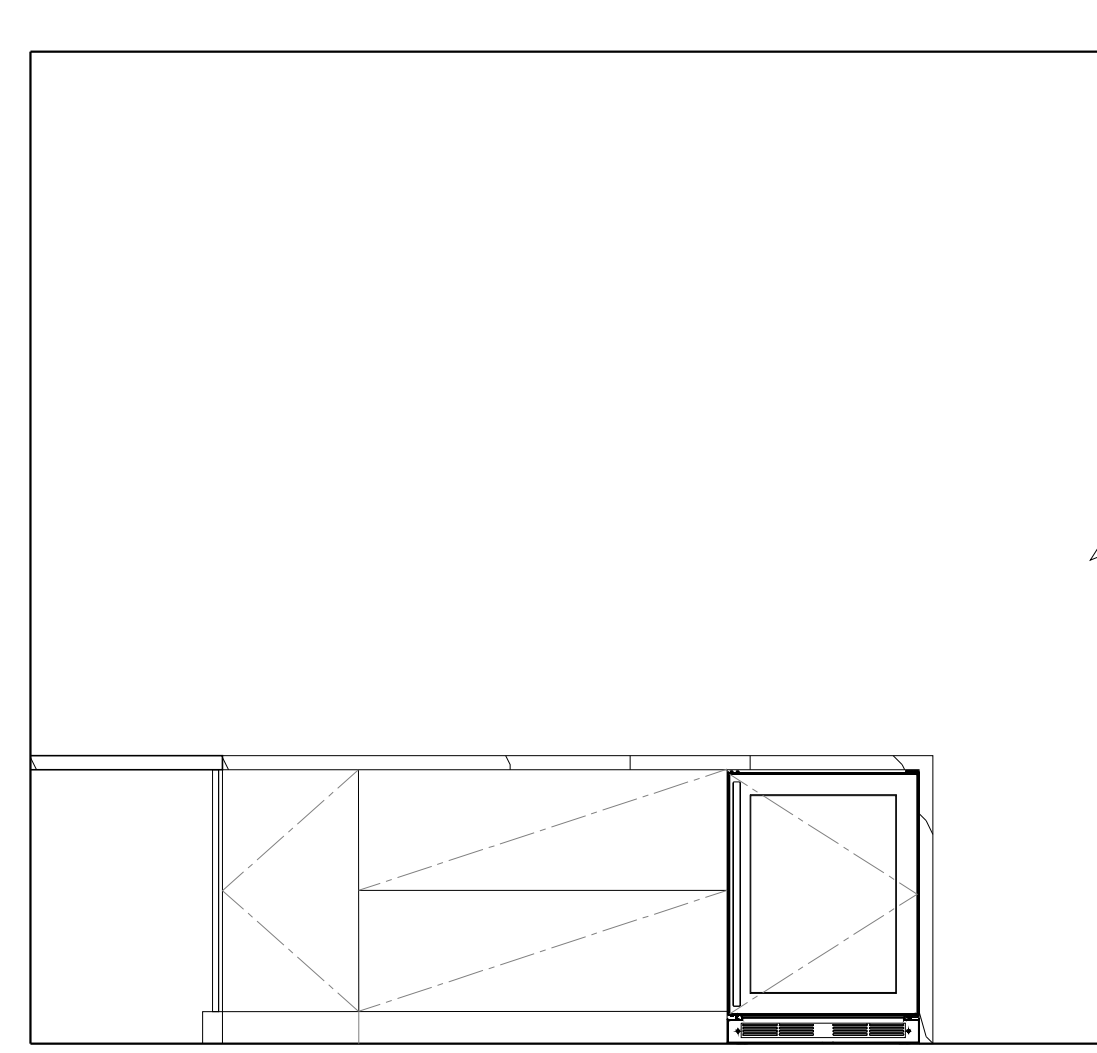
**2** KITCHEN PLAN- TYPE 2 (12-17TH FL.)  
SCALE: 1/2"=1'-0"



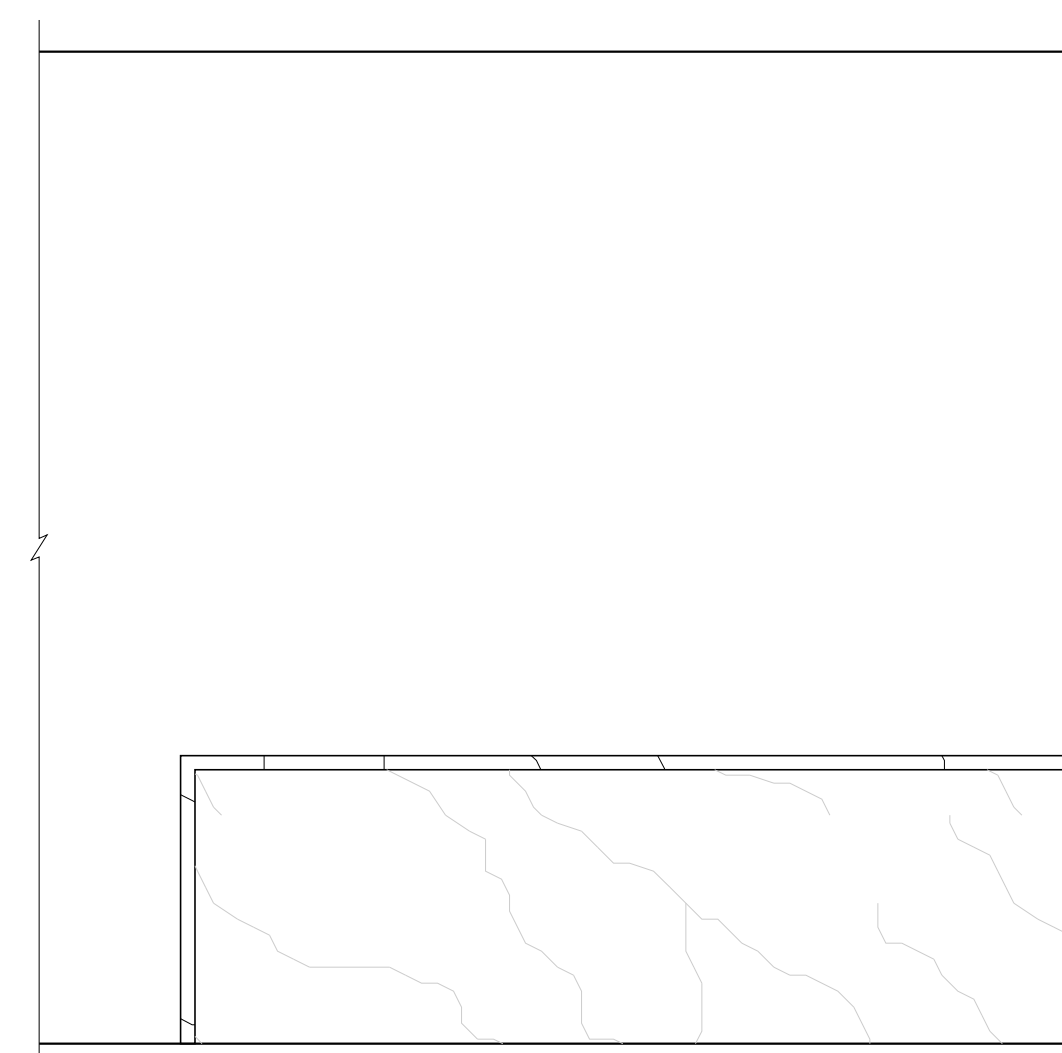
**G** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



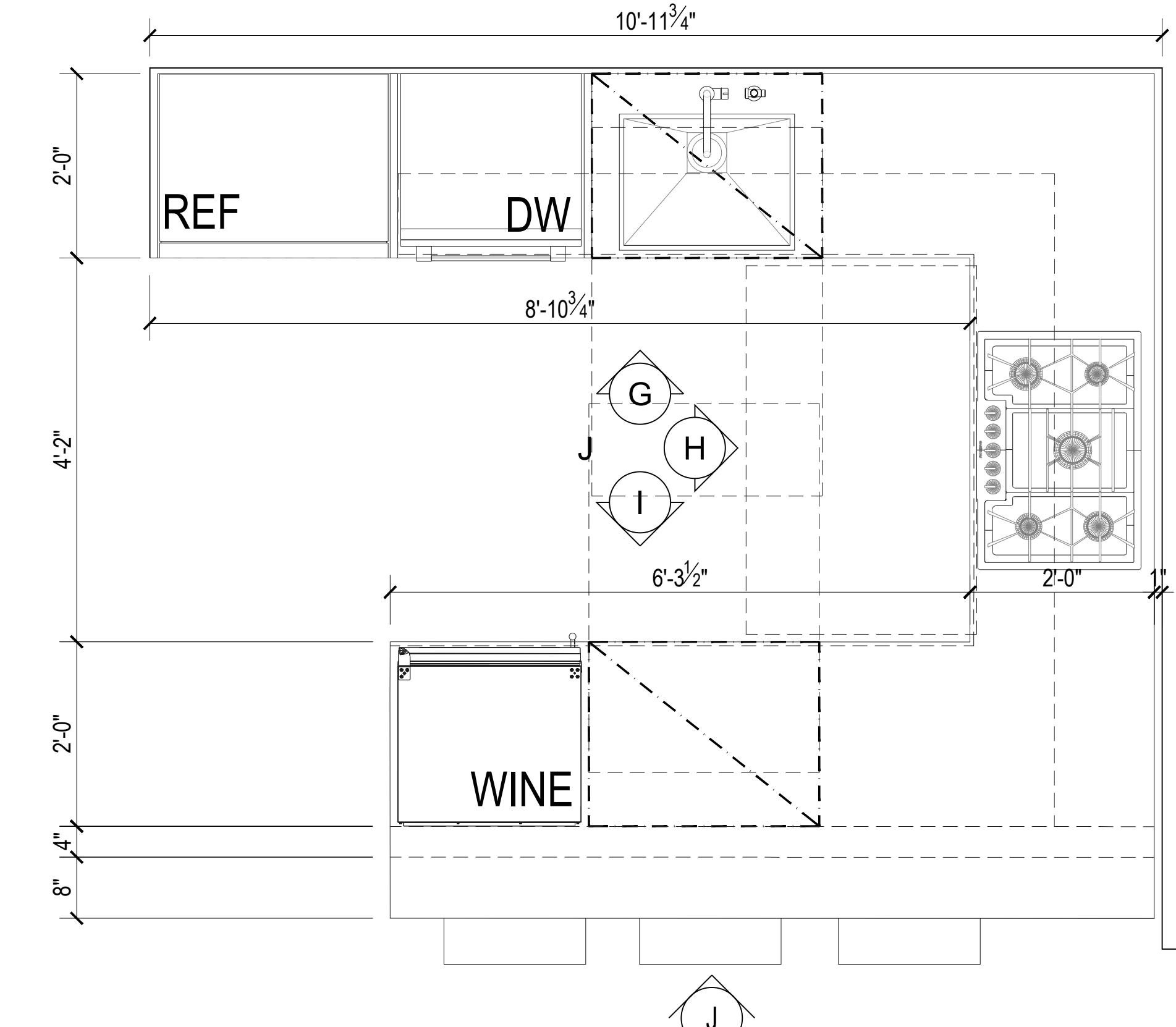
**H** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



**I** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



**J** KITCHEN ELEVATION  
SCALE: 1/2"=1'-0"



**3** KITCHEN PLAN- TYPE 3 (18TH FL.)  
SCALE: 1/2"=1'-0"



**KEY PLAN**

**NOTES:**

14	06/08/2017	DOB SUBMISSION
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11	05/26/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/16/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
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02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
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Project:  
**7**  
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Client:  
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ARCHITECTS  
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NEW YORK, NY 10004  
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Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007


Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEPFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

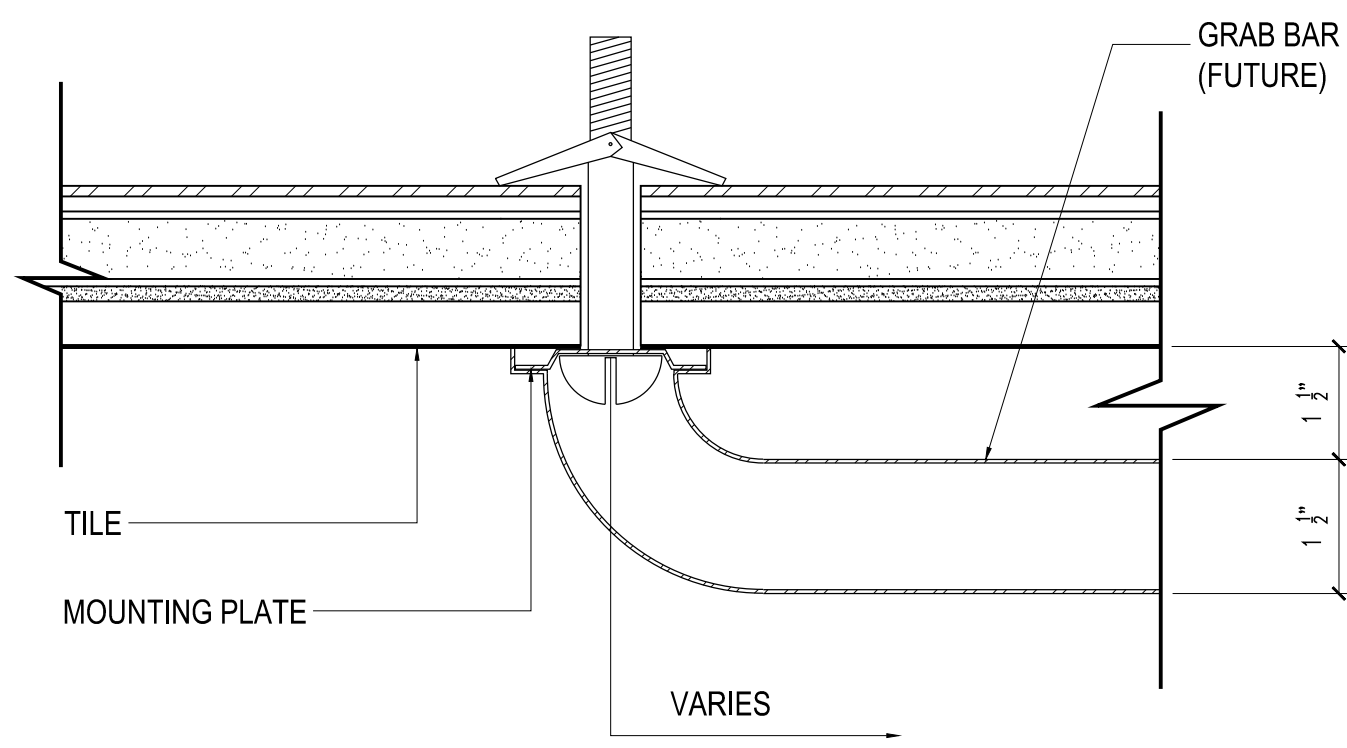
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

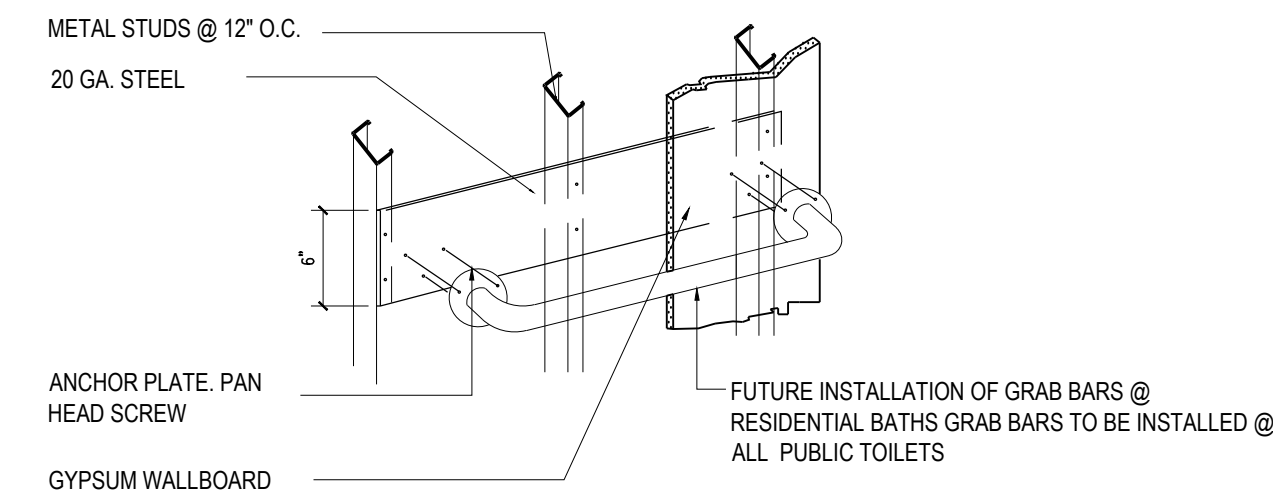
**KITCHEN PLANS AND ELEVATIONS**

SEAL & SIGNATURE:  
 DATE: 05/26/2017  
PROJECT # 16A10  
SCALE: N.T.S.  
**A-701.00**  
DWG NO.

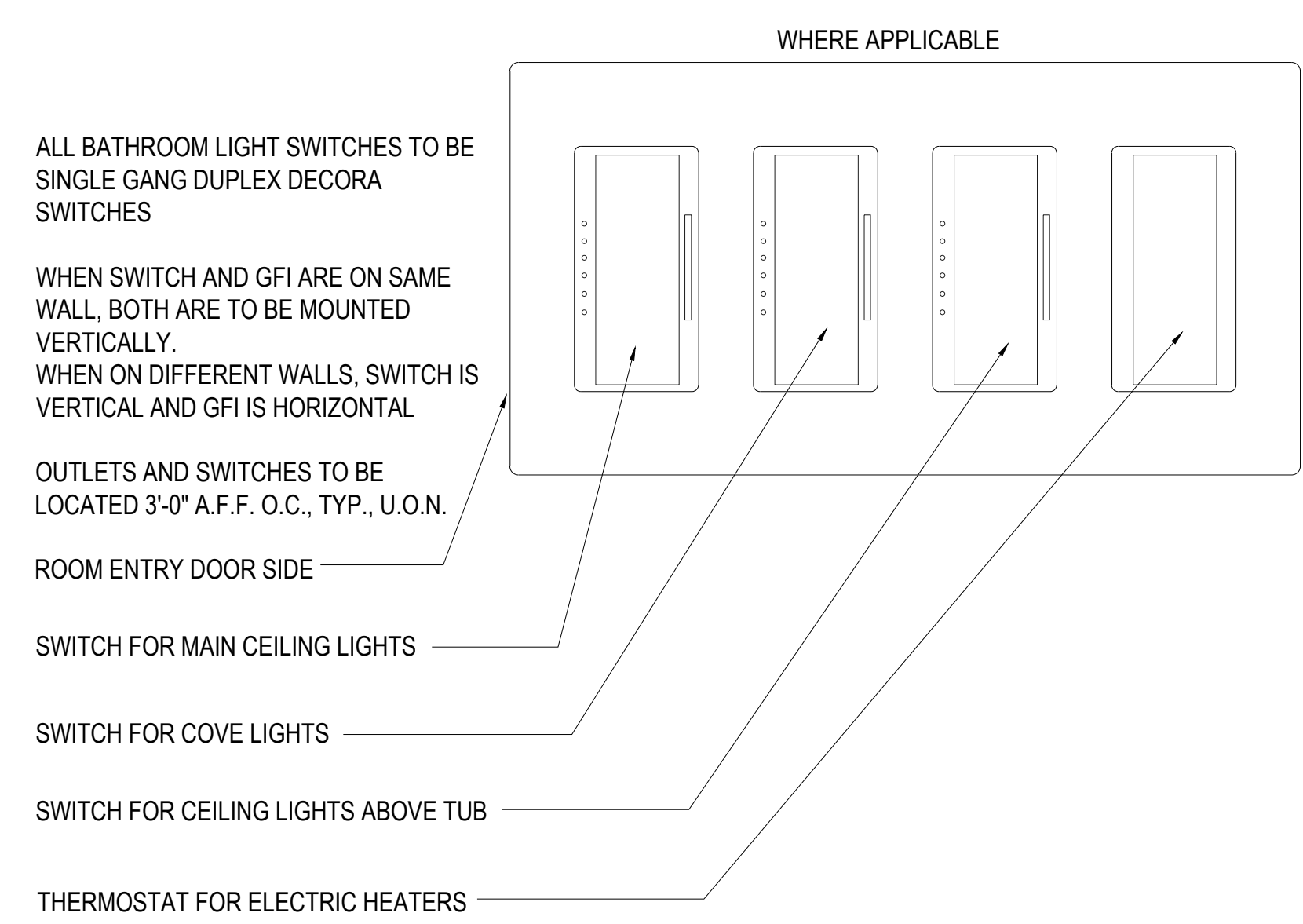




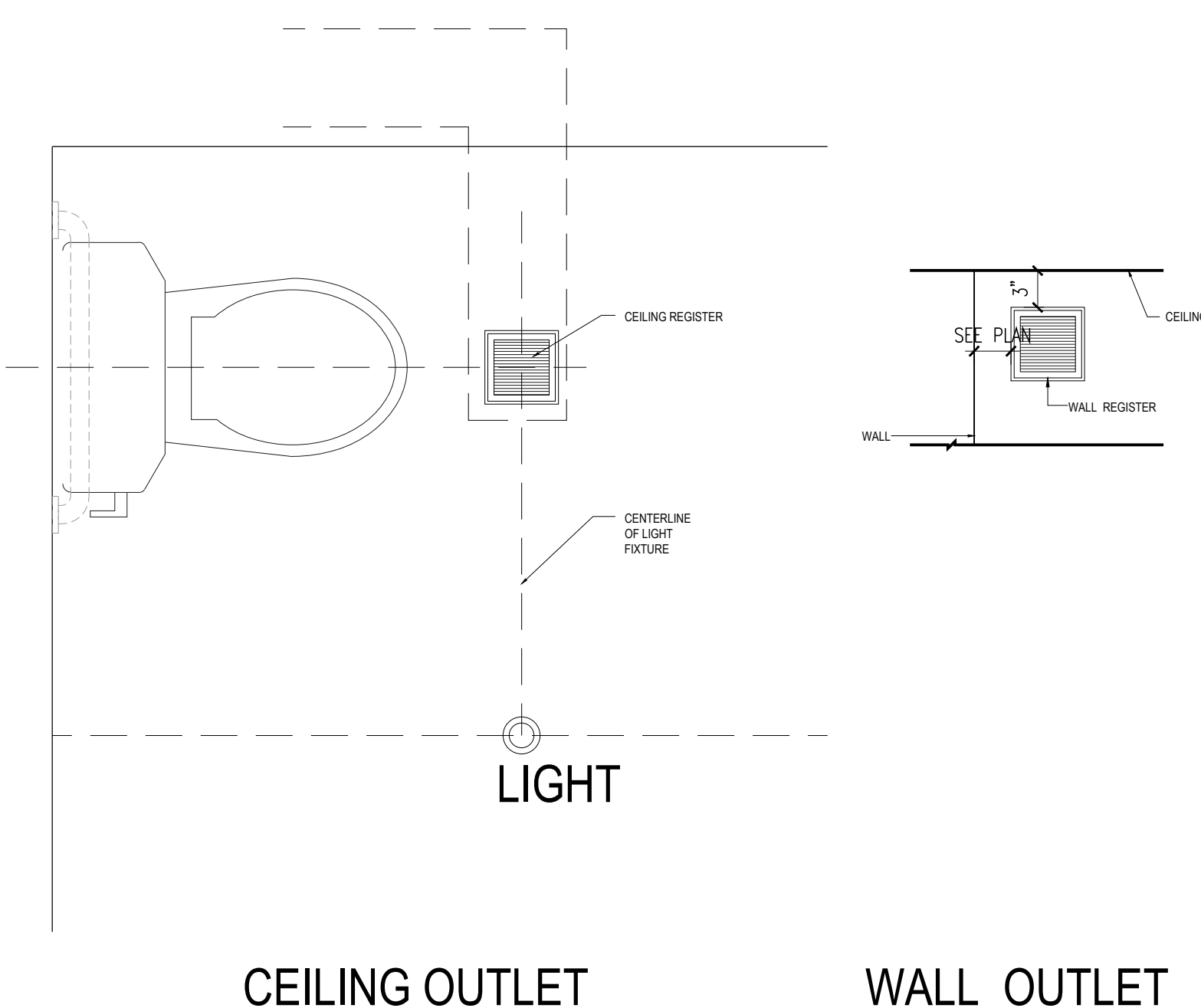
1 GRAB BAR DETAIL  
1" = 1'-0"



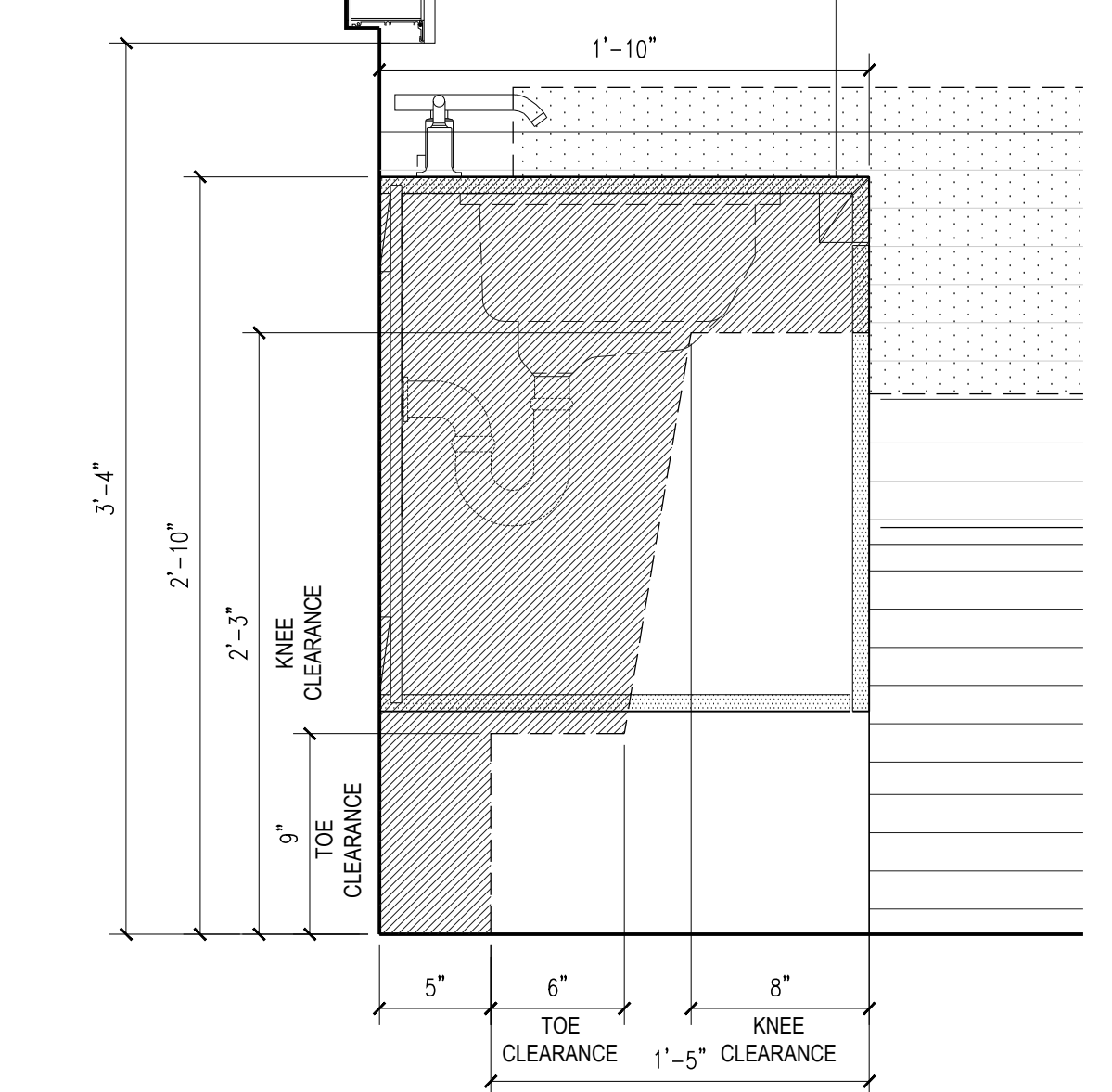
2 GRAB BAR AXONOMETRIC  
1" = 1'-0"



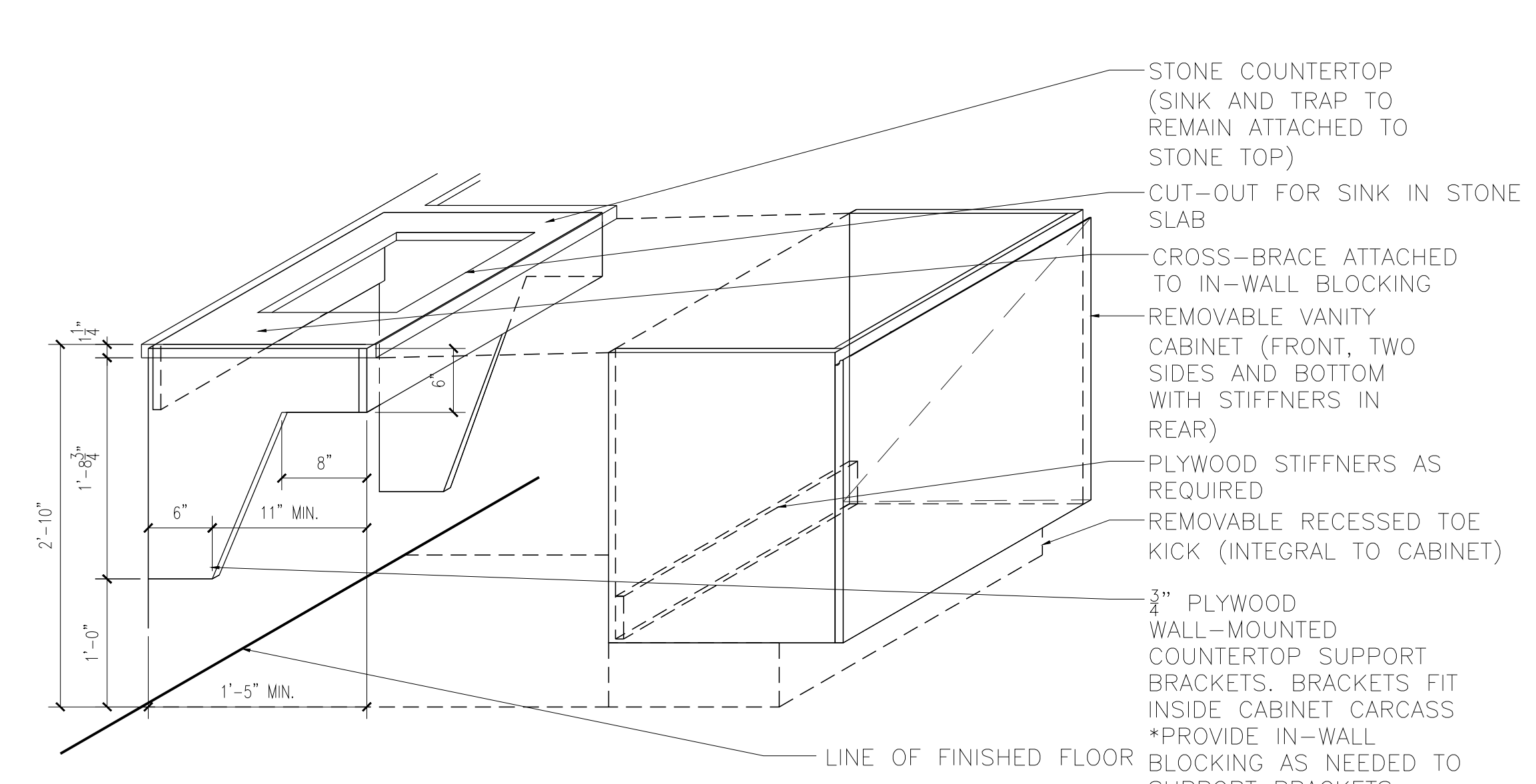
3 TYPICAL LIGHT SWITCH CONFIGURATIONS  
N.T.S. (WHERE APPLICABLE)



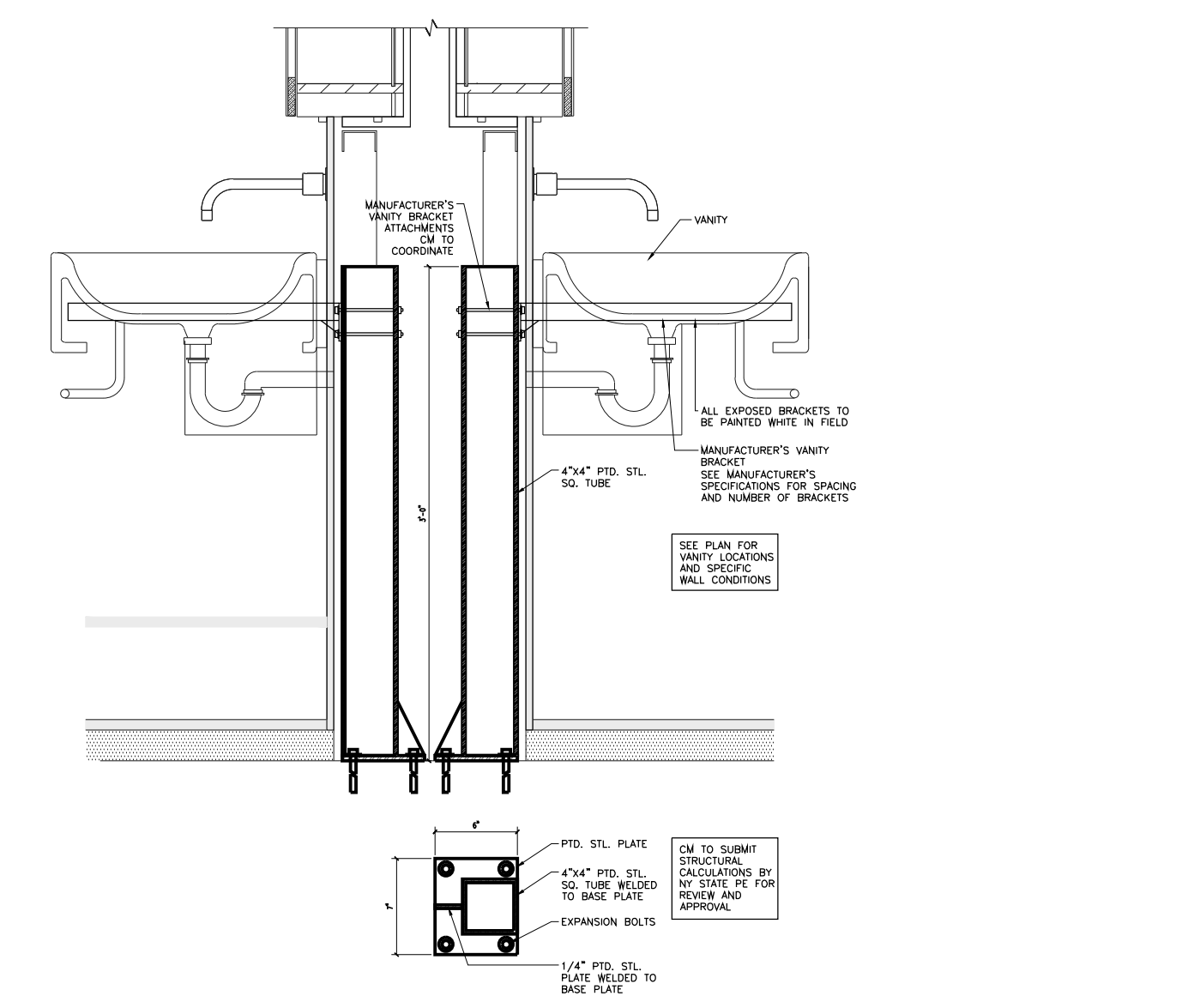
4 TYPICAL CEILING REGISTER LOCATION, U.O.N  
1/2" = 1'-0"



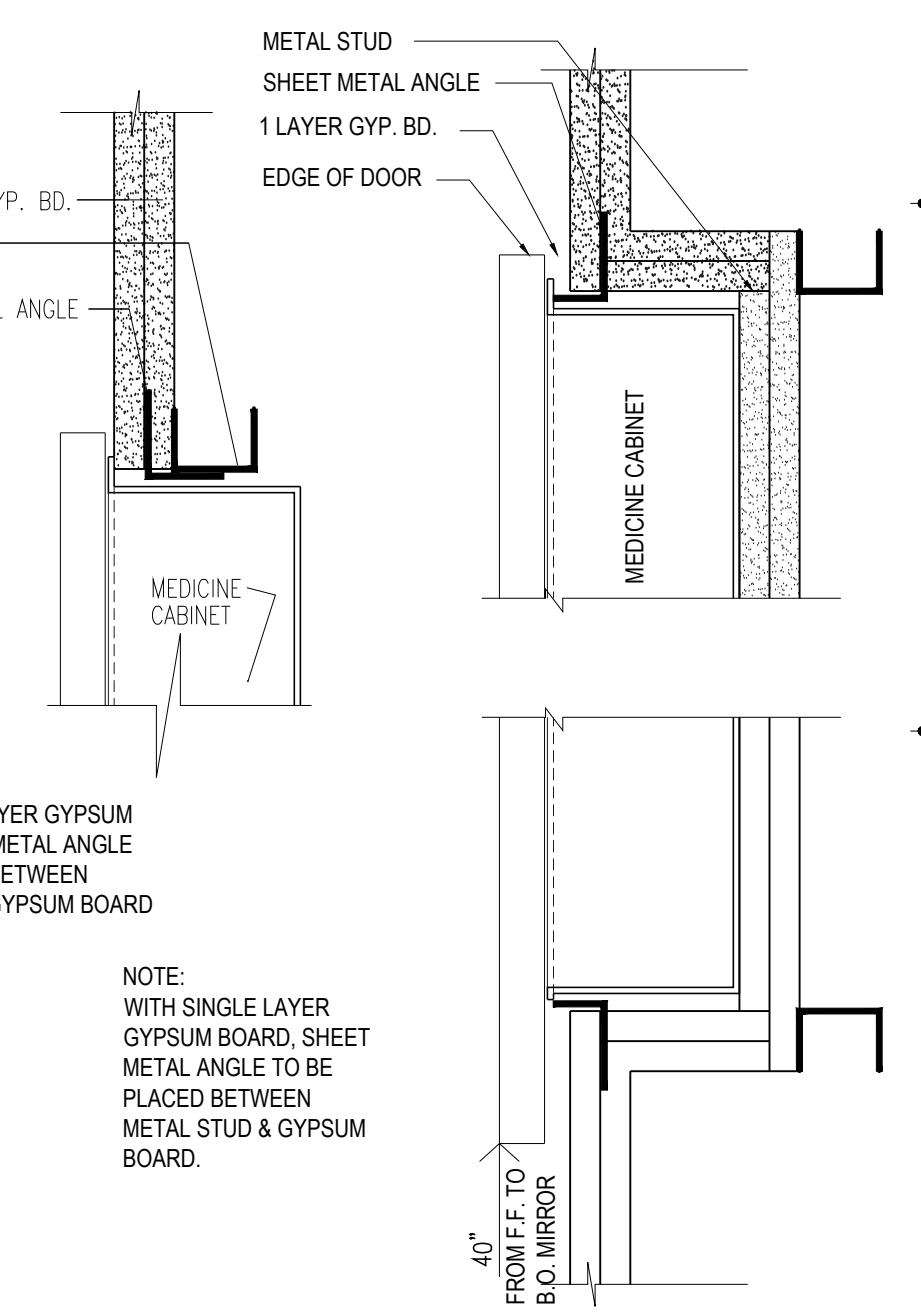
5 LAVATORY CLEARANCES  
1/2" = 1'-0" (SHADED AREA INDICATES ALLOWABLE UNDERCOUNTER ENCLOSURE)



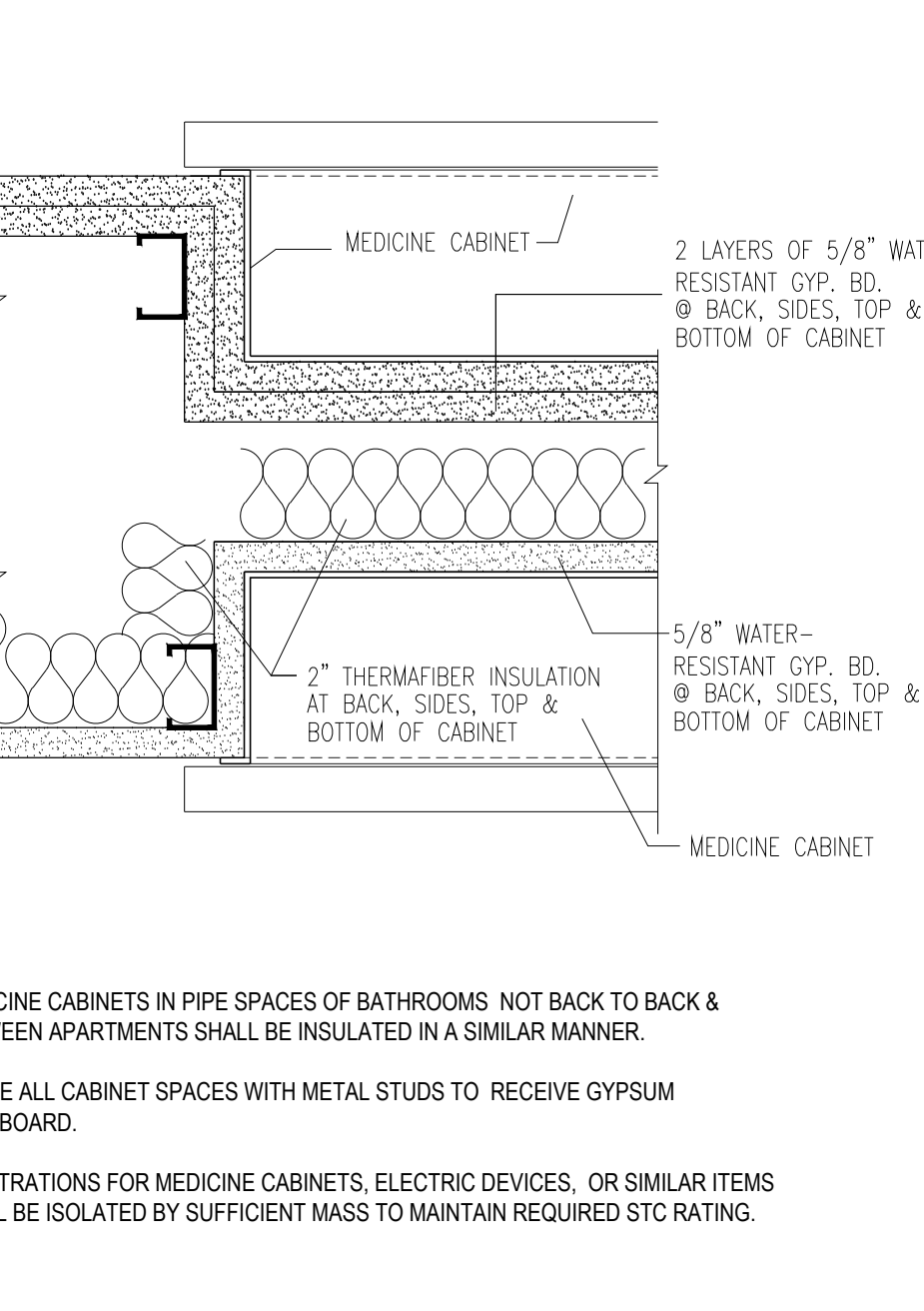
6 REMOVABLE VANITY  
SCALE: 1" = 1'-0"



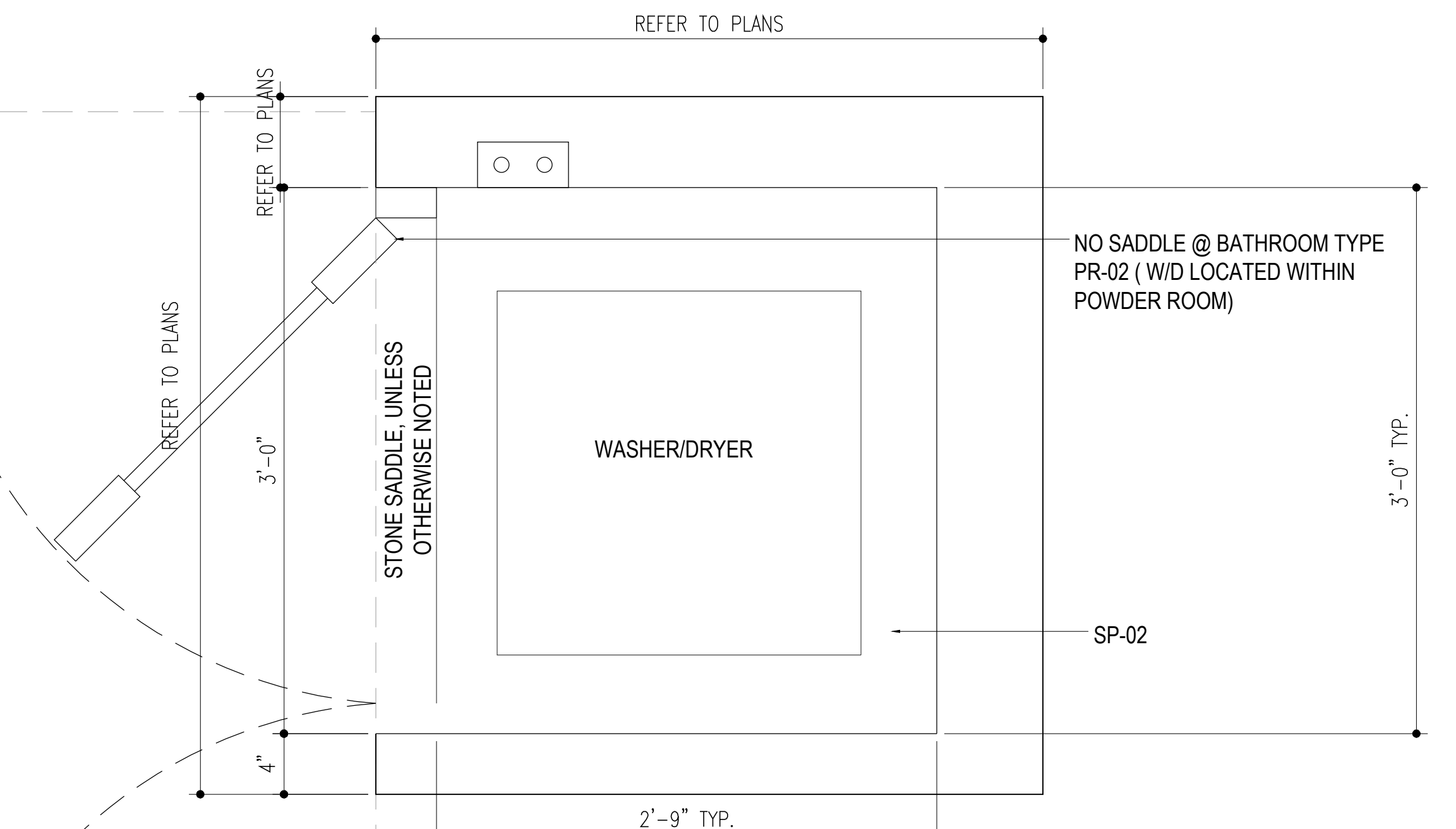
7 (ALTERNATE) VANITY SINK VERTICAL SUPPORT BRACKET  
SCALE: 1" = 1'-0"



8 MEDICINE CABINET  
3" = 1'-0"



9 MEDICINE CABINET AT RATED WALL  
3" = 1'-0"



10 TYPICAL POWDER ROOM WASHER/DRYER CLOSET PLAN  
1" = 1'-0"

- BATHROOM NOTES**
- NOTES AND DETAILS TYPICAL FOR ALL POWER ROOMS, U.O.N.
  - NOTES AND DETAILS TYPICAL FOR ALL SECONDARY BATHROOMS, U.O.N.
  - NOTES AND DETAILS TYPICAL FOR ALL MASTER BATHROOMS, U.O.N.
  - SEE PLAN FOR ORIENTATION OF BATHROOMS, TYP.
  - SEE PLAN FOR ORIENTATION OF POWER ROOMS, TYP.
  - SEE INTERIOR DESIGNER DRAWINGS FOR ADDITIONAL INFORMATION.
  - SEE A-003 FOR ADDITIONAL ACCESSIBILITY REQUIREMENTS AND INFORMATION.
  - SEE MEP DWGS. FOR ADDITIONAL INFORMATION, TYP.
  - SEE REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION.
  - ALL GLASS ENCLOSING SHOWERS TO BE TEMPERED.
  - ALL MARBLE EDGES TO BE POLISHED.
  - ALIGN MATCHING WALL TILE JOINTS WITH ADJACENT WALLS.
  - PROVIDE BLOCK/GROUNDS SUPPORT IN PARTITIONS, AS REQUIRED, TO SUPPORT MEDICINE CABINETS, ETC.
  - ALLOW FOR HANDICAPPED ADAPTABILITY AT ALL VANITY CABINETS AT TYPE "A" AND TYPE "P" BATHROOMS AND POWDER ROOMS.
  - CAULK SEAL AT ALL STONE TILE AND STUOLS WHERE IT ADJOINS A DIFFERENT MATERIAL, TYPICAL AT ALL BATHROOMS AND POWDER ROOMS.
  - EXAMPLE OF LOCATIONS TO INCLUDE:  
-TUB TO TILE  
-VANITY TO TILE  
-TOILET TO TILE  
-DOOR BUCK TO TILE  
-GYPSUM BOARD (WALL) TO TILE  
IN ADDITION, CAULK SEAL AT VANITY TOP TO TILE LOCATIONS.
  - PROVIDE FULL HEIGHT WOOD BLOCKING AT HINGE SIDE OF ALL SHOWER DOORS, TYP.
  - FOR DOORS REFER TO DOOR SCHEDULE.
  - ALL MEASUREMENTS ARE TAKEN FROM INSIDE FINISHES.
  - CONTRACTOR TO VERIFY ALL MEASUREMENTS IN FIELD.
  - IN CASE OF CONFLICT BETWEEN ELEMENT POSITION AND PLACEMENT G.C. TO NOTIFY ARCHITECT PRIOR TO ANY ACTION.
  - MOUNTING HEIGHT FOR SWITCHES IS 42" FROM FINISH FLOOR.
  - MOUNTING HEIGHT OF MEDICINE CABINET 44" TOP OF LOWER SHELF, EITHER OR, 40" MOUNTED HEIGHT OF MIRROR A.F.F. AT BOTTOM OF REFLECTED SURFACE, U.O.N.
  - PROVIDE FINISH WALL BEHIND BATHROOM BASE CABINETS.
  - SHOWER DOORS TO BE EASILY REMOVABLE TO ALLOW ACCESSIBILITY AS PER ADA REQUIREMENT.



KEY PLAN

- NOTES:**
- 06/08/2017 DOB SUBMISSION
  - 06/02/2017 ISSUED AS PER ENERGY COMMENTS
  - 06/02/2017 DOB SUBMISSION/FOUNDATION
  - 05/28/2017 100% CD SUBMISSION
  - 05/10/2017 DOB SUBMISSION
  - 04/20/2017 DOB SUBMISSION
  - 04/19/2017 90% CD SUBMISSION
  - 04/16/2017 ISSUED AS PER ENERGY COMMENTS
  - 04/03/2017 DOB SUBMISSION
  - 03/17/2017 80% CD SUBMISSION
  - 03/03/2017 DOB SUBMISSION
  - 02/17/2017 ISSUED AS PER ENERGY COMMENTS
  - 02/17/2017 60% CD SUBMISSION (NOT FOR BID)
  - 02/12/2016 DOB SUBMISSION

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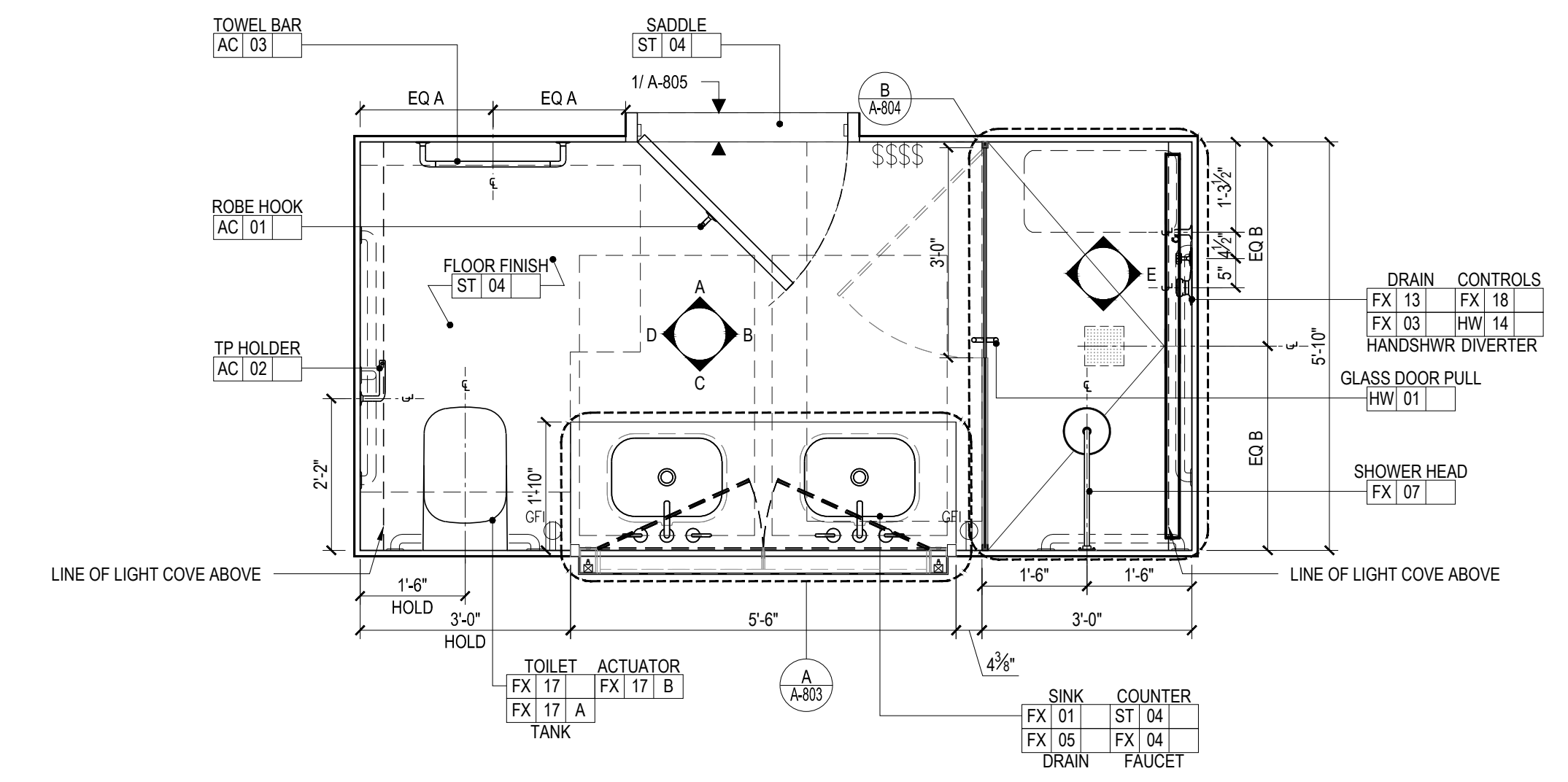
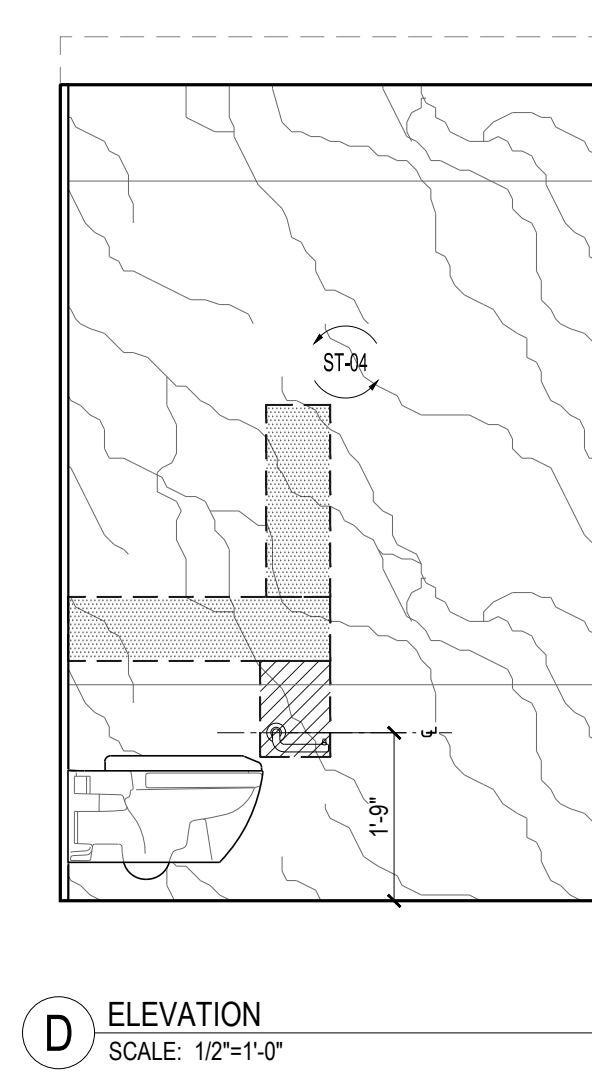
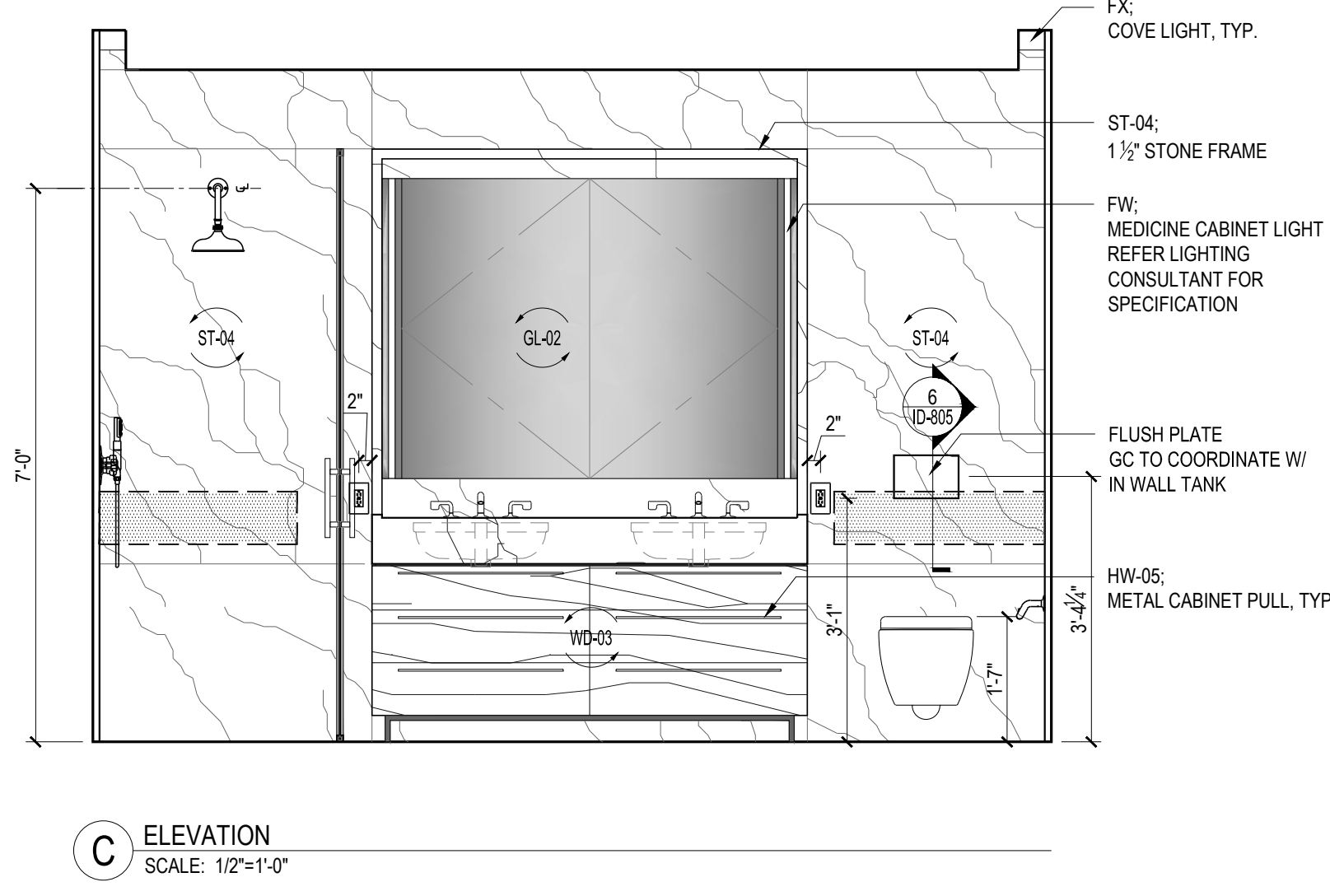
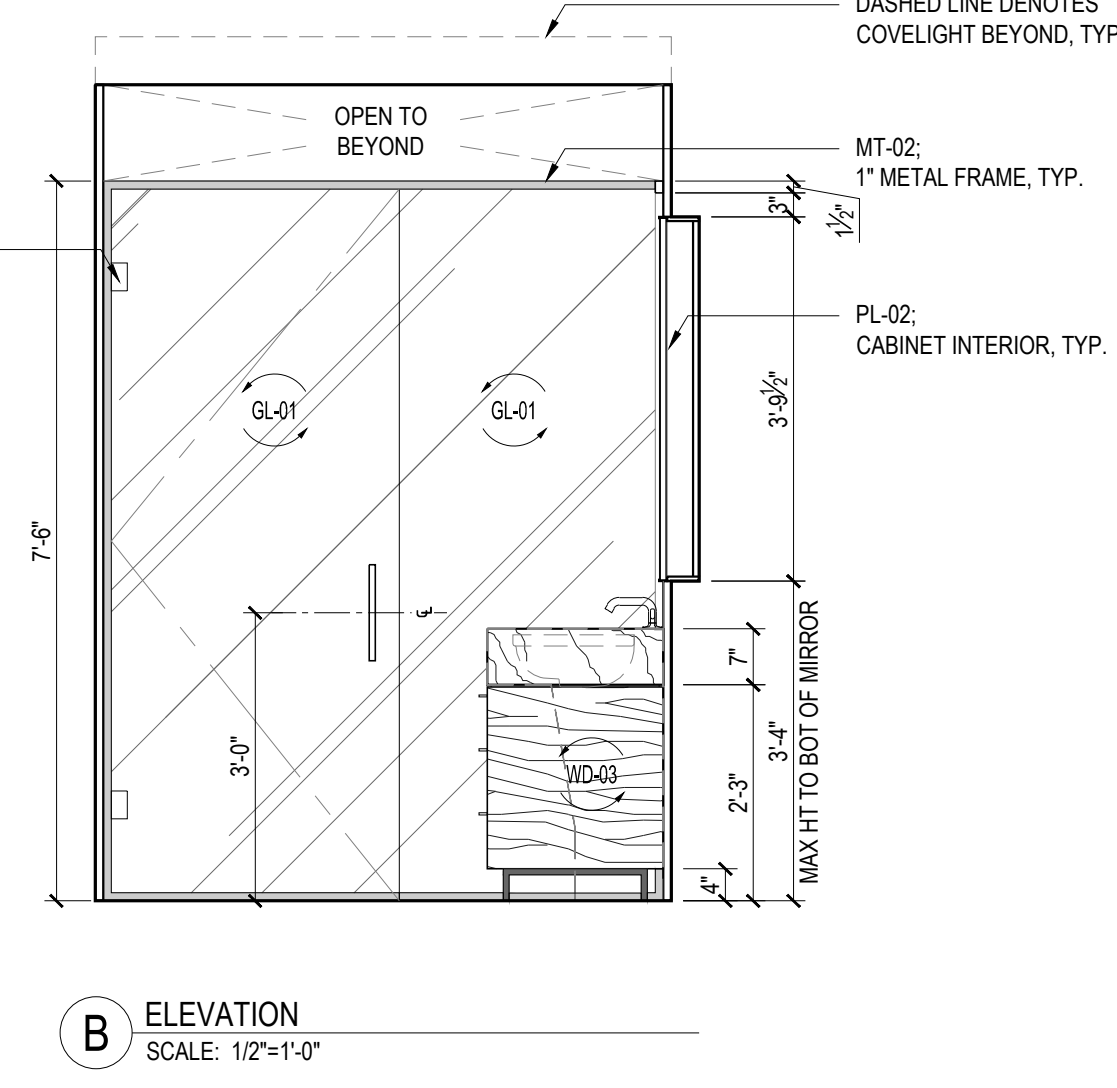
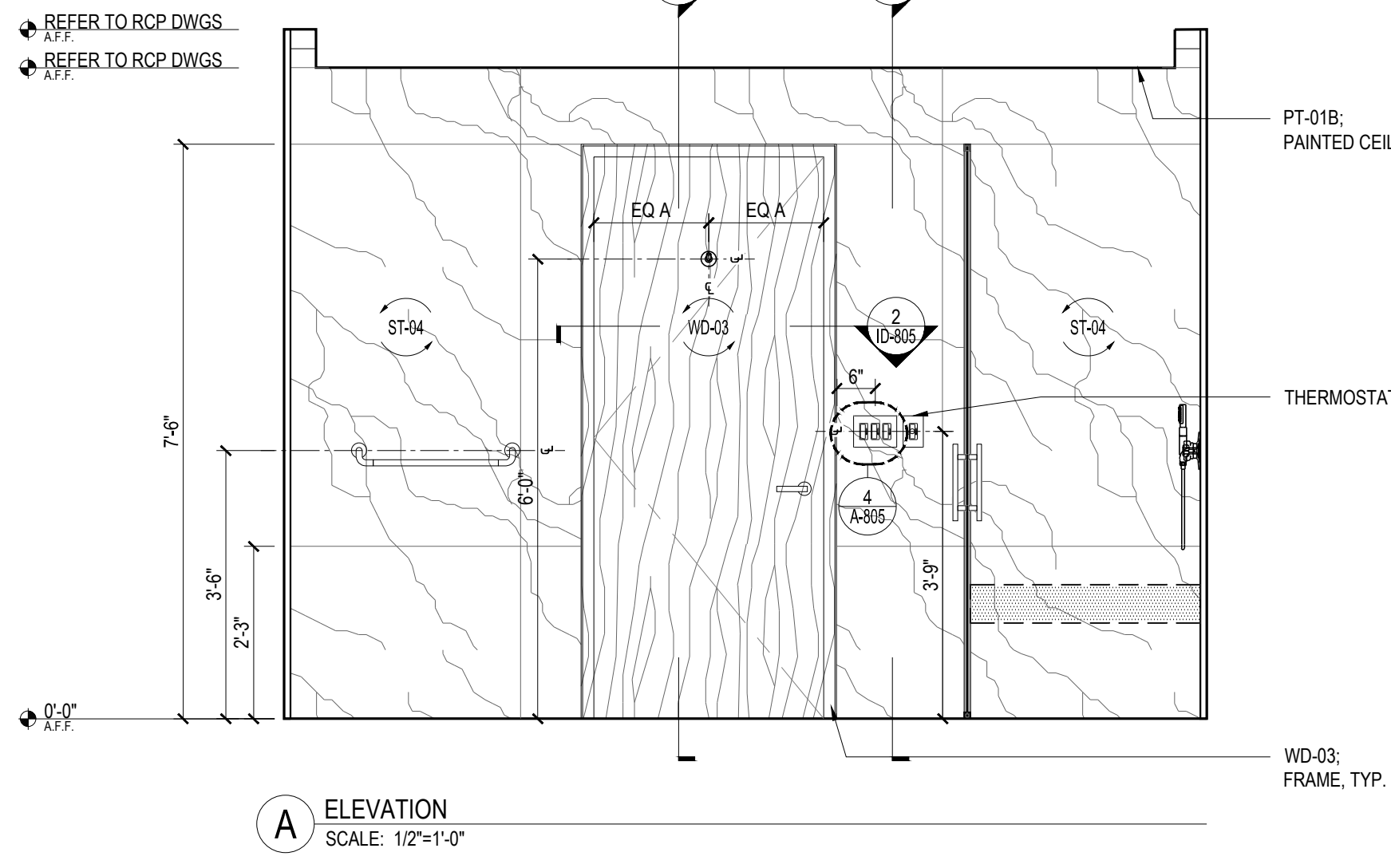
DOB STAMPS & SIGNATURES:

DWG TITLE:  
**BATHROOM NOTES & DETAILS**

SEAL & SIGNATURE:

DATE: 05/26/2017  
PROJECT #: 16A10  
SCALE: N.T.S.  
**A-800.00**  
DWG NO.  
NB#121191441

TYP. NOTE:  
ALIGN FLOOR PATTERN W/  
VANITY WALL SEAMS



NOTES:

16	10/06/2017	ADDENDUM 2
15	08/15/2017	ADDENDUM 1
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION/FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	60% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	60% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Project:  
**7 WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8907

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

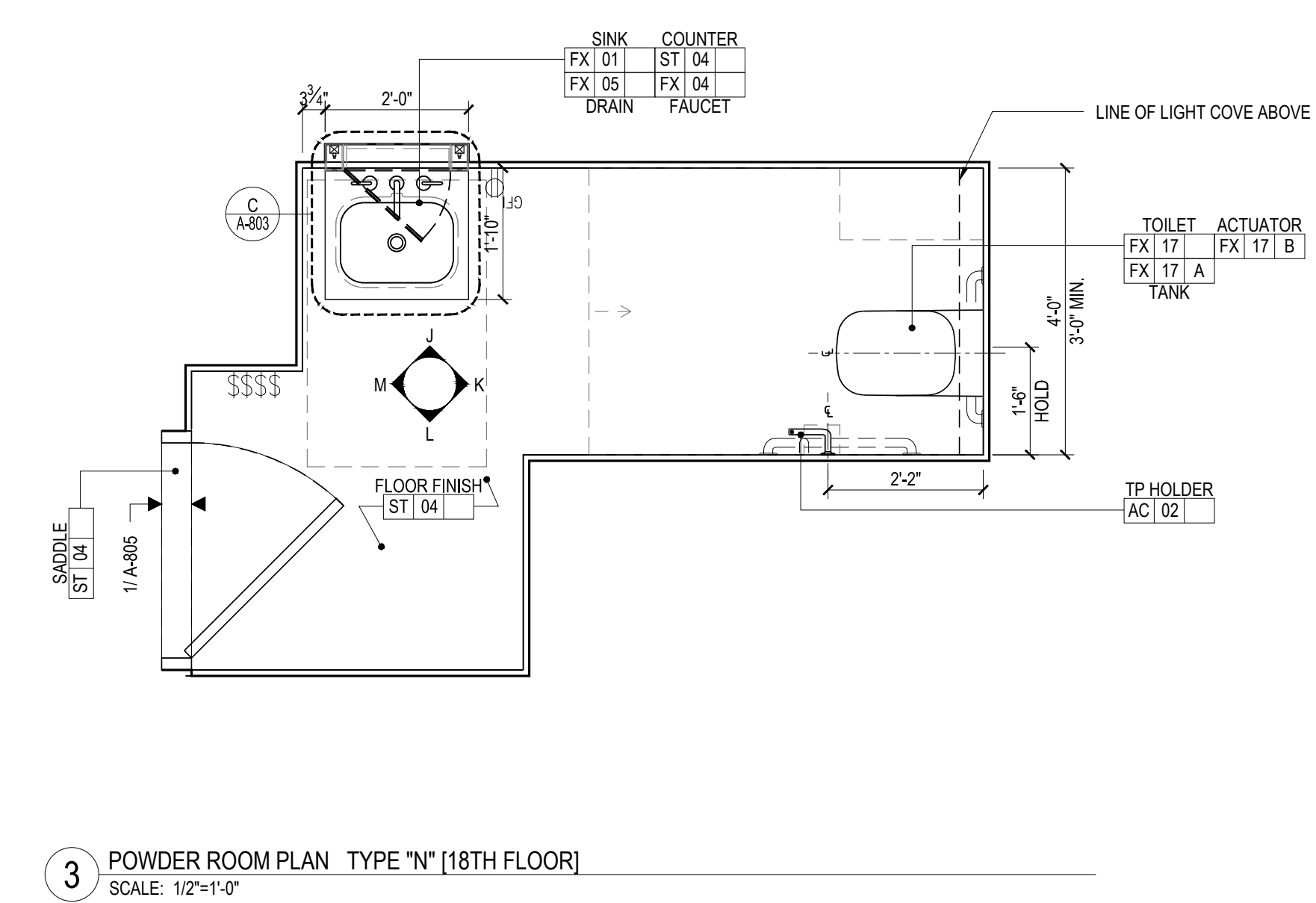
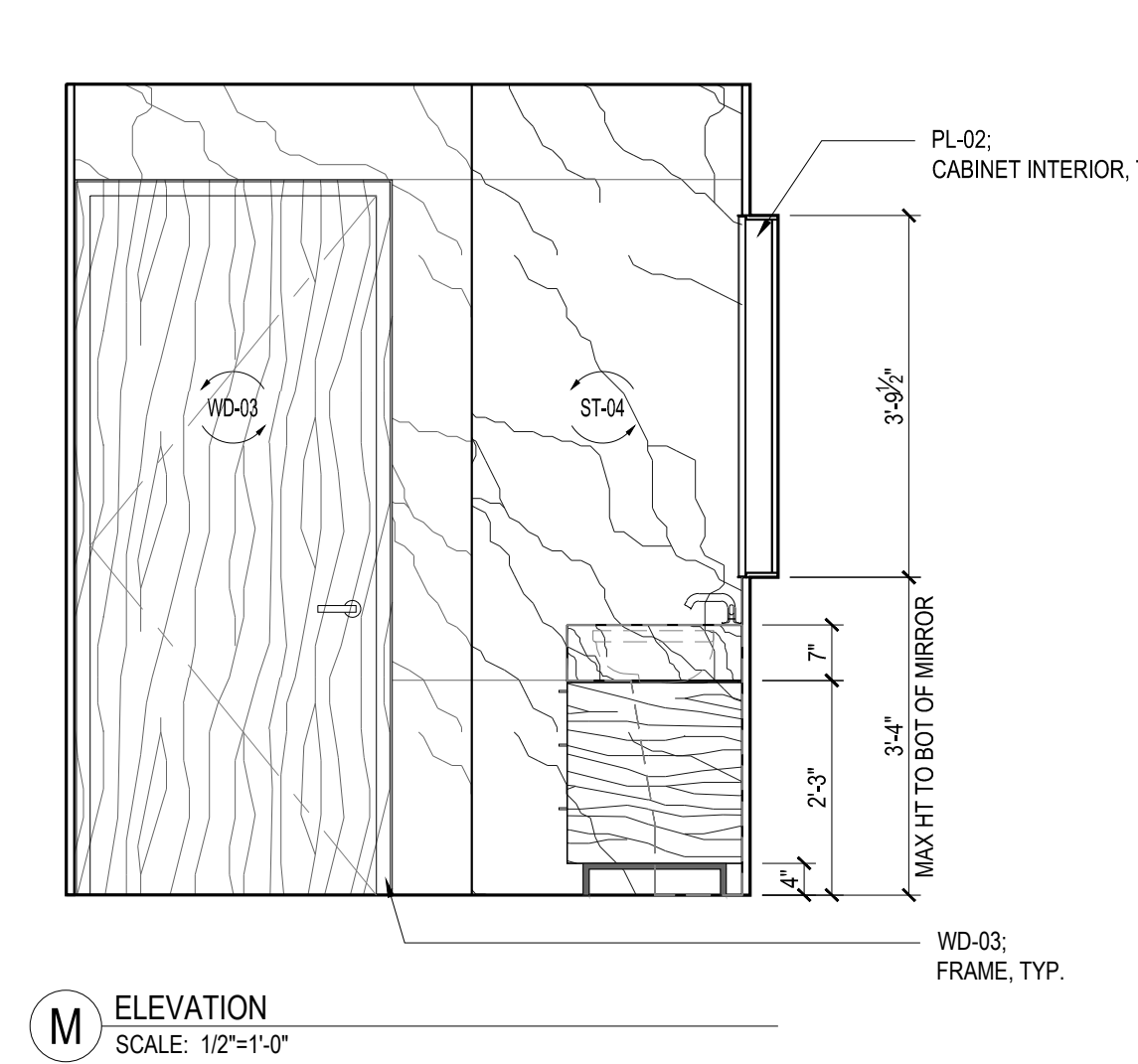
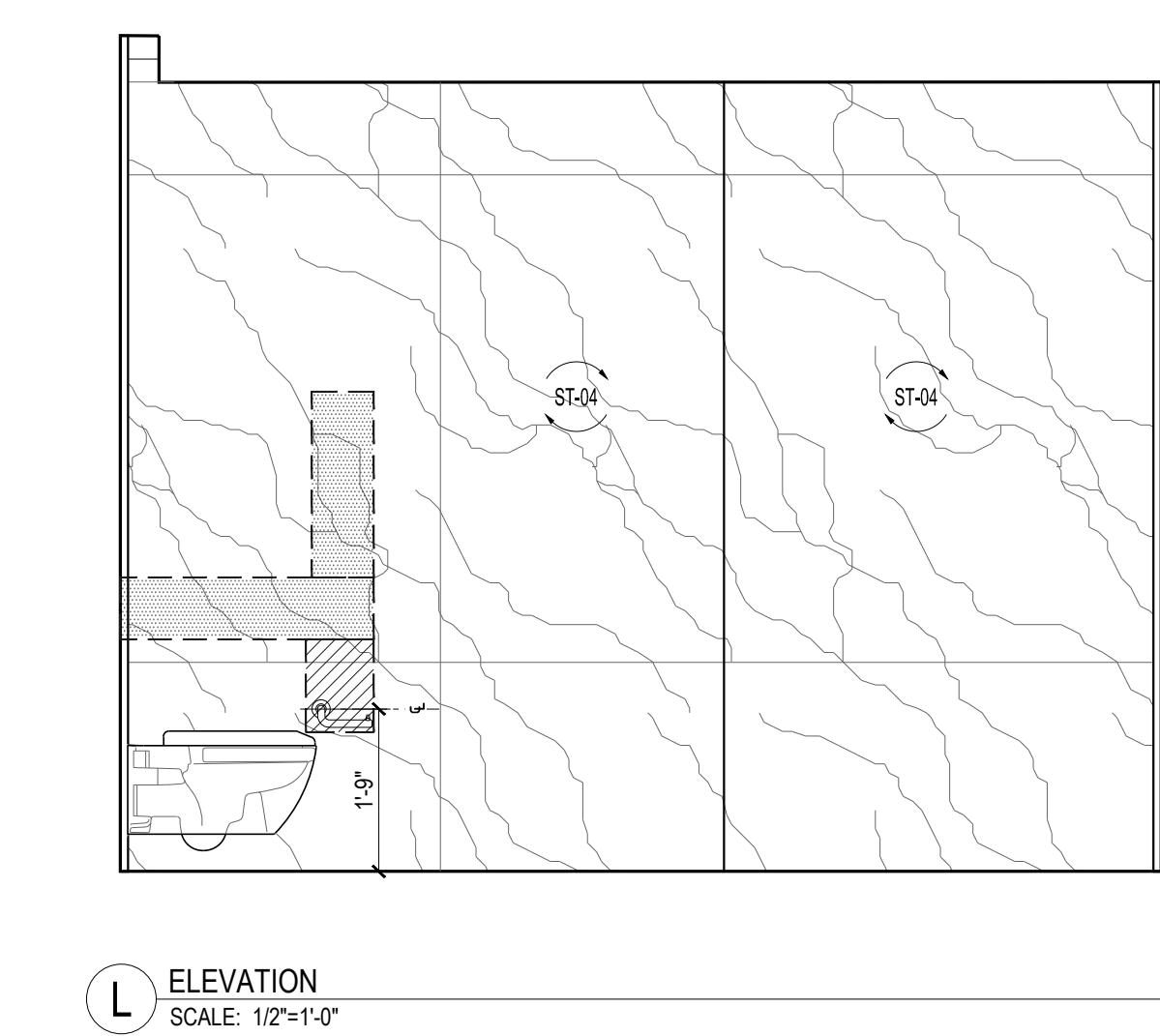
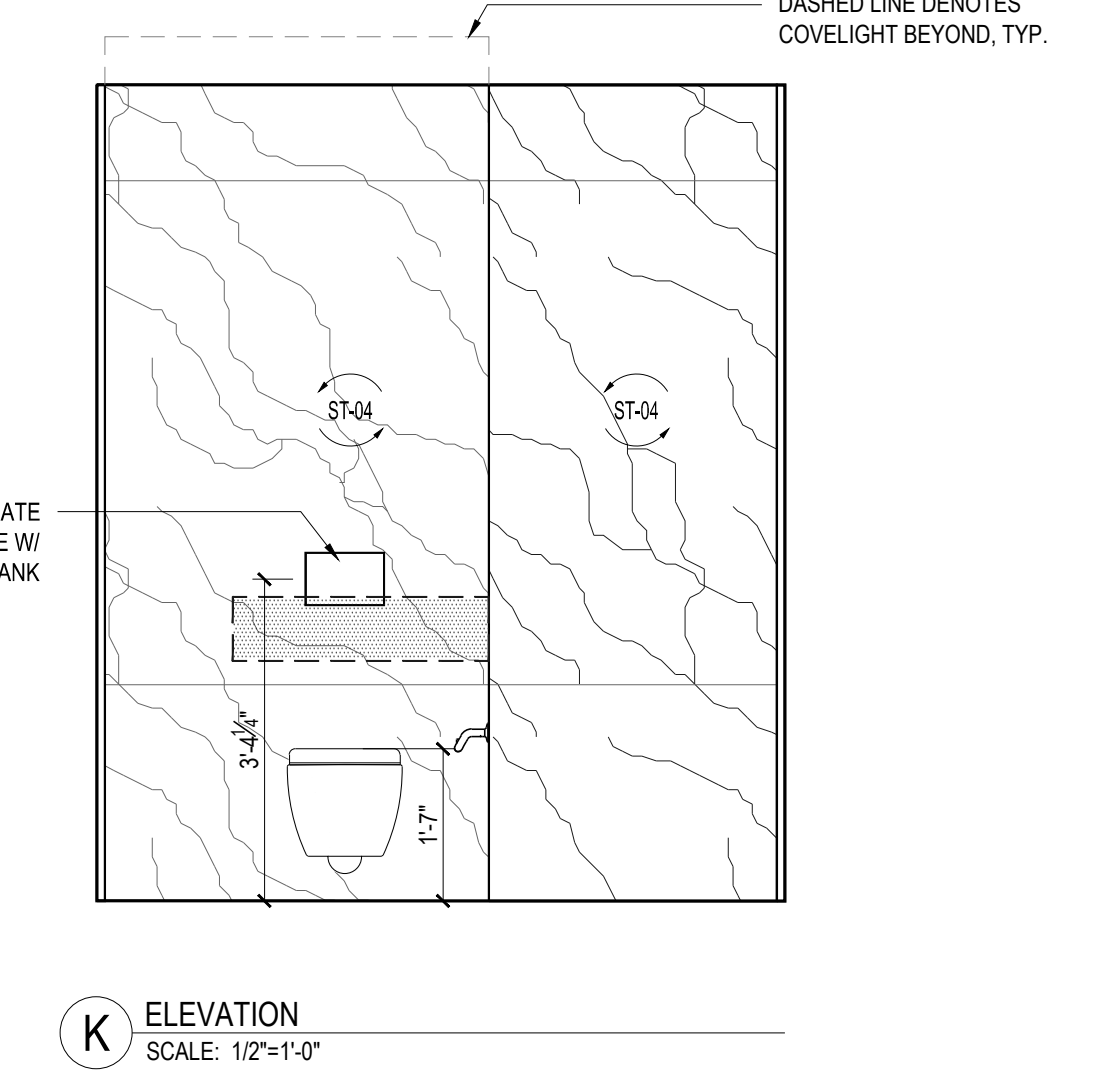
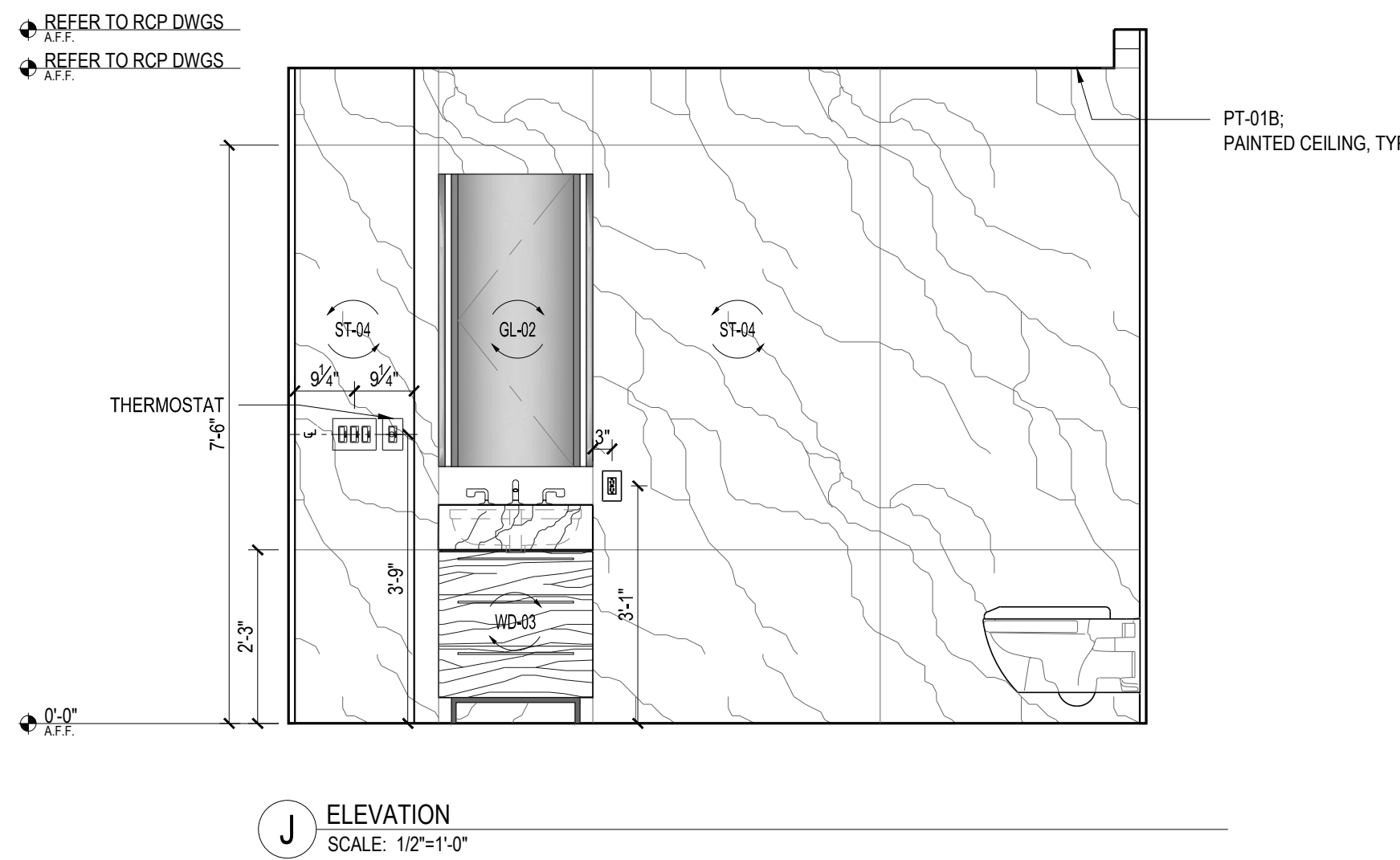
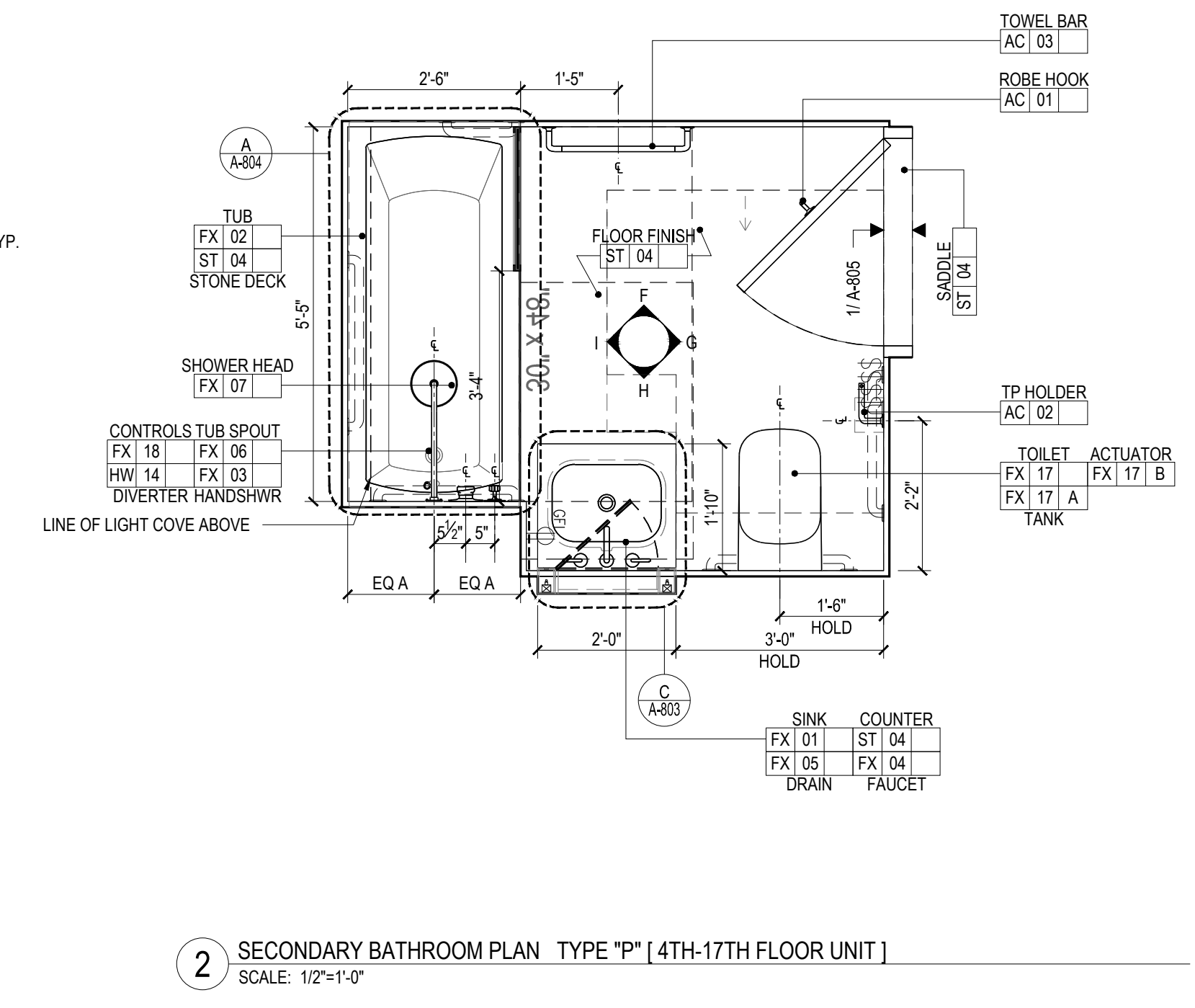
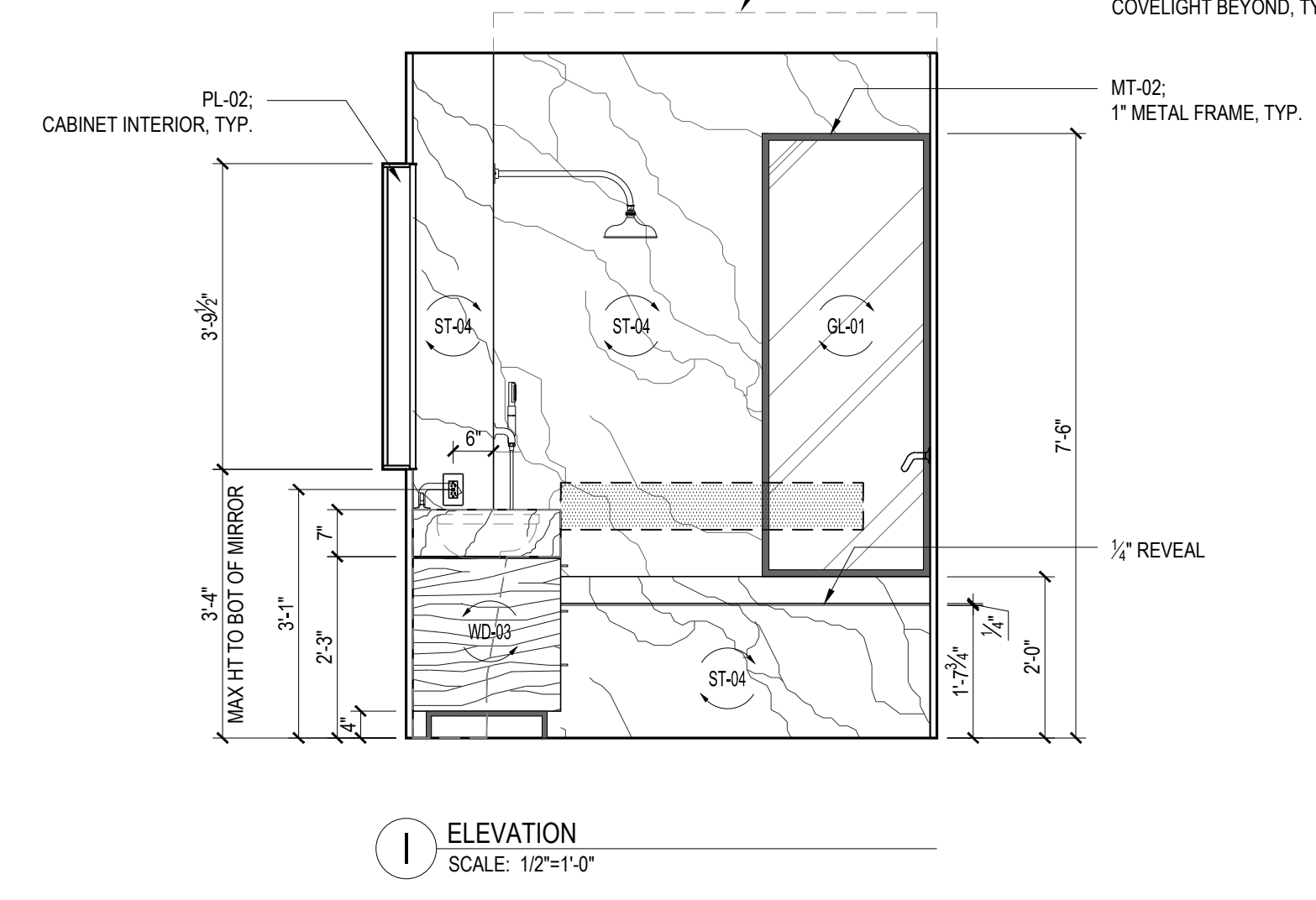
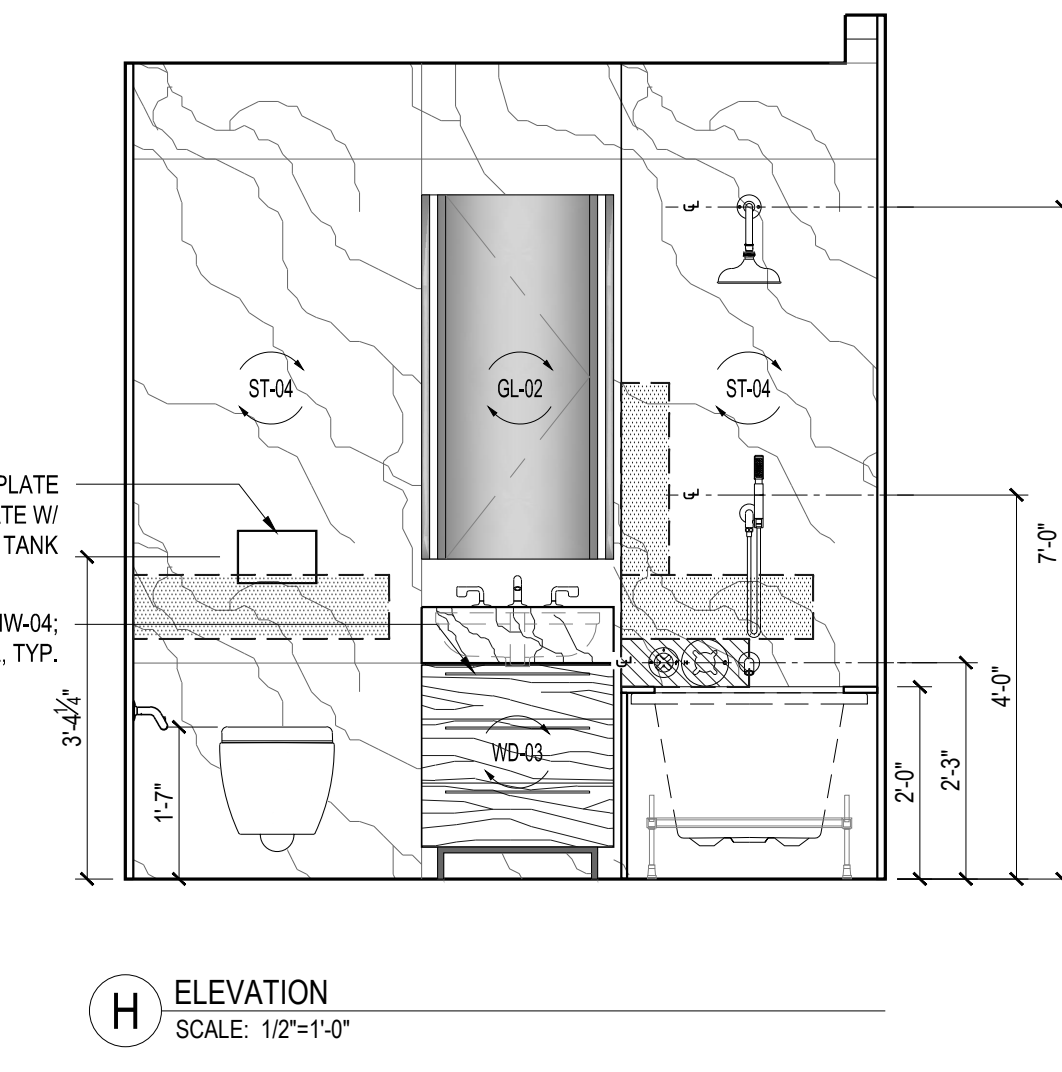
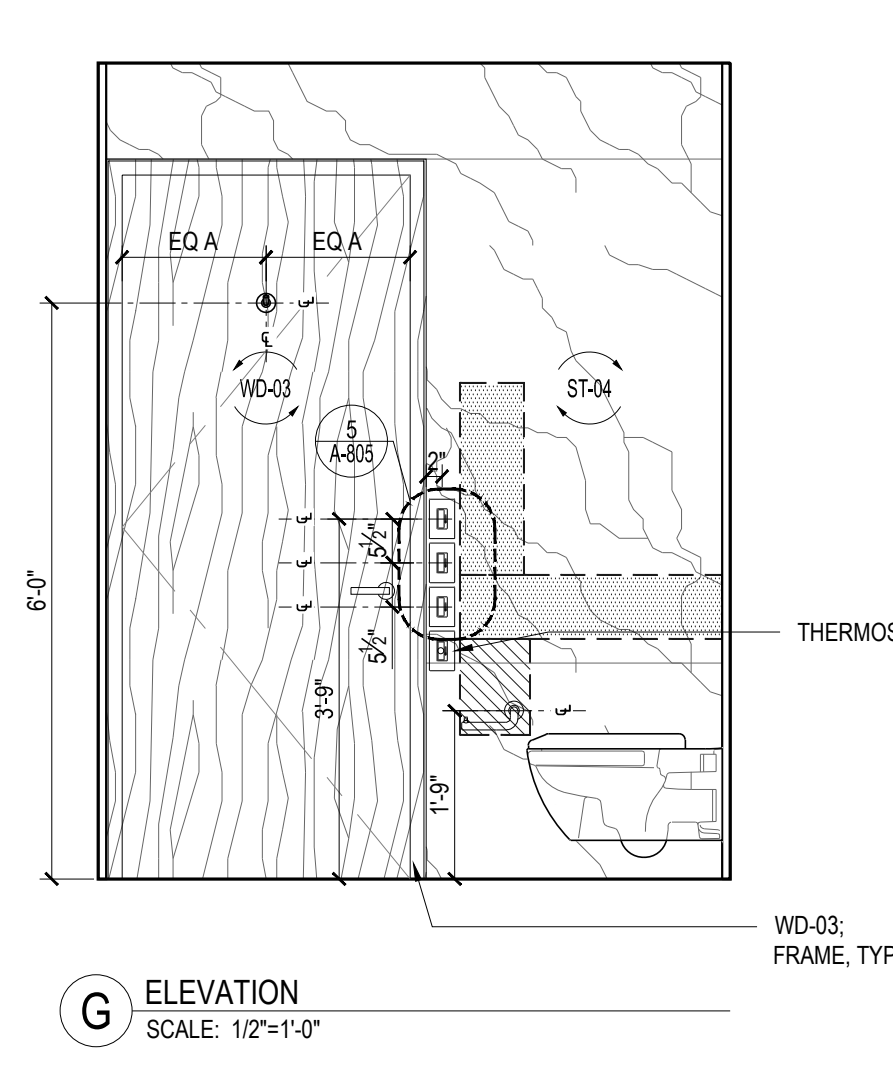
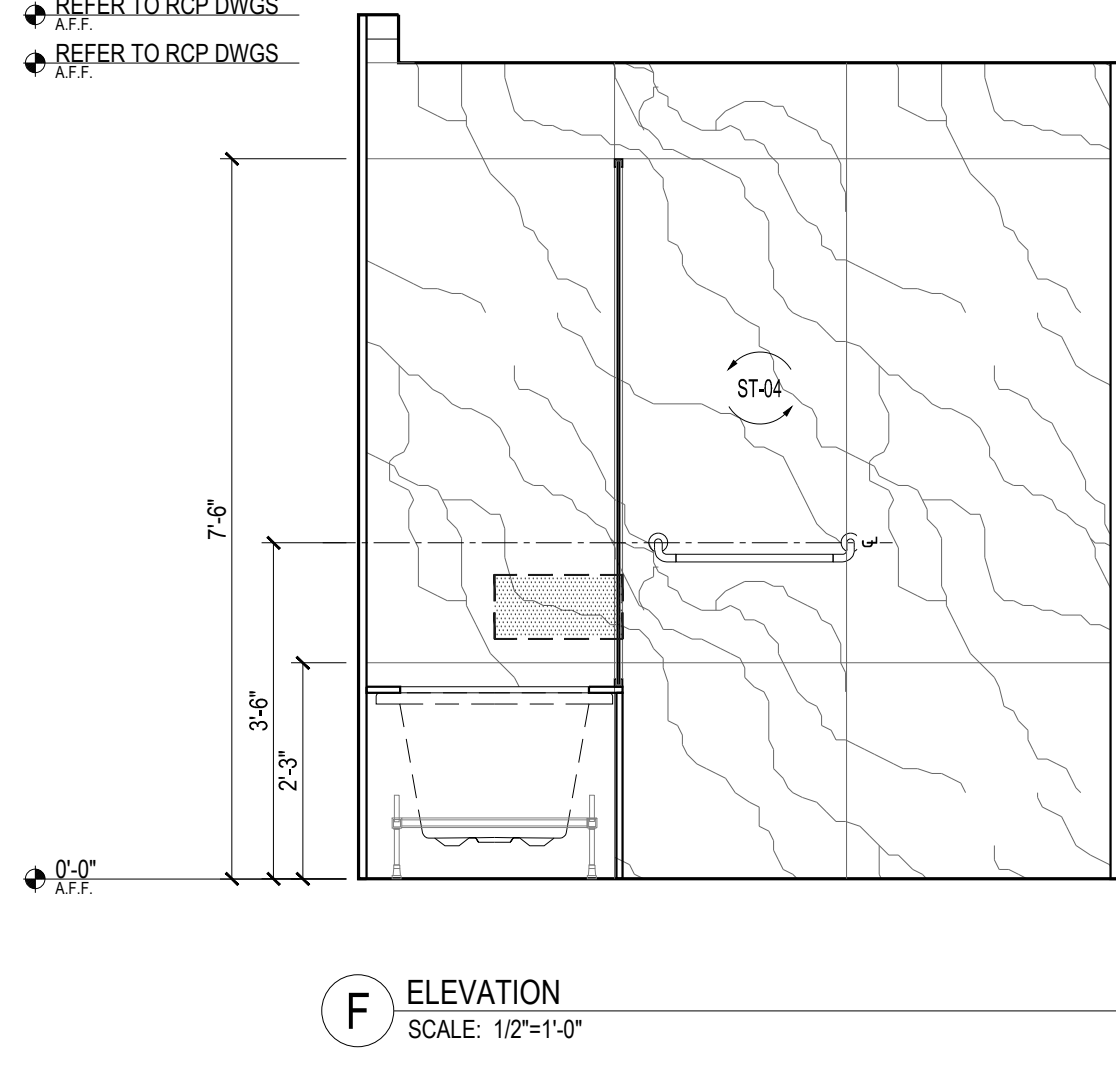
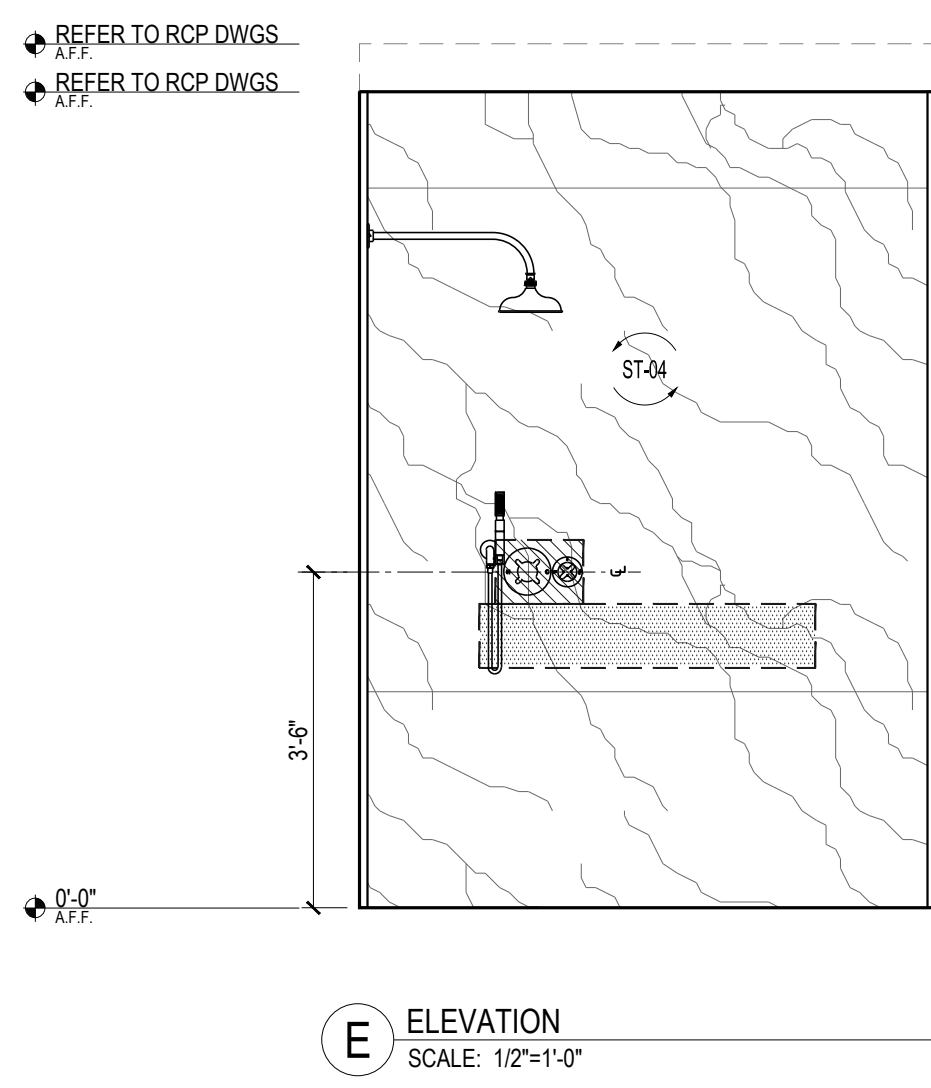
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

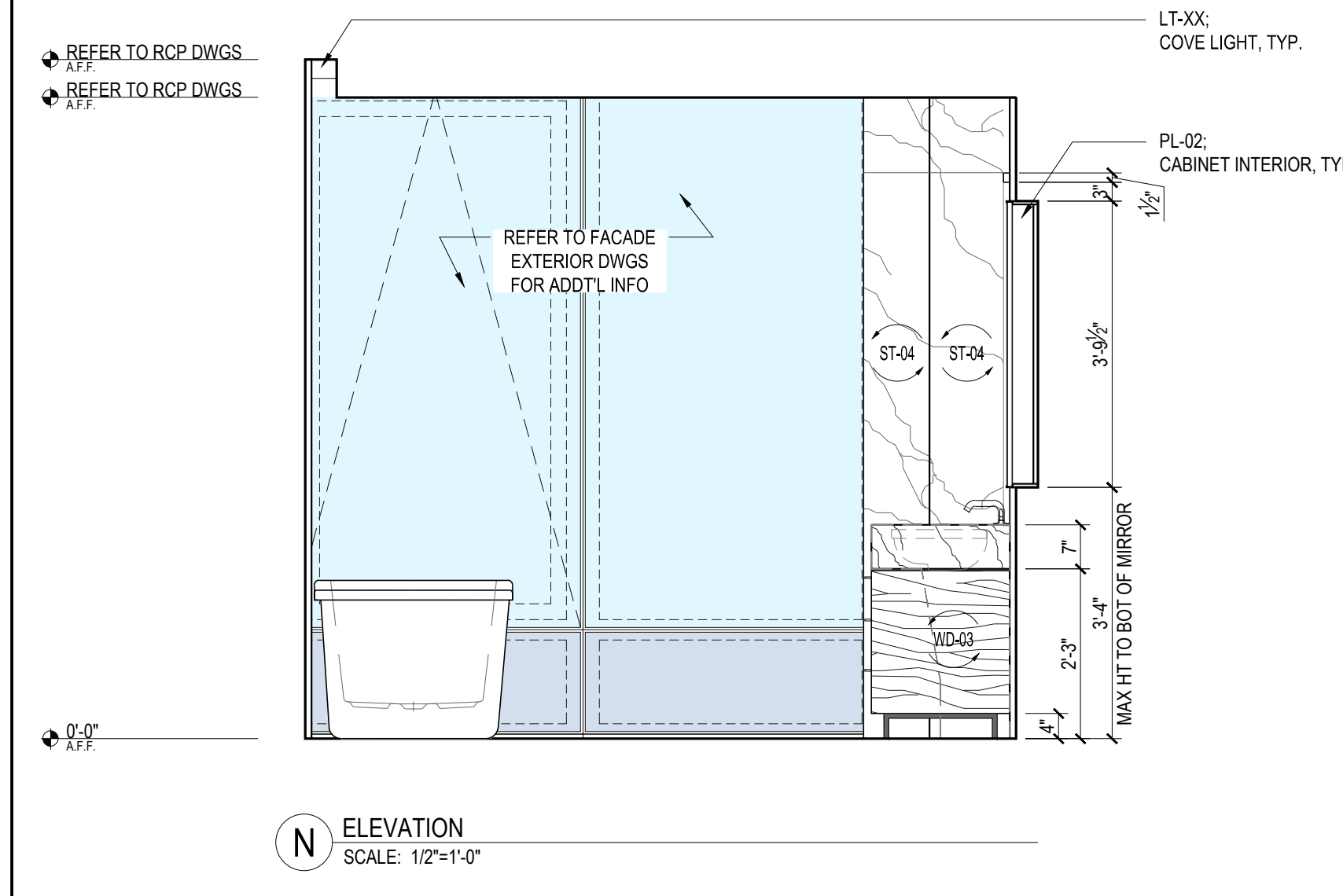
Building Envelope Consultant:  
**VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

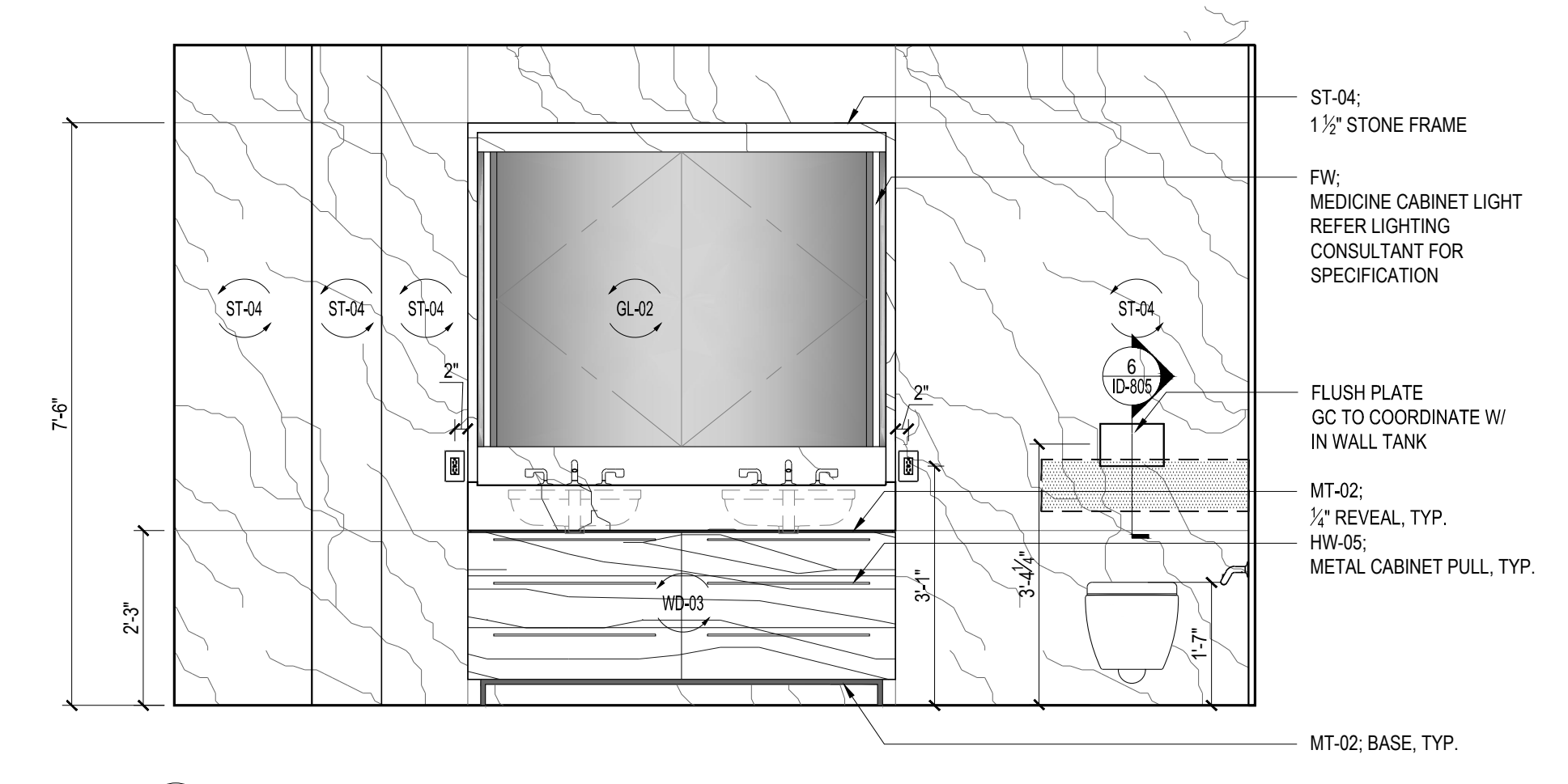
DWG TITLE:  
**BATHROOM PLANS  
AND ELEVATIONS**

SEAL & SIGNATURE:  
**CHARLES ARCHITECTS**  
DATE: 10/06/2017  
PROJECT #: 16A10  
SCALE: SEE DRAWINGS  
**A-801.00**  
DWG NO.  
NB#12191441

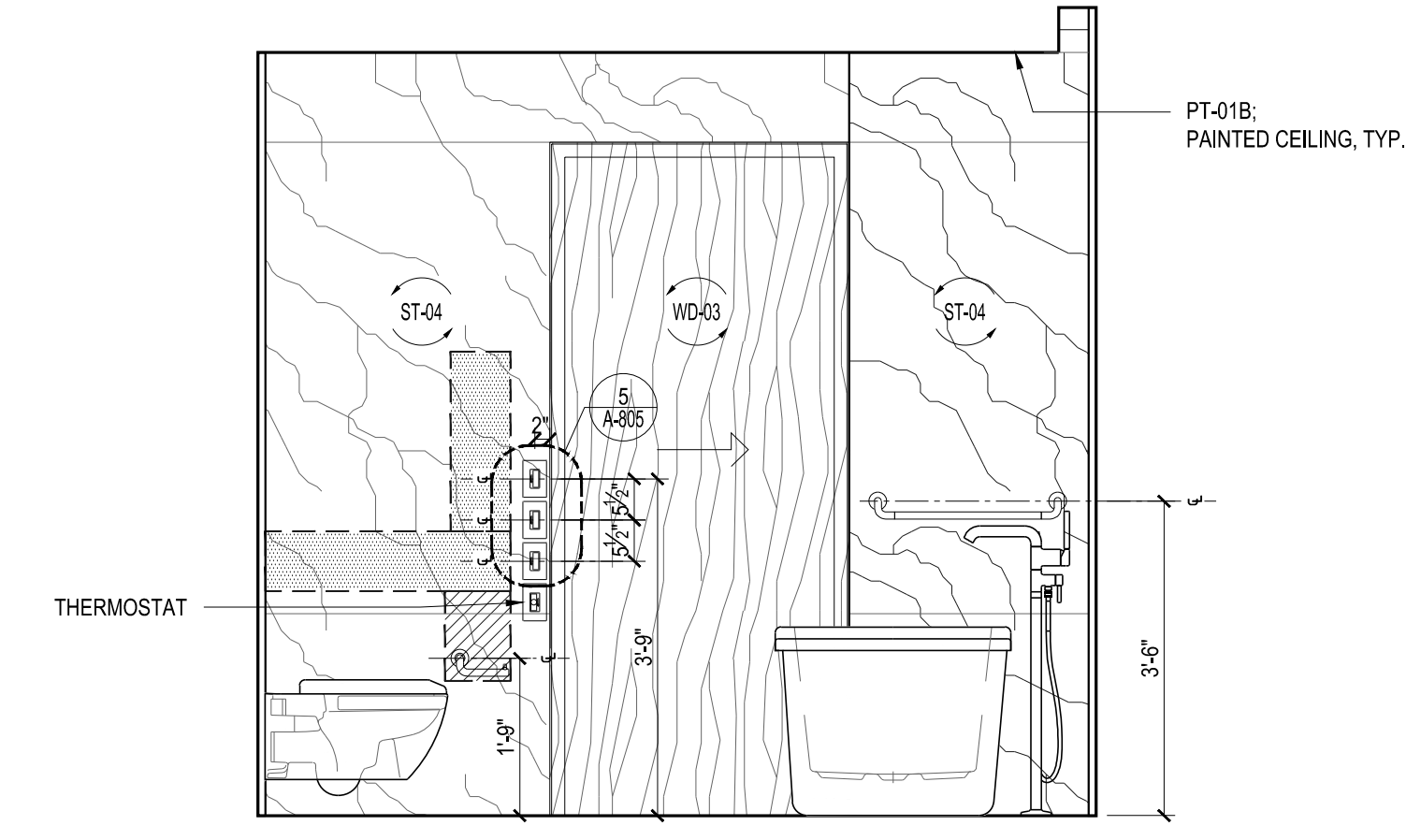




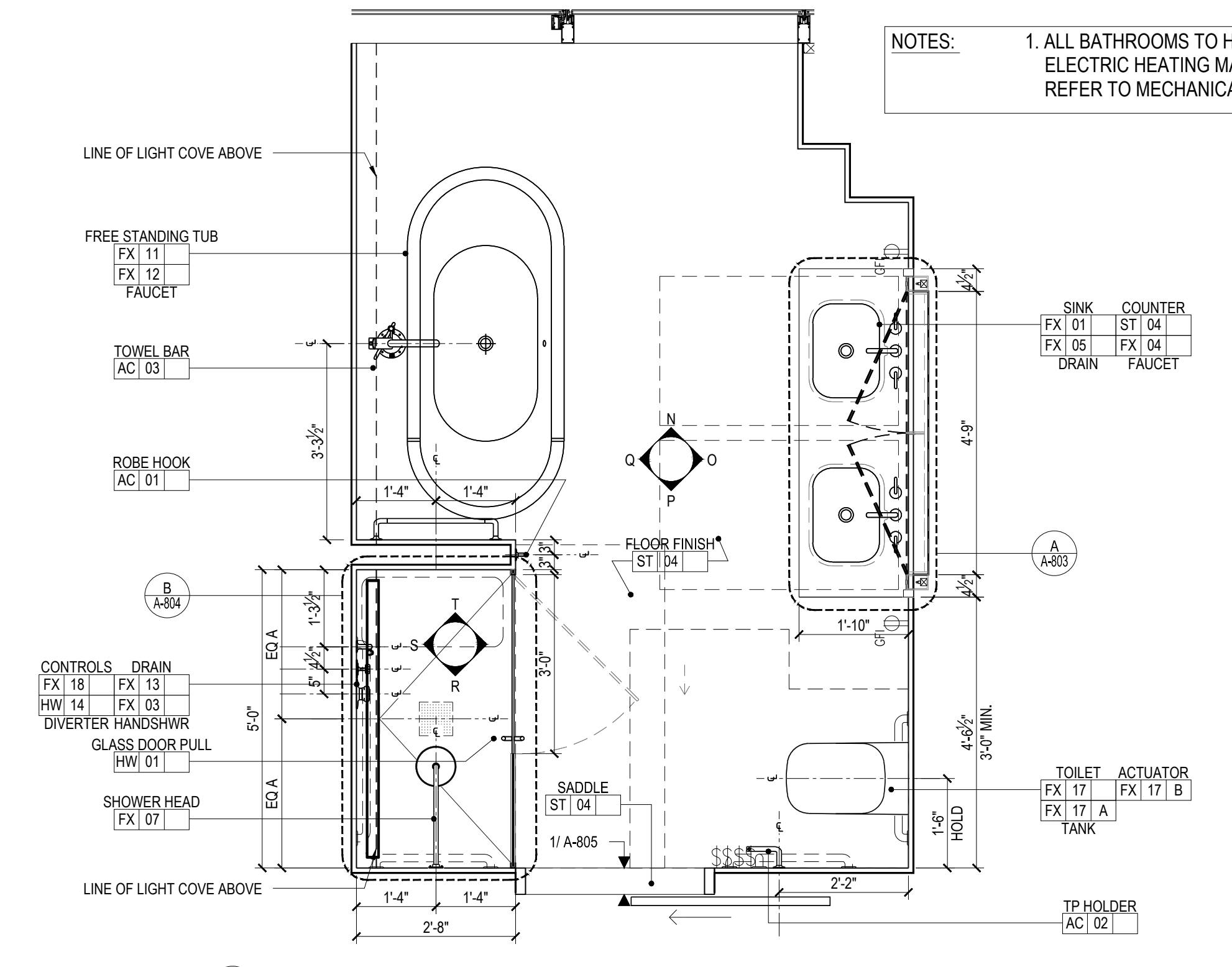
N ELEVATION  
 SCALE: 1/2"=1'-0"



O ELEVATION  
 SCALE: 1/2"=1'-0"

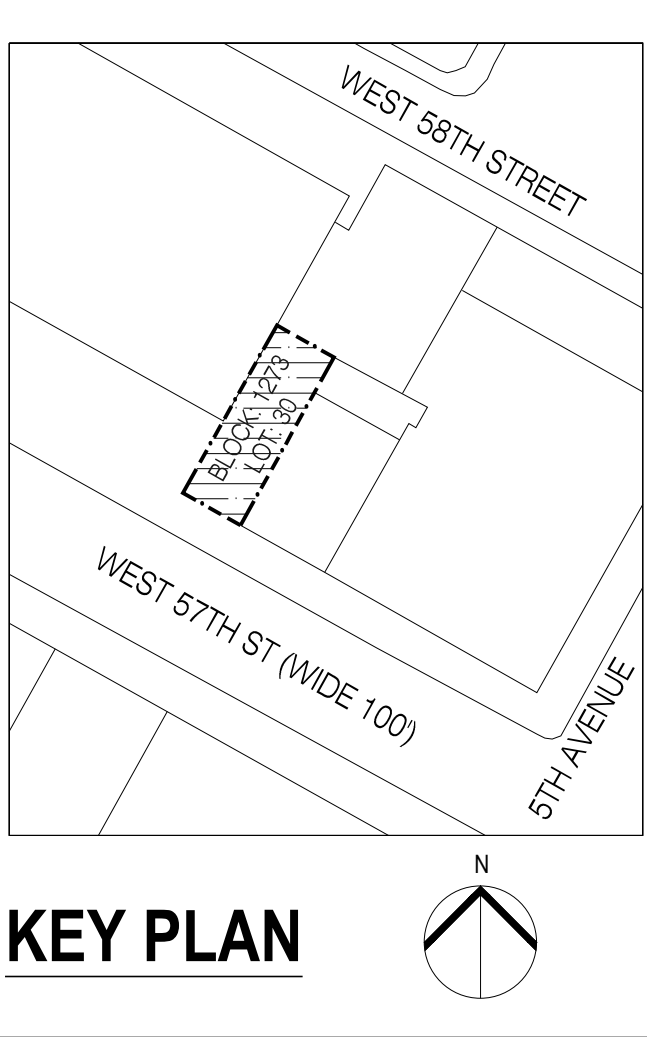


P ELEVATION  
 SCALE: 1/2"=1'-0"



4 DUPLEX MASTER BATHROOM PLAN TYPE "N" (19TH FLOOR)  
 SCALE: 1/2"=1'-0"

NOTES:  
 1. ALL BATHROOMS TO HAVE ELECTRIC HEATING MATS, TYP. REFER TO MECHANICAL NOTES.



NOTES:

16	10/06/2017	ADDENDUM 2
15	08/15/2017	ADDENDUM 1
14	06/08/2017	DOB SUBMISSION
13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION/FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: Date: Revision:  
 Project:  
**7 WEST 57TH STREET NEW YORK, NY 10019**

Client:  
**SOLOW57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8007

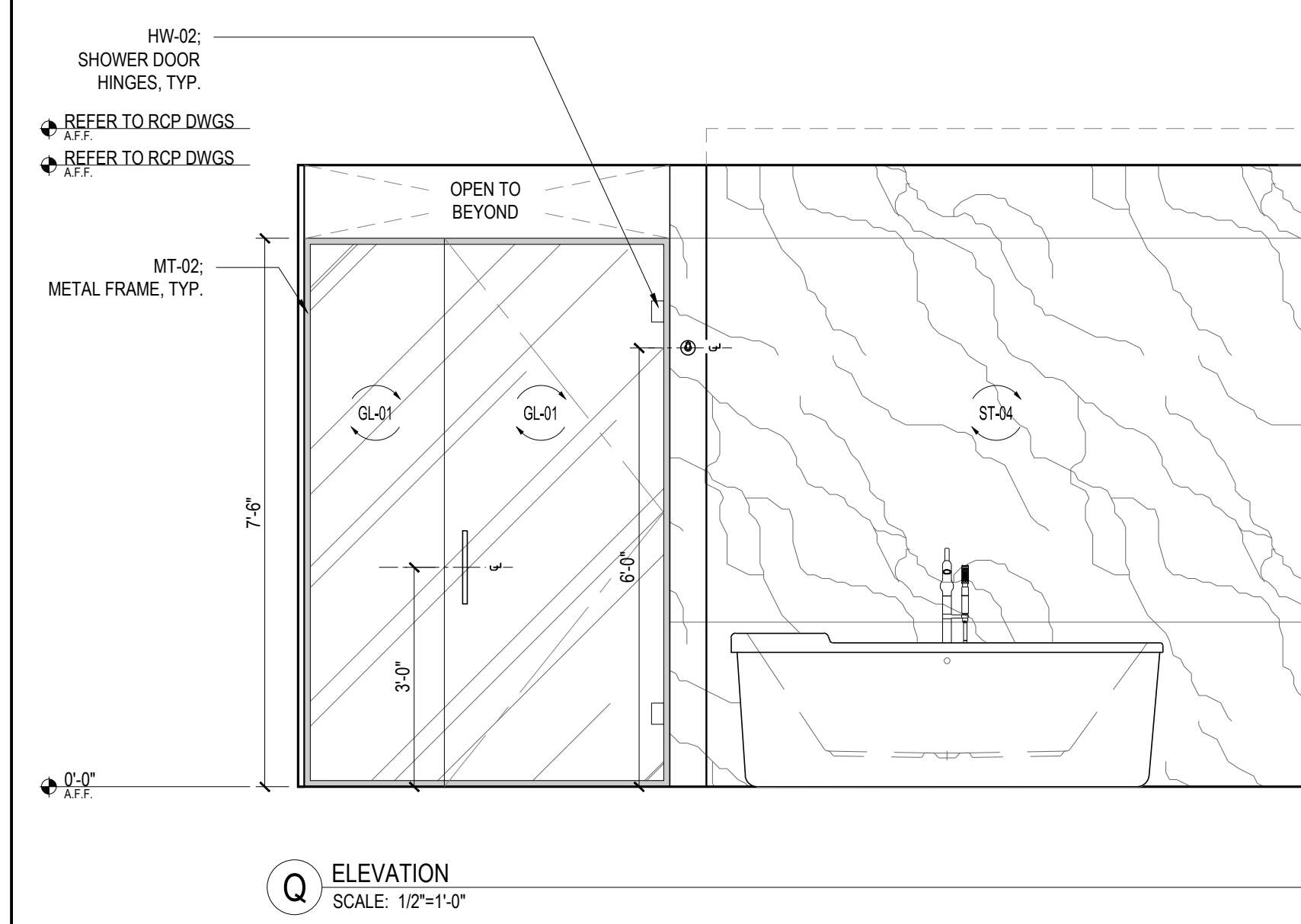
Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

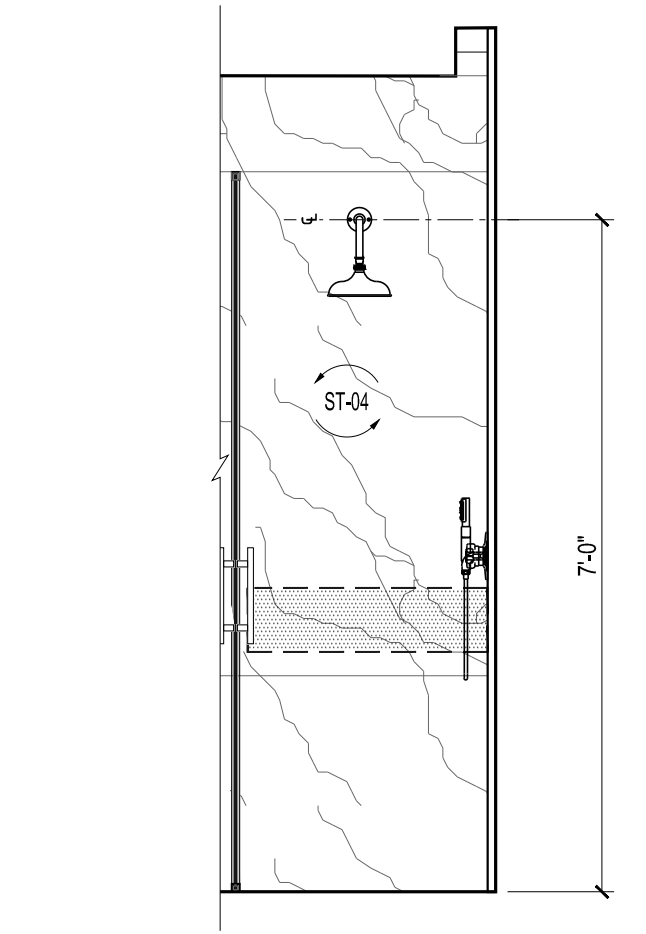
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

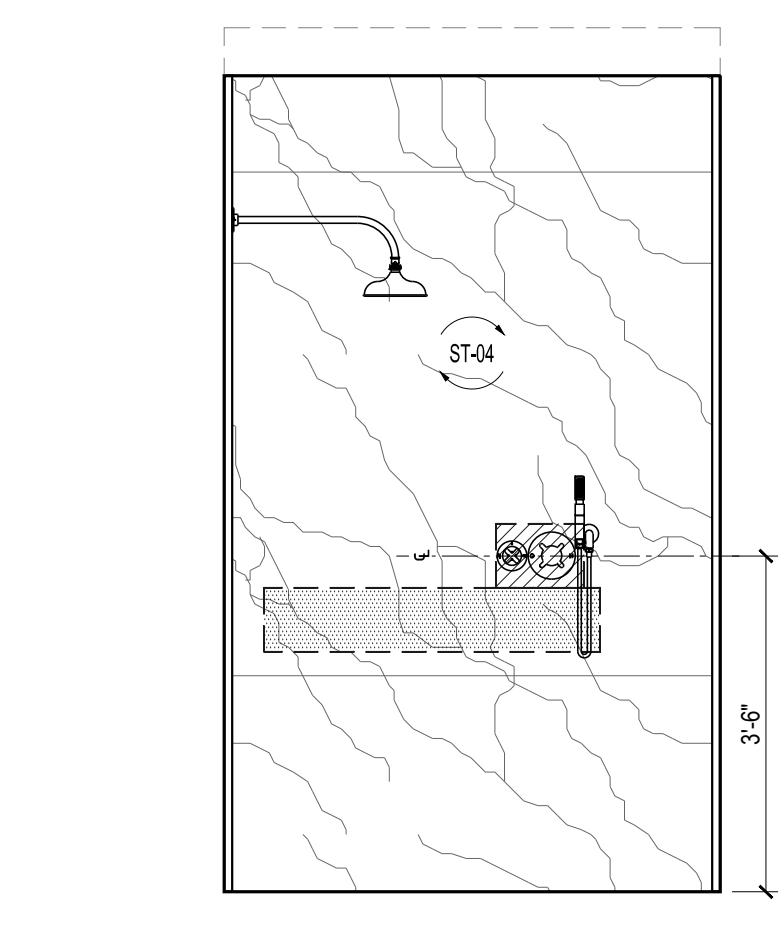
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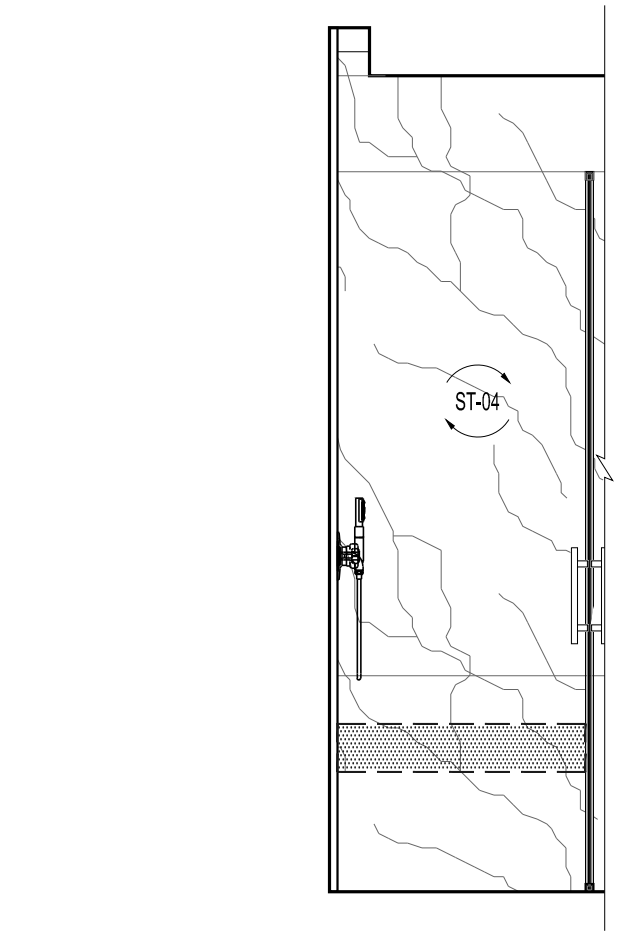
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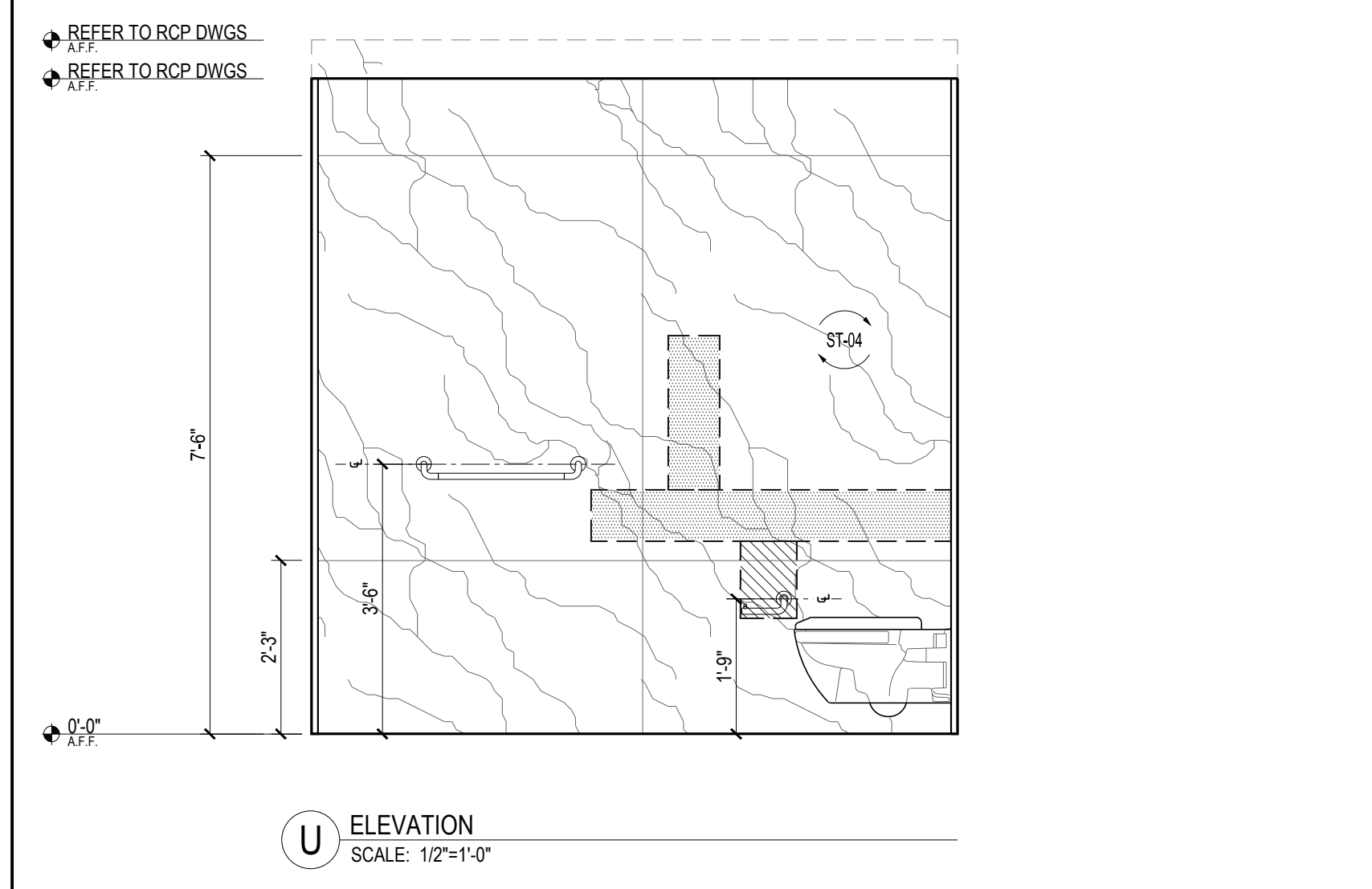
R ELEVATION  
 SCALE: 1/2"=1'-0"



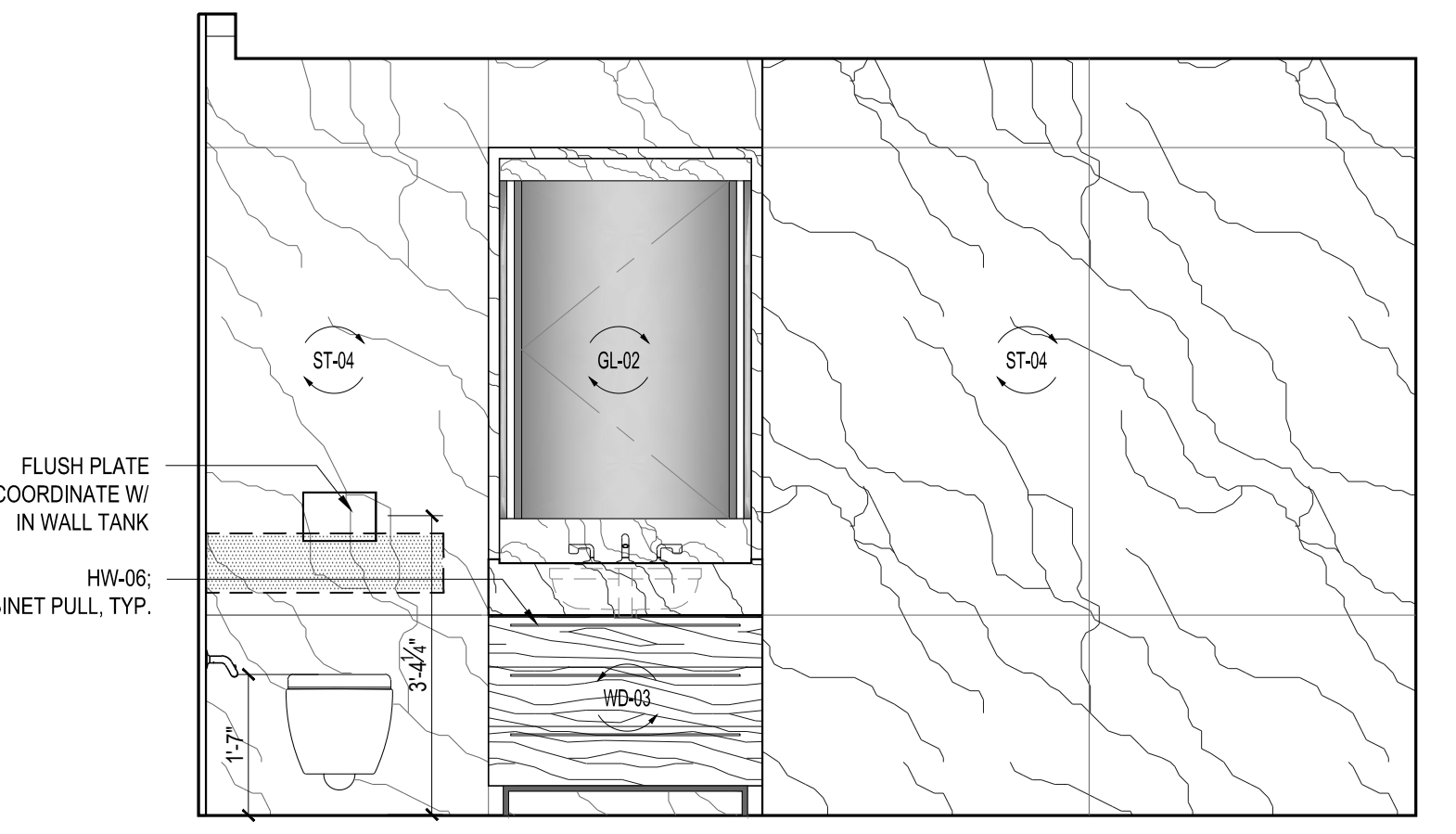
S ELEVATION  
 SCALE: 1/2"=1'-0"



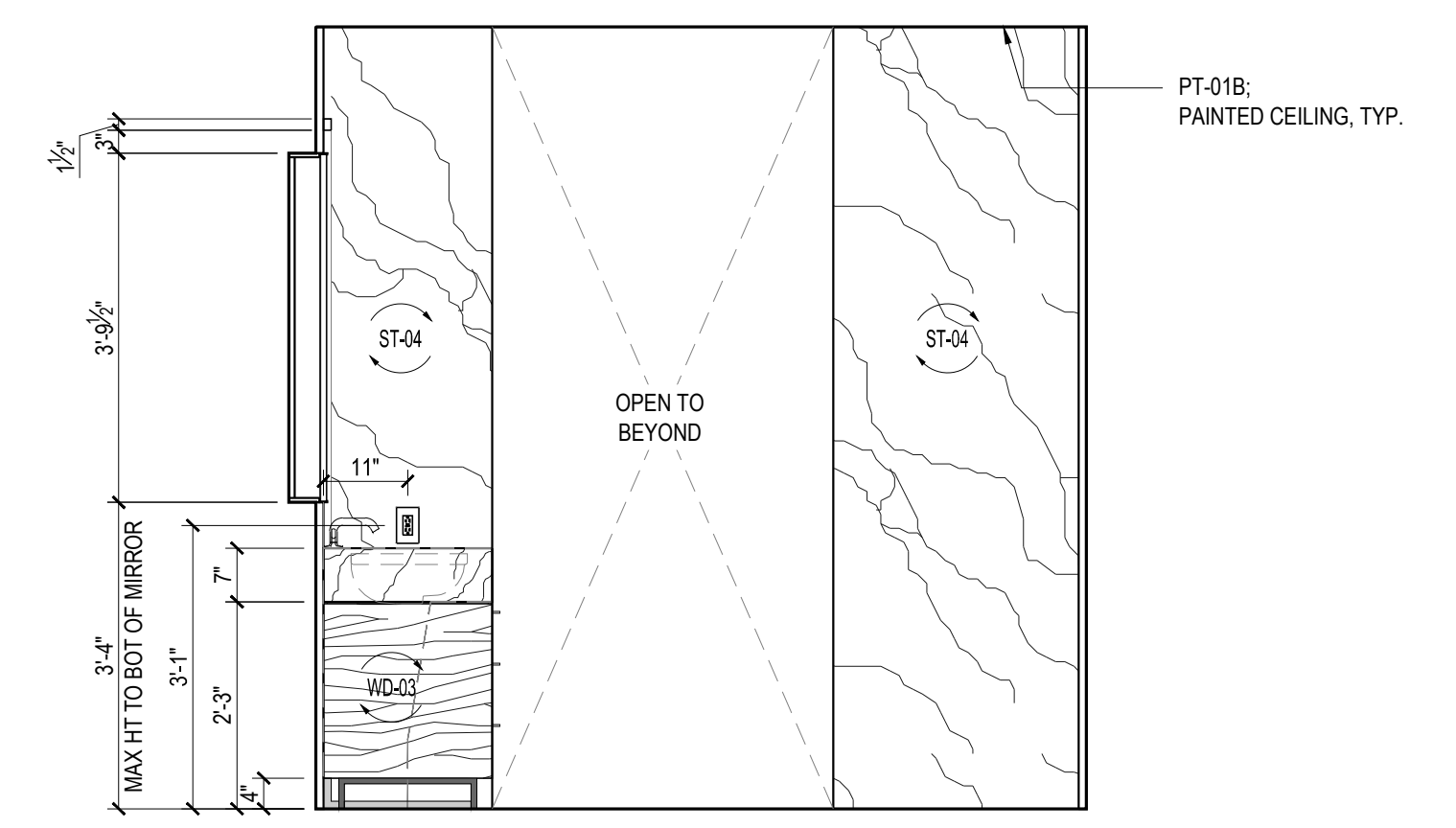
T ELEVATION  
 SCALE: 1/2"=1'-0"



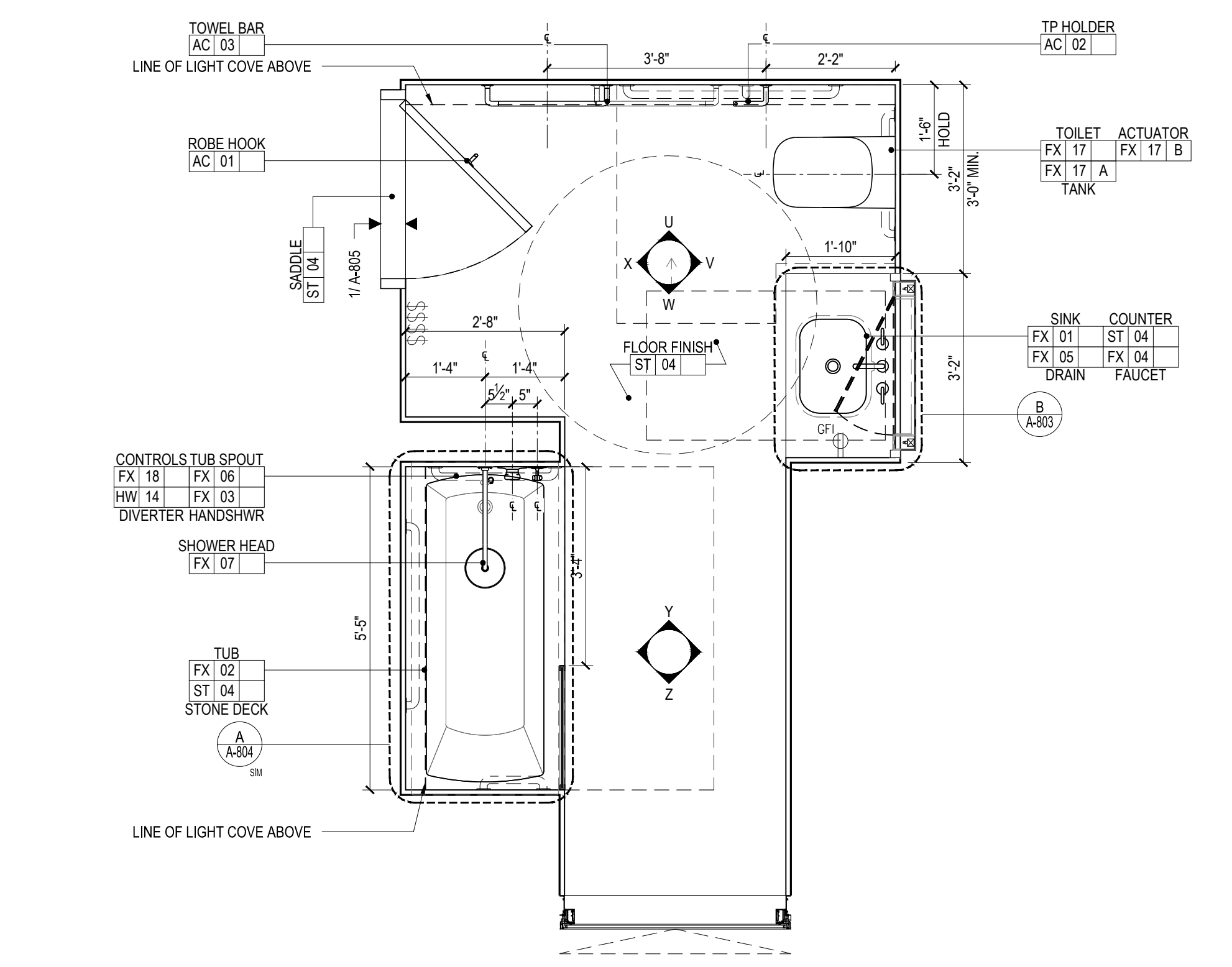
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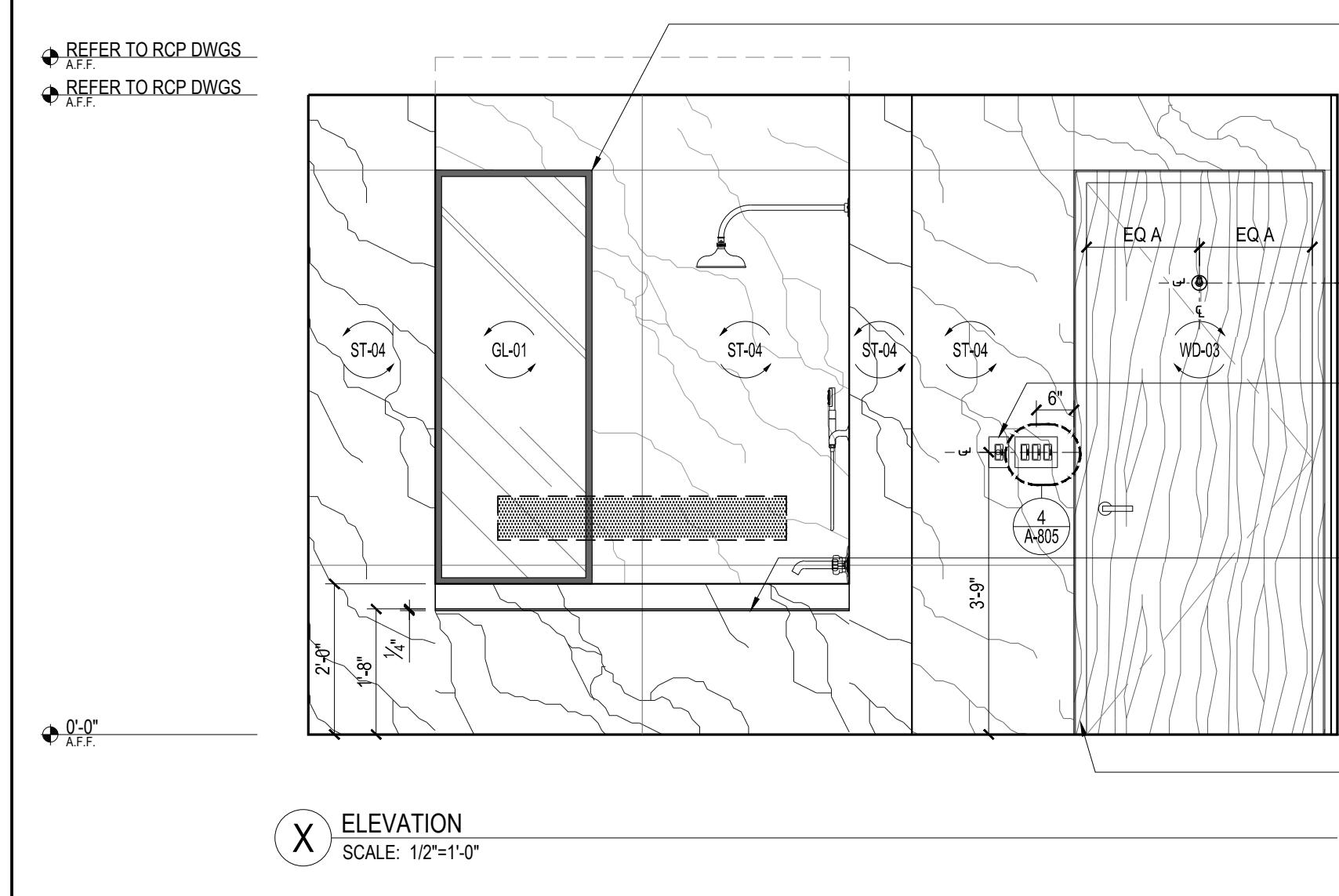
V ELEVATION  
 SCALE: 1/2"=1'-0"



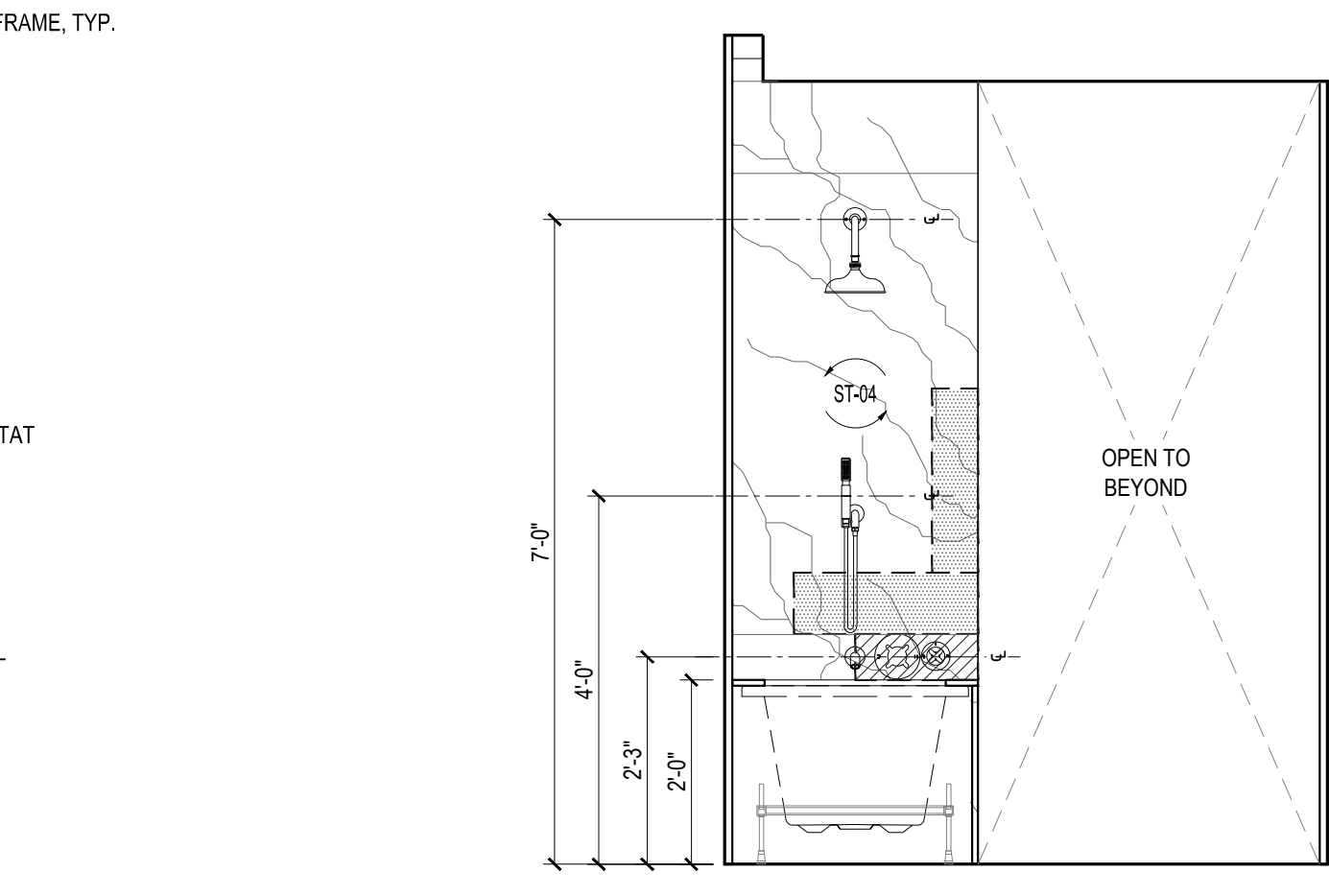
W ELEVATION  
 SCALE: 1/2"=1'-0"



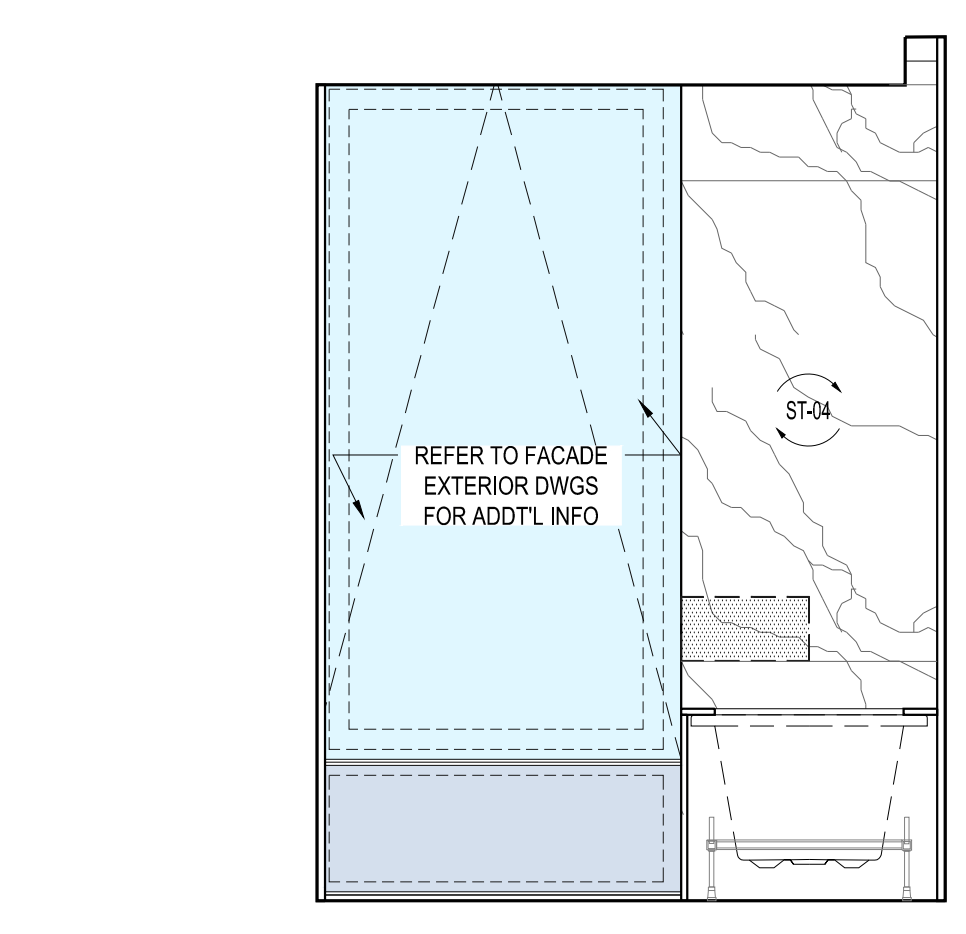
5 DUPLEX BATHROOM PLAN TYPE "A" (19TH FLOOR)  
 SCALE: 1/2"=1'-0"



X ELEVATION  
 SCALE: 1/2"=1'-0"



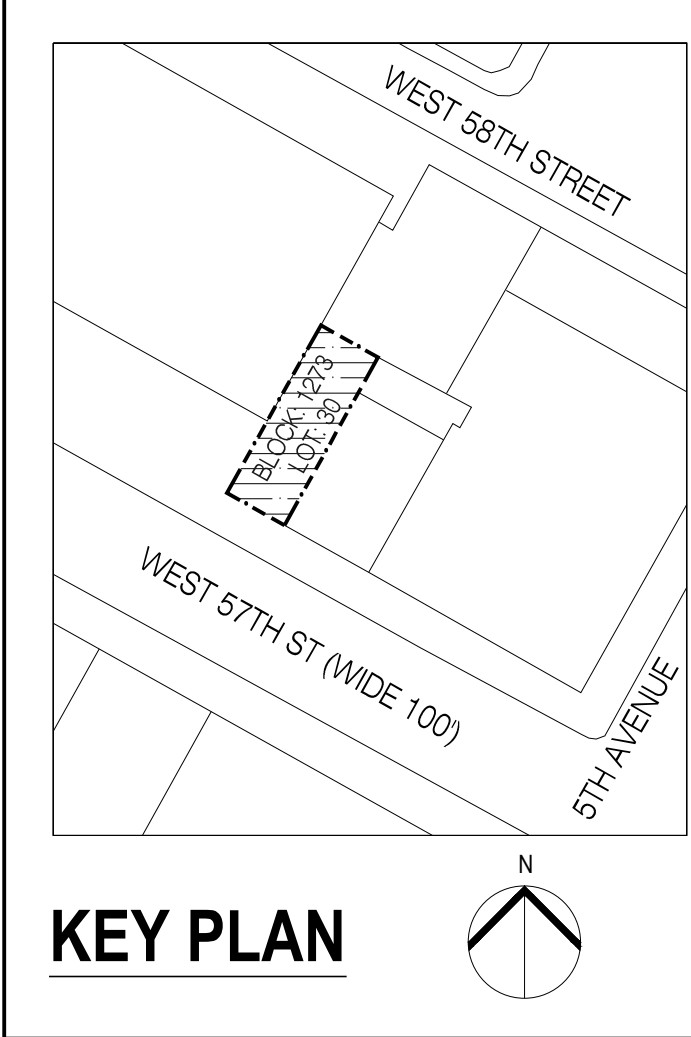
Y ELEVATION  
 SCALE: 1/2"=1'-0"



Z ELEVATION  
 SCALE: 1/2"=1'-0"

BATHROOM PLANS AND ELEVATIONS

SEAL & SIGNATURE: [Signature]  
 DATE: 10/06/2017  
 PROJECT #: 16A10  
 SCALE: SEE DRAWINGS  
**A-802.00**  
 DWG NO.  
 NB#12191441



KEY PLAN

NOTES:

Table with columns for Date, Description, and Status. Includes entries for DOB SUBMISSION and ISSUED AS PER ENERGY COMMENTS.

Table with columns for Number, Date, Revision, and Description. Includes entries for Project Name and Address.

Client: SOLO9W57 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
Architect: HILL WEST ARCHITECTS

Interior Designer: Whitehall INTERIORS  
Structural Engineer: WSP | PARSONS BRINCKERHOFF

MEP/Electrical Engineer: COSENTINI ASSOCIATES  
Building Envelope Consultant: V.DARIS

DOB STAMPS & SIGNATURES:

ENERGY CODE COMPLIANCE stamp with seal and signature area. Includes project name, date, and scale.

COMcheck Software Version 4.0.5.1 Envelope Compliance Certificate

Project Information: 2016 New York City Energy Conservation Code, 7 West 57, New York, NY 10019

Table with columns for Building Area and Floor Area. Shows 1-Multifamily Residential and 2-Retail/Nonresidential.

Additional Efficiency Package: High efficiency HVAC systems that do not meet the performance requirement will be identified in the mechanical requirements checklist.

Table for Envelope Assemblies. Columns: Assembly, Gross Area or Perimeter, Cavity, Cont. R-Value, Proposed U-Factor, Budget U-Factor. Lists various wall and window assemblies.

Table for Envelope Assemblies (continued). Lists assemblies like B.1.1.R Lot Line CMU, B.1.1.NR Lot Line CMU, etc., with their respective U-factors and budget values.

Project Title: 7 West 57  
Data Filename: j116A10\_7 W 57th St - Solo9W57-Non-CAD412\_COMcheckTW57 St - COMcheck.cck

Envelope Passes: Design 1% better than code

Envelope Compliance Statement: Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Name: Title, Signature, Date: 06-05-2017



Project Title: 7 West 57  
Data Filename: j116A10\_7 W 57th St - Solo9W57-Non-CAD412\_COMcheckTW57 St - COMcheck.cck

Report date: 06/05/17  
Page: 2 of 12

Table for 7 W 57th Street Wall Type & Reference Detail. Lists wall types (e.g., Type B.1.3.R Lot Line CMU) and their corresponding U-factors and references.

U-Factor Calculations: U-Factor = Thermal Resistance... Includes formulas and a note about ASHRAE 90.1-2007 nonresidential maximum U-factor and air leakage requirements.

REQUIRED INSPECTIONS PER ENERGY CODE: Table with columns for Inspection/Test, Periodic, Reference Standard, ECC or Other, and Other.

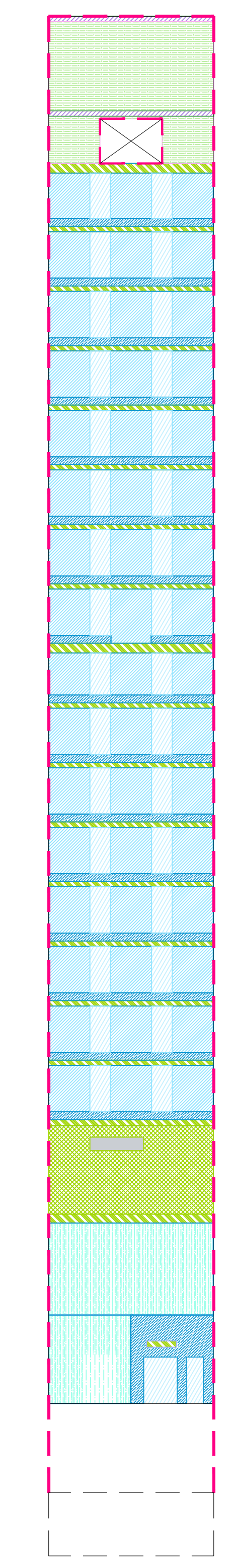
Table for REQUIRED INSPECTIONS PER ENERGY CODE. Lists inspections like IA Envelope Inspections, IB Fenestration U-factor and air leakage, etc., with their respective standards and codes.

PROFESSIONAL STATEMENT: TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THIS APPLICATION IS IN COMPLIANCE WITH THE 2016 NYC ECC.

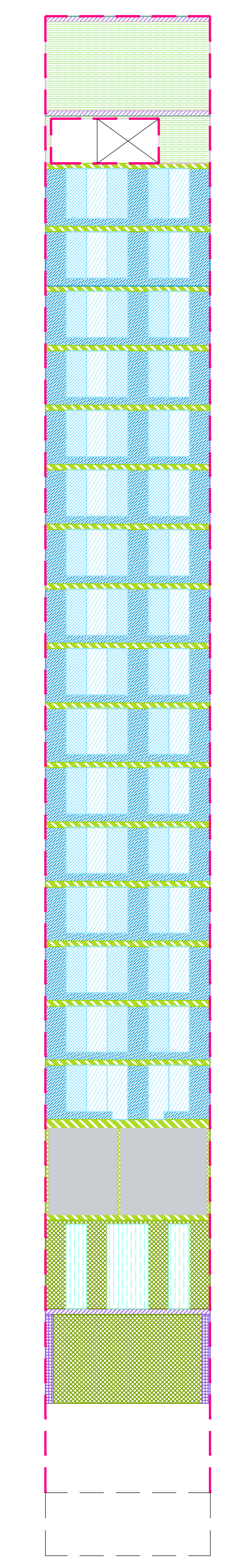
Professional Engineer Seal for State of New York.

Project Title: 7 West 57  
Data Filename: j116A10\_7 W 57th St - Solo9W57-Non-CAD412\_COMcheckTW57 St - COMcheck.cck

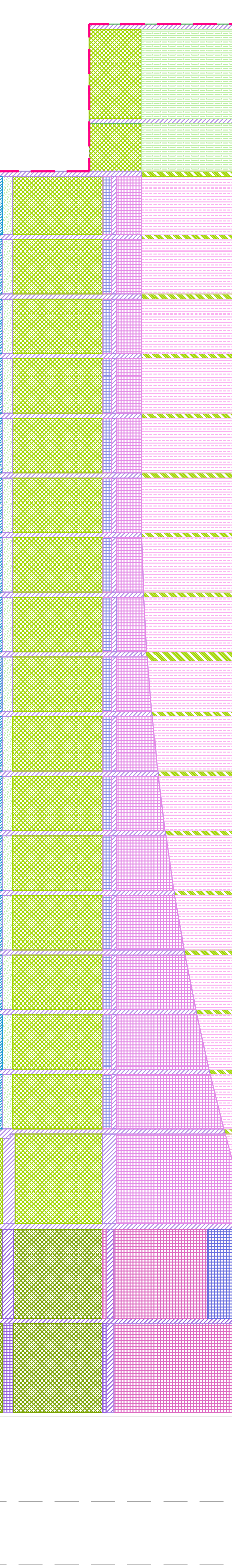
Report date: 06/05/17  
Page: 3 of 12



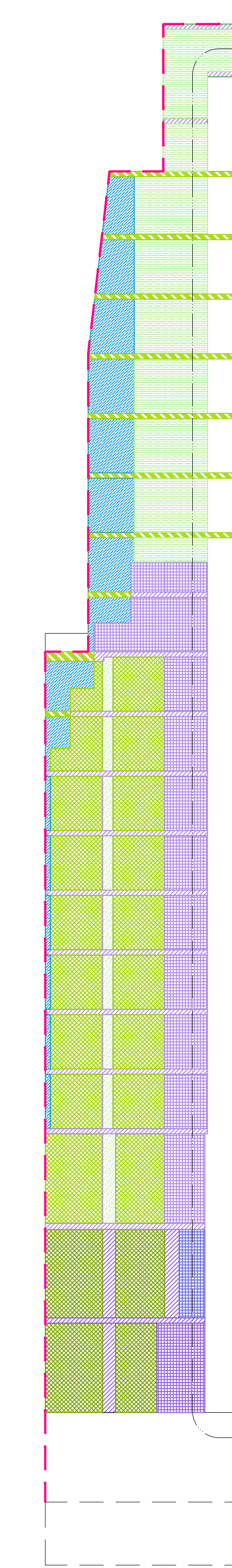
SOUTH ELEVATION



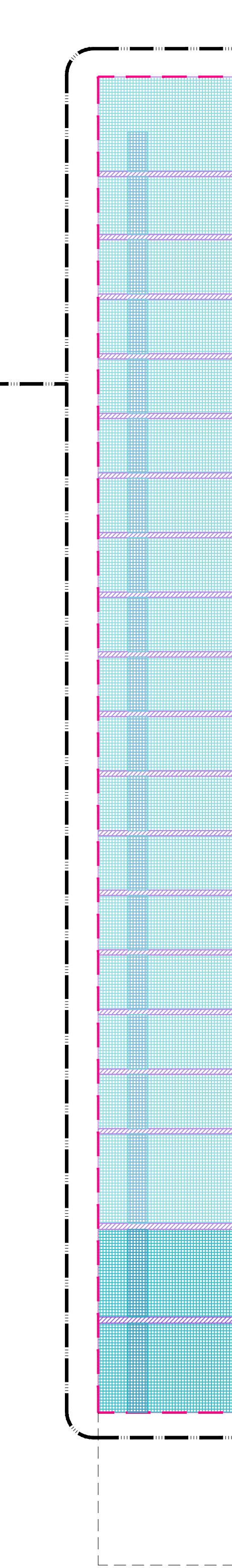
NORTH ELEVATION



WEST ELEVATION



EAST ELEVATION



ELEVATOR HOISTWAY

Legend table for SOUTH ELEVATION showing color-coded material callouts.

Legend table for NORTH ELEVATION showing color-coded material callouts.

Legend table for WEST ELEVATION showing color-coded material callouts.

Legend table for EAST ELEVATION showing color-coded material callouts.

**COMcheck Software Version 4.0.5.1**  
**Inspection Checklist**  
 Energy Code: 2016 New York City Energy Conservation Code

Requirements: 0.0% were addressed directly in the COMcheck software. Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req. ID	Plan Review	Complies?	Comments/Assumptions
C103.2 (PR1)	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.1 (PR10)	The vertical fenestration area <= 30 percent of the gross above-grade wall area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.1 (PR11)	The skylight area <= 3 percent of the gross roof area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.2 (PR14)	In enclosed spaces > 2,500 ft <sup>2</sup> directly under a roof with ceiling heights > 15 ft, and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/retailing area, transportation, or workshop, the following requirements apply: (a) the skylight zone under skylights is <= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.6 (PR16)	Gross R-2 dwelling units have separate electrical meters. Each covered tenet space in a new building is equipped with a separate meter or sub-meter to measure the electrical consumption of such space when let or sales. Refer to Section 28-311.2 of the Administrative Code of the City of New York.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C406 (PR9)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Project Title: 7 West 57  
 Data filename: J:\16A10\_7 W 57th St - SolowW\_Non-CAD412\_COMcheck\7W57 St - COMcheck.cck Report date: 06/05/17 Page 4 of 12

Section # & Req. ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2 (FO1)	Below-grade wall insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1 (FS6)	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.1.4 (FO1)	Below-grade wall insulation R-value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: 7 West 57  
 Data filename: J:\16A10\_7 W 57th St - SolowW\_Non-CAD412\_COMcheck\7W57 St - COMcheck.cck Report date: 06/05/17 Page 6 of 12

Section # & Req. ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.5.4 (ME3)	Stair and elevator shaft vents have motorized dampers that automatically close.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.5 (ME5)	Outdoor air and exhaust systems have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Check for any dampers where allowed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: 7 West 57  
 Data filename: J:\16A10\_7 W 57th St - SolowW\_Non-CAD412\_COMcheck\7W57 St - COMcheck.cck Report date: 06/05/17 Page 8 of 12

Section # & Req. ID	Plan Review	Complies?	Comments/Assumptions
C402.1 (PR1)	FI/AC/FM penetration through thermal envelope - When penetrations from mechanical equipment listed in Table C402.3.3(3) exceeds 1 percent of the gross above-grade wall area, the penetration area is represented as an envelope wall of similar type having size equal to penetration area and spaced 1.0/3.0.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: 7 West 57  
 Data filename: J:\16A10\_7 W 57th St - SolowW\_Non-CAD412\_COMcheck\7W57 St - COMcheck.cck Report date: 06/05/17 Page 5 of 12

Section # & Req. ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 (FR1)	Fenestration products rated in accordance with NFRC.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1.3 (FR1)	Fenestration products are certified as to performance labels or certificates provided.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.3 (FR8)	Vertical fenestration SHGC value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.3 (FR8)	Vertical fenestration U-factor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.4.4 (FR14)	U-factor of opaque doors associated with the building thermal envelope meets requirements.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.7 (FR17)	Vestibules are installed on all building entrances. Doors have self-closing devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: 7 West 57  
 Data filename: J:\16A10\_7 W 57th St - SolowW\_Non-CAD412\_COMcheck\7W57 St - COMcheck.cck Report date: 06/05/17 Page 7 of 12

Section # & Req. ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 (IN3)	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is <= 3 in 12.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1 (IN10)	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2 (IN7)	Above-grade wall insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2 (IN9)	Floor insulation installed per manufacturer's instructions. Gaps or structural slab insulation installed in permanent contact with underside of decking or structural slabs.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2 (IN14)	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during foundation inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.1.3 (IN19)	Non-swinging opaque doors have R-4.75 insulation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.2.1 (IN1)	Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.2.3 (IN6)	Above-grade wall insulation R-value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.5 (IN8)	Floor insulation R-value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.2.6 (IN10)	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor spaces are insulated with a minimum of R-3.5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.2 (IN2)	Roof R-value, for some ceiling systems, verification may need to occur during Framing Inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Envelope Assemblies table for values.
C402.5.1 (IN1)	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with medium vapor-permeable wrapping material to minimize air leakage.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: 7 West 57  
 Data filename: J:\16A10\_7 W 57th St - SolowW\_Non-CAD412\_COMcheck\7W57 St - COMcheck.cck Report date: 06/05/17 Page 9 of 12

Section # & Req. ID	Insulation Inspection	Complies?	Comments/Assumptions
C402.5.1 (IN2)	Air barrier testing. New buildings comply with following requirements: 1. New buildings 25,000 ft <sup>2</sup> and greater, but less than 50,000 ft <sup>2</sup> , and less than or equal to 75 feet in height show compliance through testing in accordance with ASTM E 179 and department rules. 2. New buildings 50,000 ft <sup>2</sup> and greater, will test or inspect each type of unique air barrier joint or seam in the building envelope for continuity and defects, as per an Air Barrier Continuity Plan developed by a registered design professional and department rules. 3. Rules governing air barrier testing promulgated by the department.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: 7 West 57  
 Data filename: J:\16A10\_7 W 57th St - SolowW\_Non-CAD412\_COMcheck\7W57 St - COMcheck.cck Report date: 06/05/17 Page 10 of 12

Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
C402.9 (FI5)	Building envelope contains a continuous air barrier that has been tested and deemed to limit air leakage <= 0.40 cm <sup>2</sup> /ft <sup>2</sup> .	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.6 (FI7)	Weatherstrips installed on all loading dock cargo doors.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.2.7 (FI10)	Wood-burning fireplaces have tight fitting flue dampers and outdoor air for combustion.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: 7 West 57  
 Data filename: J:\16A10\_7 W 57th St - SolowW\_Non-CAD412\_COMcheck\7W57 St - COMcheck.cck Report date: 06/05/17 Page 11 of 12



**KEY PLAN**

**NOTES:**

13	06/02/2017	ISSUED AS PER ENERGY COMMENTS
12	06/02/2017	DOB SUBMISSION/FOUNDATION
11	05/28/2017	100% CD SUBMISSION
10	05/10/2017	DOB SUBMISSION
09	04/20/2017	DOB SUBMISSION
08	04/19/2017	90% CD SUBMISSION
07	04/05/2017	ISSUED AS PER ENERGY COMMENTS
06	04/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD SUBMISSION
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
01	12/22/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project:  
 7  
 WEST 57TH STREET  
 NEW YORK, NY 10019

Client:  
**SOLOW957**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10019  
 212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10021  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

**DOB STAMPS & SIGNATURES:**

**ENERGY CODE COMPLIANCE**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 05/26/2017

PROJECT #: 16A10  
 SCALE: 3" = 1' - 0"

**EN-001A.00**  
 DWG NO.

NB#121191441

MECHANICAL SYMBOL LIST

Table with 2 columns: HVAC SYMBOLS and ABBREVIATIONS. Lists symbols for ductwork, piping, and various HVAC components like diffusers, dampers, and sensors.

HVAC GENERAL SYMBOLS

(NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT)

Table with 2 columns: HVAC GENERAL SYMBOLS and ABBREVIATIONS. Lists symbols for connection points, section designations, and various HVAC equipment like filters, dampers, and coils.

HVAC EQUIPMENT DESIGNATION

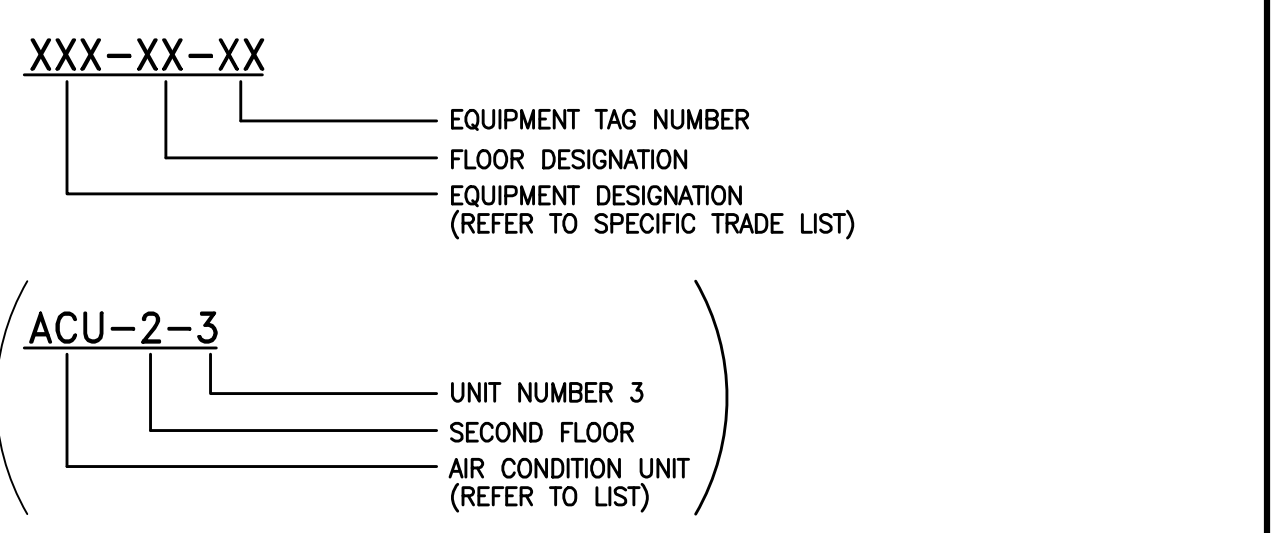


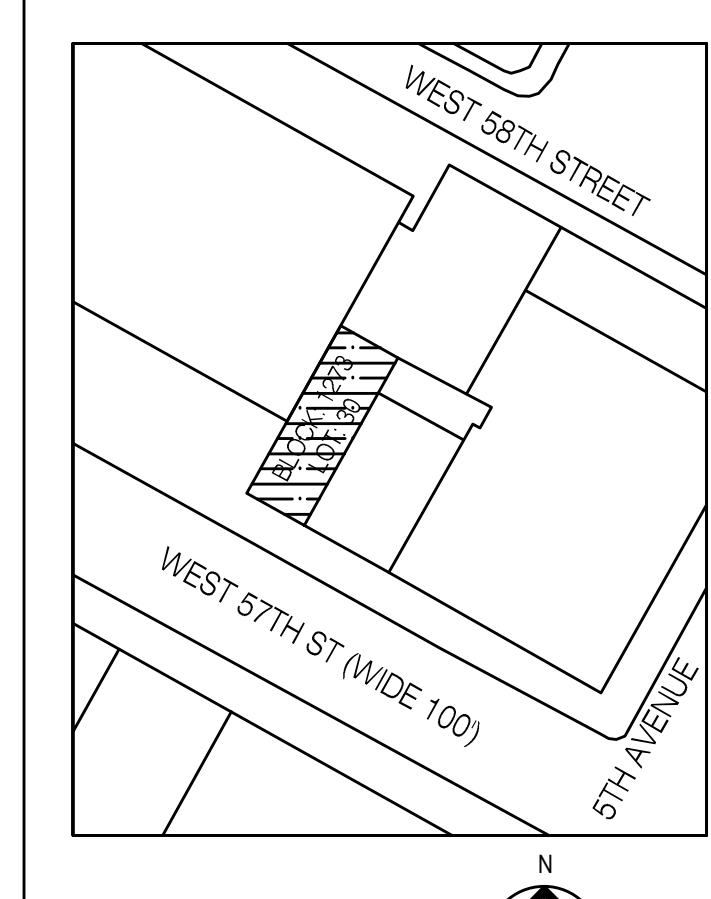
Table with 2 columns: ABBREVIATIONS and (NOT ALL ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT). Lists abbreviations for units, ducts, and components like 'A AMPERES', 'ACU AIR CONDITIONING UNIT', etc.

Table with 2 columns: BUILDING DEPARTMENT NOTES and ENERGY CONSERVATION NOTES. Contains detailed regulatory references and technical notes regarding building codes and energy efficiency.

Table with 2 columns: ENERGY CONSERVATION NOTES (CONT'D) and HVAC CONSTRUCTION NOTES. Includes a table for minimum pipe insulation thickness and various construction requirements for piping and systems.

Table with 2 columns: HVAC CONSTRUCTION NOTES and HVAC GENERAL NOTES. Contains detailed construction specifications, material requirements, and installation instructions for HVAC systems.

Table with 2 columns: HVAC GENERAL NOTES and HVAC DRAWING LIST. Lists general notes for the project and a detailed drawing list with drawing numbers and titles.



KEY PLAN

NOTES: Section containing specific notes related to the key plan and project location.

Table with 2 columns: HVAC GENERAL NOTES and HVAC DRAWING LIST. Continuation of notes and drawing list from the previous section.

Table with 2 columns: HVAC GENERAL NOTES and HVAC DRAWING LIST. Continuation of notes and drawing list from the previous section.

Table with 2 columns: HVAC GENERAL NOTES and HVAC DRAWING LIST. Continuation of notes and drawing list from the previous section.

HVAC DRAWING LIST

Table with 2 columns: HVAC DRAWING LIST. Lists drawing numbers and titles for various mechanical drawings, including general notes, sub-cellar layouts, and floor layouts.

Client: SOLO9W57 SOLOW REALTY & DEVELOPMENT COMPANY, LLC
Architect: HILL WEST ARCHITECTS

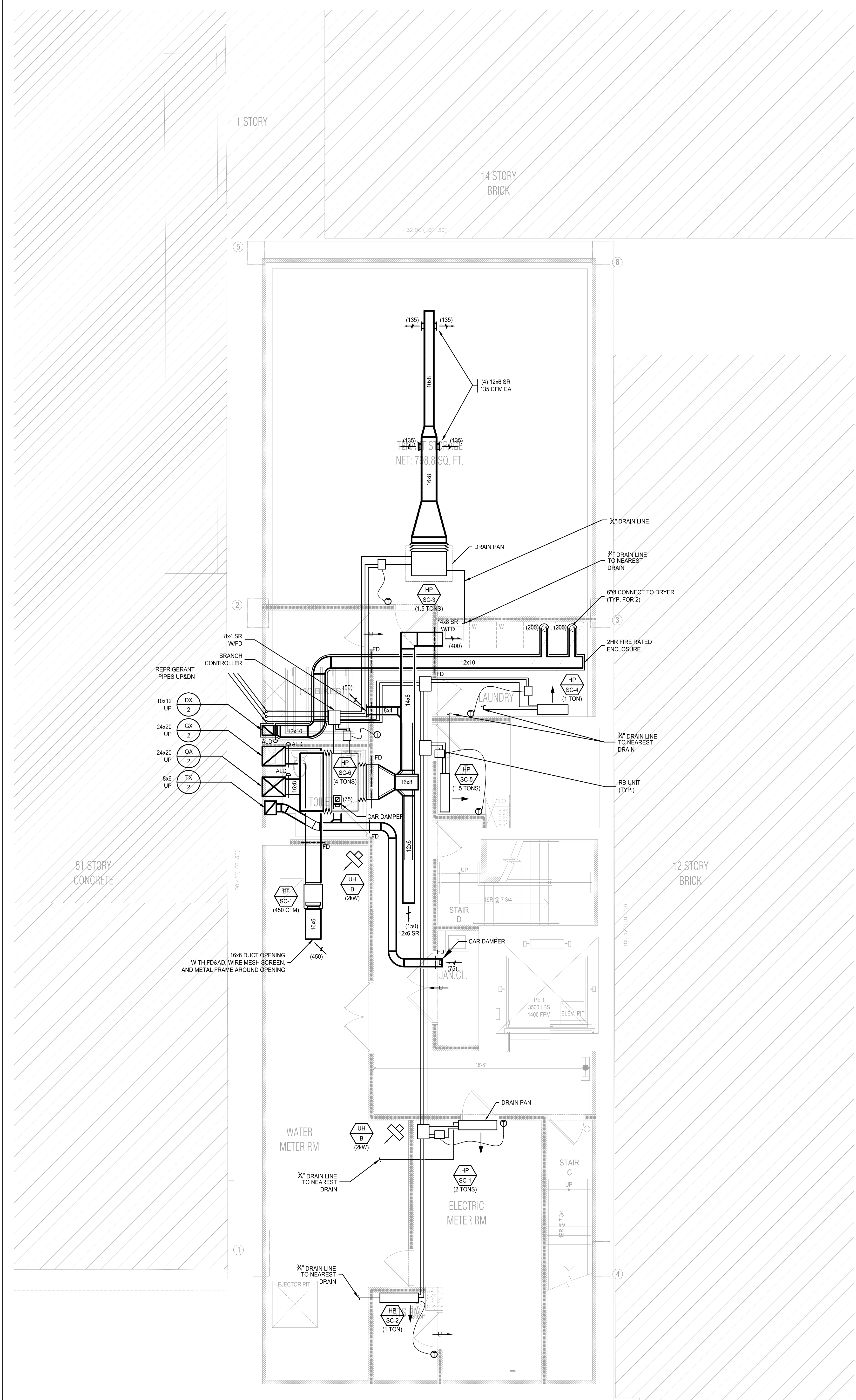
Interior Designer: Whitehall INTERIORS
MEP/FF Engineer: COSENTINI ASSOCIATES

DOB STAMPS & SIGNATURES: Section for contractor and professional stamps.

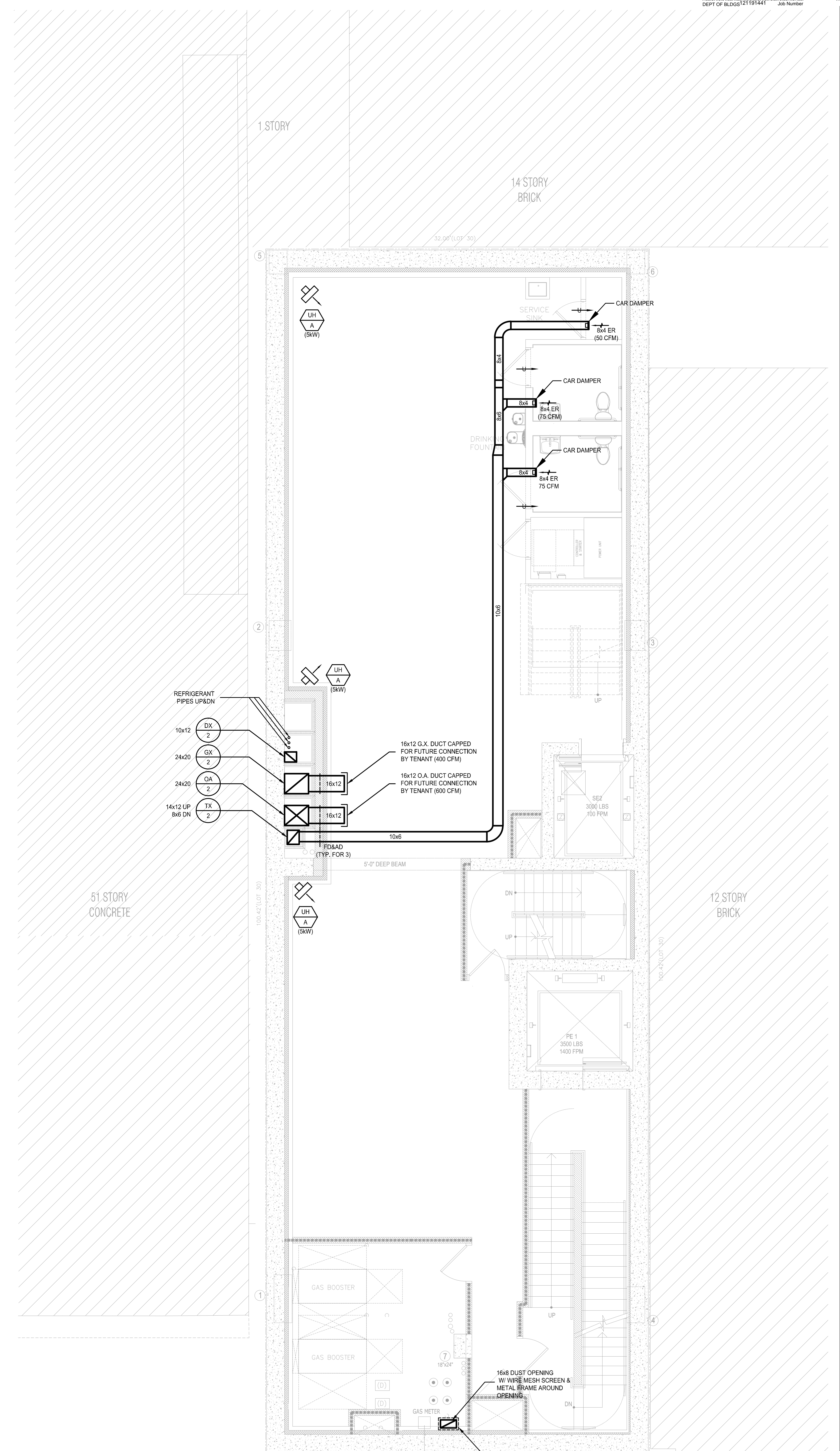
MECHANICAL NOTES AND SPECIFICATIONS

MECHANICAL NOTES AND SPECIFICATIONS: Section containing specific notes and specifications for the mechanical systems.

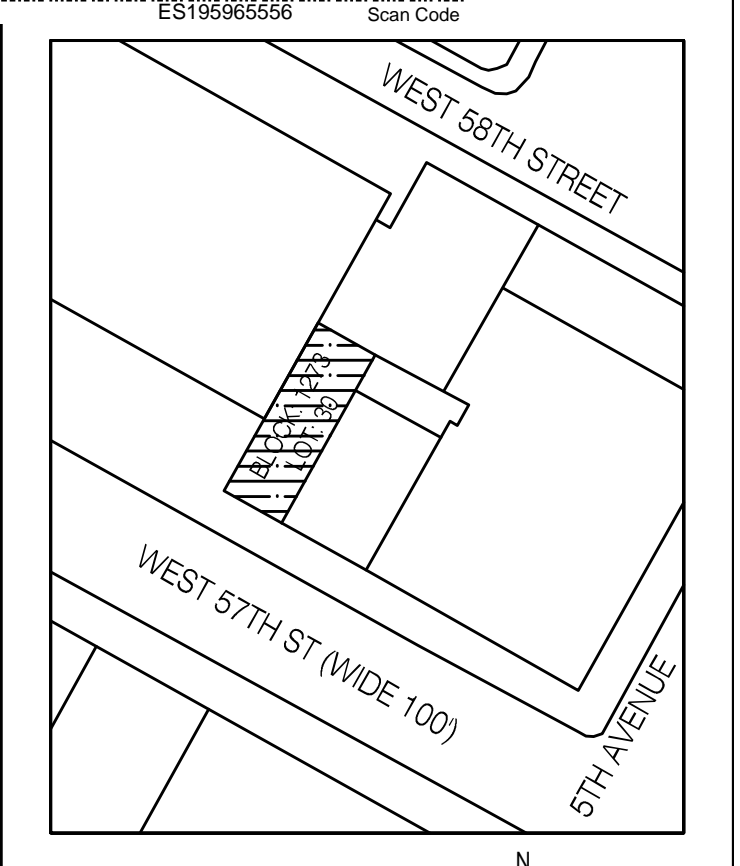
Scale: NONE, DWG NO. M-001.00, Project No. 1602-6



**1** SUBCELLAR FLOOR PLAN  
SCALE: 1/4"=1'-0"



**2** CELLAR FLOOR PLAN  
SCALE: 1/4"=1'-0"



**KEY PLAN**

**NOTES:**

9	07/03/2017	ISSUED PER ENERGY COMMENTS
8	05/09/2017	100% CD SUBMISSION
7	04/19/2017	90% CD SUBMISSION
6	03/17/2017	80% CD SUBMISSION
5	03/03/2017	DOB SUBMISSION
4	02/17/2017	ISSUED AS PER ENERGY COMMENTS
3	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
2	12/22/2016	ISSUED FOR FILING
1	11/22/2016	ISSUED FOR PROGRESS

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
Project: **7 WEST 57TH STREET NEW YORK, NY 10019**  
Client: **SOLOW57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019  
Architect: **HILL | WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212 213 8007

Interior Designer: **Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007  
Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888  
MEPP Engineer: **COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600  
Building Envelope Consultant: **VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

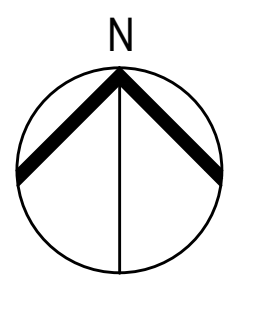
DOB STAMPS & SIGNATURES:

DWG TITLE:  
**SUB-CELLAR & CELLAR LAYOUT**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
PROJECT # 1602-8  
SCALE 1/4" = 1'-0"

**M-101.00**  
DWG NO. 2 OF 18  
NB#12191441

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK.  
\*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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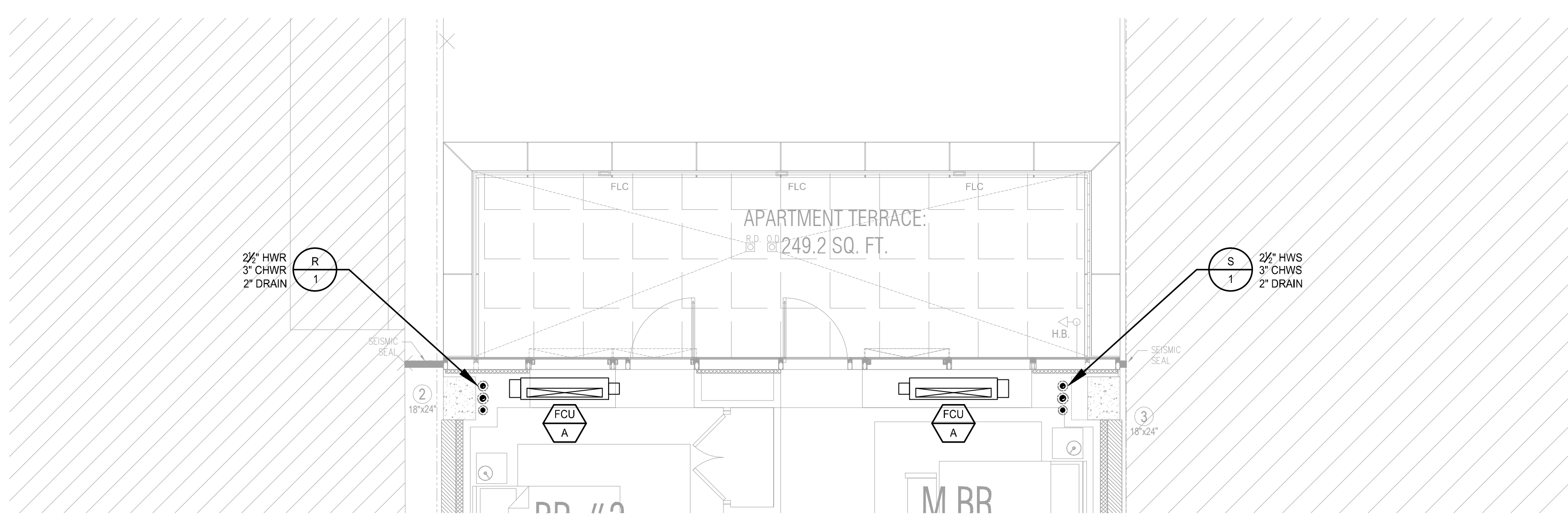


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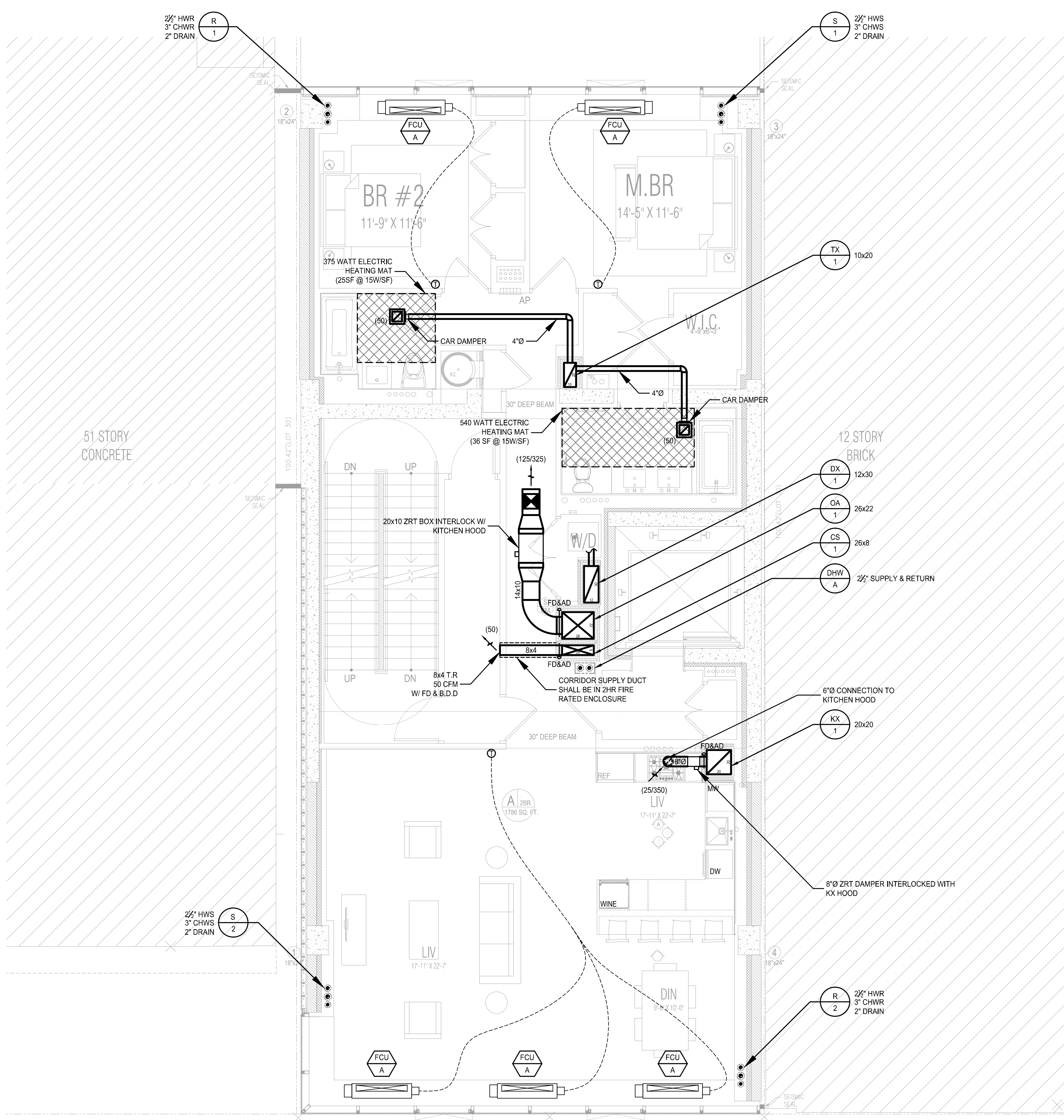




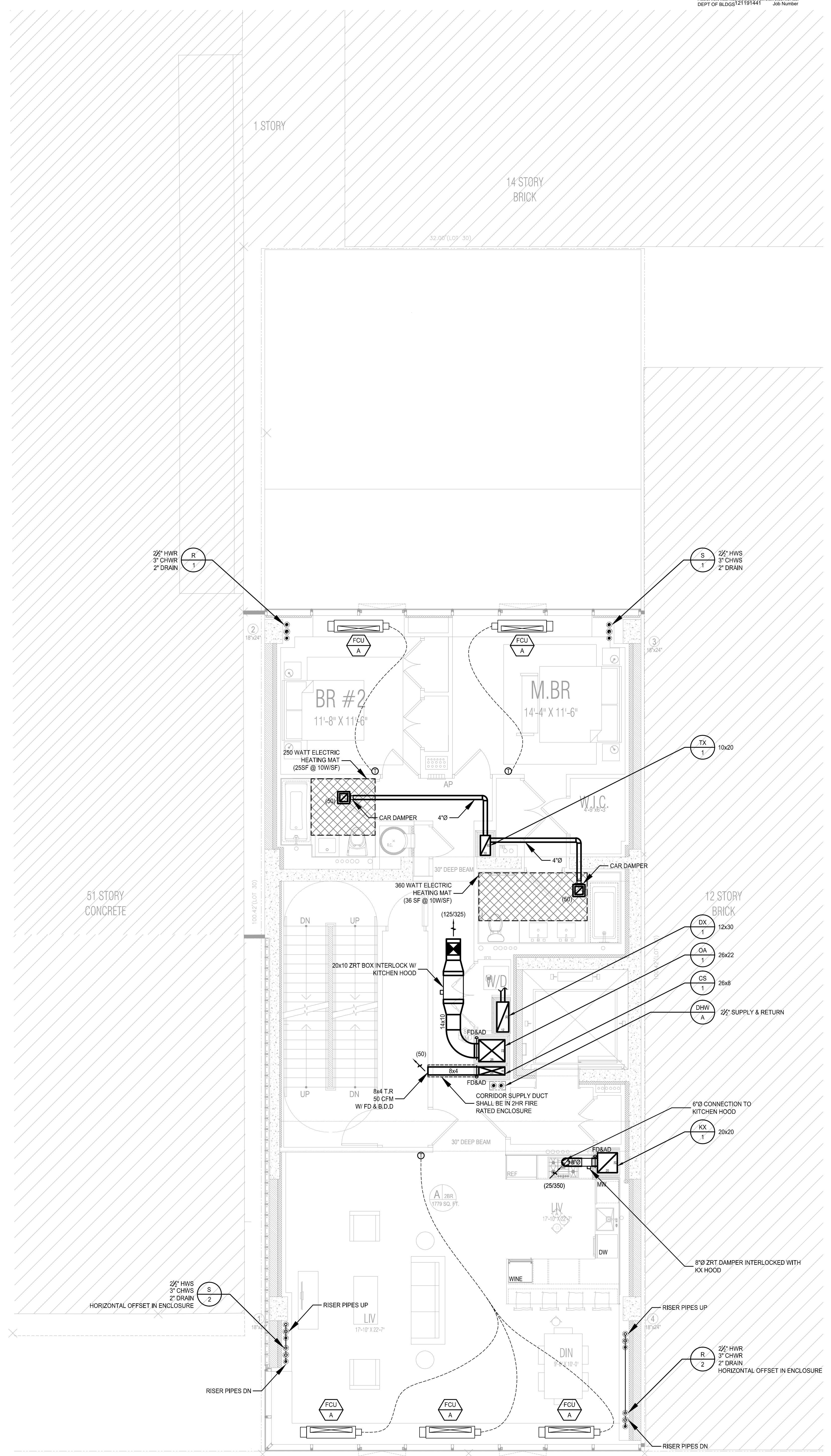




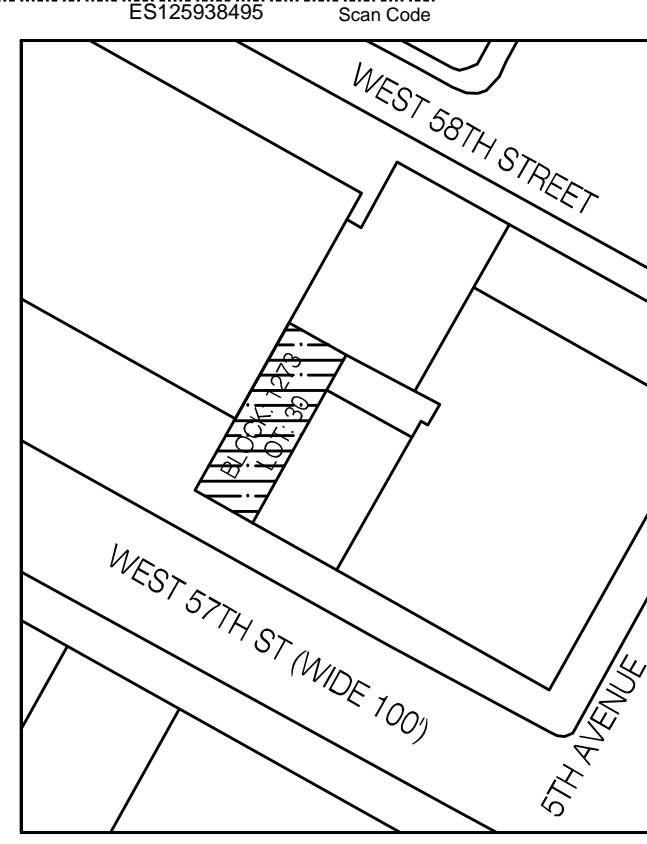
1 4TH FLOOR TERRACE  
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2 4TH-7TH FLOOR PLAN  
SCALE: 1/4"=1'-0"



3 8TH-11TH FLOOR PLAN  
SCALE: 1/4"=1'-0"



KEY PLAN

NOTES:

Number	Date	Revision
9	07/03/07	ISSUED PER ENERGY COMMENTS
8	05/09/07	100% CD SUBMISSION
7	04/19/07	90% CD SUBMISSION
6	03/17/07	80% CD SUBMISSION
5	03/03/07	DOB SUBMISSION
4	02/17/07	ISSUED AS PER ENERGY COMMENTS
3	02/17/07	60% CD SUBMISSION (NOT FOR BID)
2	12/22/06	ISSUED FOR FILING
1	11/22/06	ISSUED FOR PROGRESS

Project:  
**7**  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212 213 8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888

MEP/Electrical Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

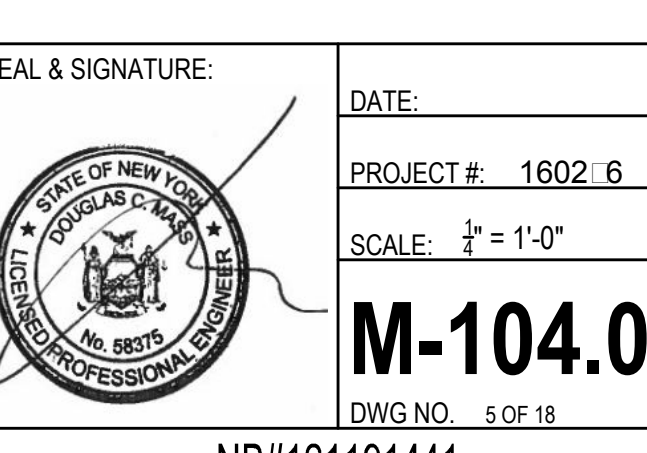
DWG TITLE:  
**4TH - 11TH FLOOR LAYOUTS**

SEAL & SIGNATURE:	DATE:
	PROJECT # 1602-6
	SCALE: 1/4"=1'-0"
<b>M-104.00</b>	DWG NO. 1 OF 11
	NB#121191441

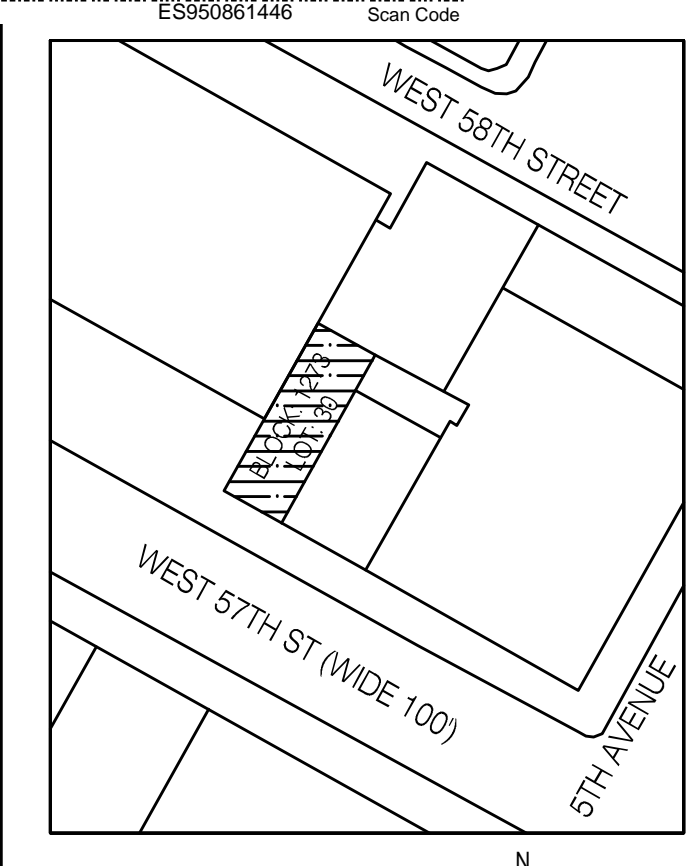
TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK.

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FILE NAME: 1602-6-ME-M101111-L-AVE-DN 7/7/2017 10:00 AM L.L.TTE:DN 7/7/2017 10:02 AM L.L.TTE:DN 7/7/2017 10:02 AM L.L.TTE:DN 7/7/2017 10:02 AM L.L.TTE:DN 7/7/2017 10:02 AM



**KEY PLAN**

**NOTES:**

Number	Date	Revision
9	07/03/07	ISSUED PER ENERGY COMMENTS
8	06/06/07	100% CD SUBMISSION
7	04/19/07	90% CD SUBMISSION
6	03/17/07	80% CD SUBMISSION
5	03/03/07	DOB SUBMISSION
4	02/17/07	ISSUED AS PER ENERGY COMMENTS
3	02/17/07	60% CD SUBMISSION (NOT FOR BID)
2	12/22/06	ISSUED FOR FILING
1	11/22/06	ISSUED FOR PROGRESS

Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect: **HILL WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212 213 8007

Interior Designer: **Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007


Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-9888

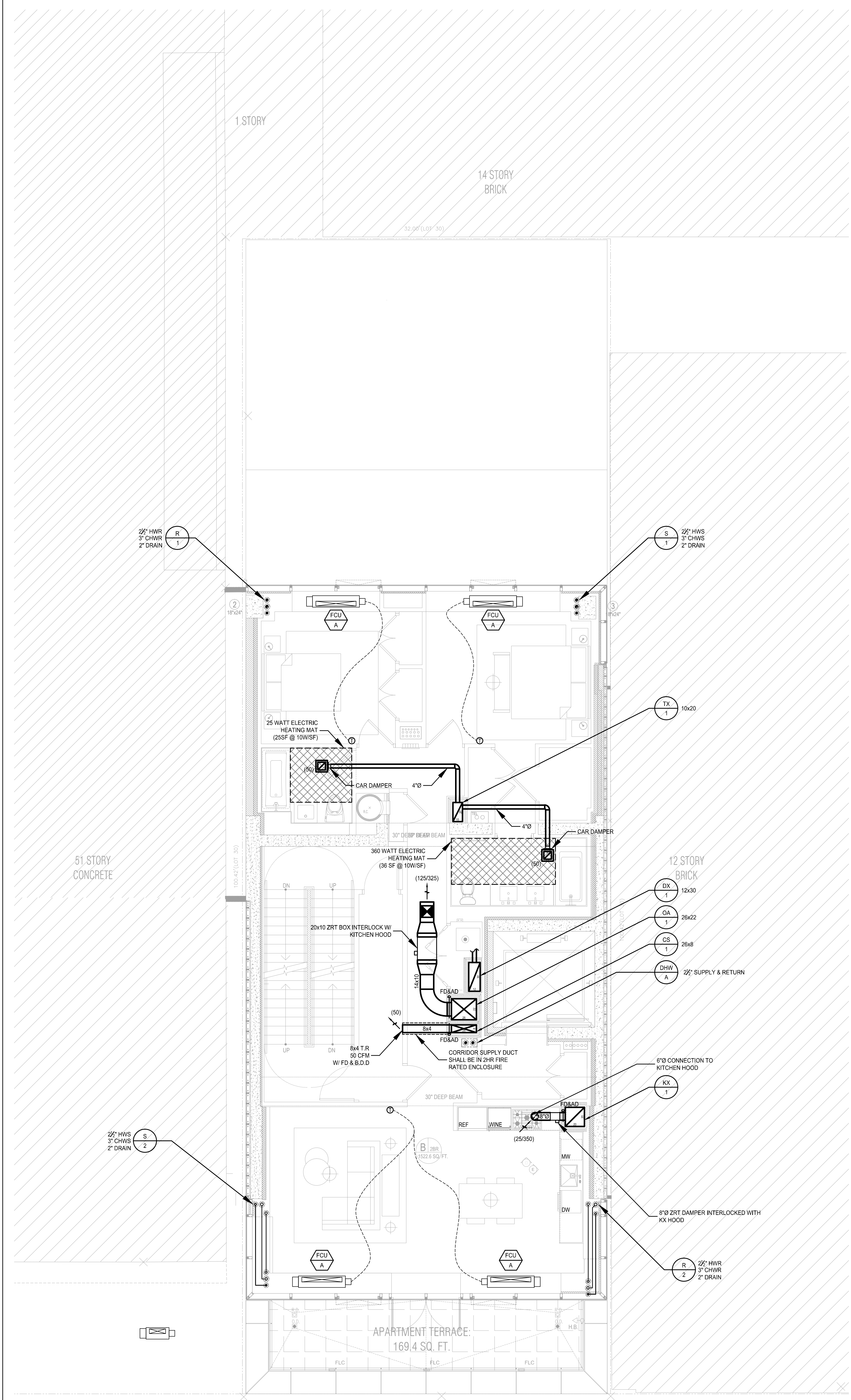
MEPFP Engineer: **COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant: **VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK, NY 10010  
 212-689-5389

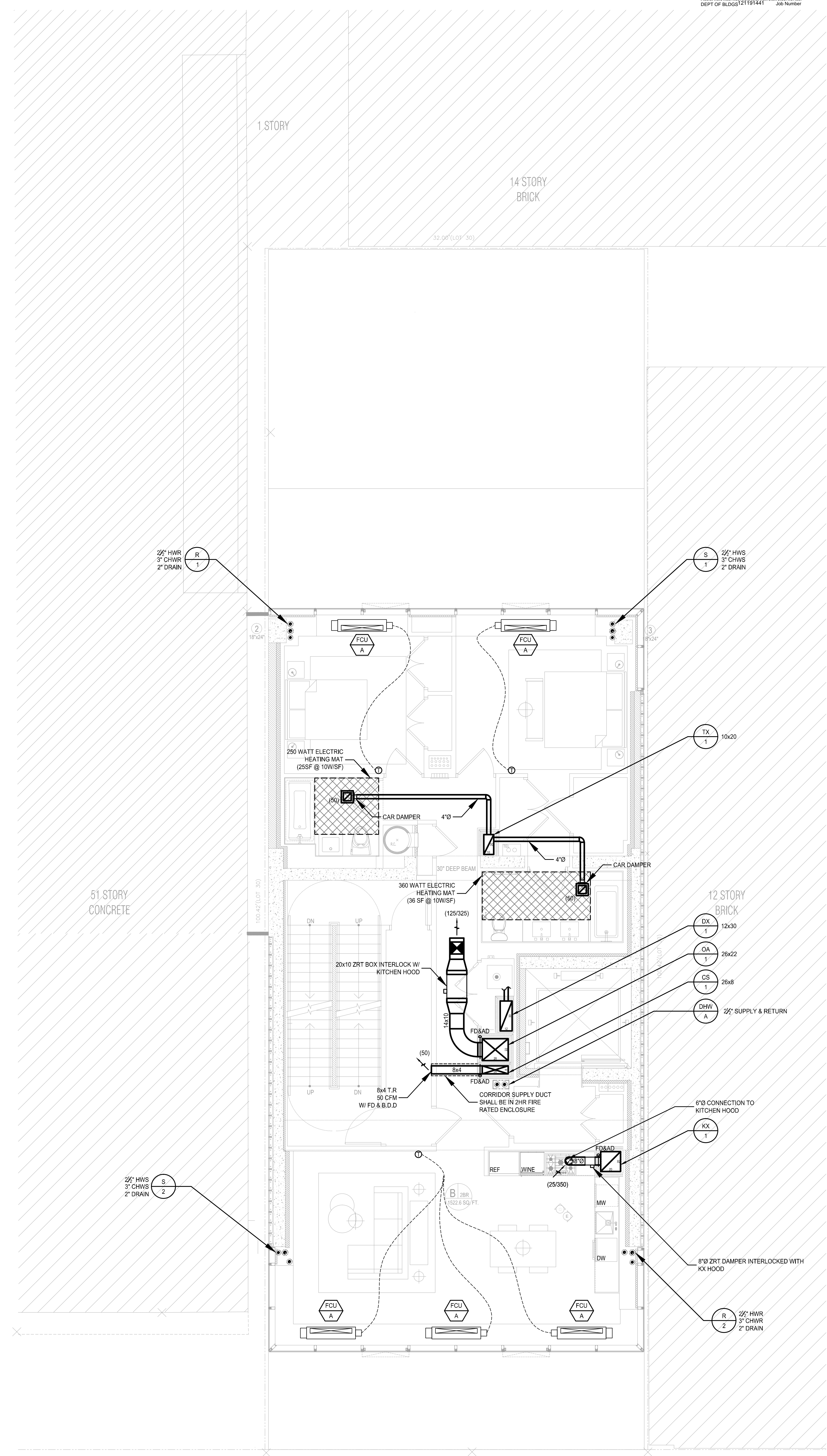
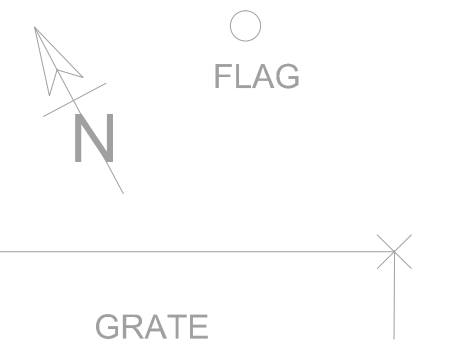
DOB STAMPS & SIGNATURES:

DWG TITLE: **12TH - 15TH FLOOR LAYOUTS**

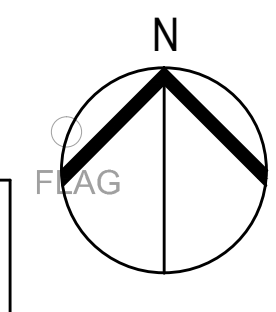
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 PROJECT #: 1602-6  
 SCALE: 1/4" = 1'-0"  
**M-105.00**  
 DWG NO. 6 OF 11  
 NB#121191441



**2 12TH-FLOOR PLAN**  
 SCALE: 1/4"=1'-0"



**2 13TH-17TH FLOOR PLAN**  
 SCALE: 1/4"=1'-0"

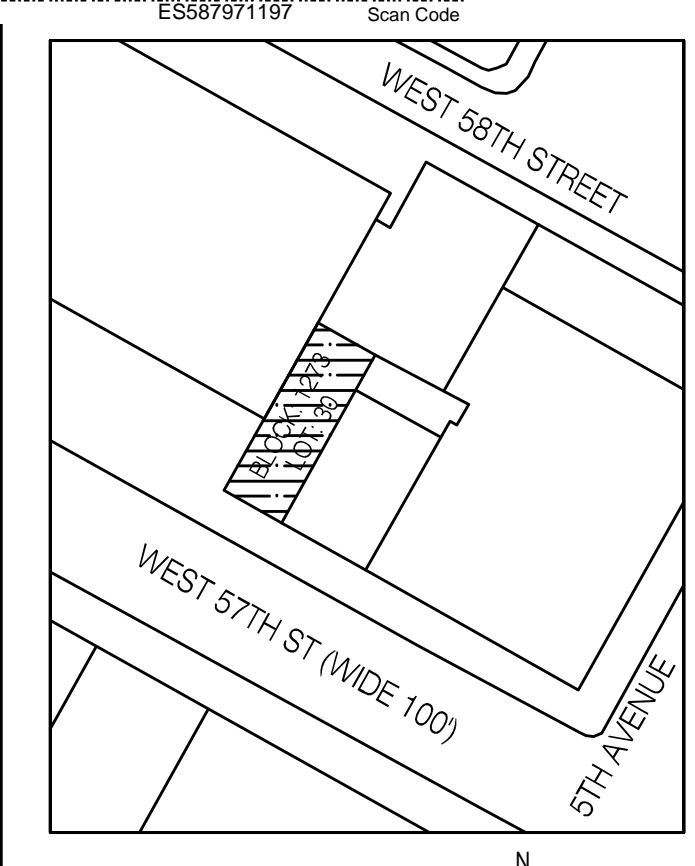


TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK.

\*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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FILE NAME: 1602-6-ME-105-12-17-L-1.dwg DATE: 11/27/2017 10:11:11 AM LAYOUT: 001.dwg



KEY PLAN

NOTES:

Number	Date	Revision
9	07/03/07	ISSUED PER ENERGY COMMENTS
8	05/09/07	100% CD SUBMISSION
7	04/19/07	90% CD SUBMISSION
6	03/17/07	80% CD SUBMISSION
5	03/03/07	DOB SUBMISSION
4	02/17/07	ISSUED AS PER ENERGY COMMENTS
3	02/17/07	60% CD SUBMISSION (NOT FOR BID)
2	12/22/06	ISSUED FOR FILING
1	11/22/06	ISSUED FOR PROGRESS

Project:  
**7 WEST 57TH STREET  
 NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212 213 8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-9888

MERFP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

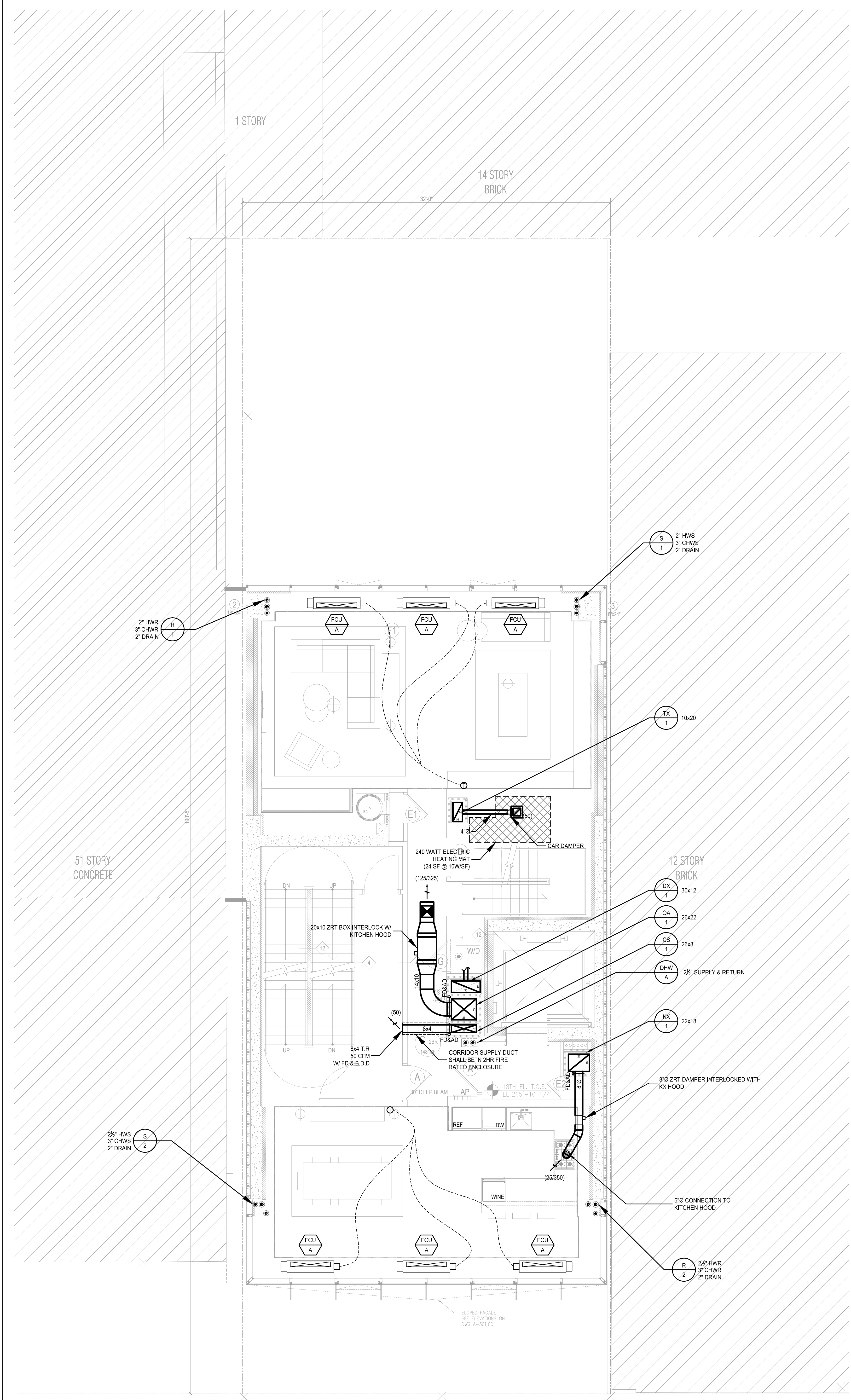
Building Envelope Consultant:  
**VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK, NY 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

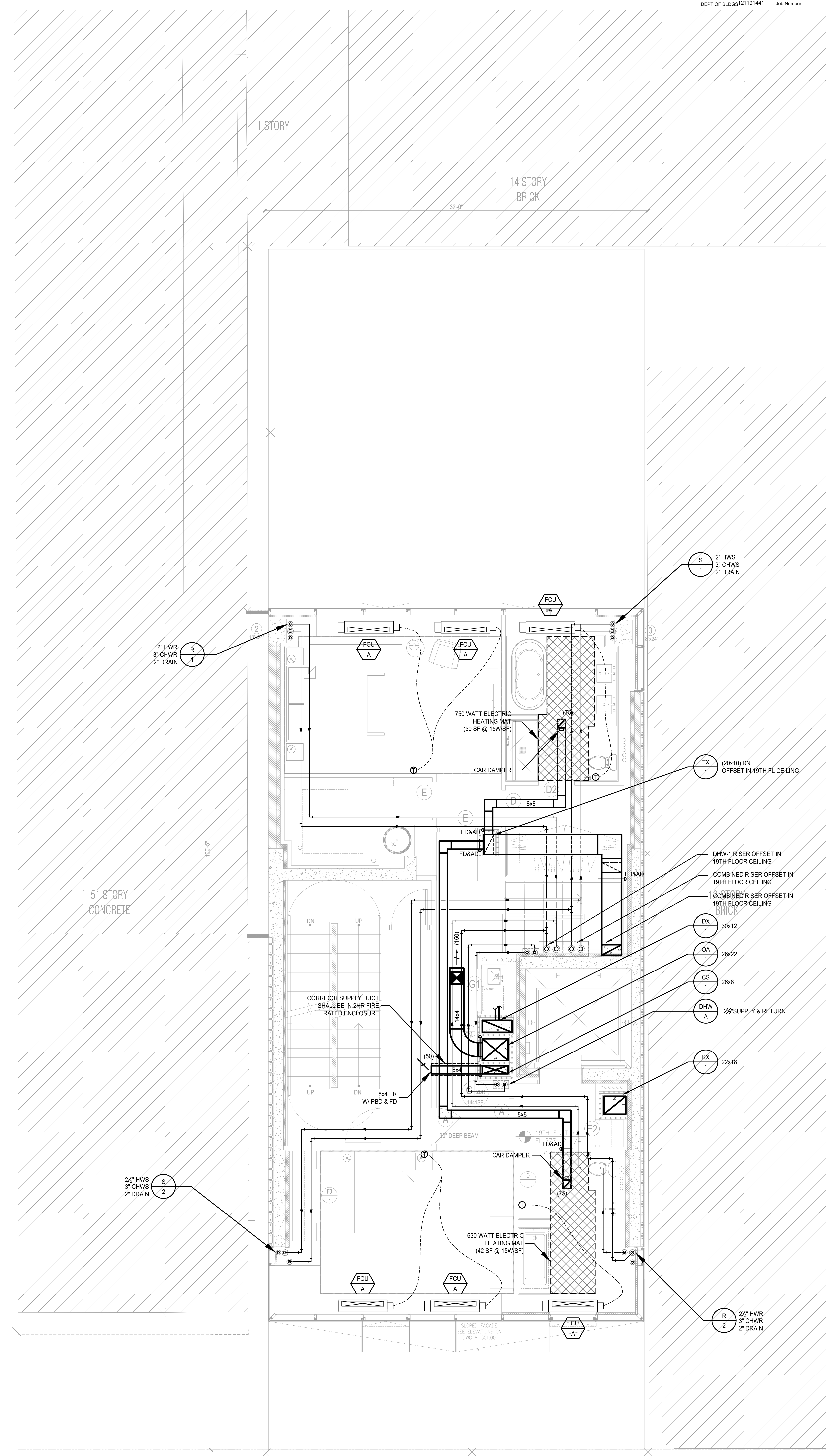
DWG TITLE:  
**18TH & 19TH FLOOR LAYOUTS**

SEAL & SIGNATURE: DATE: PROJECT # 1602-6 SCALE: 3/8" = 1'-0"

**M-106.00**  
 DWG NO. 7 OF 11  
 NB#12191441



1 18TH FLOOR PLAN SCALE: 1/4"=1'-0"

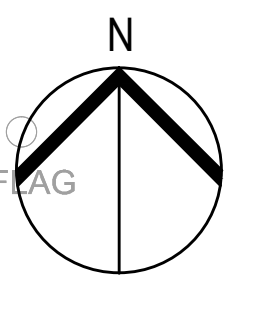


2 19TH FLOOR PLAN SCALE: 1/4"=1'-0"

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK.

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METER



MAIL

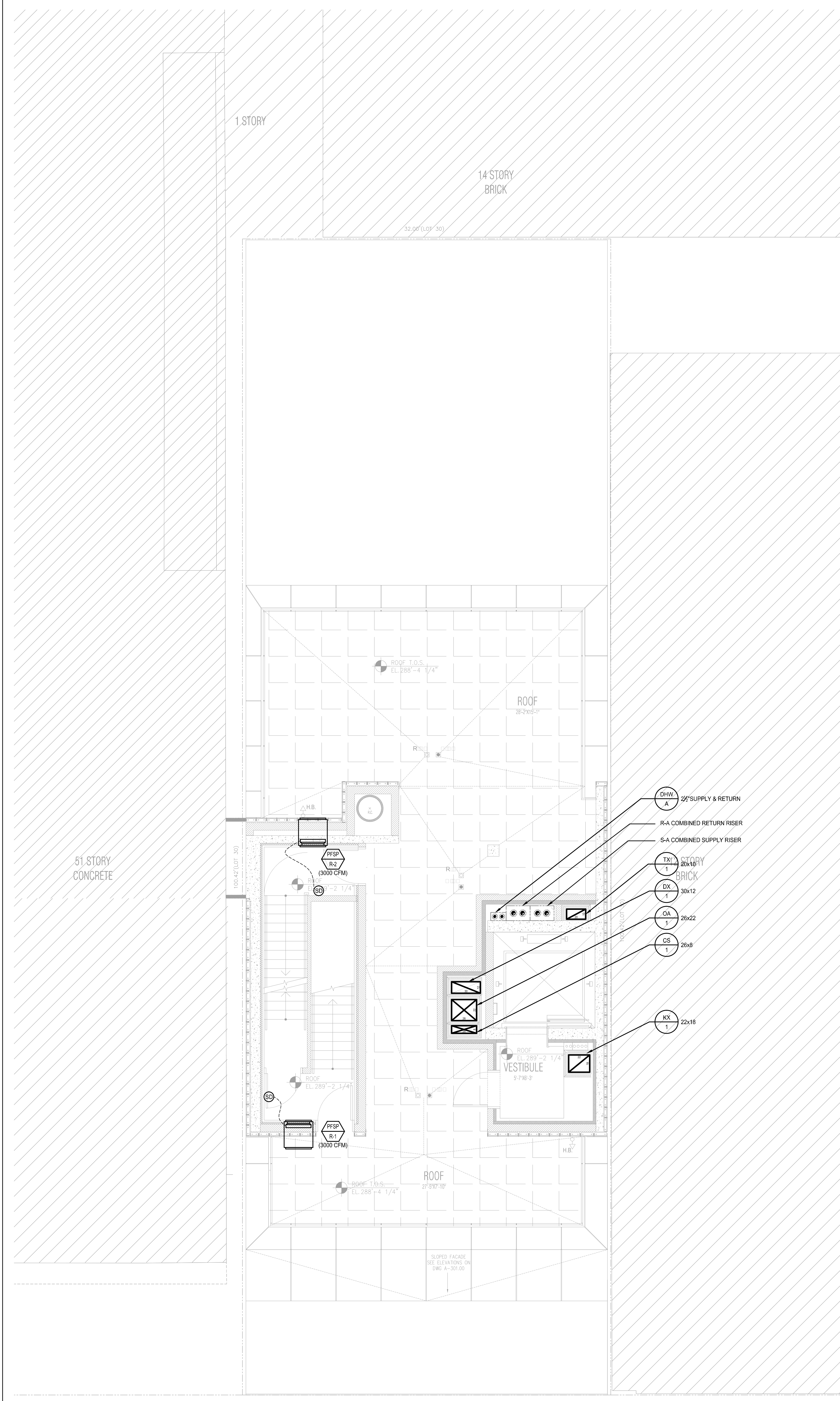


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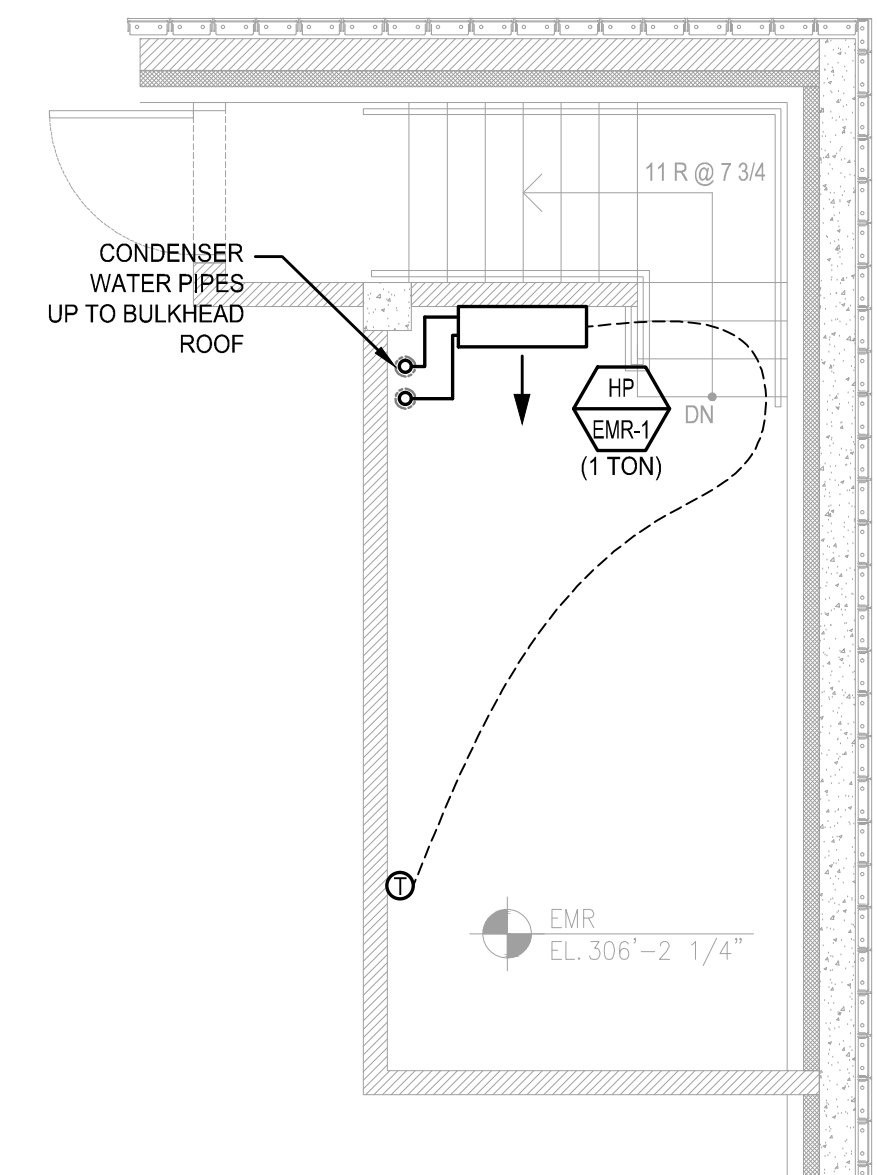
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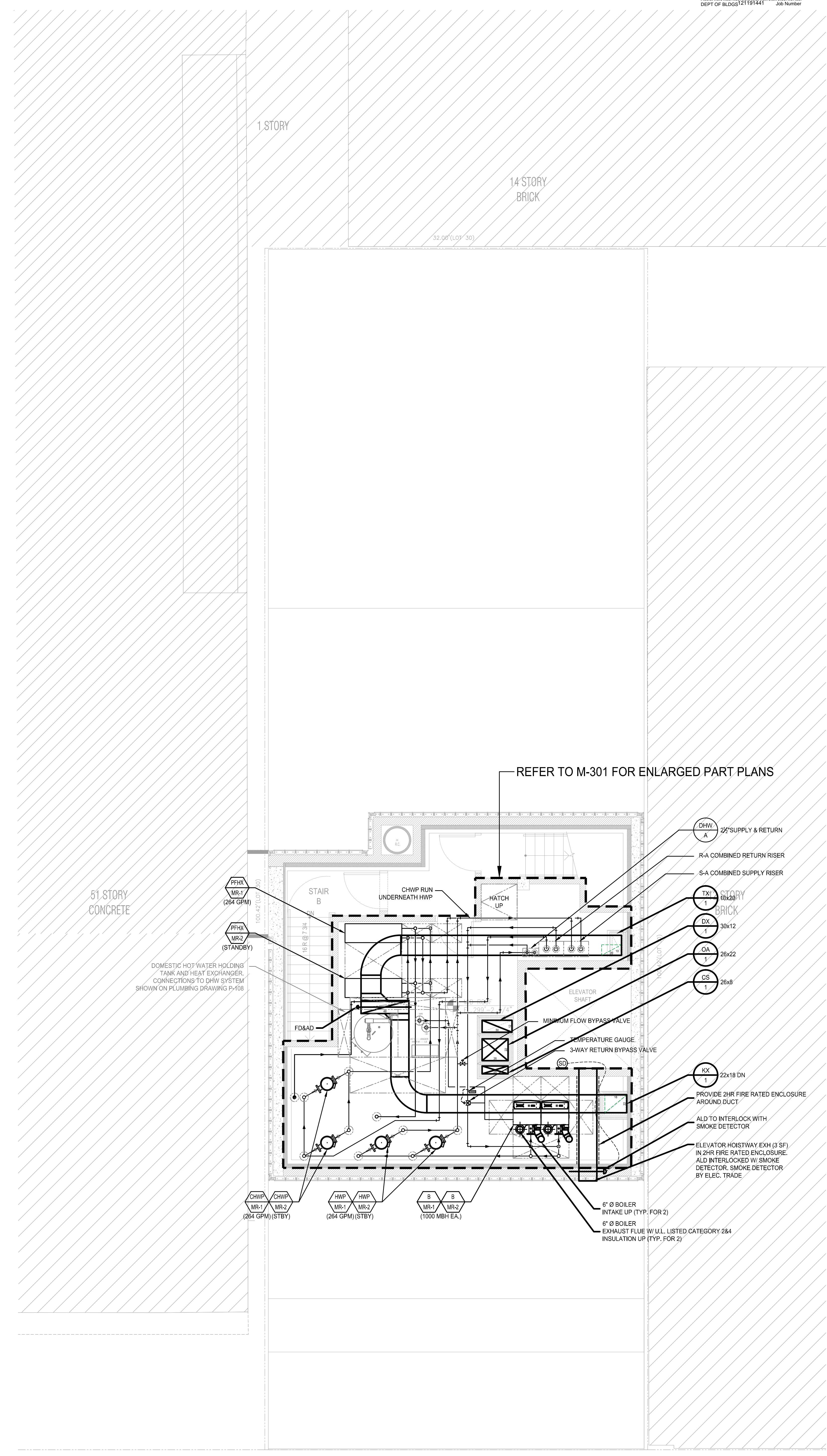
1 ROOF PLAN  
SCALE: 1/4"=1'-0"

**MECHANICAL NOTES:**

1. REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL FRAMING AND PIPE SUPPORT DETAILS.
2. ALL PIPING SHALL BE SUPPORTED INDEPENDENTLY SO THAT EQUIPMENT IS NOT STRESSED BY PIPING WEIGHT OR EXPANSION.
3. CONTRACTOR SHALL PROVIDE DETAILED DESIGN FOR ALL PIPE HANGERS AND EQUIPMENT SUPPORTS, IMPOSED LOADS, AND METHODS OF ATTACHMENT TO STRUCTURE.
4. COORDINATE ROOF SLAB OPENING FOR ALL DUCTWORK AND PIPING PENETRATIONS.
5. REFER TO MECHANICAL SPECIFICATIONS FOR MAXIMUM ALLOWABLE SPACING PERMITTED FOR SUPPORTING PIPING.



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

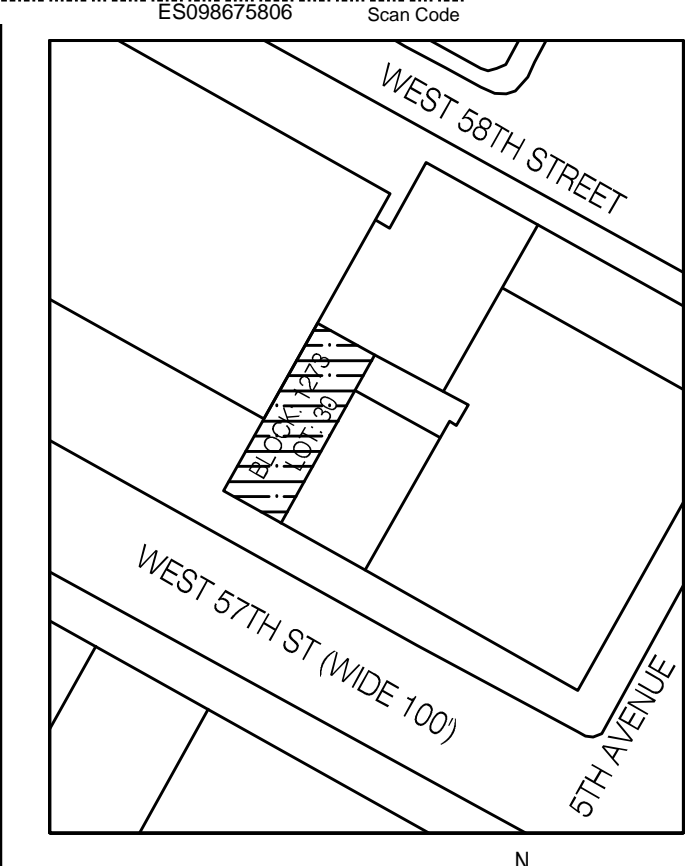


2 MID ROOF PLAN  
SCALE: 1/4"=1'-0"

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KEY PLAN

**NOTES:**

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8	05/09/2017	100% CD SUBMISSION
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6	03/17/2017	80% CD SUBMISSION
5	03/03/2017	DOB SUBMISSION
4	02/17/2017	ISSUED AS PER ENERGY COMMENTS
3	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
2	12/22/2016	ISSUED FOR FLING
1	11/22/2016	ISSUED FOR PROGRESS

Project:  
**7 WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLO9W57  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019**

Architect:  
**HILL WEST  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T: 212 213 8007**

Interior Designer:  
**Whitehall INTERIORS  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007**

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888**

MEPFP Engineer:  
**COSENTINI ASSOCIATES  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600**

Building Envelope Consultant:  
**VIDARIS  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389**

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**ROOF AND MID-ROOF  
LAYOUTS**

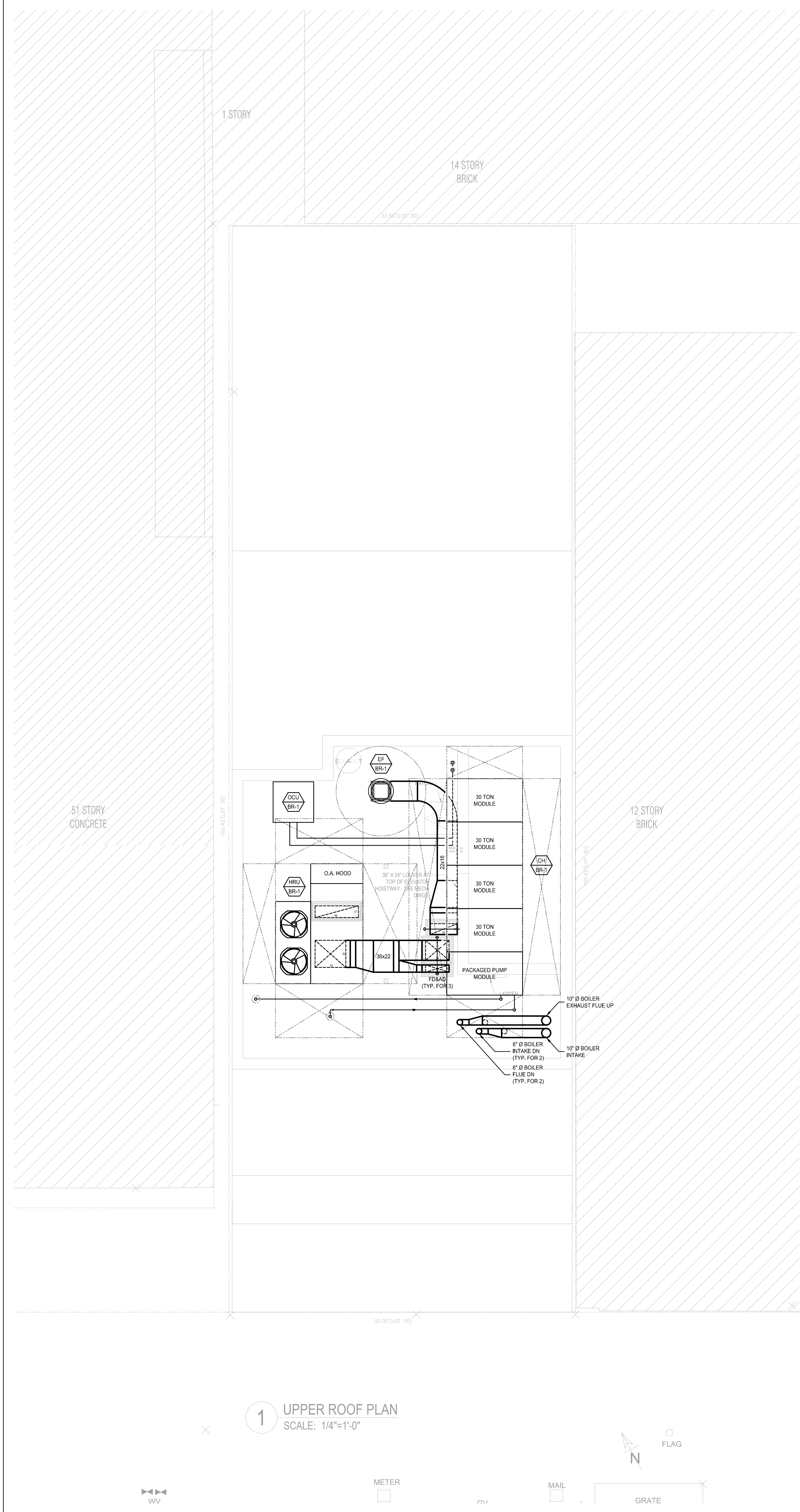
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PROJECT # 1602-6  
SCALE: 1/4" = 1'-0"

**M-107.00**  
DWG NO. 8 OF 18

NB#12191441

FILE NAME: 1602-6-ME-M107-R-M&R-DOB-AVE-IN-7772017-01-M-L-TTE-IN-7772017-02-M-L-TTE-00-A-T-A-T-A-N

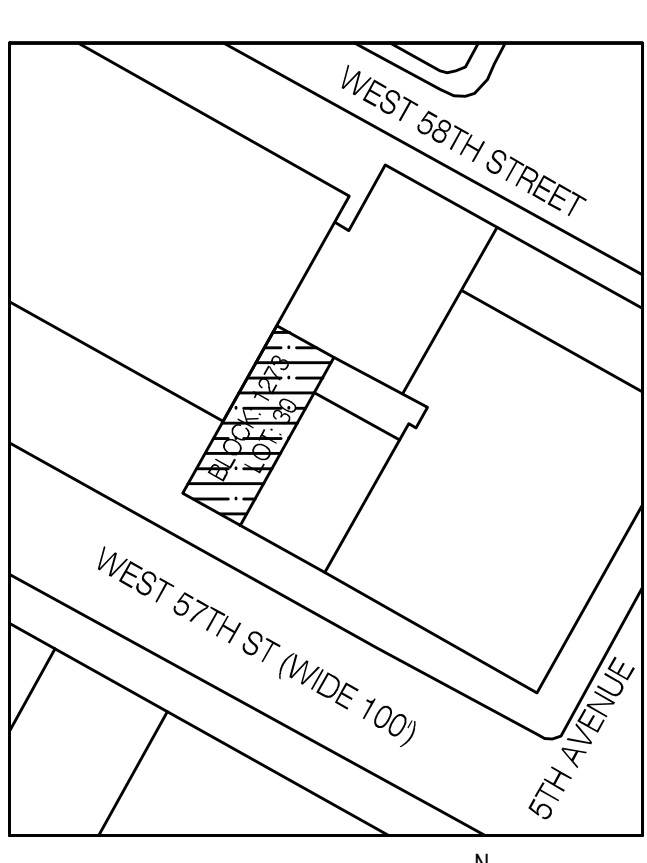


1 UPPER ROOF PLAN  
SCALE: 1/4"=1'-0"



**MECHANICAL NOTES:**

1. ANY PART OF THE EXISTING BUILDING, STRUCTURE, INFRASTRUCTURE, ETC. THAT IS DAMAGED OR ALTERED SHALL BE RESTORED TO ITS ORIGINAL CONDITION.
2. PROVIDE CAUTION SIGN STATING "OUTSIDE AIR INTAKE OPENINGS SHALL NOT BE BLOCKED OR DISABLED." SIGN SHALL BE PERMANENTLY AFFIXED IN CLEAR VIEW AND ADJACENT TO THE OPENINGS
3. A DRAIN SHALL BE PROVIDED AT BASE OF BOILER FLUE TO REMOVE RAINWATER AND CONDENSATION. THE DRAIN SHALL BE A MINIMUM OF 1 INCH AND EQUIPPED WITH A P-TRAP.
4. THE INSTALLATION OF THE BOILER FLUE SHALL BE IN ACCORDANCE WITH:
  - 4.1. 2016 NYC MECHANICAL CODE
  - 4.2. 2016 NYC FUEL GAS CODE
  - 4.3. NFPA 211
  - 4.4. NFPA 37
5. EXACT FLUE ROUTING INDICATED ON DRAWING IS DIAGRAMMATIC. CONTRACTOR SHALL COORDINATE EXACT ROUTING, LENGTH, AND CONFIGURATION WITH EQUIPMENT MANUFACTURER FOR ACTUAL REQUIREMENTS.
6. THE CONTRACTOR SHALL ENGAGE THE EQUIPMENT MANUFACTURER TO PROVIDE EXHAUST FLUE CALCULATIONS. EQUIPMENT MANUFACTURER SHALL BE RESPONSIBLE FOR PROVIDING THE PROPER SIZING AND DRAFT REQUIREMENTS FOR THE EXHAUST FLUE.
7. BOILER FLUE SHALL EXTEND AT LEAST 3 FEET ABOVE THE HIGHEST CONSTRUCTION WITHIN 10 FEET OF THE CHIMNEY OUTLET.
8. TO DETERMINE THE TIGHTNESS OF THE FLUE CONSTRUCTION, A SMOKE TEST SHALL BE PERFORMED TO VERIFY THE INTEGRITY OF THE INSTALLATION AND DETERMINE ANY EVIDENCE OF LEAKAGE OR OTHER DEFECTS. SUCH DEFECTS SHALL BE CORRECTED AND THE TEST SHALL BE REPEATED UNTIL THE RESULTS ARE SATISFACTORY.
9. THE SMOKE TEST SHALL BE CONDUCTED IN THE PRESENCE OF AND UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER RETAINED BY THE OWNER TO PROVIDE THE REQUIRED SPECIAL INSPECTIONS AND TEST. THE FIRST TEST SHALL BE UNDERTAKEN BY A THIRD PARTY AT THE OWNER'S EXPENSE. IF ANY PART OF THE TEST FAILS THE PERFORMANCE VALIDATION, ANY SUBSEQUENT TESTS SHALL BE AT THE CONTRACTOR'S EXPENSE.
10. THE FLUE SHALL BE FILLED WITH A THICK PENETRATING SMOKE PRODUCED BY ONE OR MORE SMOKE MACHINES, SMOKE BOMBS, OR OTHER EQUIVALENT METHOD. AS THE SMOKE APPEARS AT THE STACK OPENING ON THE ROOF, SUCH OPENING SHALL BE TIGHTLY CLOSED AND A PRESSURE EQUIVALENT OF 0.5 INCHES OF WATER COLUMN AS MEASURED AT THE BASE OF THE STACK, SHALL BE APPLIED. THE TEST SHALL BE APPLIED FOR A LENGTH OF TIME SUFFICIENT TO PERMIT INSPECTION OF THE FLUE. ALL PORTIONS OF THE FLUE SHALL BE SUPPORTED FOR THE DESIGN AND WEIGHT OF MATERIALS EMPLOYED. THE FLUE SHALL BE SUPPORTED AND SPACED IN ACCORDANCE WITH THE LISTING AS WELL AS THE MANUFACTURER'S REQUIREMENTS. STRUCTURAL ENGINEER SHALL REVIEW ALL IMPOSED LOADS AND METHODS OF ATTACHMENT TO BUILDING STRUCTURE.
11. COORDINATE RIGGING, HOISTING AND BRACING TO INSTALL THE EQUIPMENT AS INDICATED ON THE PLANS. THIS WORK SHALL BE PERFORMED BY AN INSURED, CERTIFIED LICENSED RIGGING COMPANY THAT IS EXPERIENCE IN RIGGING EQUIPMENT OF THE TYPE INDICATED ON THE PLANS.



**KEY PLAN**

**NOTES:**

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3	02/17/2017	60% CD SUBMISSION (NOT FOR BLD)
2	12/22/2016	ISSUED FOR FILING
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Project:  
**7 WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212 213 8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007


Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/PFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VDARIS**  
300 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

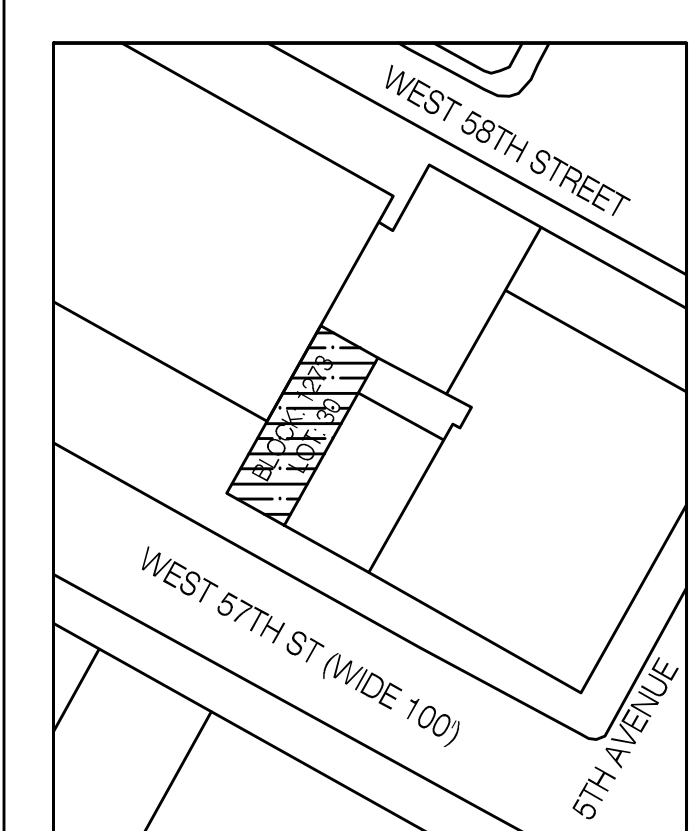
DWG TITLE:  
**BULKHEAD ROOF LAYOUT**

SEAL & SIGNATURE:  DATE: PROJECT # 1602\_6 SCALE: 1/4"=1'-0" **M-108.00** DWG NO. 9 OF 18

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**KEY PLAN**

**NOTES:**

2 07/03/2017 ISSUED PER ENERGY COMMENTS  
1 05/26/2017 100% CD SUBMISSION

Number: Date: Revision:

Project: 7 WEST 57TH STREET NEW YORK, NY 10019

Client: SOLO9W57 SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019

Architect: HILL | WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212-213-8007

Interior Designer: Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007

Structural Engineer: WSP | PARSONS BRINCKERHOFF ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888

MEP/FP Engineer: COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600

Building Envelope Consultant: VIDARIS 380 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389

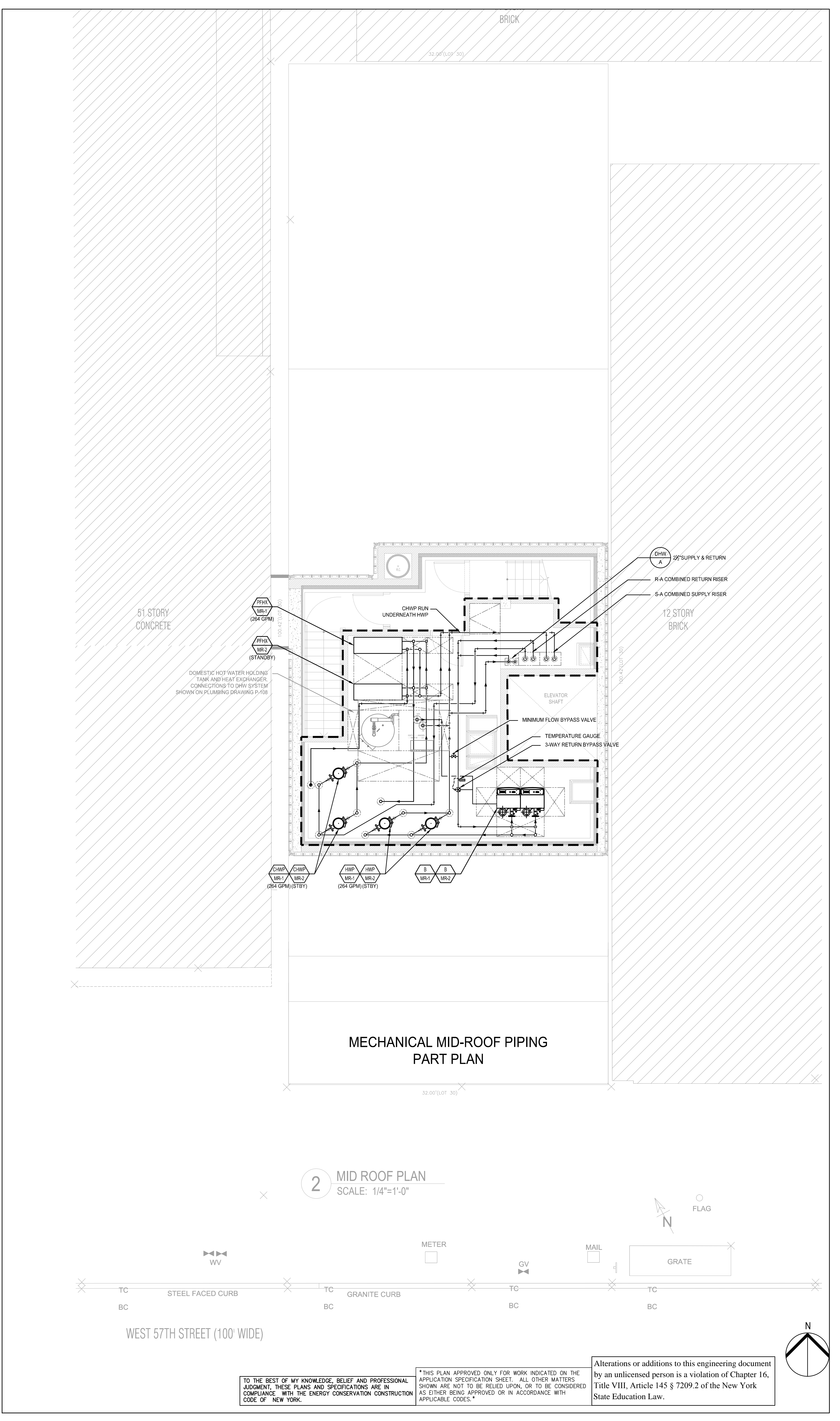
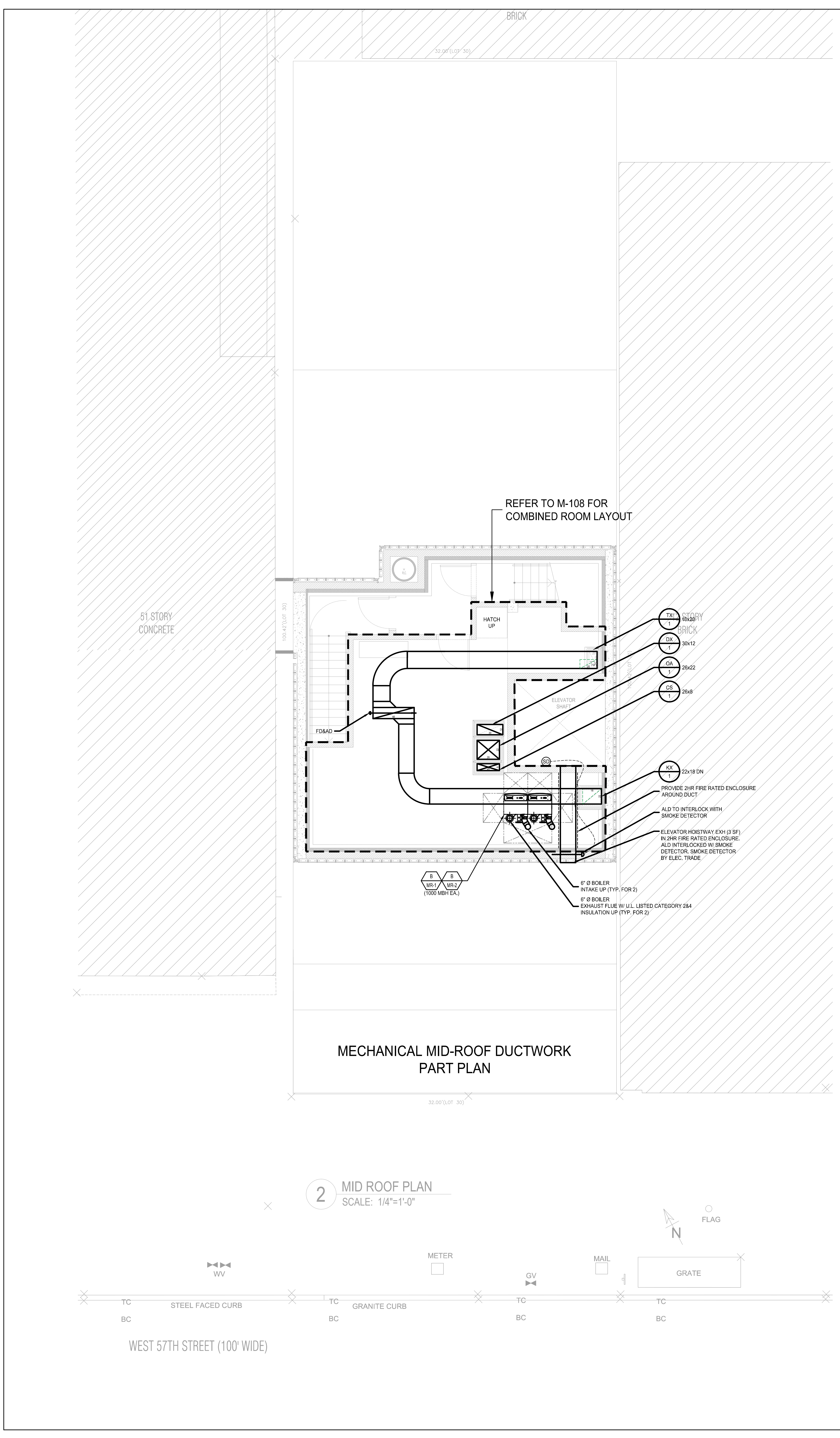
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DWG TITLE: MID-ROOF MECHANICAL ROOM DUCTWORK & PIPING PART PLANS

SEAL & SIGNATURE: PROJECT # 1602\_6 SCALE 1/4" = 1'-0"

**M-301.00** DWG NO. 05 OF 18

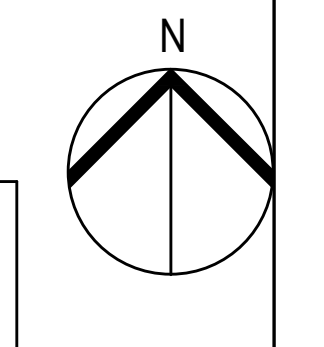
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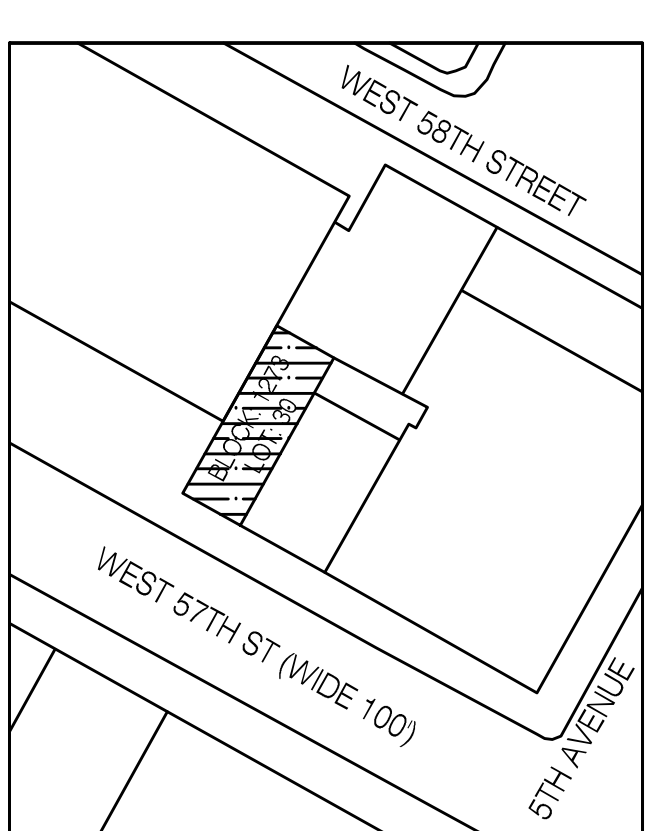
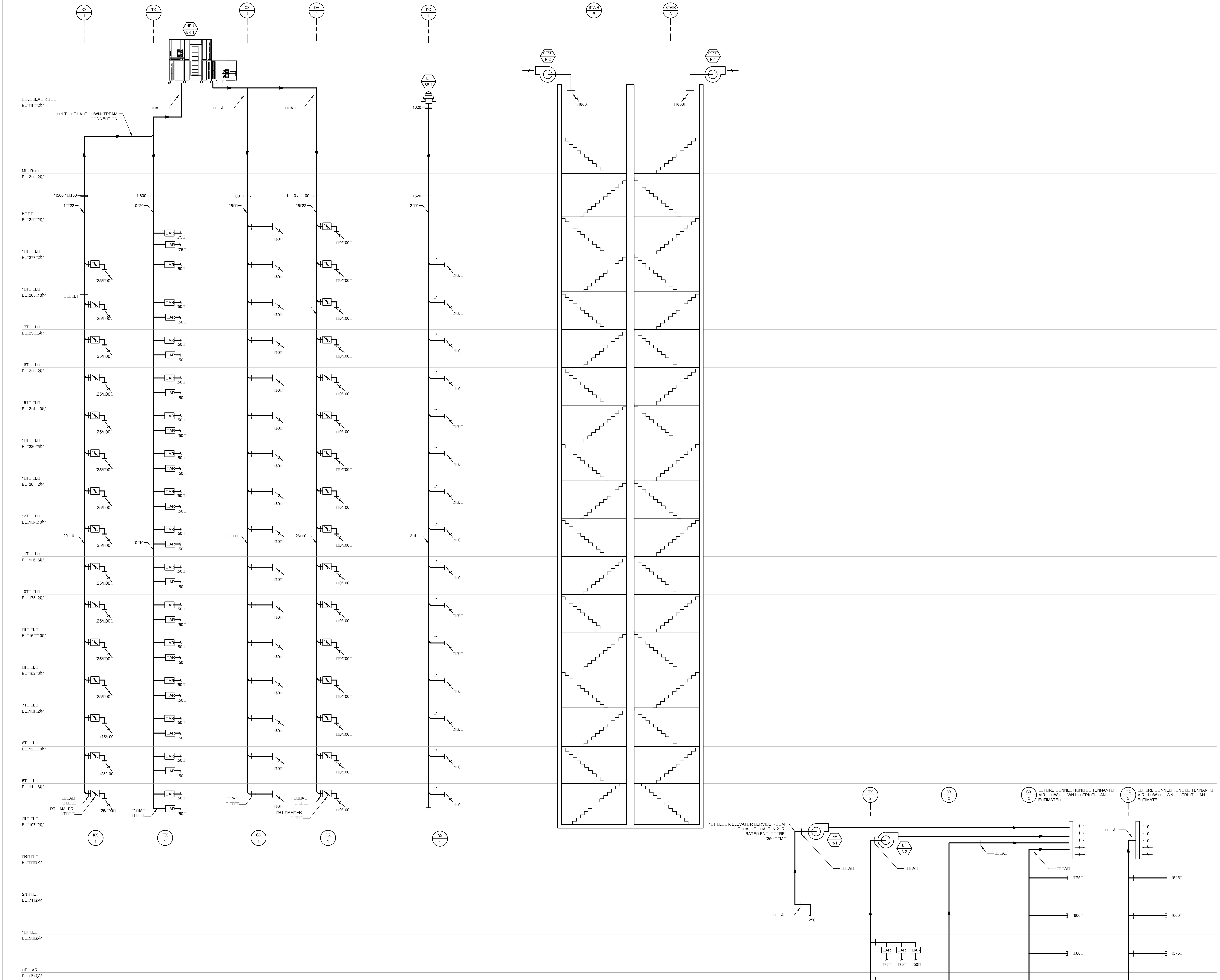
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PROJECT # 1602\_6  
SCALE 1/4" = 1'-0"  
**M-301.00**  
DWG NO. 05 OF 18

NB#121191441



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Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect: **HILL | WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8807

Interior Designer: **Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

MEP/FE Engineer: **COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant: **VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE: **MECHANICAL AIR RISER DIAGRAM**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_ PROJECT #: 1602-6 SCALE: NONE

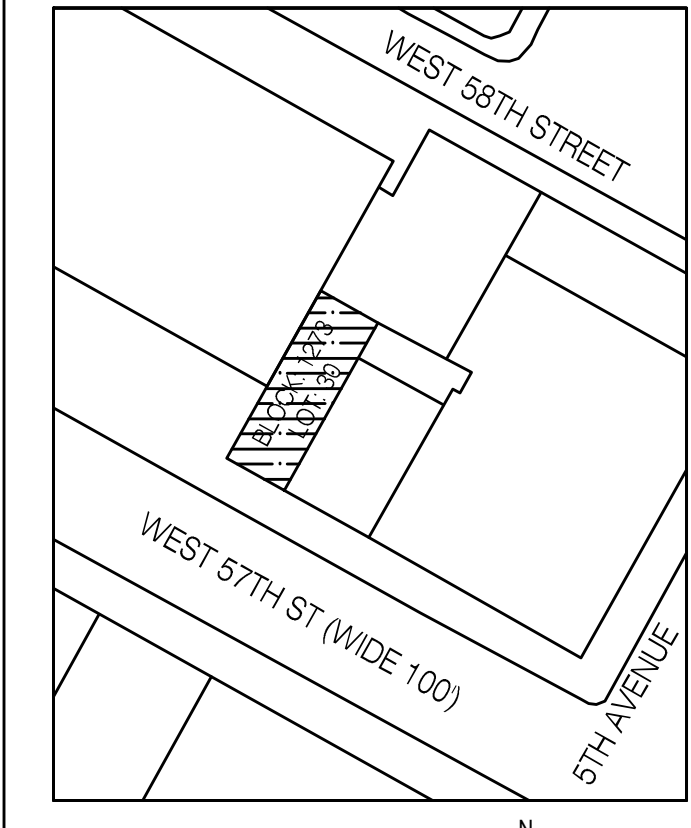
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 DWG NO. 11 OF 18  
 NB#12191441

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Client:  
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 212-687-8888

MEP/FF Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
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 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

**Mechanical PIPING RISER DIAGRAM**

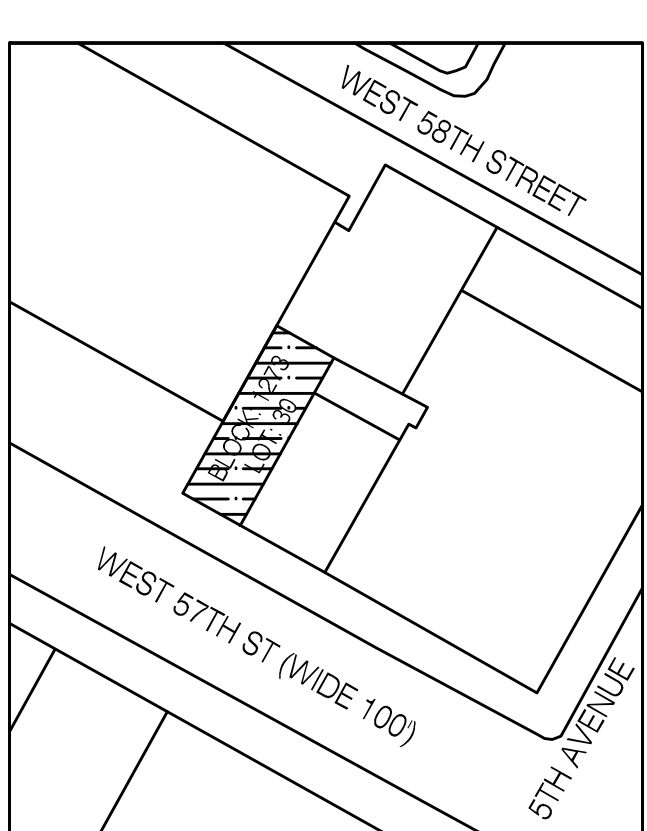
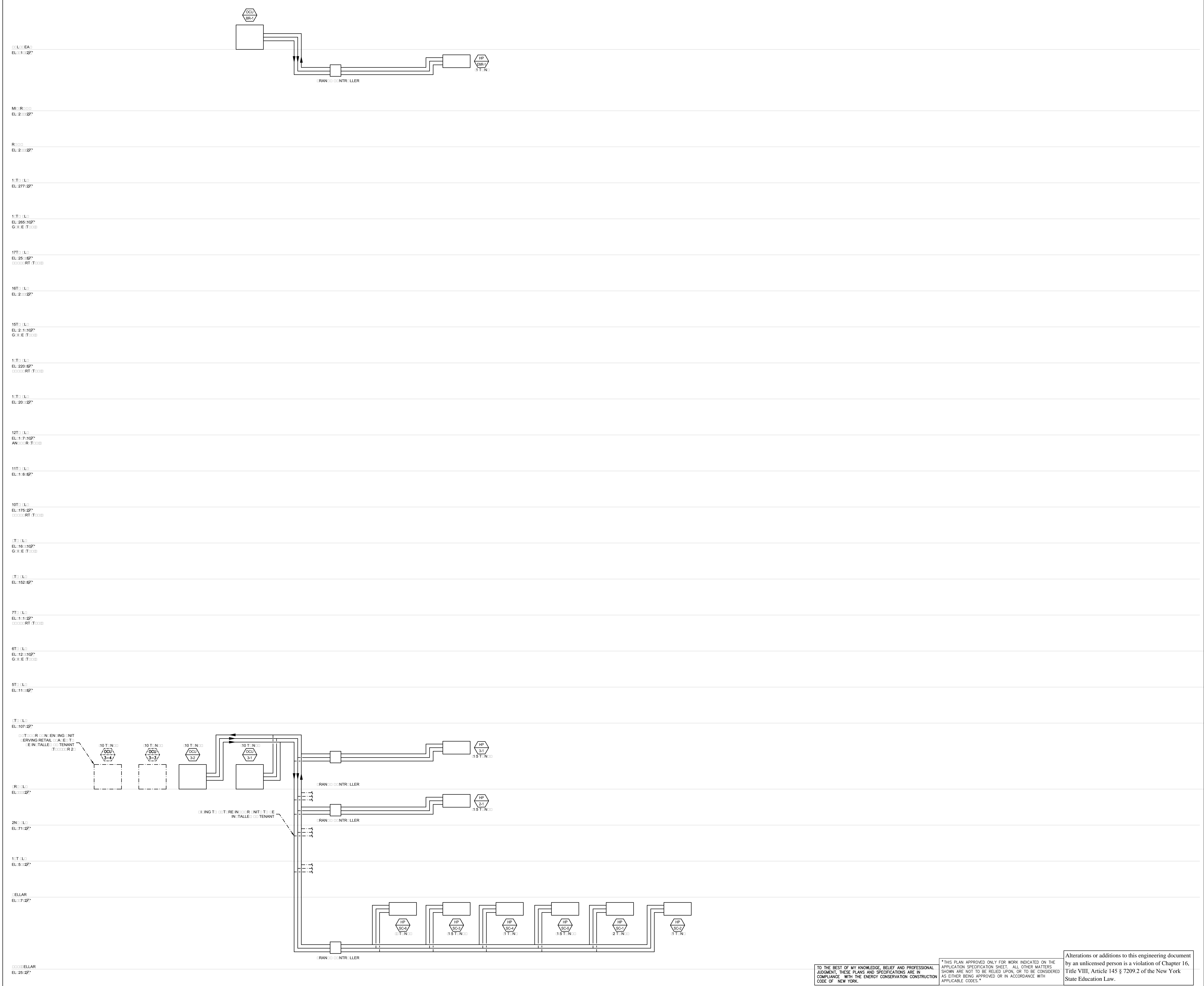
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 PROJECT #: 1602-6  
 SCALE: NONE

**M-402.00**  
 DWG NO. 12 OF 18  
 NB#12191441

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Project:  
**7**  
**WEST 57TH STREET**  
NEW YORK, NY 10019

Client:  
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SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

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NEW YORK, NY 10119  
212-687-8888

MERFPF Engineer:  
**COSENTINI ASSOCIATES**  
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NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
300 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**MECHANICAL VRF  
PIPING RISER DIAGRAM**

SEAL & SIGNATURE:  
DATE:  
PROJECT # 1602-6  
SCALE: NONE  
**M-403.00**  
DWG NO. 13 OF 18

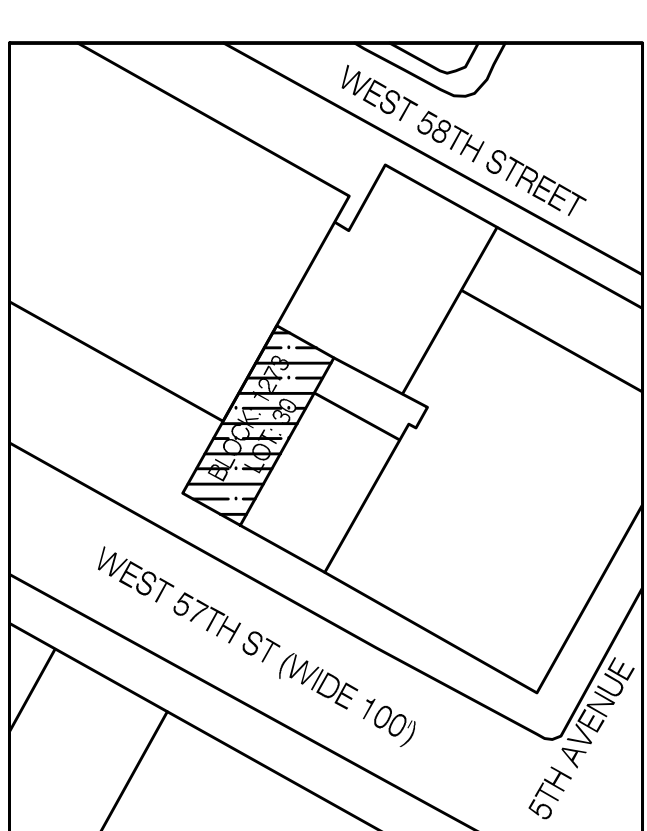
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FILE NAME: I:\1602-6 MECHANICAL\1602-6 MECHANICAL RISER DIAGRAM.dwg DATE: 7/3/2017 10:11:11 AM

FAN COIL UNIT SCHEDULE																									BASIS OF DESIGN: "IEC"								
UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	AIR FLOW (CFM)	EXT. S.P. (IN. W.C.)	COOLING DATA										HEATING DATA						MOTOR DATA					REMARKS				
								CAPACITY		E.A.T.		L.A.T.		E.W.T. (°F)	L.W.T. (°F)	WATER PRESS. DROP (FT. W.C.)	GPM	CAPACITY		E.A.T.		L.A.T.		E.W.T. (°F)	L.W.T. (°F)	WATER PRESS. DROP (FT. W.C.)	GPM	FLA		MCA	MFS	VOLTS / Ph / Hz	
								SENS. (BTUH)	TOTAL (BTUH)	DB (°F)	WB (°F)	DB (°F)	WB (°F)					SENS. (BTUH)	TOTAL (BTUH)	DB (°F)	WB (°F)	DB (°F)	WB (°F)										
FCU-A	RESIDENTIAL APARTMENTS	RESIDENTIAL APARTMENTS	4 PIPE FLOOR MOUNTED HIDE AWAY	LHW06	62 x 12 x 17	490	0.0	8,650	11,764	75	63	57.1	54.9	44	53.3	3.2	2.5	-	15,482	72	-	101.2	-	140	122.2	4.3	1.75	2.5	2.8	15.0	115 / 1 / 60	-	PROVIDE FAN COIL UNIT WITH VALVE MANUFACTURERS VALVE PACKAGE
FCU-1-1	1ST FLOOR LOBBY	1ST FLOOR LOBBY	4 PIPE CEILING HUNG	HBC06	36 x 26 x 20	600	1.0	20,940	32,958	86	71	54.4	53.9	42	56	4.0	4.7	-	37,111	38	-	95	-	140	120	4.4	3.7	8.6	-	-	120 / 1 / 60	-	



**KEY PLAN**

**NOTES:**

BOILER SCHEDULE																									BASIS OF DESIGN: "AERCO"	
UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	CAPACITY		WATER FLOW				FUEL DATA				ELECTRICAL		MAX WORKING PRESS. (PSIG)	VENT/AIR INTAKE DIAMETER (IN.)	VENT/AIR INTAKE DIAMETER (IN.)	SHIPPING WEIGHT (LBS)	AMBIENT TEMP RANGE (°F)	REMARKS			
						INPUT (MBH)	OUTPUT (MBH)	E.W.T. (°F)	L.W.T. (°F)	GPM (MIN/MAX)	PRESS. DROP @ 100 GPM (PSIG)	TYPE	OUTLET SIZE (IN.)	MAX PRESS. (IN.)	MIN PRESS. (IN.)	TURNDOWN RATIO	FLA							VOLTS / Ph / Hz		
B-MR-1	MID-ROOF MECHANICAL ROOM	RESIDENTIAL SPACE HEATING & DOMESTIC HOT WATER	CONDENSING HYDRONIC	BMK-1000-PT	28 x 25 x 78	1,000	870-960	120	140	12/175	3.0	NATURAL GAS, PROPANE	6	4	14	20:1	13	120 / 1 / 60	160	6	6	900	0 - 130	-	NOx EMISSIONS <9ppm	
B-MR-2	MID-ROOF MECHANICAL ROOM	RESIDENTIAL SPACE HEATING & DOMESTIC HOT WATER	CONDENSING HYDRONIC	BMK-1000-PT	28 x 25 x 78	1,000	870-960	120	140	12/175	3.0	NATURAL GAS, PROPANE	6	4	14	20:1	13	120 / 1 / 60	160	6	6	900	0 - 130	-	NOx EMISSIONS <9ppm	

**NOTES:**  
 1. VENTLESS GAS TRAIL  
 2. MINIMUM TURNDOWN 20:1  
 3. MAX NOX: 26 PPM, 3% O2 CORRECTED  
 4. BMS COMMUNICATION: MODBUS  
 5. BOILER MANUFACTURER TO PROVIDE LETTER OF GUARANTEE FOR AS BUILT FLUE AND COMBUSTION AIR INSTALLATION  
 6. PROVIDE SECONDARY LOW WATER CUTOFF  
 7. O2 TRIM WITH ACTIVE DEWPOINT CONTROL AND EFFICIENCY OPTIMIZATION  
 8. DUAL TEMPERATURE INLET CONNECTIONS  
 9. EXTEND WARRANTY STANDARD WITH 5-YEAR REMOTE MONITORING AND ALARMING  
 10. PROVIDE MANUAL GAS VALVE LESS THAN 5' AFF  
 11. PROVIDE BOILER SEQUENCER  
 12. BOILER STAGING POINT NOT TO EXCEED 40%  
 13. PROVIDE LIFE SAFETY PANEL  
 14. PROVIDE AUTOMATIC BOILER ISOLATION VALVES AND CONTROLS  
 15. BOILER MANUFACTURER TO CONTROL MINIMUM FLOW BYPASS VALVE TO OPTIMIZE EFFICIENCY  
 16. BOILER MANUFACTURER TO CONTROL HW PUMPS TO MAINTAIN DESIGN DELTA T & OPTIMIZE BOILER EFFICIENCY  
 17. ALTERNATE MANUFACTURER MUST COMPLY WITH ALL PERFORMANCE, SAFETY, DURABILITY, WARRANTY, AND SYSTEM DESIGN REQUIREMENTS AS DETAILED IN SPECIFICATIONS  
 18. PROVIDE MOD-BUS INTERFACE

HEAT EXCHANGER SCHEDULE																									BASIS OF DESIGN: "ALFA LAVAL"	
UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	HEAT TRANSFER AREA (SQ. FT.)	HOT SIDE					COLD SIDE					WEIGHT FLOODED (LBS)	REMARKS								
							E.W.T. (°F)	L.W.T. (°F)	GPM	PRESS. DROP (PSI)	FOULING FACTOR	E.W.T. (°F)	L.W.T. (°F)	GPM	PRESS. DROP (PSI)	FOULING FACTOR										
PHX-MR-1	MID-ROOF MECHANICAL ROOM	CONDENSER AND RESIDENTIAL WATER	PLATE & FRAME	TL SERIES	57 x 19 x 76	856	64	44	253	7.4	0.0001	44	52	264	10	0.0001	2,310	-								
PHX-MR-2 (STBY)	MID-ROOF MECHANICAL ROOM	CONDENSER AND RESIDENTIAL WATER	PLATE & FRAME	TL SERIES	57 x 19 x 76	856	64	44	253	7.4	0.0001	44	52	264	10	0.0001	2,310	-								

**NOTES:**  
 - PHX'S TO INCLUDE 10% EXCESS SURFACE AREA FOR FOULING  
 - UNITS SHALL HAVE SUFFICIENT ROOM ON THE CARRY BAR TO ADD AN ADDITIONAL 10% MORE PLATES IN FUTURE  
 - UNITS ARE TO BE AIR CERTIFIED AND/OR MANUFACTURED TO AIR CERTIFICATION TOLERANCES  
 - THE MINIMUM SURFACE AREA SHALL BE NO LESS THAN THE SCHEDULED AREA (AS MINIMUM)

PUMP SCHEDULE																									BASIS OF DESIGN: "ARMSTRONG"	
UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	FLUID	CONNECTIONS		DESIGN DUTY								MOTOR DATA					WEIGHT (LBS)	CONNECTION OUTLET DIAMETER (IN.)	REMARKS		
							OUTER DIAMETER (IN.)	INNER DIAMETER (IN.)	HEAD (FT.)	FLOW (GPM)	IMPELLER (IN.)	VFD OPERATING SPEED (RPM)	EFFICIENCY @ DESIGN	MAX PRESS. (PSI)	MAX TEMP. (°F)	SIZE (HP)	BREAK (HP)	FRAME (NO.)	GPM	ENCLOSURE	VOLTS / Ph / Hz				EFFICIENCY	
PG-CWP-MR-1	MID-ROOF MECHANICAL ROOM	CONDENSER WATER LOOP	SPLIT COUPLED VERTICAL INLINE	PT SERIES 4300	26 x 21 x 38	30% PROPYLENE GLYCOL	7.5	3	80	264	5.56	3269	73.43%	175	200	10	7.44	213TC	264	ODP	208 / 3 / 60	NEMA PREM (12.12)	366	7.5	-	
PG-CWP-MR-2 (STBY)	MID-ROOF MECHANICAL ROOM	CONDENSER WATER LOOP	SPLIT COUPLED VERTICAL INLINE	PT SERIES 4300	26 x 21 x 38	30% PROPYLENE GLYCOL	7.5	3	80	264	5.56	3269	73.43%	175	200	10	7.44	213TC	264	ODP	208 / 3 / 60	NEMA PREM (12.12)	366	7.5	-	
S-CHWP-MR-1	MID-ROOF MECHANICAL ROOM	RESIDENTIAL CHILLED WATER LOOP	SPLIT COUPLED VERTICAL INLINE	PT SERIES 4300	26 x 21 x 38	NON-POTABLE WATER	7.5	3	80	240	5.56	3206	72.33%	175	200	10	6.7	213TC	264	ODP	208 / 3 / 60	NEMA PREM (12.12)	366	7.5	-	
S-CHWP-MR-2	MID-ROOF MECHANICAL ROOM	RESIDENTIAL CHILLED WATER LOOP	SPLIT COUPLED VERTICAL INLINE	PT SERIES 4300	26 x 21 x 38	NON-POTABLE WATER	7.5	3	80	240	5.56	3206	72.33%	175	200	10	6.7	213TC	264	ODP	208 / 3 / 60	NEMA PREM (12.12)	366	7.5	-	
S-HWP-MR-1	MID-ROOF MECHANICAL ROOM	RESIDENTIAL HOT WATER LOOP	SPLIT COUPLED VERTICAL INLINE	PT SERIES 4300	26 x 21 x 38	NON-POTABLE WATER	7.5	3	80	240	5.56	3206	72.33%	175	200	10	6.7	213TC	264	ODP	208 / 3 / 60	NEMA PREM (12.12)	366	7.5	-	
S-HWP-MR-2	MID-ROOF MECHANICAL ROOM	RESIDENTIAL HOT WATER LOOP	SPLIT COUPLED VERTICAL INLINE	PT SERIES 4300	26 x 21 x 38	NON-POTABLE WATER	7.5	3	80	240	5.56	3206	72.33%	175	200	10	6.7	213TC	264	ODP	208 / 3 / 60	NEMA PREM (12.12)	366	7.5	-	

**NOTES:**  
 - REFER TO PUMP SPECIFICATION FOR ADDITIONAL INFORMATION  
 - FURNISH SEDIMENT SEPARATOR FOR EACH PUMP FOR FIELD INSTALLATION  
 - CONTAINS INTEGRATED FUSED DISCONNECT  
 - EQUIPPED WITH CASING DRAIN PLUG AND 1/2" NPT SUCTION AND DISCHARGE GAUGE PORTS  
 - TOLERANCE OF ± 0.125" SHOULD BE USED

9	07/03/2017	ISSUED PER ENERGY COMMENTS
8	05/26/2017	100% CD SUBMISSION
7	04/19/2017	90% CD SUBMISSION
6	03/17/2017	80% CD SUBMISSION
5	03/03/2017	DOB SUBMISSION
4	02/17/2017	ISSUED AS PER ENERGY COMMENTS
3	02/17/2017	60% CD SUBMISSION (NOT FOR BDI)
2	12/22/2016	ISSUED FOR FILING
1	11/22/2016	ISSUED FOR PROGRESS

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project:  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

MEP/Electrical Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**MECHANICAL SCHEDULES SHEET #1**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PROJECT #: 1602\_6  
 SCALE: NONE

**M-501.00**  
 DWG NO. 14 OF 18  
 NB#12191441

Alterations or additions to this engineering document by an unlicensed person is a violation of Chapter 16, Title VIII, Article 145 § 7209.2 of the New York State Education Law.  
 \*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.  
 TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK.

FILE NAME: I:\1602\_6 MECHANICAL SCHEDULES SHEET #1.dwg DATE: 11/27/2017 10:00 AM L:\TTE: N 772017 0000.M L:\TTE: N 772017 0000.A

### HEAT RECOVERY UNIT SCHEDULE (PART 1)

BASIS OF DESIGN: "DAIKEN"

UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	EXHAUST FAN										ENERGY RECOVERY WHEEL										UNIT ELECTRICAL						TOTAL SATIC PRESS. (IN. W.C.)	WEIGHT (LBS)														
						TYPE	AIR FLOW (CFM)	ESP (IN. W.C.)	MOTOR				O.A. VOLUME (CFM)	EXHAUST VOLUME (CFM)	WHEEL PRESS. DROP (IN. W.C.)	SUMMER CONDITIONS					WINTER CONDITIONS					EFFICIENCY	QUANTITY & SIZE (IN.)	FACE AREA OUTDOOR (SQ. FT.)	FACE AREA EXHAUST (SQ. FT.)	FACE VELOCITY (FT/MIN)	AIR PRESS. DROP (IN.)			FLA	MCA	MROPD (AMPS)	SCCR (KAIC)	VOLTS / Ph / Hz									
									TYPE	HP	FLA	BHP				RPM	AIR FLOW (CFM)	ENTERING DB (°F)	ENTERING WB (°F)	LEAVING DB (°F)	LEAVING WB (°F)	RECOVERED CAPACITY (MBH)	EFFECTIVENESS TOTAL	EFFECTIVENESS SENSIBLE	AIR FLOW (CFM)														ENTERING DB (°F)	ENTERING WB (°F)	LEAVING DB (°F)	LEAVING WB (°F)	RECOVERED CAPACITY (MBH)	EFFECTIVENESS TOTAL	EFFECTIVENESS SENSIBLE		
HRUBR-1	BULKHEAD ROOF	EXHAUST AIR ENERGY RECOVERY AND OUTSIDE AIR HOT GAS REHEAT	ROTARY ENERGY TRANSFER WHEEL WITH GAS FRED REHEAT	DPS SERIES	111 x 97 x 57	SWISAF DIRECT DRIVE	4,750	2.0	ECM	4.0	8.8	3.5	1481	4,200	4,750	0.93	SUPPLY	4,200	95.0	75.0	82.4	87.8	109.6	0.58	0.60	RETURN	4,750	95.0	75.0	82.4	87.8	232.1	0.55	0.58	MERV 8*	(6) 18 x 24	9.0	9.0	66.7	0.01	73.5	80.6	100	5.0	208 / 3 / 60	4.29	2,948

### HEAT RECOVERY UNIT SCHEDULE (PART 2)

TYPE	REFRIGERANT TYPE	ROWS	FINS PER INCH	FACE AREA (SQ. FT.)	FACE VELOCITY (FT/MIN)	PRESS. DROP (IN. W.C.)	DX COOLING COIL				HOT GAS REHEAT COIL				FAN SECTION				GAS HEAT COIL				CONDENSER COIL				COMPRESSORS				CONNECTION OUTLET DIAMETER (IN.)	REMARKS																	
							TOTAL (MBH)	SENSIBLE (MBH)	MOISTURE REMOVAL (LBS/HR)	ENTERING		LEAVING		TYPE	TOTAL CAPACITY (MBH)	FACE AREA (SQ. FT.)	FACE VELOCITY (FT/MIN)	PRESS. DROP (IN. W.C.)	LEAVING AIR		TYPE	AIR FLOW (CFM)	TOTAL ESP (IN. W.C.)	MOTOR		CAPACITY (MBH)	AIR FLOW (CFM)	AIR TEMP		GAS PRESSURE			TYPE	NET CAPACITY (MBH)	FINS PER INCH	MOTORS (QTY.)	TOTAL FLA	EER	IEER	TYPE	QTY.	TOTAL POWER (KW)	COMPRESSORS						
										DB (°F)	WB (°F)	DB (°F)	WB (°F)						DB (°F)	WB (°F)				HP	FLA			BHP	RPM	ENT. (°F)													LVG. (°F)	MODULATION	MIN. (IN. W.C.)	MAX. (IN. W.C.)	#1 (AMPS)	#2 (AMPS)	
COPPER TUBE ALUMINUM FIN	R410A	6	15	15.4	272.2	0.32	175.95	128.8	40.2	82.7	65.0	54.7	54.7	ALUMINUM TUBE MICRO CHANNEL	78.86	14.6	272.2	0.07	72.0	61.0	SWISAF DIRECT DRIVE	4,200	4.3	ECM	8.0	13.5	4.68	1673	320	4,200	0.0	72.0	10.1	7.0	14.0	ALUMINUM MICROCHANNEL	168	21	(2)	4.0	10.8	17.5	INVERTER SCROLL + FIXED SCROLL	(2)	12.5	17.5	28.3	7.5	-

NOTES:  
\* PROVIDE BACNET COMPATIBILITY

### CHILLER SCHEDULE

BASIS OF DESIGN: "MULTISTACK"

UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	MODULE QTY.	CAPACITY		REFRIGERANT		EVAPORATOR DATA				COMPRESSOR DATA				ELECTRICAL DATA				FREE COOLING MODE				AMBIENT TEMP (°F)	EER	COP	SOUND POWER (dBA)	UNIT WEIGHT (LBS)	REMARKS				
							TOTAL (TONS)	NOMINAL PER MODUL (TONS)	TYPE	CHARGE PER MODULE (LBS)	E.W.T. (°F)	L.W.T. (°F)	GPM	WATER PRESS. DROP (FT. W.C.)	MIN. FLOW (GPM)	HEADER SIZE (IN.)	HEADER CONNECTION TYPE	TYPE	NUMBER PER MODULE (QTY.)	RLA	FAN FLA	MCA	MOP	KW	PER TON	VOLTS / Ph / Hz							CAPACITY (TONS)	PRESSURE DROP (FT. W.C.)	FAN FLA	MODULE FLA
CH-BR-1	BULKHEAD ROOF	RESIDENTIAL CONDENSER WATER LOOP	MODULAR CHILLER WITH INTEGRAL FREE COOLING	ASF SERIES	188 x 84 x 106	(4)	101.0	30.0	R410A	125	52.0	54.0	264.2	10.25	66.0	6.0	GROOVED COUPLING	SCROLL	(2)	55	7.4	513	600	126	1,248	208 / 3 / 60	79.2	12.8	(2) 9.7	19.4	95.0	9,613	2.82	82.0	TBD	-

NOTES:  
\* CONTRACTOR SHALL COORDINATE WITH CHILLER MANUFACTURER FOR RIGGING REQUIREMENTS.  
\* CHILLER SHALL BE FURNISHED WITH PUMP MODULE. COORDINATE WITH PUMP SCHEDULE FOR PRIMARY CHILLED WATER PUMP PERFORMANCE REQUIREMENTS

### HEAT PUMP SCHEDULE

BASIS OF DESIGN: "FUJITSU"

UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (W"xH"xD")	AIR FLOW		COOLING DATA		TOTAL HEATING CAPACITY (MBH)	FAN DATA					FILTER TYPE	UNIT WEIGHT (LBS)	SOUND PRESSURE (dB)	MAX STATIC PRESS. (IN. W.C.)	REMARKS
						MAX. (CFM)	MIN. (CFM)	NOMINAL CAPACITY (TONS)	TOTAL CAPACITY (MBH)		FLA	MCA	HP	INPUT (W)	VOLTS / Ph / Hz					
						AMBIENT AIR TEMP. (°F)	REFRIGERANT TYPE	NOMINAL CAPACITY (TONS)	TOTAL CAPACITY (MBH)		FLA	MCA	HP	INPUT (W)	VOLTS / Ph / Hz					
HP-SC-1	SUBCELLAR FLOOR ELEC. M.R.	ELEC. M.R.	WALL MOUNTED	ASU SERIES	40 x 13 x 69	647	430	2	24,000	27,000	0.52	0.65	-	60	208 / 1 / 60	AS PER MANUFACTURER	42	35 - 48	-	-
HP-SC-2	SUBCELLAR FLOOR ATS. RM.	ATS. RM.	WALL MOUNTED	ASU SERIES	32 x 11 x 9	330	247	1	12,000	13,500	0.41	0.51	-	22	208 / 1 / 60	AS PER MANUFACTURER	26	31 - 39	-	-
HP-SC-3	SUBCELLAR FLOOR TENANT STORAGE	TENANT STORAGE	SLIM COMPACT DUCT	ARU SERIES	36 x 8 x 25	553	441	1.5	18,000	20,000	0.42	0.53	-	32	208 / 1 / 60	AS PER MANUFACTURER	42	35 - 41	-	-
HP-SC-4	SUBCELLAR FLOOR LAUNDRY	LAUNDRY	WALL MOUNTED	ASU SERIES	32 x 11 x 9	330	247	1	12,000	13,500	0.41	0.51	-	22	208 / 1 / 60	AS PER MANUFACTURER	26	31 - 39	-	-
HP-SC-5	SUBCELLAR FLOOR I.T.	I.T.	WALL MOUNTED	ASU SERIES	32 x 11 x 9	494	406	1.5	18,000	20,000	0.41	0.51	-	22	208 / 1 / 60	AS PER MANUFACTURER	26	31 - 39	-	-
HP-SC-6	SUBCELLAR FLOOR TOILET	TOILET	OUTDOOR AIR UNIT	AAU SERIES	54 x 17 x 23	636	636	4	48,000	30,000	1.22	1.88	-	179	208 / 1 / 60	AS PER MANUFACTURER	121	42	-	-
HP-2-1	2ND FLOOR ELEVATOR CONTROL ROOM	ELEVATOR CONTROL ROOM	WALL MOUNTED	ASU SERIES	32 x 11 x 9	330	247	1	12,000	13,500	0.41	0.51	-	22	208 / 1 / 60	AS PER MANUFACTURER	26	31 - 39	-	-
HP-3-1	THIRD FLOOR CORRIDOR	CORRIDOR	SLIM COMPACT DUCT	ARU SERIES	46 x 31 x 11	553	441	1.5	18,000	20,000	0.61	0.76	-	83	208 / 1 / 60	AS PER MANUFACTURER	60	28 - 34	0.36	-
HP-EMR-1	MID ROOF ELEVATOR MACHINE ROOM	ELEVATOR MACHINE ROOM	WALL MOUNTED	ASU SERIES	32 x 11 x 9	330	247	1	12,000	13,500	0.41	0.51	-	22	208 / 1 / 60	AS PER MANUFACTURER	26	31 - 39	-	-

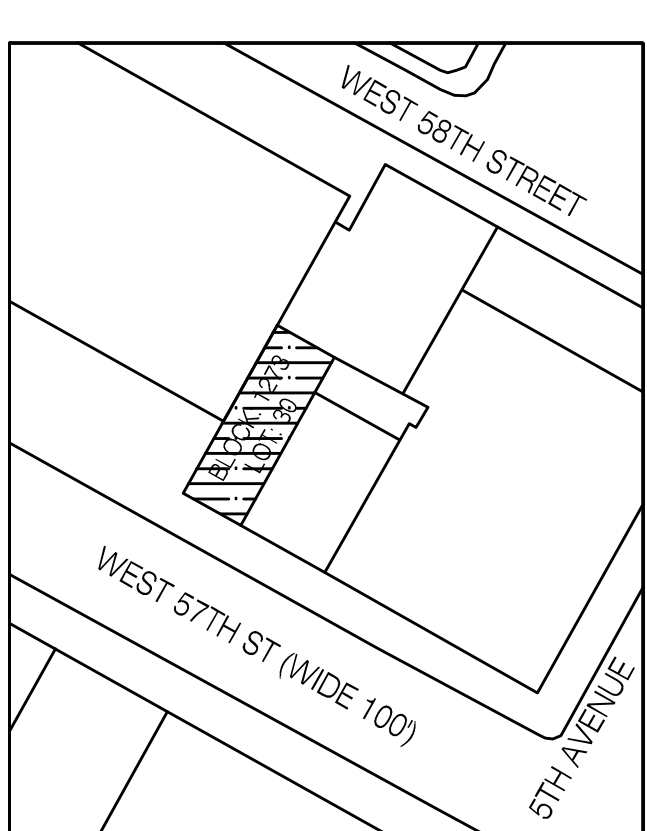
NOTES:  
\* PROVIDE BACNET COMPATIBILITY

### OUTDOOR CONDENSING UNIT SCHEDULE

BASIS OF DESIGN: "FUJITSU"

UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (H"xW"xD")	AIR FLOW (CFM)	AMBIENT AIR TEMP. (°F)	REFRIGERANT TYPE	COOLING DATA			HEATING DATA		COMPRESSOR DATA		EER	UNIT WEIGHT (LBS)	REMARKS
									NOMINAL (TONS)	INPUT (kW)	MCA	MCA	CAPACITY (BTU/hr)	INPUT POWER (KW)	VOLTS / Ph / Hz			
OCU-3-1	THIRD FLOOR MECHANICAL ROOM	HP-SC-1,2,3,4,5 AND HP-3-1, HP-3-2	OUTDOOR CONDENSING UNIT	AOU SERIES	67 x 49 x 31	7652	0.0	R410A	10	9.75	50	-	135,000	10.11	208 / 3 / 60	11.6	639	-
OCU-3-1	THIRD FLOOR MECHANICAL ROOM	HP-SC-1,2,3,4,5 AND HP-3-1, HP-3-2	OUTDOOR CONDENSING UNIT	AOU SERIES	67 x 49 x 31	7652	0.0	R410A	10	9.75	50	-	135,000	10.11	208 / 3 / 60	11.6	639	-
OCU-3-4	THIRD FLOOR MECHANICAL ROOM	RETAIL SPACE	OUTDOOR CONDENSING UNIT	AOU SERIES	67 x 49 x 31	7652	0.0	R410A	10	9.75	50	-	135,000	10.11	208 / 3 / 60	11.6	639	- TO BE INSTALLED BY FUTURE TENANT
OCU-3-4	THIRD FLOOR MECHANICAL ROOM	RETAIL SPACE	OUTDOOR CONDENSING UNIT	AOU SERIES	67 x 49 x 31	7652	0.0	R410A	10	9.75	50	-	135,000	10.11	208 / 3 / 60	11.6	639	- TO BE INSTALLED BY FUTURE TENANT
OCU-BR-1	BULKHEAD ROOF	HP-EMR-1	OUTDOOR CONDENSING UNIT	AOU SERIES	45 x 19 x 45	2472	0.0	R410A	4	3.73	40	33	54,000	3.97	208 / 3 / 60	11.8	282	-

NOTES:  
\* PROVIDE BACNET COMPATIBILITY



KEY PLAN

NOTES:

9	07/03/2017	ISSUED PER ENERGY COMMENTS
8	05/26/2017	100% CD SUBMISSION
7	04/19/2017	90% CD SUBMISSION
6	03/17/2017	80% CD SUBMISSION
5	03/03/2017	DOB SUBMISSION
4	02/17/2017	ISSUED AS PER ENERGY COMMENTS
3	02/17/2017	60% CD SUBMISSION (NOT FOR BIDDING)
2	12/22/2016	ISSUED FOR FILING
1	11/22/2016	ISSUED FOR PROGRESS

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project:  
**7**  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212 213 0907

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MERFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**MECHANICAL SCHEDULES SHEET #2**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
PROJECT #: 1602\_6  
SCALE: NONE  
**M-502.00**  
DWG NO. 15 OF 18  
NB#12191441

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TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK.

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**CABINET UNIT HEATER SCHEDULE** BASIS OF DESIGN: "STERLING"

UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	AIR FLOW (CFM)	HEATING DATA								MOTOR DATA				REMARKS	
							TOTAL CAPACITY (MBH)	E.A.T.		L.A.T.		E.W.T. (°F)	L.W.T. (°F)	GPM	WATER PRESS. DROP (FT. W.C.)	FLA	HP	RPM		VOLTS / Ph / Hz
								DB (°F)	WB (°F)	DB (°F)	WB (°F)									
CUHA	1ST FLOOR VESTIBULE	1ST FLOOR VESTIBULE	3-RPE WALL RECESSED	CBS-RC SERIES	47 x 31 x 25	430	15	80	-	122	-	140	120	2.5	0.43	1.4	1/15	1050	115 / 1 / 60	-

**ELECTRIC UNIT HEATER SCHEDULE** BASIS OF DESIGN: "MARKEL"

UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	AIR FLOW (CFM)	HEATING DATA					MOTOR DATA				REMARKS					
							TOTAL CAPACITY (KW)	E.A.T.		L.A.T.		POWER (KW)	FLA	HP	RPM		VOLTS / Ph / Hz				
								DB (°F)	WB (°F)	DB (°F)	WB (°F)										
EUH-1.1	1ST FLOOR STAIRCASE	1ST FLOOR EAST STAIRCASE	WALL RECESSED	ADUH SERIES	44 x 9 x 28	660	10	72	-	101.2	-	-	-	-	-	-	-	-	208 / 3 / 60	-	PROVIDE INTEGRATED THERMOSTATIC CONTROLS
EUH-1.2	1ST FLOOR STAIRCASE	1ST FLOOR WEST STAIRCASE	CEILING RECESSED	ADUH SERIES	44 x 9 x 28	660	10	72	-	101.2	-	-	-	-	-	-	-	-	208 / 3 / 60	-	PROVIDE INTEGRATED THERMOSTATIC CONTROLS

**EXHAUST FAN SCHEDULE** BASIS OF DESIGN: "GREENHECK"

UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	AIR FLOW (CFM)	EXT. S.P. (IN. W.C.)	MOTOR DATA				OPERATING HP	UNIT WEIGHT (LBS)	REMARKS
								FLA	RPM	HP	VOLTS / Ph / Hz			
DX-MR-1	BULKHEAD ROOF	RESIDENTIAL DRIVERS	UP-BLAST DIRECT DRIVE CENTRIFUGAL	CUE SERIES	- x - x -	1,650	2.0	6.6	1,725	1.5	208 / 3 / 60	0.9	96	- NEMA-1 SWITCH (TOGGLE SHIPPED WITH UNIT) - STANDING CLIP CAP SIZE: 2F 5/8"
EF-SC-1	SUB-CELLAR WATER METER ROOM	WATER METER ROOM EXHAUST	IN-LINE DIRECT DRIVE CENTRIFUGAL	-	- x - x -	400	0.5	-	-	-	115 / 1 / 60	-	-	- NEMA-1 SWITCH (TOGGLE SHIPPED WITH UNIT)
EF-Q-1	3RD FLOOR COMPACTOR ROOM	2ND FLOOR ELEVATOR CONTROL ROOM EXHAUST	IN-LINE DIRECT DRIVE CENTRIFUGAL	SQ SERIES	- x - x -	200	0.5	5.8	1,725	0.25	115 / 1 / 60	0.06	49	- NEMA-1 SWITCH (TOGGLE SHIPPED WITH UNIT)
EF-Q-2	3RD FLOOR COMPACTOR ROOM	COMPACTOR ROOM EXHAUST	IN-LINE DIRECT DRIVE CENTRIFUGAL	SP SERIES	- x - x -	250	0.3	-	1,080	-	115 / 1 / 60	0.15	34	- ALUMINUM GRILLE WITH WHITE ENAMEL FINISH - WHEEL MATERIAL: POLYPROPYLENE - UL/ULC SPT LISTED ELECTRIC FAN

**POST FIRE SMOKE PURGE FAN SCHEDULE** BASIS OF DESIGN: "COOK"

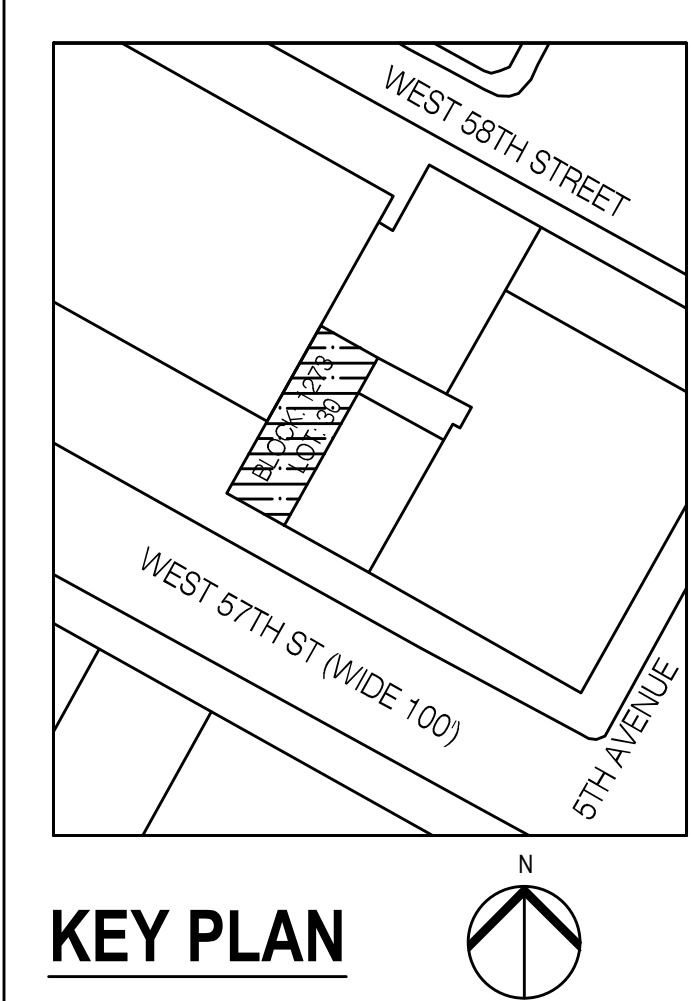
UNIT TAG	LOCATION	SERVICE	TYPE	MODEL NUMBER	DIMENSIONS (L"xW"xH")	AIR FLOW (CFM)	EXT. S.P. (IN. W.C.)	MOTOR DATA				OPERATING HP	UNIT WEIGHT (LBS)	REMARKS
								FLA	RPM	HP	VOLTS / Ph / Hz			
PFSP-R-1	ROOF	STARWELL A	CENTRIFUGAL SQUARE IN-LINE BELT DRIVE	1808GN SERIES	30 x 30 x 45	3,000	2.0	-	1,725	2.0	115 / 1 / 60	2.8	143	-
PFSP-R-2	ROOF	STARWELL B	CENTRIFUGAL SQUARE IN-LINE BELT DRIVE	1808GN SERIES	30 x 30 x 45	3,000	2.0	-	1,725	2.0	115 / 1 / 60	2.8	143	-

**LINEAR DIFFUSER SCHEDULE**

DESIGNATION	APPLICATION	MANUFACTURER	MODEL	NO. OF SLOTS	SLOT WIDTH	CFM / LINEAR FT.	BORDER TYPE	MAXIMUM N.C.	REMARKS
LDA	LINEAR SUPPLY DIFFUSER	TITUS	ML-39	1	1"	0-30	-	15	
LD-B	LINEAR SUPPLY DIFFUSER	TITUS	ML-40	1	1 1/2"	30-40	-	15	
LDC	LINEAR SUPPLY DIFFUSER	TITUS	ML-39	2	1"	45-65	-	15	
LD-D	LINEAR SUPPLY DIFFUSER	TITUS	ML-39	3	1"	65-100	-	15	
RDA	LINEAR RETURN DIFFUSER	TITUS	ML-39	1	1"	-	-	15	
RD-B	LINEAR RETURN DIFFUSER	TITUS	ML-40	1	1 1/2"	-	-	15	
RD-C	LINEAR RETURN DIFFUSER	TITUS	ML-39	2	1"	-	-	15	
RD-D	LINEAR RETURN DIFFUSER	TITUS	ML-39	3	1"	-	-	15	

**NOTE:**

- CONTRACTOR SHALL COORDINATE ALL BORDER TYPES WITH ARCHITECT FOR CEILING CONSTRUCTION
- PROVIDE ALL MOUNTING CLIPS AND END CAPS.
- FIRE FLOW SHALL BE MANUFACTURED FROM HEAVY WALL EXTRUDED ALUMINUM
- LINEAR SHALL BE PROVIDED WITH STANDARD FINISHES, FLAT BLACK FOR INTERIOR SURFACES EXPOSED TO VIEW AND WHITE FOR EXPOSED FLANGES. BORDER TO MATCH EXISTING AIR OUTLETS. ALL FINISHES SUBJECT TO ARCHITECT'S APPROVAL.
- LINEAR RETURN SLOTS SHALL PROVIDED WITH INSULATED LIGHT SHIELD INTERIOR SURFACES EXPOSED TO VIEW SHALL BE FINISHED IN FLAT BLACK AND WHITE FOR EXPOSED FLANGES. ALL FINISHES SUBJECT TO ARCHITECT'S APPROVAL.
- PROVIDE CABLE OPERATED DAMPER FROM THE FACE OF DIFFUSERS FOR ALL FLOOR.
- PROVIDE 1" LINED SUPPLY AIR FLEXIBLES 14"X6" AT ALL ACTIVE SECTIONS.
- COORDINATE FINISH AND CEILING MOUNTING REQUIREMENTS WITH ARCHITECT.
- PATTERN DEFLECTORS SHALL BE FIELD SET FOR ALTERNATING RIGHT AND LEFT HAND HORIZONTAL DIRECTIONS TO OPTIMIZE DRAFT FREE COMFORT CONDITIONS IN OCCUPIED ZONE.
- SUBRIM SHALL BE CONSTRUCTED WITH 1/4 GAUGE GALVANIZED STEEL AND LINED INSIDE WITH BLACK WHITE FIBREGLASS INSULATION. PLenum ATTACHMENT TO LINEAR DIFFUSER SHALL BE AIRTIGHT AND ATTACHMENT HARDWARE SHALL NOT INTERFERE WITH PATTERN DEFLECTOR ADJUSTMENT.
- PERFORMANCE DATA OBTAINED FROM TESTS IN ACCORDANCE WITH ASHRAE STANDARD 70-2006.



**KEY PLAN**

**NOTES:**

Number	Date	Revision:
9	07/03/2017	ISSUED PER ENERGY COMMENTS
8	05/26/2017	100% CD SUBMISSION
7	04/19/2017	90% CD SUBMISSION
6	03/17/2017	80% CD SUBMISSION
5	03/03/2017	DOB SUBMISSION
4	02/17/2017	ISSUED AS PER ENERGY COMMENTS
3	02/17/2017	60% CD SUBMISSION (NOT FOR BIDDING)
2	12/22/2016	ISSUED FOR FILING
1	11/22/2016	ISSUED FOR PROGRESS

Project:  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T: 212 213 8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**MECHANICAL SCHEDULES SHEET #3**

SEAL & SIGNATURE:

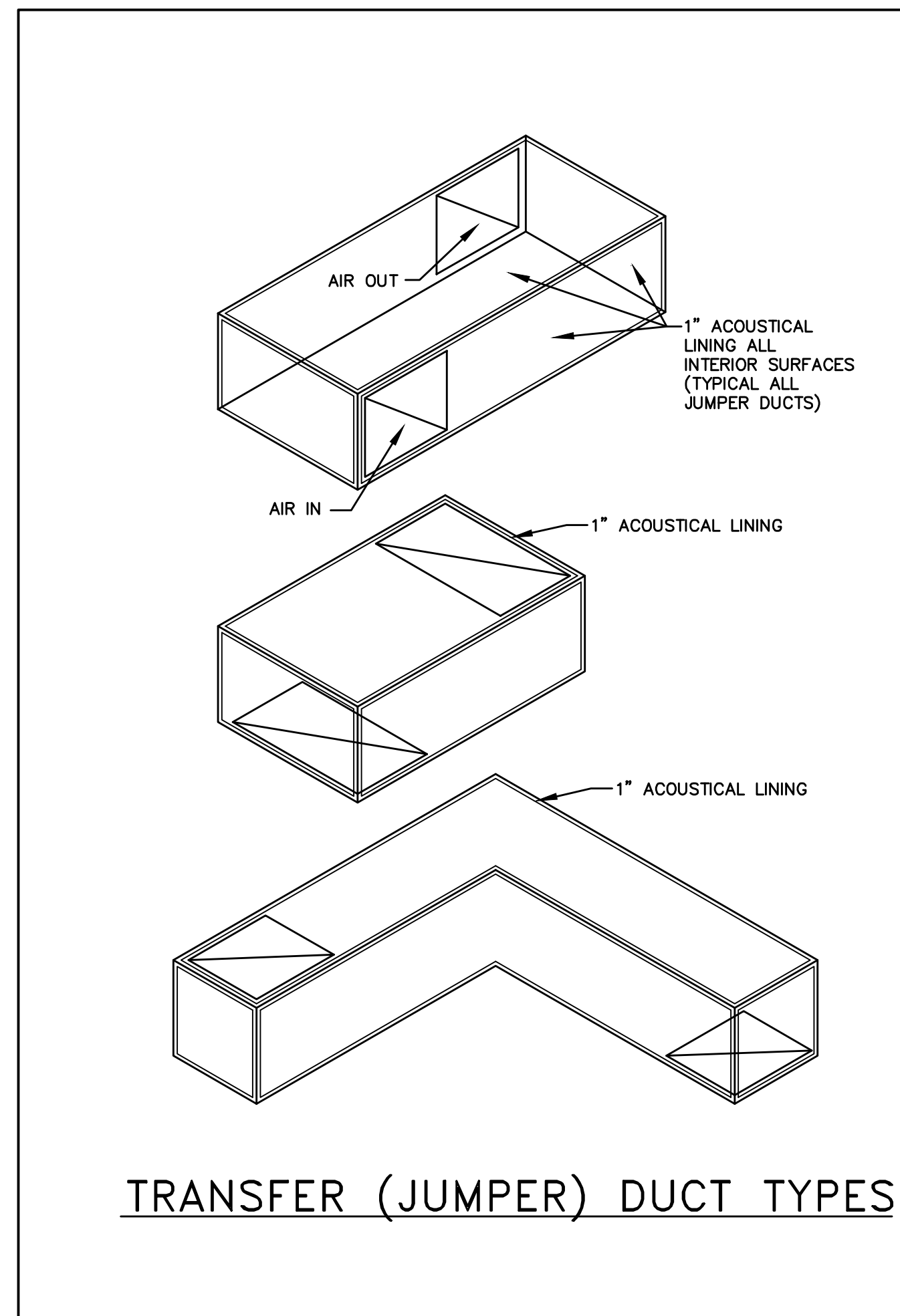
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 PROJECT #: 1602-6  
 SCALE: NONE  
**M-503.00**  
 DWG NO. 55 OF 18  
 NB#121191441

Alterations or additions to this engineering document by an unlicensed person is a violation of Chapter 16, Title VIII, Article 145 § 7209.2 of the New York State Education Law.

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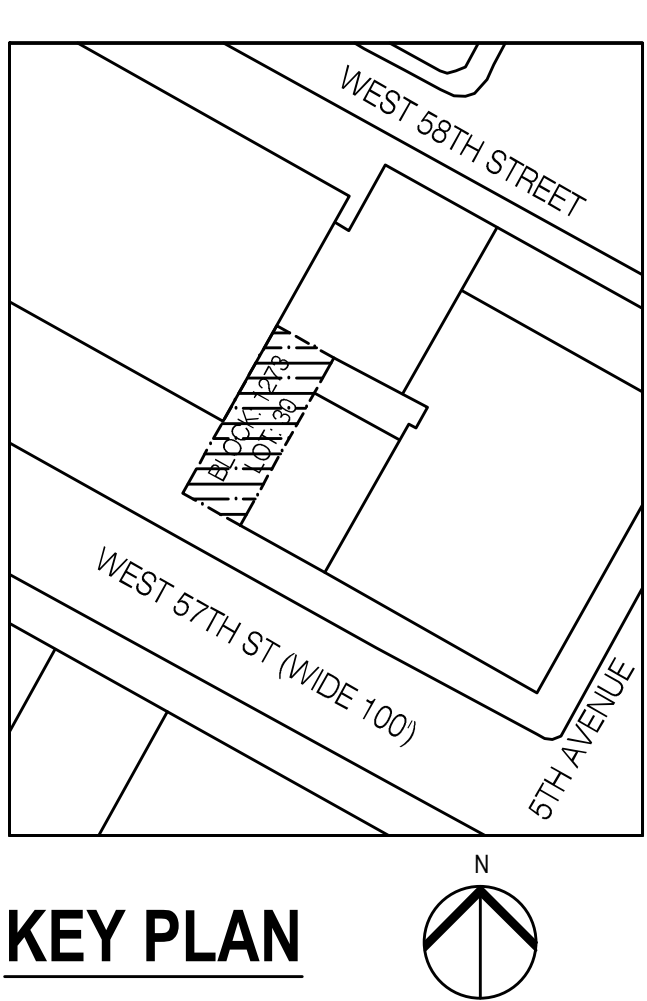
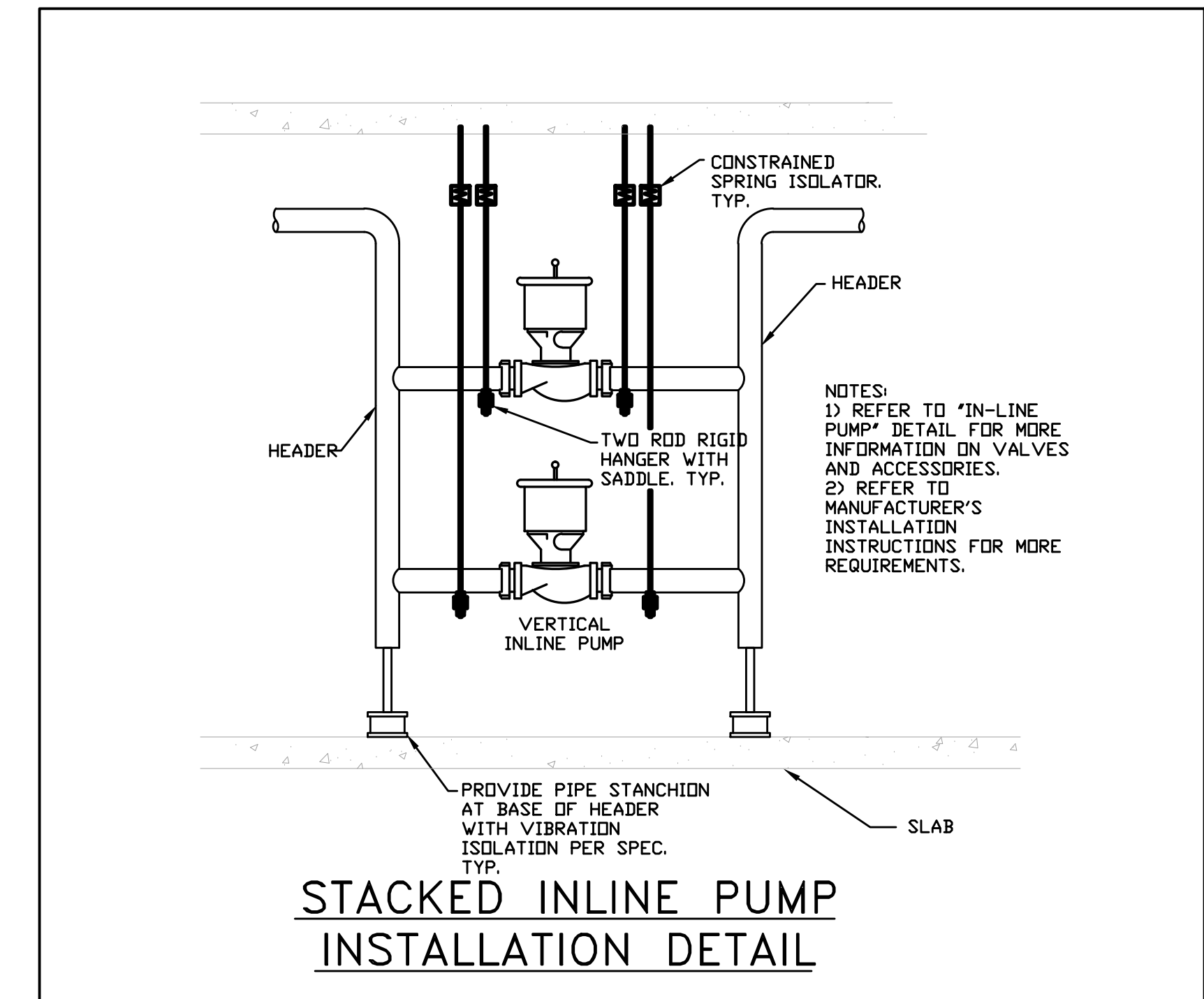
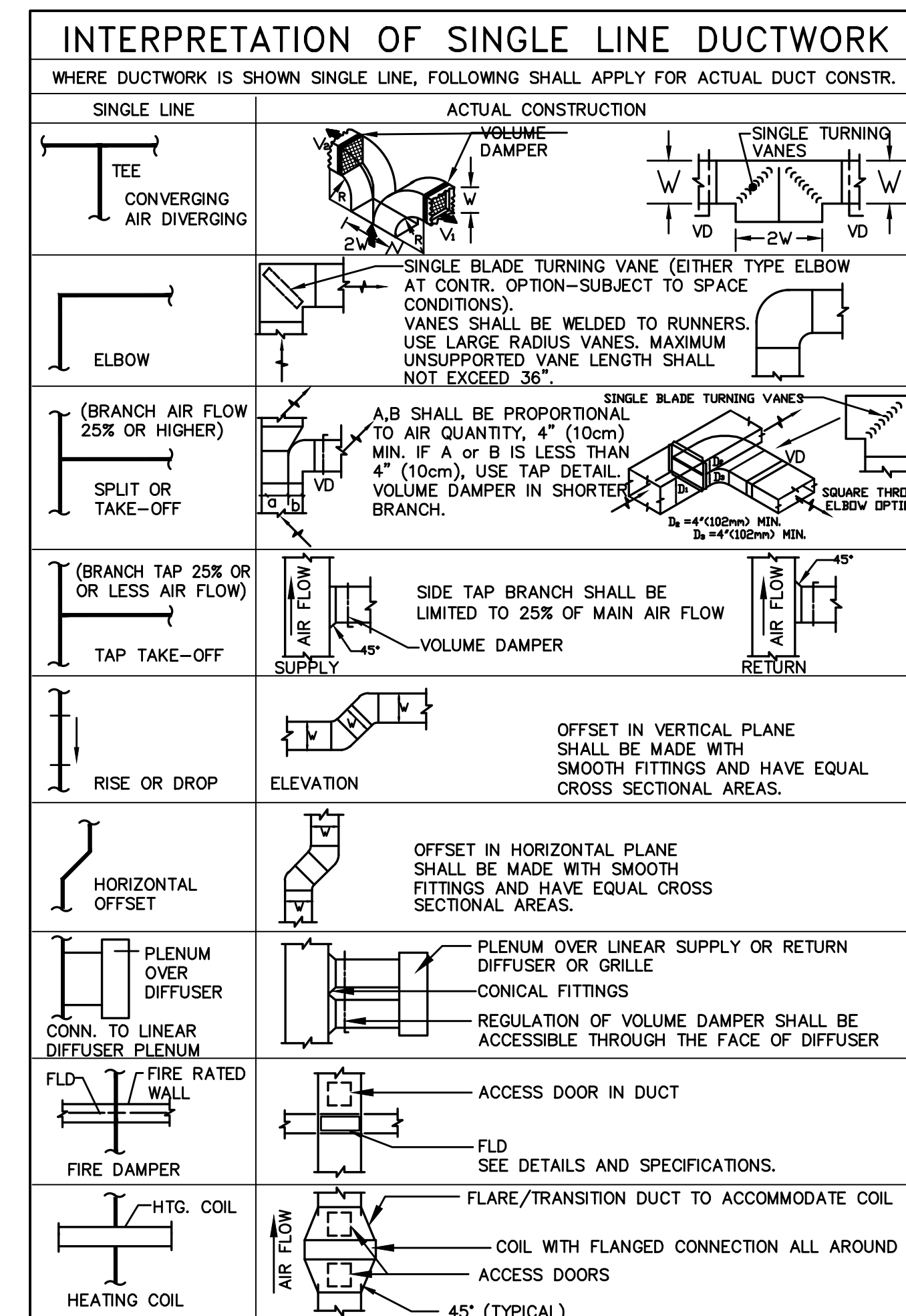
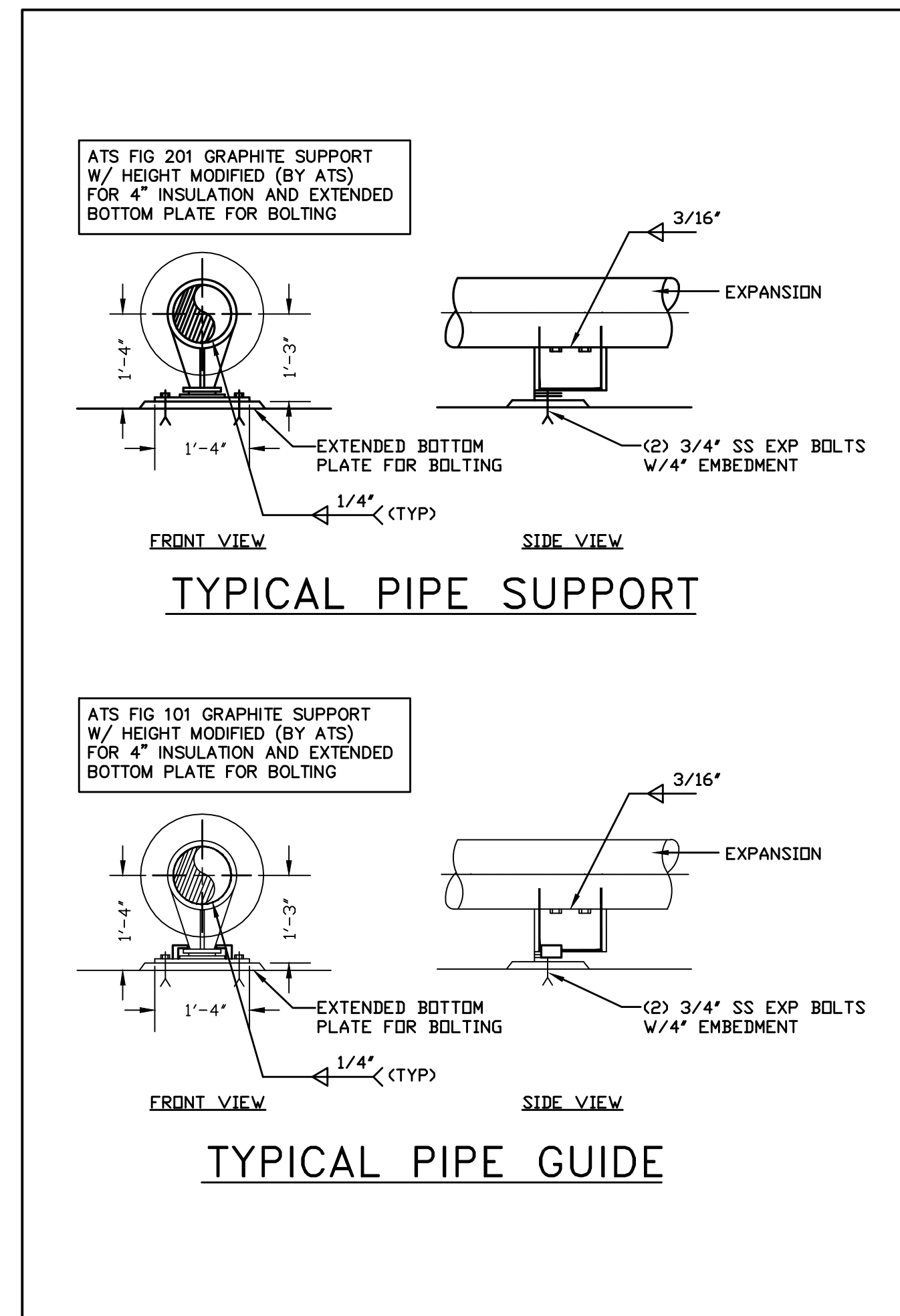
TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK.

FILE NAME: I:\1602-6 ME...M-502...N 7/7/2017 00:07 M LITTLE...IA...AN



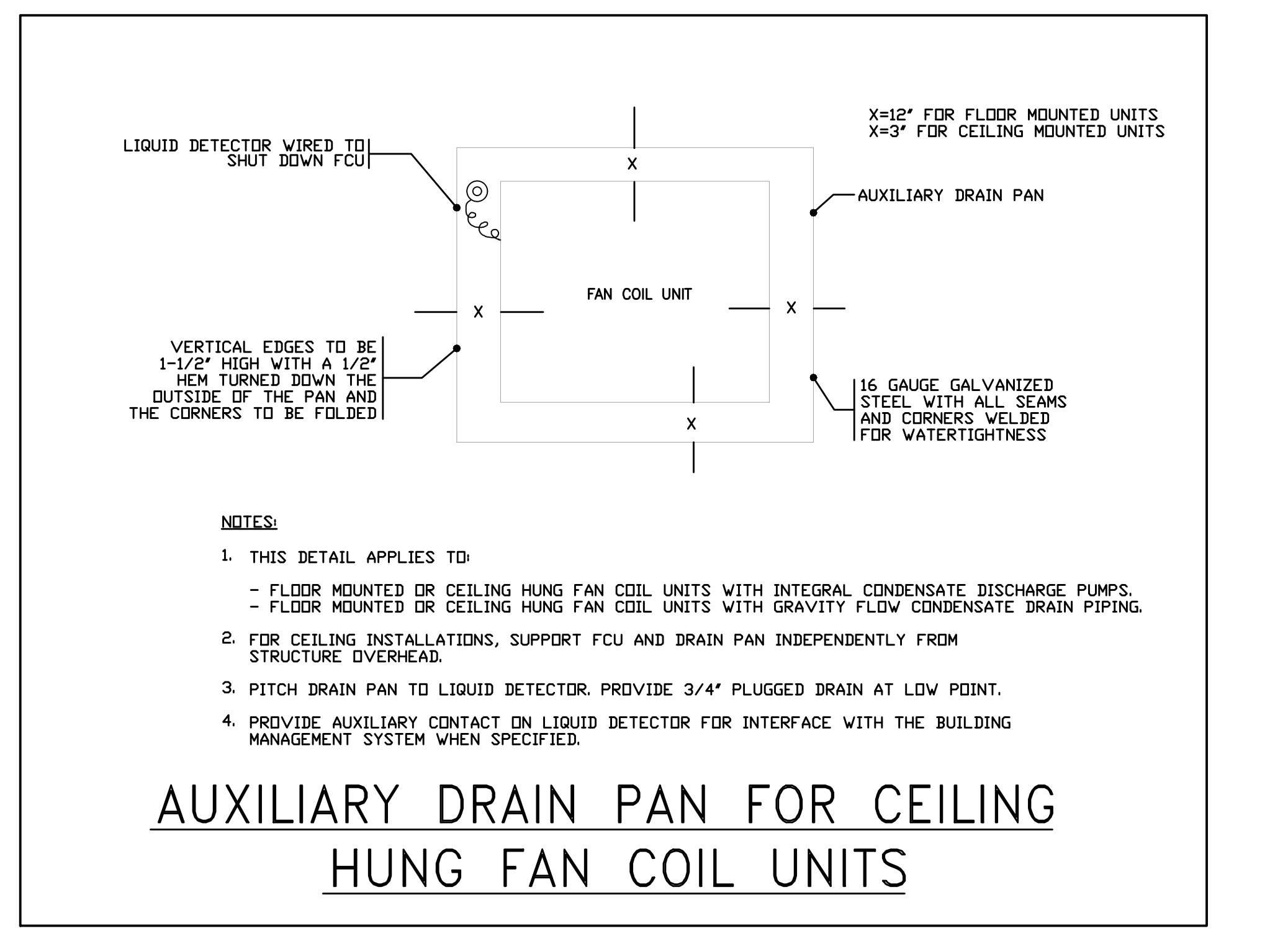
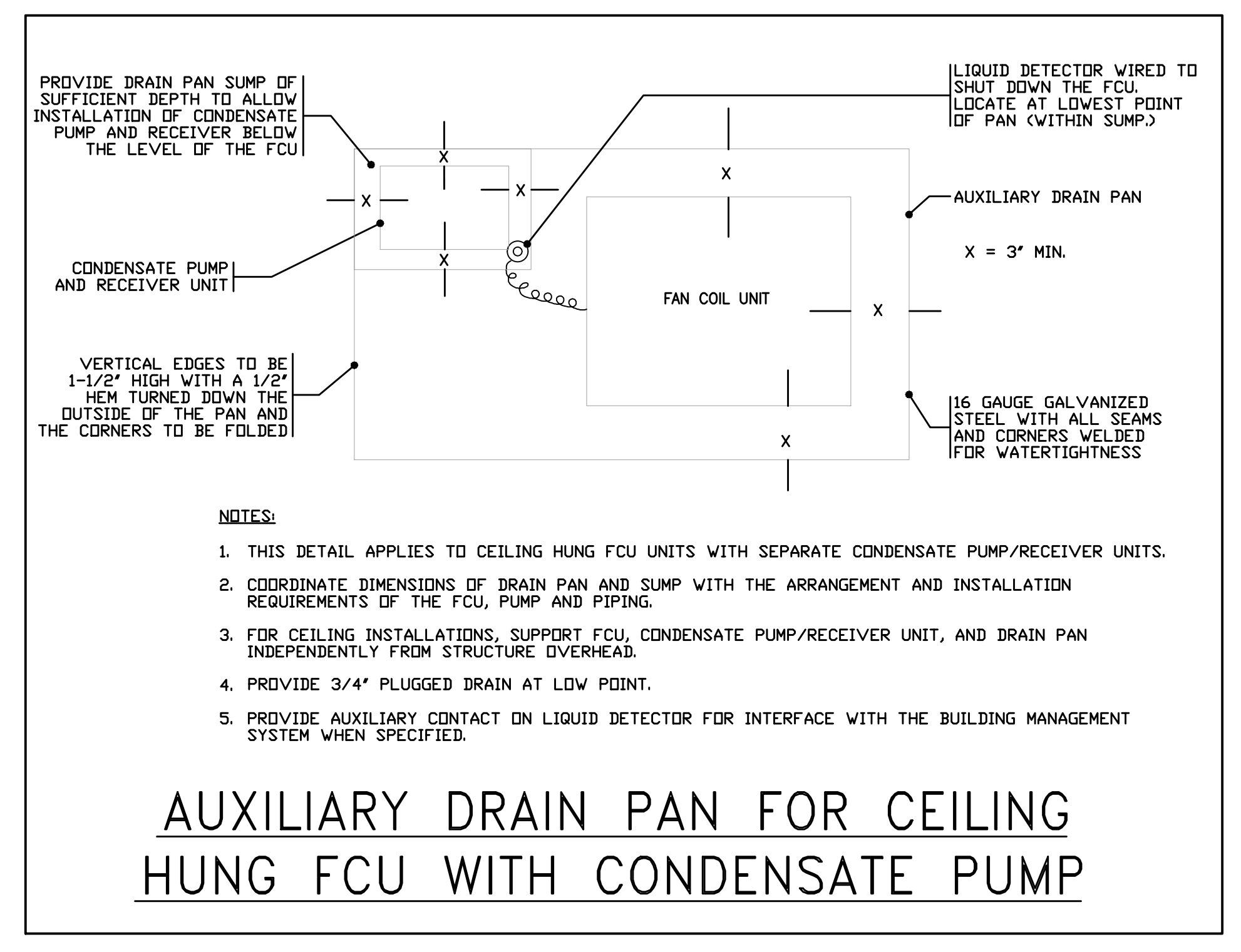
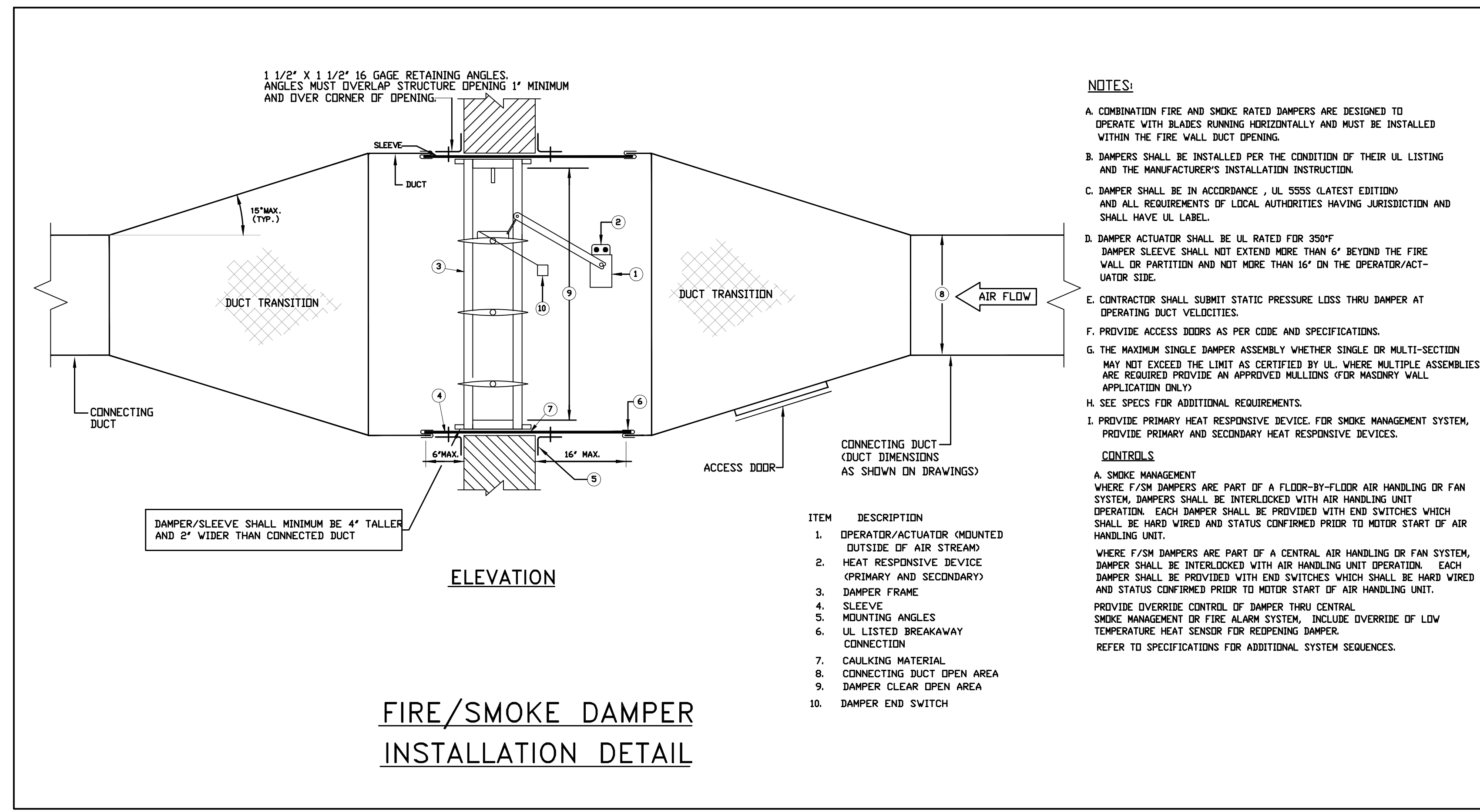
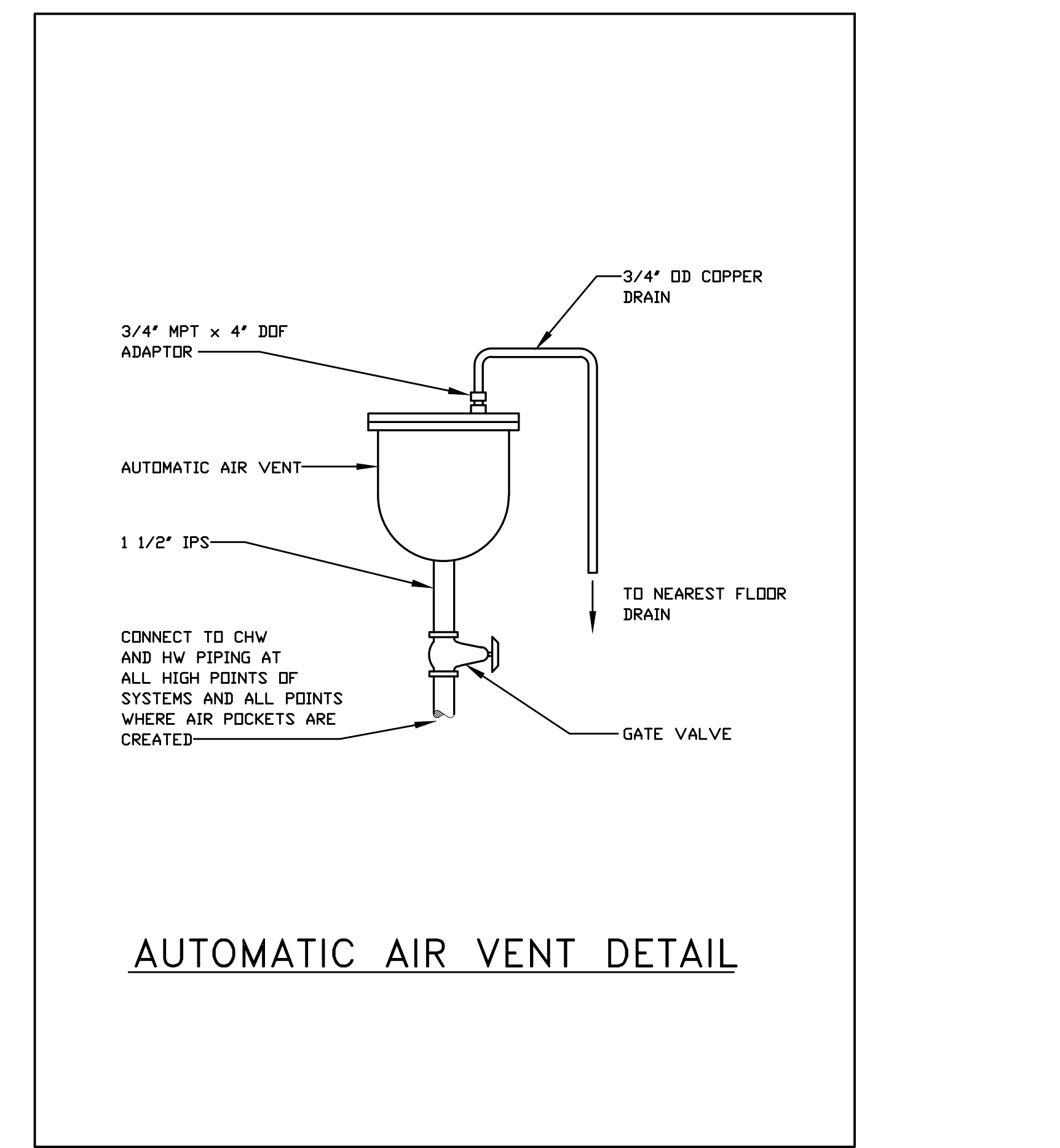
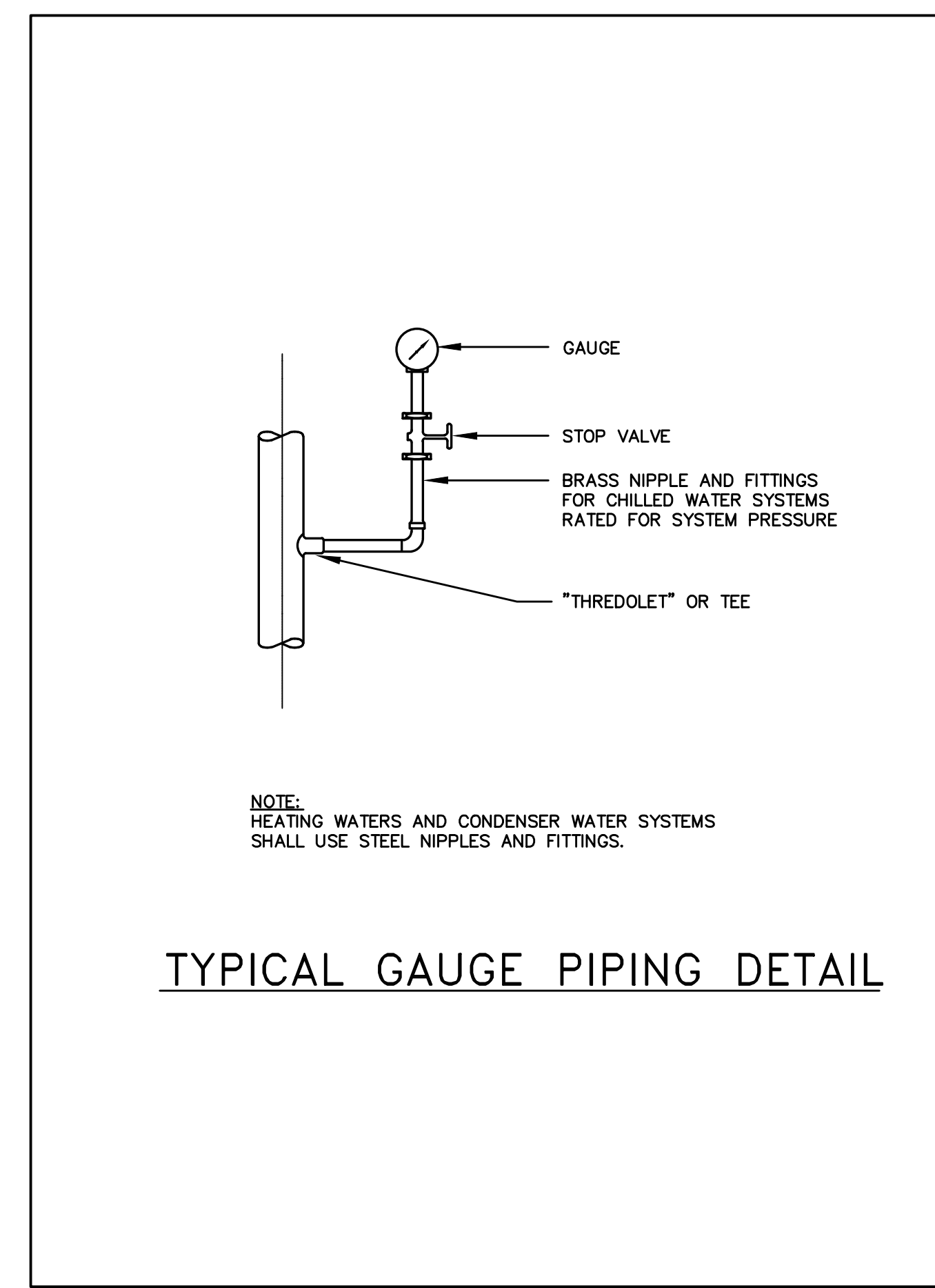
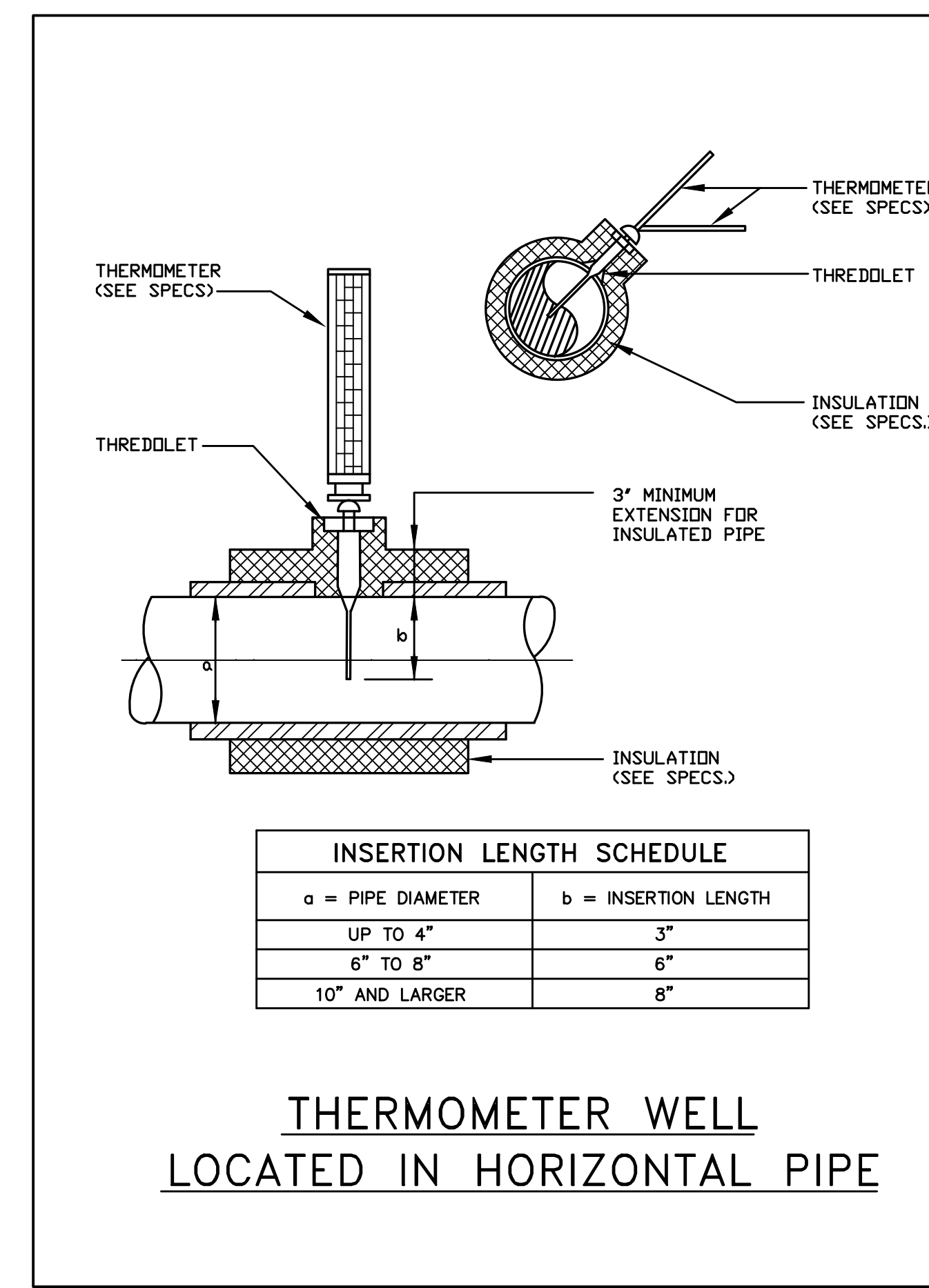
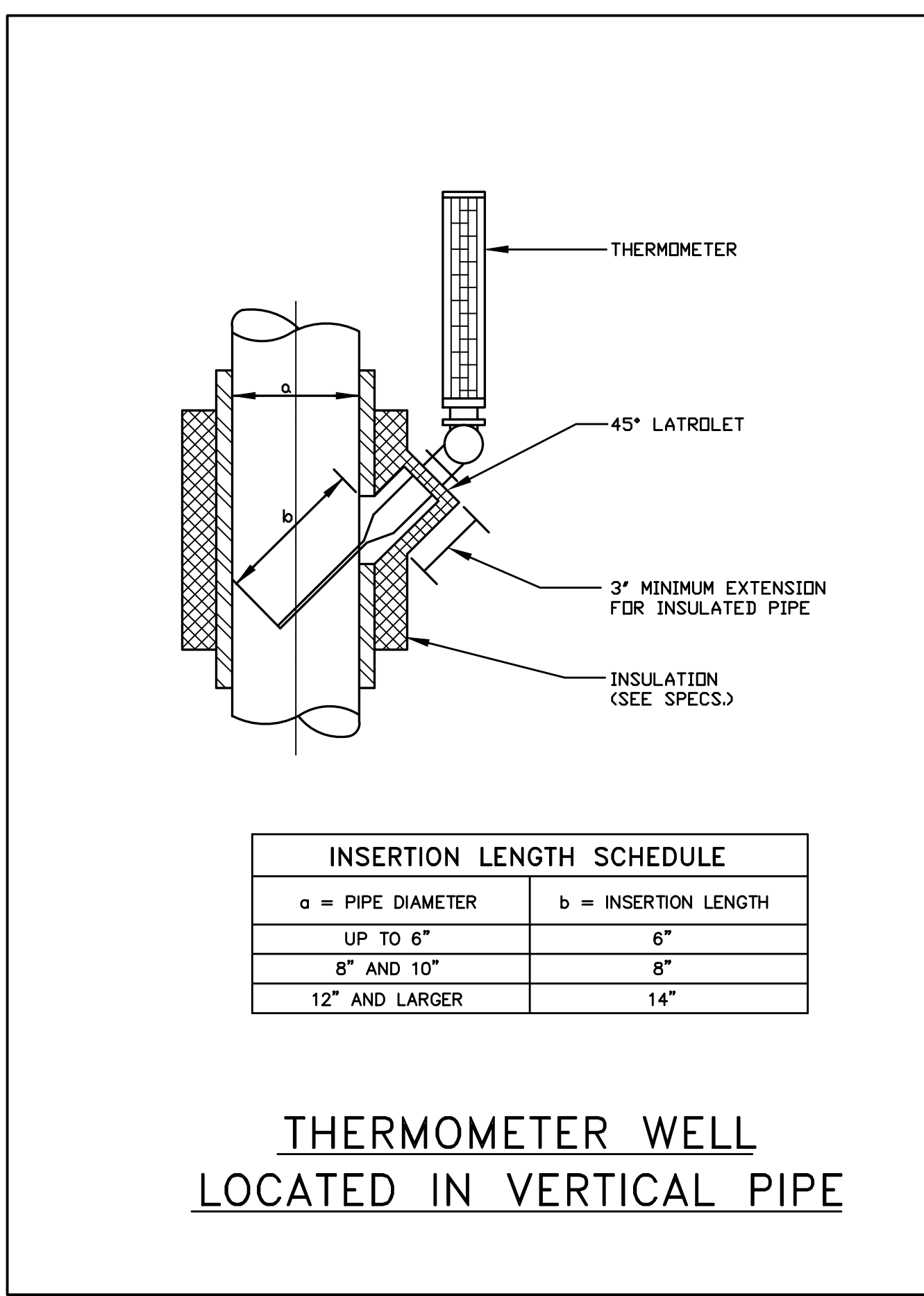
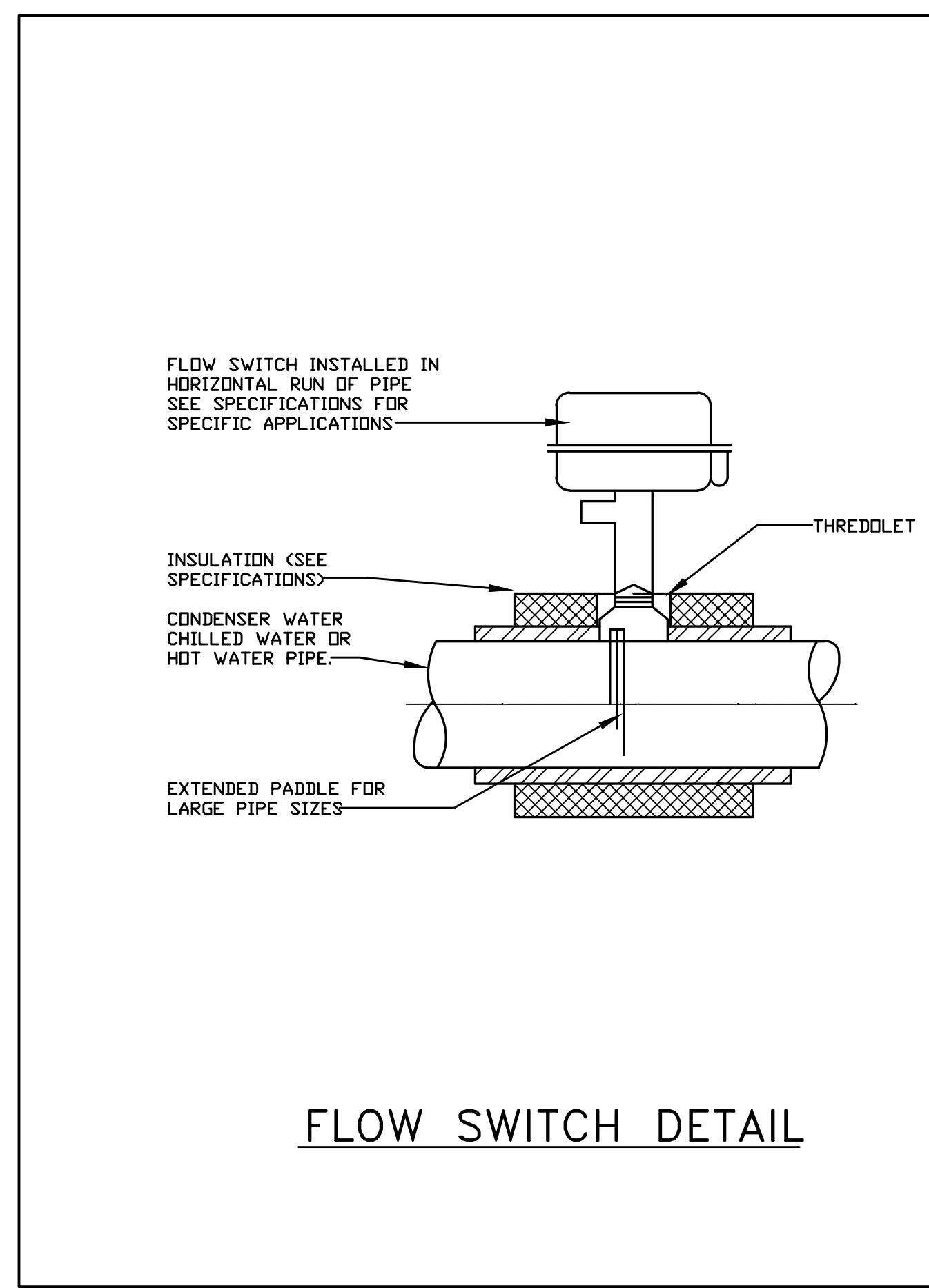
**TABLE OF GUIDE SPACINGS**

NOMINAL PIPE SIZE (N)	EXPANSION JOINT TO FIRST GUIDE	FIRST TO SECOND GUIDE	MAXIMUM DISTANCE BETWEEN INTERMEDIATE GUIDES (FT) FOR PRESSURES (PSIG) SHOWN BELOW							
			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			



**NOTES:**

- REFER TO "IN-LINE PUMP" DETAIL FOR MORE INFORMATION ON VALVES AND ACCESSORIES.
- REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR MORE REQUIREMENTS.



9 07/03/2017 ISSUED PER ENERGY COMMENTS

8 05/26/2017 100% CD SUBMISSION

7 04/19/2017 90% CD SUBMISSION

6 03/17/2017 80% CD SUBMISSION

5 03/03/2017 DDB SUBMISSION

4 02/17/2017 ISSUED AS PER ENERGY COMMENTS

3 02/17/2017 60% CD SUBMISSION (NOT FOR BIDDING)

2 12/22/2016 ISSUED FOR FILING

1 11/22/2016 ISSUED FOR PROGRESS

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: **HILL | WEST ARCHITECTS**  
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TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
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212-615-3600

Building Envelope Consultant: **VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DWG TITLE: **MECHANICAL DETAILS SHEET #1**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT #: 1602-6

SCALE: NONE

**M-601.00**

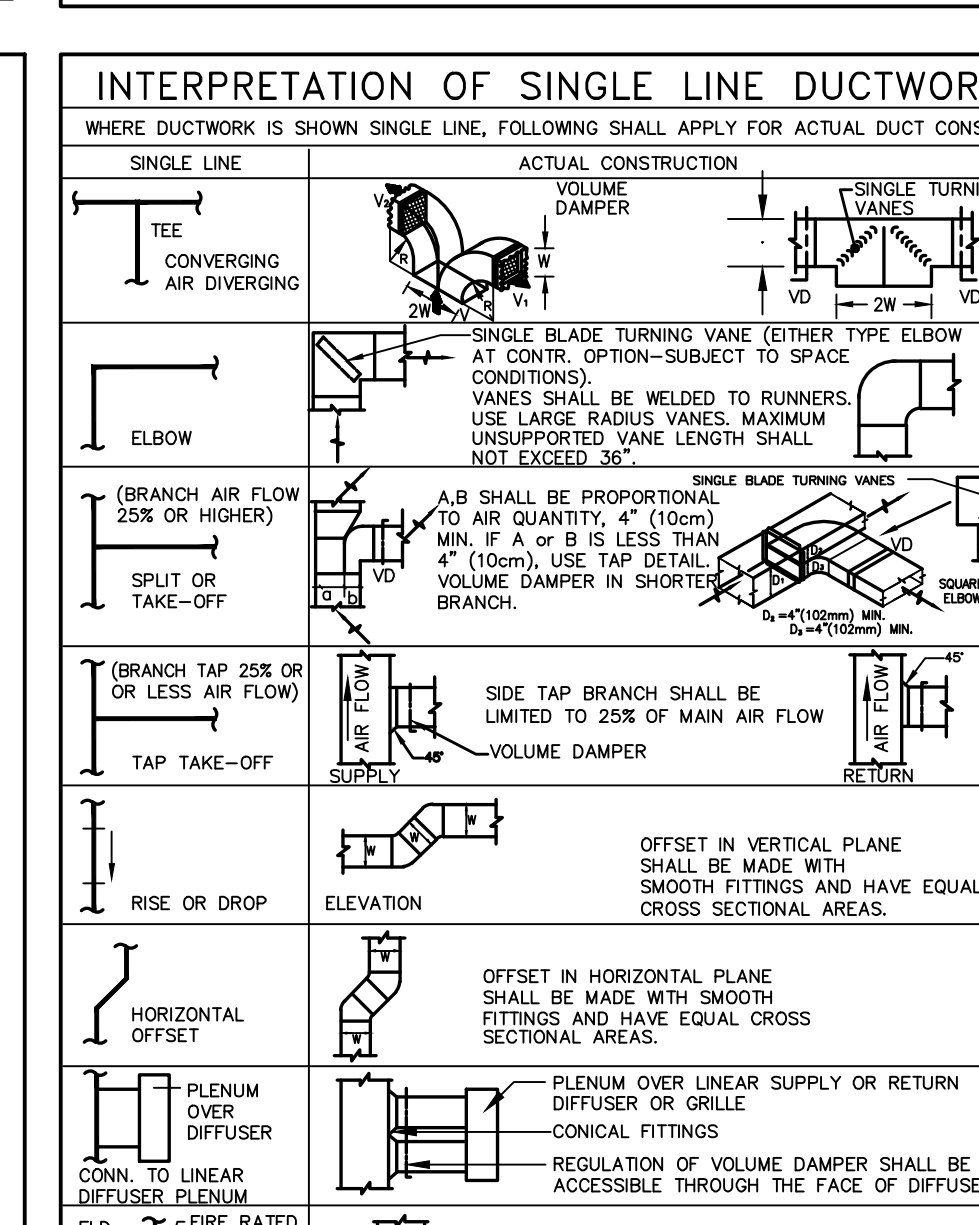
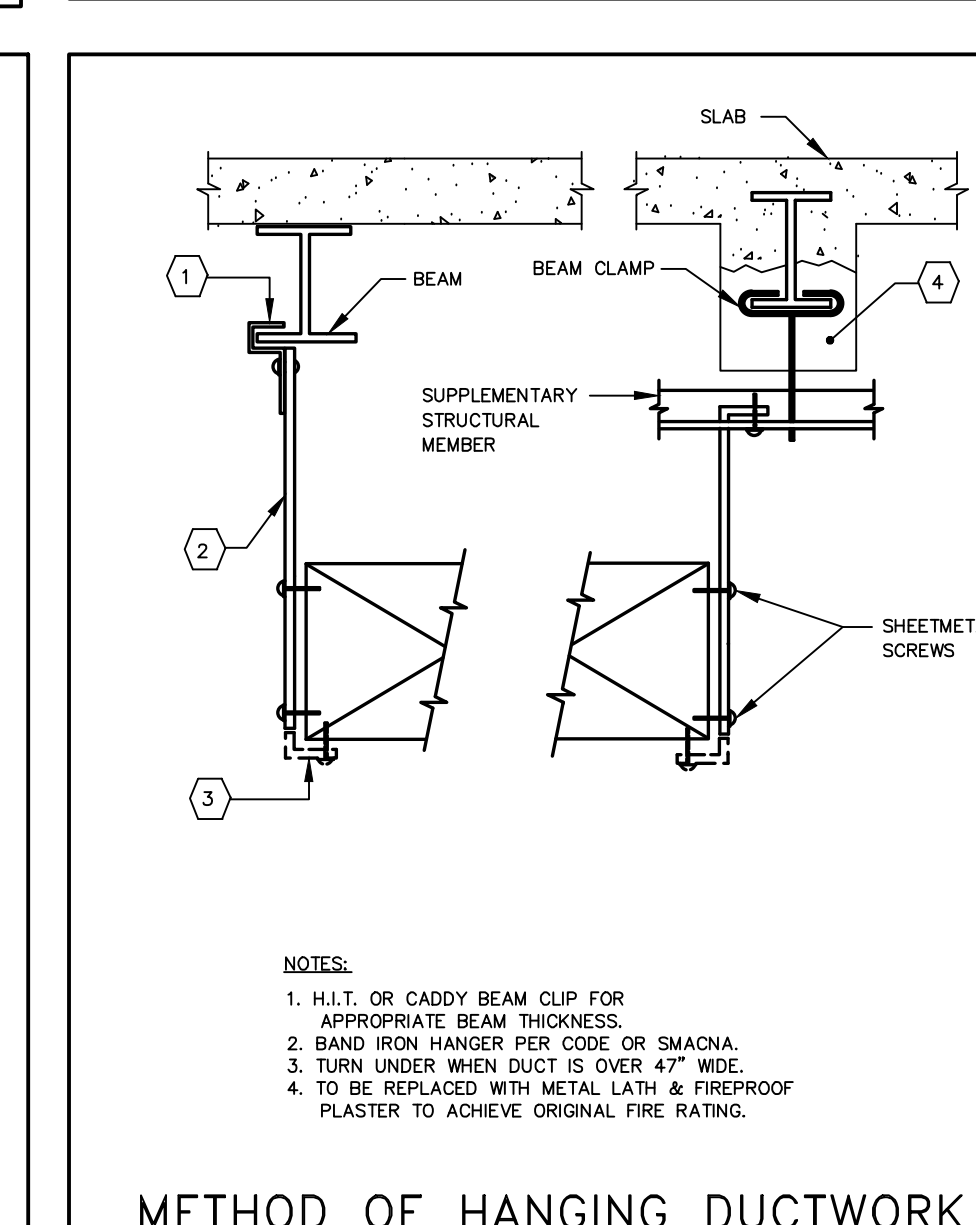
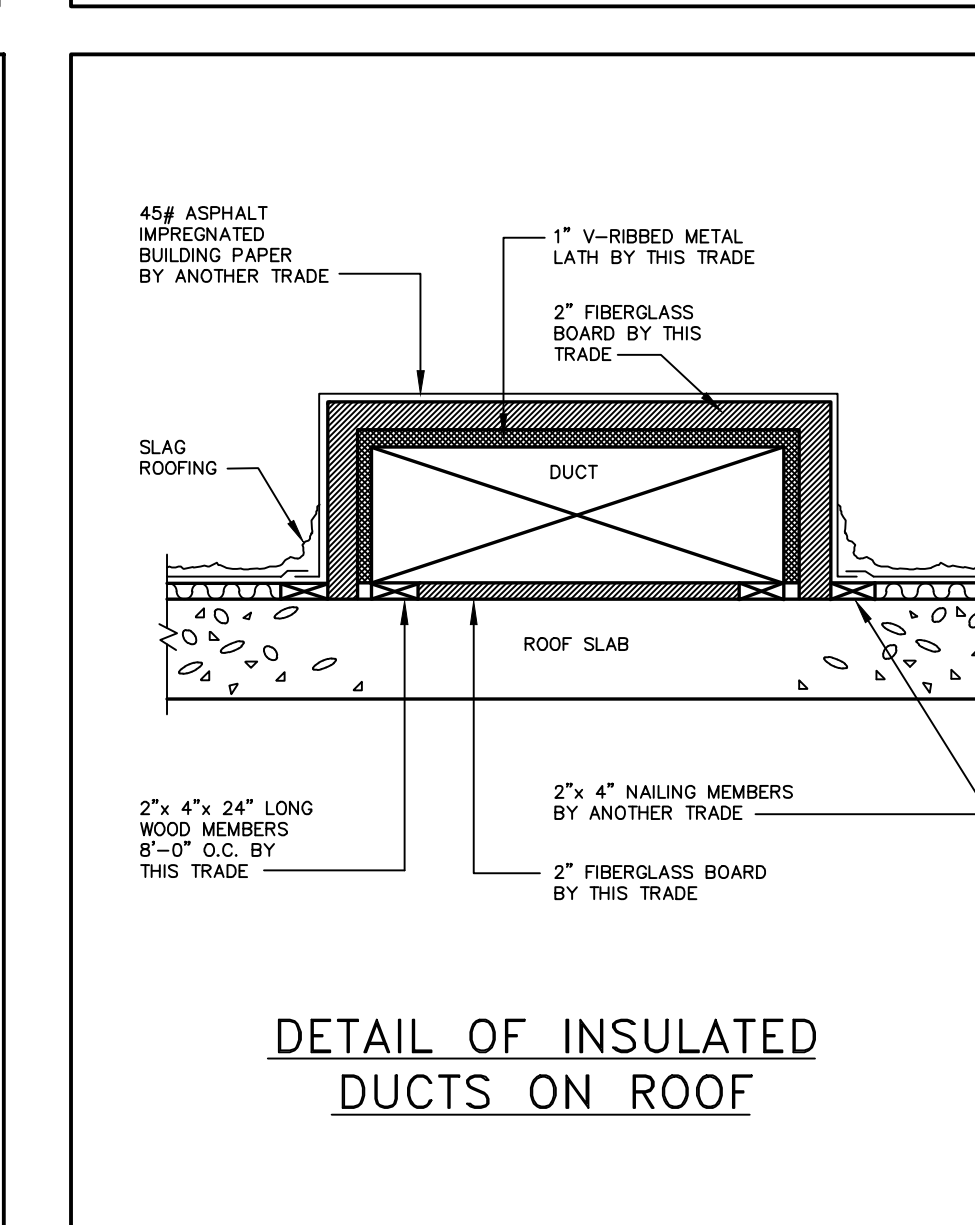
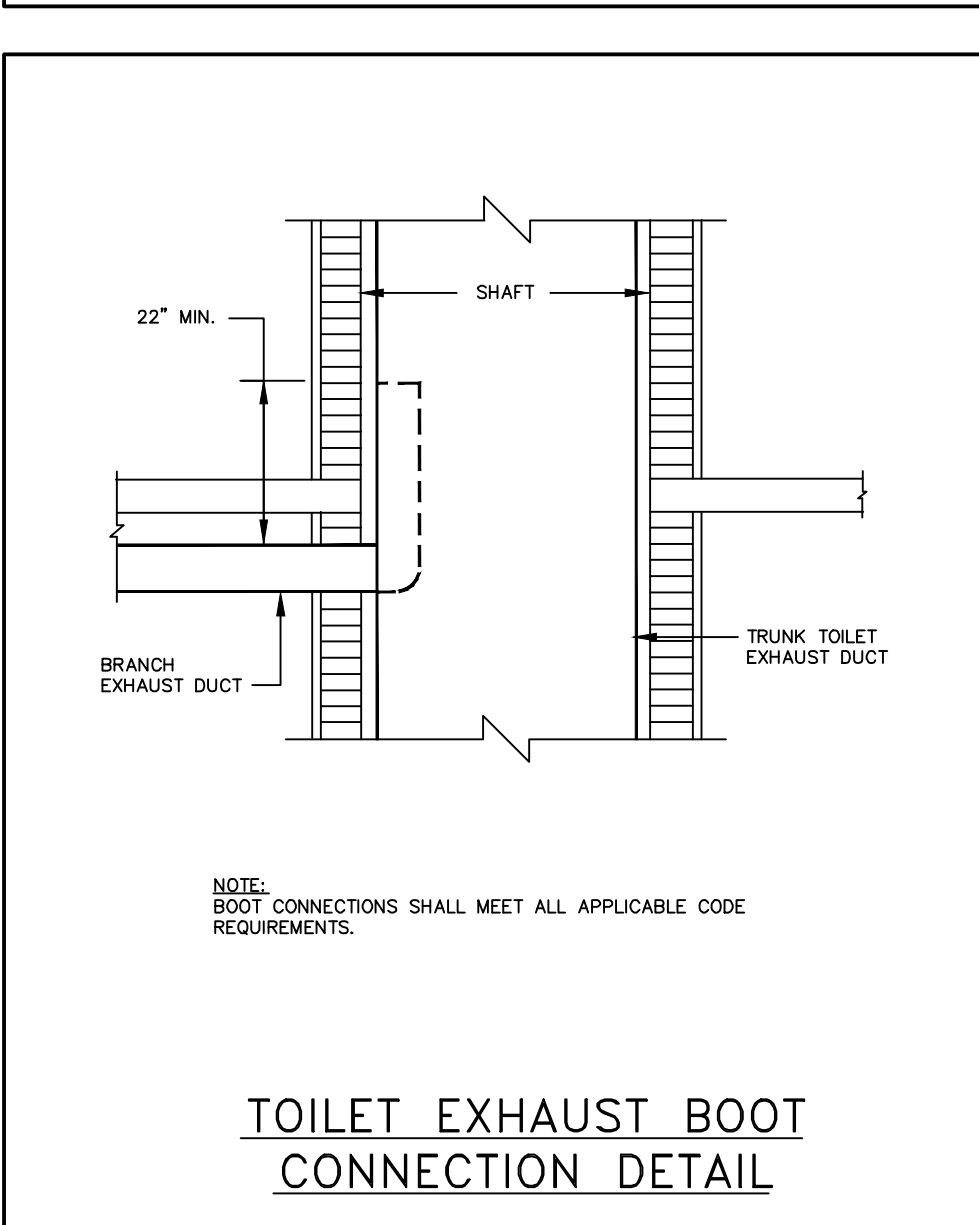
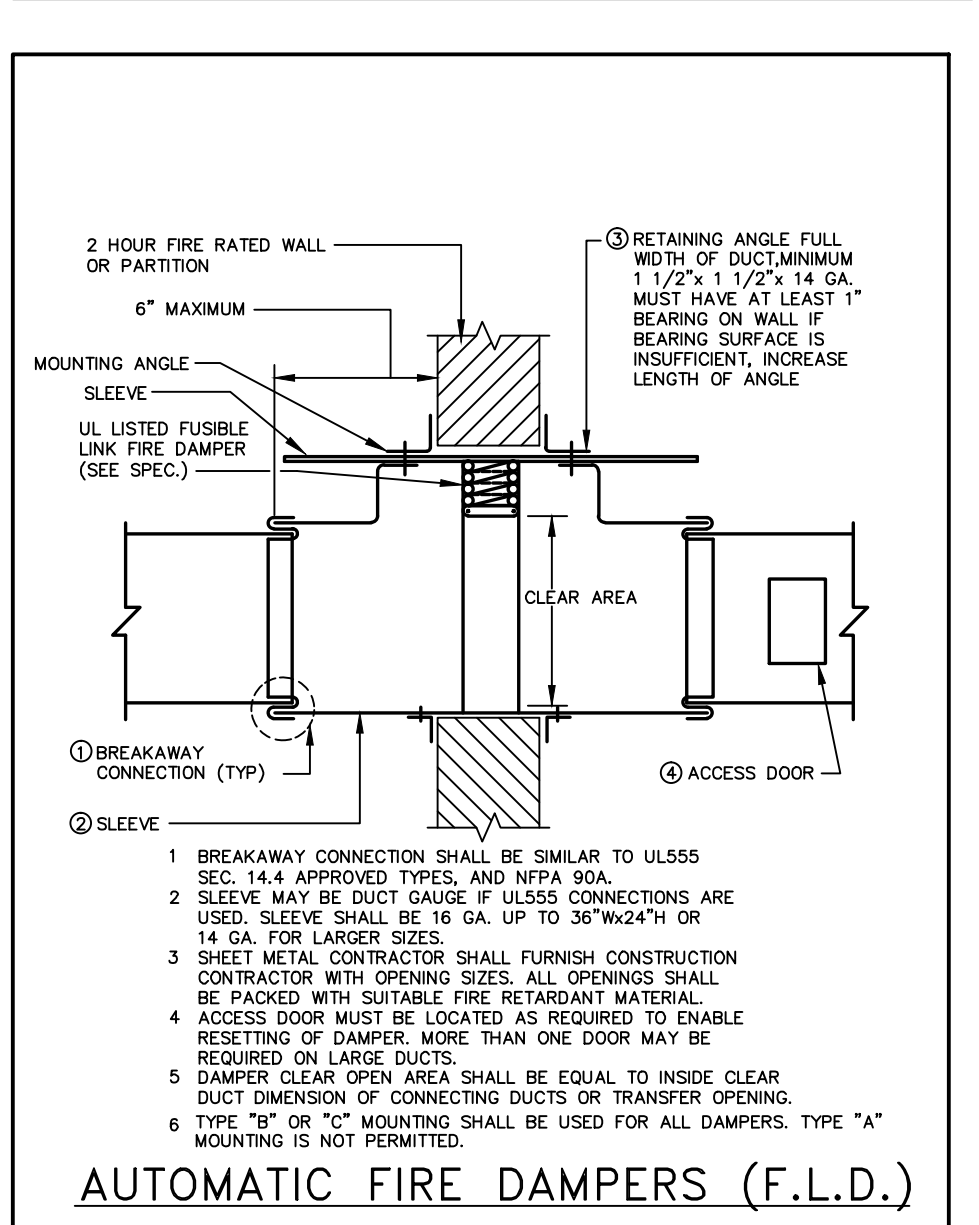
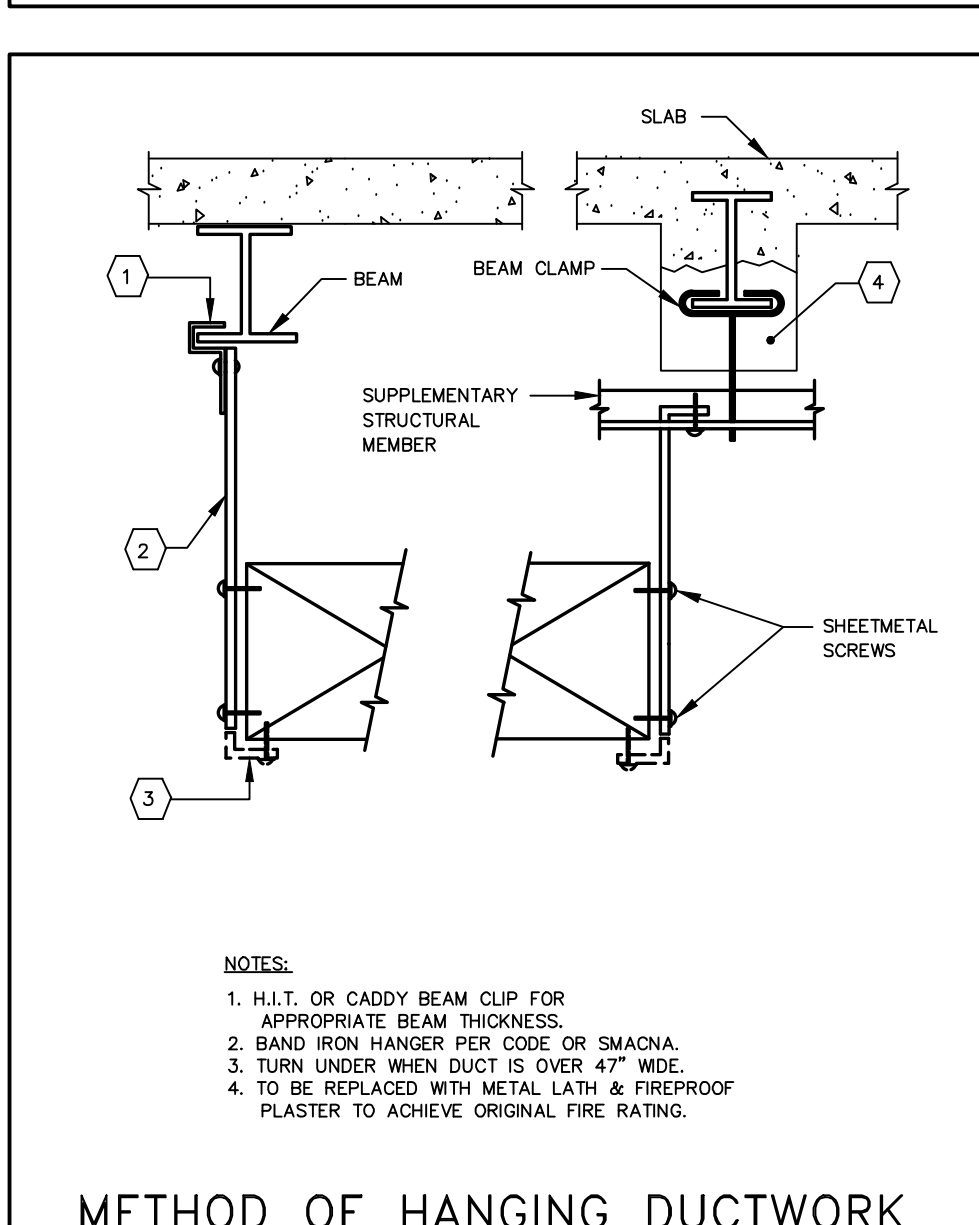
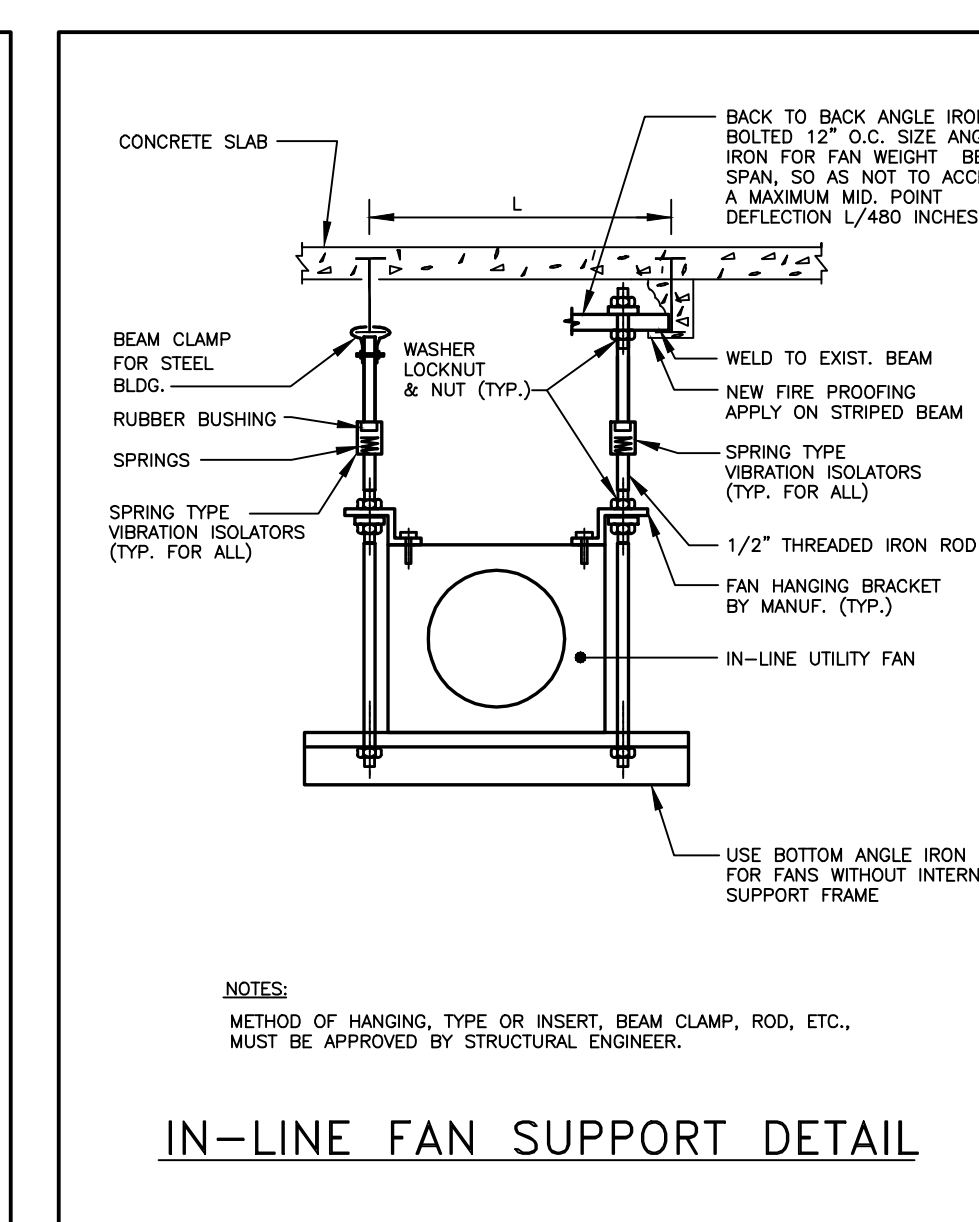
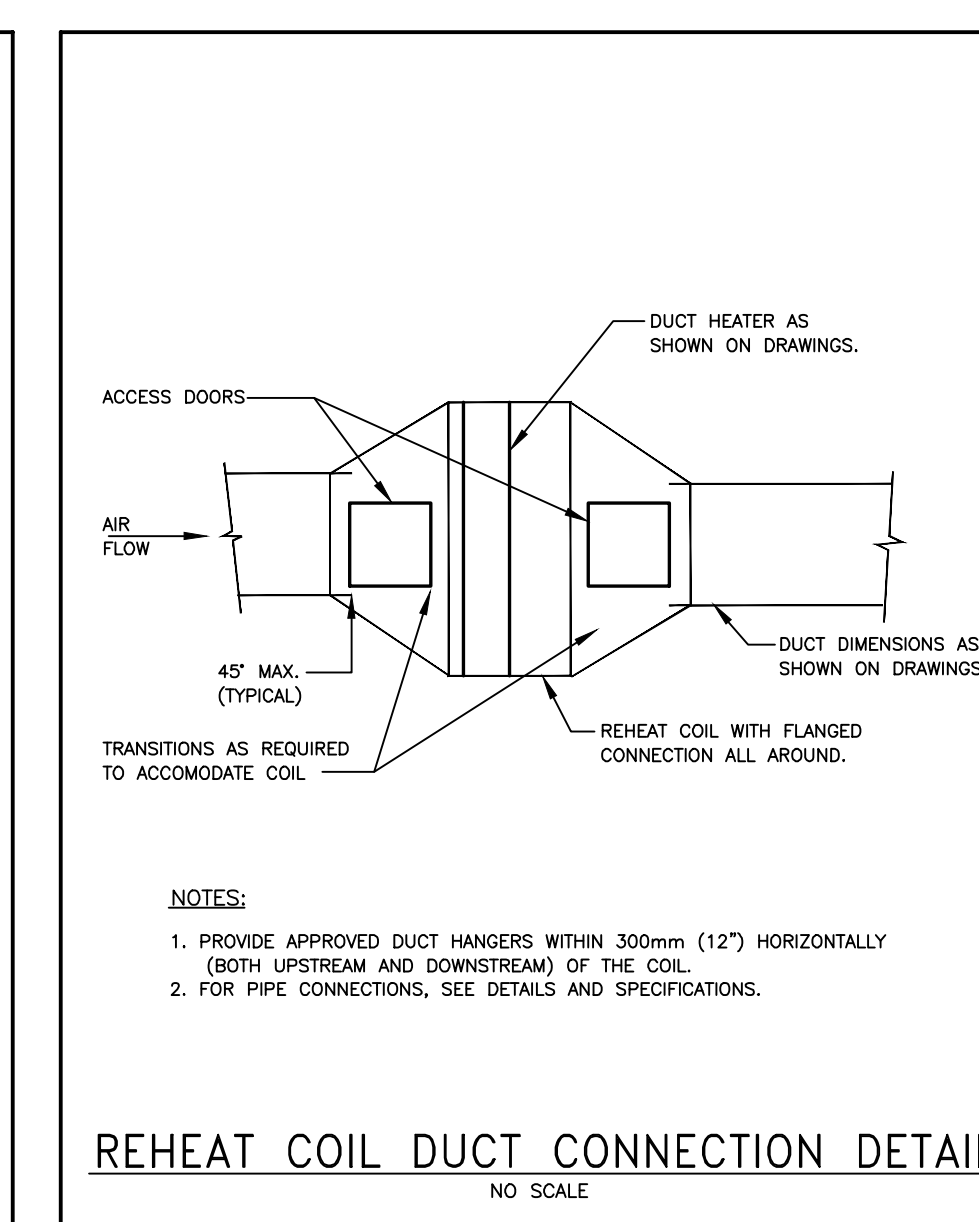
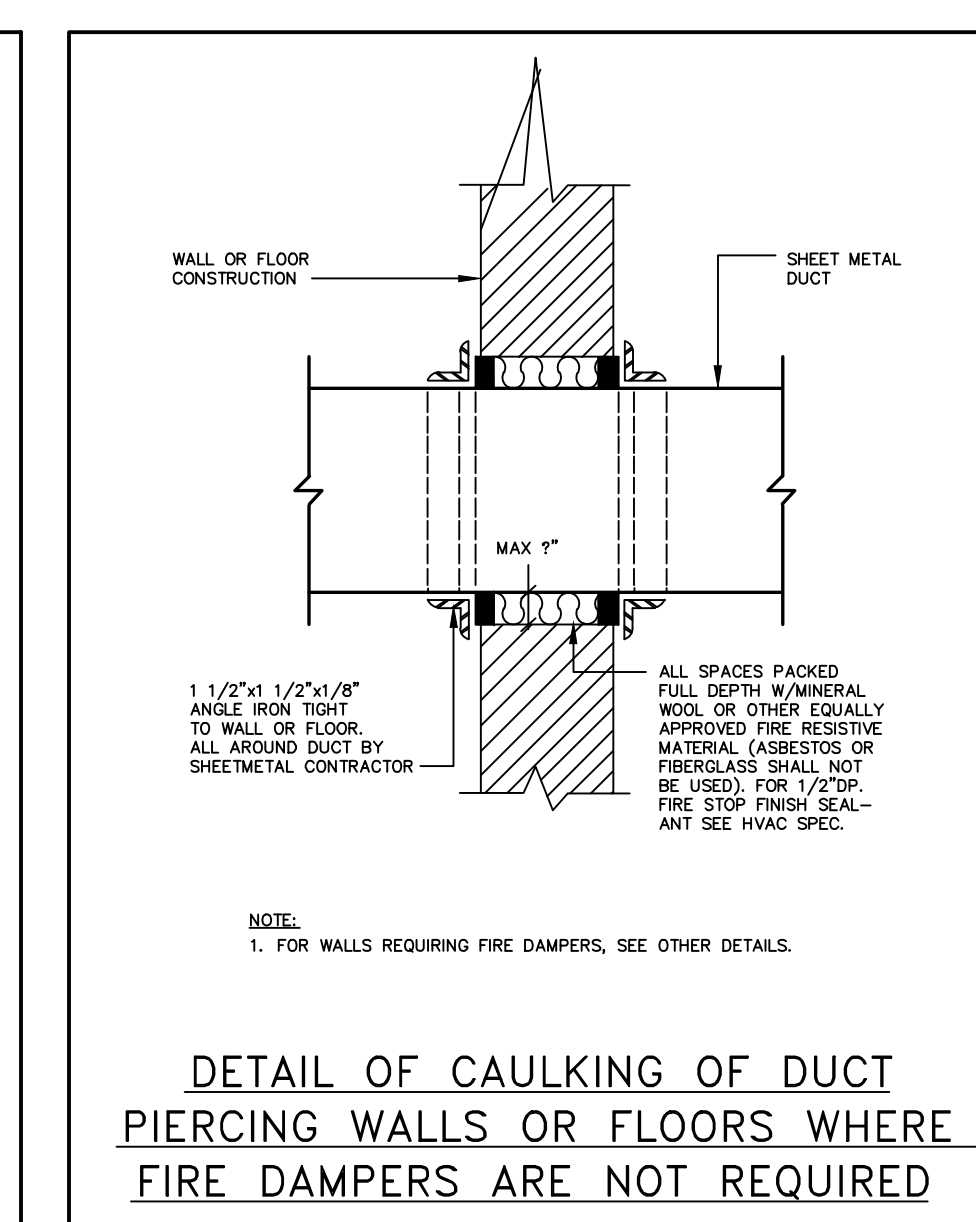
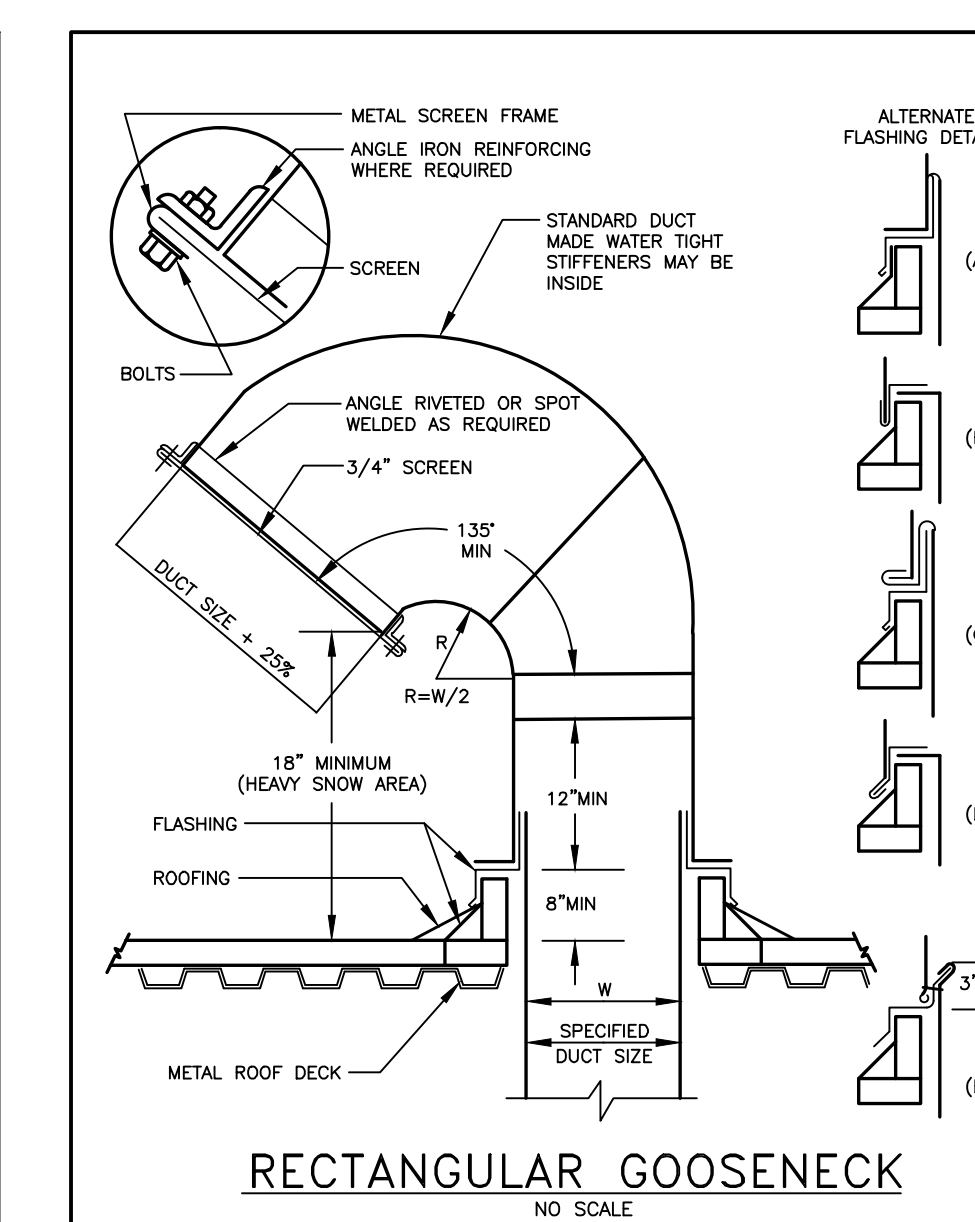
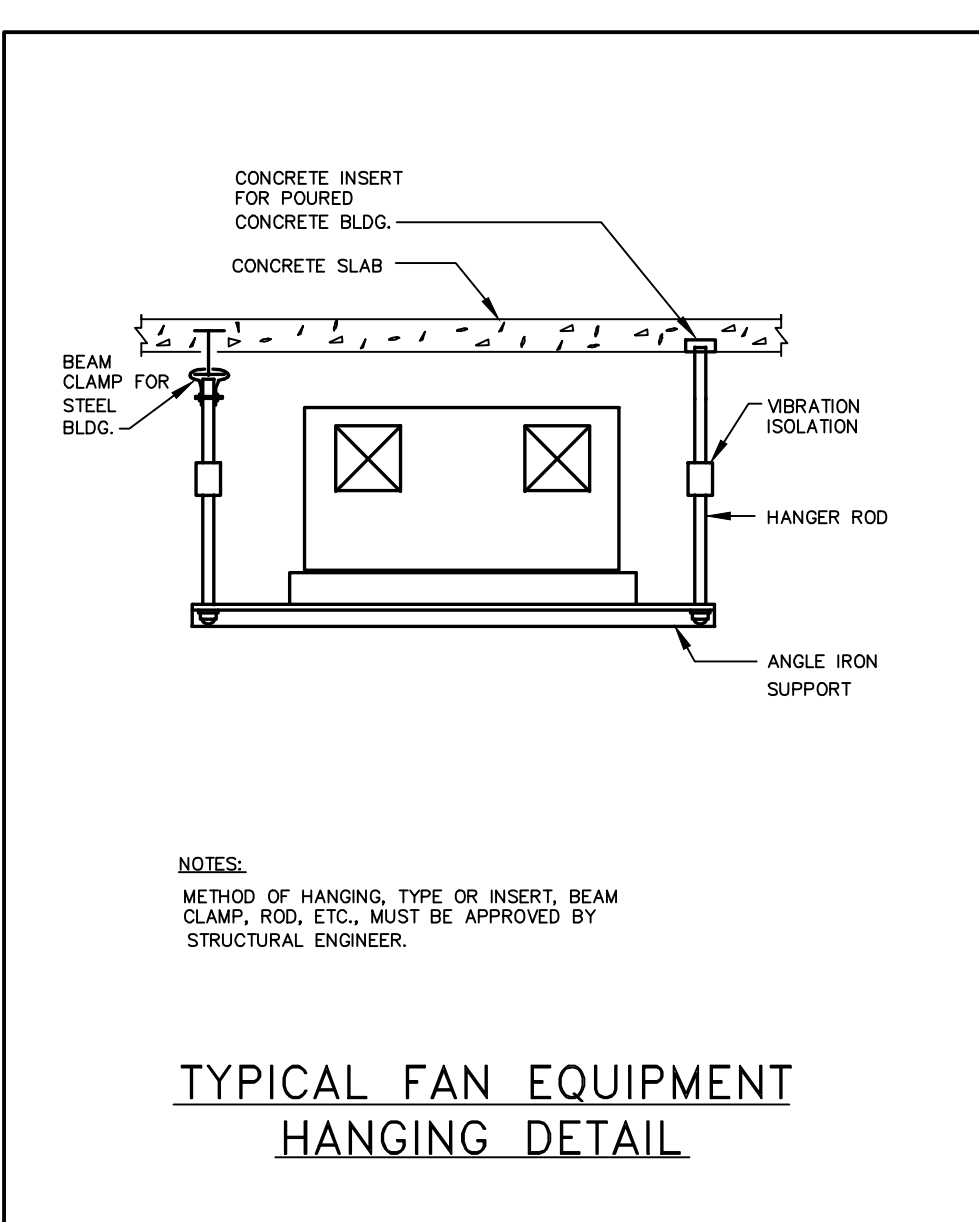
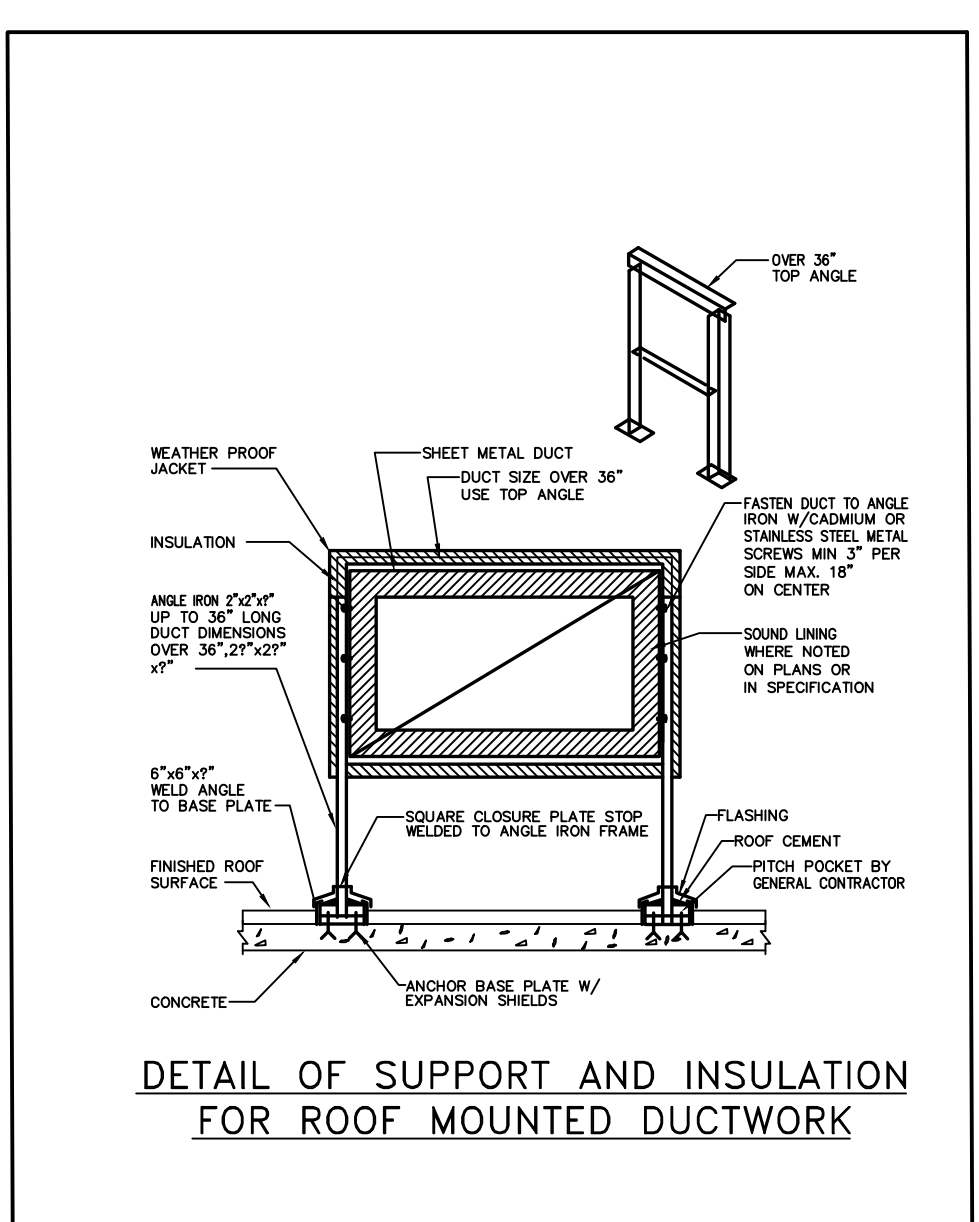
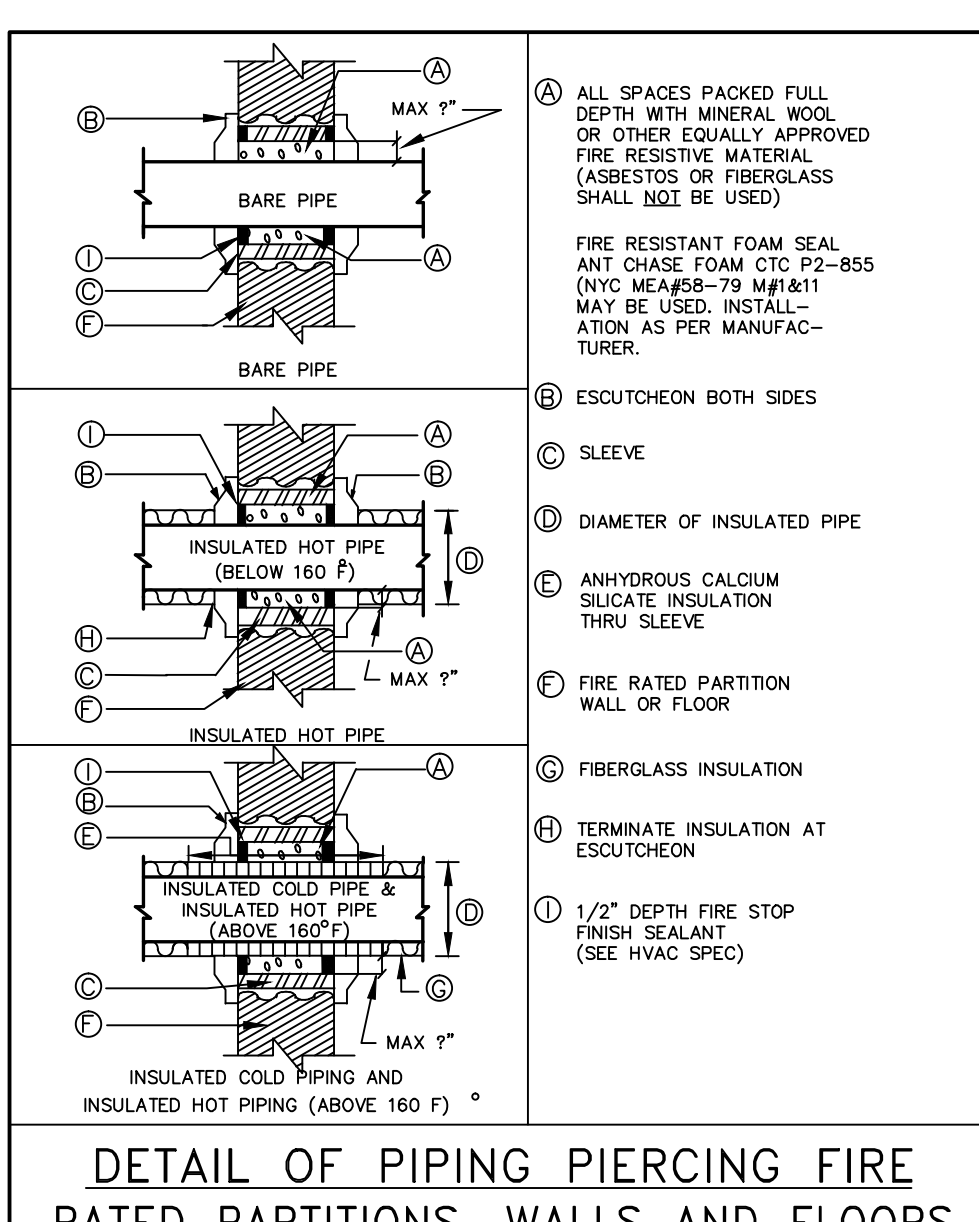
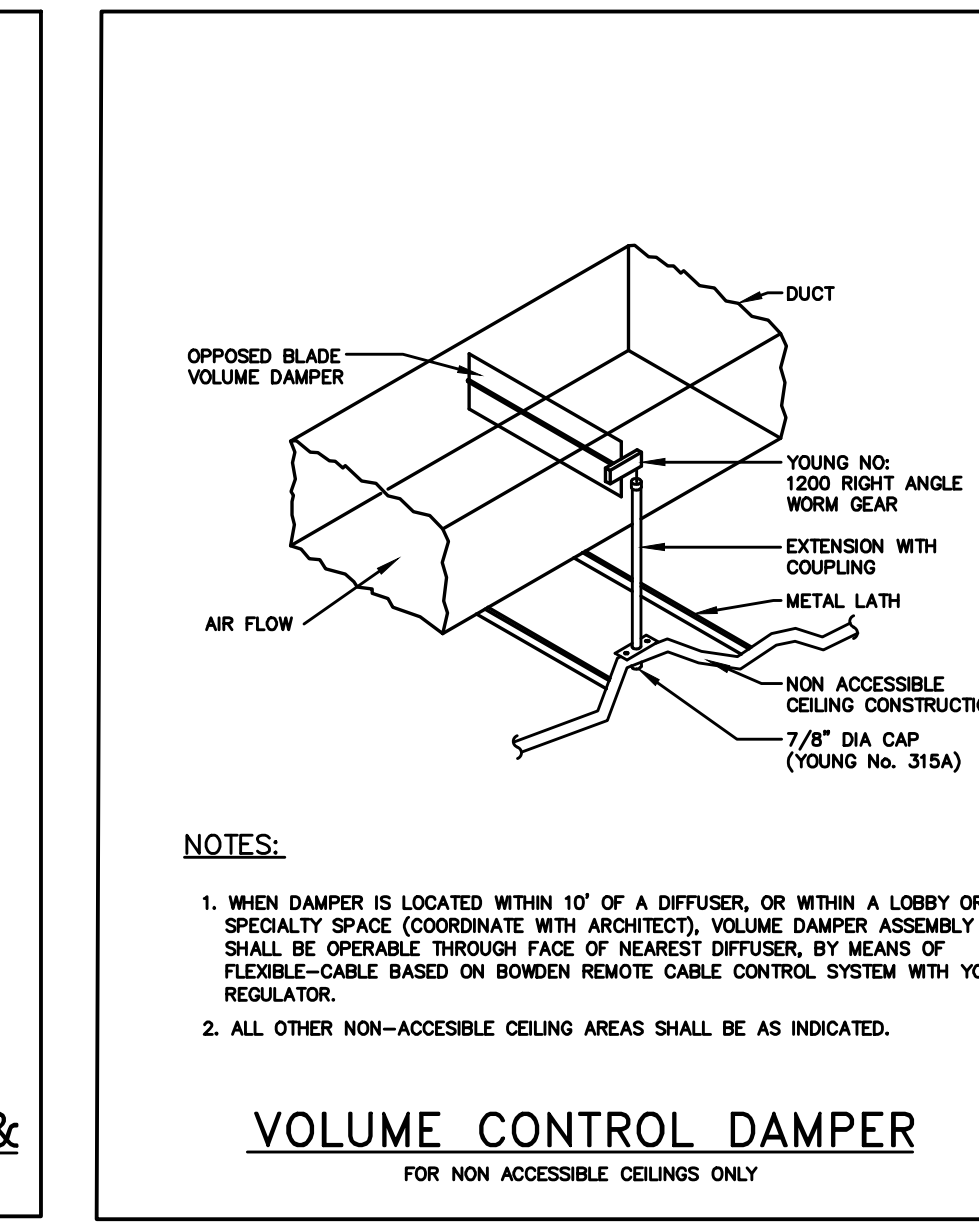
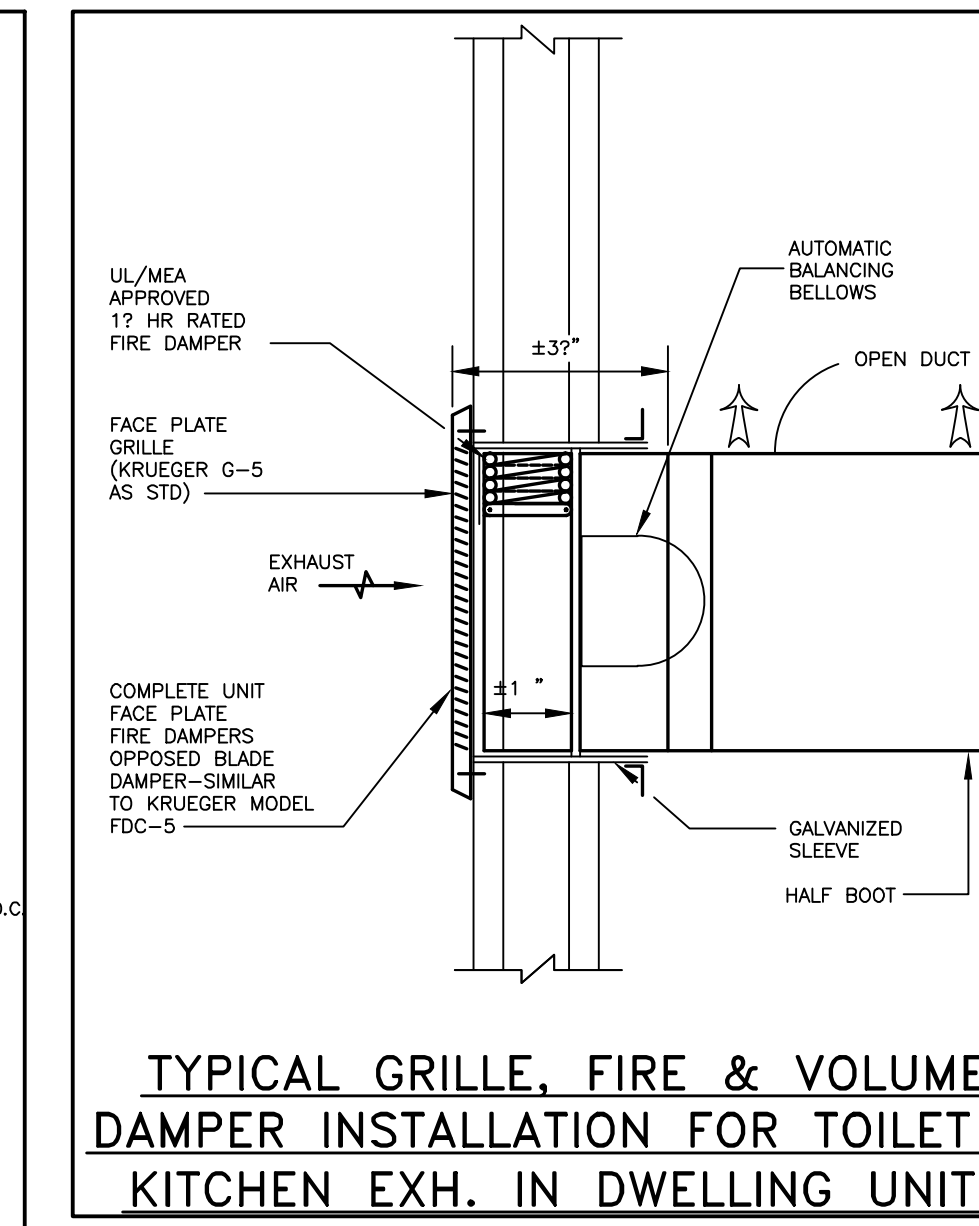
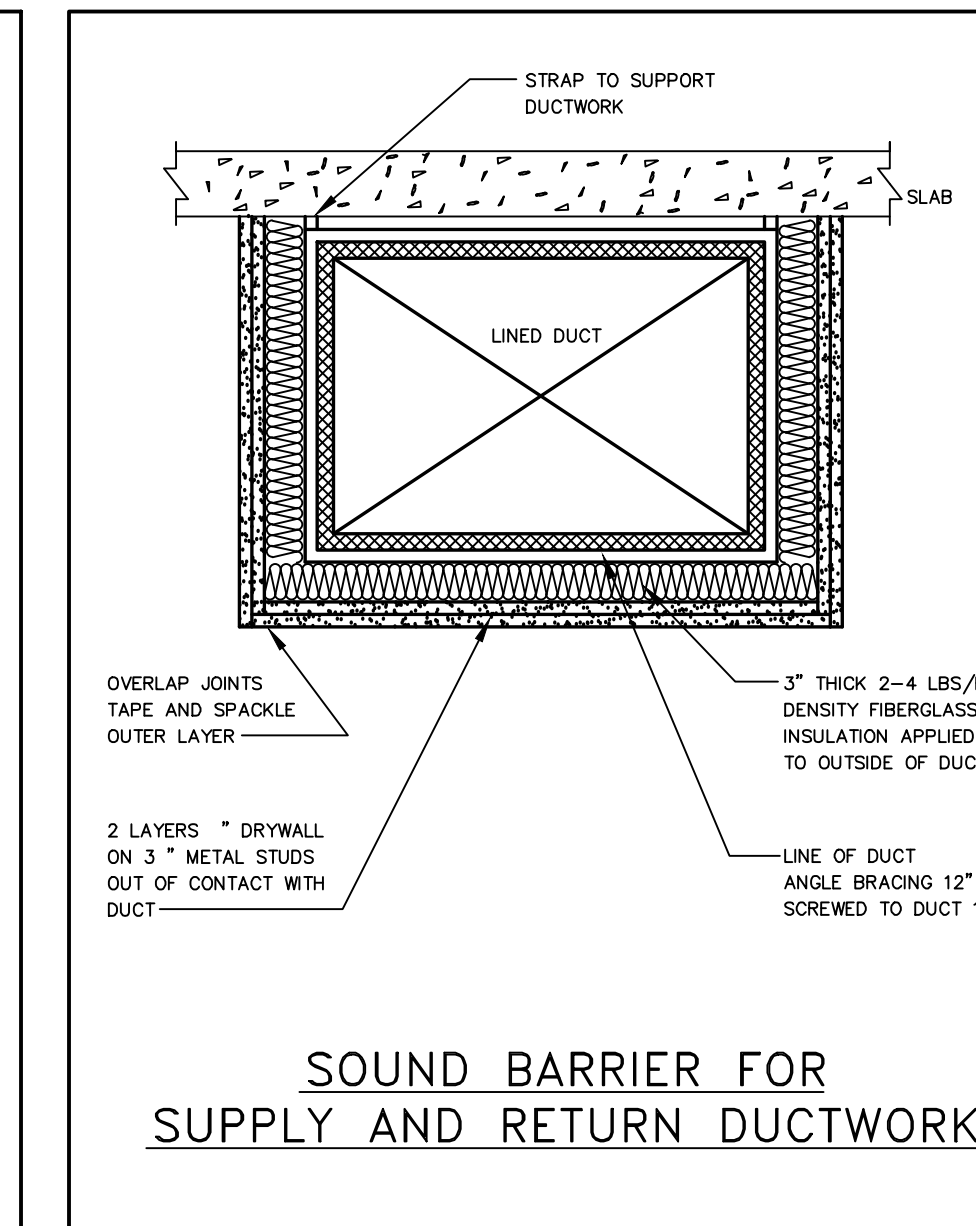
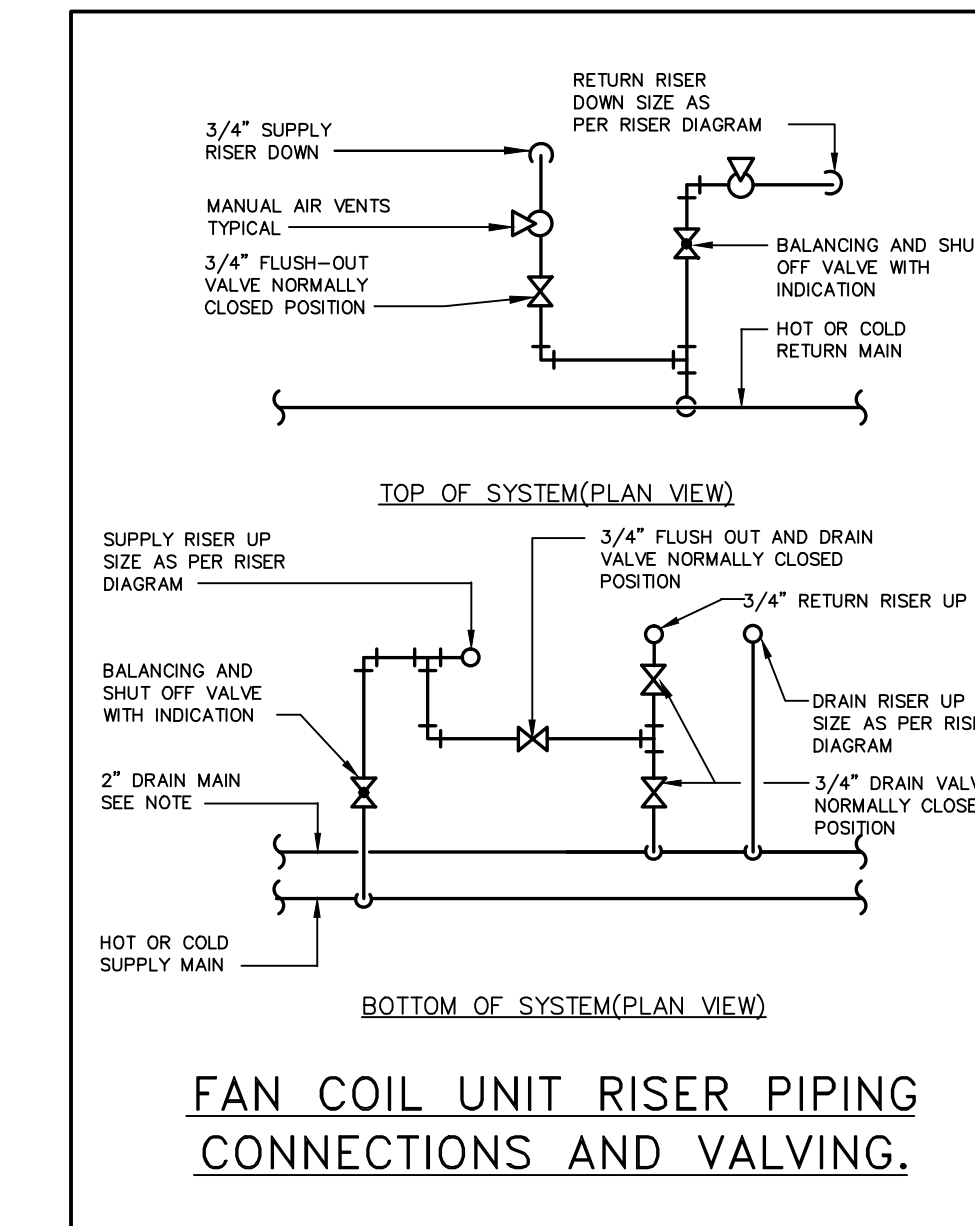
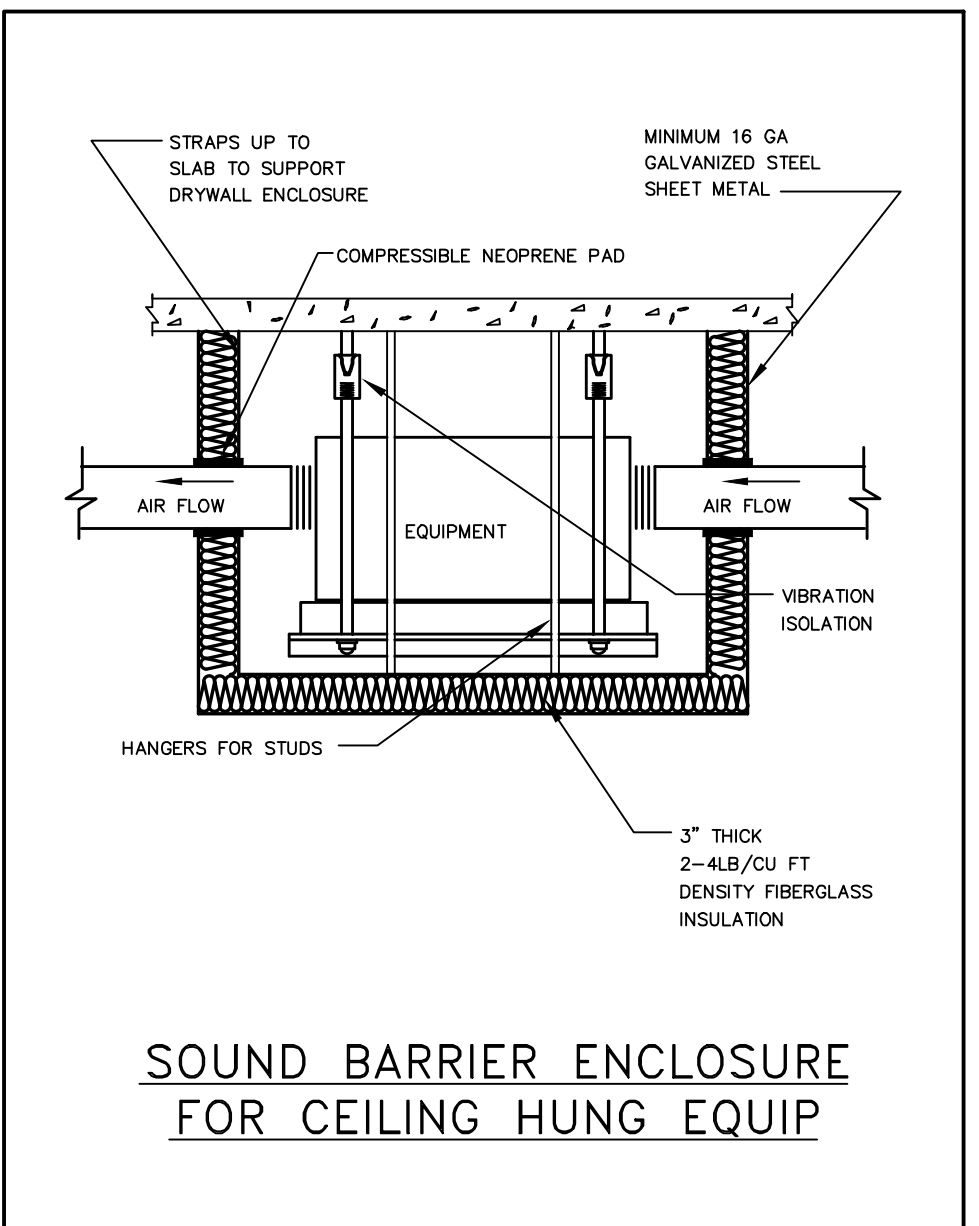
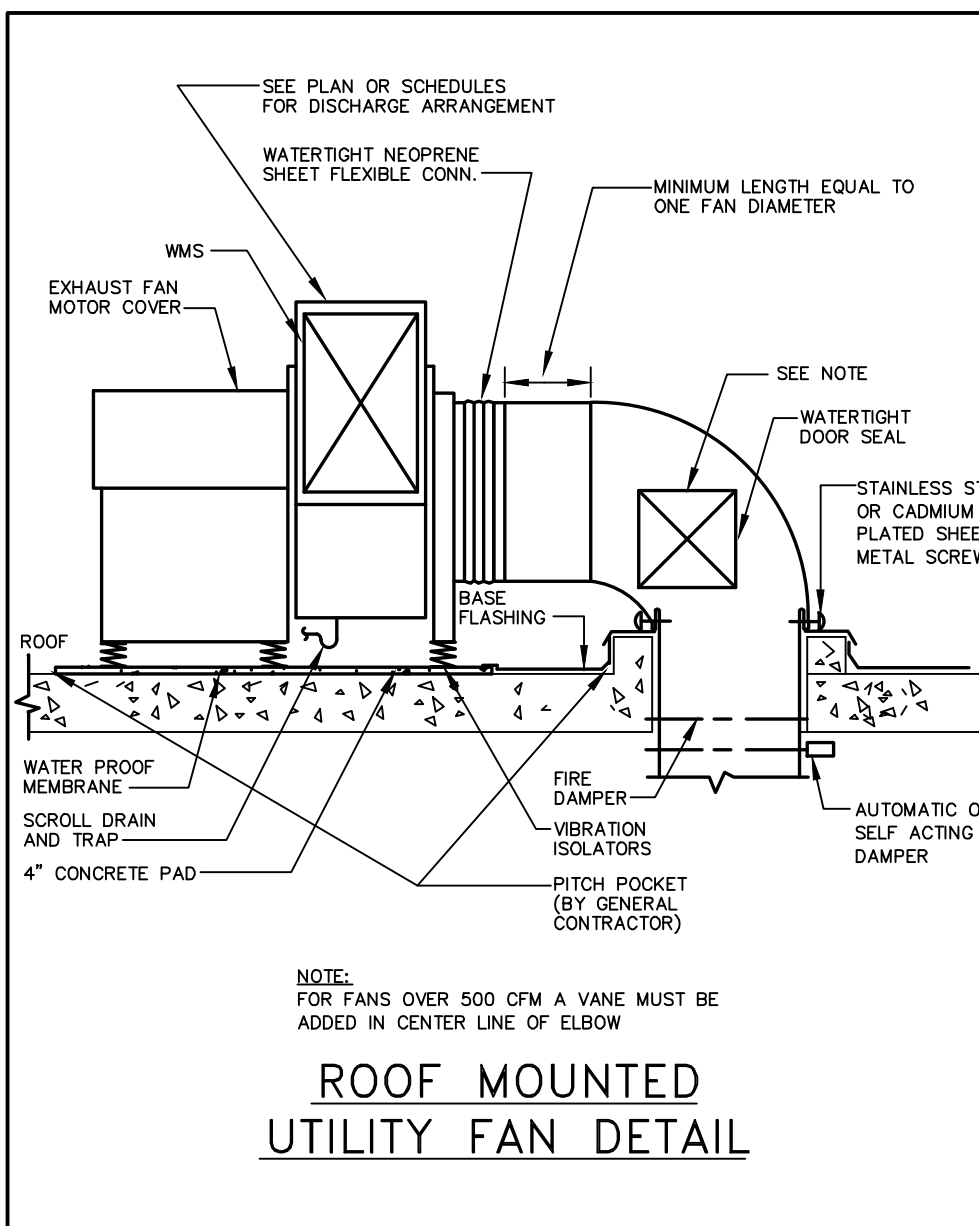
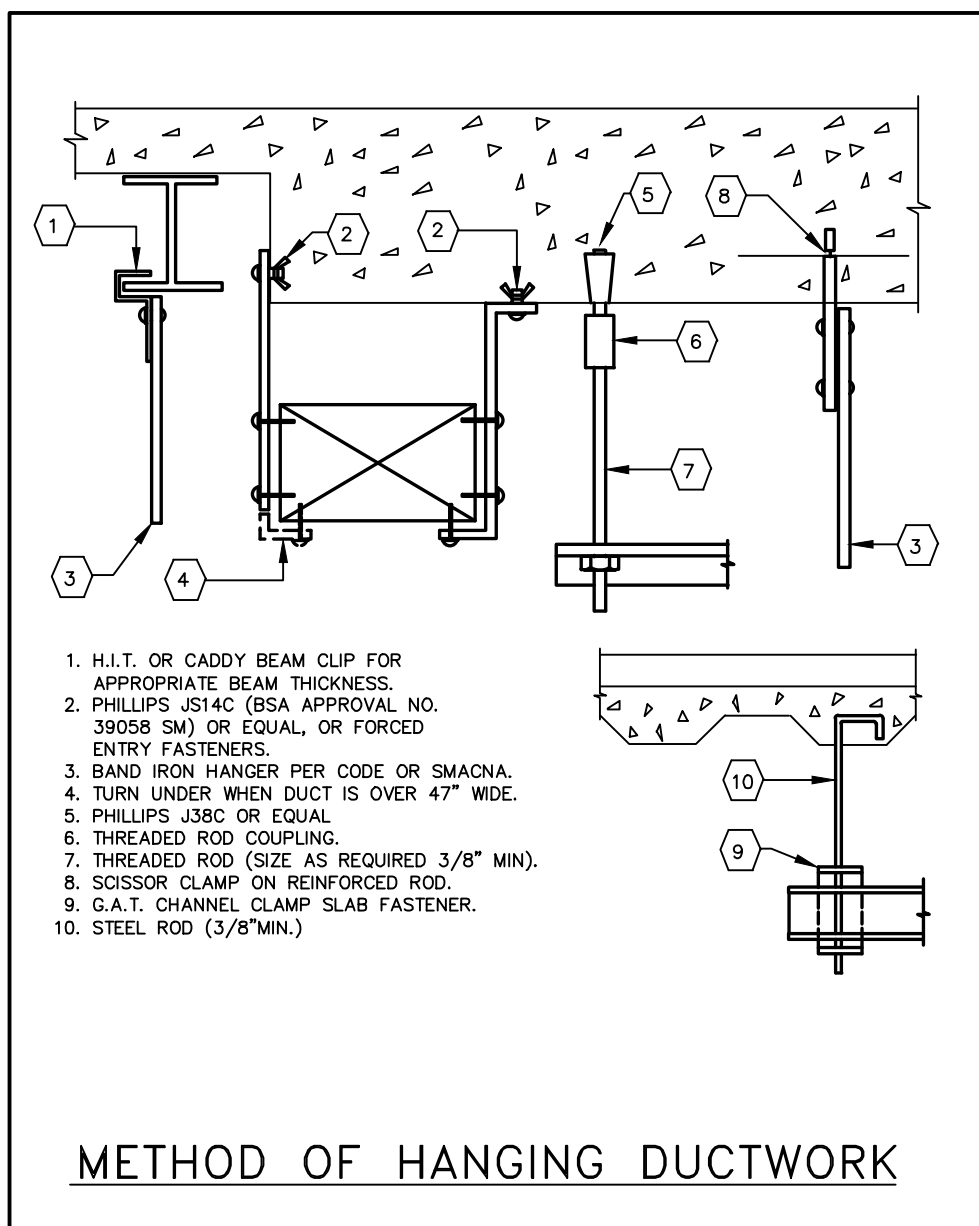
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NB#121191441

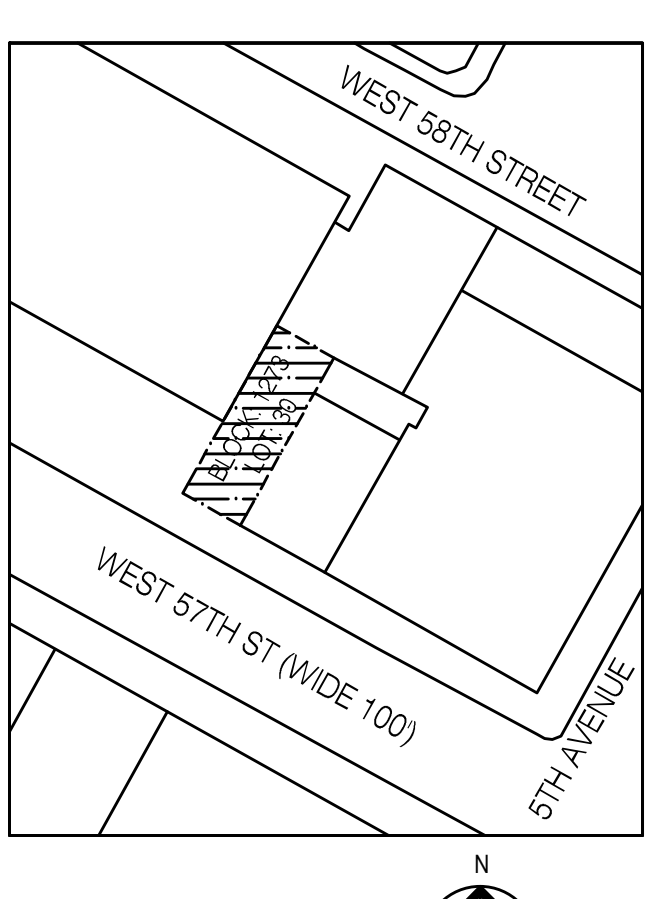
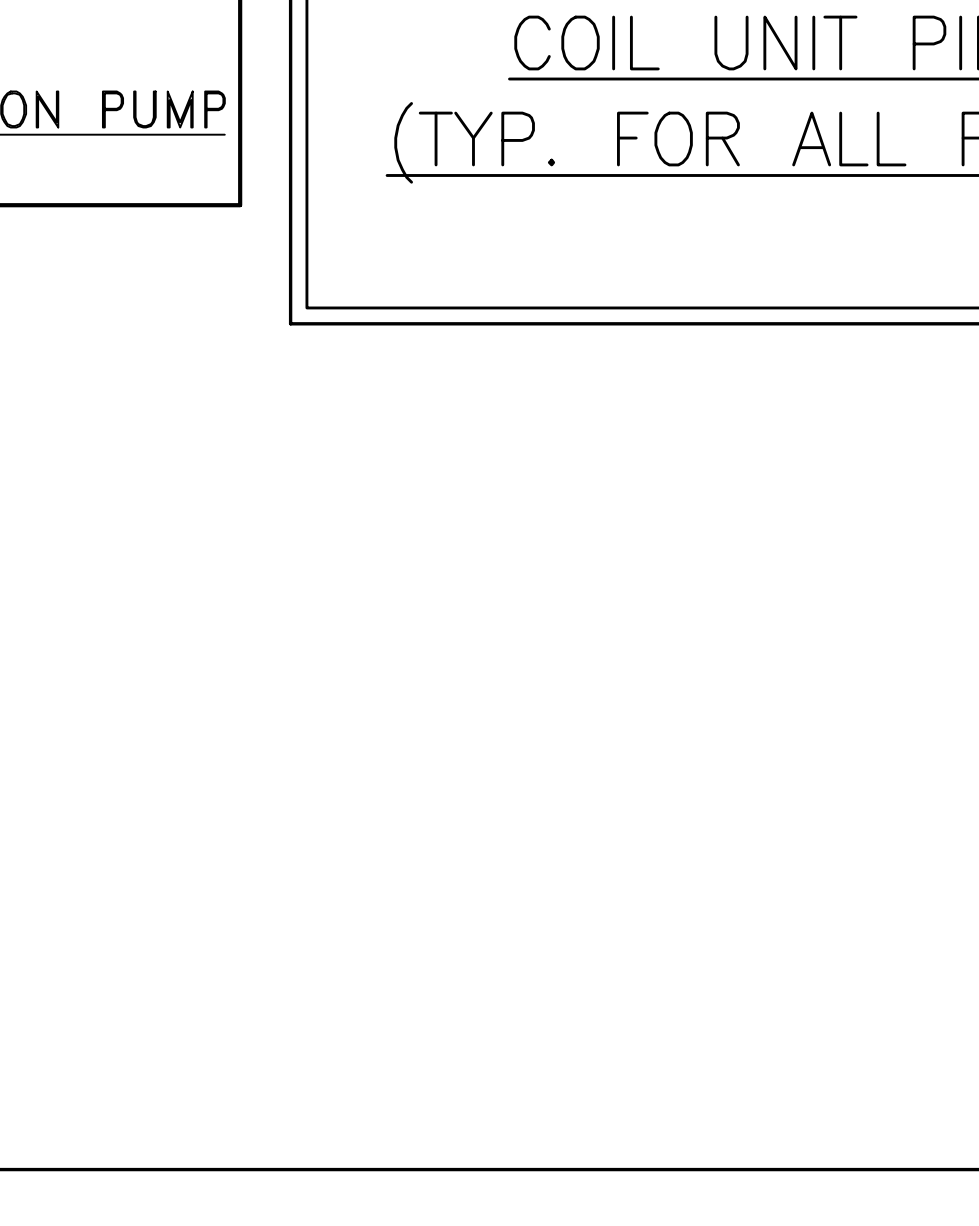
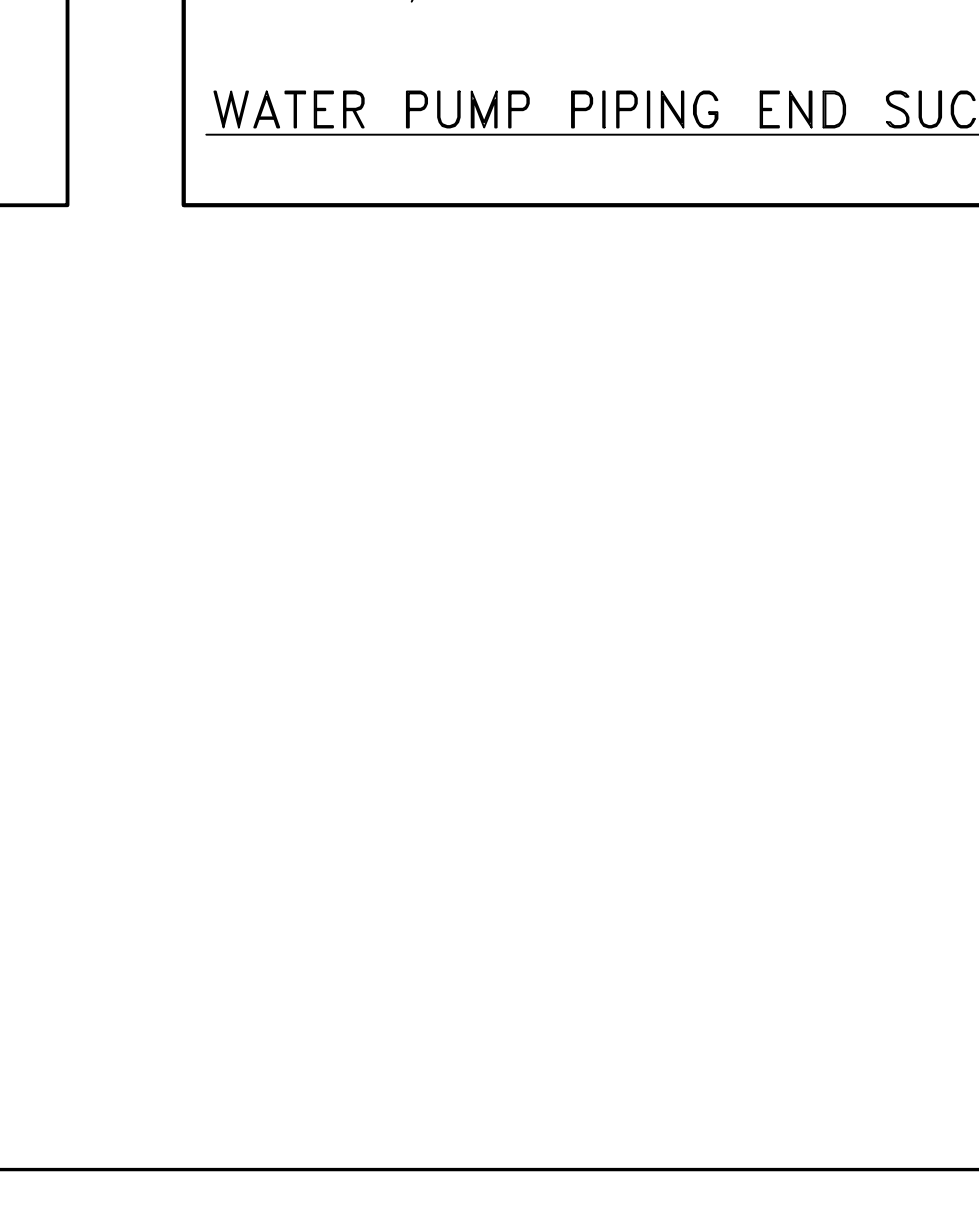
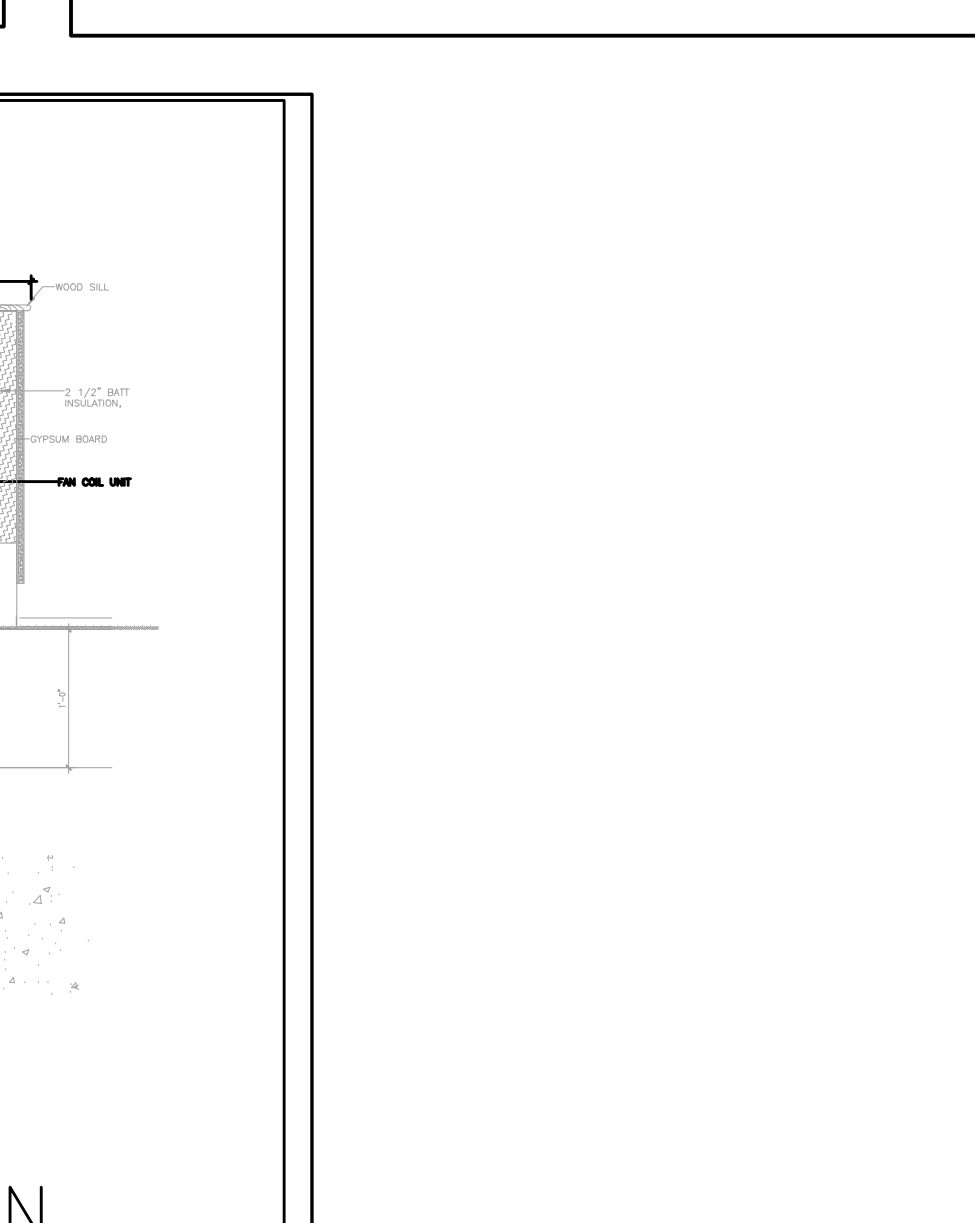
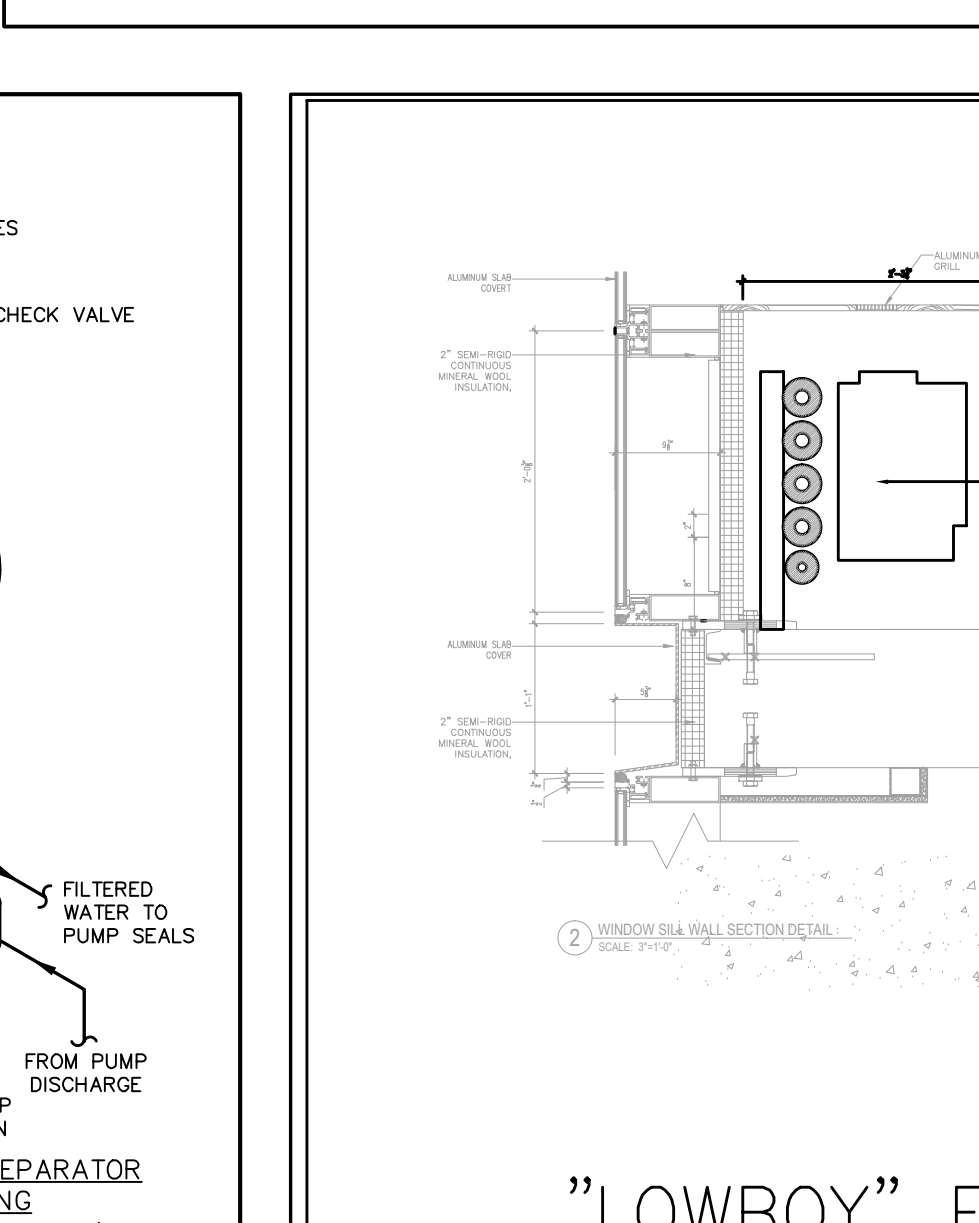
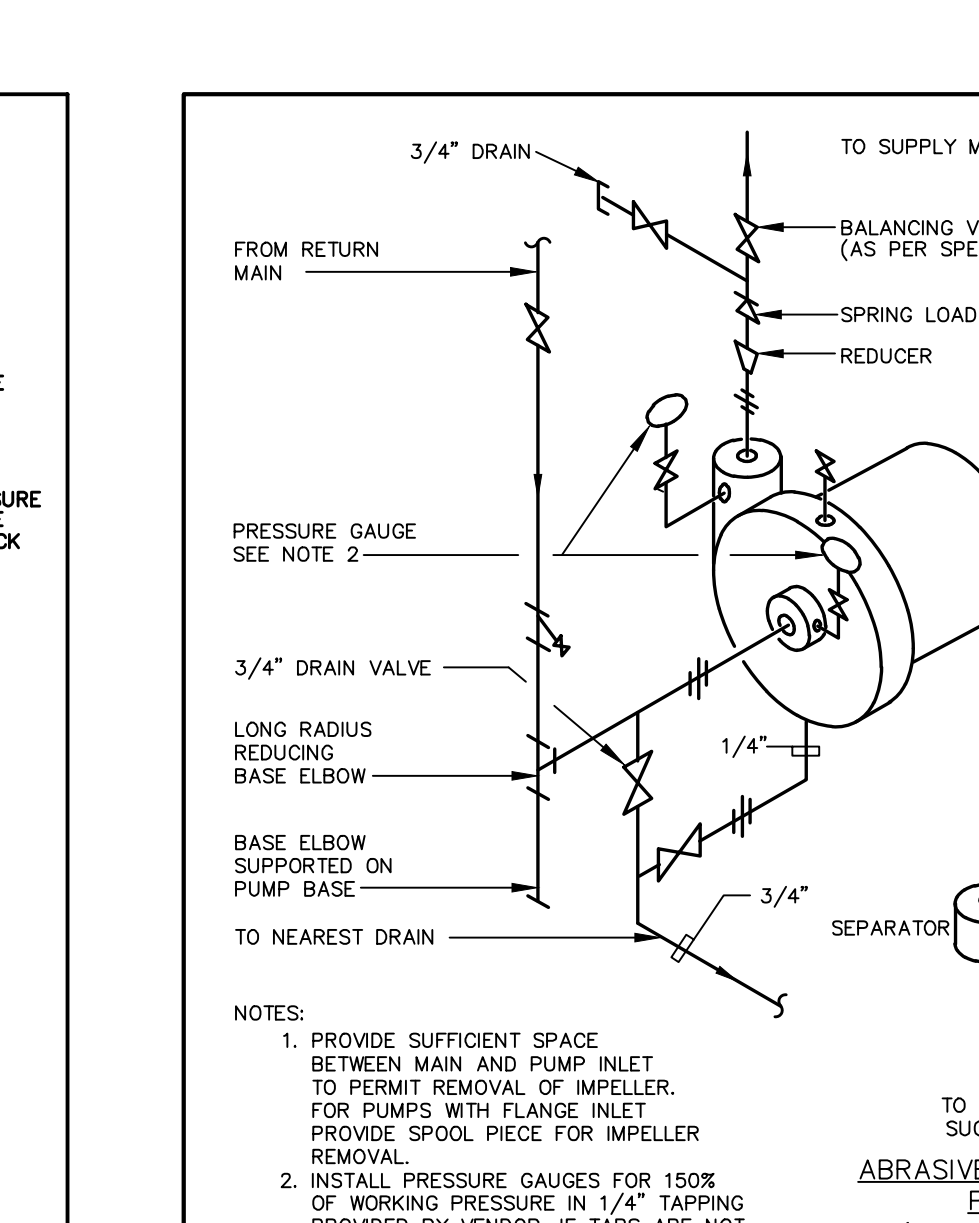
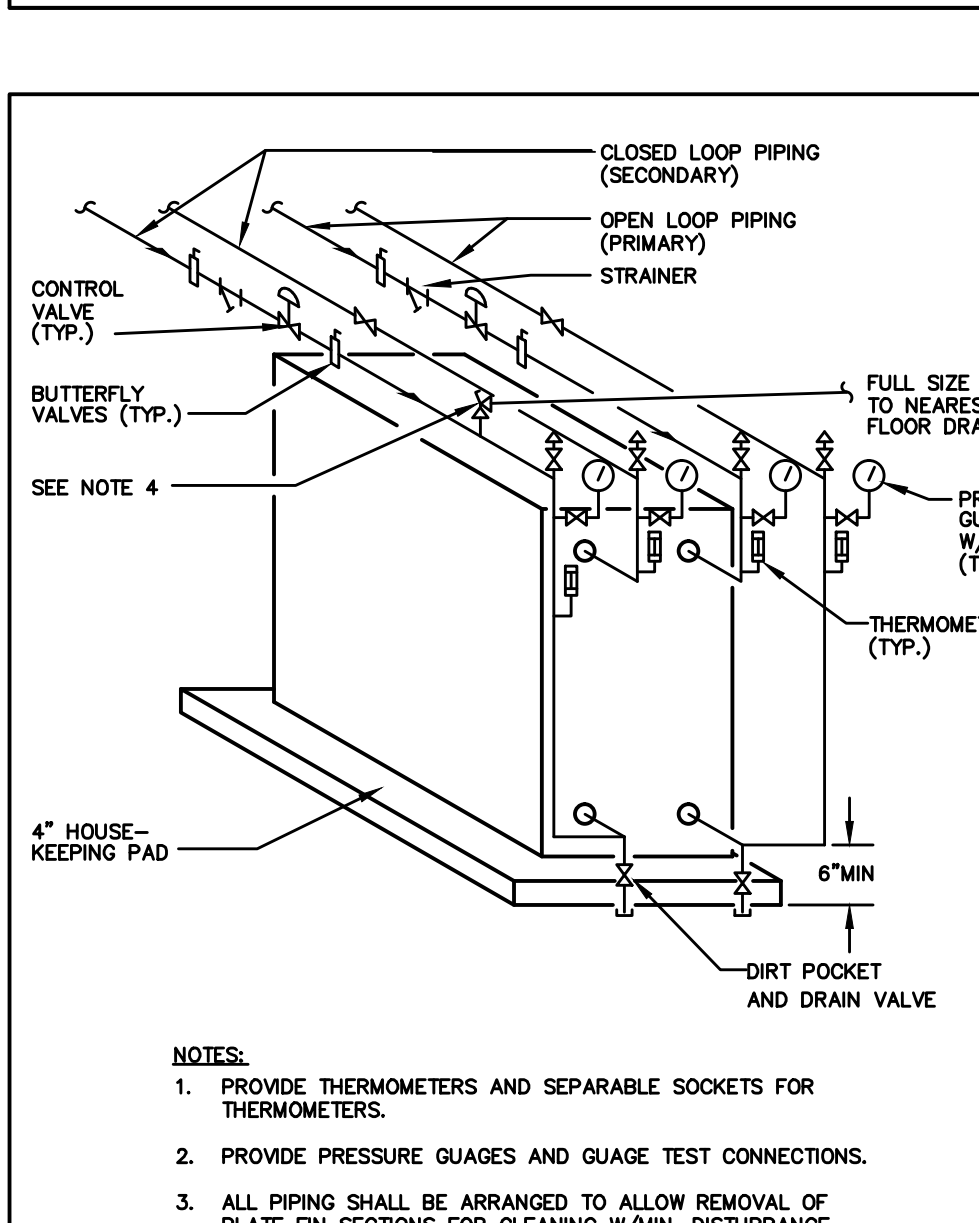
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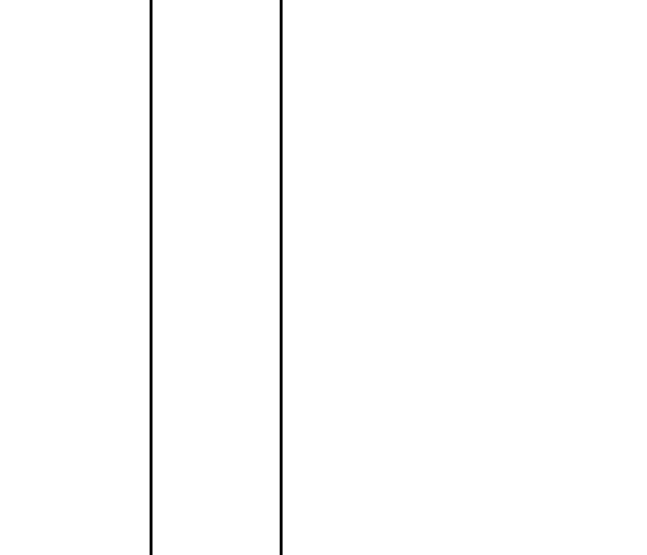
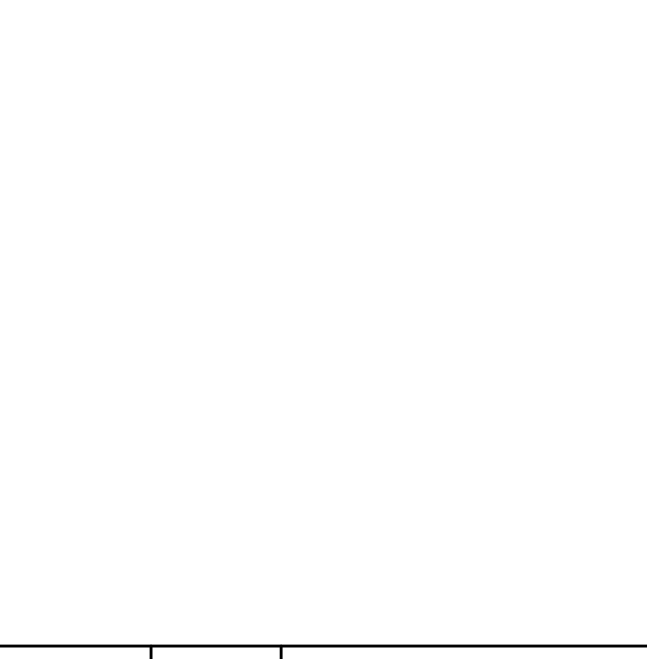
NOMINAL PIPE SIZE (IN)	MAXIMUM DISTANCE BETWEEN JOINTS (FT)	MAXIMUM DISTANCE BETWEEN INTERMEDIATE GUIDES (FT) FOR PRESSURES (PSIG) SHOWN BELOW							
		50	100	150	200	250	300	350	400
3	1'-0"	3'-8"	21	19	17	15	14	13	13
4	1'-4"	4'-8"	28	25	22	20	19	17	17
6	2'-0"	7'-0"	37	33	29	27	25	23	23
8	2'-8"	9'-4"	46	42	37	34	31	29	29
10	3'-4"	11'-0"	53	49	43	40	37	35	35
12	4'-0"	12'-0"	60	56	49	46	42	40	41
14	4'-8"	13'-0"	67	63	55	52	48	46	47
16	5'-4"	14'-0"	74	70	61	58	54	51	52
18	6'-0"	15'-0"	81	77	67	64	60	57	58
20	6'-8"	16'-0"	88	84	73	70	66	63	64
24	8'-0"	19'-0"	107	102	89	86	81	78	80
30	10'-0"	23'-0"	129	123	107	103	98	94	96



**KEY PLAN**

**NOTES:**

- WHEN DAMPER IS LOCATED WITHIN 10' OF A DIFFUSER, OR WITHIN A LOBBY OR SECURITY SPACE COORDINATE WITH ARCHITECT'S VOLUME DAMPER ASSEMBLY SHALL BE OPERABLE THROUGH FACE OF NEAREST DIFFUSER, BY MEANS OF REGULABLE CABLE BASED ON BOMEN REMOTE CABLE CONTROL SYSTEM WITH YOUNG
- ALL OTHER NON-ACCESSIBLE CEILING AREAS SHALL BE AS INDICATED.



9	07/03/2017	ISSUED PER ENERGY COMMENTS
8	05/26/2017	100% CD SUBMISSION
7	04/19/2017	90% CD SUBMISSION
6	03/17/2017	80% CD SUBMISSION
5	03/03/2017	DOB SUBMISSION
4	02/17/2017	ISSUED AS PER ENERGY COMMENTS
3	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
2	12/22/2016	ISSUED FOR FLOORING
1	11/22/2016	ISSUED FOR PROGRESS

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect: **HILL | WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8007

Interior Designer: **Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

MEP/EFF Engineer: **COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant: **VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE: **MECHANICAL DETAILS SHEET #2**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

PROJECT #: 1602-6

SCALE: NONE

**M-602.00**

DWG NO. 18 OF 18

NB#12191441

Alterations or additions to this engineering document by an unlicensed person is a violation of Chapter 16, Title VIII, Article 145 & § 2709.2 of the New York State Education Law.

\*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.\*

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK.

ENERGY COMPLIANCE DRAWING LIST

Table with 2 columns: #, DRAWING No., DRAWING TITLE. Rows include EN-001.00 COVER SHEET AND LIGHTING COMPLIANCE, EN-002.00 MECHANICAL SYSTEMS COMPLIANCE, EN-003.00 MECHANICAL SYSTEMS COMPLIANCE.

TRB: Technical Report Statement of Responsibility for Energy Code Progress Inspections

Table with 2 columns: #, Description. Lists various inspection items such as Energy Code Progress Inspection, Mechanical and Plumbing Inspections, Electrical Power and Lighting Systems, etc.

COMcheck Software Version 4.0.6.1 Interior Lighting Compliance Certificate

Project Information: Project Name: 2016 New York City Energy Conservation Code, Project Type: New Construction

Construction Site: Owner/Agent: Designer/Contractor:

Table for Allowed Interior Lighting Power: Area Category, Floor Area (F2), Allowed Watts / F2, Allowed Watts (B X C).

Table for Proposed Interior Lighting Power: Fixture ID, Description / Lamp / Wattage Per Lamp / Ballast, Lamp/ Fixture, # of Fixture, Watts, (C X D).

Interior Lighting PASSES: Design 19% better than code. Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Project Title: Report date: 06/09/17. Data filename: \1160286\Documents\Analysis\COM Check\160286 Comcheck 2017-07-08.cck Page 1 of 8

Signature: Douglas C. Moss, P.E. Date: 6/9/17



Project Title: Report date: 06/09/17. Data filename: \1160286\Documents\Analysis\COM Check\160286 Comcheck 2017-07-08.cck Page 2 of 8

COMcheck Software Version 4.0.6.1 Exterior Lighting Compliance Certificate

Project Information: Project Name: 2016 New York City Energy Conservation Code, Project Type: New Construction

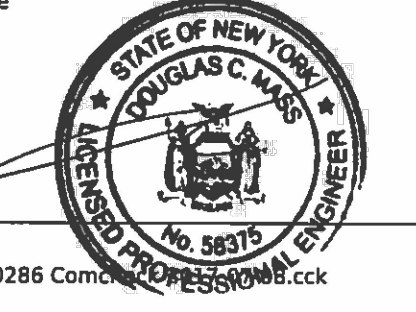
Construction Site: Owner/Agent: Designer/Contractor:

Table for Allowed Exterior Lighting Power: Area/ Surface Category, Quantity, Allowed Watts / Unit, Tradable Wattage, Allowed Watts (B X C).

Table for Proposed Exterior Lighting Power: Fixture ID, Description / Lamp / Wattage Per Lamp / Ballast, Lamp/ Fixture, # of Fixture, Watts, (C X D).

Exterior Lighting PASSES: Design 63% better than code. Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application.

Signature: Douglas C. Moss, P.E. Date: 6/9/17



Project Title: Report date: 06/09/17. Data filename: \1160286\Documents\Analysis\COM Check\160286 Comcheck 2017-07-08.cck Page 3 of 8

COMcheck Software Version 4.0.6.1 Inspection Checklist

Energy Code: 2016 New York City Energy Conservation Code. Requirements: 48.0% were addressed directly in the COMcheck software.

Text in the 'Comments/Assumptions' column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed.

Table with 4 columns: Section # & Req. ID, Plan Review, Complies?, Comments/Assumptions. Lists various code requirements and their compliance status.

Additional Comments/Assumptions: 1 High Impact (Tier 1), 2 Medium Impact (Tier 2), 3 Low Impact (Tier 3)

Project Title: Report date: 06/09/17. Data filename: \1160286\Documents\Analysis\COM Check\160286 Comcheck 2017-07-08.cck Page 4 of 8

Table for Rough-In Electrical Inspection: Section # & Req. ID, Description, Complies?, Comments/Assumptions. Lists items like lighting controls, occupancy sensors, automatic controls, etc.

Additional Comments/Assumptions: 1 High Impact (Tier 1), 2 Medium Impact (Tier 2), 3 Low Impact (Tier 3)

Project Title: Report date: 06/09/17. Data filename: \1160286\Documents\Analysis\COM Check\160286 Comcheck 2017-07-08.cck Page 5 of 8

Table for Final Inspection: Section # & Req. ID, Description, Complies?, Comments/Assumptions. Lists items like O&M instructions, lighting power, exterior lighting power, etc.

Additional Comments/Assumptions: 1 High Impact (Tier 1), 2 Medium Impact (Tier 2), 3 Low Impact (Tier 3)

Project Title: Report date: 06/09/17. Data filename: \1160286\Documents\Analysis\COM Check\160286 Comcheck 2017-07-08.cck Page 6 of 8

Table for Final Inspection: Section # & Req. ID, Description, Complies?, Comments/Assumptions. Lists items like O&M instructions, lighting power, exterior lighting power, etc.

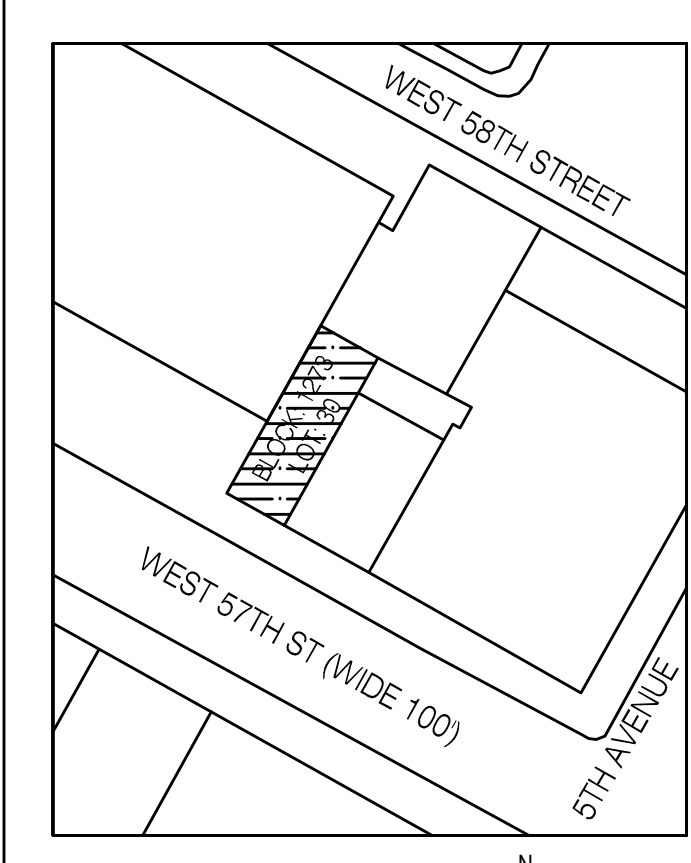
Additional Comments/Assumptions: 1 High Impact (Tier 1), 2 Medium Impact (Tier 2), 3 Low Impact (Tier 3)

Project Title: Report date: 06/09/17. Data filename: \1160286\Documents\Analysis\COM Check\160286 Comcheck 2017-07-08.cck Page 7 of 8

Table for Final Inspection: Section # & Req. ID, Description, Complies?, Comments/Assumptions. Lists items like O&M instructions, lighting power, exterior lighting power, etc.

Additional Comments/Assumptions: 1 High Impact (Tier 1), 2 Medium Impact (Tier 2), 3 Low Impact (Tier 3)

Project Title: Report date: 06/09/17. Data filename: \1160286\Documents\Analysis\COM Check\160286 Comcheck 2017-07-08.cck Page 8 of 8



KEY PLAN

NOTES:

Table with 3 columns: #, Date, Description. Lists revision notes for the drawing, including items like 'ADDENDUM #1', '100% CD SUBMISSION', etc.

Number: Date: Revision: Project: 7 WEST 57TH STREET NEW YORK, NY 10019

Client: SOLO9W57 SOLO REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 4TH FLOOR NEW YORK, NY 10019

Architect: HILL WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212-213-8007

Interior Designer: Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007

Structural Engineer: WSP | PARSONS BRINCKERHOFF ONE PEN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888

MEP/FE Engineer: COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600

Building Envelope Consultant: VIDARIS 580 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE: ENERGY COMPLIANCE COVER SHEET AND LIGHTING COMPLIANCE

SEAL & SIGNATURE: PROJECT # 1602\_6 SCALE: NONE EN-001 DWG NO. 1 OF 3 NB#121191441



COMcheck Software Version 4.0.6.2  
Mechanical Compliance Certificate

Project Information  
Energy Code: 2016 New York City Energy Conservation Code  
Project Title: 7 West 57th Street Condominium  
Location: New York, New York  
Climate Zone: 4A  
Project Type: New Construction  
Construction Site: 7 West 57th St, New York, NY 10019  
Owner/Agent: SOLiQW Realty & Development, 9 West 57th Street, 45th Floor, New York, NY 10019  
Designer/Contractor: Conestoga Associates, Two Pennsylvania Plaza, New York, NY 10113

Additional Efficiency Package  
Unspecified

Quantity System Type & Description  
1 Heating: 1 each - Radiant Heater, Hot Water, Capacity = 1500 kBtu/h  
No minimum efficiency requirement applies.  
Fan System: None  
2 OCH-1.1 (Single Zone)  
VHS: Air Cooled Heat Recovery Heat Pump  
Heating Mode Capacity = 150 kBtu/h  
Proposed Efficiency = 3.81 COP, Required Efficiency = 3.30 COP  
Cooling Mode Capacity = 120 kBtu/h  
Proposed Efficiency = 11.35 EER, Required Efficiency = 10.80 EER + 14.4 EER  
Fan System: None  
3 OCH-1.1 (Single Zone)  
VHS: Air Cooled Heat Recovery Heat Pump  
Heating Mode Capacity = 54 kBtu/h  
Proposed Efficiency = 11.48 HSPF, Required Efficiency = 7.70 HSPF  
Cooling Mode Capacity = 48 kBtu/h  
Proposed Efficiency = 10.85 SEER, Required Efficiency = 13.00 SEER  
Fan System: None  
4 BAH-1.1.2  
Heating: Hot Water Boiler, Capacity 800 kBtu/h, Gas  
Proposed Efficiency: 87.00 % EI, Required Efficiency: 80.00 % EI  
5 OCH-1.1 (Single Zone)  
Cooling: Water Chiller, Capacity 100 tons, Condenser Air Cooled, Rotary Screw or Scroll Chiller  
Proposed Efficiency: 14.37 EER/ton, (Refer to mech. plans for proposed PLV)  
Required Efficiency: 10.30 EER/ton, + 13.70 EER/ton or 8.70 EER/ton, + 15.80 EER-PLV

Section # & Req. ID  
C403.2.4 (F051)  
Snowmelt system sensors for future conversion to controls. Freeze protection systems have automatic controls installed.  
Complies?  Does Not  Does Not  Not Applicable  
Exception: Requirement does not apply.

COMcheck Software Version 4.0.6.2  
Inspection Checklist

Energy Code: 2016 New York City Energy Conservation Code  
Requirements: 100.0% were addressed directly in the COMcheck software. Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that the code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is furnished in a separate table, a reference to that table is provided.

Section # & Req. ID  
C103.2 (F011)  
Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.  
Complies?  Does Not  Does Not  Not Applicable  
Requirement will be met.

Section # & Req. ID  
C405.6 (PL16)  
Group 6-2 dwelling units have separate electrical meters. Each covered tenant space in a separate building is equipped with a separate meter to measure the electrical consumption of each space when let or sublet. Refer to Section 28.31.7 of the Administrative Code of the City of New York.  
Complies?  Does Not  Does Not  Not Applicable  
Requirement will be met.

Project Title: 7 West 57th Street Condominium  
Data File Name: I:\160286\MECH\Energy Compliance\160286 - Revised COM Check.csk  
Report date: 08/11/17  
Page 3 of 18

Section # & Req. ID  
C404.5 (PL6)  
Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.  
Complies?  Does Not  Does Not  Not Applicable  
Requirement will be met.

Section # & Req. ID  
C404.6.3 (PL7)  
Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.  
Complies?  Does Not  Does Not  Not Applicable  
Exception: Requirement does not apply.

Section # & Req. ID  
C404.7 (PL8)  
Water distribution system that pumps water from a heated-water supply pipe back to the heated-water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a future or appliance and limits the temperature of the water entering the cold-water piping to 104°F.  
Complies?  Does Not  Does Not  Not Applicable  
Requirement will be met.

Section # & Req. ID  
C403.2.2 (ME117)  
HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.  
Complies?  Does Not  Does Not  Not Applicable  
Requirement will be met.

Section # & Req. ID  
C403.2.2 (ME117)  
HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.  
Complies?  Does Not  Does Not  Not Applicable  
Requirement will be met.

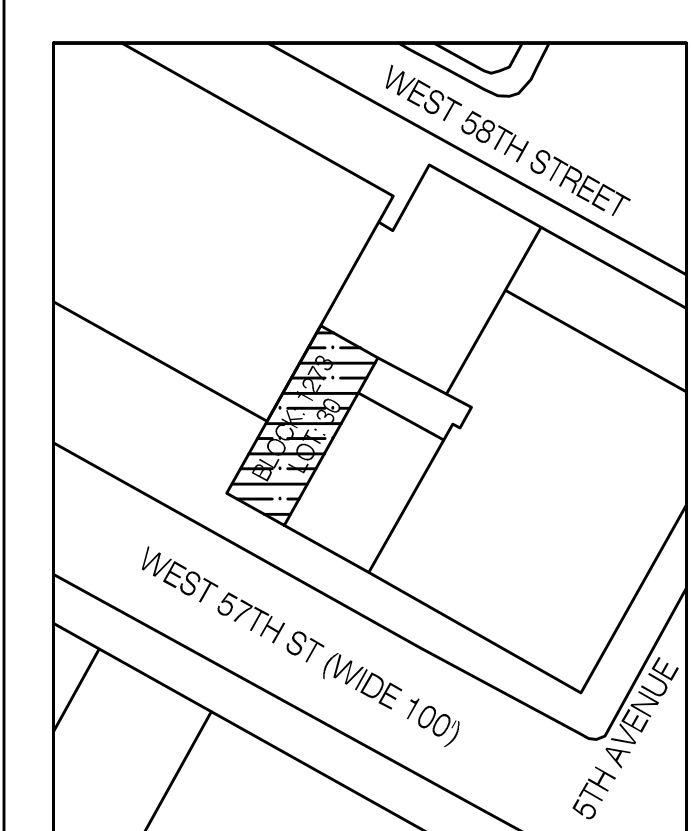
Section # & Req. ID  
C403.2.2 (ME117)  
HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.  
Complies?  Does Not  Does Not  Not Applicable  
Requirement will be met.

Project Title: 7 West 57th Street Condominium  
Data File Name: I:\160286\MECH\Energy Compliance\160286 - Revised COM Check.csk  
Report date: 08/11/17  
Page 9 of 18

Project Title: 7 West 57th Street Condominium  
Data File Name: I:\160286\MECH\Energy Compliance\160286 - Revised COM Check.csk  
Report date: 08/11/17  
Page 10 of 18

Project Title: 7 West 57th Street Condominium  
Data File Name: I:\160286\MECH\Energy Compliance\160286 - Revised COM Check.csk  
Report date: 08/11/17  
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Project Title: 7 West 57th Street Condominium  
Data File Name: I:\160286\MECH\Energy Compliance\160286 - Revised COM Check.csk  
Report date: 08/11/17  
Page 12 of 18



KEY PLAN

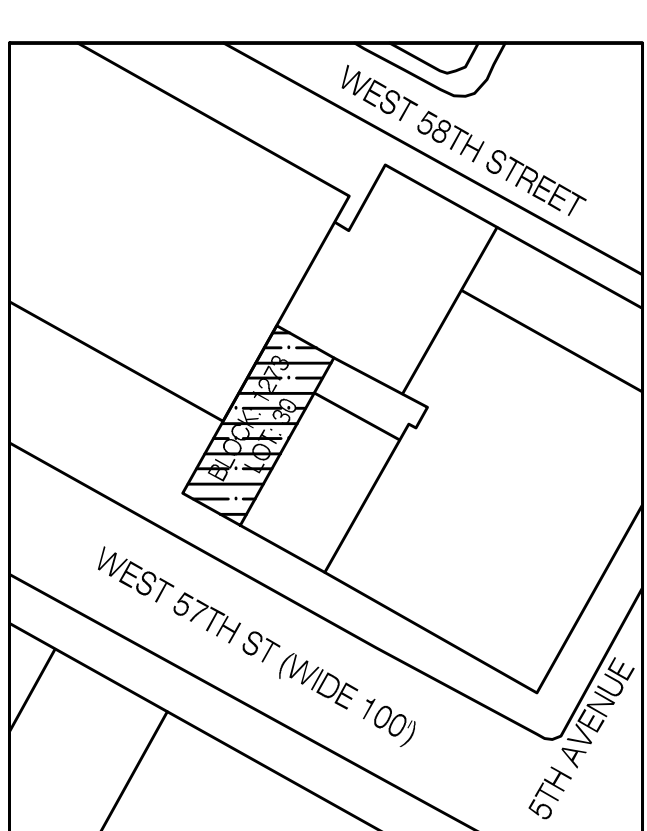
NOTES:

Table with 4 columns: Number, Date, Revision, Description. Includes notes about submittals and issues.

Project: 7 WEST 57TH STREET, NEW YORK, NY 10019  
Client: SOLOW57, SOLOW REALTY & DEVELOPMENT COMPANY, LLC, 9 WEST 57TH STREET, 45TH FLOOR, NEW YORK, NY 10019  
Architect: HILL WEST ARCHITECTS, 11 BROADWAY, 17TH FLOOR, NEW YORK, NY 10004  
Interior Designer: Whitehall INTERIORS, 11 Broadway, Suite 1532, New York, NY 10004  
Structural Engineer: WSP | PARSONS BRINCKERHOFF, ONE PENN PLAZA, 250 WEST 34TH STREET, 2ND FLOOR, NEW YORK, NY 10019  
MEPP Engineer: COSENTINI ASSOCIATES, TWO PENNSYLVANIA PLAZA, THIRD FLOOR, NEW YORK, NY 10021  
Building Envelope Consultant: VDAI, 880 PARK AVENUE SOUTH, 15TH FL., NEW YORK, NY 10010

DOB STAMPS & SIGNATURES:  
DATE: PROJECT #: 1602-6  
SCALE: NONE  
EN-002  
DWG NO: 2 OF 3  
NB#21191441





**KEY PLAN**

**NOTES:**

8	05/31/2017	DOB SUBMISSION FOUNDATION
7	05/26/2017	100% CD SUBMISSION
6	04/19/2017	90% CD SUBMISSION
5	03/17/2017	80% CD SUBMISSION
4	03/03/2017	DOB SUBMISSION
3	02/17/2017	ISSUED AS PER ENERGY COMMENTS
2	02/17/2017	60% CD SUBMISSION (NOT FOR BDI)
1	12/22/2016	ISSUED FOR FILING

Number:	Date:	Revision:
Project:	7 WEST 57TH STREET NEW YORK, NY 10019	
Client:	SOLO9W57 SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019	
Architect:	HILL   WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212.213.8007	
Interior Designer:	Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007	
Structural Engineer:	WSP   PARSONS BRINCKERHOFF ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10019 212-687-8888	
MEP/FE Engineer:	COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10021 212-615-3600	
Building Envelope Consultant:	V.DARIS 380 PARK AVENUE SOUTH, 15TH FL. NEW YORK, NY 10010 212-689-5389	

DOB STAMPS & SIGNATURES:

DWG TITLE:

PLUMBING  
SYMBOLS, NOTES, & DWG. LIST

SEAL & SIGNATURE:

DATE:  
PROJECT # 1602\_6  
SCALE: NONE  
**P-001.00**  
DWG NO. 1 OF 16

160286\_P-001.00 (CON) 212191441

**2016 NYC ENERGY CONSERVATION CODE NOTES:  
STATEMENT OF COMPLIANCE:**

TO THE BEST OF MY KNOWLEDGE, AND PERSONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2014 NEW YORK CITY ENERGY CONSERVATION CODE.

**MANDATORY PROVISIONS:**

- WATER HEATING EQUIPMENT AND HOT WATER STORAGE TANKS SHALL MEET THE REQUIREMENTS OF TABLE C404.2 IN THE 2014 NYC ECC. (NYC ECC C404.2)
- SERVICE WATER HEATING EQUIPMENT SHALL BE PROVIDED WITH CONTROLS ALLOWING A SETPOINT OF 110 DEGREES F FOR DWELLING UNITS AND 90 DEGREES F FOR OTHER OCCUPANCIES. PUBLIC REST ROOM LAVATORIES SHALL HAVE A MAXIMUM OUTLET TEMPERATURE OF 110 DEGREES F. (NYC ECC C404.3)
- WHERE WATER HEATING EQUIPMENT SERVING NONCIRCULATING SYSTEMS IS NOT SUPPLIED WITH INTEGRAL HEAT TRAPS, HEAT TRAPS SHALL BE PROVIDED ON THE SUPPLY AND DISCHARGE PIPING. (NYC ECC C404.4)
- AUTOMATIC CIRCULATING HOT WATER SYSTEM PIPING SHALL BE INSULATED WITH 1 INCH OF INSULATION WITH A CONDUCTIVITY NOT EXCEEDING 0.27 BTU PER INCH/H X FT X FT X DEGREE F, OR THE INSULATION REQUIREMENTS OF SPECIFICATION SECTION 22 07 19, WHICHEVER IS GREATER. THE FIRST 8 FEET OF PIPING IN NONCIRCULATING SYSTEMS WITH EQUIPMENT WITHOUT INTEGRAL HEAT TRAPS SHALL BE INSULATED WITH 0.5 INCH OF MATERIAL HAVING A CONDUCTIVITY NOT EXCEEDING 0.27 BTU PER INCH/H X FT X FT X DEGREE F, OR THE INSULATION REQUIREMENTS OF SPECIFICATION SECTION 22 07 19, WHICHEVER IS GREATER. (NYC ECC C404.5)
- CIRCULATING HOT WATER SYSTEM PUMPS OR HEAT TRACE SHALL BE ARRANGED TO BE TURNED OFF EITHER AUTOMATICALLY OR MANUALLY WHEN THERE IS LIMITED HOT WATER DEMAND. READY ACCESS SHALL BE PROVIDED TO THE OPERATING CONTROLS. (NYC ECC C404.6)
- THE POOL HEATERS SHALL BE EQUIPPED WITH AN ON-OFF SWITCH THAT ALLOWS SHUTTING OFF THE HEATER WITHOUT ADJUSTING THE THERMOSTAT SETTING. GAS FIRED POOL HEATERS SHALL NOT HAVE A CONTINUOUSLY BURNING PILOT LIGHT. (NYC ECC C404.7.1)
- THE POOL HEATERS SHALL BE EQUIPPED WITH TIME SWITCHES. THE POOL PUMPS ARE NOT PROVIDED WITH TIME SWITCHES. THESE PUMPS OPERATE ON A 24/7 BASIS AS REQUIRED BY NYC HEALTH CODE ARTICLE 165 - BATHING ESTABLISHMENTS. (NYC ECC C404.7.2)
- A VAPOR-RETARDANT POOL COVER AT THE WATER SURFACE SHALL BE PROVIDED. (NYC ECC C404.7.3)

**NYC 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 PLUMBING CODE 1. EACH BIDDER SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE CONDITION OF THE PREMISES COMPLIANCE WITH THE FULL PROVISIONS OF ALL NEW YORK CITY BUILDING AND PLUMBING CODE ACCESSIBILITY REQUIREMENTS AND PLUMBING FIXTURE FLOW REQUIREMENTS OF THE 2014 NEW YORK CITY PLUMBING CODE.

- THE SANITARY SYSTEM SHALL BE PROVIDED IN FULL ACCORDANCE WITH THE GENERAL PROVISIONS OF SECTION PC301.
- THE MATERIALS USED IN THE PLUMBING SYSTEMS WILL BE PROVIDED IN FULL ACCORDANCE WITH SECTIONS PC302 AND PC303.
- EQUIPMENT HOOK-UP AND THE JOINING WILL BE FULL COMPLIANCE WITH SECTIONS PC605 AND PC705.
- THE INSTALLATION OF FIXTURES WILL BE IN FULL ACCORDANCE WITH PC CHAPTER 4.
- TRAPS FOR FIXTURES AND DRAIN LINES WILL BE PROVIDED AND CLEANOUTS INSTALLED IN FULL COMPLIANCE WITH SECTIONS PC412, PC708 AND PC CHAPTER 10.
- VERTICAL AND HORIZONTAL PIPING WILL BE HUNG AND SUPPORTED AS DIRECTED IN SPECIFICATIONS AND WITH THE FULL COMPLIANCE WITH SECTION PC308.
- THE WATER SUPPLY SYSTEMS OF THE SUBJECT BUILDING SHALL BE INSTALLED AND MAINTAINED IN FULL COMPLIANCE WITH PC CHAPTER 6.
- SHOCK ABSORBERS SHALL BE PROVIDED IN FULL COMPLIANCE WITH PC 604.9 WHERE ALL QUICK CLOSING VALVES ARE INSTALLED AND ALL EQUIPMENT CONTAINING QUICK CLOSING SOLENOID VALVES SUCH AS ICE MAKERS, COFFEE MACHINES, DISHWASHERS, CLOTHES WASHERS, ELECTRONIC OPERATED FLUSH VALVES AND FAUCETS, AND SHOWER MIXING VALVES THAT HAVE A SINGLE LEVER HANDLE.
- THE SANITARY DRAINAGE SYSTEM WILL BE SIZED AND INSTALLED IN FULL COMPLIANCE WITH PC CHAPTER 7.
- THE VENT PIPING FOR THE SANITARY DRAINAGE SYSTEM OF THE SUBJECT BUILDING WILL BE INSTALLED IN FULL COMPLIANCE WITH SECTION PC702 & PC CHAPTER 9.
- THE STORM DRAINAGE SYSTEM AND PIPING WILL BE INSTALLED IN FULL COMPLIANCE WITH PC CHAPTER 11.
- GAS PIPING AND EQUIPMENT WILL BE INSTALLED IN FULL COMPLIANCE WITH THE NEW YORK CITY FUEL GAS CODE.
- ALL TRENCHING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC306.
- RAT PROOFING SHALL BE IN ACCORDANCE WITH SECTION PC304.
- TEMPORARY TOILET FACILITIES SHALL BE PROVIDED FOR CONSTRUCTION PERSONNEL AS PER SECTION PC311.

**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.

- 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.
- ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE BASE BUILDING SPECIFICATIONS AND IN CONFORMANCE WITH THE BUILDING'S RULES AND REGULATIONS. CONTRACTORS ARE REQUIRED TO OBTAIN A COPY OF THE BUILDING REQUIREMENTS IN WHICH ALL OF THE CONDITIONS AND PROVISIONS WITH RESPECT TO THIS PROJECT SHALL BE ANNEXED HERETO AND MADE A PART HEREOF.
- PLUMBING CONTRACTOR SHALL LOCATE ALL PIPING AND PLUMBING ROUGH-IN FOR PLUMBING FIXTURES IN ACCORDANCE WITH ROUGH-IN DRAWINGS PROVIDED BY EQUIPMENT MANUFACTURERS.
- ALL VISIBLY EXPOSED PIPE TO EQUIPMENT SHALL BE CHROME PLATED BRASS.
- PROVIDE SHUT-OFF VALVES FOR EACH PLUMBING FIXTURE AND PIECE OF EQUIPMENT.
- PROVIDE TRAPS ON ALL WASTE PIPING FROM PLUMBING FIXTURES AND PIECE OF EQUIPMENT.
- COORDINATE POSITION OF SLEEVES AND OPENINGS THROUGH FLOOR WITH THE GENERAL CONTRACTOR.
- PROVIDE VACUUM BREAKERS AND CHECK VALVES FOR THE PLUMBING FIXTURES WHERE AND WHEN REQUIRED BY CODE.
- ALL PIPING AND EQUIPMENT SHALL BE SUBSTANTIALLY SUPPORTED FROM THE BUILDING STRUCTURE. HANGER AND SUPPORTS SHALL BE SPECIFICALLY APPROVED FOR USE IN PLUMBING SYSTEMS.
  - WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING OF HANGER RODS IN REQUIRED LOCATIONS, PROVIDE ADDITIONAL STEEL FRAMING AS REQUIRED AND APPROVED.
  - 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.
- PLUMBING FIXTURES TO BE APPROVED BY THE GENERAL CONTRACTOR AND INSTALLED BY THE PLUMBING CONTRACTOR.
- 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.
- PANTRY EQUIPMENT SHALL BE PROVIDED WITH FLEXIBLE STAINLESS STEEL HOSES FOR FINAL SUPPLY PIPING FROM SHUT-OFF/ISOLATION VALVES.
- PLUMBING CONTRACTOR SHALL PROVIDE MANUAL AIR VENT VALVE AT ALL WATER PIPING HIGH POINTS TO PREVENT AIR BINDING.
- EVERY SHUT-OFF VALVE MUST BE IDENTIFIED WITH VALVE TAGS PER BUILDING STANDARDS.
- PIPING INSULATION SHALL BE PROTECTED FROM HANGERS, GUIDES, AND ROLLERS BY A 180 DEGREE SHIELD ON THE OUTSIDE OF THE INSULATION AND VAPOR BARRIER. A HALF SECTION OF WATERPROOF, CALCIUM SILICATE, HIGH-DENSITY INSULATION OF THE SAME THICKNESS AND THE PIPE INSULATION, AND FULL LENGTH OF THE SHIELD SHALL BE USED TO SUPPORT THE WEIGHT OF THE PIPE AT THE SHIELD.
  - PIPE SIZE SHIELD LENGTH :
 

• 1-1/2 INCHES TO 2-1/2 INCHES	10 INCHES
• 3 INCHES TO 6 INCHES	12 INCHES
• 8 INCHES TO 10 INCHES	16 INCHES
• 12 INCHES AND OVER	22 INCHES

**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.

<p>--- SOL OR WASTE PIPING (S) (W)</p> <p>--- SOL OR WASTE PIPING ON FLOOR BELOW</p> <p>--- GW --- WASTE TO GREASE INTERCEPTOR</p> <p>--- IW --- INDIRECT WASTE</p> <p>--- VENT PIPING</p> <p>--- COLD WATER PIPING (C.W.)</p> <p>--- HOT WATER PIPING (H.W.)</p> <p>--- HWAT TRACED HOT WATER PIPING</p> <p>--- HOT WATER CIRCULATING PIPING (H.W.C.)</p> <p>--- AED --- AIR ELIMINATOR DRAIN</p> <p>--- GATE VALVE (G.V.)</p> <p>--- LOCKSHIELD VALVE (GLOBE VALVE)</p> <p>--- PLUG COCK</p> <p>--- CHECK VALVE (C.V.)</p> <p>--- DUAL CHECK VALVE</p> <p>--- HOSE BIBB (H.B.) SILL COCK (S.C.)</p> <p>--- VACUUM BREAKER (V.B.)</p> <p>--- PRESSURE RELIEF VALVE</p> <p>--- PRESS. &amp; TEMP. RELIEF VALVE</p> <p>--- PRESSURE REGULATING VALVE</p> <p>--- STRAINER</p> <p>--- "P" TRAP FOR LAV., SINK, ETC.</p> <p>--- CLEANOUT DECK PLATE (C.O.D.P.)</p> <p>--- SHOCK ABSORBER</p> <p>--- ANCHOR</p> <p>--- GUIDE</p> <p>--- SLEEVE</p> <p>--- WATER PROOF SLEEVE</p> <p>--- PRESSURE GAUGE</p> <p>--- THERMOMETER</p> <p>--- UNION CONNECTION</p> <p>--- EXPANSION JOINT</p> <p>--- AUTOMATIC AIR VENT VALVE</p> <p>--- HOT WATER CIRCULATION BALANCING RIG</p> <p>--- HOT WATER CIRCULATION BALANCING RIG W/AIR ELIMINATOR</p> <p>--- MIXING VALVE</p> <p>--- EXISTING PIPING TO REMAIN</p> <p>--- EXISTING COLD WATER TO BE REMOVED</p> <p>--- EXISTING HOT WATER TO BE REMOVED</p> <p>--- EXISTING HOT WATER RETURN TO BE REMOVED</p> <p>--- EXISTING VENT TO BE REMOVED</p> <p>--- EXISTING SANITARY TO BE REMOVED</p> <p>--- NEW CONNECTION TO EXISTING</p> <p>--- BALL VALVE</p> <p>--- CLEANOUT</p> <p>--- CARPED OUTLET</p> <p>--- FLOOR DRAIN</p>	<p>A.B.D. AUTOMATIC BALL DRIP</p> <p>A.D. ACCESS DOOR</p> <p>A. DR. AREA DRAIN</p> <p>B.T. BATH TUB</p> <p>C.D. CANOPY DRAIN</p> <p>C.F.H. CUBIC FEET PER HOUR</p> <p>C.F.M. CUBIC FEET PER MINUTE</p> <p>C.F.S. CUBIC FEET PER SECOND</p> <p>CLG. CEILING</p> <p>C.O. CLEANOUT</p> <p>C.O.D.P. CLEAN OUT DECK PLATE</p> <p>C.V. CHECK VALVE</p> <p>C.V.B. CHECK VALVE BOX</p> <p>D.I. DROP INLET</p> <p>D.F. DRINKING FOUNTAIN</p> <p>DN. DOWN</p> <p>DW. DISHWASHER</p> <p>EL. ELEVATION</p> <p>E.W.C. ELECTRIC WATER COOLER</p> <p>F.A.I. FRESH AIR INLET</p> <p>F.D. FLOOR DRAIN</p> <p>FL. DR. FLOOR DRAIN</p> <p>F.H.C. FIRE HOSE CABINET</p> <p>F.H. FIRE HYDRANT</p> <p>F.H.R. FIRE HOSE RACK</p> <p>FL. FLOOR</p> <p>F.O. FLOOR OUTLET</p> <p>F.U. FIXTURE UNITS</p> <p>FUN. DR. FUNNEL DRAIN</p> <p>F.V. FLUSH VALVE FLUSHMETER</p> <p>G.V. GATE VALVE</p> <p>G.W. GREASE WASTE</p> <p>H.C. HUNG CEILING</p> <p>H.R. HOSE RACK</p> <p>INV. INVERT</p> <p>LAV./L. LAVATORY</p>	<p>M.H. MANHOLE</p> <p>M.S. MOP SINK</p> <p>N.I.C. NOT IN CONTRACT</p> <p>O.D. OVERFLOW DRAIN</p> <p>O.P.D. OVERFLOW PLANTER DRAIN</p> <p>O.S.&amp;Y. OUTSIDE SCREW &amp; YOKE</p> <p>P.C. PLUG COCK</p> <p>R. PROPERTY LINE</p> <p>P.D. PLANTER DRAIN</p> <p>P.O. PLUGGED OUTLET</p> <p>R.P.B. REDUCED PRESSURE BACKFLOW PREVENTER</p> <p>R.A. ROOF AREA</p> <p>R.D. ROOF DRAIN</p> <p>R.T. RUNNING TRAP</p> <p>R.C.V. RISER CONTROL VALVE</p> <p>S. SOIL PIPING</p> <p>S.P.O. SOIL PLUGGED OUTLET</p> <p>S.H. SHOWER HEAD</p> <p>S.H.-SHWR. SHOWER</p> <p>SK. SINK</p> <p>S.S. SERVICE SINK</p> <p>S.E. SEWAGE EJECTOR</p> <p>T.A. TOTAL AREA</p> <p>T.D. TERRACE DRAIN</p> <p>T.E. TERRACE ELEVATION</p> <p>TMV. THERMOSTATIC MIXING VALVE</p> <p>T.S. TAMPER SWITCH</p> <p>UR. URINAL</p> <p>U.A.S.W. UNDER ANOTHER SECTION OF THE WORK</p> <p>U.O.N. UNLESS OTHERWISE NOTED</p> <p>VAL. O. VALVED OUTLET</p> <p>V.O. VALVED OUTLET</p> <p>V.T.R. VENT THRU ROOF</p> <p>V.P.O. VENT PLUGGED OUTLET</p> <p>V. VENT</p> <p>W.A. WALL AREA</p> <p>W/D. WASHER/DRYER</p> <p>W.C. WATER CLOSET</p> <p>W/SAN. WASTE</p> <p>C.M. COFFEE MAKER</p> <p>I.M. ICE MAKER</p> <p>EWC. ELECTRIC WATER COOLER</p>
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**STACK & RISER SYMBOLS**

--- SOL. WASTE & VENT STACKS & WATER RISERS

--- STORM LEADER

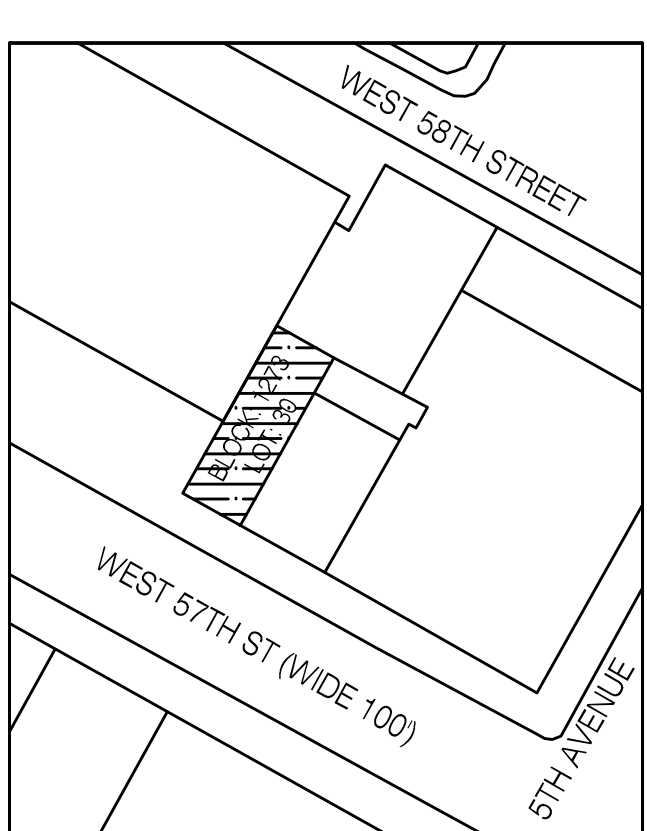
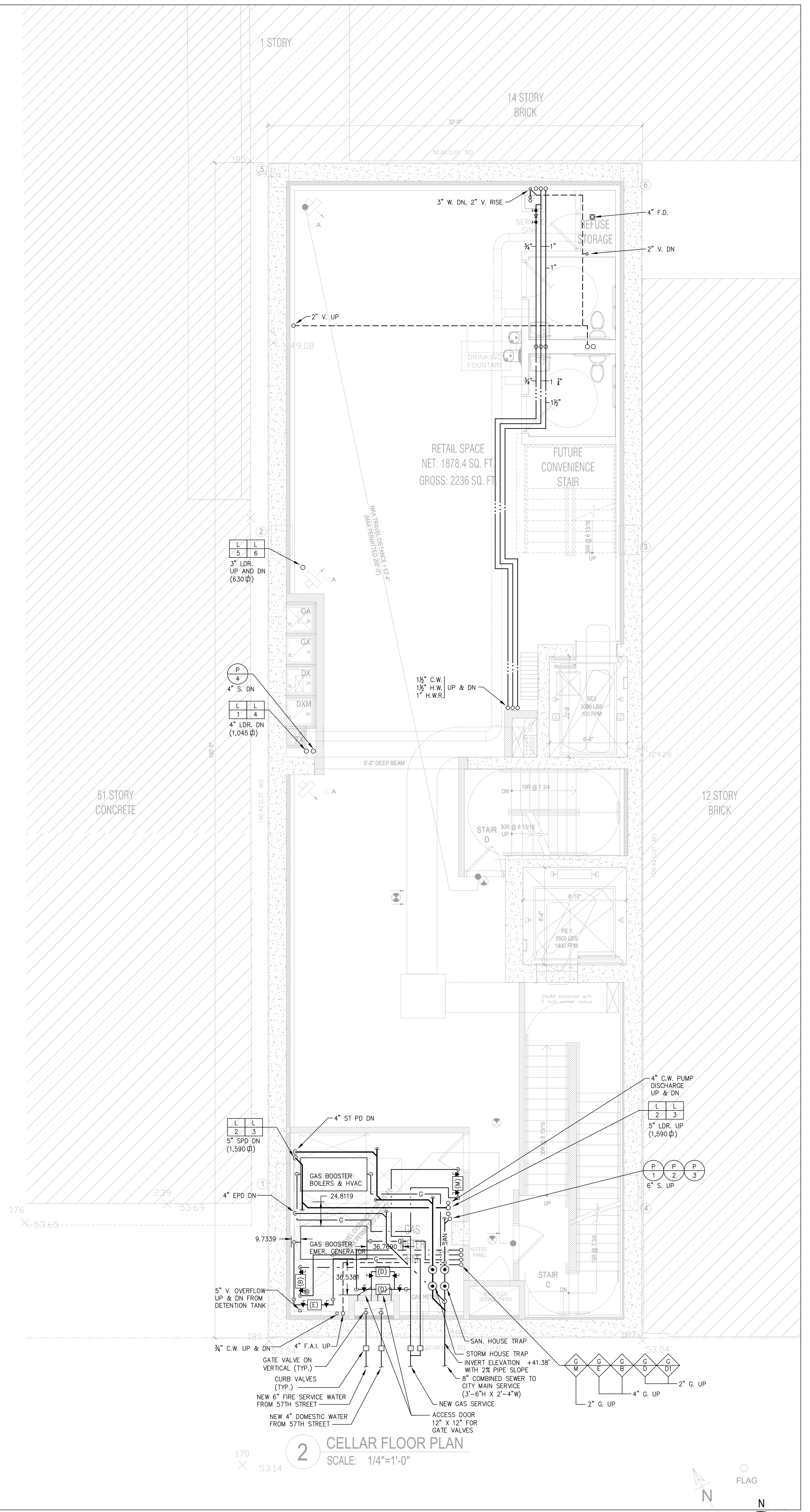
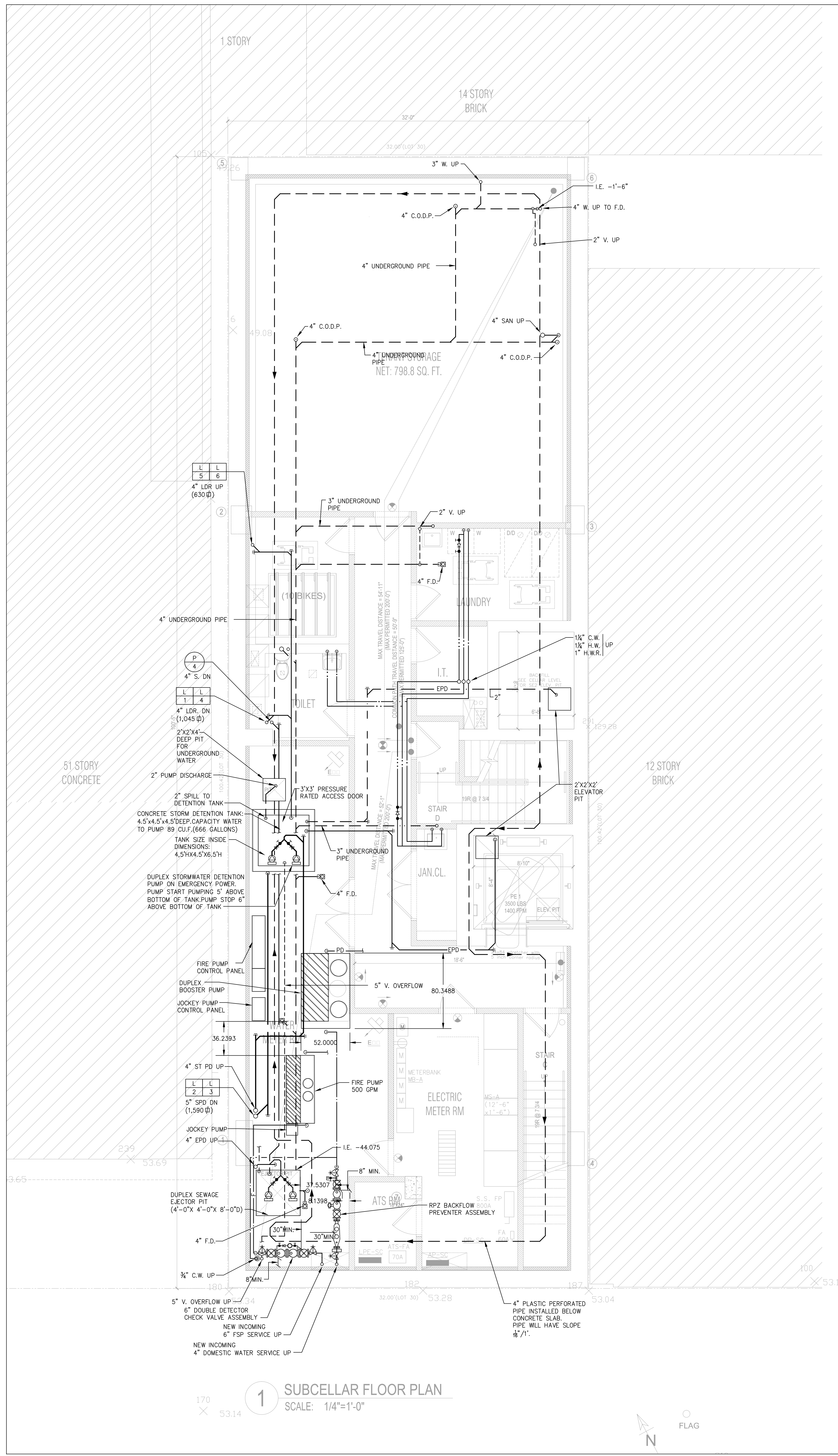
--- GAS RISER

--- CONNECT TO EXISTING

**PLUMBING DRAWING LIST**

DRAWING NUMBER	DRAWING NAME	SCALE	DRAWING NUMBER
P-001.00	PLUMBING SYMBOLS, NOTES AND DRAWING LIST	NO SCALE	
P-101.00	PLUMBING SUB-CELLAR AND CELLAR PLAN	1/4"=1'-0"	
P-102.00	PLUMBING 1ST-2ND FLOORS PLAN	1/4"=1'-0"	
P-103.00	PLUMBING 3RD FLOOR PLAN	1/4"=1'-0"	
P-104.00	PLUMBING 4TH-11TH FLOORS PLAN	1/4"=1'-0"	
P-105.00	PLUMBING 12TH-17TH FLOORS PLAN	1/4"=1'-0"	
P-106.00	PLUMBING 18TH-19TH FLOORS PLAN	1/4"=1'-0"	
P-107.00	PLUMBING MAIN ROOF	1/4"=1'-0"	
P-108.00	PLUMBING BULKHEAD ROOF	1/4"=1'-0"	
P-301.00	PLUMBING DOMESTIC WATER RISER DIAGRAM	NO SCALE	
P-302.00	PLUMBING SANITARY AND VENT RISER DIAGRAM	NO SCALE	
P-303.00	PLUMBING STORM RISER DIAGRAM	NO SCALE	
P-304.00	PLUMBING GAS RISER DIAGRAM	NO SCALE	
P-401.00	PLUMBING SCHEDULE	NO SCALE	
P-501.00	PLUMBING DETAILS #1	NO SCALE	
P-502.00	PLUMBING DETAILS #2	NO SCALE	

FILE NAME: I:\1602\_6\1602\_6\_P-001.00 (CON) 212191441



### KEY PLAN

**NOTES:**

Number	Date	Revision
8	05/12/2017	DOB SUBMISSION FOUNDATION
7	03/28/2017	100% CD SUBMISSION
6	04/15/2017	90% CD SUBMISSION
5	03/17/2017	80% CD SUBMISSION
4	03/03/2017	DOB SUBMISSION
3	02/17/2017	ISSUED AS PER ENERGY COMMENTS
2	02/17/2017	60% CD SUBMISSION (NOT FOR BLD)
1	12/22/2016	ISSUED FOR FILING

Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57 SOLO REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019**

Architect: **HILL | WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212.213.8007**

Interior Designer: **Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007**

Structural Engineer: **WSP | PARSONS BRINCKERHOFF ONE FED PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888**

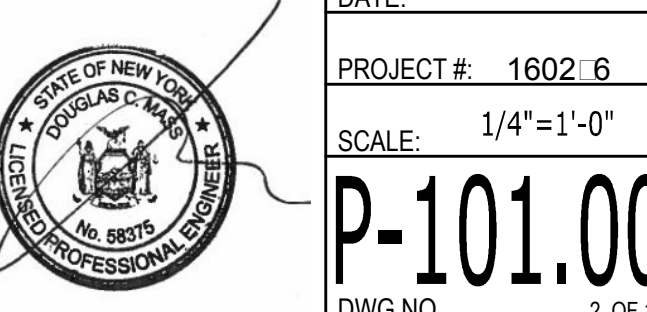
MEP/ELECTRICAL ENGINEER: **COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600**

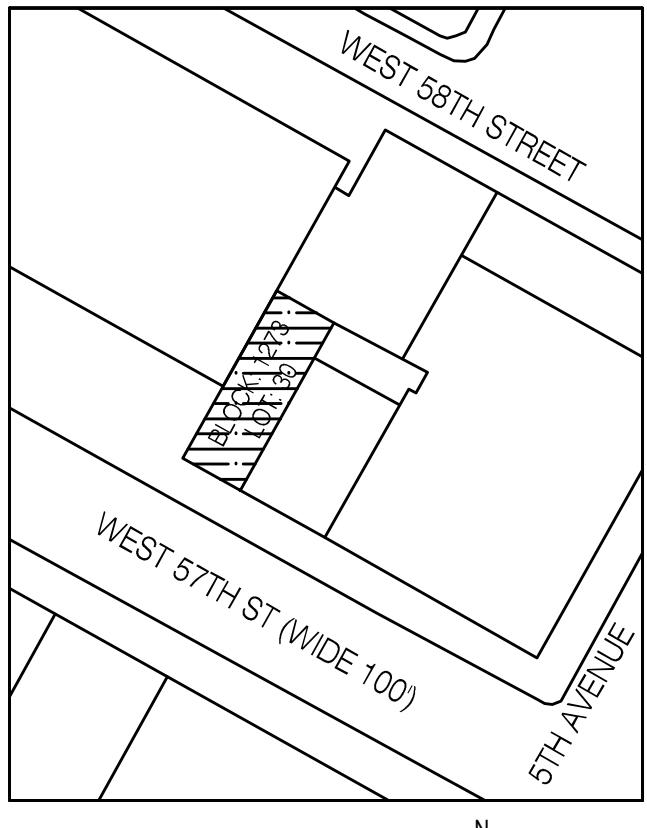
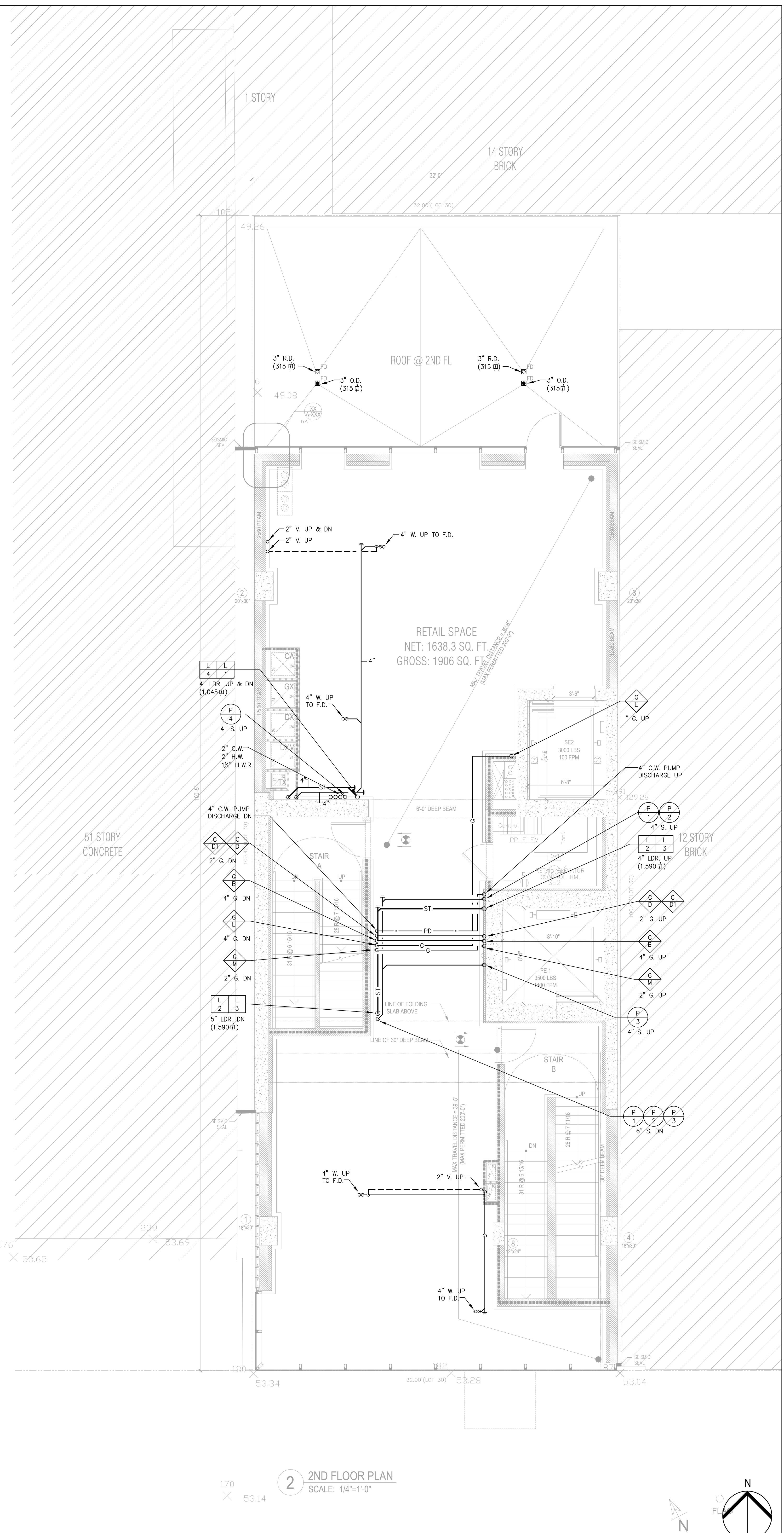
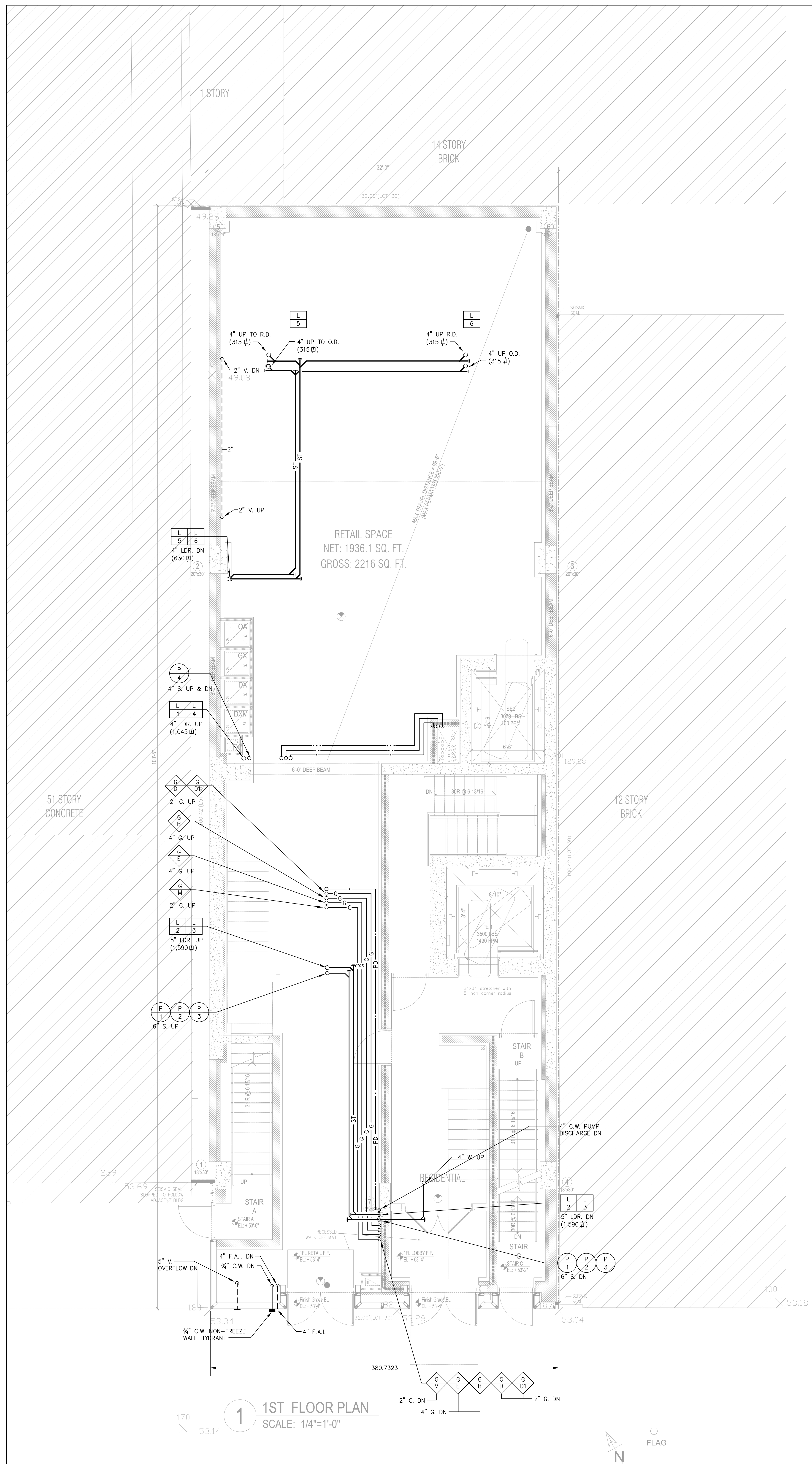
Building Envelope Consultant: **VIDARIS 380 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389**

DOB STAMPS & SIGNATURES:

### DWG TITLE: PLUMBING SUBCELLAR - CELLAR PLAN

DATE: PROJECT # 1602\_6 SCALE: 1/4"=1'-0" DWG NO. **P-101.00** 2 OF 16





NOTES:

Number:	Date:	Revision:
8	05/31/2017	DOB SUBMISSION FOUNDATION
7	05/26/2017	100% CD SUBMISSION
6	04/19/2017	90% CD SUBMISSION
5	03/17/2017	80% CD SUBMISSION
4	03/03/2017	DOB SUBMISSION
3	02/17/2017	ISSUED AS PER ENERGY COMMENTS
2	02/17/2017	60% CD SUBMISSION (NOT FOR BIDDING)
1	12/22/2016	ISSUED FOR FILING

Project: 7 WEST 57TH STREET NEW YORK, NY 10019

Client: SOLO9W57  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: HILL WEST ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.913.8867

Interior Designer: Whitehall INTERIORS  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer: WSP | PARSONS BRINCKERHOFF  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MERFPF Engineer: COSENTINI ASSOCIATES  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

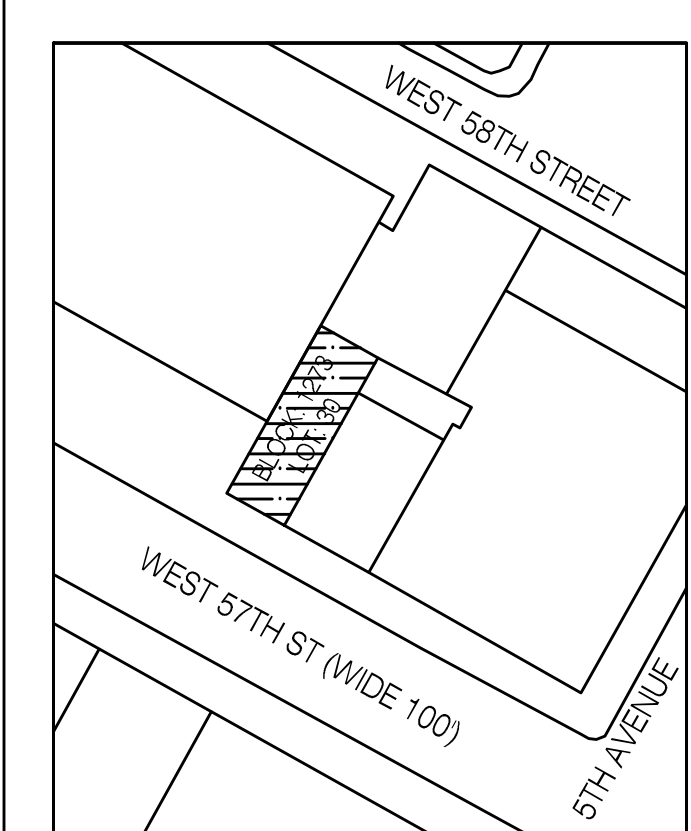
Building Envelope Consultant: VDIRIS  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE: PLUMBING 1ST-2ND FLOORS PLAN

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DATE: PROJECT # 1602.6 SCALE: 1/4"=1'-0" P-102.00 DWG NO. 3 OF 16



**KEY PLAN**

**NOTES:**

Number	Date	Revision
8	05/12/2017	DOB SUBMISSION FOUNDATION
7	06/26/2017	100% CD SUBMISSION
6	04/19/2017	90% CD SUBMISSION
5	03/17/2017	80% CD SUBMISSION
4	03/03/2017	DOB SUBMISSION
3	02/17/2017	ISSUED AS PER ENERGY COMMENTS
2	02/17/2017	60% CD SUBMISSION (NOT FOR BLD)
1	12/22/2016	ISSUED FOR FILING

Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLOW57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect: **HILL | WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212-213-8807

Interior Designer: **Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

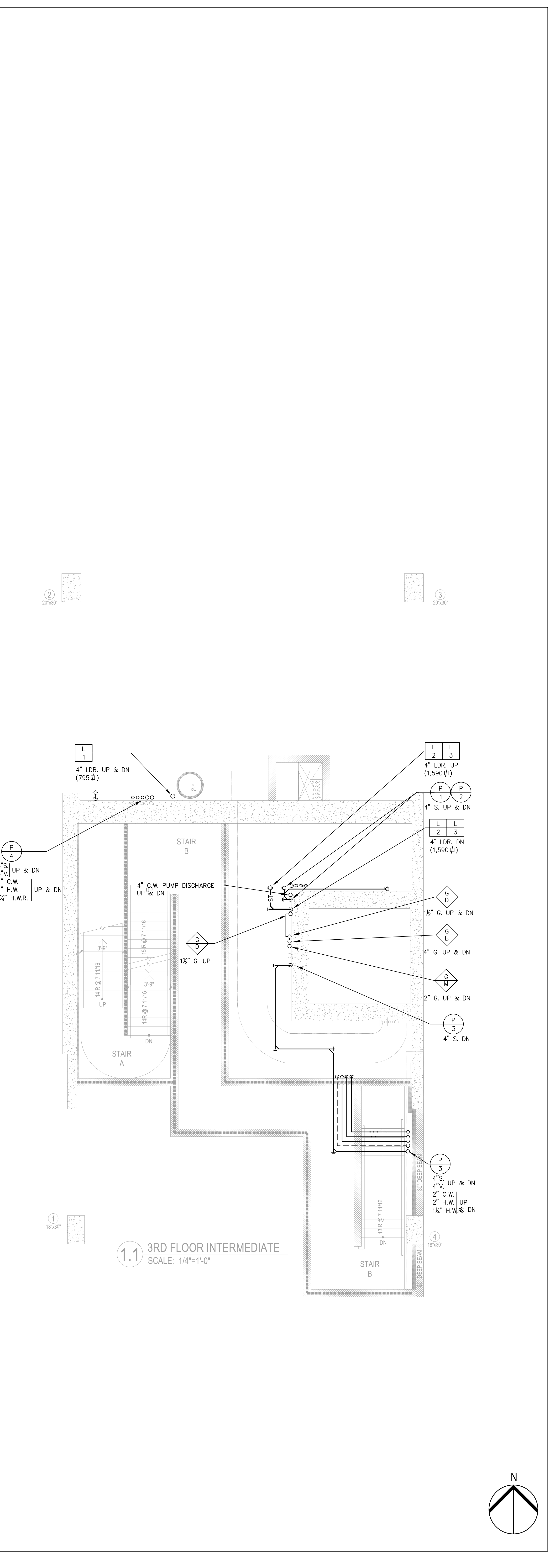
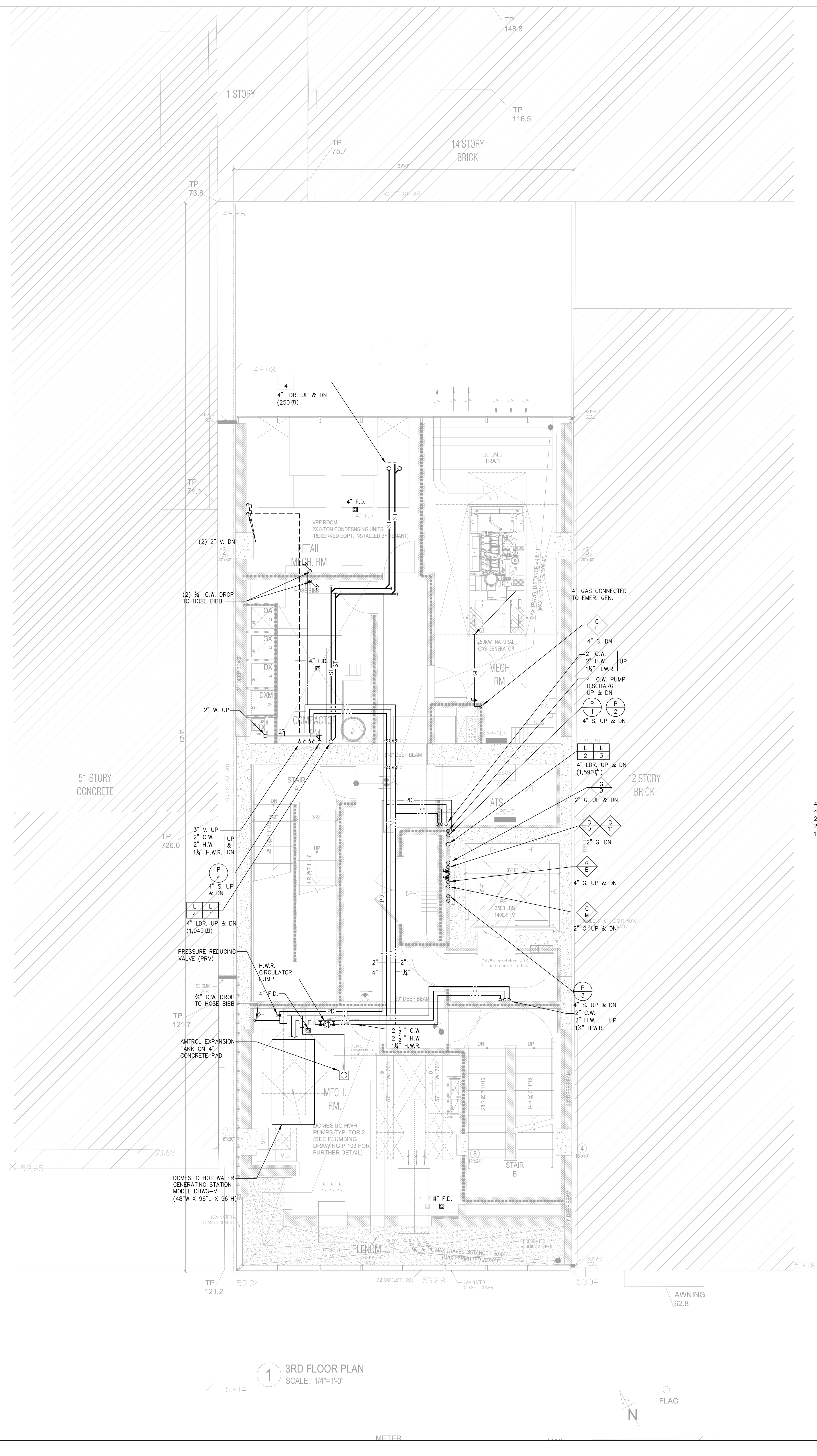
MEP/FE Engineer: **COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant: **VDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK, NY 10010  
 212-689-5389

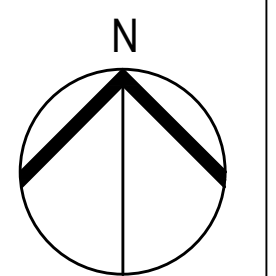
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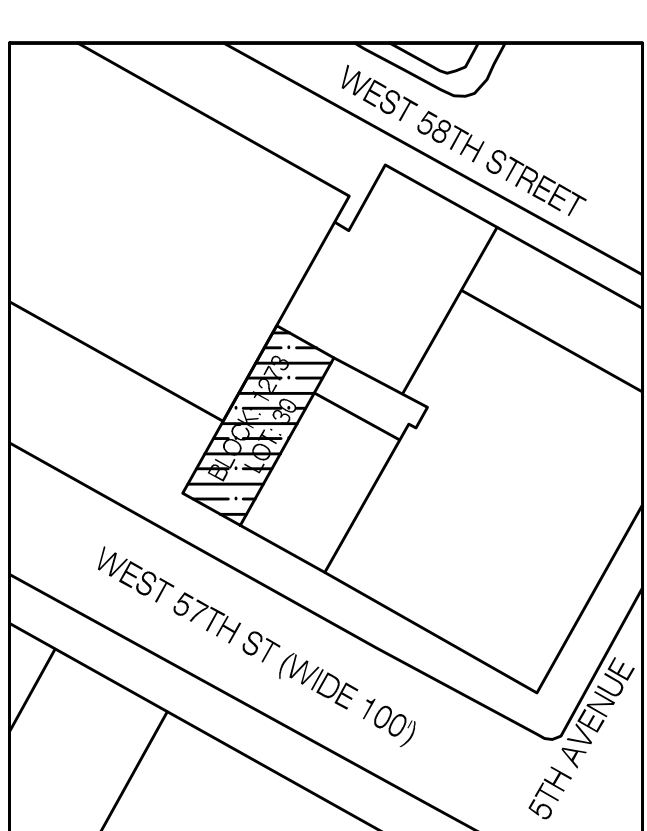
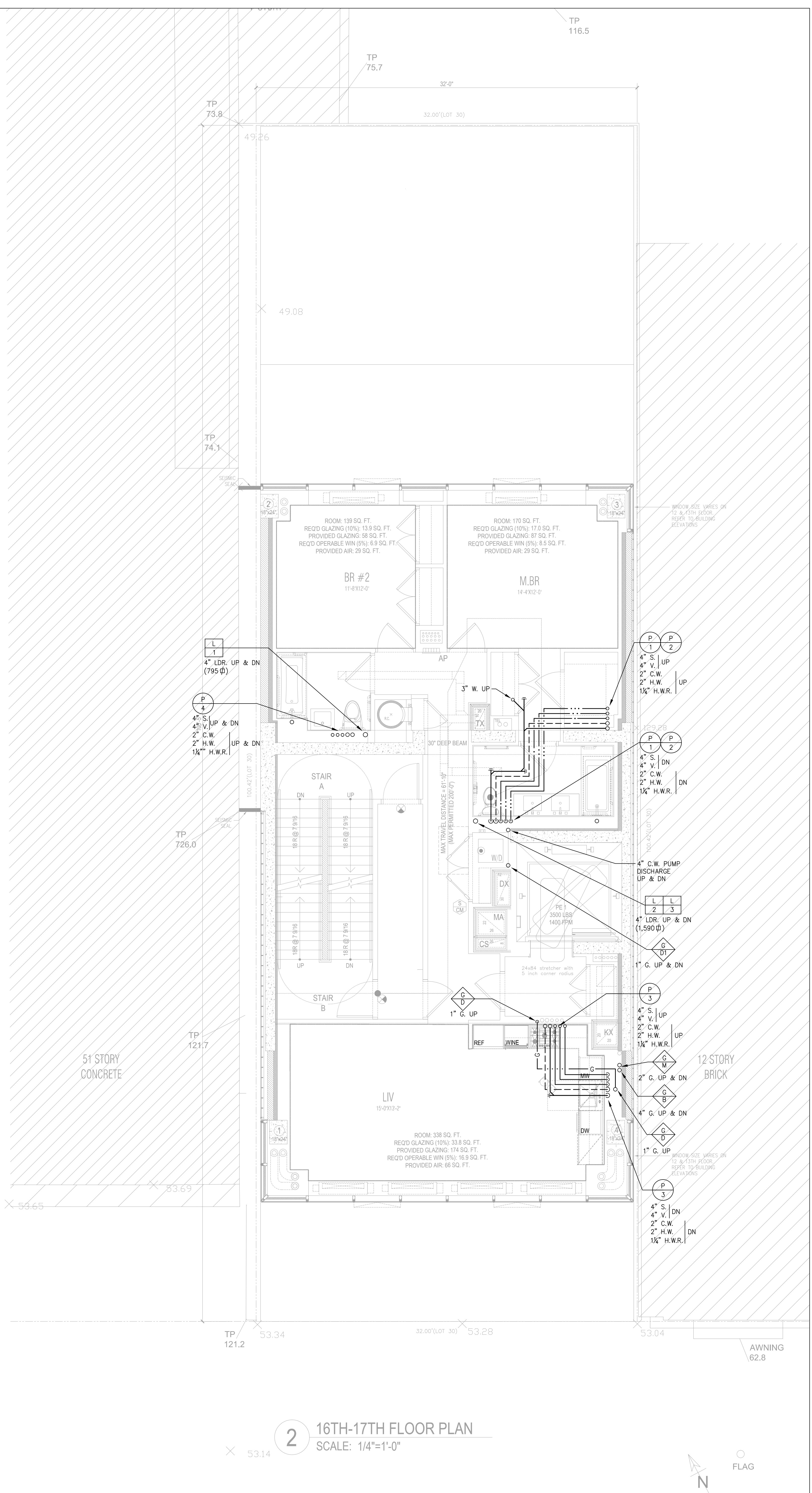
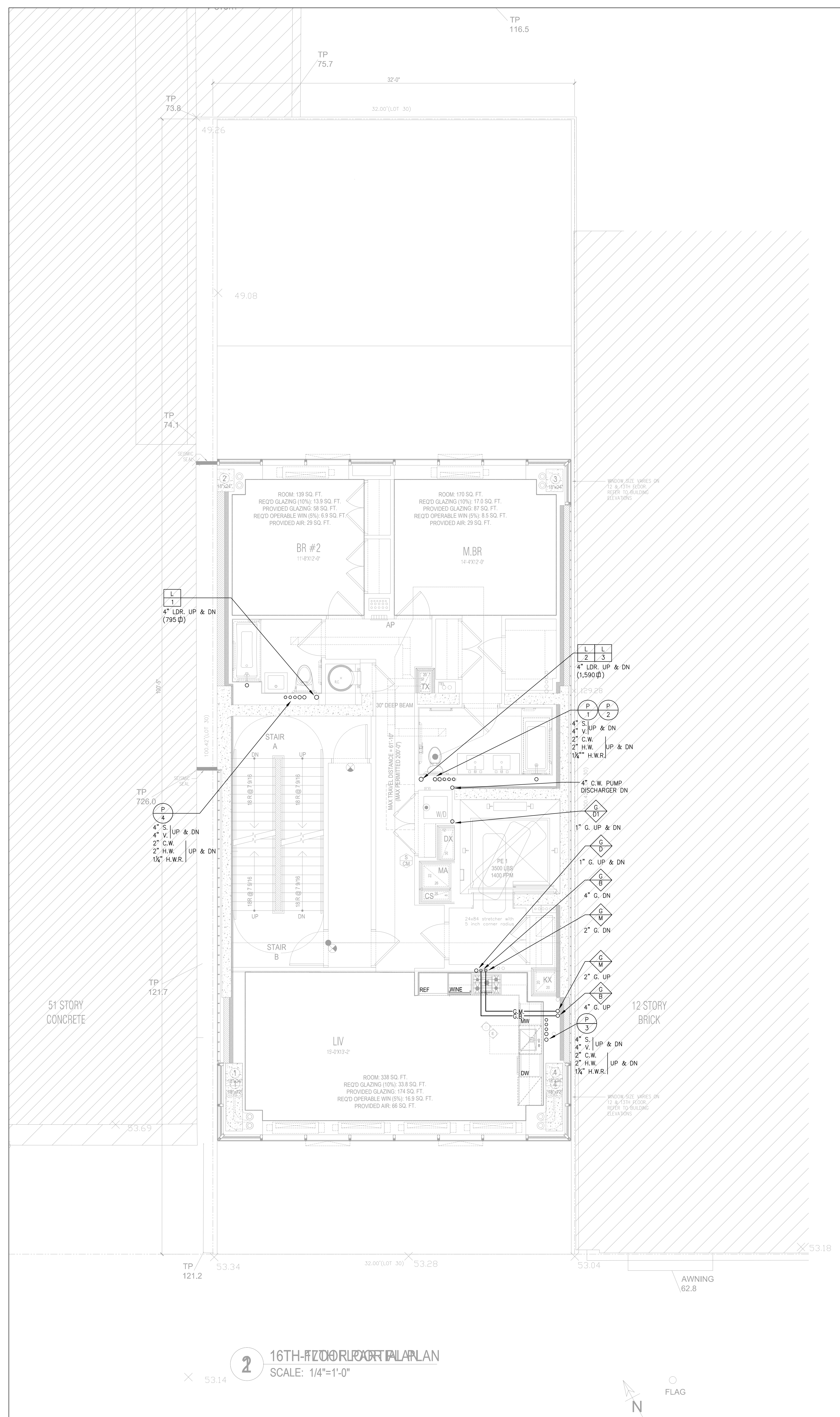
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**1 3RD FLOOR PLAN**  
 SCALE: 1/4"=1'-0"







KEY PLAN

NOTES:

Number:	Date:	Revision:
8	06/12/2017	DOB SUBMISSION FOUNDATION
7	05/26/2017	100% CD SUBMISSION
6	04/19/2017	90% CD SUBMISSION
5	03/17/2017	80% CD SUBMISSION
4	03/03/2017	DOB SUBMISSION
3	02/17/2017	ISSUED AS PER ENERGY COMMENTS
2	02/17/2017	60% CD SUBMISSION (NOT FOR BLD)
1	12/22/2016	ISSUED FOR FILING

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
SOLO9W57  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
HILL | WEST  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
Whitehall INTERIORS  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
WSP | PARSONS BRINCKERHOFF  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/Electrical Engineer:  
COSENTINI ASSOCIATES  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

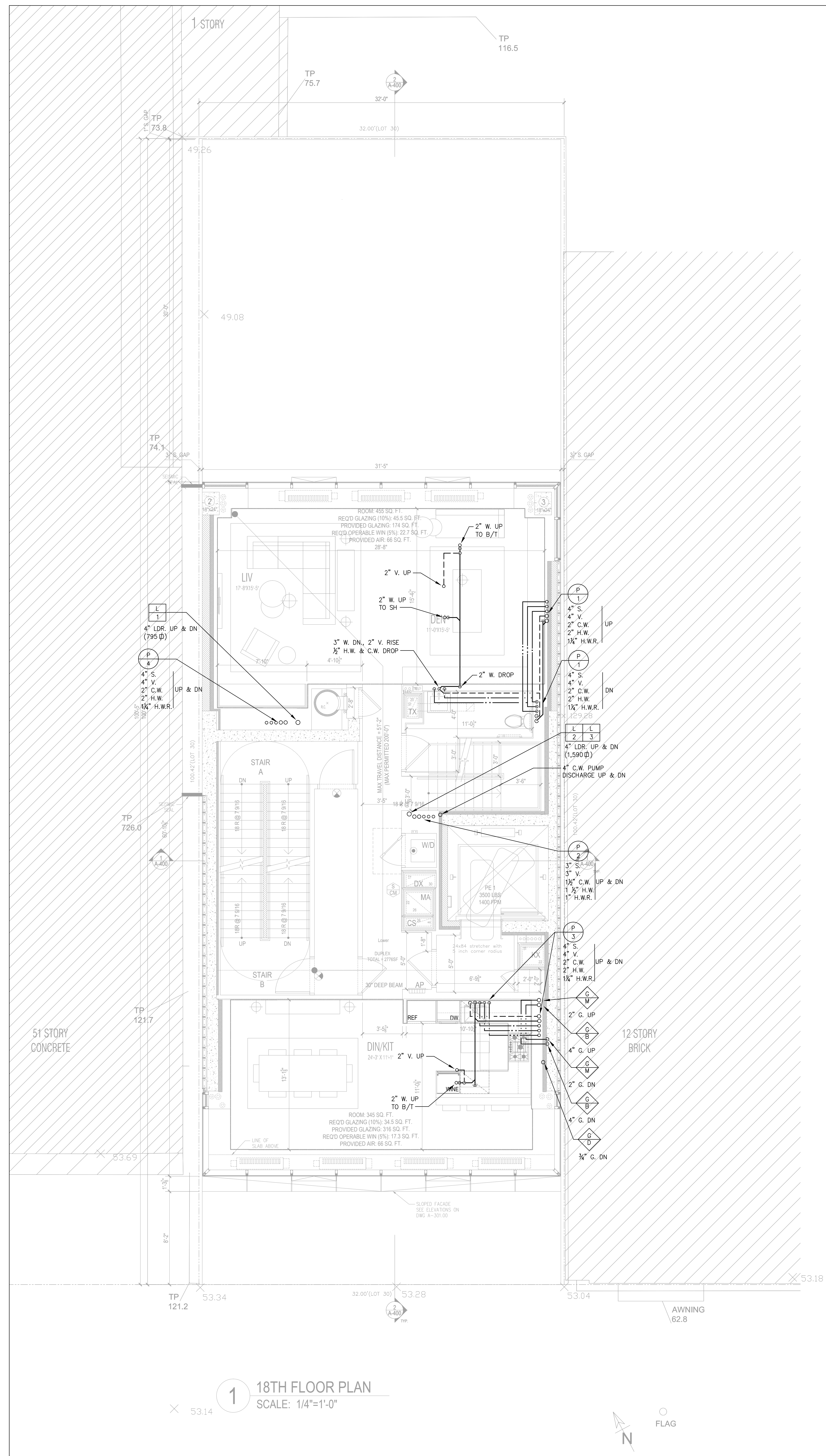
Building Envelope Consultant:  
V.DARIS  
300 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

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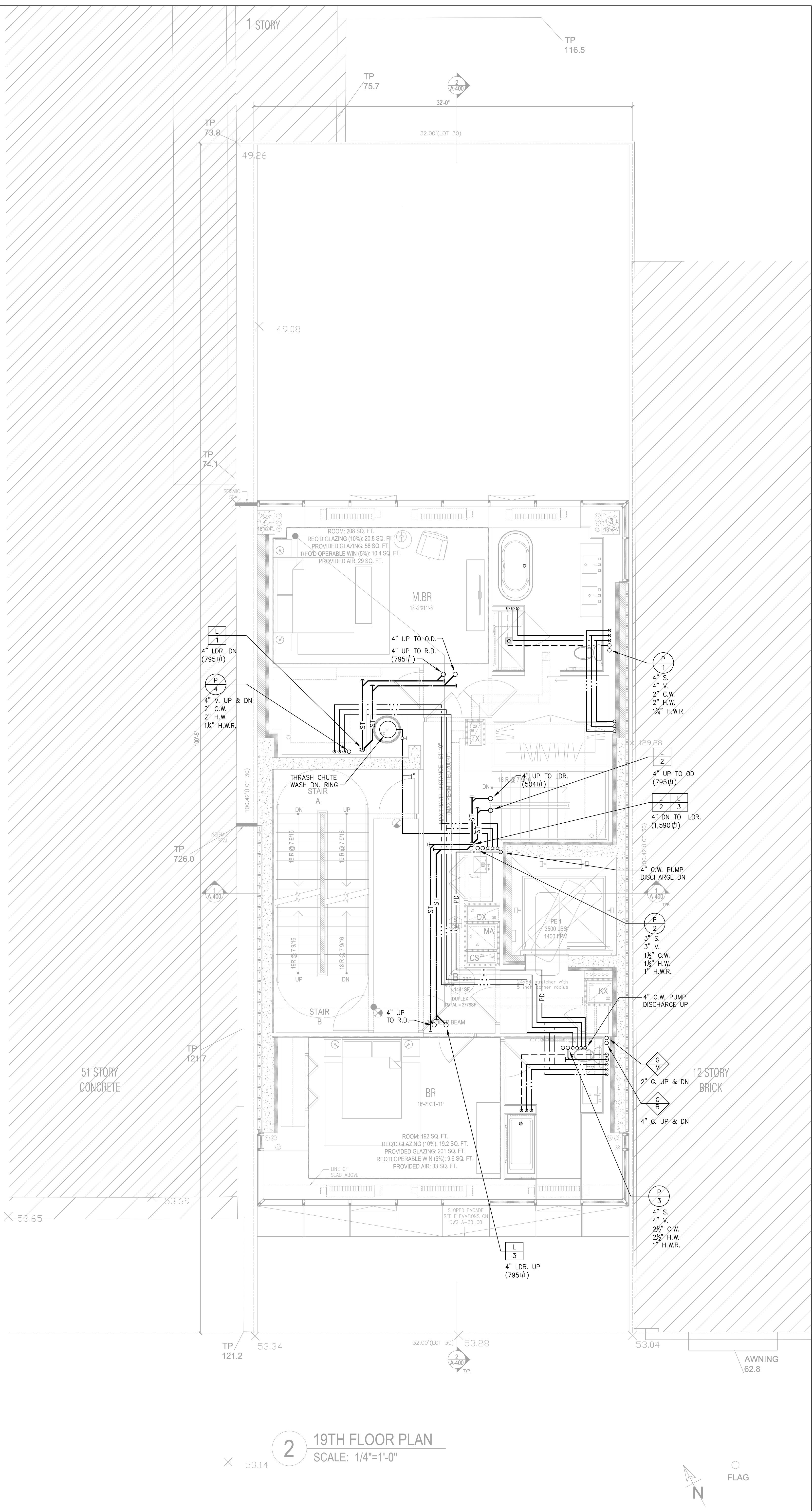
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6 OF 16

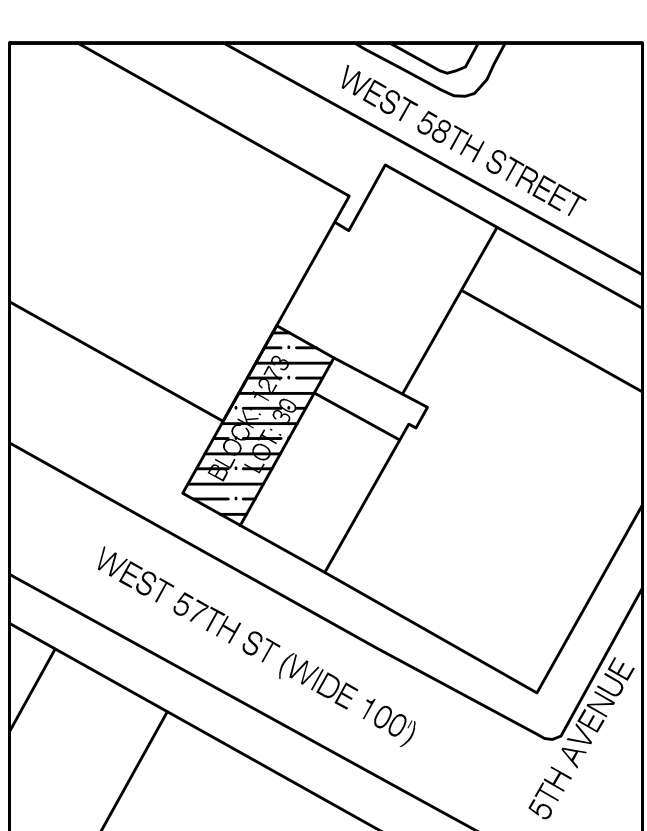




1 18TH FLOOR PLAN  
SCALE: 1/4"=1'-0"



2 19TH FLOOR PLAN  
SCALE: 1/4"=1'-0"



KEY PLAN

NOTES:

Number:	Date:	Revision:
8	05/21/2017	DOB SUBMISSION FOUNDATION
7	05/26/2017	100% CD SUBMISSION
6	04/19/2017	90% CD SUBMISSION
5	03/17/2017	80% CD SUBMISSION
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2	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
1	12/22/2016	ISSUED FOR FILING

Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: **HILL | WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer: **Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
ONE PEN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer: **COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant: **VIDARIS**  
380 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
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18TH-19TH FLOORS PLAN**

SEAL & SIGNATURE: [Signature Line]

DATE: [Blank]

PROJECT #: 1602-6

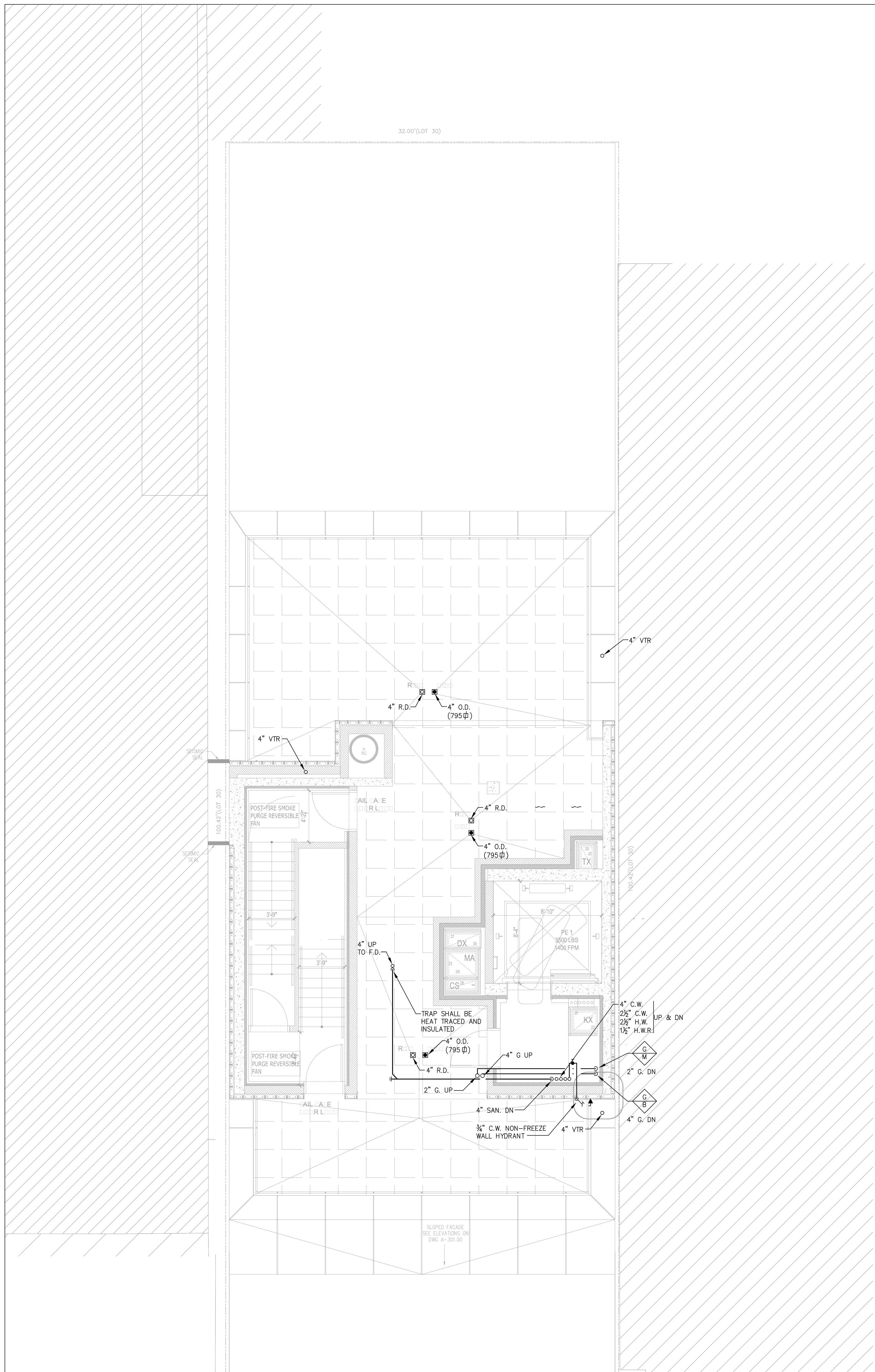
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**P-106.00**

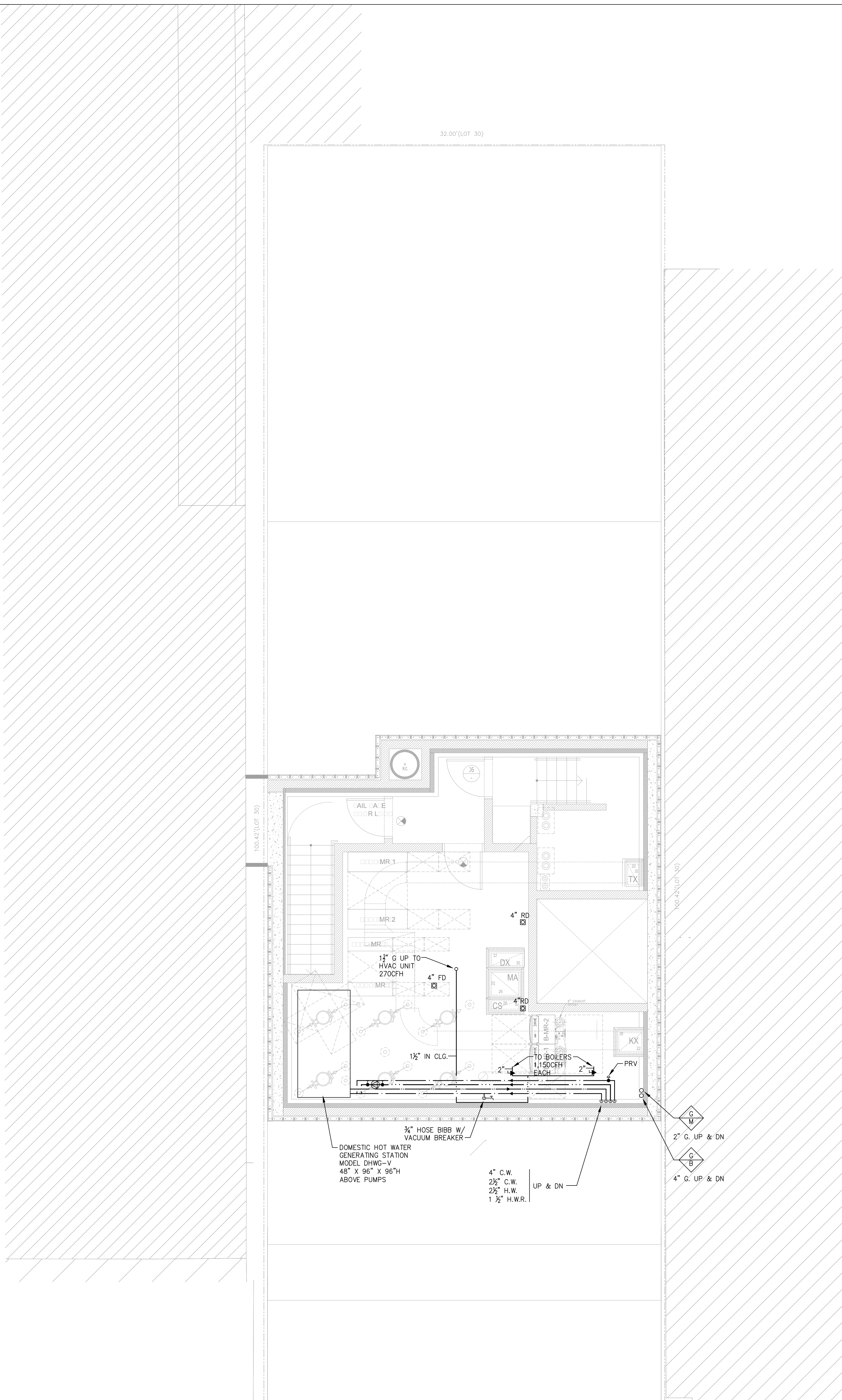
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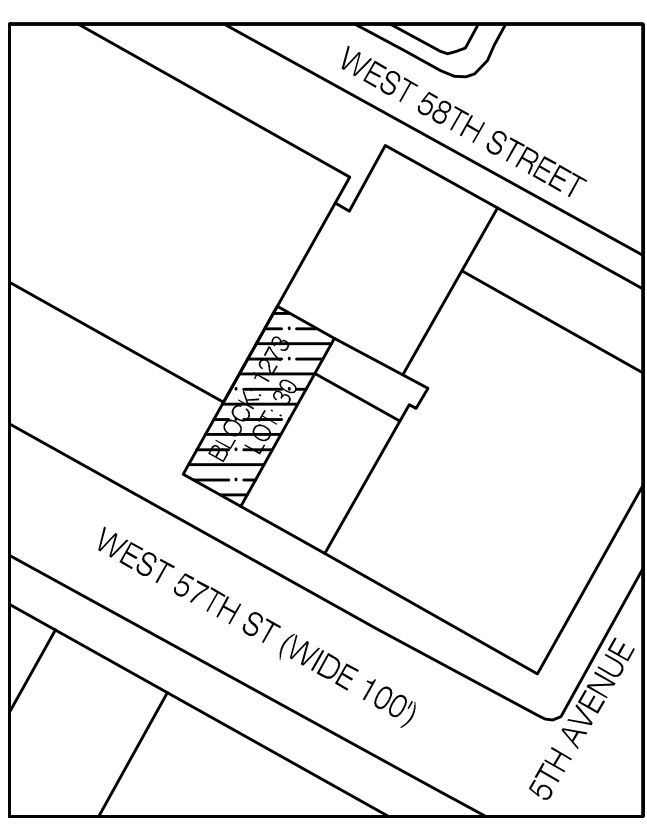
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1 ROOF PLAN  
SCALE: 1/4"=1'-0"



2 MID ROOF PLAN  
SCALE: 1/4"=1'-0"



KEY PLAN

NOTES:

Number:	Date:	Revision:
8	10/12/2017	DOB SUBMISSION FOUNDATION
7	09/29/2017	100% CD SUBMISSION
6	04/19/2017	90% CD SUBMISSION
5	03/17/2017	80% CD SUBMISSION
4	03/03/2017	DOB SUBMISSION
3	02/17/2017	ISSUED AS PER ENERGY COMMENTS
2	02/17/2017	60% CD SUBMISSION (NOT FOR BLD)
1	12/22/2016	ISSUED FOR FILING

Project:  
7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212 213 8907

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

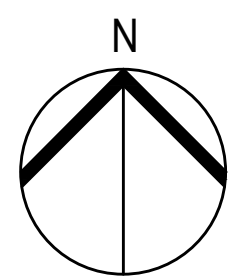
MEP/FIF Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

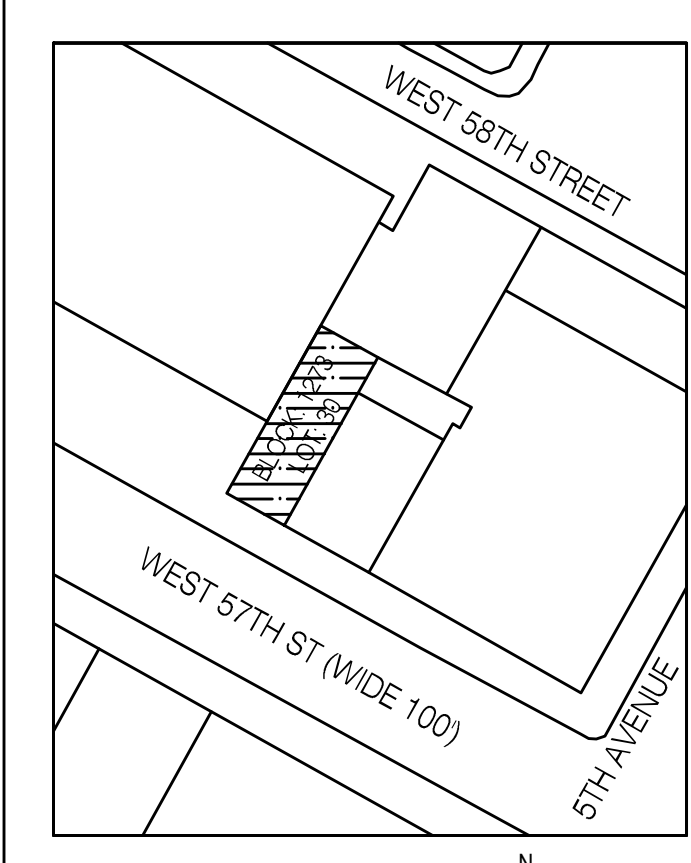
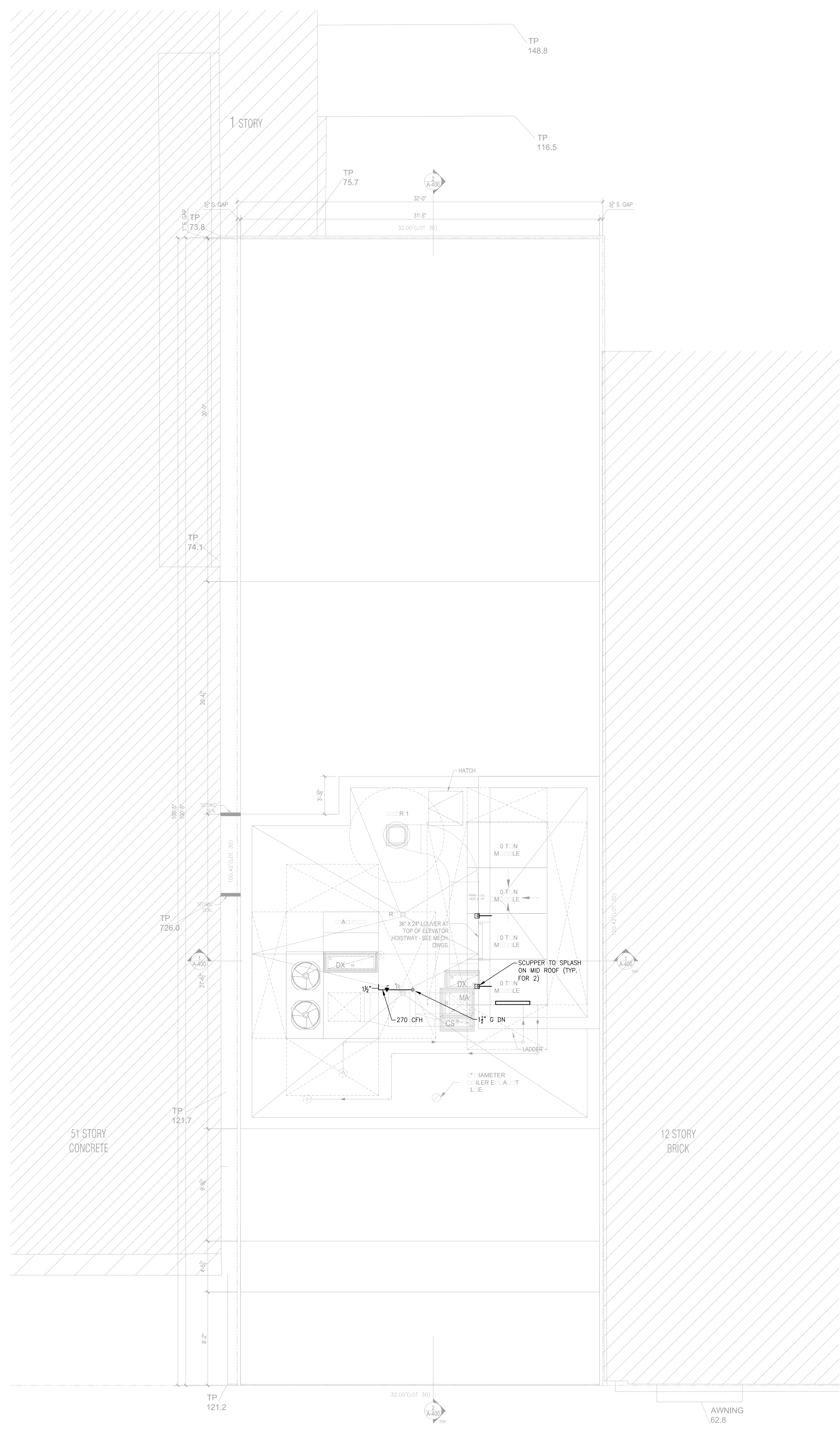
Building Envelope Consultant:  
**VIDARIS**  
300 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**PLUMBING  
ROOF PLAN**

SEAL & SIGNATURE:  
DATE: 1602\_6  
PROJECT # 1602\_6  
SCALE: 1/4"=1'-0"  
**P-107.00**  
DWG NO. 8 OF 16





**KEY PLAN**

**NOTES:**

Table with 2 columns: Number, Date, Revision. Contains 9 rows of revision history.

Table with 2 columns: Number, Date, Revision. Contains 9 rows of revision history.

Project:  
**7**  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

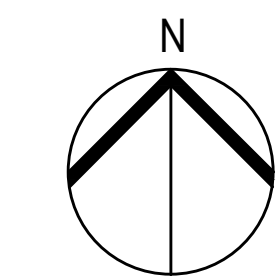
MEP/EFF Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
300 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**PLUMBING  
BULKHEAD ROOF**

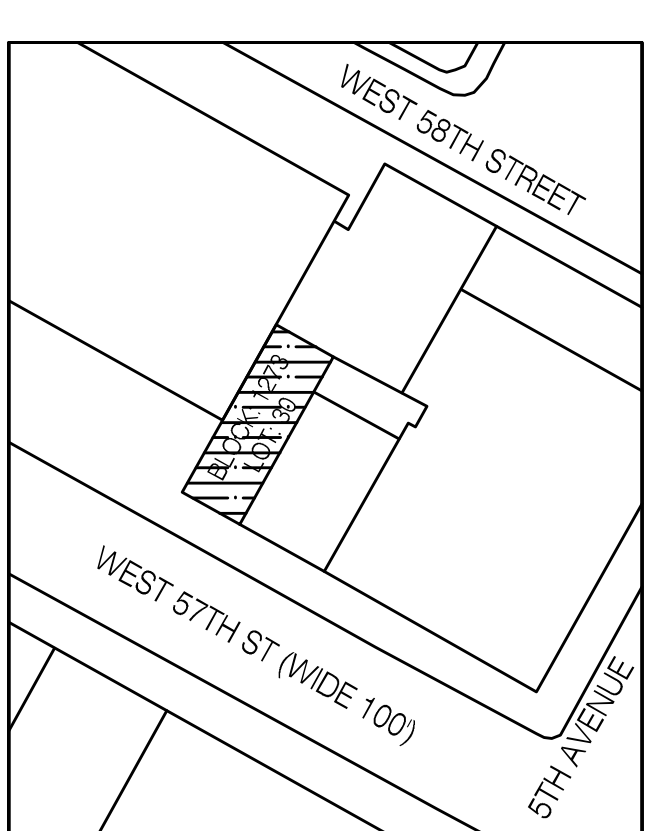
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**KEY PLAN**

**NOTES:**

Number:	Date:	Revision:
10	08/21/2017	DOB SUBMISSION
9	07/25/2017	100% CD SUBMISSION
8	05/03/2017	DOB SUBMISSION FOUNDATION
7	05/26/2017	100% CD SUBMISSION
6	04/19/2017	90% CD SUBMISSION
5	03/17/2017	DOB SUBMISSION
4	03/03/2017	DOB SUBMISSION
3	02/17/2017	ISSUED AS PER ENERGY COMMENTS
2	02/17/2017	60% CD SUBMISSION (NOT FOR BID)
1	12/22/2016	ISSUED FOR FILING

**Project:**  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

**Client:**  
**SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

**Architect:**  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212-213-8007

**Interior Designer:**  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

**Structural Engineer:**  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

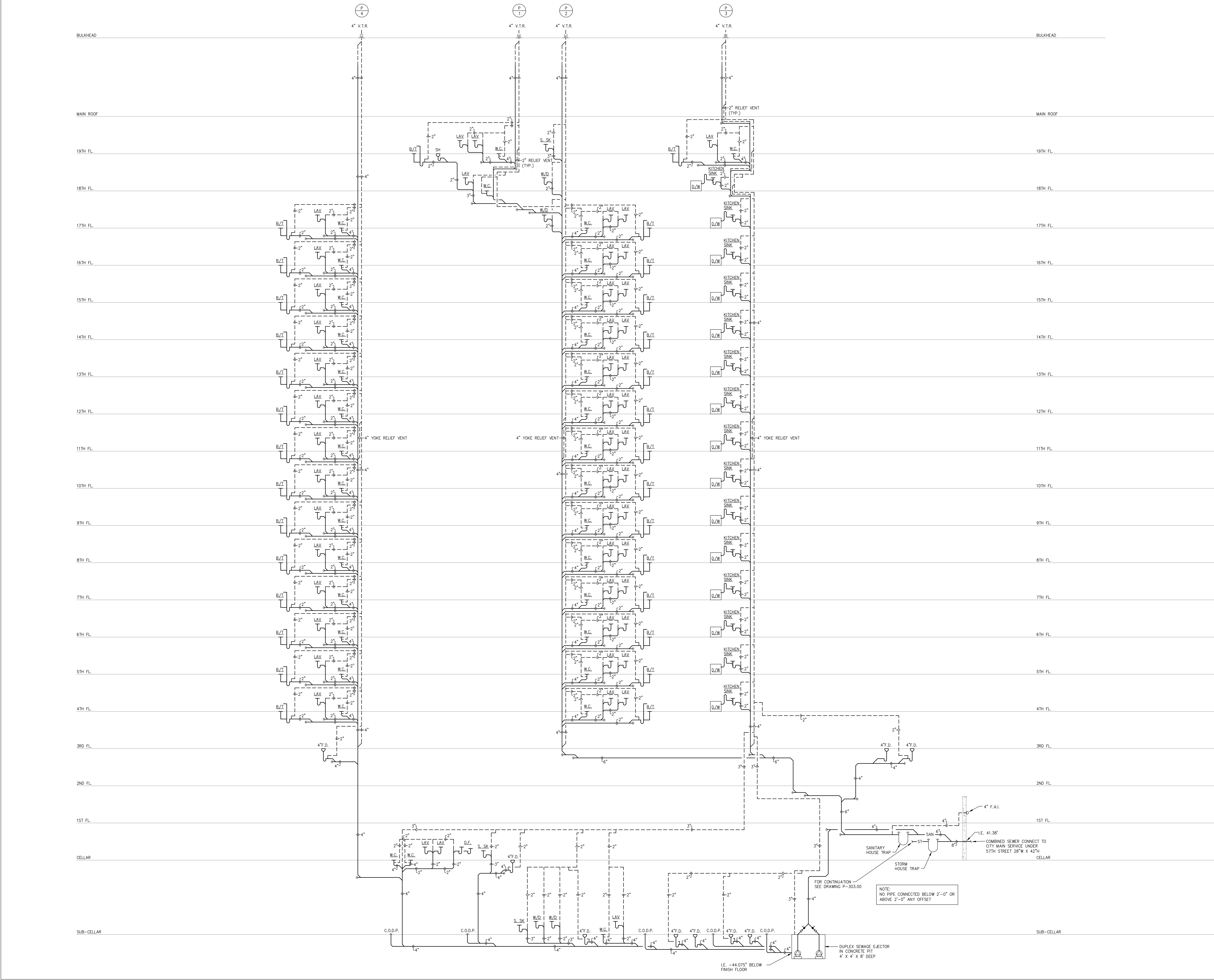
**MEP/FP Engineer:**  
**CESENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

**Building Envelope Consultant:**  
**VIDARIS**  
 300 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

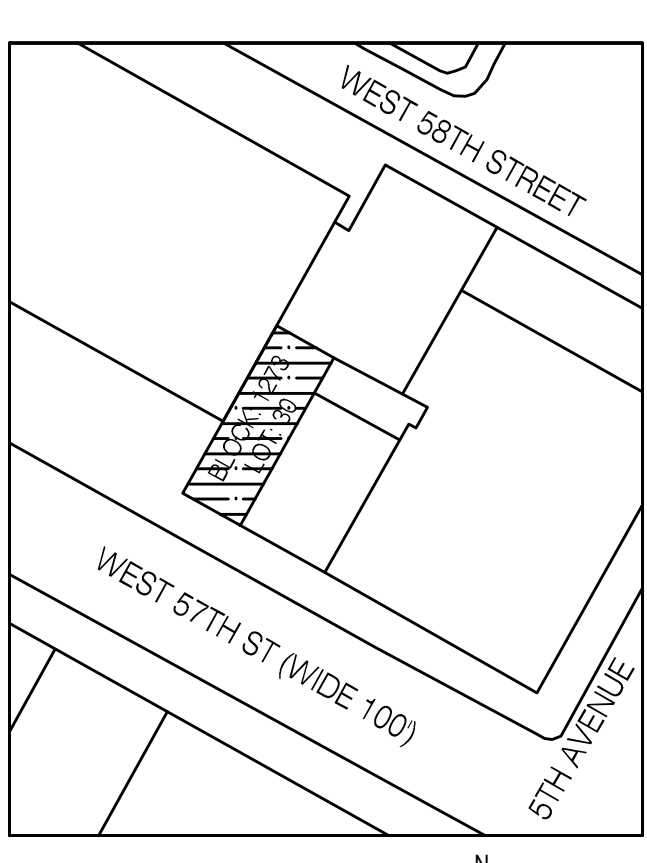
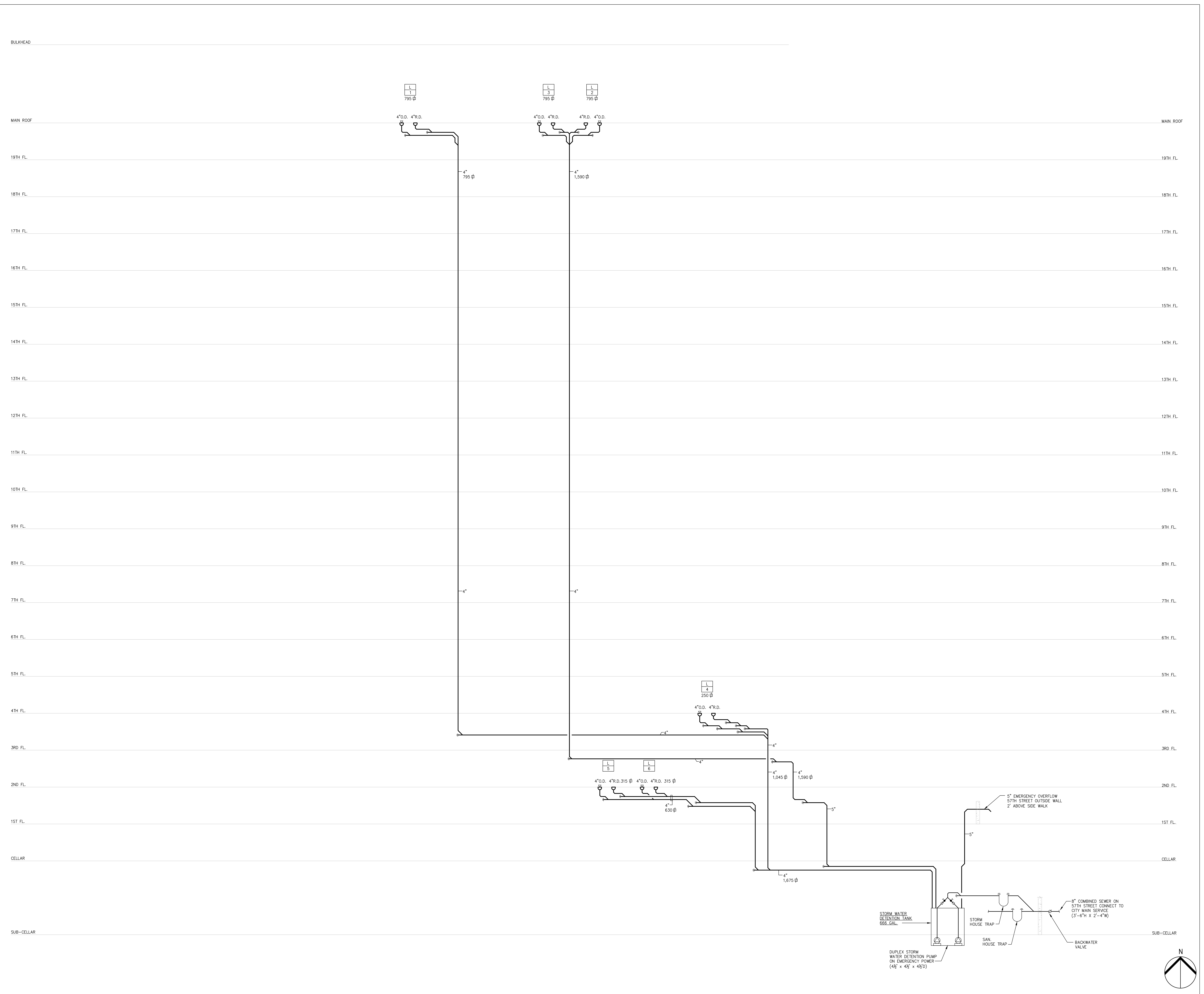
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**DWG TITLE:**  
**PLUMBING**  
**SANITARY RISER DIAGRAM**

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	<b>SCALE:</b>	NONE
	<b>P-302.00</b>	
	DWG NO 10 OF 16	



FILE NAME: 1602\_6\_P-302.00  
 DATE: 10/20/2017 12:20 M  
 LAYOUT: 1602\_6\_P-302.00  
 A.A. NI VI ENTE



KEY PLAN

NOTES:

Number	Date	Revision
8	05/31/2017	DOB SUBMISSION FOUNDATION
7	05/26/2017	100% CD SUBMISSION
6	04/19/2017	90% CD SUBMISSION
5	03/17/2017	80% CD SUBMISSION
4	03/03/2017	DOB SUBMISSION
3	02/17/2017	ISSUED AS PER ENERGY COMMENTS
2	02/17/2017	60% CD SUBMISSION (NOT FOR BIDDING)
1	12/22/2016	ISSUED FOR FILING

Project:  
**7**  
 WEST 57TH STREET  
 NEW YORK, NY 10019

Client:  
**SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

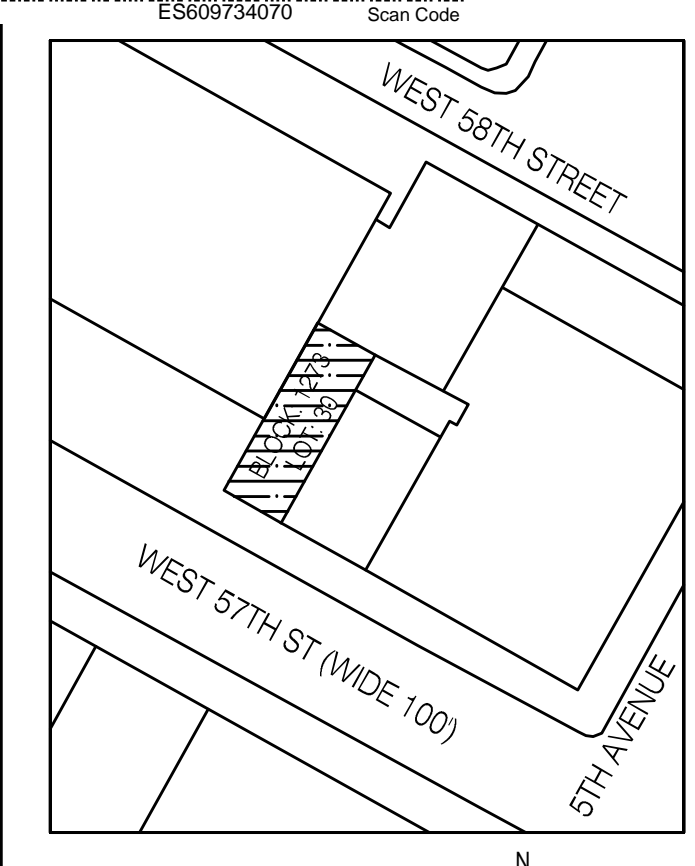
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**PLUMBING  
 STORM RISER DIAGRAM**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 PROJECT # 1602\_6 SCALE: NONE  
  
**P-303.00**  
 DWG NO. 12 OF 16



**KEY PLAN**

**NOTES:**

8	05/31/2017	DOB SUBMISSION FOUNDATION
3	05/29/2017	100% CD SUBMISSION
2	04/19/2017	90% CD SUBMISSION
1	03/17/2017	80% CD SUBMISSION

Number:      Date:      Revision:  
 Project:  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T: 212 213 8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-9888

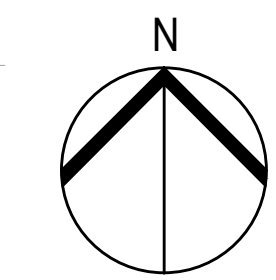
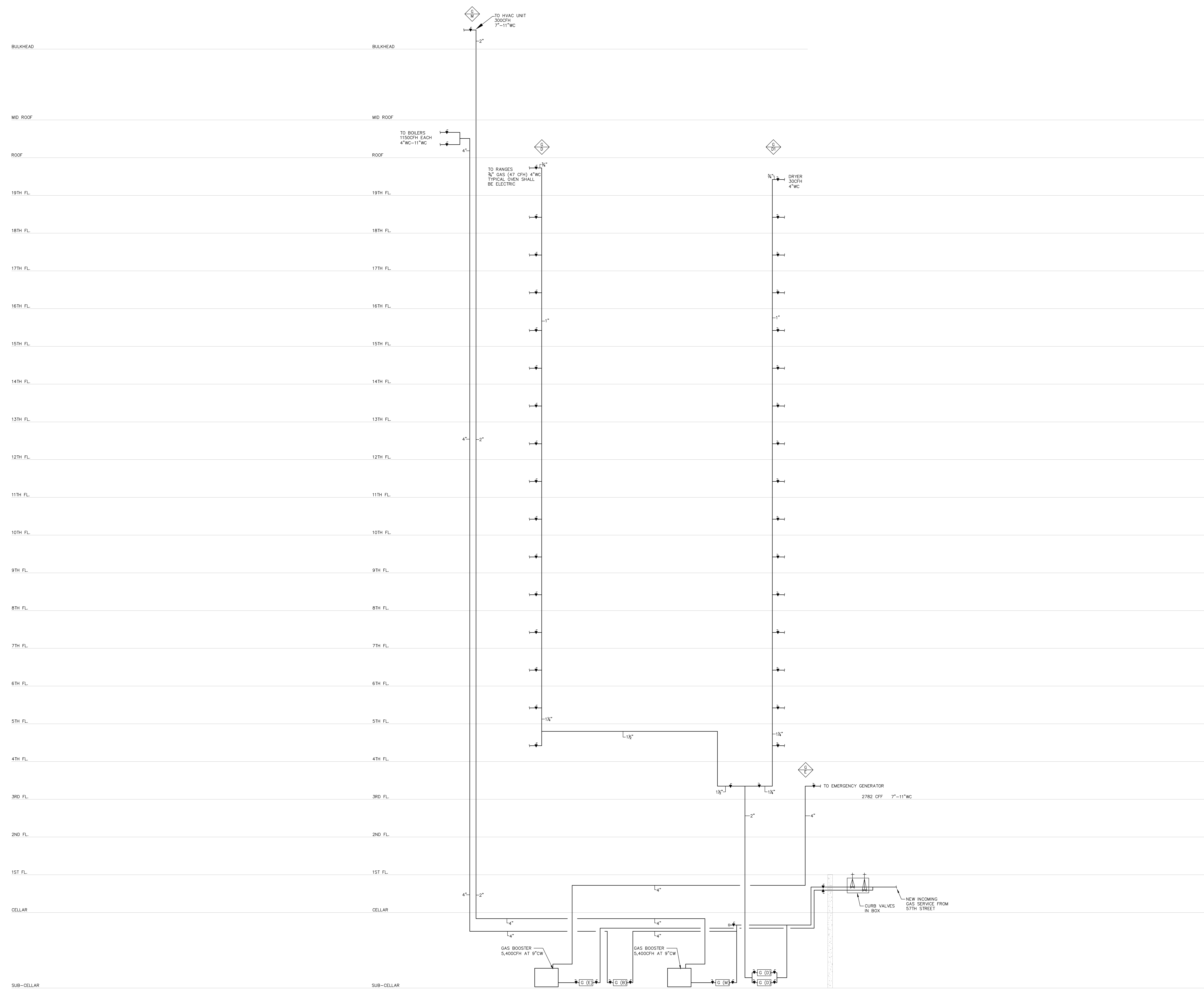
MEP/E Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK, NY 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**PLUMBING**  
**GAS RISER DIAGRAM**

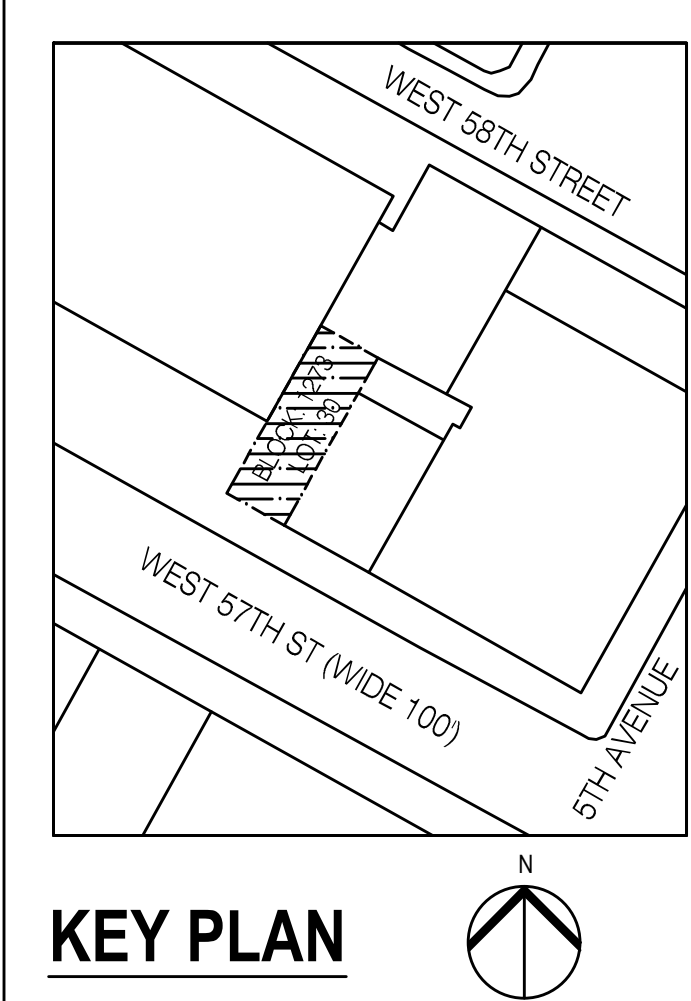
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**P-304.00**  
 DWG NO.  
 160206\_P-304.00 (0) **NB#12191441**



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PLUMBING MATERIAL SCHEDULE table with columns for SYSTEM, PIPE, FITTINGS, and JOINTS. Includes notes on pressure ratings and material approvals.

SPECIALTY EQUIPMENT table with columns for DESIGNATION, SERIES NO., BODY, STRAINER, and REMARKS. Lists various equipment like hose bibs and backwater valves.



NOTES: KEY PLAN

PLUMBING FIXTURE SCHEDULE table with columns for TYPE, FIXTURE, MODEL NO. & SIZE, FLUSH VALVE, SEAT, TRIM, SUPPLIES & TAILPIECES, FLOW CONT'L, TRAP & TRAP NIPPLE, SUPPORTS, and REMARKS.

PLUMBING VALVE SCHEDULE table with columns for TYPE, VALVE SPECIFICATION, and LOCATION. Includes notes on valve specifications and standards.

PUMPS table with columns for PUMP CO, ABBREV., NO. REQUIRED, G.P.M. OR C.F.M., T.D.H., MODEL NO., and various pump specifications.

DRAIN SCHEDULE table with columns for DESIGNATION, SERIES NO., BODY, STRAINER, and REMARKS. Lists various drain types and their specifications.

NOTES: 8 05/12/07 DOB SUBMISSION FOUNDATION... 7 05/26/07 100% CD SUBMISSION... 6 04/19/07 90% CD SUBMISSION... 5 03/12/07 80% CD SUBMISSION... 4 03/03/07 DOB SUBMISSION... 3 02/17/07 ISSUED AS PER ENERGY COMMENTS... 2 02/17/07 60% CD SUBMISSION (NOT FOR BDI)... 1 12/22/06 ISSUED FOR FILING

Number: Date: Revision: Project: 7 WEST 57TH STREET NEW YORK, NY 10019

Client: SOLO9W57 SOLO REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 4TH FLOOR NEW YORK, NY 10019

Architect: HILL WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212 213 8807

Interior Designer: Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007

Structural Engineer: WSP | PARSONS BRINCKERHOFF ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888

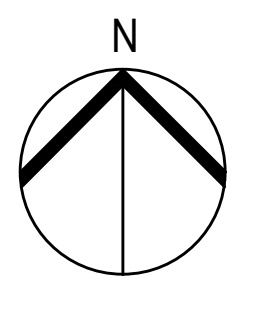
MEP/FP Engineer: COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600

Building Envelope Consultant: VDAVIS 380 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389

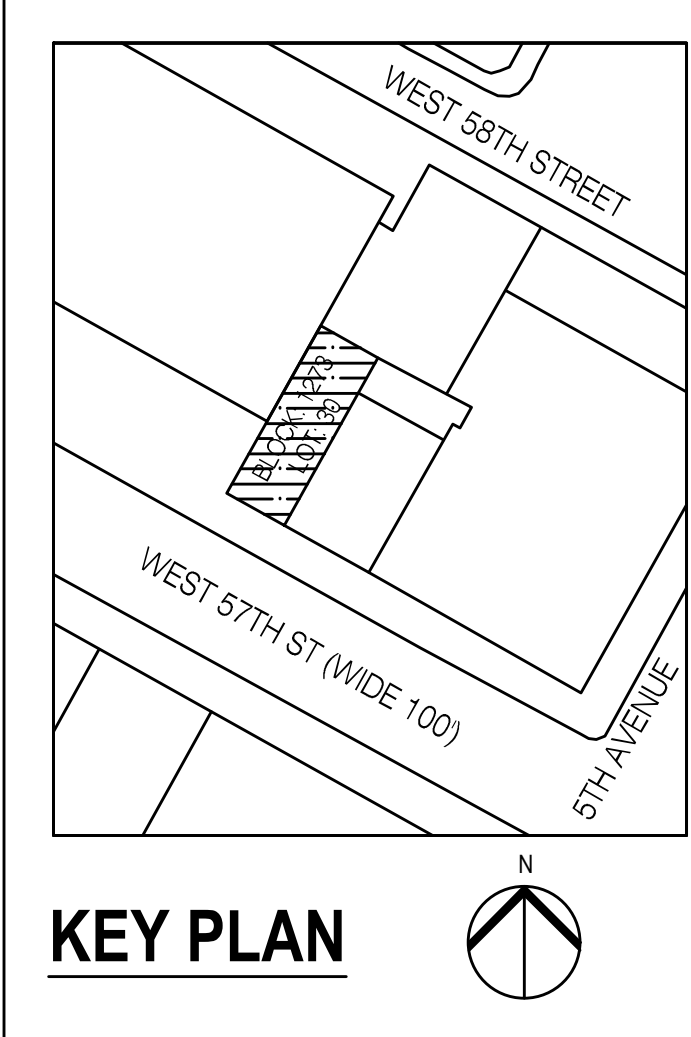
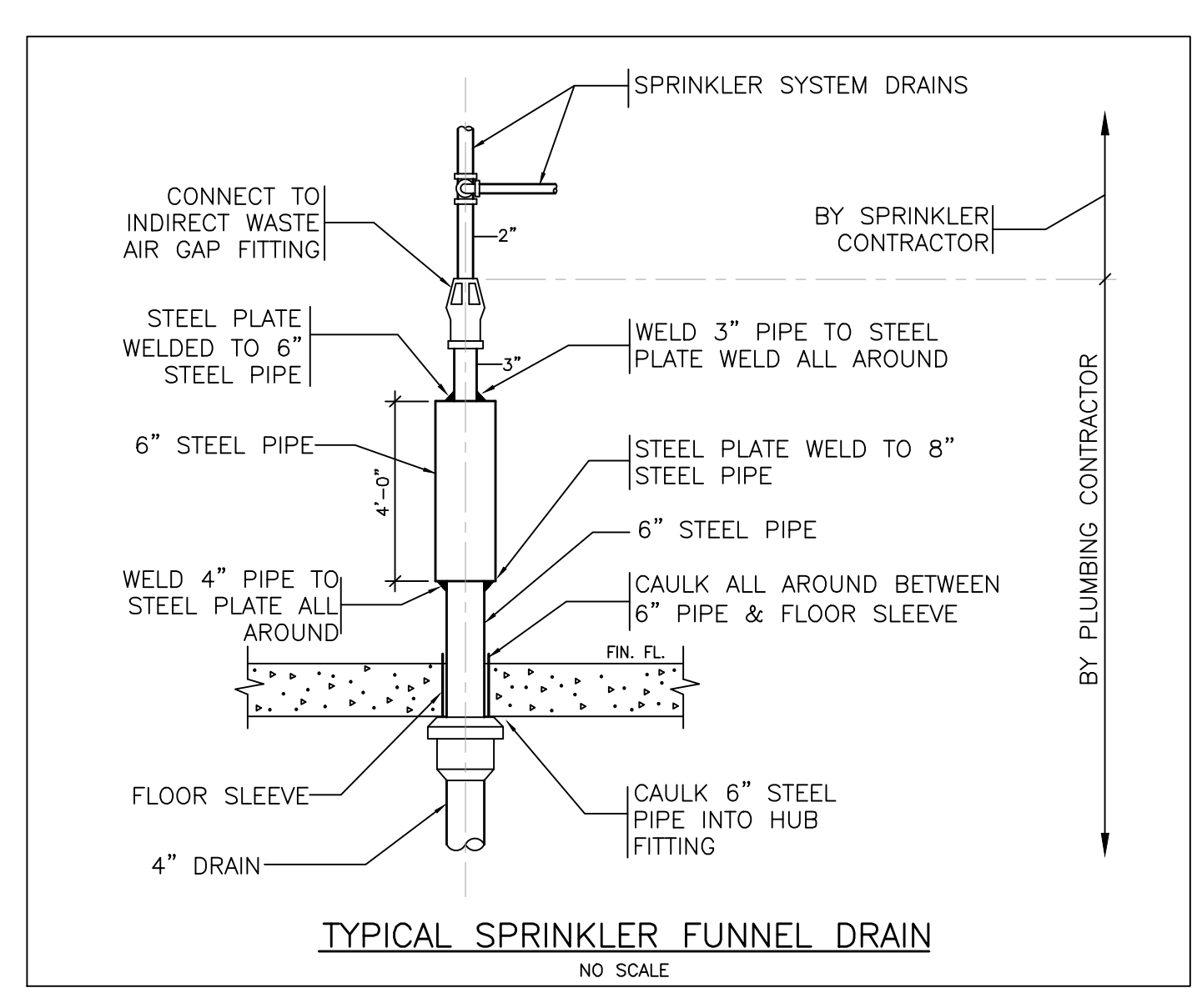
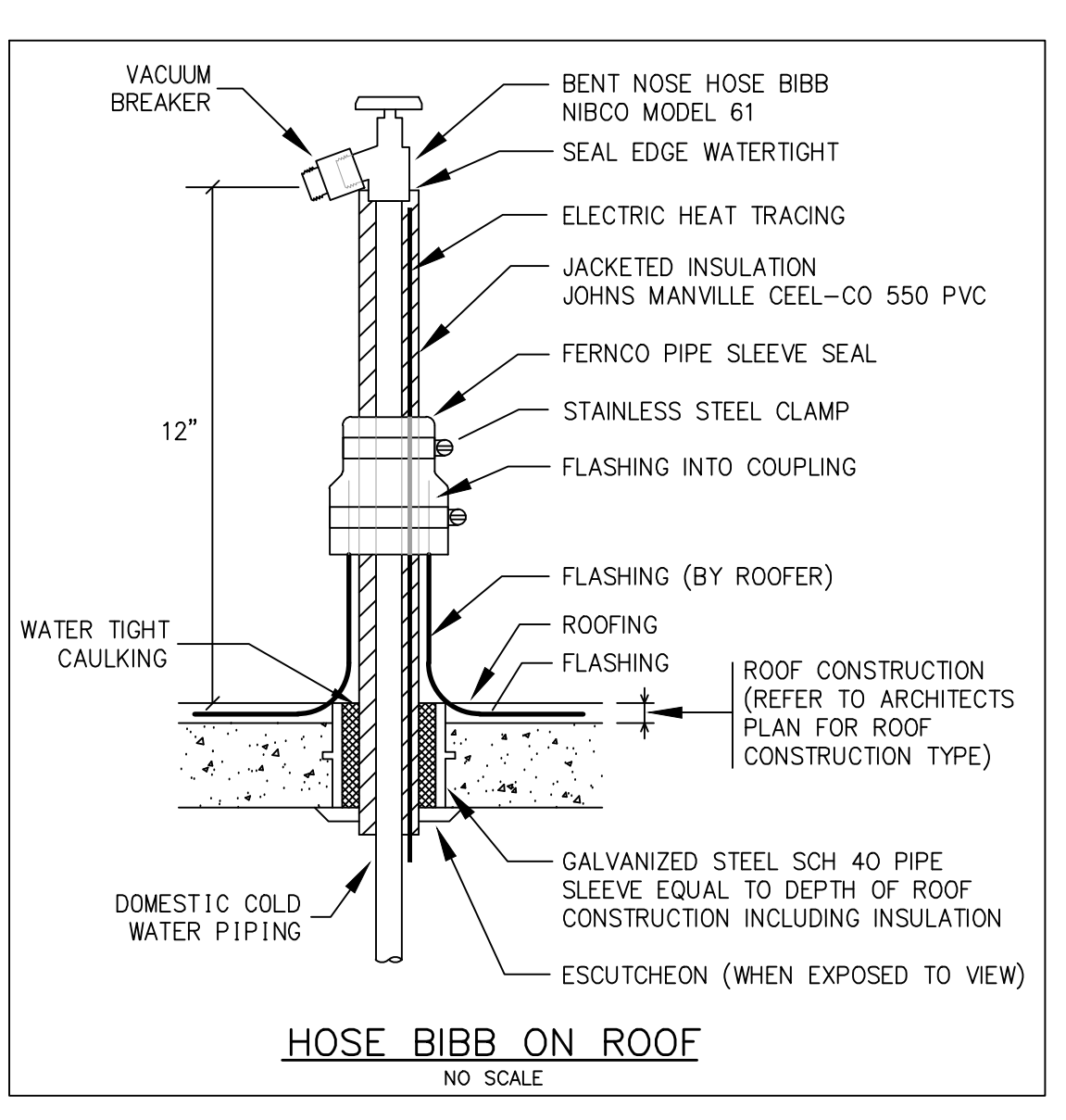
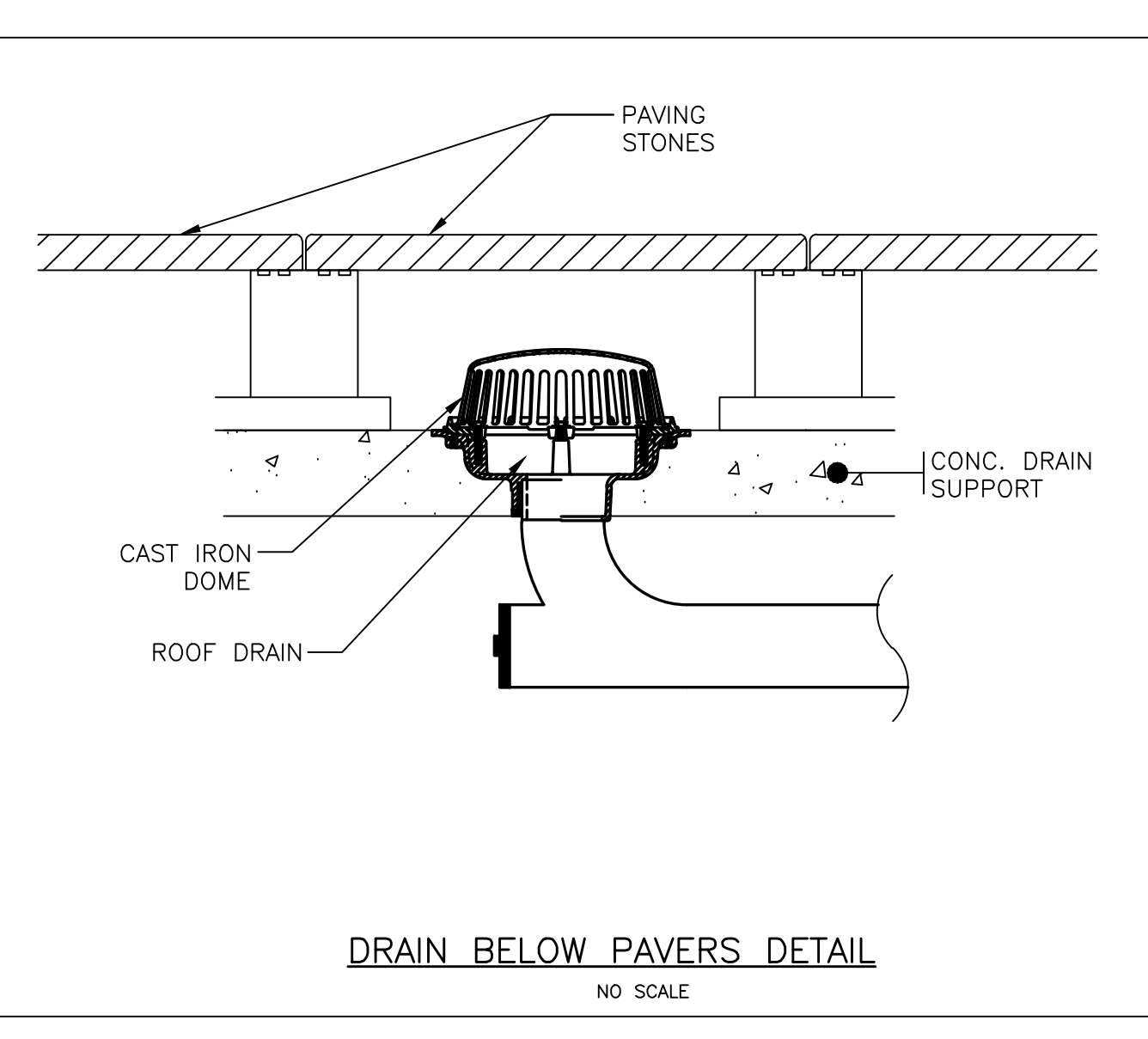
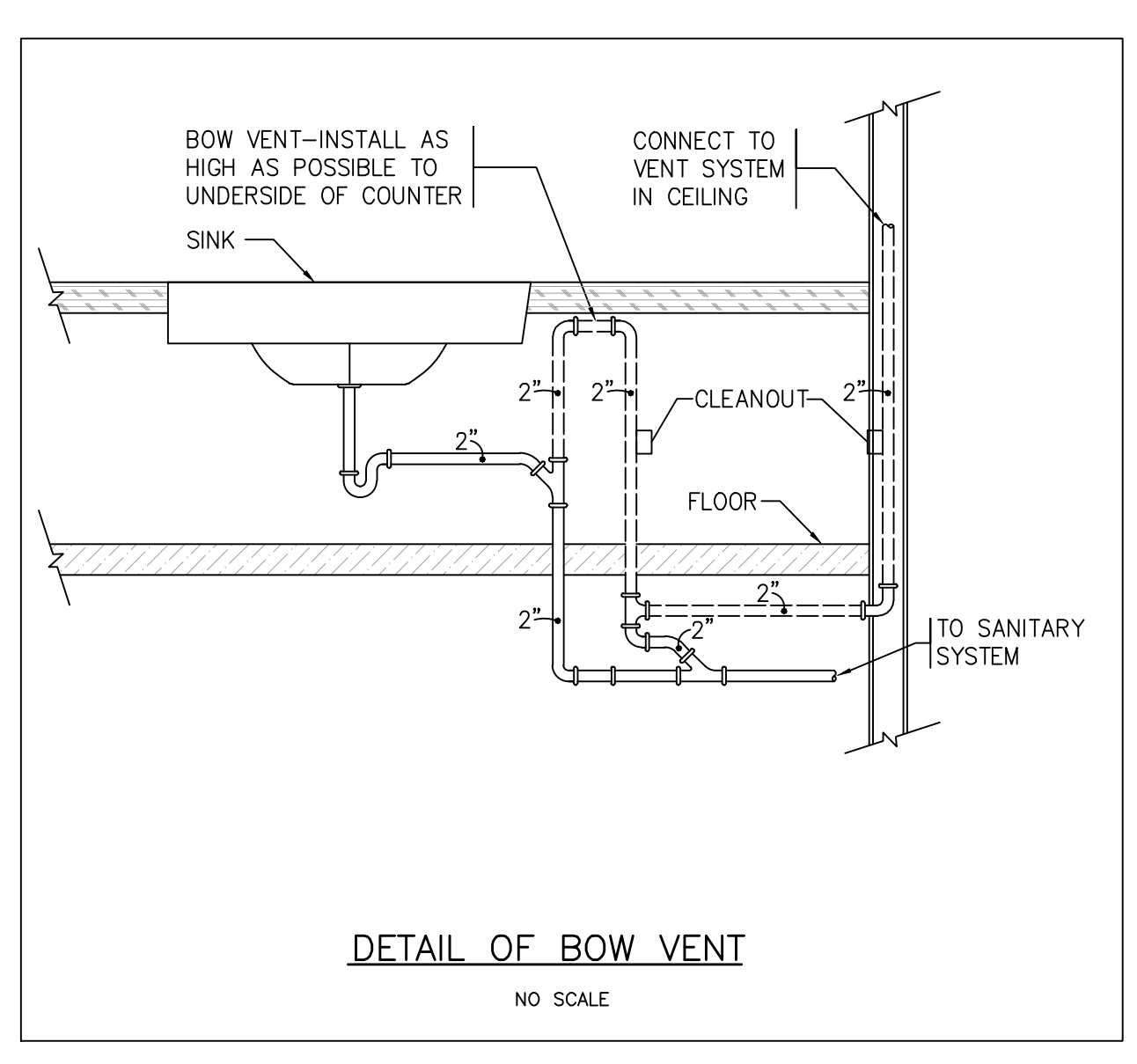
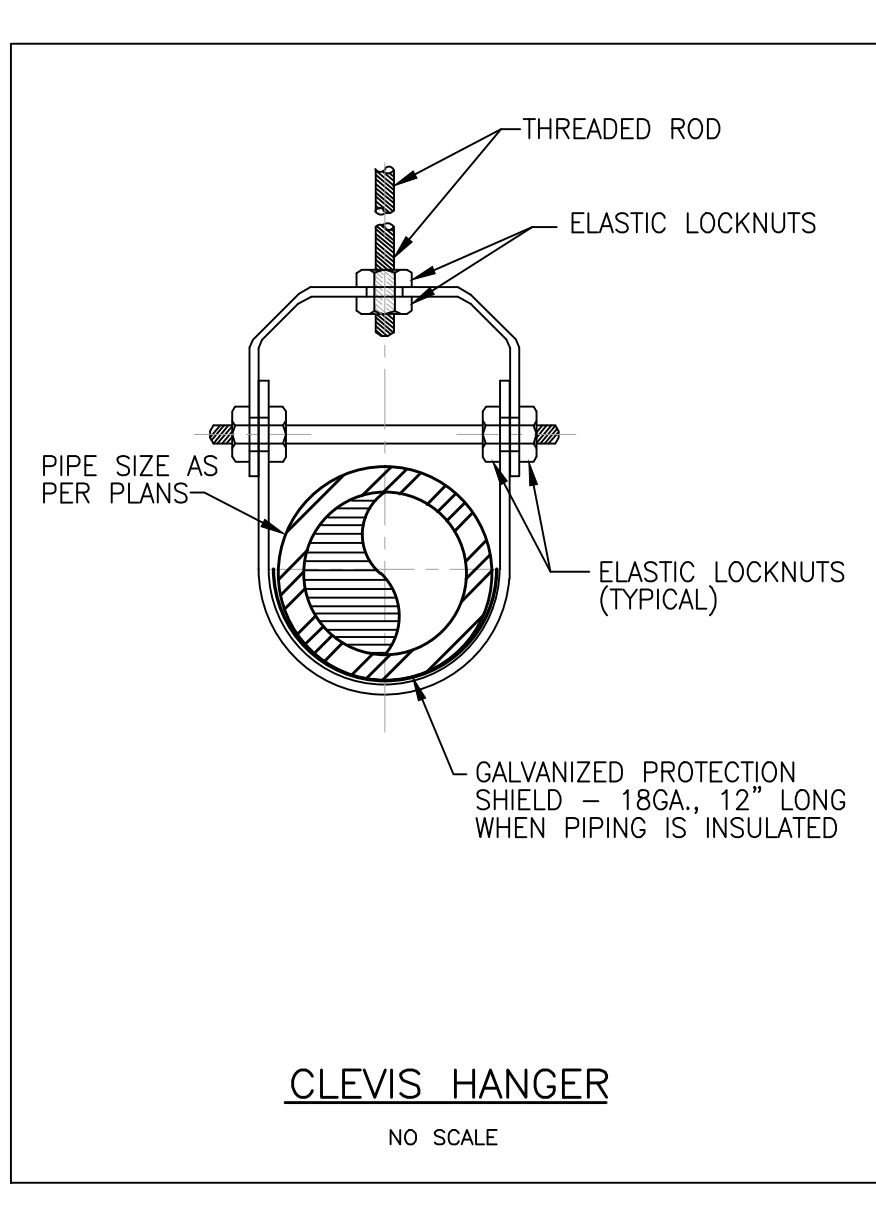
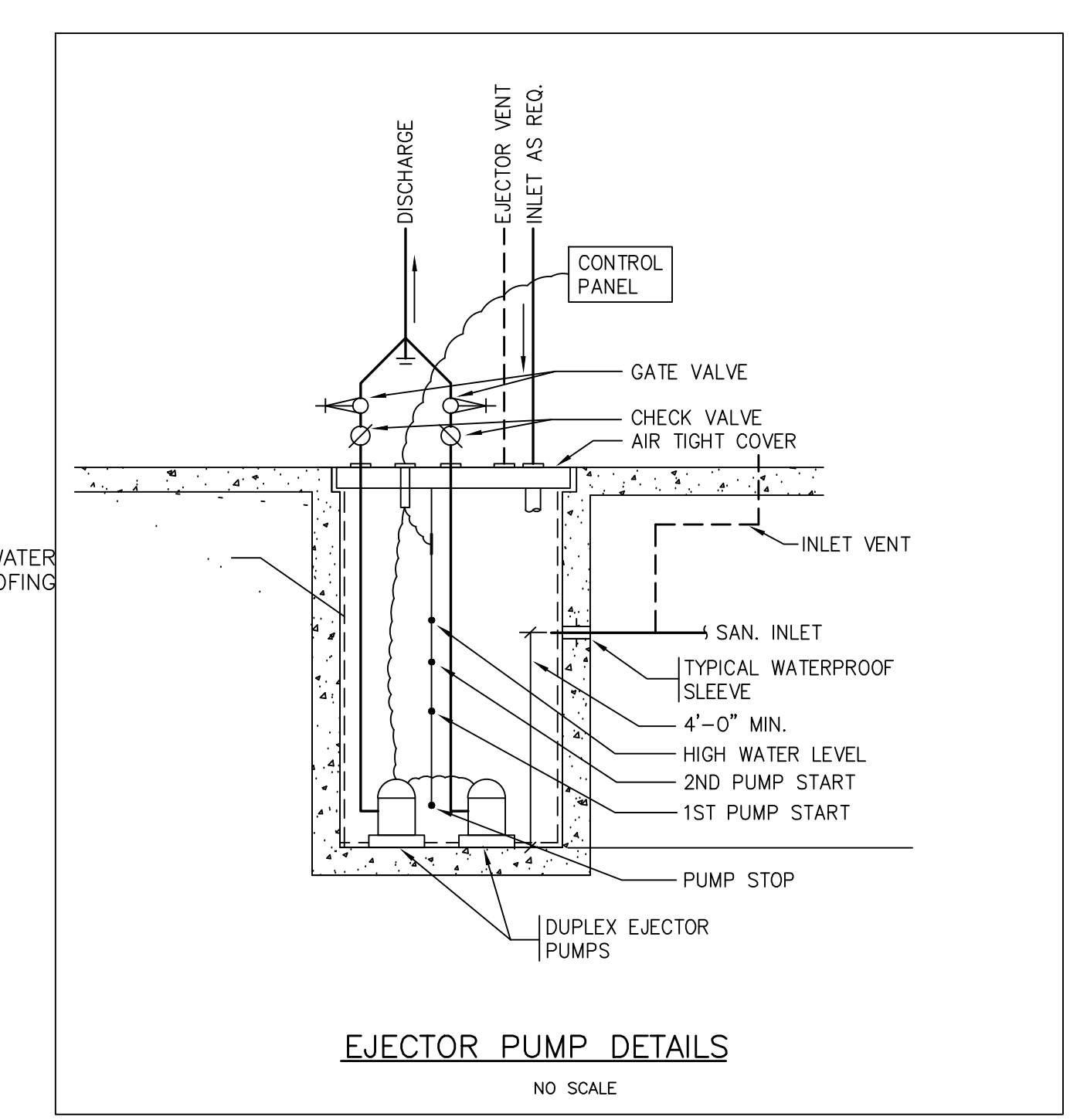
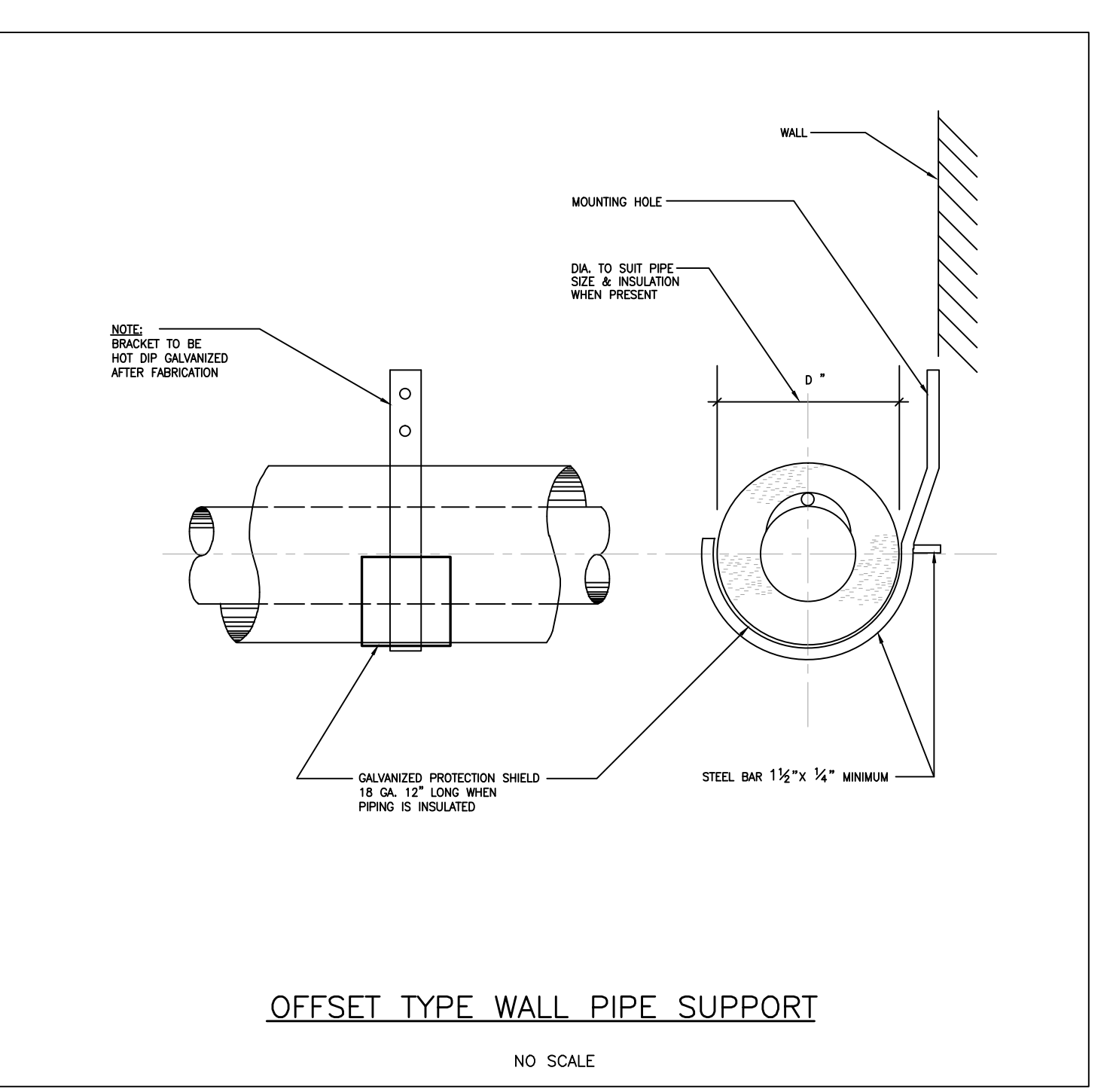
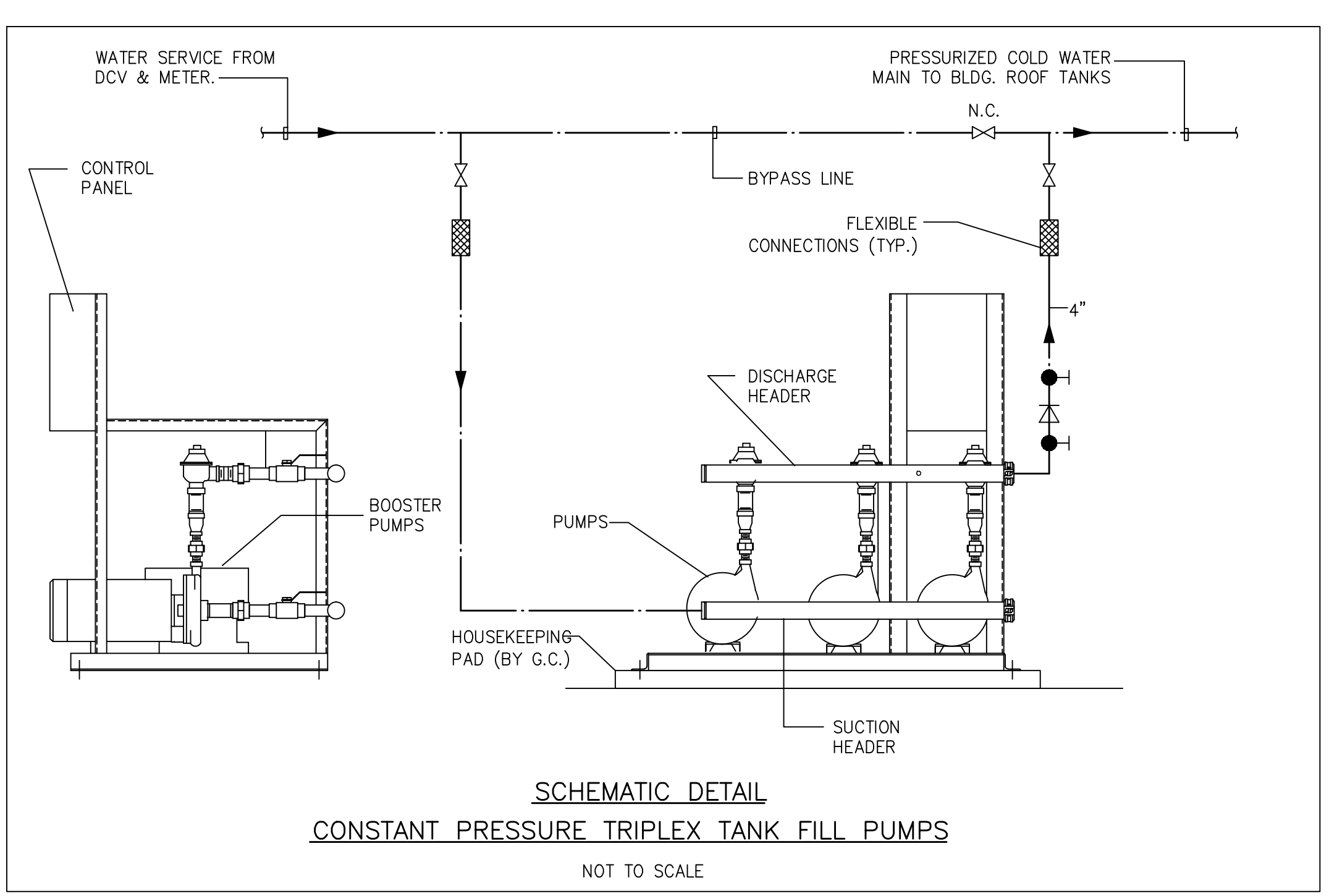
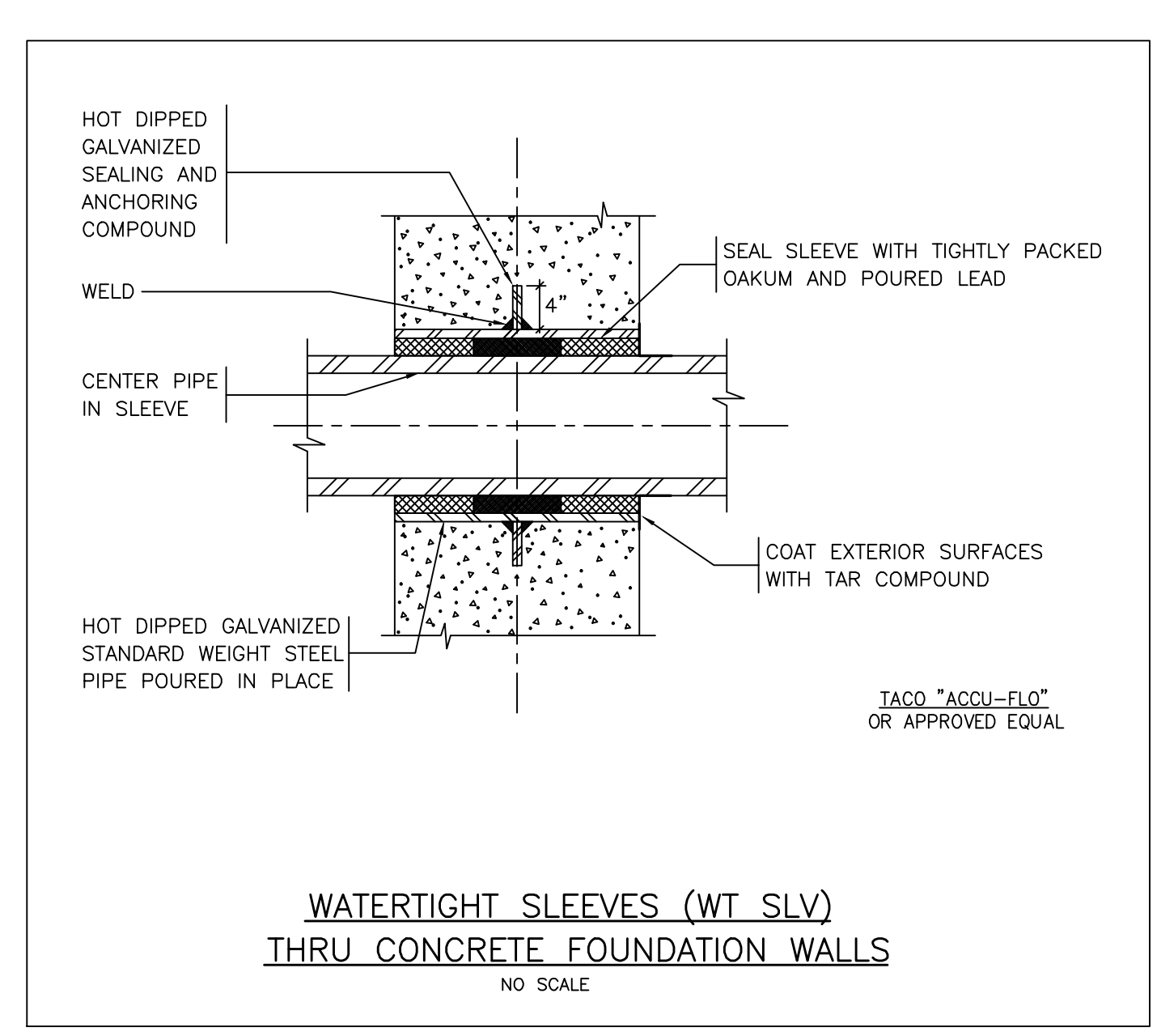
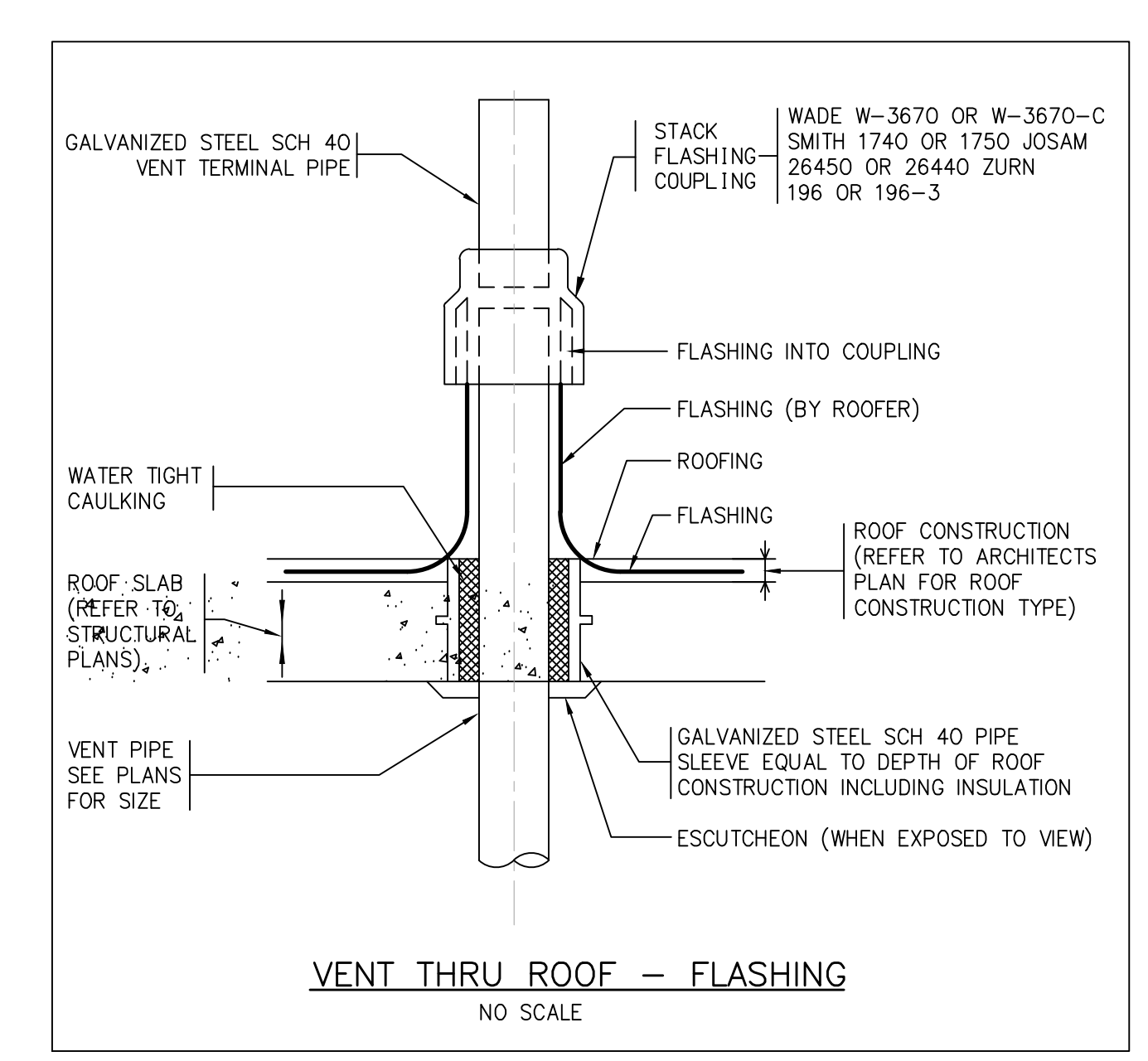
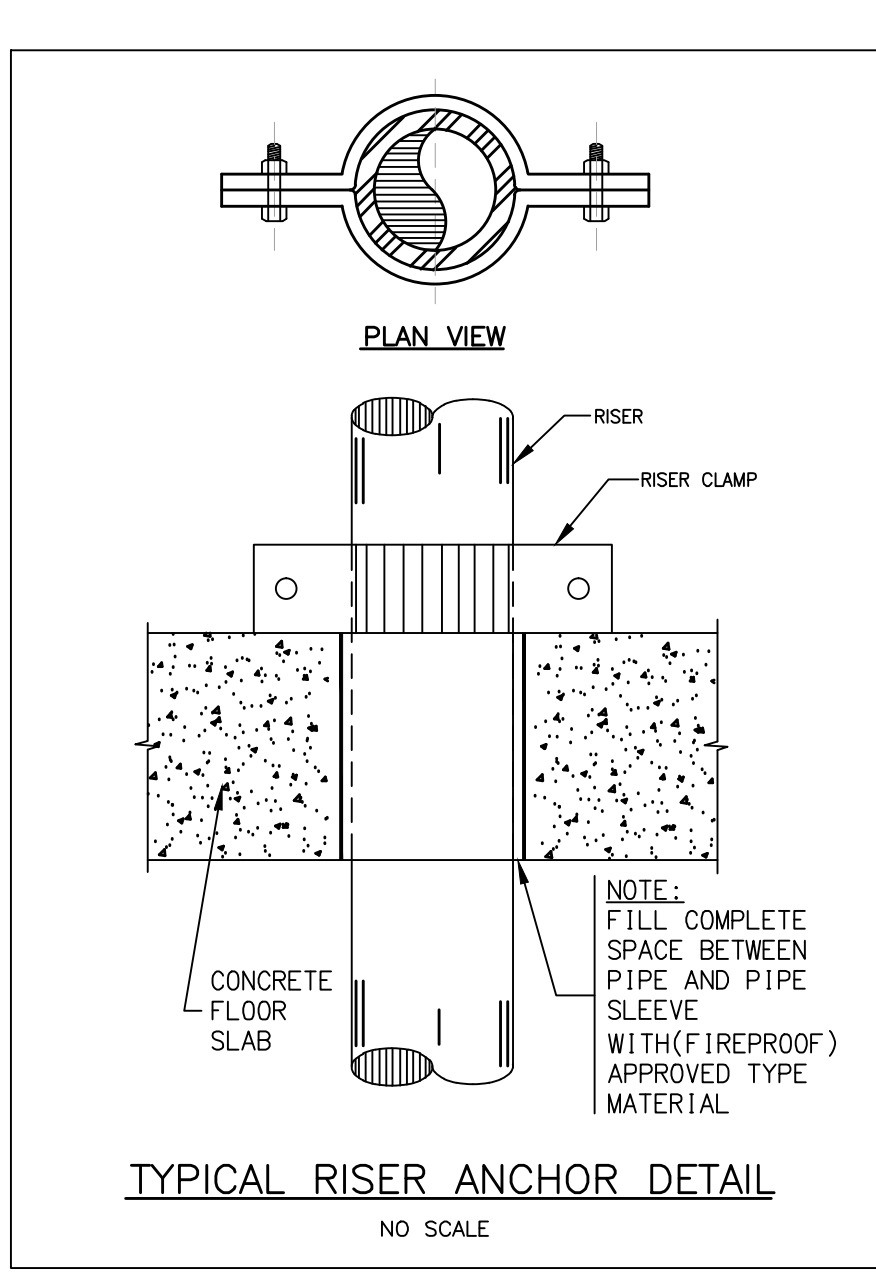
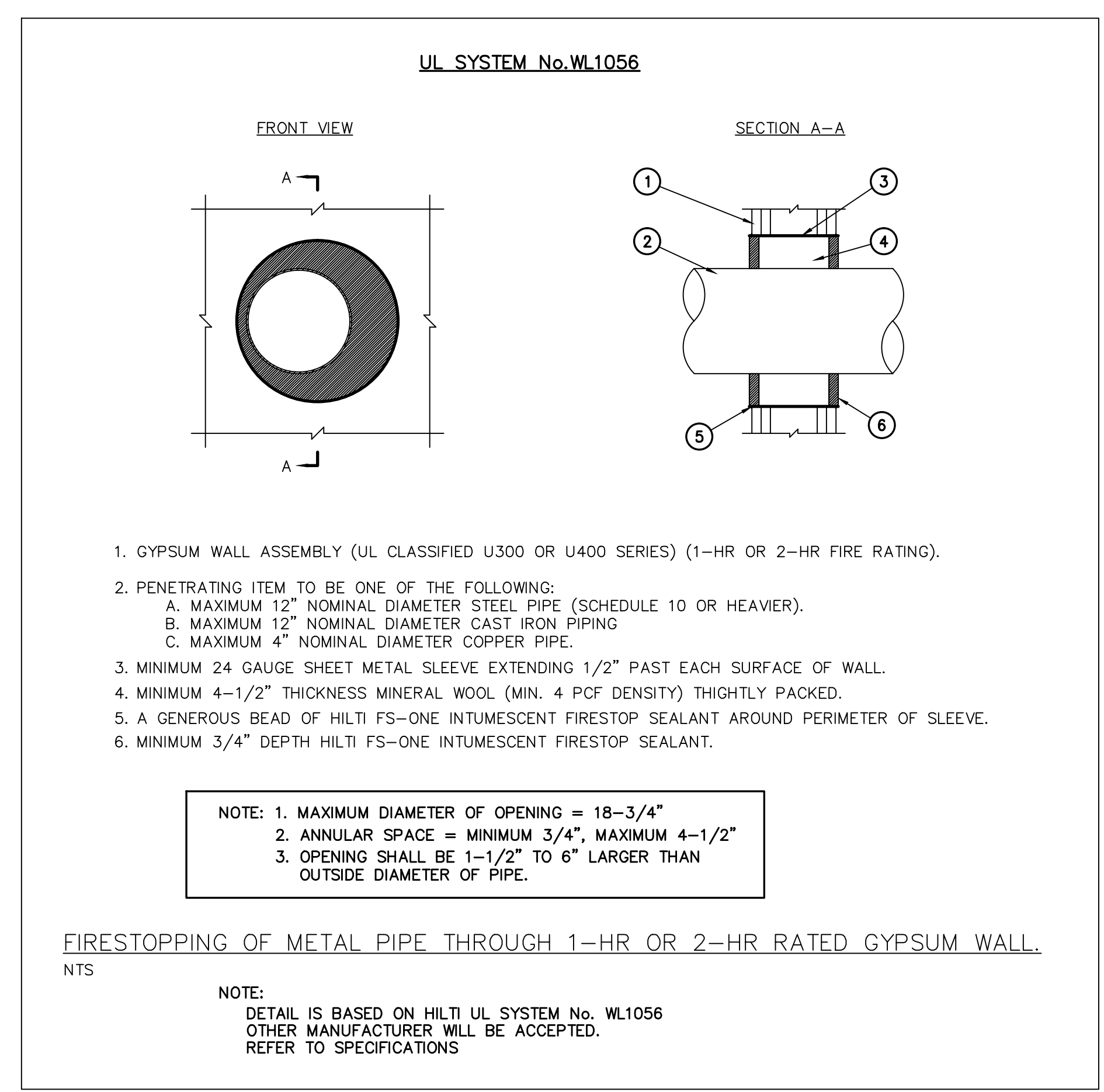
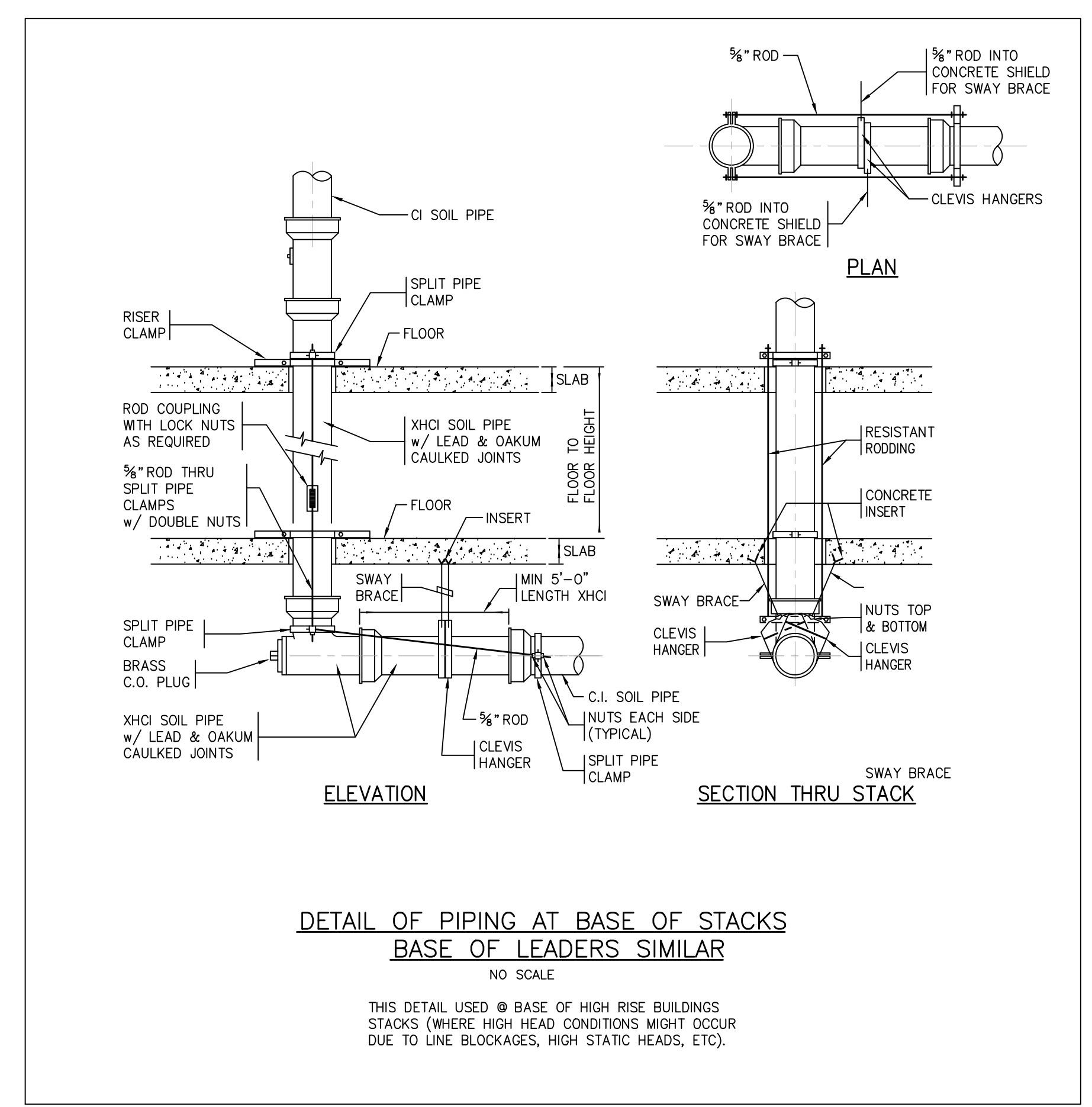
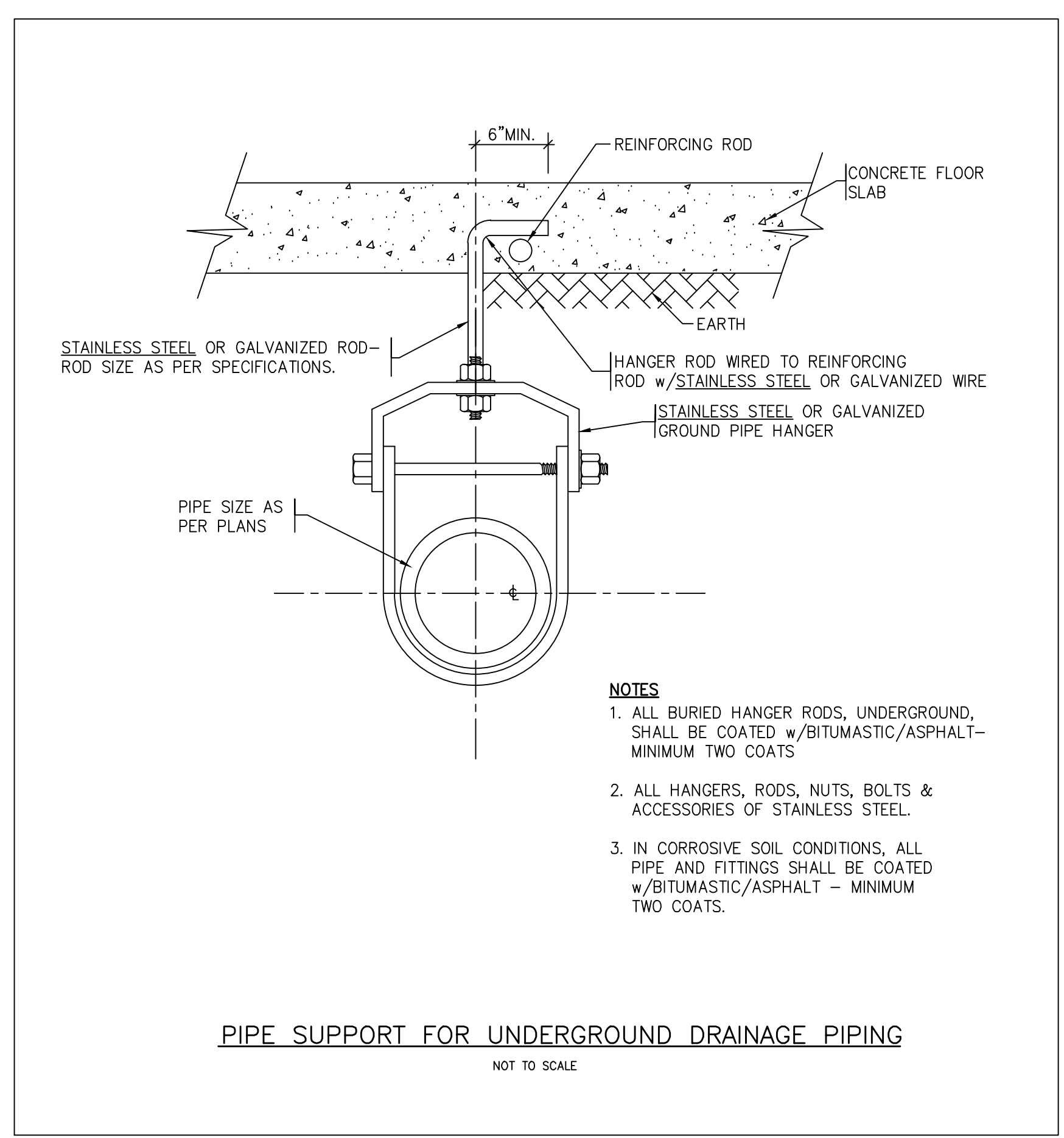
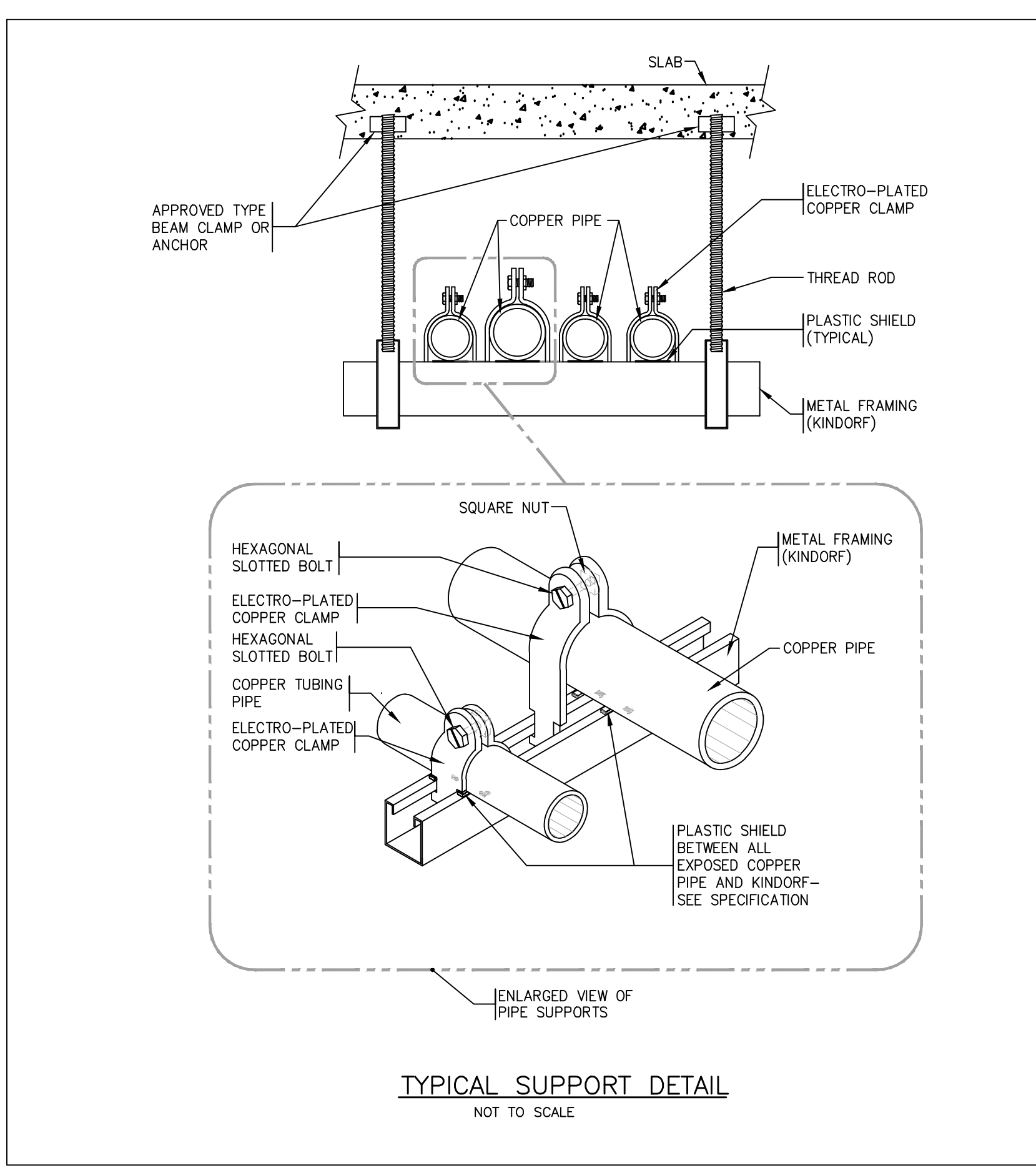
DOB STAMPS & SIGNATURES:

DWG TITLE: PLUMBING SCHEDULE

SEAL & SIGNATURE: DATE: PROJECT # 1602-6 SCALE: NONE P-401.00 DWG NO. 14 OF 16







**NOTES:**

- GYPSUM WALL ASSEMBLY (UL CLASSIFIED U300 OR U400 SERIES) (1-HR OR 2-HR FIRE RATING).
- PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
  - MAXIMUM 12" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
  - MAXIMUM 12" NOMINAL DIAMETER CAST IRON PIPING
  - MAXIMUM 4" NOMINAL DIAMETER COPPER PIPE.
- MINIMUM 24 GAUGE SHEET METAL SLEEVE EXTENDING 1/2" PAST EACH SURFACE OF WALL.
- MINIMUM 4-1/2" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) THIGHTLY PACKED.
- A GENEROUS BEAD OF HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT AROUND PERIMETER OF SLEEVE.
- MINIMUM 3/4" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT.

**NOTE 1:** MAXIMUM DIAMETER OF OPENING = 18-3/4"  
**NOTE 2:** ANNULAR SPACE = MINIMUM 3/4", MAXIMUM 4-1/2"  
**NOTE 3:** OPENING SHALL BE 1-1/2" TO 6" LARGER THAN OUTSIDE DIAMETER OF PIPE.

**NOTE:**  
 DETAIL IS BASED ON HILTI UL SYSTEM No. W1056  
 OTHER MANUFACTURER WILL BE ACCEPTED.  
 REFER TO SPECIFICATIONS

Number	Date	Revision
8	05/31/2017	DOB SUBMISSION FOUNDATION
7	05/26/2017	100% CD SUBMISSION
6	04/19/2017	90% CD SUBMISSION
5	03/17/2017	80% CD SUBMISSION
4	03/03/2017	DOB SUBMISSION
3	02/17/2017	ISSUED AS PER ENERGY COMMENTS
2	02/17/2017	60% CD SUBMISSION (NOT FOR BIDD)
1	12/22/2016	ISSUED FOR FILING

Project:  
**7  
 WEST 57TH STREET  
 NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212-213-8007

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PEN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 380 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

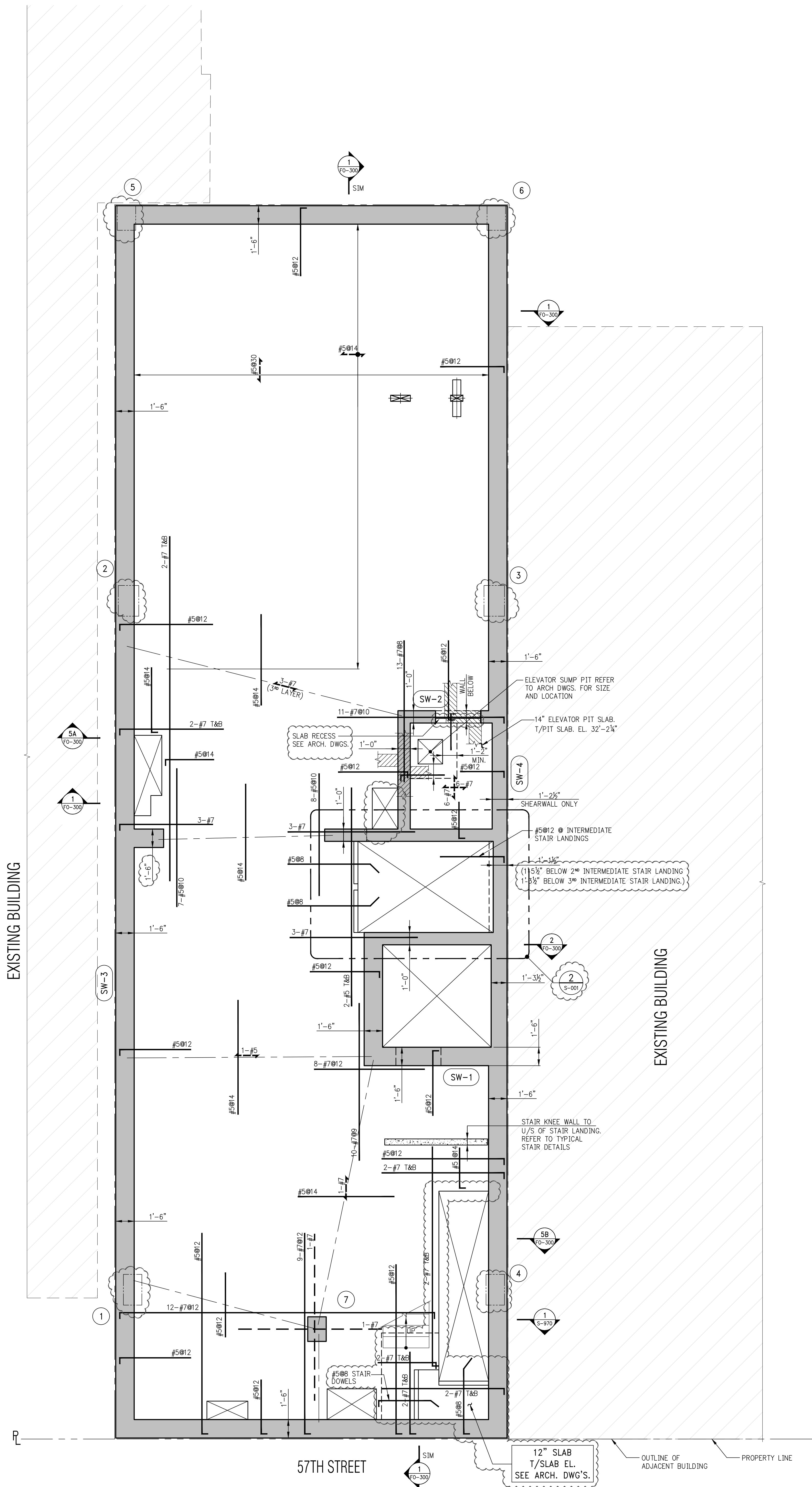
DOB STAMPS & SIGNATURES:

DWG TITLE:  
**PLUMBING  
 DETAILS**

SEAL & SIGNATURE:  
 DATE: PROJECT # 1802\_6  
 SCALE: NONE  
**P-501.00**  
 DWG NO. 15 OF 16  
 160296\_P-501.00 (18) 2/19/14

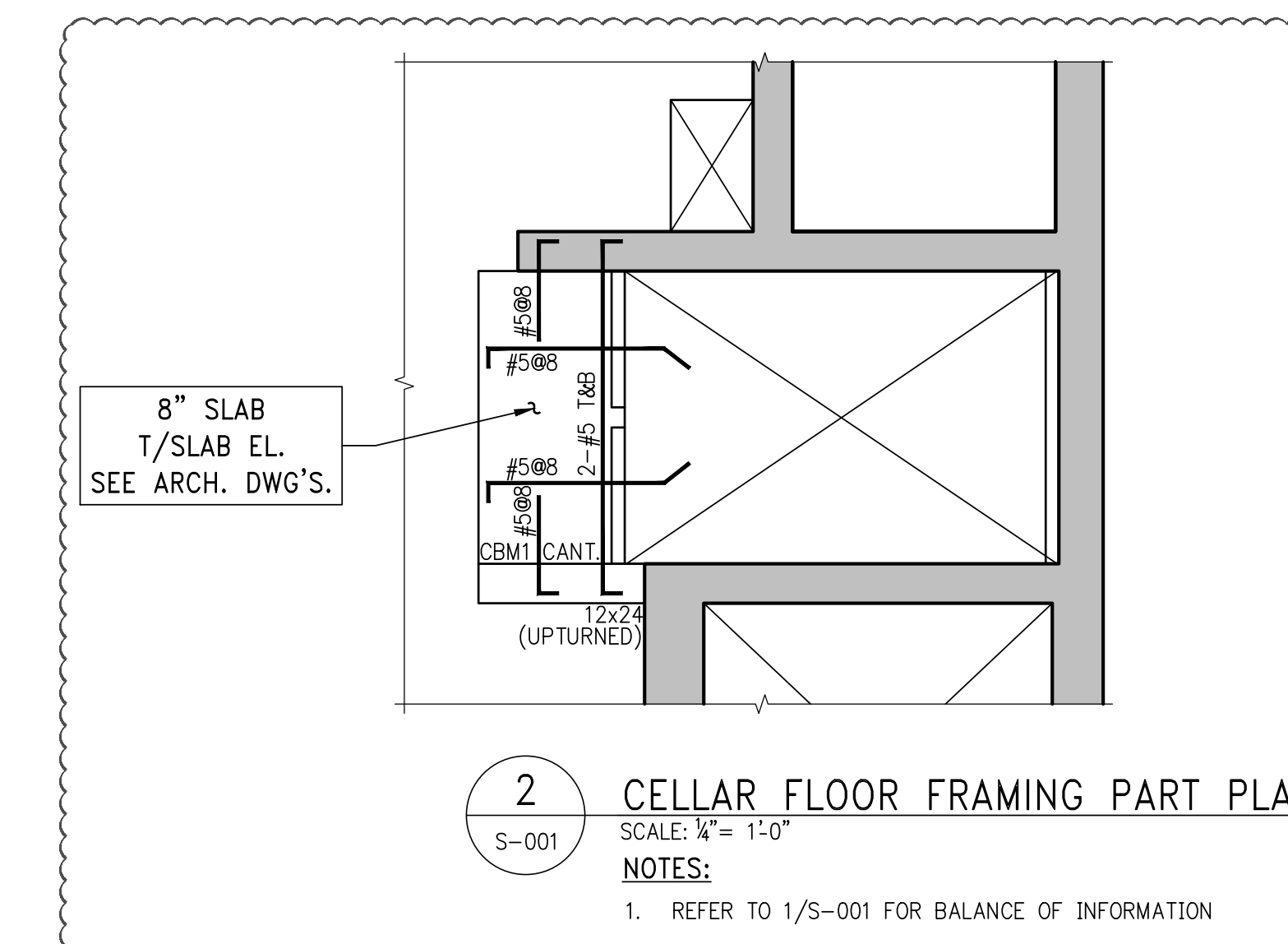
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1 CELLAR FLOOR FRAMING PLAN

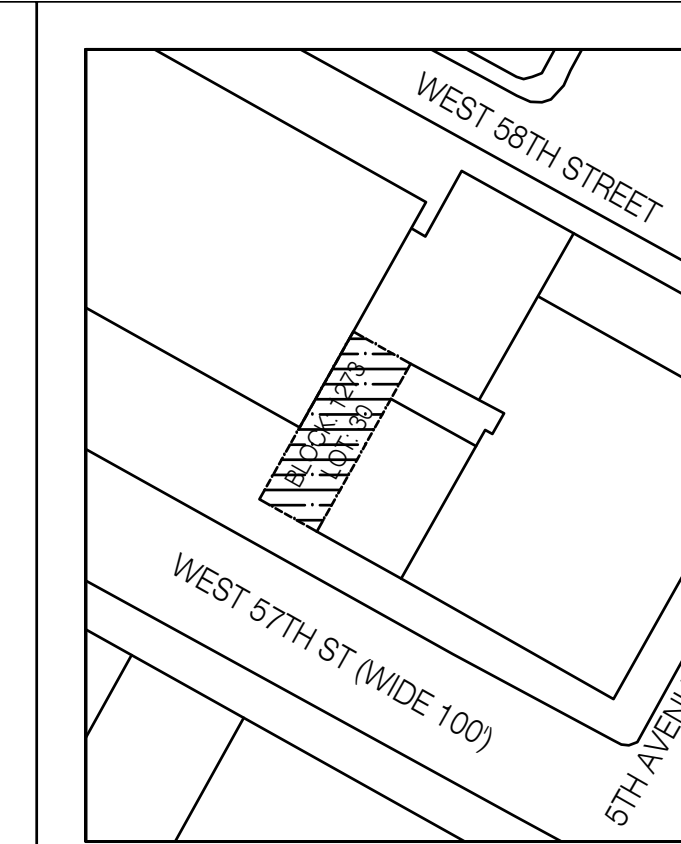
- SCALE: 1/4" = 1'-0"  
 NOTES:  
 1. TOP OF SLAB ELEVATION TO BE: 36'-2 1/4" U.O.N. ON PLAN.  
 2. SLAB TO BE 12" THICK THUS [ ] ON PLAN.  
 3. BOTTOM MAT REINFORCING TO BE: #5@12 E.W. CONT. FOR 8" SLAB  
 #5@14 E.W. CONT. FOR 12" SLAB  
 #5@12 E.W. CONT. FOR 14" SLAB  
 4. FOR BALANCE OF NOTES SEE DRAWING FD-1000



2 CELLAR FLOOR FRAMING PART PLAN  
 SCALE: 1/4" = 1'-0"  
 NOTES:  
 1. REFER TO 1/S-001 FOR BALANCE OF INFORMATION

BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS			REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	SPACING	
CBM1	12x24	2-#7	2-#7		1	#4	@10	UPTURNED TAB BARS TO BE FULLY DEVELOPED INTO SHEARWALL

TYPE 1  
 STIRRUP TYPES  
 N.T.S.



KEY PLAN

NOTES:

Number	Date	Revision
07	05/26/2017	100% CD
06	04/19/2017	90% CD
05	03/21/2017	80% CD
04	03/03/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER OWNER COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	DOB SUBMISSION

Project:  
 7 WEST 57TH STREET  
 NEW YORK, NY 10019

Client:  
**SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8602

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

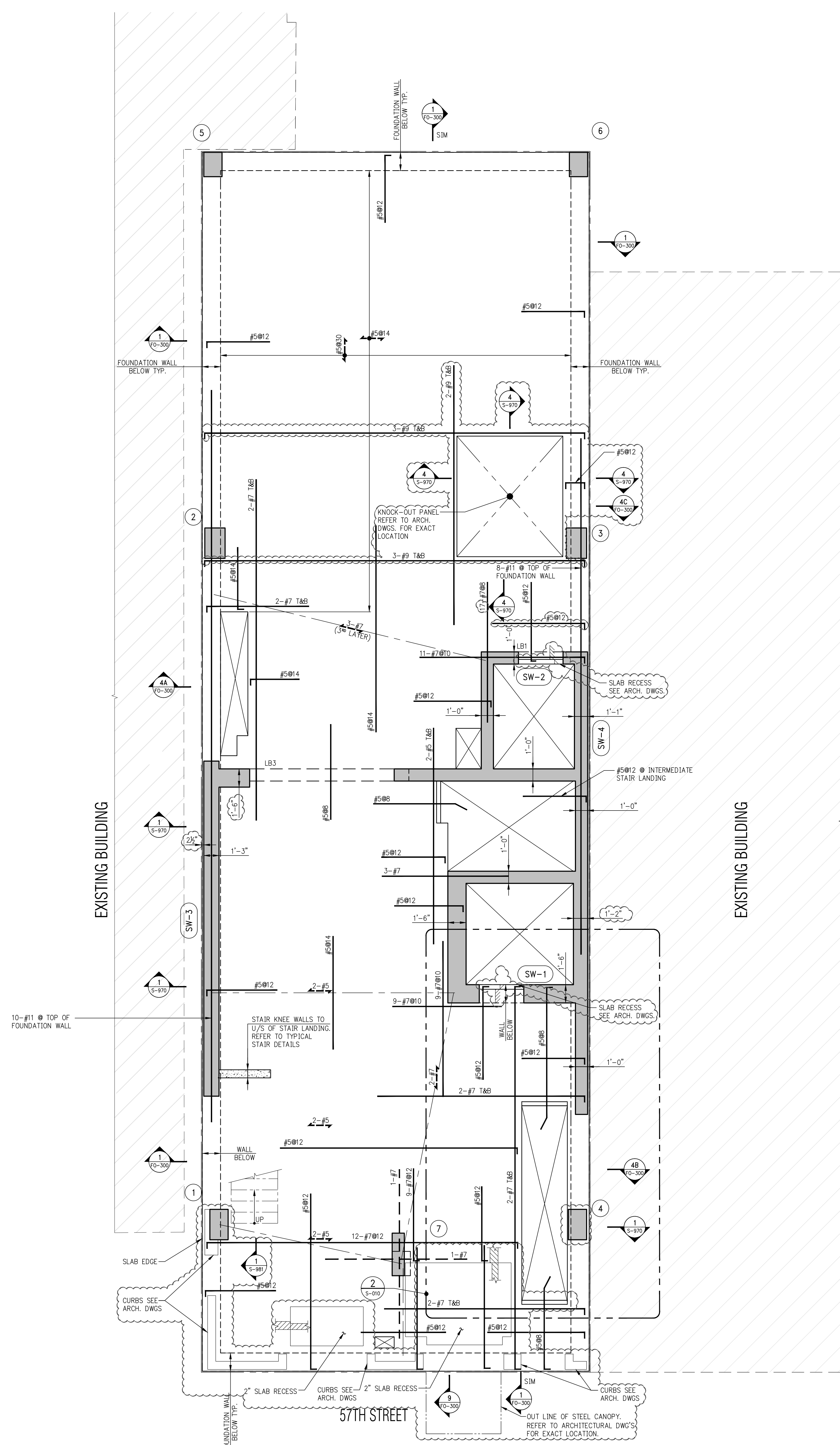
Building Envelope Consultant:  
**VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**CELLAR FLOOR FRAMING PLAN**

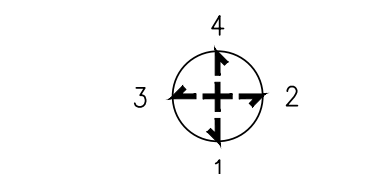
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 DATE: 02/17/2017  
 PROJECT #: 1605937  
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**S-001.01**  
 DWG. NO.

NB#121191441

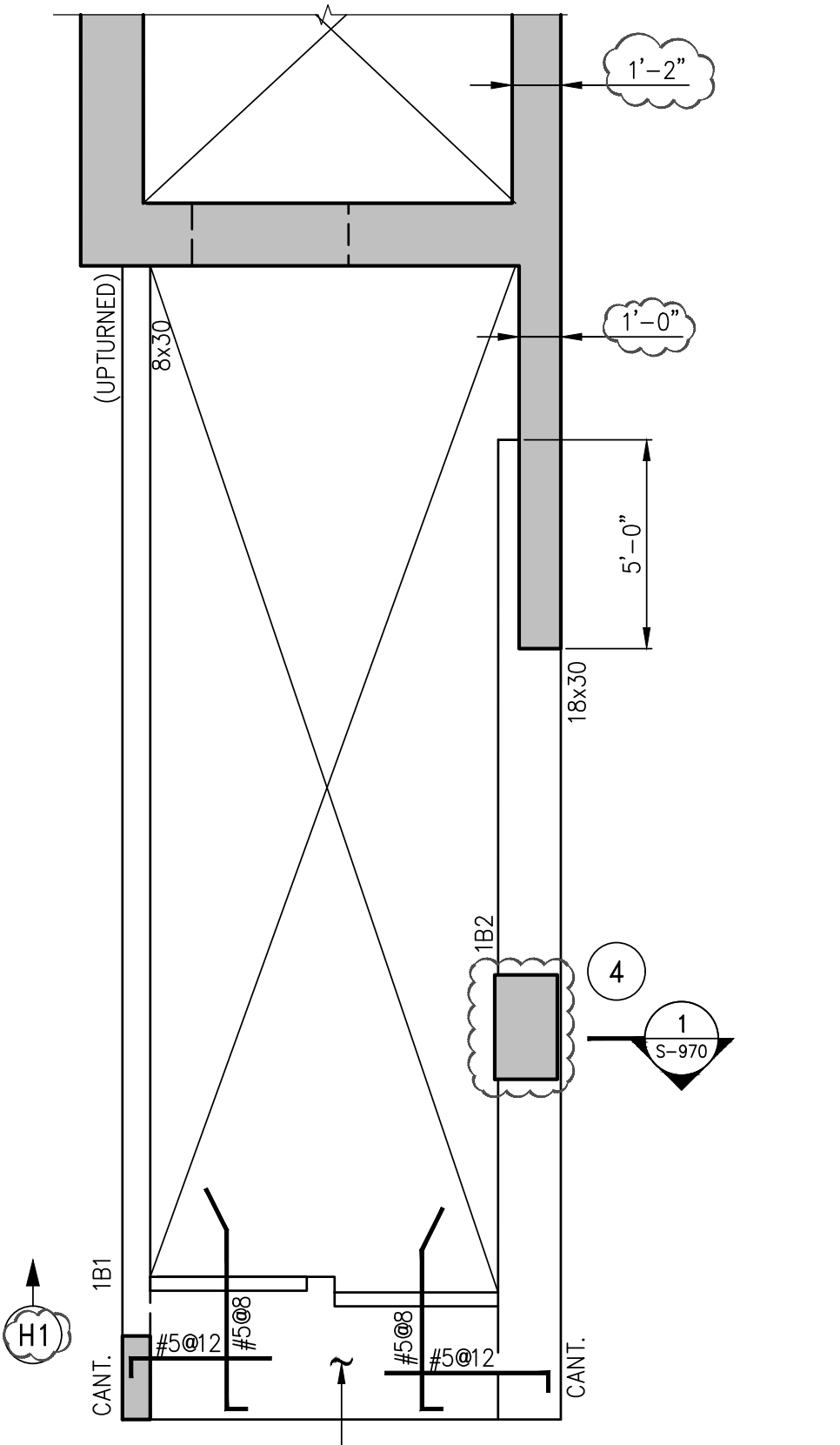


**1 1st FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

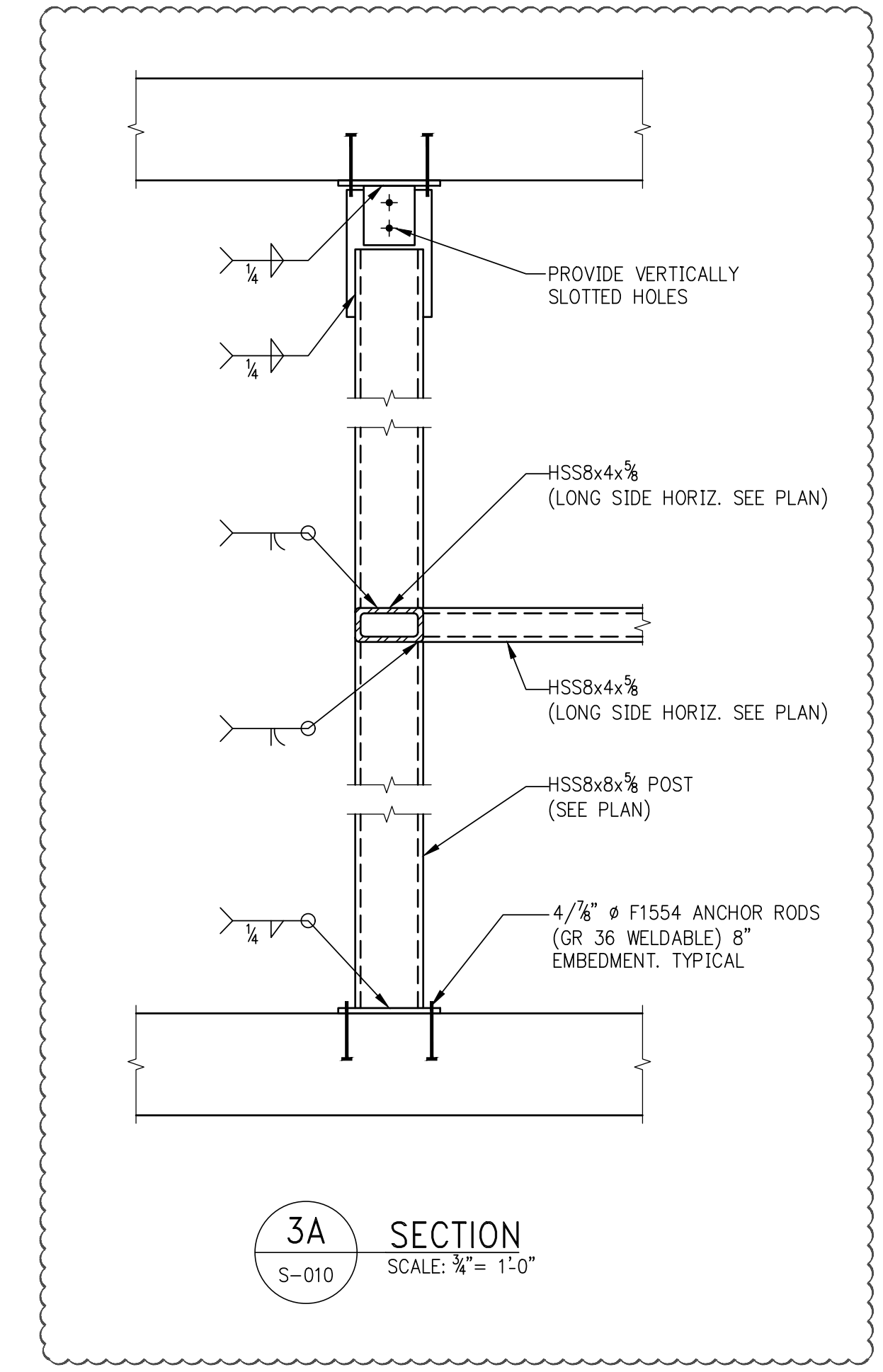
- NOTES:**
- TOP OF SLAB ELEVATION TO BE: 5'3 1/2" U.O.N. ON PLAN.
  - SLAB TO BE 12" THICK U.O.N.
  - BOTTOM MAT REINFORCING TO BE: #5@14 E.W. CONT. FOR 12" SLAB  
#4@12 E.W. CONT. FOR 8" SLAB.
  - FOR GENERAL NOTES AND ABBREVIATIONS AND LEGEND SEE FD-001.
  - FOR LINK BEAM SCHEDULE AND SHEARWALL DETAILS SEE S-940 SERIES DRAWINGS.
  - FOR COLUMN SIZES, REINFORCEMENT AND DETAILS SEE S-950 SERIES DRAWINGS.
  - FOR TYPICAL SUPERSTRUCTURE DETAILS SEE S-960 SERIES DRAWINGS.
  - FOR STAIR DETAILS AND SECTIONS SEE S-980 SERIES DRAWINGS.



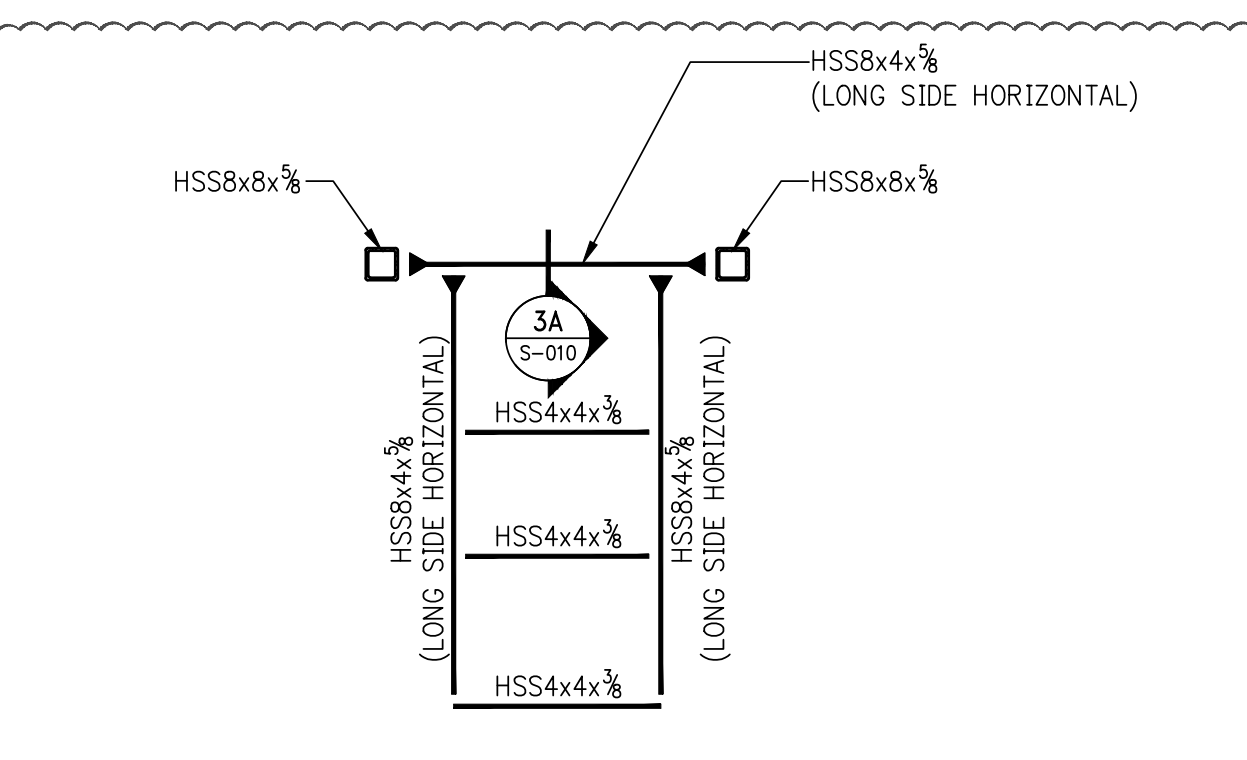
REBAR LAYER ORDER



**2 1st FLOOR PART PLAN**  
SCALE: 1/4" = 1'-0"



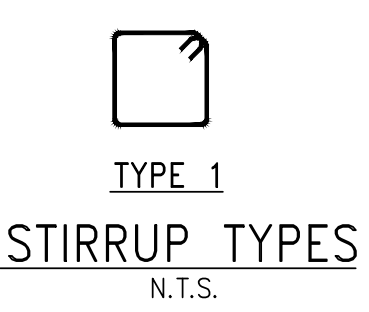
**3A SECTION**  
SCALE: 1/4" = 1'-0"



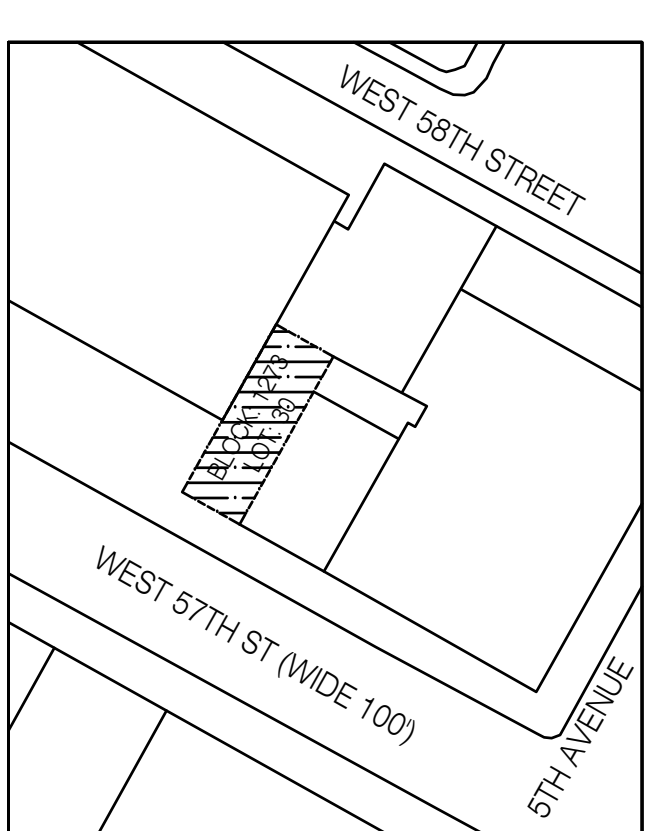
**3 CANOPY FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:**
- INDICATES MOMENT/TORSION CONNECTION.
  - CAPACITY OF MOMENT/TORSION AND SHEAR CONNECTION TO BE 50% OF MEMBER CAPACITY OR AS STATED ON PLAN, WHICHEVER IS GREATER.
  - ALL STRUCTURAL MEMBER TO BE GR. 36 MIN.
  - REFER TO ARCHITECTURAL DRAWINGS FOR RUST PROOFING OF EXPOSED STRUCTURAL MEMBERS.

BEAM SCHEDULE								
BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS		REMARKS	
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE		
TB1	4x12	1-#9	1-#9		1	#4	#4	EXTEND T&B BARS 5'-0" PAST EDGE OF STAIR OPENING
1B1	8x30	2-#9	2-#9		1	#4	#12	UPTURNED
1B2	18x30	2-#9	2-#9		1	#4	#12	6-#9 E.F. SKIN REIN.



TYPE 1  
STIRRUP TYPES  
N.T.S.



**KEY PLAN**

**NOTES:**

07	03/26/2017	100% CD
06	04/18/2017	90% CD
05	03/17/2017	80% CD
04	03/03/2017	DOB SUBMISSION
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	95% CD
01	12/21/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
Project: **7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLOW57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: **HILL WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer: **Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
ONE FENIX PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FP Engineer: **COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

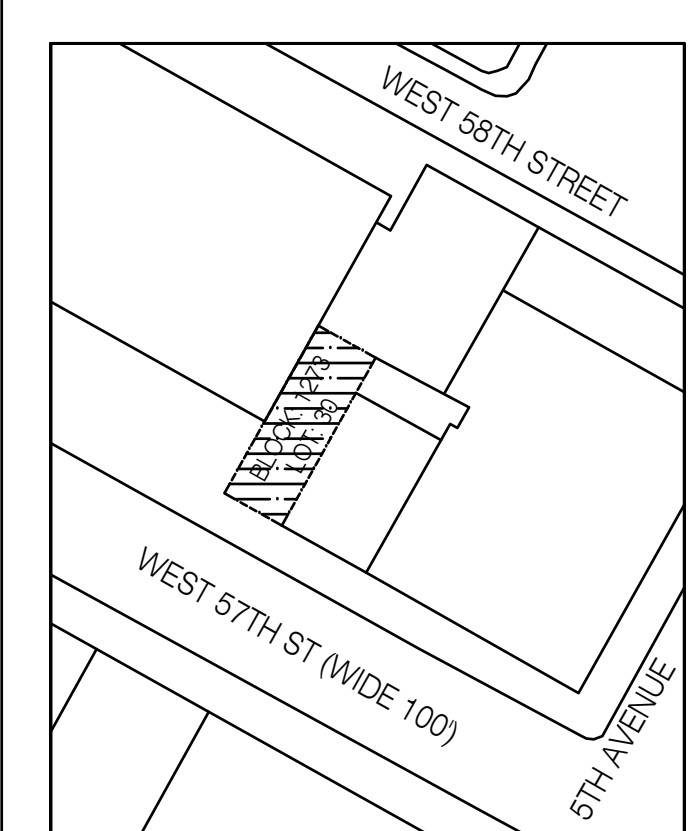
Building Envelope Consultant: **VIDARIS**  
300 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE: **1ST FLOOR FRAMING PLAN**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"  
**S-010.00**  
DWG NO.

NB#121191441



**KEY PLAN**

**NOTES:**

07	05/26/2017	100% CD
06	04/19/2017	90% CD
05	03/21/2017	80% CD
04	03/02/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER OWNER COMMENTS
02	02/12/2017	60% CD
01	12/21/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project:  
**7 WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8602

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

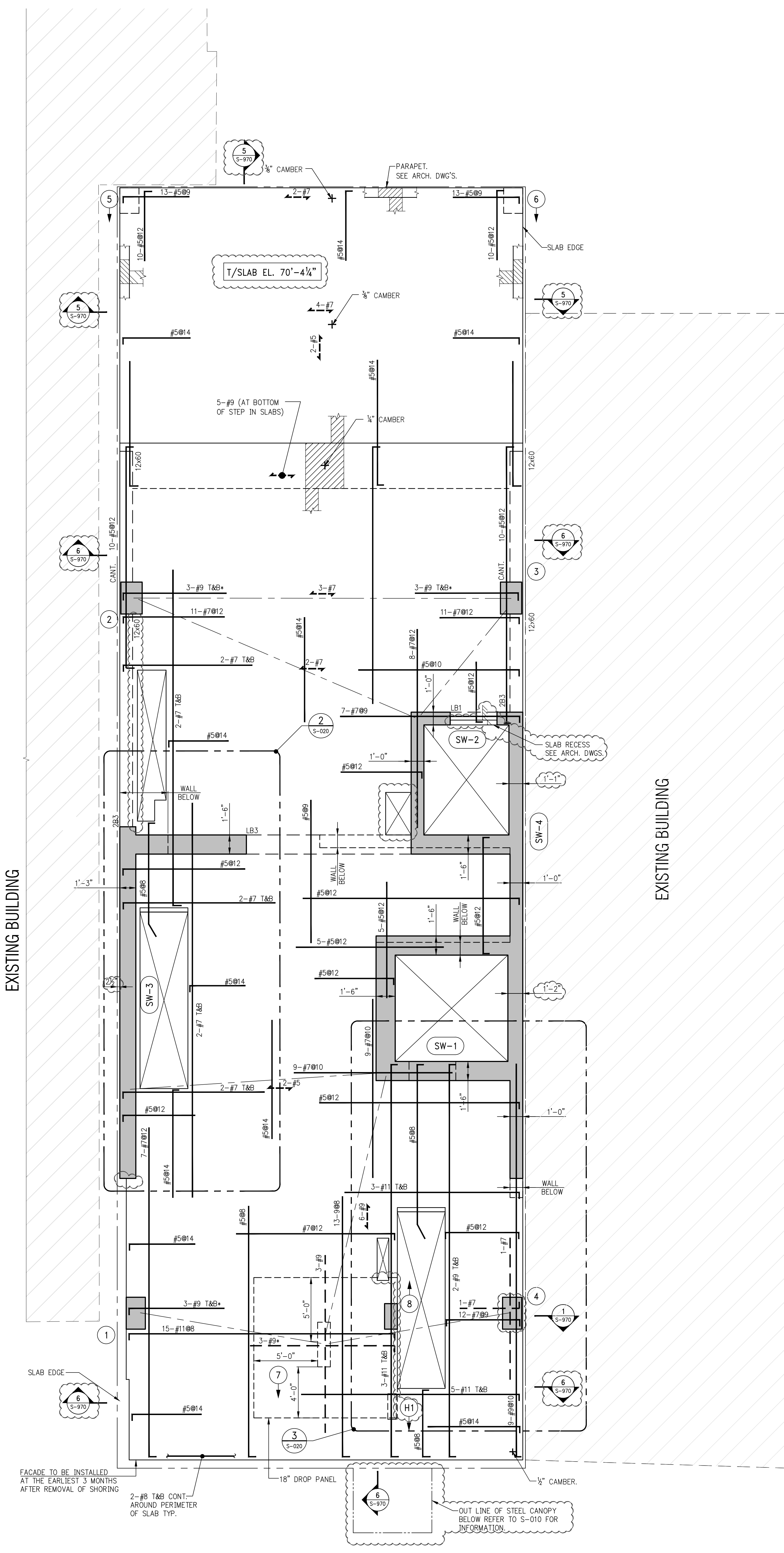
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

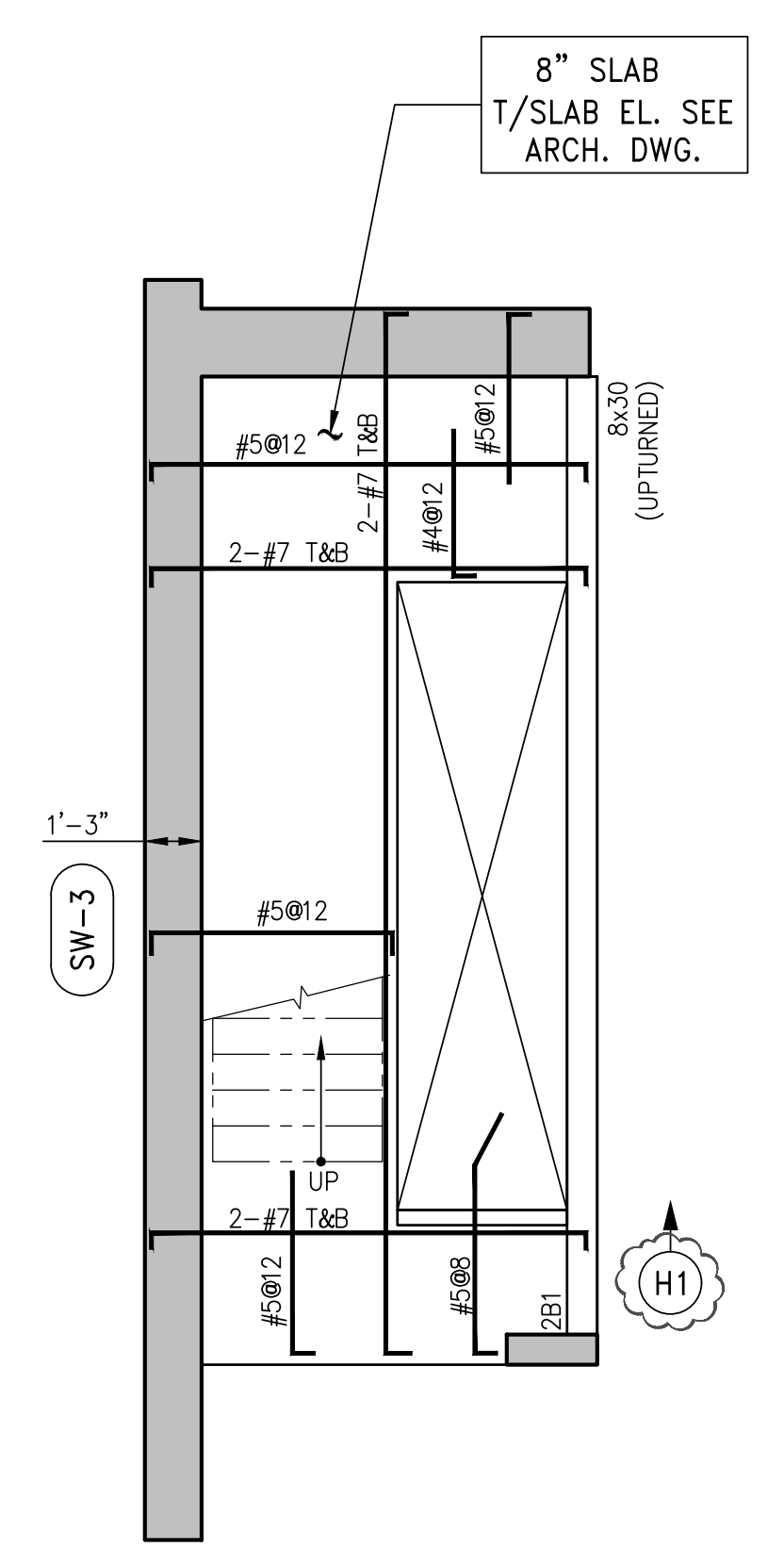
DOB STAMPS & SIGNATURES:

DWG TITLE:  
**2ND FLOOR FRAMING PLAN**

SEAL & SIGNATURE:  
  
 DATE: 02/17/2017  
 PROJECT #: 1605937  
 SCALE: 1/4" = 1'-0"  
**S-020.00**  
 DWG NO.  
 NB#12191441

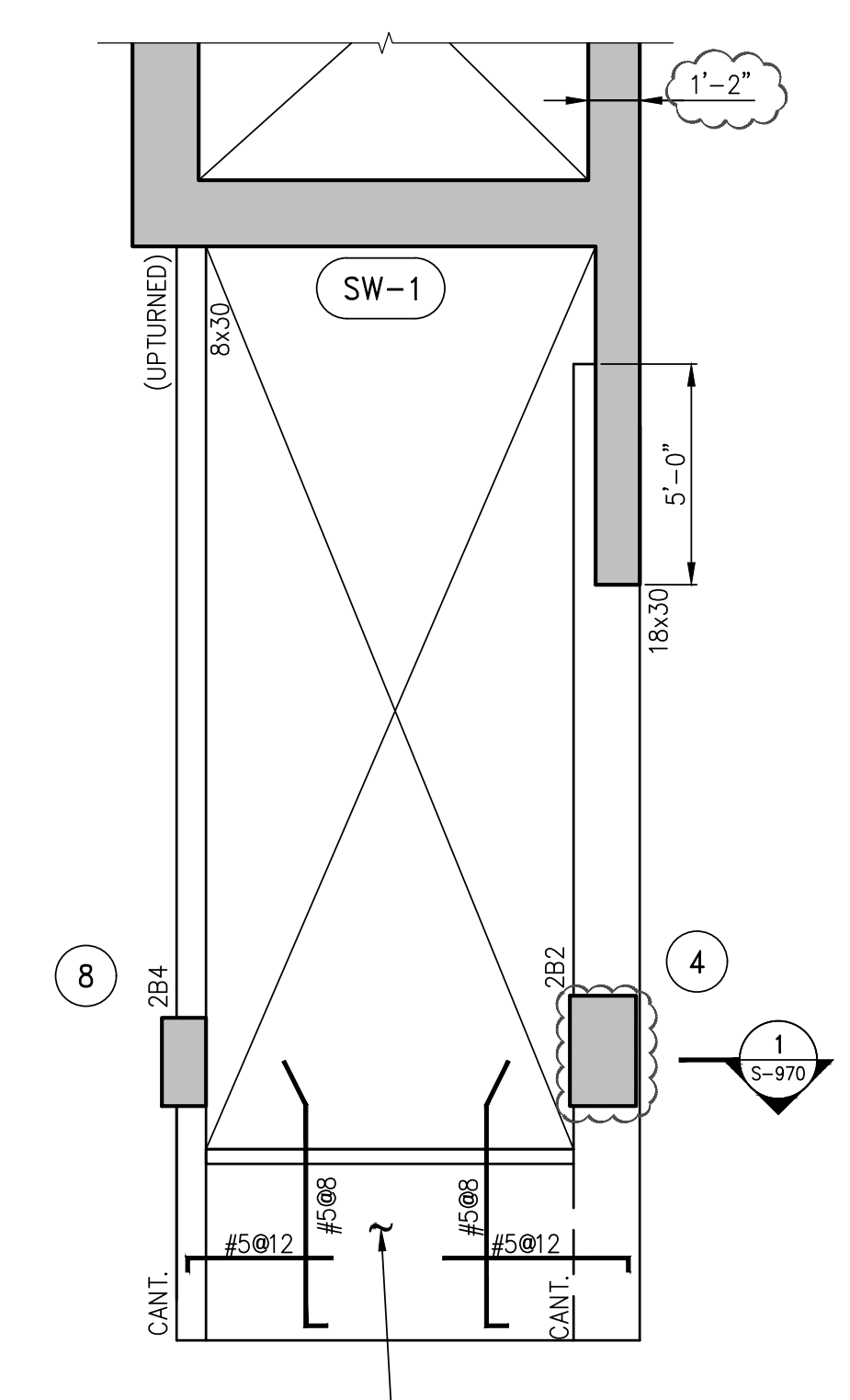


**1 2ND FLOOR FRAMING PLAN**  
 SCALE: 1/4" = 1'-0"  
**NOTES:**  
 1. TOP OF SLAB ELEVATION TO BE 7'-2 1/4" U.O.N. ON PLAN.  
 2. SLAB TO BE 12" THICK U.O.N.  
 3. BOTTOM MAT REINFORCING TO BE: #5@14 E.W. CONT. FOR 12" SLAB #4@12 E.W. CONT. FOR 8" SLAB.  
 4. FOR BALANCE OF NOTES SEE DRAWING S-010.



**2 2ND FLOOR INTERMEDIATE FRAMING PLAN (ABOVE 2ND FLOOR)**  
 SCALE: 1/4" = 1'-0"

**NOTES:**  
 1. REFER TO 1/S-5-020 FOR BALANCE OF INFORMATION

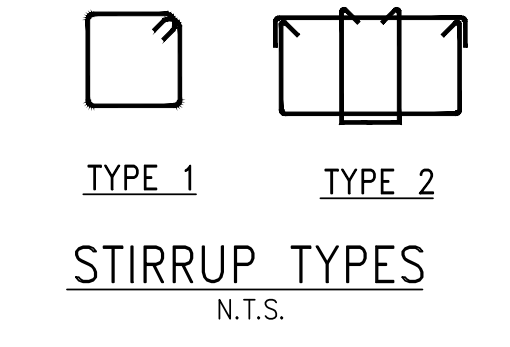


**3 2ND FLOOR INTERMEDIATE FRAMING PLAN (ABOVE 2ND FLOOR)**  
 SCALE: 1/4" = 1'-0"

**NOTES:**  
 1. REFER TO 1/S-5-020 FOR BALANCE OF INFORMATION

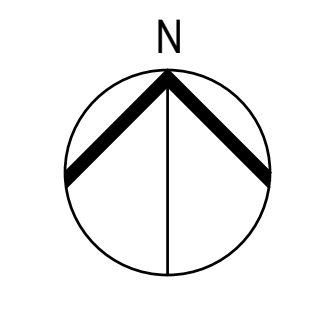
BEAM SCHEDULE								
BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS		REMARKS	
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE		SPACING
2B1	8x30	2-#9	2-#9		1	#4	@12	UPTURNED
2B2	18x30	2-#9	2-#9		1	#4	@12	6-#9 E.F. SKIN BEINF
2B3	12x60	2-#9	4-#11 (2 LAYERS)		1	#4	@12	#4@12 SKIN REINF. EACH FACE
2B4	8x30	2-#9	2-#9		1	#4	@12	UPTURNED

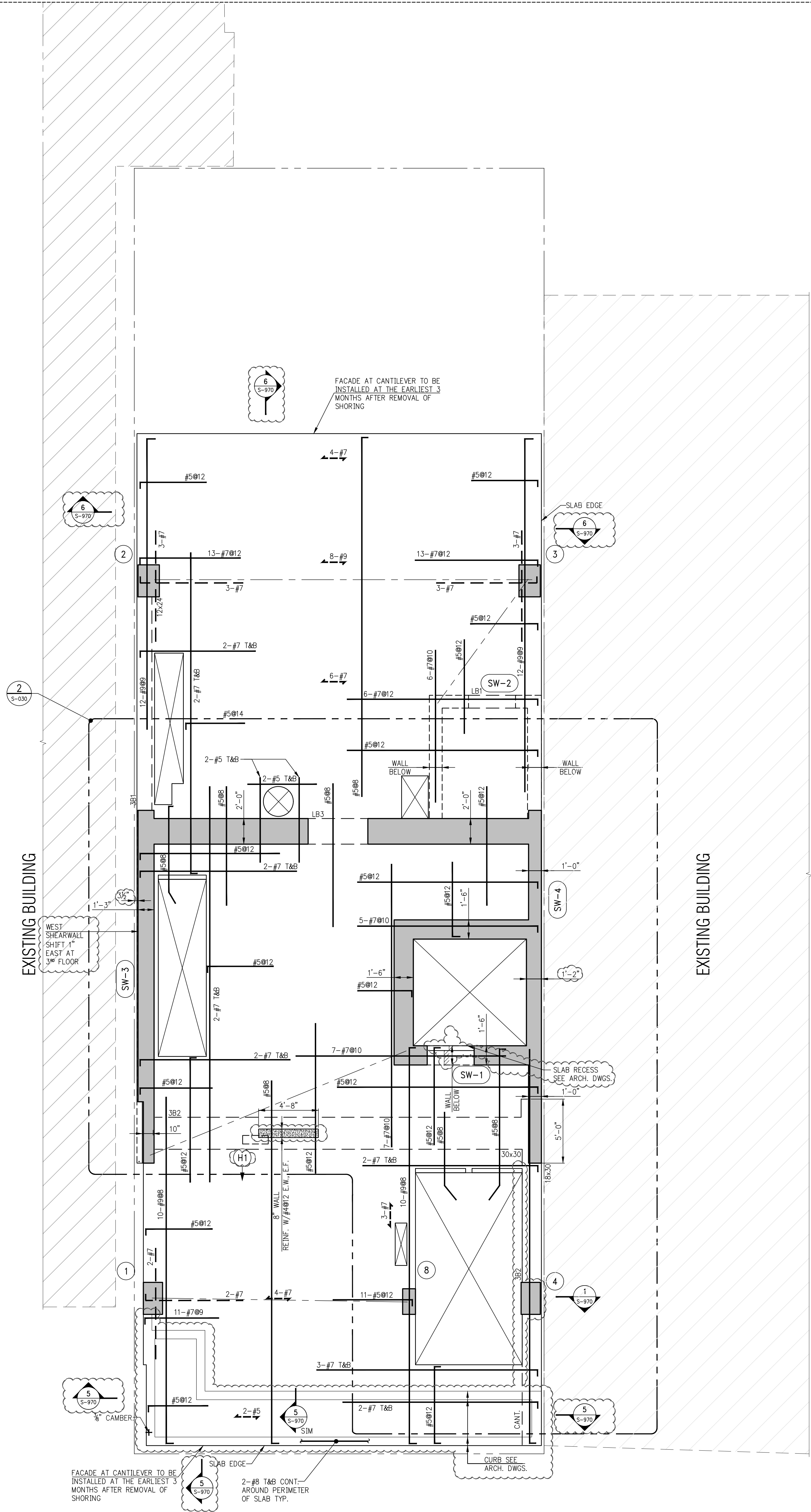
**NOTES:**  
 REFER TO ELEVATOR SHEAVE BEAM DETAIL ON DWG. S-960.



SCHEDULE OF STUDRAIL SLAB SHEAR REINFORCEMENT AT COLUMNS										
STUD RAIL MARK	COLUMN NUMBER	SLAB THICKNESS "h" (IN)	NUMBER OF FACES REINFORCED	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING'S (IN)	REMARKS
SR2A	566	12	2	2	2	4	3/8	5	4 1/2"	
SR2B	4	12	3	3	2	7	3/8	8	5"	

**NOTES:**  
 REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.



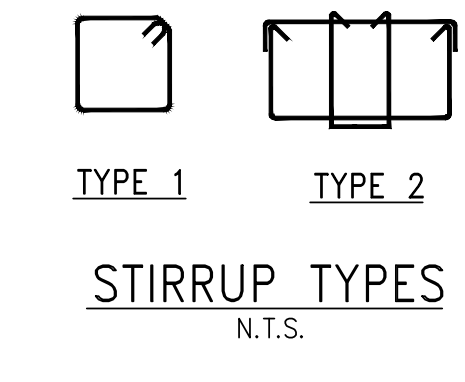


1 3<sup>RD</sup> FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"

- NOTES:
1. TOP OF SLAB ELEVATION TO BE 89'-2 1/4" U.O.N. ON PLAN.
  2. SLAB TO BE 14" THICK U.O.N.
  3. BOTTOM MAT REINFORCING TO BE: #5@12 E.W. CONT. FOR 14" SLAB  
#4@12 E.W. CONT. FOR 9" SLAB.
  4. FOR BALANCE OF NOTES SEE DRAWING S-010.

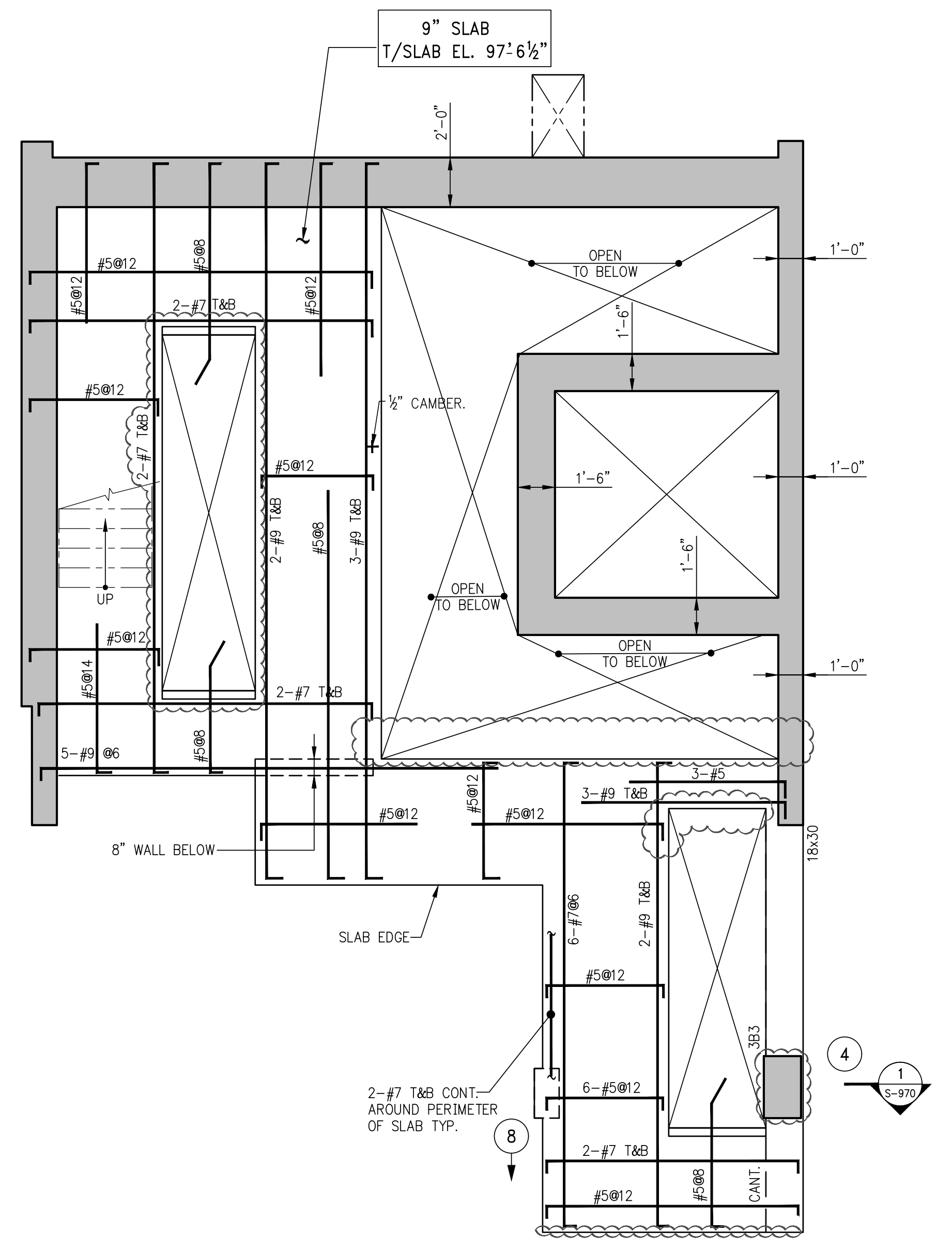
BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS			REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	SPACING	
3B1	12x24	2-#9	2-#9		1	#4	@12	
3B2	30x30	5-#11	2-#9		1	#4	@12	5-#9 E.F. SKIN REIN.
3B3	18x30	2-#9	2-#9		1	#4	@12	

NOTES:  
REFER TO ELEVATOR SHEAVE BEAM DETAIL ON DWG. S-960.



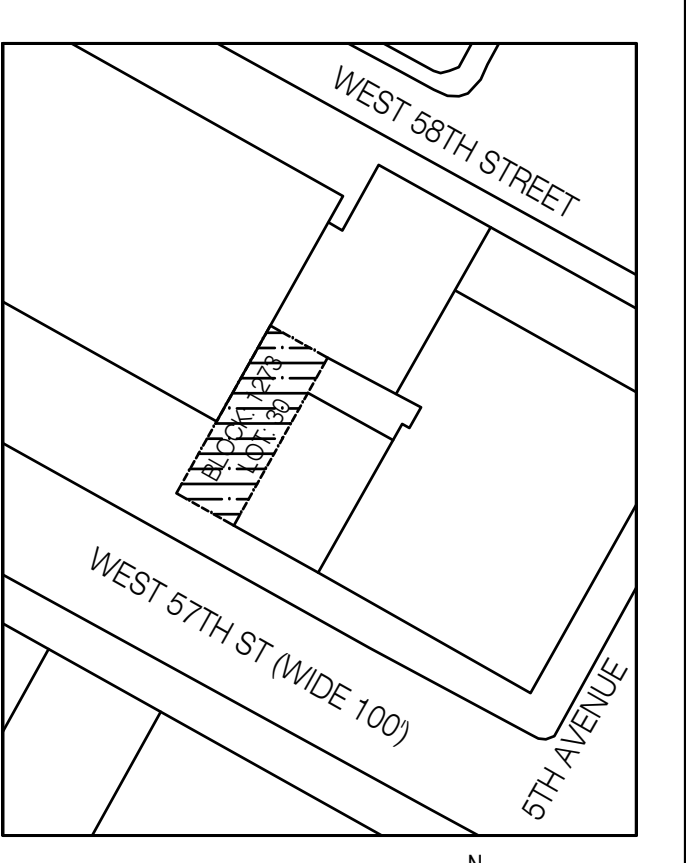
STUD RAIL MARK	COLUMN NUMBER	SLAB THICKNESS 'h' (IN)	NUMBER OF FACES OF REINFORCING	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING'S (IN)	REMARKS

NOTES:  
REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.



2 3<sup>RD</sup> FLOOR INTERMEDIATE FRAMING PLAN (ABOVE 3<sup>RD</sup> FLOOR)  
SCALE: 1/4" = 1'-0"

- NOTES:
1. FOR BALANCE OF NOTES SEE 3<sup>RD</sup> FLOOR FRAMING PLAN



KEY PLAN

NOTES:

07	05/26/2017	100% CD
06	04/19/2017	90% CD
05	03/21/2017	80% CD
04	03/03/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER OWNER COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
Project: 7 WEST 57TH STREET NEW YORK, NY 10019

Client: **SOLO57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: **HILL WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8602

Interior Designer: **Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer: **WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888

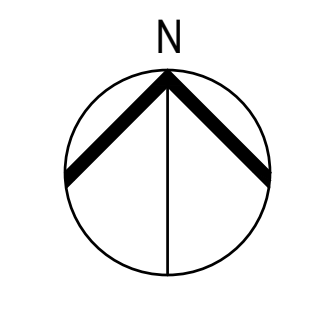
MEP/FE Engineer: **COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-9600

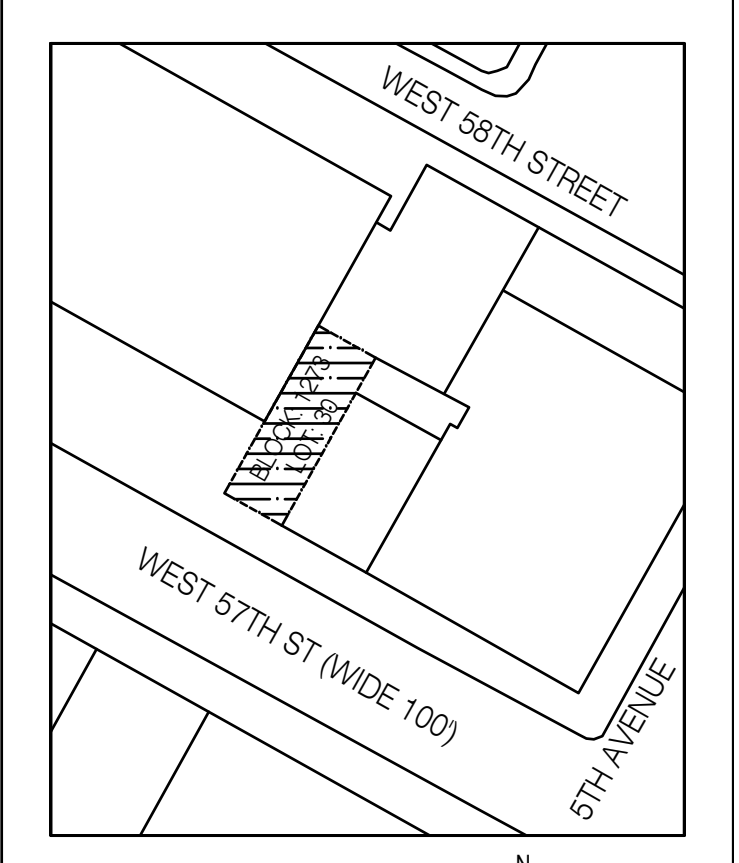
Building Envelope Consultant: **VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE: 3<sup>RD</sup> FLOOR FRAMING PLAN

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"  
**S-030.00**  
DWG NO.  
NB#121191441





**KEY PLAN**

**NOTES:**

01	12/1/2016	DOB SUBMISSION
02	02/17/2017	6% CD
03	02/17/2017	ISSUED AS PER ENERGY COMMENTS
04	03/03/2017	DOB SUBMISSION
05	03/17/2017	6% CD
06	04/19/2017	9% CD
07	04/19/2017	9% CD
08	05/26/2017	100% CD

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project:

**7  
WEST 57TH STREET  
NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8602

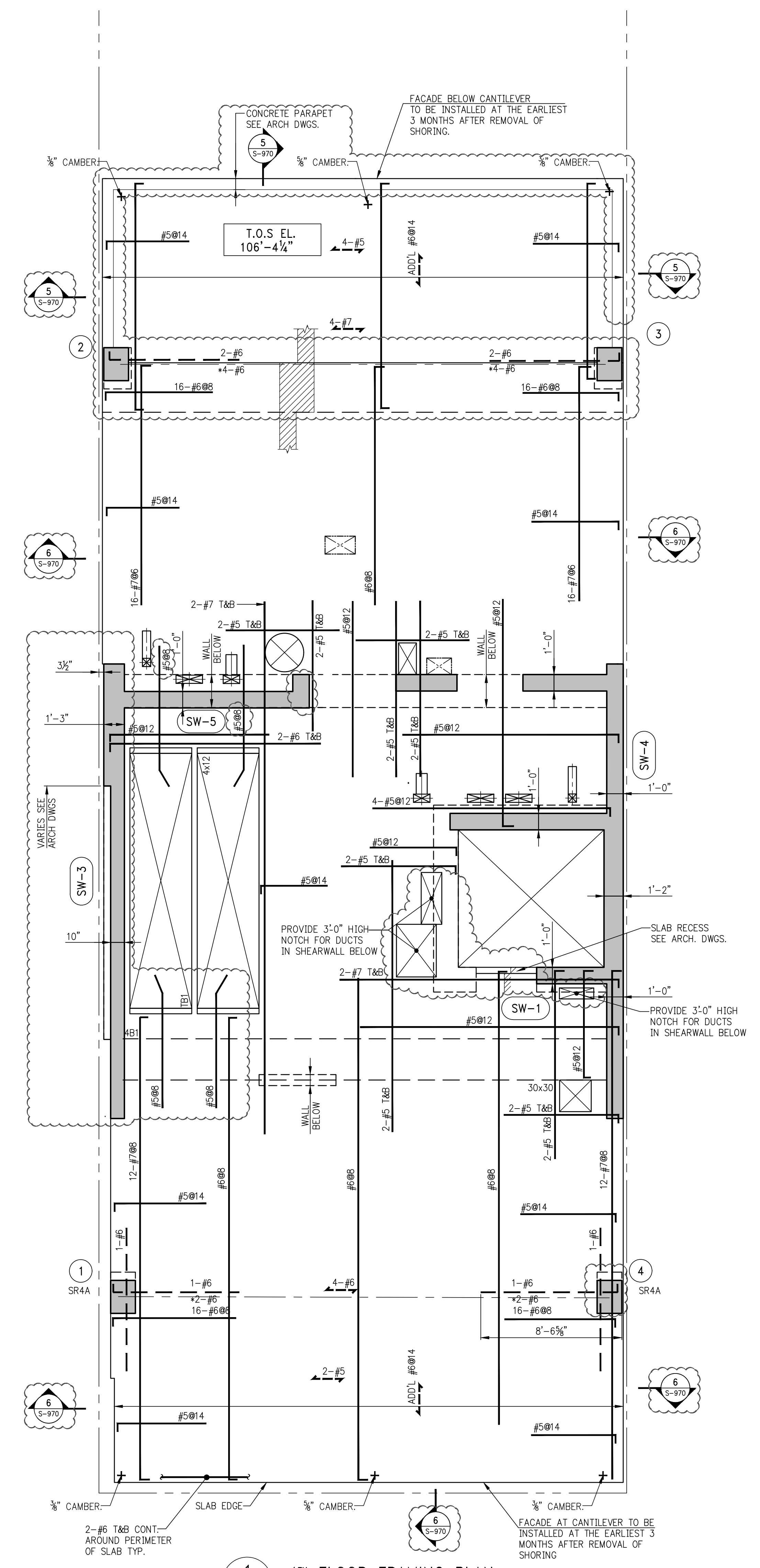
Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

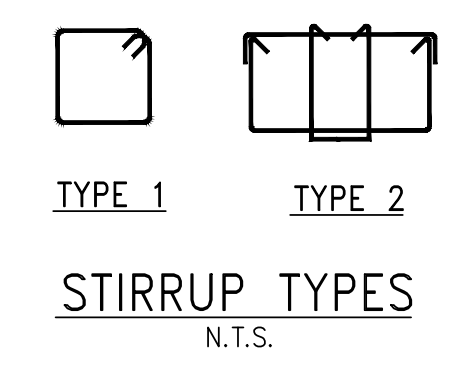


**1 4TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:**
1. TOP OF SLAB ELEVATION TO BE : 107'-2 1/4" U.O.N ON PLAN.
  2. SLAB TO BE 12" THICK U.O.N.
  3. BOTTOM MAT REINFORCING TO BE #5@14 E-W CONT.
  4. FOR BALANCE OF NOTES SEE DRAWING S-010.

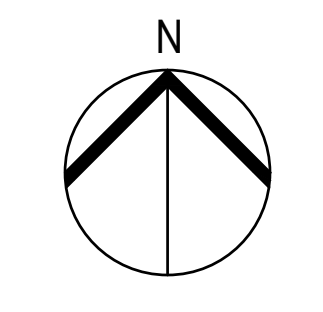
BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS			REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	SPACING	
4B1	30x30	(4-#5)	(4-#7)		(2)	#4	@12	

NOTES:  
REFER TO ELEVATOR SHEAVE BEAM DETAIL ON DWG. S-960.



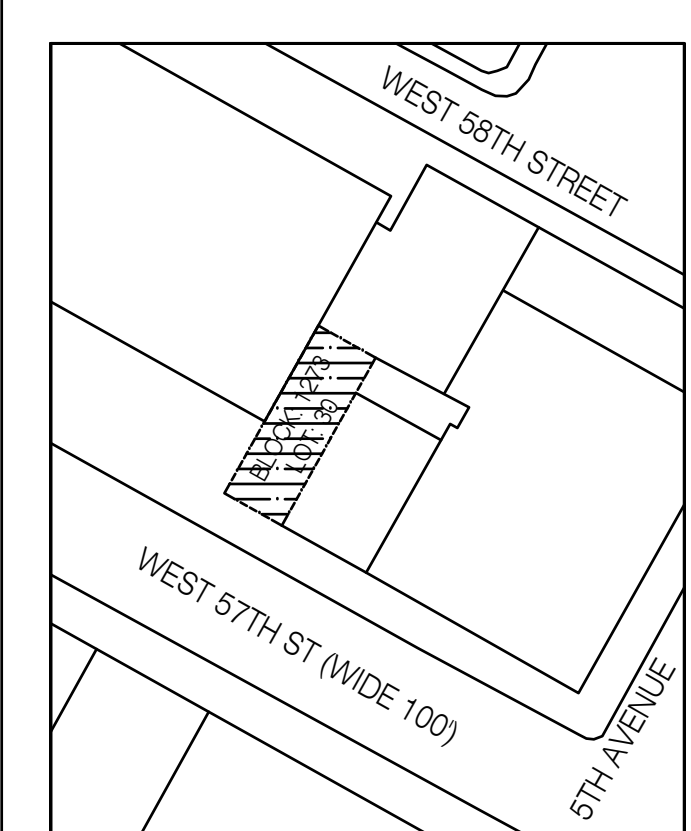
STUD RAIL MARK	COLUMN NUMBER	SLAB THICKNESS 'h' (IN)	NUMBER OF FACES REINFORCED	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING'S (IN)	REMARKS
SR4A	1 & 4	12	3	(3)	2	(7)	3/8	(6)	(5)	

NOTES:  
REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.



DWG TITLE:  
**4TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE: \_\_\_\_\_  
DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"  
**S-040.00**  
DWG NO.  
NB#121191441

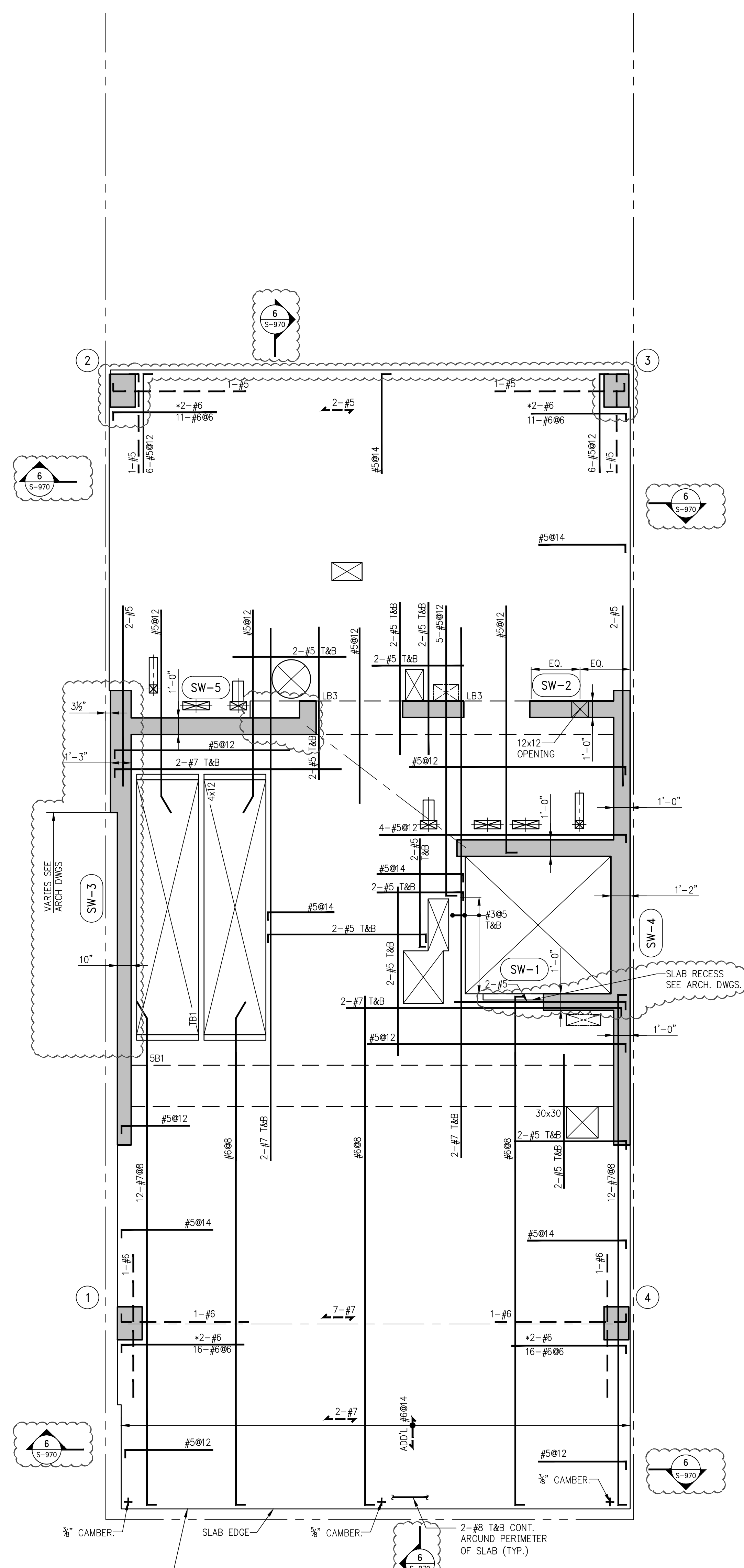


**KEY PLAN**

**NOTES:**

07	05/26/2017	100% CD
06	04/19/2017	90% CD
05	03/17/2017	80% CD
04	03/03/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER OWNER COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	DOB SUBMISSION

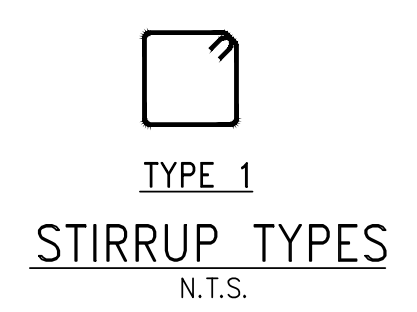
Number:	Date:	Revision:
Project:	7 WEST 57TH STREET NEW YORK, NY 10019	
Client:	SOLOW57 SLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019	
Architect:	HILL WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212.213.8007	
Interior Designer:	Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007	
Structural Engineer:	WSP   PARSONS BRINCKERHOFF ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-8888	
MEPFP Engineer:	COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-3600	
Building Envelope Consultant:	VIDARIS 360 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389	



**1 5TH - 7TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

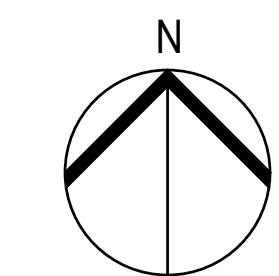
- NOTES:**
- TOP OF SLAB ELEVATION TO BE:  
118'-6 1/4" @ 5TH FLOOR U.O.N. ON PLAN  
129'-10 1/4" @ 6TH FLOOR U.O.N. ON PLAN  
141'-2 1/4" @ 7TH FLOOR U.O.N. ON PLAN
  - SLAB TO BE 12" THICK U.O.N.
  - BOTTOM MAT REINFORCING TO BE #5@14 E.W. CONTINUOUS.
  - FOR BALANCE OF NOTES SEE DRAWING S-010 (1ST FLOOR FRAMING PLAN).

BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	
S81	30x30	4-#9	4-#7		2	#4	Ø12



STUD RAIL MARK	FLOOR	COLUMN NUMBER	SLAB THICKNESS 'h' (IN)	NUMBER OF FACES REINFORCED	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING'S (IN)	REMARKS
SR5B	5th-7th	1 & 4	12	3	3	2	7	3/8	8	5	

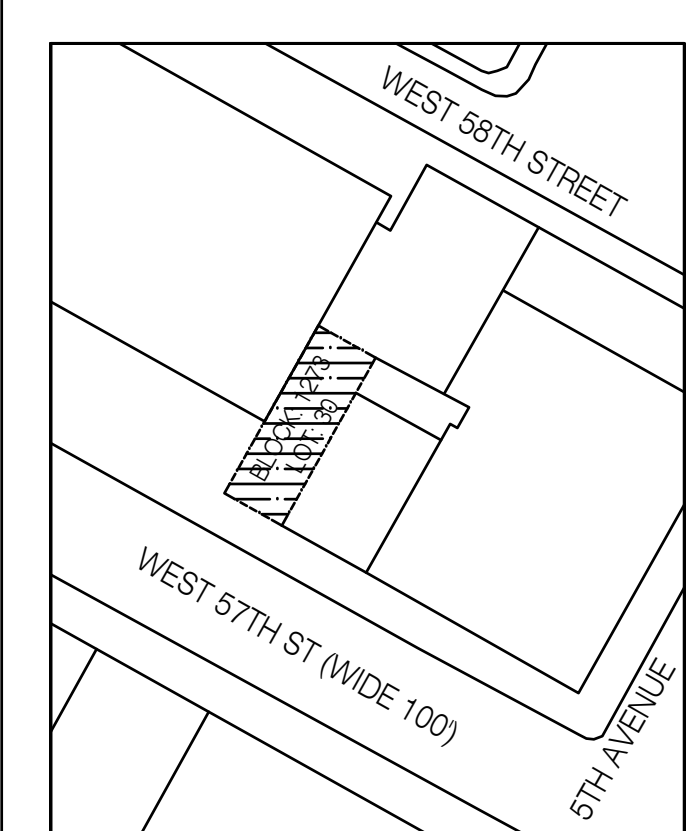
**NOTES:**  
REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.



**5TH - 7TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE: [Signature]  
DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"  
**S-050.00**  
DWG. NO.  
NB#121191441





**KEY PLAN**

**NOTES:**

07	05/26/2017	100% CD
06	04/19/2017	90% CD
05	03/17/2017	80% CD
04	03/03/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER OWNER COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project:

**7**  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:

**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:

**HILL WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:

**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:

**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FP Engineer:

**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:

**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:

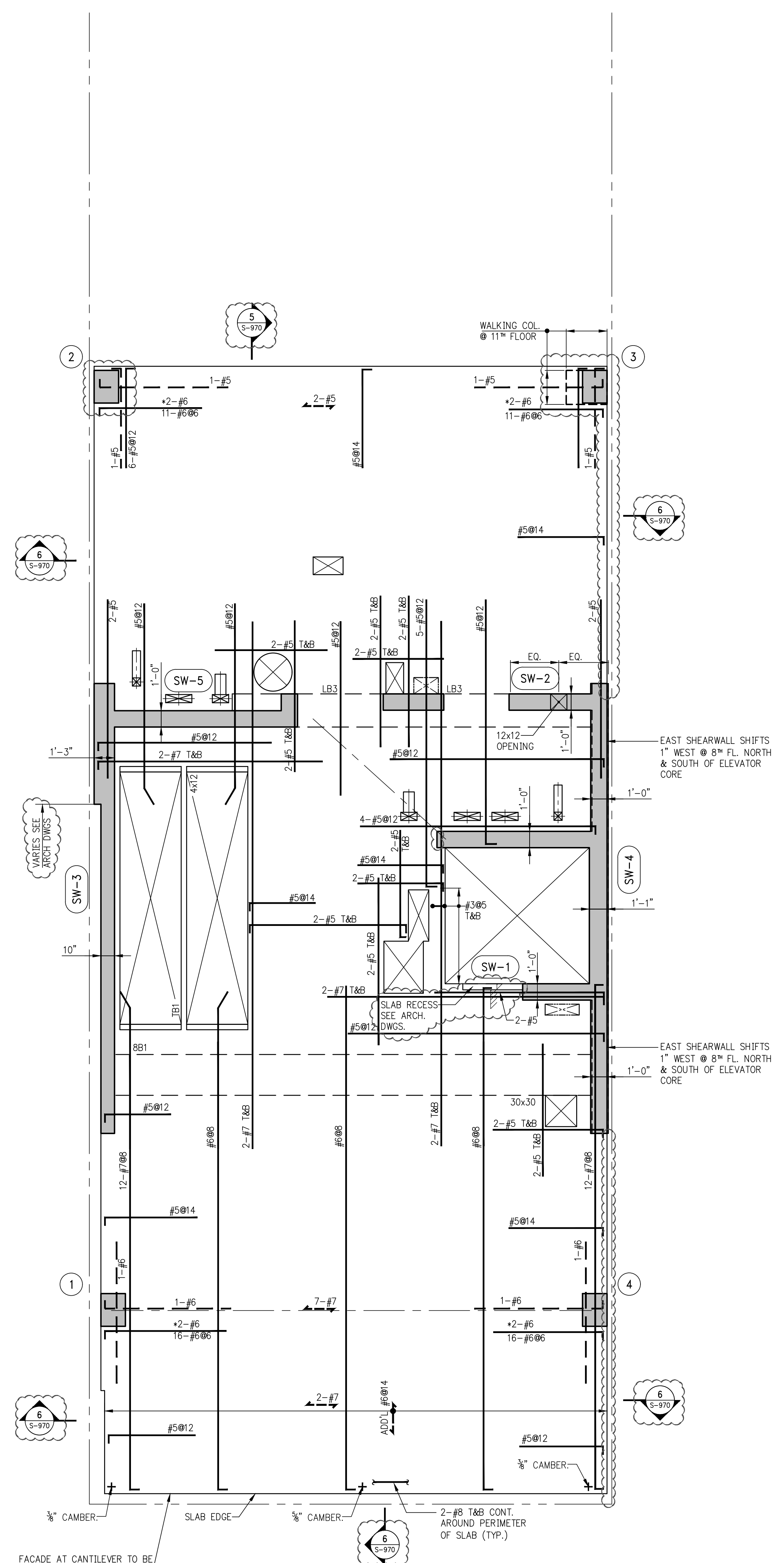
**8TH - 11TH FLOOR  
FRAMING PLAN**

SEAL & SIGNATURE:

DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"

**S-080.00**

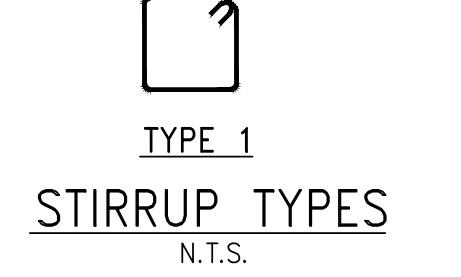
DWG NO.  
NB#121191441



**1 8TH - 11TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

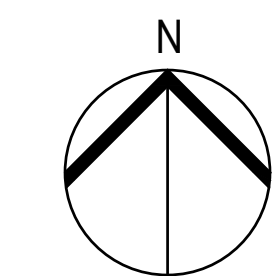
- NOTES:**
- TOP OF SLAB ELEVATION TO BE:  
152'-64" @ 8th FLOOR U.O.N. ON PLAN  
163'-104" @ 9th FLOOR U.O.N. ON PLAN  
175'-24" @ 10th FLOOR U.O.N. ON PLAN  
186'-64" @ 11th FLOOR U.O.N. ON PLAN
  - SLAB TO BE 12" THICK U.O.N.
  - BOTTOM MAT REINFORCING TO BE #5@14 E.W. CONTINUOUS.
  - FOR BALANCE OF NOTES SEE DRAWING S-010 (1st FLOOR FRAMING PLAN).

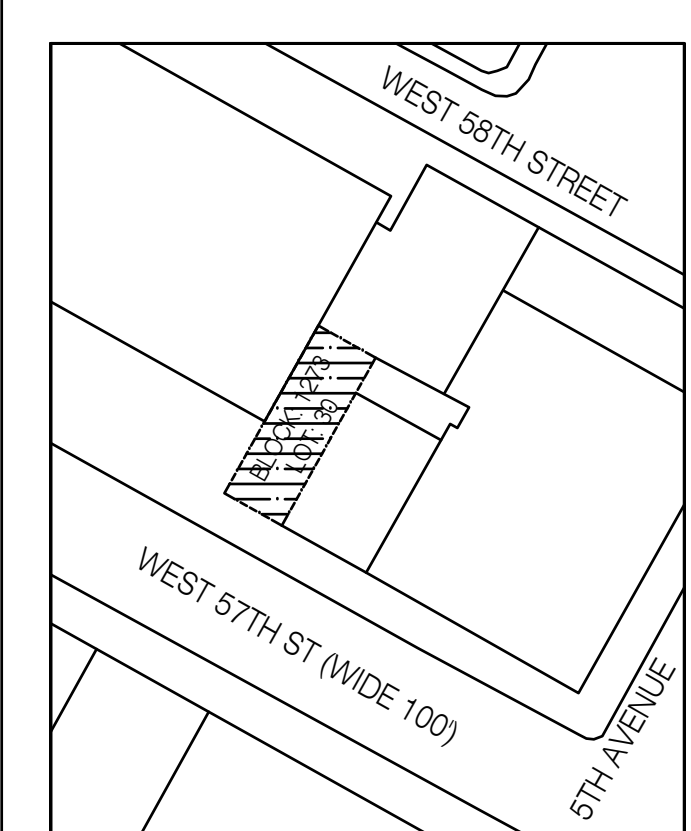
BEAM SCHEDULE							
BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	
8B1	30x30	4-#9	4-#7		2	#4	Ø12



SCHEDULE OF STUDRAIL SLAB SHEAR REINFORCEMENT AT COLUMNS												
STUD RAIL MARK	FLOOR	COLUMN NUMBER	SLAB THICKNESS 'h' (IN)	NUMBER OF FACES REINFORCED	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING'S (IN)	REMARKS	
SRBA	8th-11th	2 & 3	12	2	2	3	5	3/8	12	5		
SRBB	8th-11th	1 & 4	12	3	3	2	7	3/8	8	5		

NOTES:  
REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.





**KEY PLAN**

**NOTES:**

07		
06		
05		
04		
03		
02	06.30.2017	100% CD
01	04.19.2017	95% CD

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project:  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8602

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

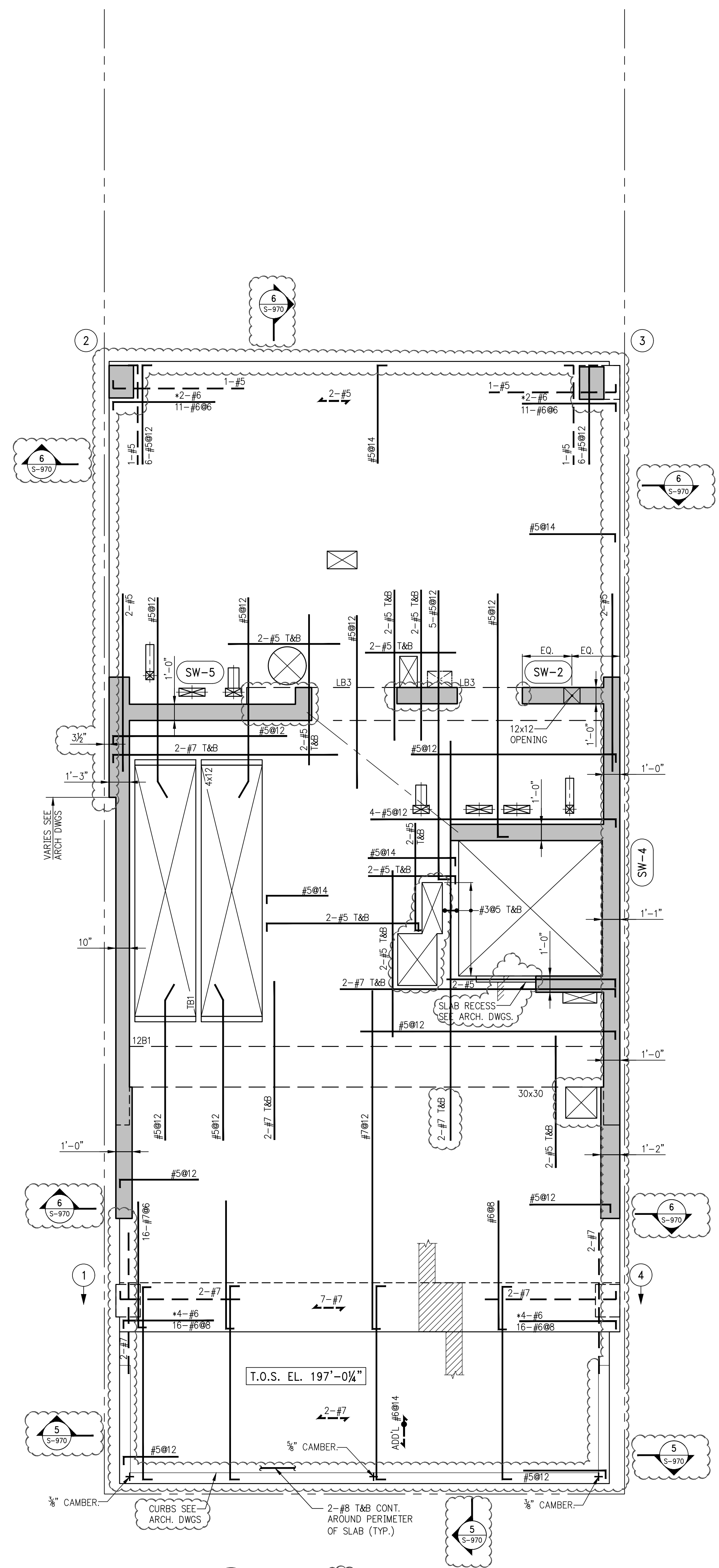
MEP/PF Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**12TH FLOOR**  
**FRAMING PLAN**

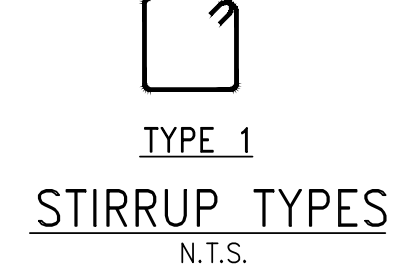
SEAL & SIGNATURE:  
 DATE: 02/17/2017  
 PROJECT #: 1605937  
 SCALE: 1/4" = 1'-0"  
**S-120.00**  
 DWG NO



**2 12TH FLOOR PART FRAMING PLAN**  
 SCALE: 1/4" = 1'-0"

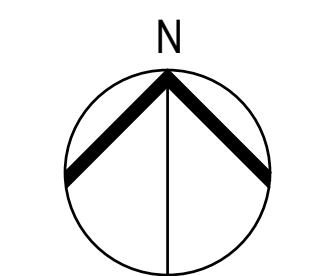
- NOTES:**
1. TOP OF SLAB ELEVATION TO BE 197'-10 1/4" U.O.M. ON PLAN
  2. SLAB TO BE 12" THICK U.O.M.
  3. BOTTOM MAX REINFORCING TO BE #5@14 E-W CONTINUOUS.
  4. FOR BALANCE OF NOTES SEE DRAWING S-010 (1<sup>ST</sup> FLOOR FRAMING PLAN).

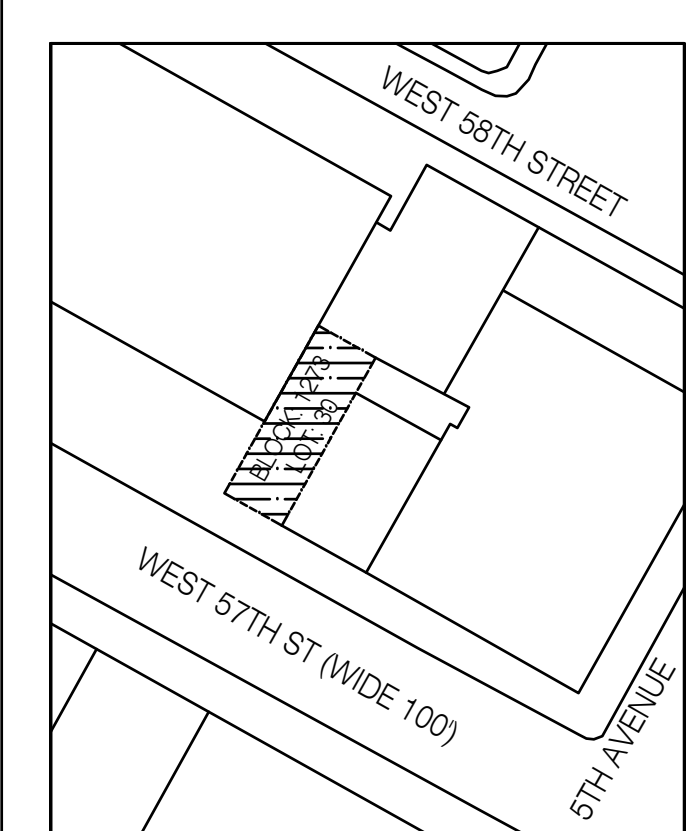
BEAM MARK	SIZE (WxD)	REINFORCEMENT		STIRRUPS			REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	
12B1	30x30	4-#9	4-#7		2 #4	Ø12	



STUD RAIL MARK	FLOOR	COLUMN NUMBER	SLAB THICKNESS 'h' (IN)	NUMBER OF FACES REINFORCED	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING'S (IN)	REMARKS
SR12A	12 <sup>th</sup>	2 & 3	12	2	2	3	5	3/8	12	5	

NOTES:  
 REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.





**KEY PLAN**

**NOTES:**

07		
06		
05		
04		
03		
02	06.30.2017	100% CD
01	04.19.2017	95% CD

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project:  
**7 WEST 57TH STREET  
 NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL | WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8602

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

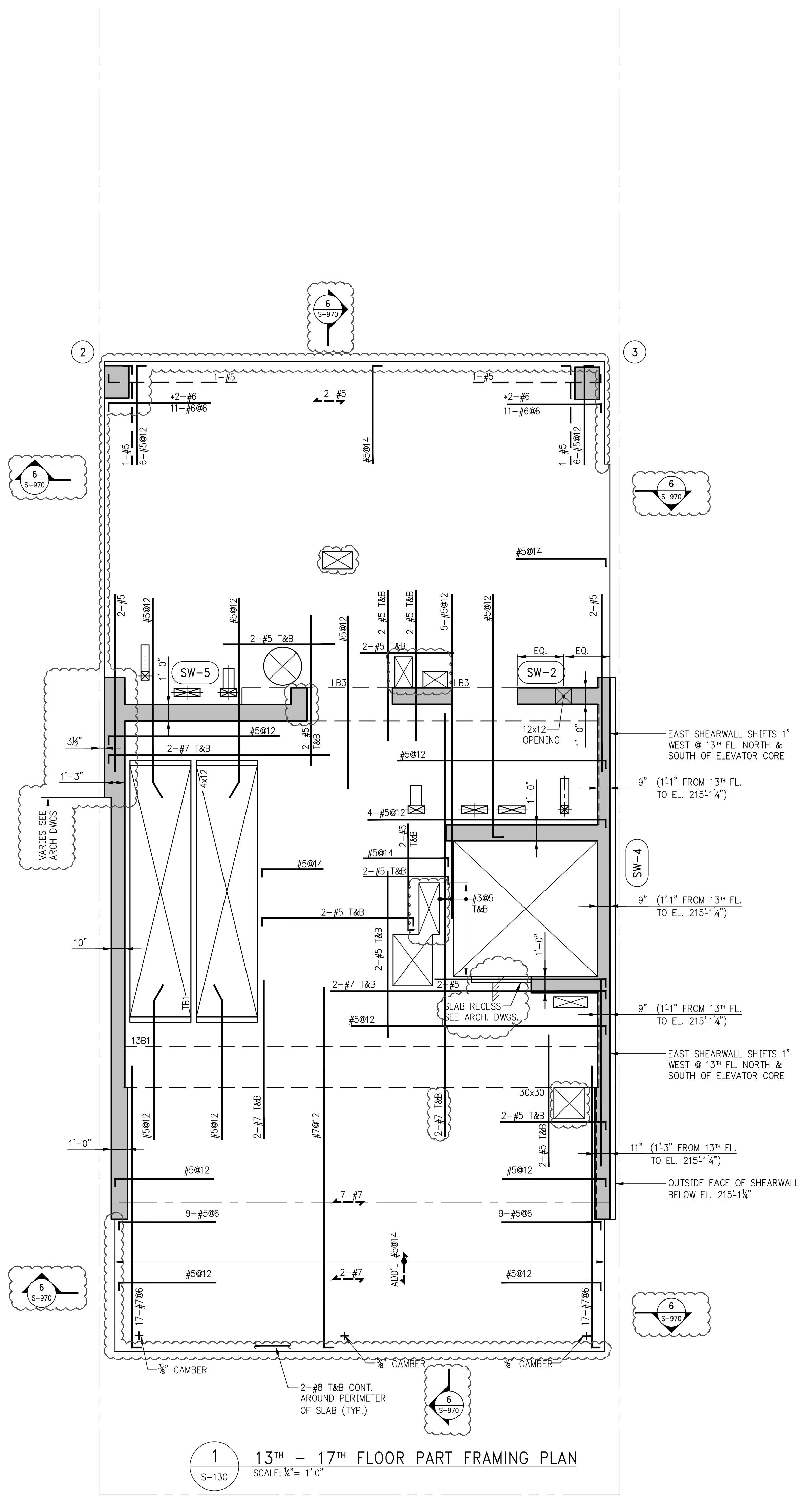
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**13TH - 17TH FLOOR  
 FRAMING PLAN**

SEAL & SIGNATURE:  
 DATE: 02/17/2017  
 PROJECT #: 1609937  
 SCALE: 1/4" = 1'-0"  
**S-130.00**  
 DWG NO.  
 NB#121191441



**1 13TH - 17TH FLOOR PART FRAMING PLAN**  
 SCALE: 1/4" = 1'-0"

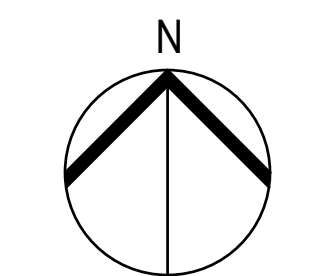
- NOTES:**
- TOP OF SLAB ELEVATION TO BE:  
 209'-2 1/4" @ 13TH FLOOR U.O.N. ON PLAN  
 220'-6 1/4" @ 14TH FLOOR U.O.N. ON PLAN  
 231'-10 1/4" @ 15TH FLOOR U.O.N. ON PLAN  
 243'-2 1/4" @ 16TH FLOOR U.O.N. ON PLAN  
 254'-6 1/4" @ 17TH FLOOR U.O.N. ON PLAN
  - SLAB TO BE 12" THICK U.O.N.
  - BOTTOM MAT REINFORCING TO BE #5014 E.W. CONTINUOUS.
  - FOR BALANCE OF NOTES SEE DRAWING S-010 (1ST FLOOR FRAMING PLAN).

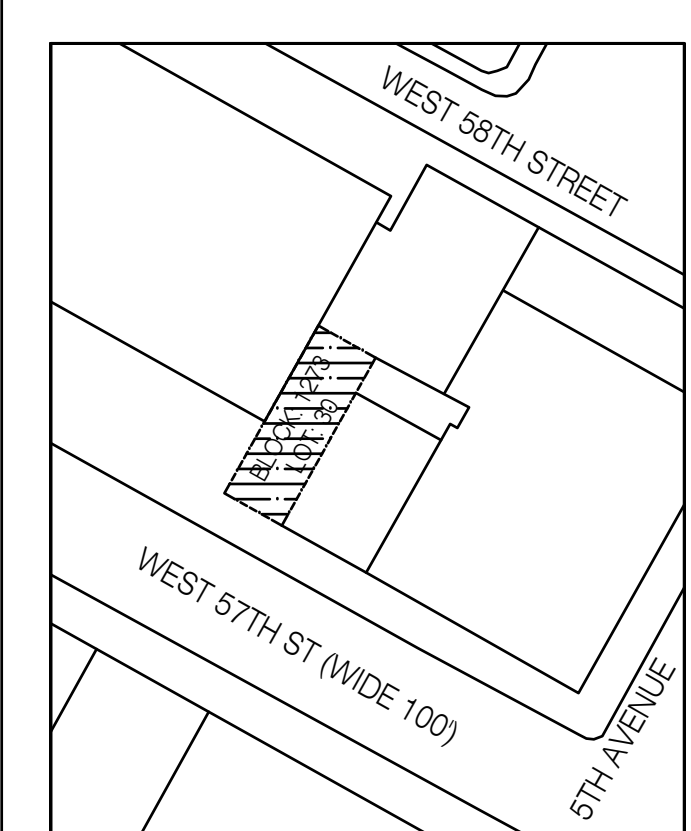
BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	
13B1	30x30	4-#9	4-#7		2	#4	Ø12

**TYPE 1**  
**STIRRUP TYPES**  
 N.T.S.

STUD RAIL MARK	FLOOR	COLUMN NUMBER	SLAB THICKNESS 'h' (IN)	NUMBER OF FACES REINFORCED	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING'S (IN)	REMARKS
SR13A	13 <sup>th</sup> -17 <sup>th</sup>	2 & 3	12	2	2	3	5	3/4"	12	5	

**NOTES:**  
 REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.





**KEY PLAN**

**NOTES:**

07		
06		
05		
04		
03		
02	06.30.2017	100% CD
01	04.19.2017	90% CD

Number:	Date:	Revision:
Project:		
7 WEST 57TH STREET NEW YORK, NY 10019		

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8607

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

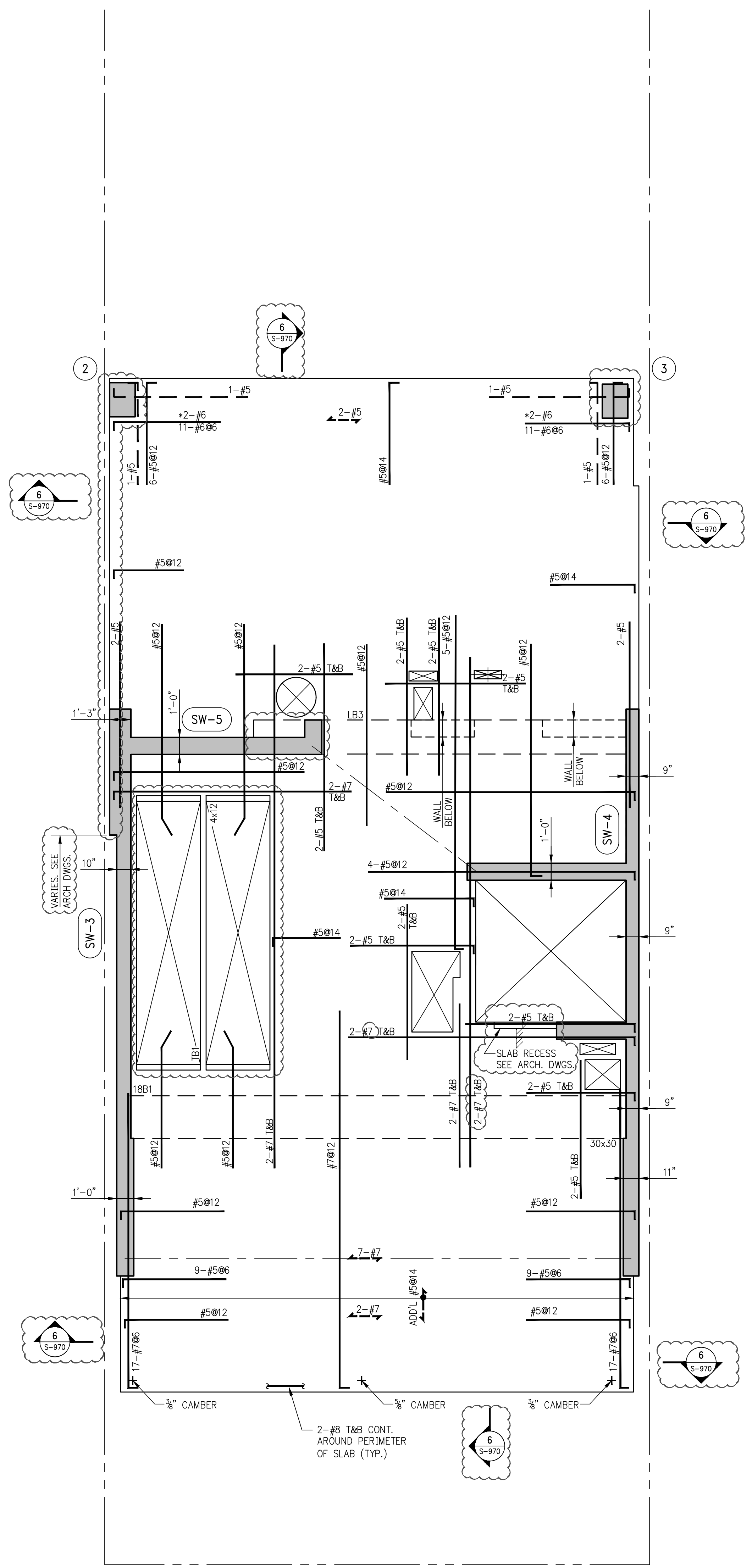
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**18TH FLOOR  
FRAMING PLAN**

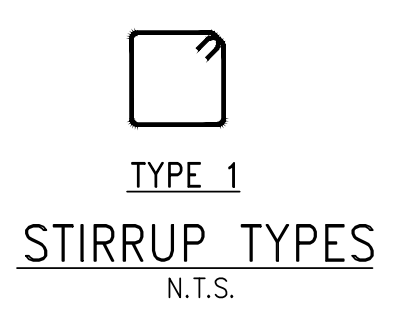
SEAL & SIGNATURE:  
DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"  
**S-180.00**  
DWG. NO.  
NB#121191441



**1 18TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

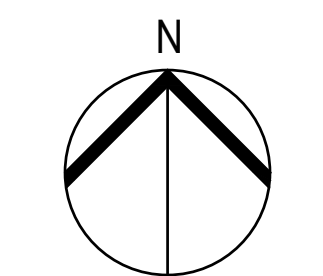
- NOTES:**
1. TOP OF SLAB ELEVATION TO BE 265'-10 1/4" U.O.N. ON PLAN
  2. SLAB TO BE 12" THICK U.O.N.
  3. BOTTOM MAT REINFORCING TO BE #5@4 E.W. CONTINUOUS.
  4. FOR BALANCE OF NOTES SEE DRAWING S-010 (1<sup>ST</sup> FLOOR FRAMING PLAN).

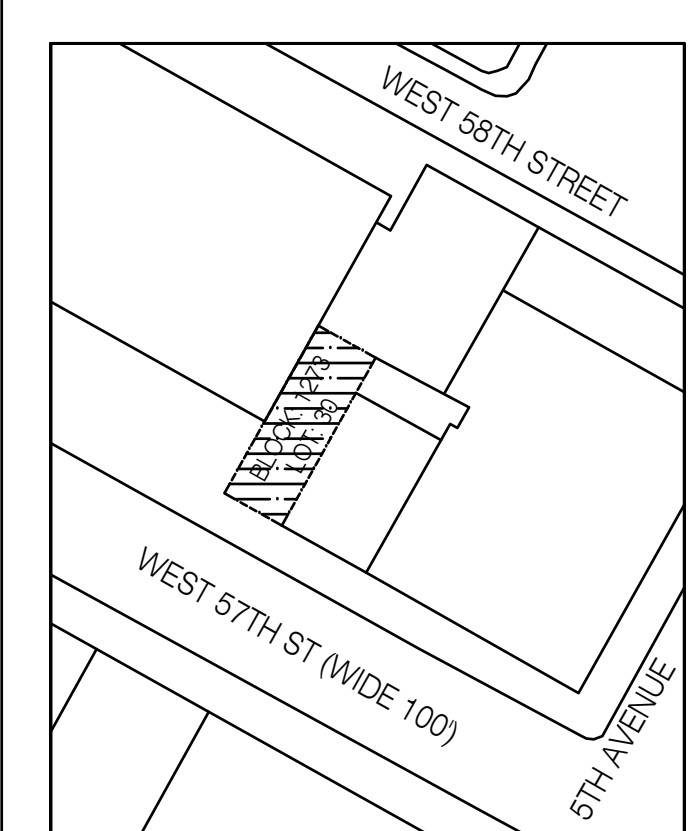
BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	
18B1	30x30	4-#9	4-#7		2	#4	



STUD RAIL MARK	FLOOR	COLUMN NUMBER	SLAB THICKNESS 'h' (IN)	NUMBER OF FACES REINFORCED	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING (IN)	REMARKS
SR18A	18 <sup>th</sup>	2 & 3	12	2	2	3	5	3/8"	12	5	

**NOTES:**  
REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.





**KEY PLAN**

**NOTES:**

07		
06		
05		
04		
03		
02	06.30.2017	100% CD
01	04.19.2017	95% CD

Number:	Date:	Revision:
Project:		
7 WEST 57TH STREET NEW YORK, NY 10019		

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8602

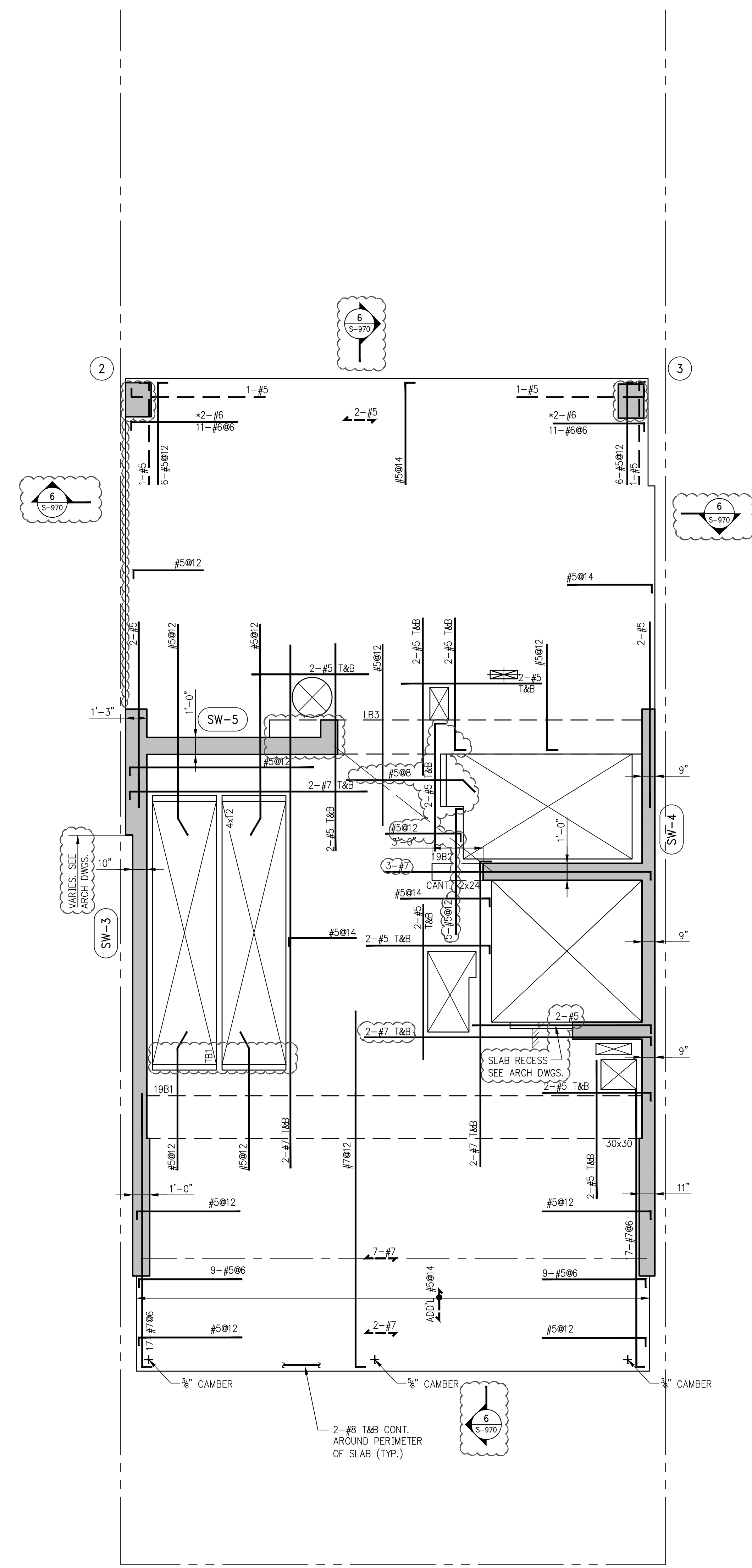
Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888

MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

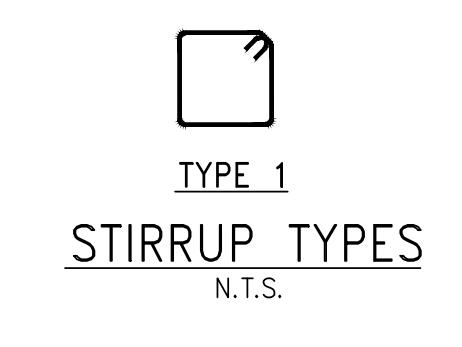
DOB STAMPS & SIGNATURES:



**1 19<sup>TH</sup> FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

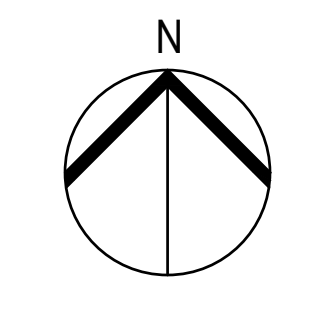
- NOTES:**
1. TOP OF SLAB ELEVATION TO BE 277'-2 1/2" U.O.N. ON PLAN
  2. SLAB TO BE 12" THICK U.O.N.
  3. BOTTOM MAT REINFORCING TO BE #5@4 E.W. CONTINUOUS.
  4. FOR BALANCE OF NOTES SEE DRAWING S-010 (1<sup>ST</sup> FLOOR FRAMING PLAN).

BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	
19B1	30x30	4-#9	4-#7		2	#4	#12
19B2	12x24	2-#7	2-#5		1	#4	#10



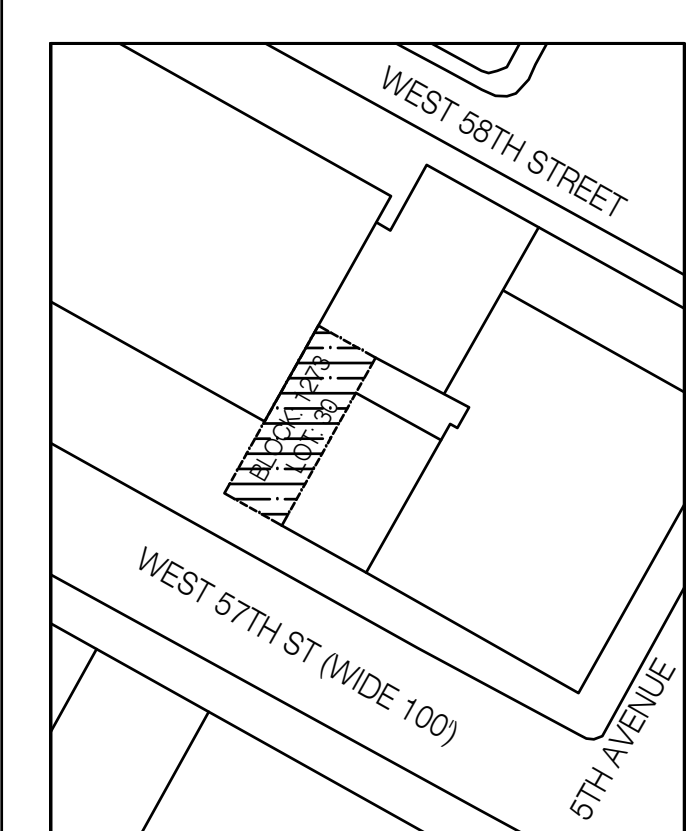
STUD RAIL MARK	FLOOR	COLUMN NUMBER	SLAB THICKNESS 'h' (IN)	NUMBER OF FACES REINFORCED	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING (IN)	REMARKS
SR19A	19 <sup>th</sup>	2 & 3	12	2	2	3	5	3/8"	12	5	

NOTES:  
REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.



**19TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE: [Signature]  
DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"  
**S-190.00**  
DWG. NO.  
NB#121191441



**KEY PLAN**

**NOTES:**

07	05/26/2017	100% CD
06	04/19/2017	90% CD
05	03/21/2017	80% CD
04	03/03/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER ENERGY COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	DOB SUBMISSION

Number:	Date:	Revision:
Project:		

7  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:  
**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8807

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

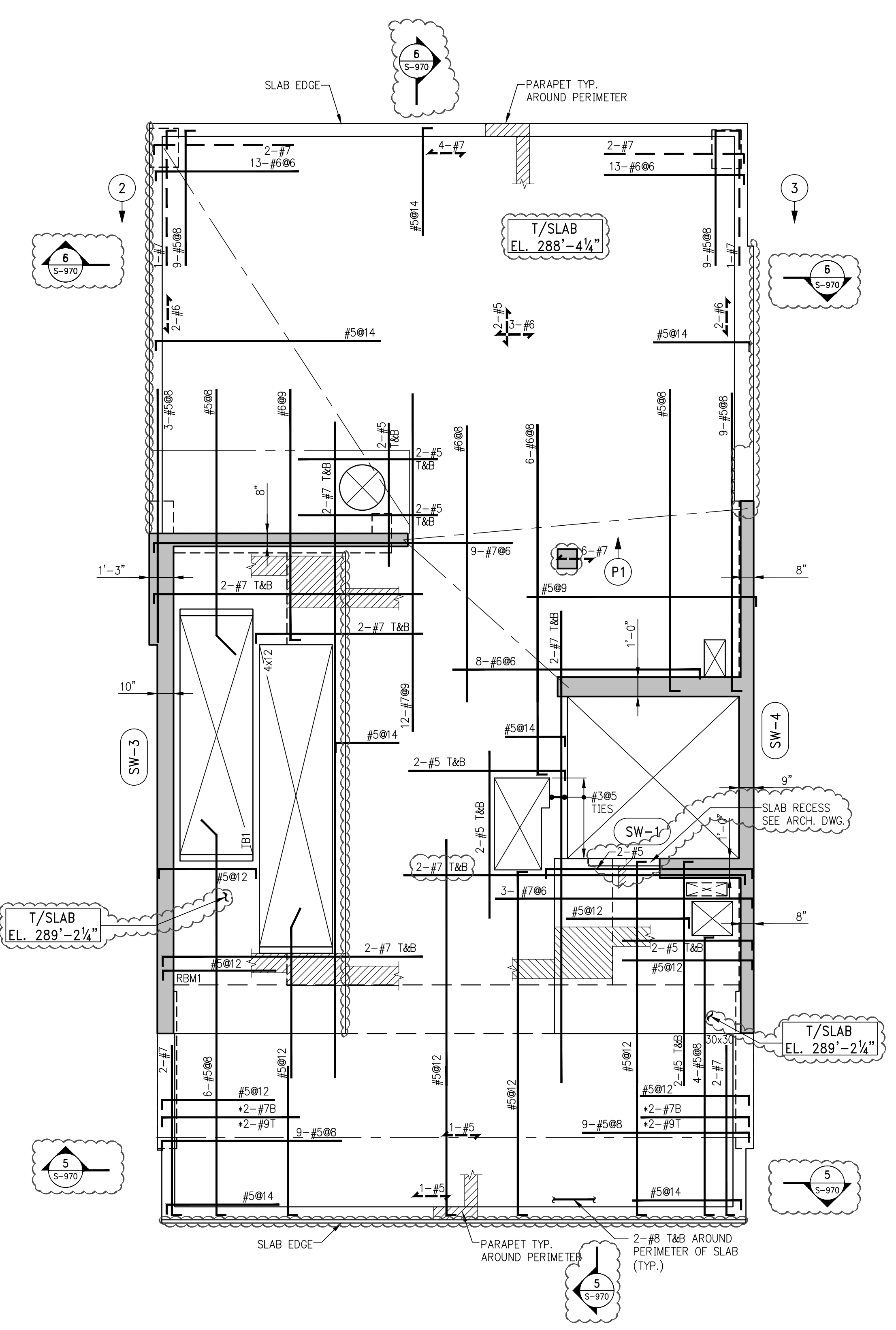
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK, NY 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

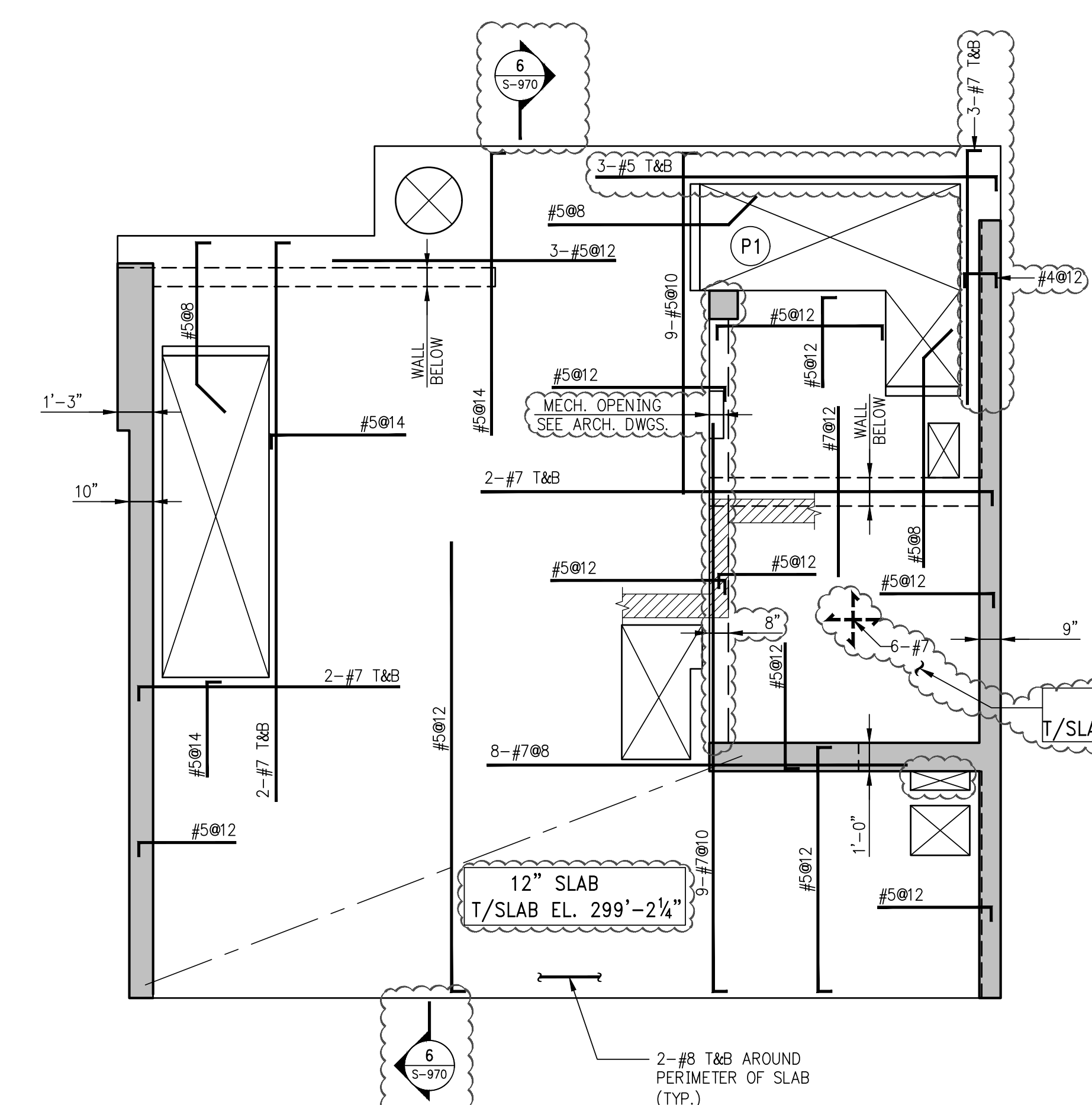
DWG TITLE:  
**MAIN ROOF, MID ROOF AND UPPER ROOF FRAMING PLAN**

SEAL & SIGNATURE:  
DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"  
**S-200.00**  
DWG NO.  
NB#121191441



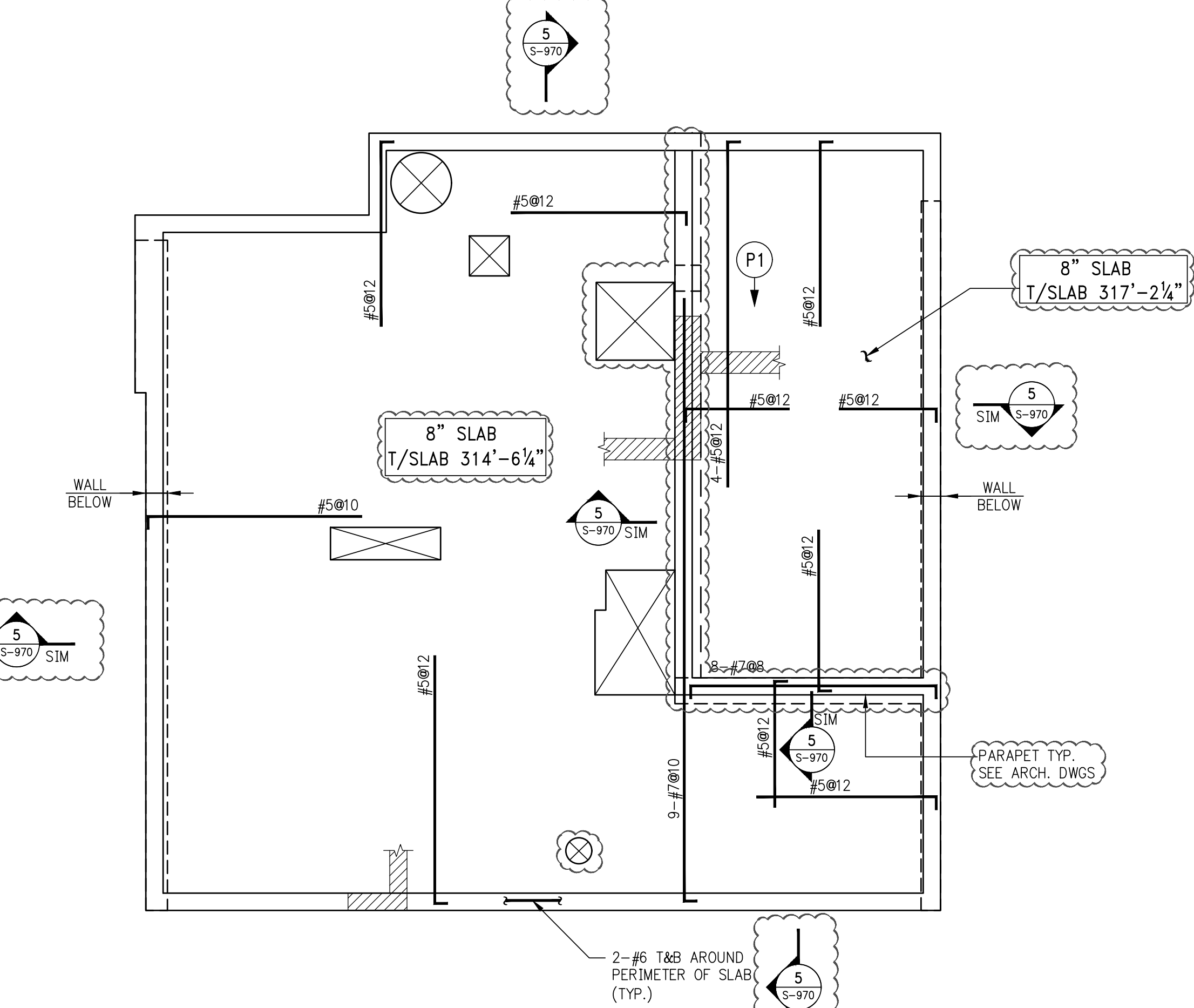
**1 MAIN ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:**
- TOP OF SLAB ELEVATION TO BE 288'-4" U.O.N. ON PLAN.
  - SLAB TO BE 12" THICK U.O.N.
  - BOTTOM MAT REINFORCING TO BE:
    - #5@14 E.W. CONTINUOUS FOR 12" SLAB.
    - #4@12 E.W. CONTINUOUS FOR 8" SLAB.
    - #5@12 E.W. CONTINUOUS FOR 14" SLAB.
  - FOR BALANCE OF NOTES SEE DRAWING S-010 (1<sup>ST</sup> FLOOR FRAMING PLAN).



**2 MID ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

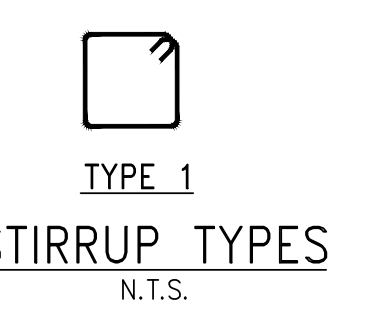
- NOTES:**
- TOP OF SLAB ELEVATION TO BE 299'-2 1/4" U.O.N. ON PLAN.
  - SLAB TO BE 12" THICK U.O.N.
  - SEE ROOF FRAMING PLAN FOR BALANCE OF INFORMATION.



**3 UPPER ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

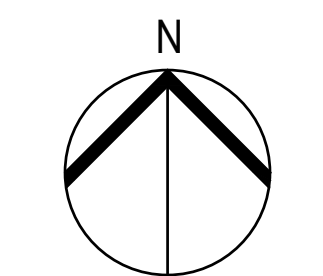
- NOTES:**
- TOP OF SLAB ELEVATION TO BE 314'-0" U.O.N. ON PLAN.
  - SLAB TO BE 8" THICK U.O.N.
  - SEE ROOF FRAMING PLAN FOR BALANCE OF INFORMATION.

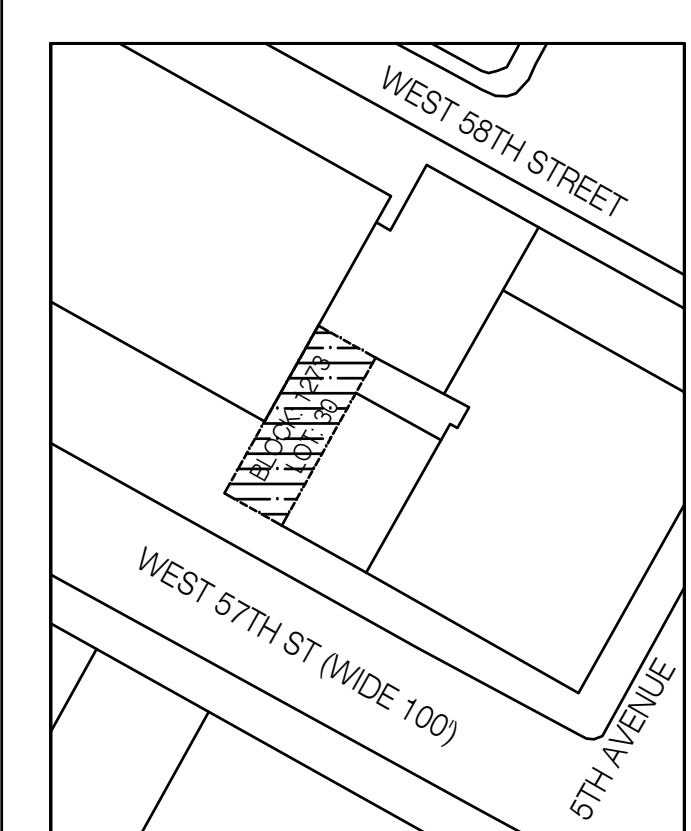
BEAM SCHEDULE							
BEAM MARK	SIZE (WxD)	REINFORCEMENT			STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	EL. SZ	
RBM1	30x30	4-#10	4-#8		2	#4	



SCHEDULE OF STUDRAIL SLAB SHEAR REINFORCEMENT AT COLUMNS											
STUD RAIL MARK	FLOOR	COLUMN NUMBER	SLAB THICKNESS 'h' (IN)	NUMBER OF FACES REINFORCED	NUMBER OF STUDRAIL ON LONGSIDE	NUMBER OF STUDRAIL ON SHORTSIDE	TOTAL NUMBER OF STUDRAILS	STUD DIAMETER	NUMBER OF STUDS PER RAIL	STUD SPACING'S (IN)	REMARKS
SR20	MAIN ROOF	2 & 3	12	2	3	2	5	3/8"	6	5	

NOTES:  
REFER TO TYPICAL STUDRAIL DETAIL ON S-957 FOR BALANCE OF INFORMATION.





**KEY PLAN**

**NOTES:**

07	03/26/2017	100% CD
06	04/19/2017	90% CD
05	03/21/2017	80% CD
04	03/03/2017	DRG SUBMISSION
03	02/12/2017	ISSUED AS PER ENERGY COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	DRG SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project:  
**7 WEST 57TH STREET  
 NEW YORK, NY 10019**

Client:  
**SOLOWS57**  
 SOLO REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL WEST ARCHITECTS**  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8602

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
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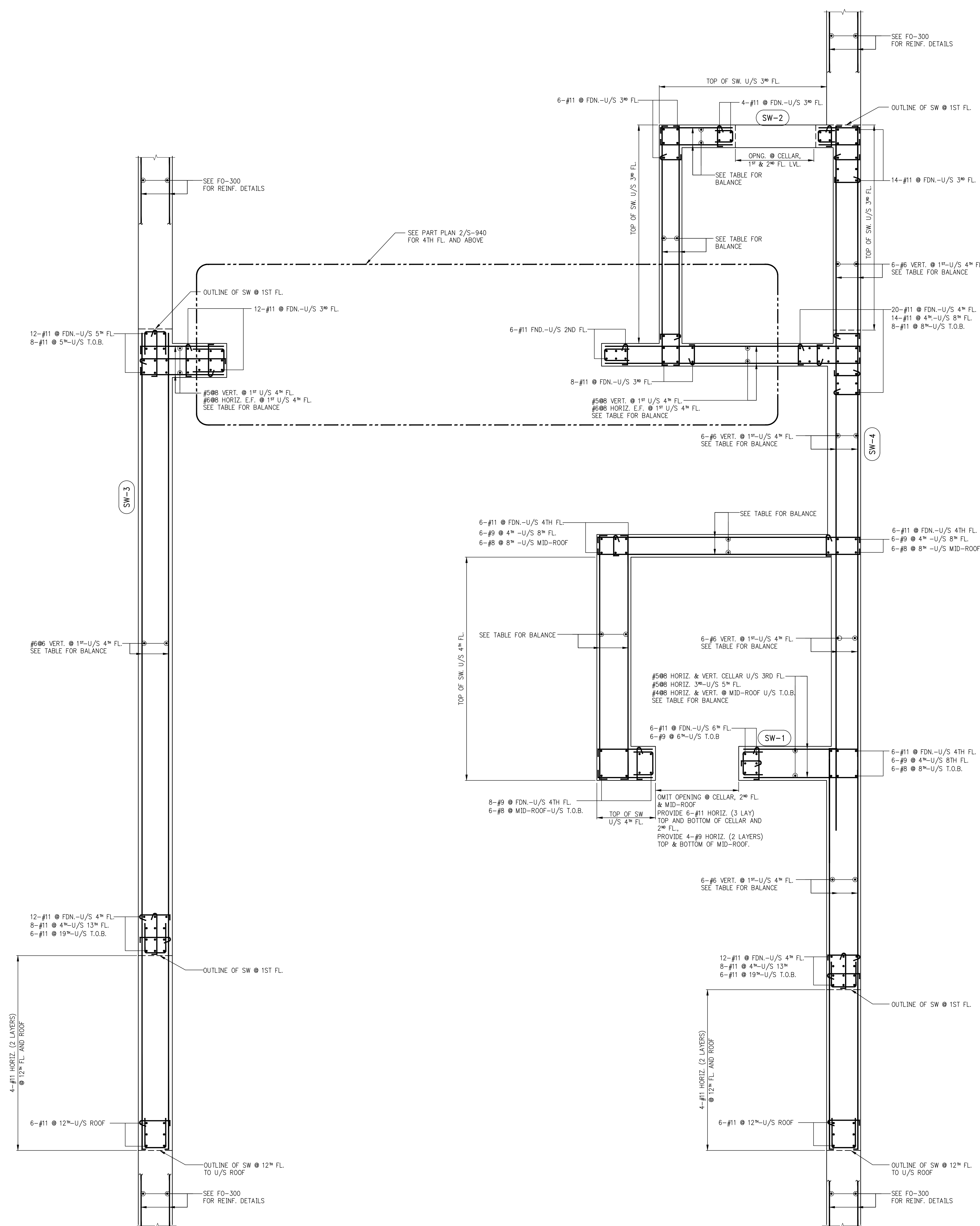
MEP/FP Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

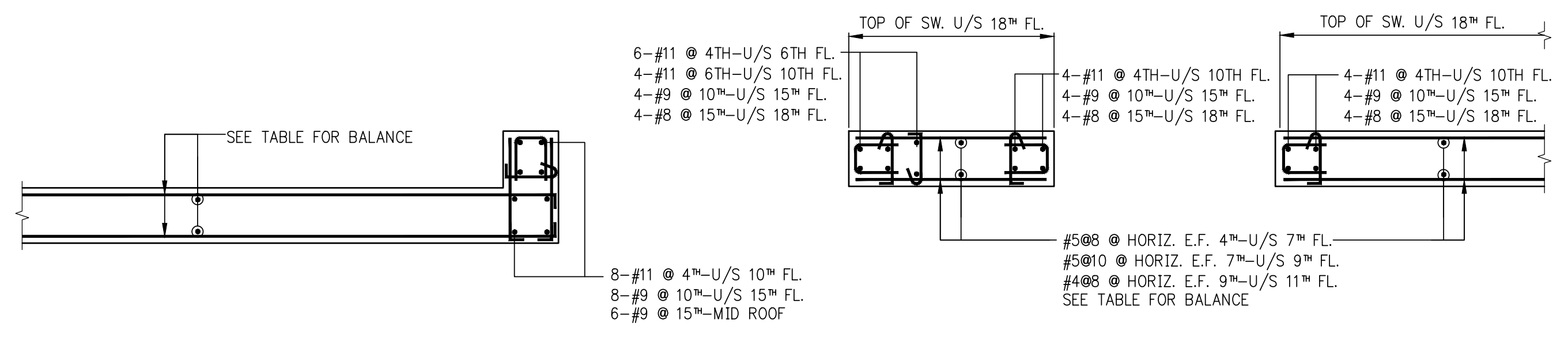
**DWG TITLE:**  
**SHEARWALL REINFORCEMENT DETAILS**

DATE: 02/17/2017  
 PROJECT #: 1605937  
 SCALE: N.T.S.  
**S-940.00**  
 DWG NO.  
 NB#121191441



**1 SHEARWALL REINFORCEMENT DETAIL**  
 SCALE: 1/4"=1'-0"  
 NOTES:

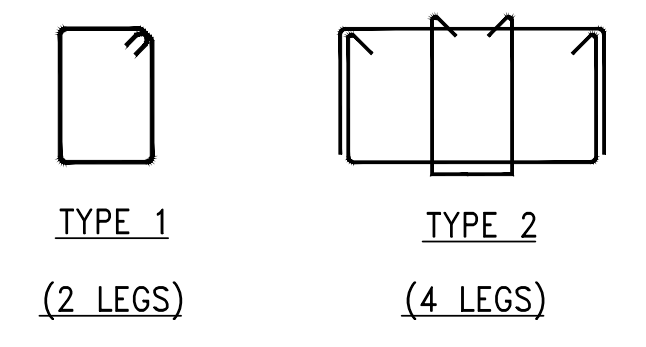
- REBAR TIES SHOWN ARE SCHEMATIC LAYOUTS ONLY SEE TYPICAL DETAILS FOR PROPER CONFIGURATION.
- SEE S-949 FOR SHEARWALL TYPICAL DETAILS.
- SEE FO-300 FOR GENERAL NOTES.
- FOR BALANCE OF REINF. NOT SHOWN ON PLAN, SEE TABLE OF SHEARWALL TYPICAL MINIMUM REINF. ON DWG. S-949.
- SEE DRAWING PLANS & SHEARWALL ELEVATION FOR SIZE OF SHEARWALL OPENINGS.



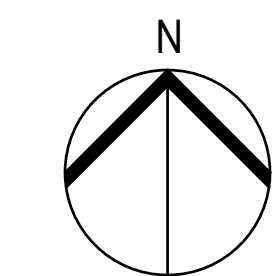
**2 SHEARWALL REINFORCEMENT PART PLAN @ 4TH FL. TO T.O.B.**  
 SCALE: 1/2"=1'-0"

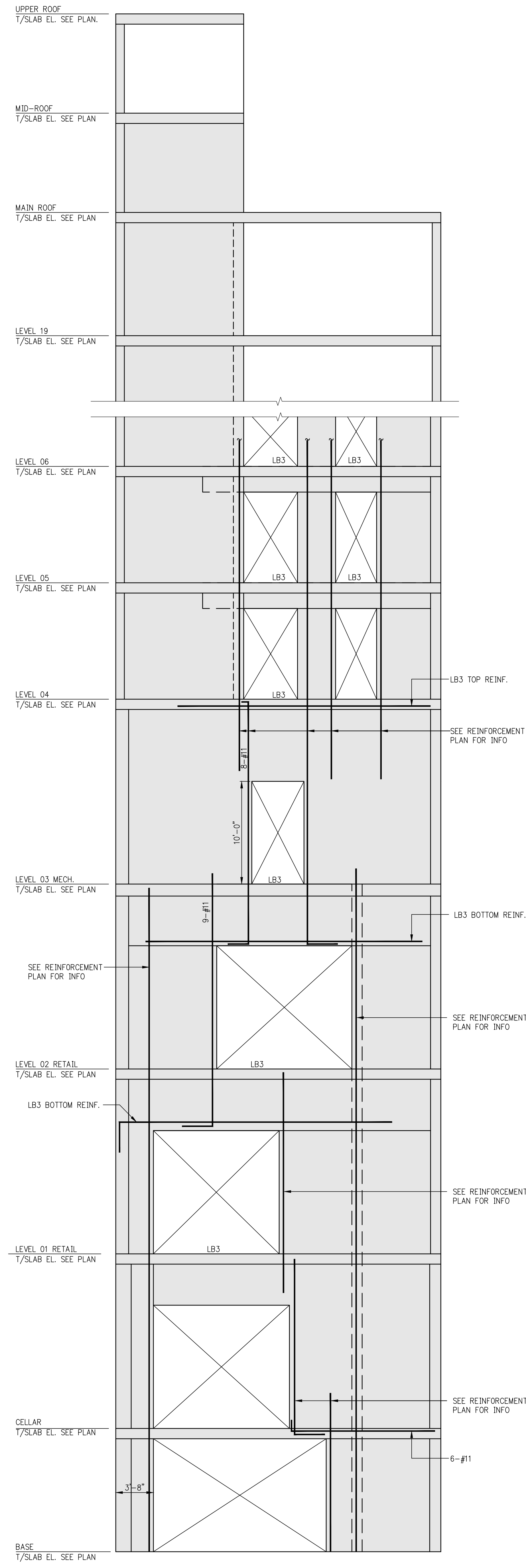
**LINK BEAM SCHEDULE**

MARK	FLOOR	BEAM SIZE (WIDTH x DEPTH) in X in	TOP REINFORCEMENT (CONT.)	BOTTOM REINFORCEMENT (CONT.)	STIRRUPS			LONGITUDINAL SKIN REINFORCEMENT	REMARKS
					SIZE	TYPE	SPACING		
LB1	2-3	12x72	4-#9	4-#9	#4	1	8"	5-#6	2 LAYERS
	1	12x60	4-#9	4-#9	#4	1	8"	6-#4	2 LAYERS
LB3	17-18	24x30	5-#9	5-#9	#4	1	6"	6-#4	
	14-16	24x30	4-#10	4-#10	#4	1	4"	5-#4	
	10-13	24x30	4-#11	4-#11	#5	1	4"	4-#4	
	9	24x30	5-#11	5-#11	#6	1	5"	5-#4	
	6-8	24x30	5-#11	5-#11	#6	1	4"	5-#4	
	5	24x30	4-#11	4-#11	#5	1	5"	5-#4	
	4	24x96	8-#11	8-#11	#5	2	5"	14-#6	2 LAYERS
	3	24x72	5-#11	10-#11	#5	1	5"	9-#6	2 LAYERS
	2	18x72	6-#11	12-#11	#5	1	4"	7-#6	2 LAYERS
	1	12x60	4-#11	4-#11	#5	1	6"	6-#4	2 LAYERS



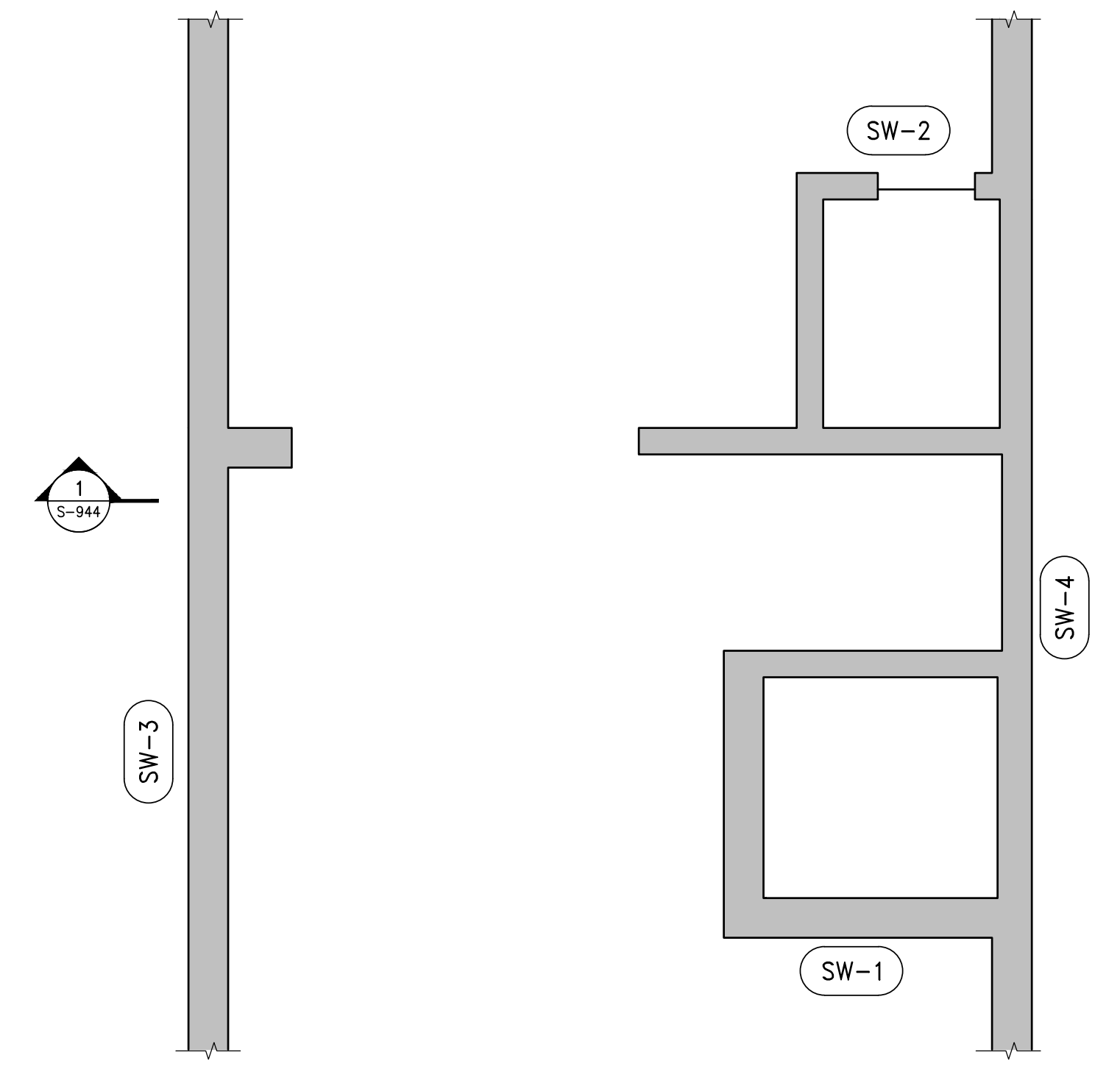
- NOTES:**
- FOR LINK BEAM TYPICAL DETAILS, SEE DWG. S-949.
  - READ IN CONJUNCTION WITH THE SHEAR WALL PLANS AND ELEVATIONS ON S-940 & S-944.
  - WHEN LB IS WIDER THAN WALL THICKNESS, DEVELOPMENT LENGTH SHALL BE 4'-0", U.O.N.
  - ALL TOP AND BOTTOM REINF. SHALL BE ONE LAYER U.O.N.
  - FOR LINK BEAM LOCATION SEE CORRESPONDING FLOOR PLAN.



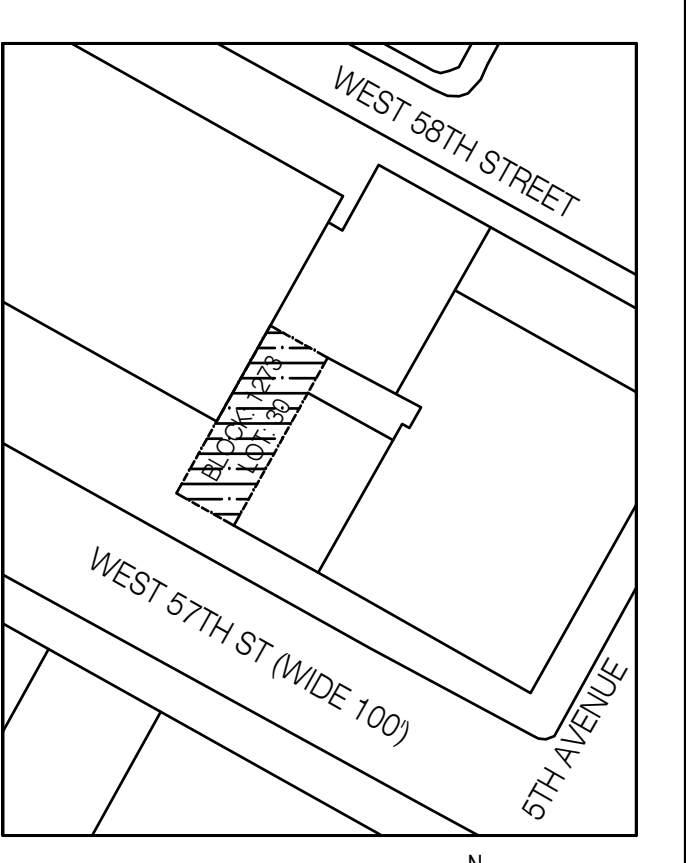


**1** SHEARWALL ELEVATION  
S-944 SCALE: 3/8"=1'-0"

- NOTES:**
1. REINFORCEMENT SHOWN ON SHEARWALL ELEVATIONS IN ADDITION TO REINFORCEMENT SHOWN ON SHEARWALL REINFORCEMENT PLANS S-940 SERIES DRAWINGS.
  2. \* \* \* INDICATES REINFORCEMENT SHOWN ON ELEVATIONS IS TO BE USED IN LIEU OF REINFORCEMENT SHOWN ON PLANS.
  3. SEE DWG. S-940 FOR LINK BEAM SCHEDULE.
  4. SEE DWG. S-949 FOR TYPICAL SHEARWALL DETAILS.
  5. FOR STIRRUP TYPES SEE S-940.



KEY PLAN



KEY PLAN

**NOTES:**

07	05-26-2017	100% CD
06	04-19-2017	90% CD
05	03-21-2017	80% CD
04	03-03-2017	DOB SUBMISSION
03	02-12-2017	ISSUED AS PER OWNER COMMENTS
02	02-17-2017	80% CD
01	12-21-2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
Project:  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL | WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8807

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PIER PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-8888

MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

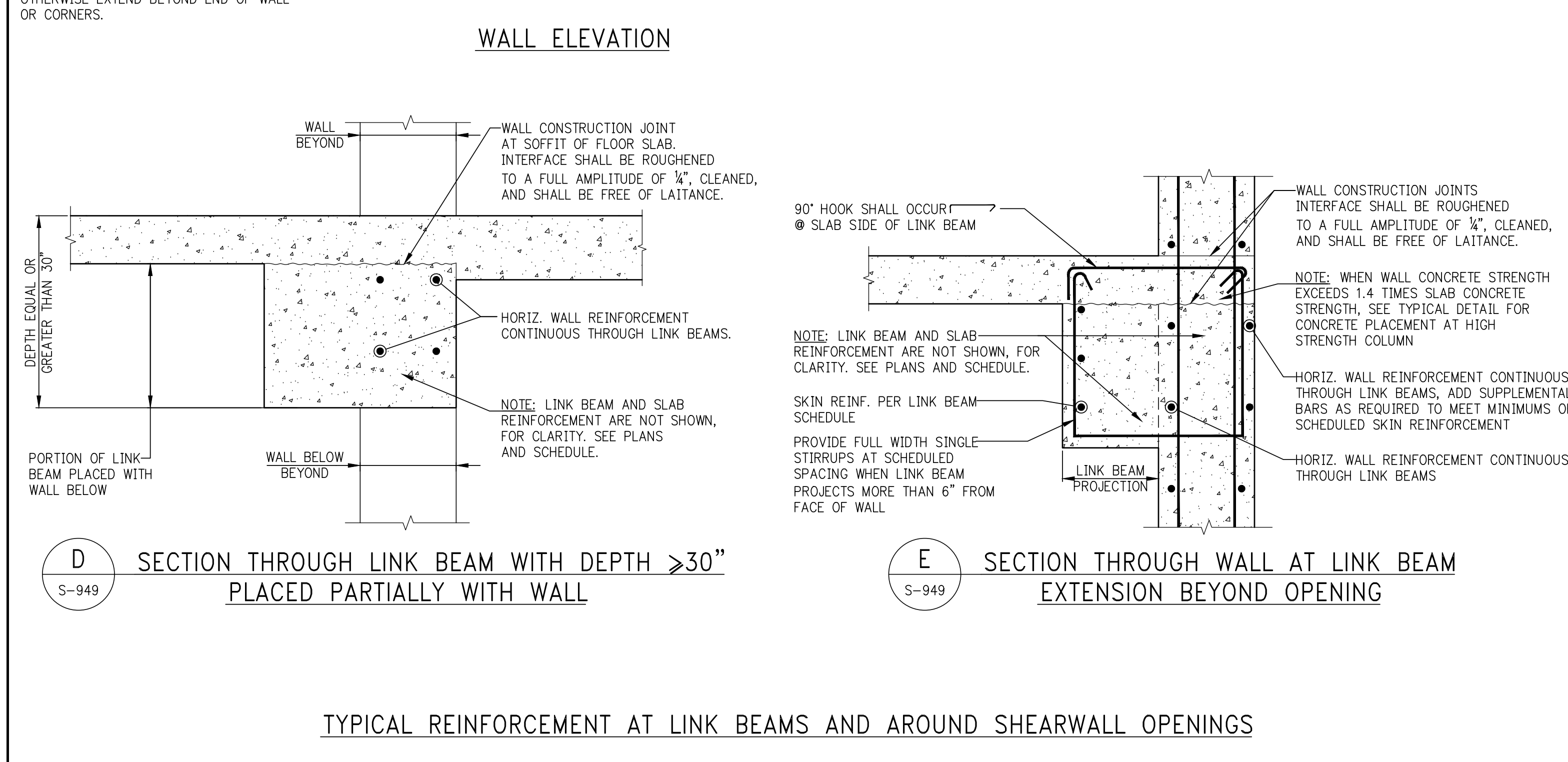
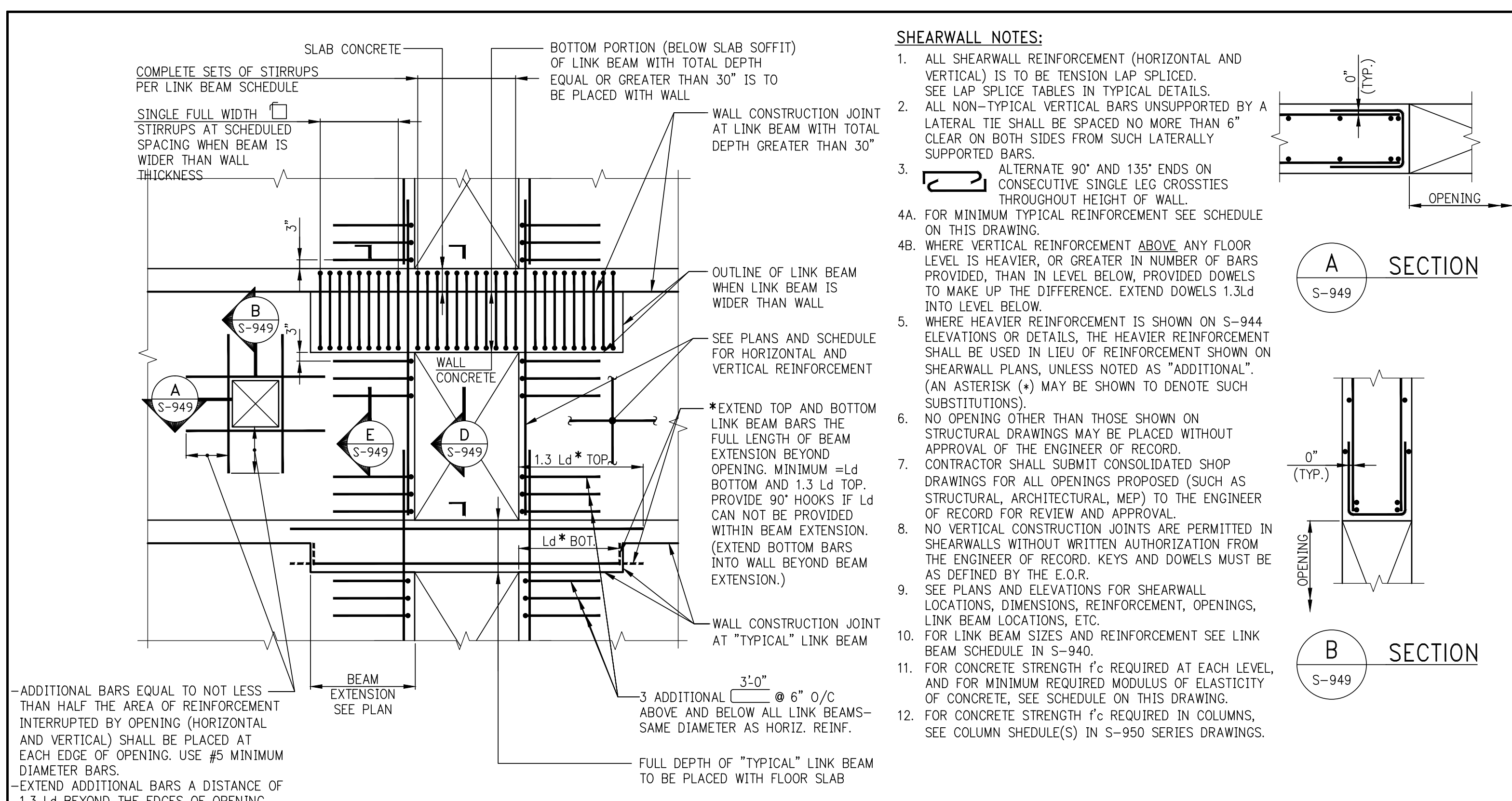
Building Envelope Consultant:  
**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

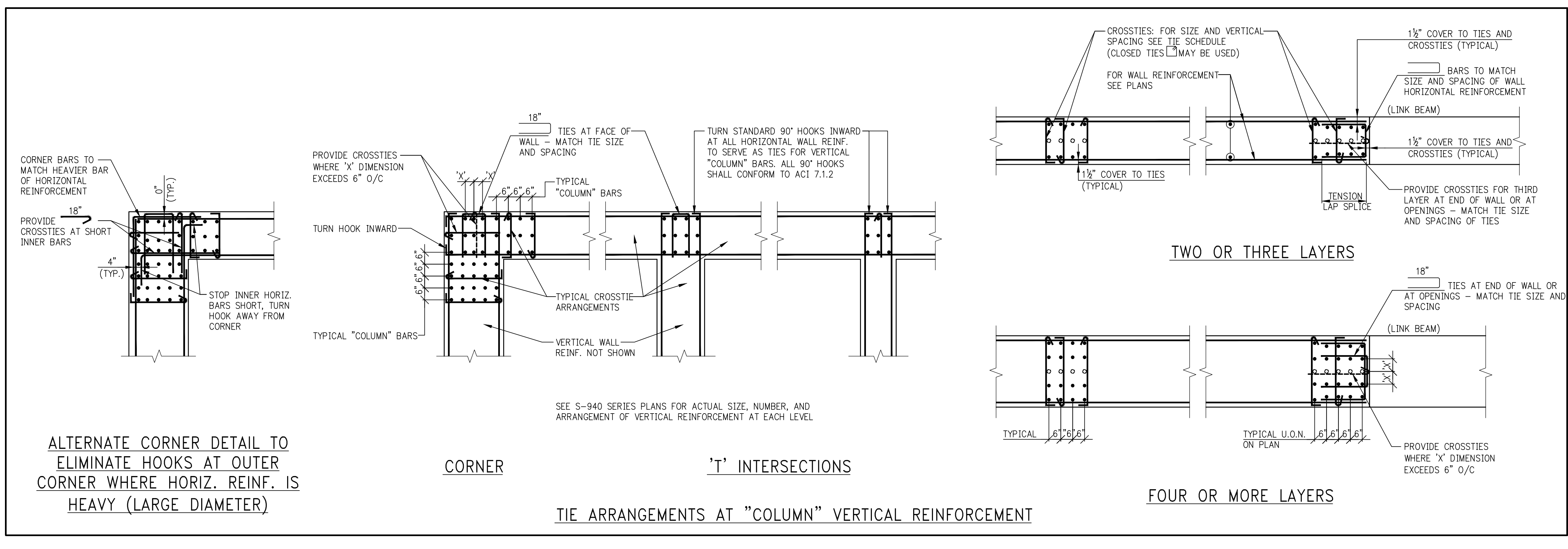
DWG TITLE:  
**SHEARWALL ELEVATIONS**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: N.T.S.  
**S-944.00**  
DWG NO.  
NB#12191441





TYPICAL REINFORCEMENT AT LINK BEAMS AND AROUND SHEARWALL OPENINGS



TYPICAL U.O.N. ON PLAN

**\*TYPICAL MINIMUM SHEARWALL REINFORCEMENT**

WALL THICKNESS (INCHES)	HORIZONTAL AND VERTICAL EACH FACE
UP TO 12	#4@12
12+ TO 16	#4@10
16+ TO 20	#5@12
20+ TO 24	#5@10

**SHEARWALL TIE SCHEDULE**

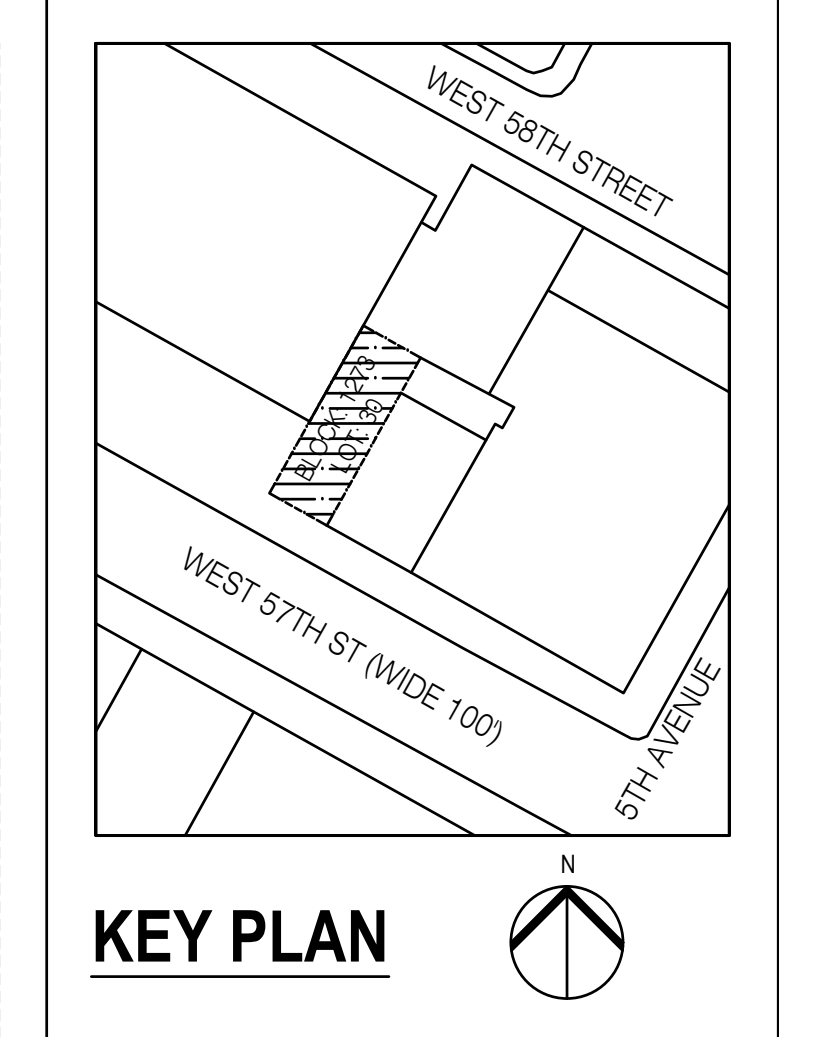
NON-TYPICAL VERTICAL BAR SIZE	#4 TIES VERTICAL SPACING(S), BUT NOT TO EXCEED WALL THICKNESS (INCHES)
#6	12
#7	14
#8	16
#9	18
#10	20
#11	22

**SHEARWALL CONCRETE MINIMUM REQUIREMENTS**

FLOOR LEVELS	COMPRESSIVE STRENGTH f'c (ksi)	MODULUS OF ELASTICITY E (ksi)
10" - T.O.B.	8	4415
FDN-U/S 10"	8	5098

**NOTES:**

- LOCATE LOWEST SET OF TIES S/2 ABOVE TOP OF SLAB.
- LOCATE TOP SET OF TIES WITHIN S/2 OF BOTTOM REINFORCEMENT IN SLAB OR LINK BEAM.



**NOTES:**

NO.	DATE	REVISION
07	05/16/2017	100% CD
06	04/19/2017	90% CD
05	03/17/2017	80% CD
04	03/03/2017	DB SUBMISSION
03	02/12/2017	ISSUED AS PER ENERGY COMMENTS
02	02/17/2017	80% CD
01	12/21/2016	DB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project:

**7 WEST 57TH STREET NEW YORK, NY 10019**

Client:

**SOLO9W57**  
SOLO REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:

**HILL WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8007

Interior Designer:

**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:

**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888

MEP/FE Engineer:

**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-9600

Building Envelope Consultant:

**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:

**TYPICAL SHEARWALL DETAILS**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 02/17/2017

PROJECT #: 1605937

SCALE: 1/4" = 1'-0"

**S-949.00**

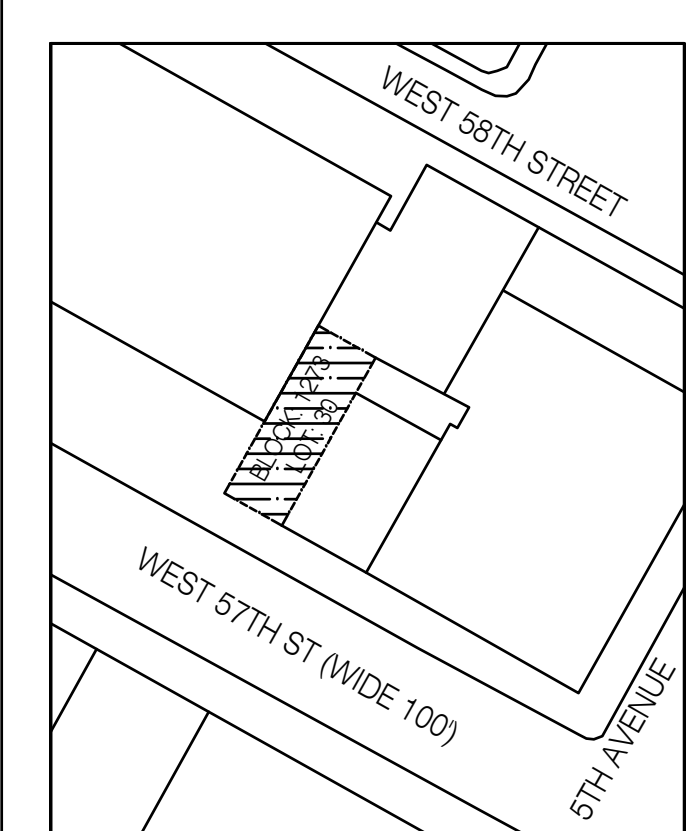
DWG NO.

NB#121191441

### COLUMN SCHEDULE

FLOOR	COL. NO.	1	2	3	4	5	6	7	8
20 <sup>th</sup> FLOOR/ROOF									
19 <sup>th</sup> FLOOR									
18 <sup>th</sup> FLOOR									
17 <sup>th</sup> FLOOR									
16 <sup>th</sup> FLOOR									
15 <sup>th</sup> FLOOR									
14 <sup>th</sup> FLOOR									
13 <sup>th</sup> FLOOR									
12 <sup>th</sup> FLOOR									
11 <sup>th</sup> FLOOR									
10 <sup>th</sup> FLOOR									
9 <sup>th</sup> FLOOR									
8 <sup>th</sup> FLOOR									
7 <sup>th</sup> FLOOR									
6 <sup>th</sup> FLOOR									
5 <sup>th</sup> FLOOR									
4 <sup>th</sup> FLOOR									
3 <sup>rd</sup> FLOOR									
2 <sup>nd</sup> FLOOR									
1 <sup>st</sup> FLOOR									
CELLAR									
FOUNDATION									
END (SERVICES)									
FLOOR	COL. NO.	1	2	3	4	5	6	7	8

- NOTES:**
- FIRST COLUMN DIMENSION SHOWN IN SCHEDULE IS IN THE EAST-WEST DIRECTION.
  - LOADS ARE GIVEN IN KIPS, AND ARE ULTIMATE LOADS U.O.N.
  - COLUMN SIZES AND REINFORCEMENT ARE SHOWN ONLY WHERE SIZES START AND STOP. BLANK SPACES IN BETWEEN INDICATE SAME SIZE AS INDICATED ABOVE AND BELOW.
  - HEAVY LINE AT TOP INDICATES TOP OF COLUMN.
  - FOR GENERAL NOTES SEE DWG. FO-001
  - FOR SHEARWALL DETAILS SEE S-940 SERIES DRAWINGS.
  - FOR COLUMN AND REINFORCING DETAILS SEE S-950 SERIES DRAWINGS.
  - BUTTRESS INDICATED AS "B" IN COLUMN SCHEDULE.
  - ☒ INDICATES COLUMN BEING PICKED UP BY BEAM OR SLAB.
  - ◆ INDICATES CHANGES IN HELD FACE OF COLUMN.
  - ▲ INDICATES ADDITIONAL LOAD FROM PICK-UP BEAM OR SLAB.
  - ◊ SET INDICATES WAIVED COLUMN REFER TO DETAIL A AND DETAIL B ON DRAWING S-955.
  - ALL SPLICES TO BE CLASS(B) TENSION SPLICES.



**KEY PLAN**

**NOTES:**

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05	03/17/2017	80% CD
04	03/03/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER ENERGY COMMENTS
02	02/12/2017	60% CD
01	12/21/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
 Project:  
**7**  
**WEST 57TH STREET**  
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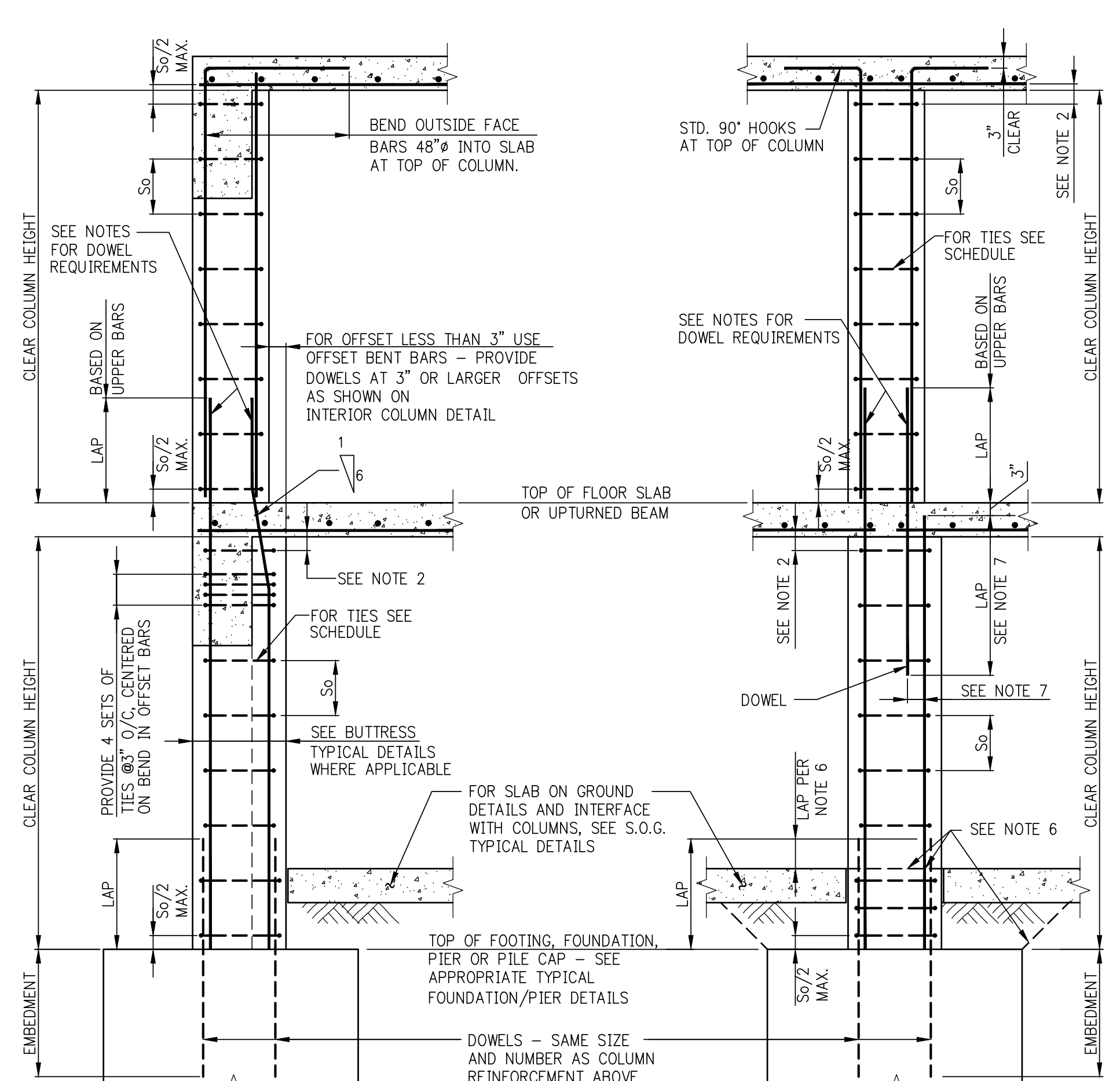
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 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

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DOB STAMPS & SIGNATURES:

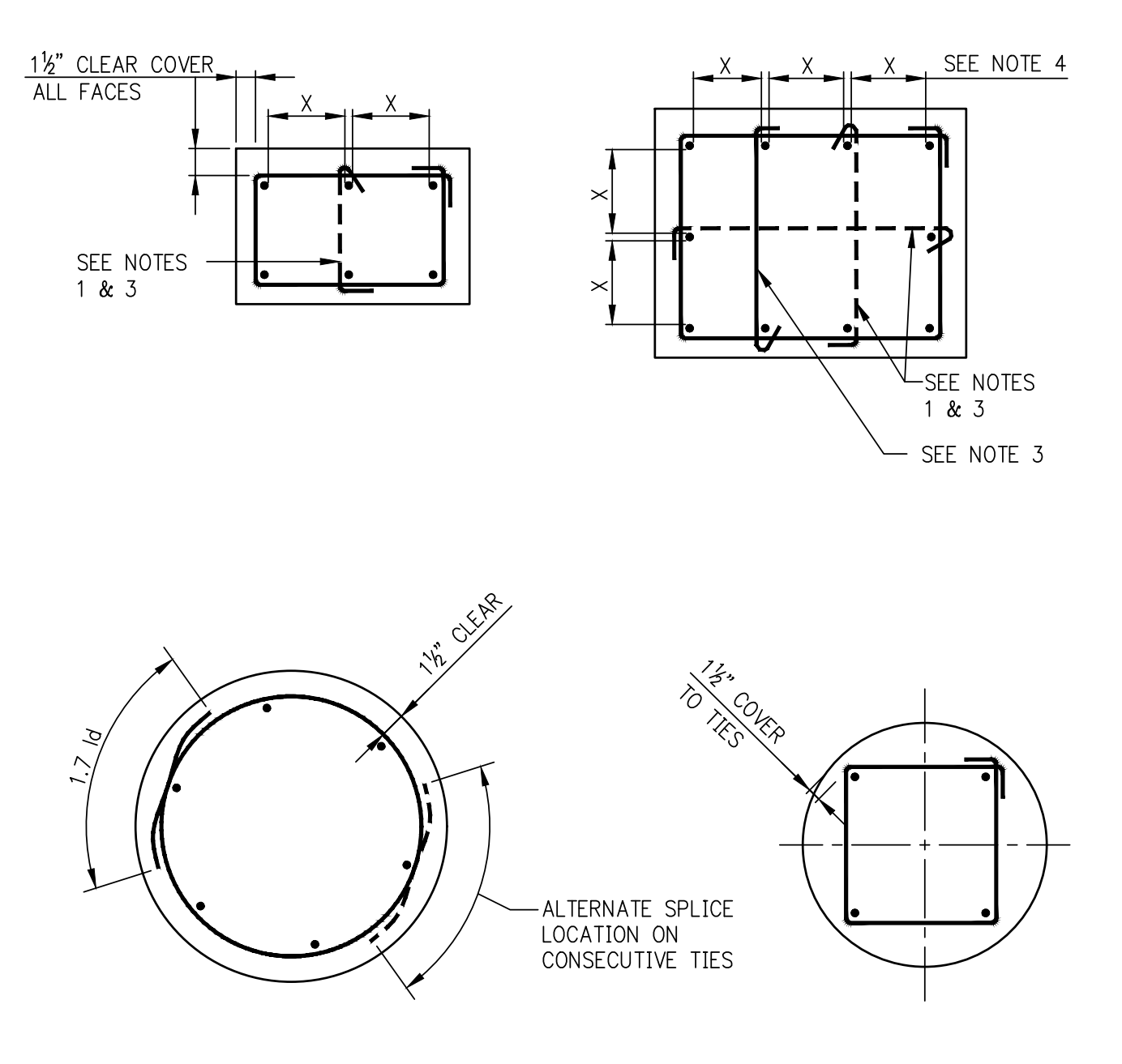
DWG TITLE:  
**COLUMN SCHEDULE**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 02/17/2017  
 PROJECT #: 1605937  
 SCALE: N.T.S.  
**S-950.00**  
 DWG. NO.  
**NB#12191441**



COLUMN TIE SCHEDULE			
VERTICAL BAR SIZE	#3	#4	#5
#5	10	-	-
#6	12	-	-
#7	14	-	-
#8	16	16	-
#9	18	18	-
#10	18	20	-
#11	22	-	-
#14	24	27	-
#18	34	30	-

- NOTES:
- #3 TIES NOT PERMITTED FOR #11, #14, #18 OR BUNDLED VERTICAL BARS.
  - LOCATE TOP SET OF TIES  $S_v/2$  MAX. BELOW THE LOWEST HORIZONTAL REINFORCEMENT IN SLAB OR DROP PANEL. WHERE BEAMS FRAME FROM FOUR DIRECTIONS INTO COLUMN, TIES MAY TERMINATE NOT MORE THAN 3" BELOW LOWEST REINFORCEMENT IN SHALLOWEST OF SUCH BEAMS.
  - WHERE AREA OF VERTICAL REINFORCEMENT IN LOWER COLUMN IS GREATER THAN THAT OF UPPER COLUMN, EXTEND AREA OF REINFORCEMENT AT LEAST EQUAL TO THAT OF UPPER COLUMN.
  - WHERE AREA OF REINFORCEMENT IN LOWER COLUMN IS LESS THAN THAT OF UPPER COLUMN, PROVIDE ADDITIONAL DOWELS TO MAKE UP THE DIFFERENCE.
  - ALL LAP SPLICES AND EMBEDMENTS TO BE CLASS B TENSION SPLICE UNLESS OTHERWISE NOTED IN COLUMN SCHEDULE.
  - WHERE SLAB IS POURED OVER FOUNDATION PRIOR TO COLUMN, VERTICAL REINFORCEMENT AND DOWEL LAP TO START AT TOP OF SLAB.
  - IF OFFSET OF DOWEL IS MORE THAN 6", LAP SHALL BE TWICE THE COMPRESSION DEVELOPMENT LENGTH OF THE SMALLER BAR.

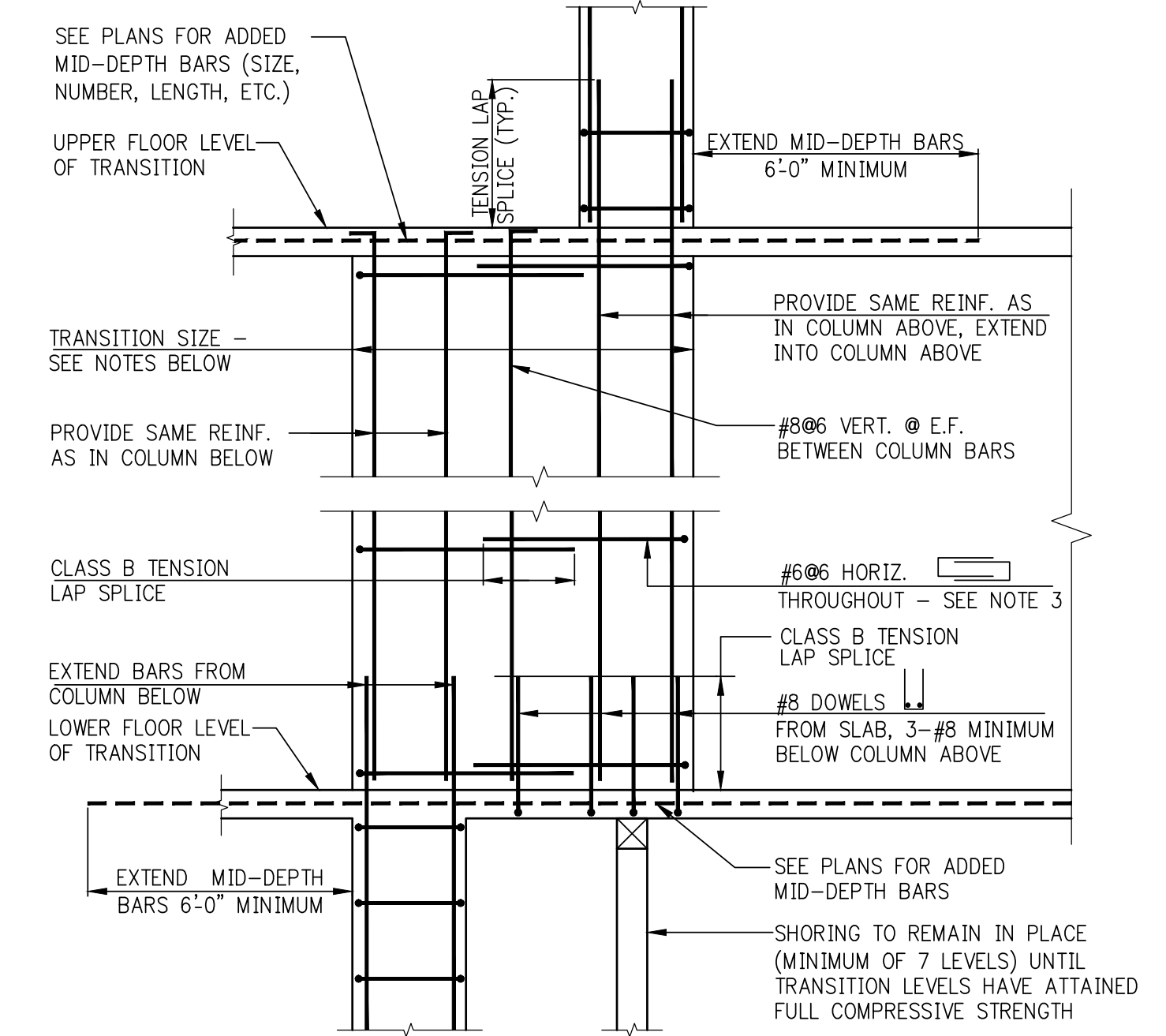


**TIED CIRCULAR COLUMN**  
NOTE: MINIMUM NUMBER OF VERTICAL BARS TO BE 5 FOR CIRCULAR TIES

**CIRCULAR COLUMN WITH 4 BARS AND SQUARE TIES**

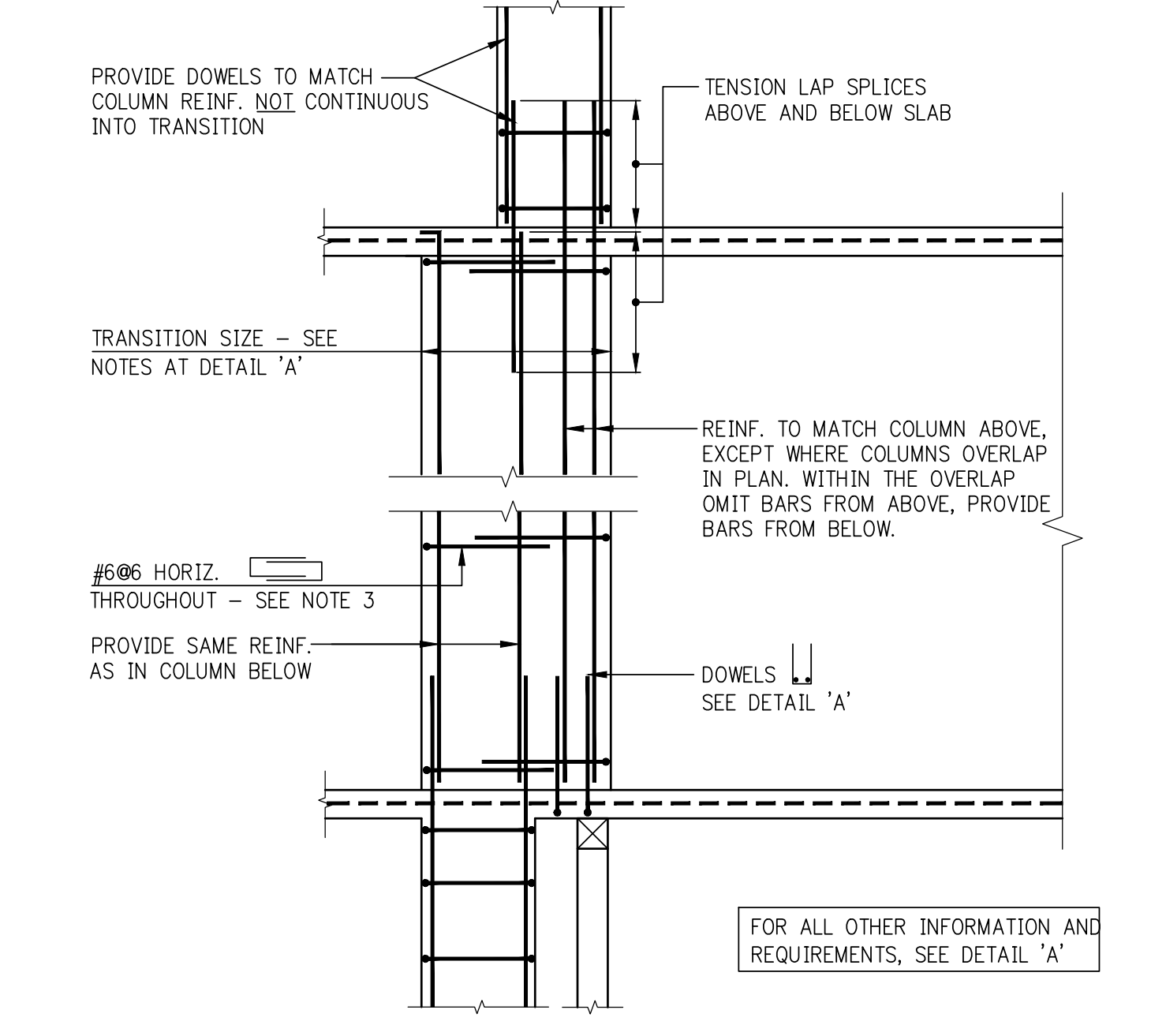
**COLUMN REINFORCEMENT AND TIES ARRANGEMENT**

- NOTES:
- SINGLE LEG CROSSIES SHOWN DASHED MAY BE OMITTED WHEN THE VERTICAL BAR IS NO FARTHER THAN 6" CLEAR ON EACH SIDE FROM ADJACENT TIED BARS AND/OR COLUMN SCHEDULE.
  - WHEN THERE IS A SERIES OF VERTICAL BARS (SUCH AS IN WALL-LIKE COLUMNS) AND BARS ARE SPACED NOMINALLY AT 6" O/C, EVERY OTHER VERTICAL BAR WILL REQUIRE A CROSSIE.
  - ALTERNATE 90° AND 135° ENDS ON CONSECUTIVE SINGLE LEG CROSSIES THROUGHOUT HEIGHT OF MEMBER.
  - DETAILER SHALL SPACE BARS EQUIDISTANT ON ALL FACES UNLESS OTHERWISE SHOWN IN DETAILS.



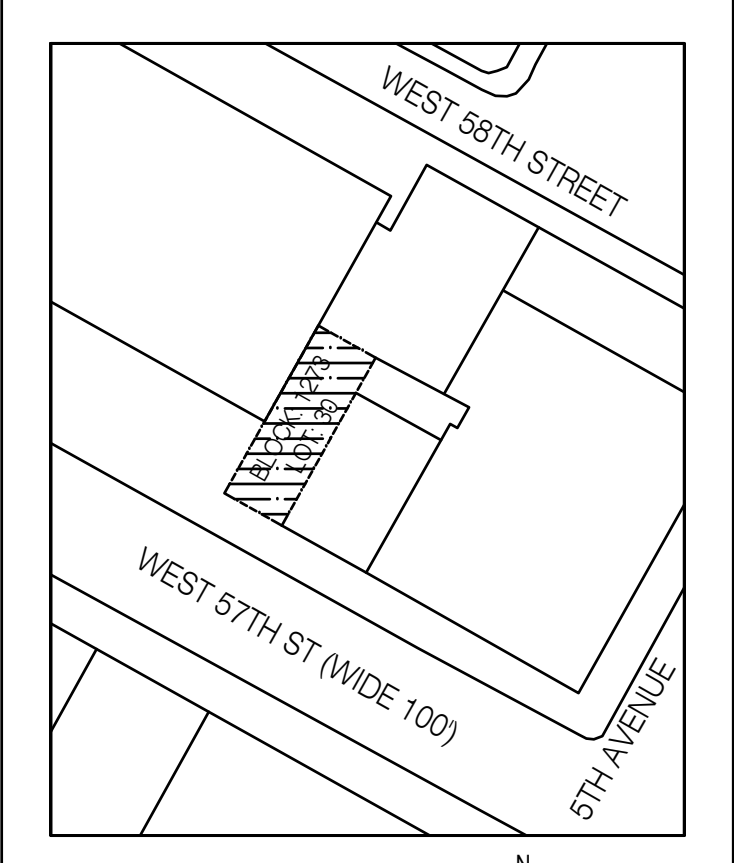
**DETAIL A - ELEVATION OF "WALKING" COLUMN TRANSITION**

- NOTES:
- FOR DIMENSIONS AND LOCATION OF TRANSITION SEE COLUMN LOCATION PLANS AND/OR COLUMN SCHEDULE.
  - VERTICAL REINFORCEMENT IN TRANSITION TO BE AS SHOWN IN DETAILS 'A' AND 'B' UNLESS THE COLUMN SCHEDULE CALLS FOR SPECIFIC VERTICAL REINFORCEMENT WITHIN THE TRANSITION.
  - PROVIDE HOOPS AND CROSSIES TO SATISFY TIEING REQUIREMENTS OF TYPICAL COLUMN DETAILS FOR ALL VERTICAL REINFORCEMENT.



**DETAIL B**

USE THIS DETAIL WHERE COLUMNS ABOVE AND BELOW TRANSITION OVERLAP IN PLAN



**KEY PLAN**

**NOTES:**

FOR ALL OTHER INFORMATION AND REQUIREMENTS, SEE DETAIL 'A'

07	03/26/2017	100% CD
06	04/18/2017	90% CD
05	03/17/2017	80% CD
04	03/03/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER OWNER COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	DOB SUBMISSION

Number: 7  
Date: 02/17/2017  
Revision: 1  
Project: WEST 57TH STREET NEW YORK, NY 10019

Client: SOLOW57  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: HILL WEST ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T: 212 213 8802

Interior Designer: Whitehall INTERIORS  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer: WSP | PARSONS BRINCKERHOFF  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888

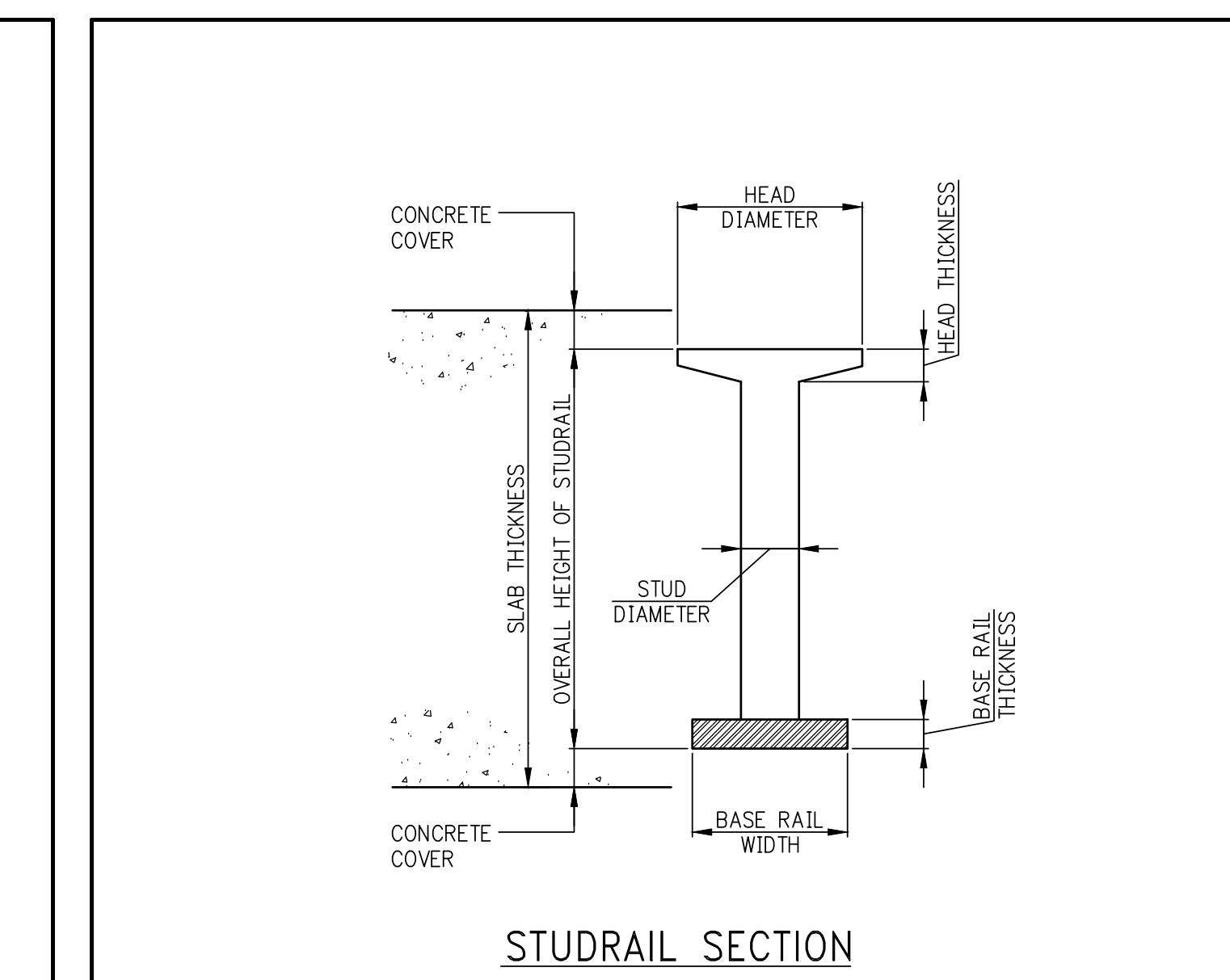
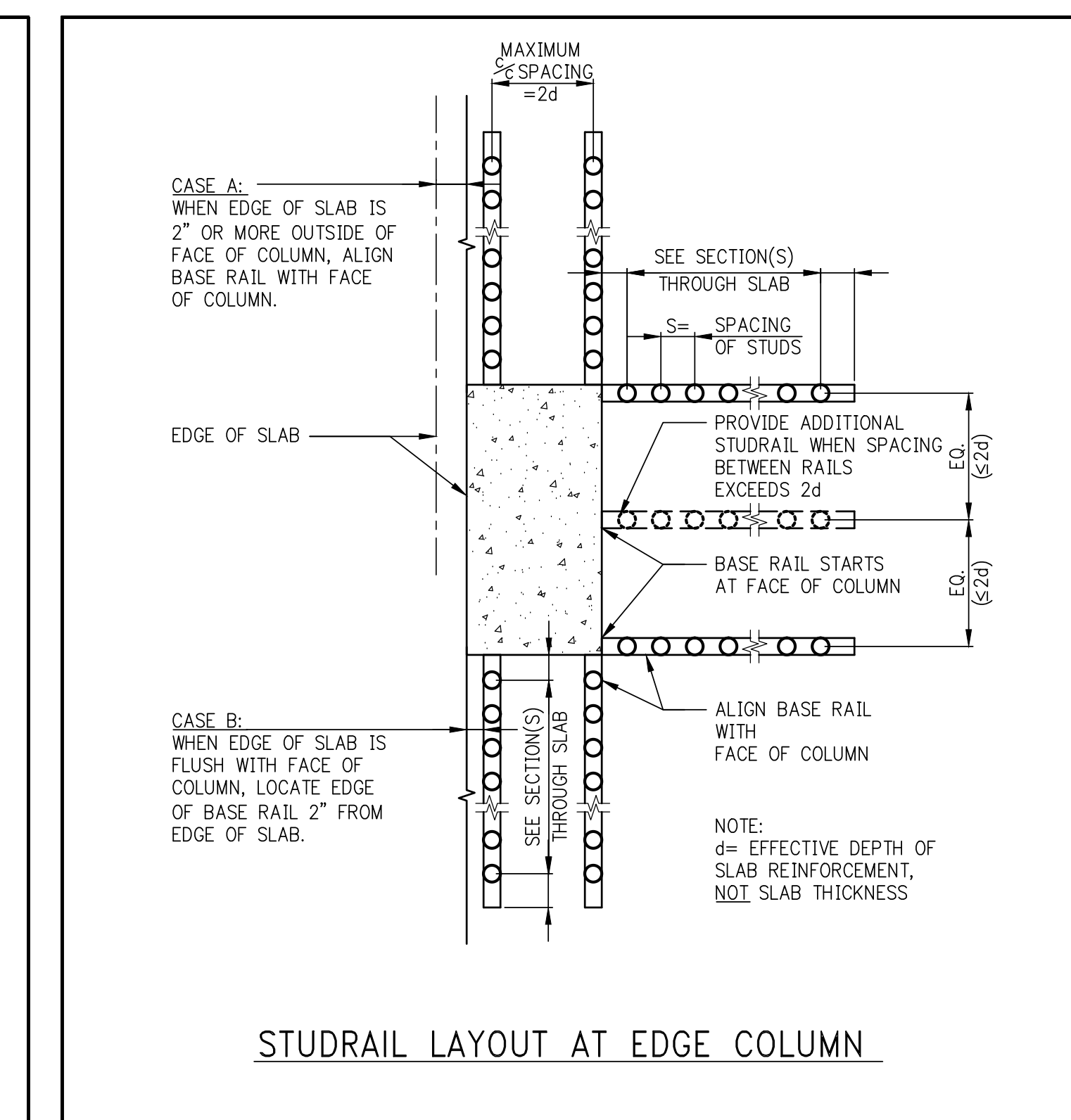
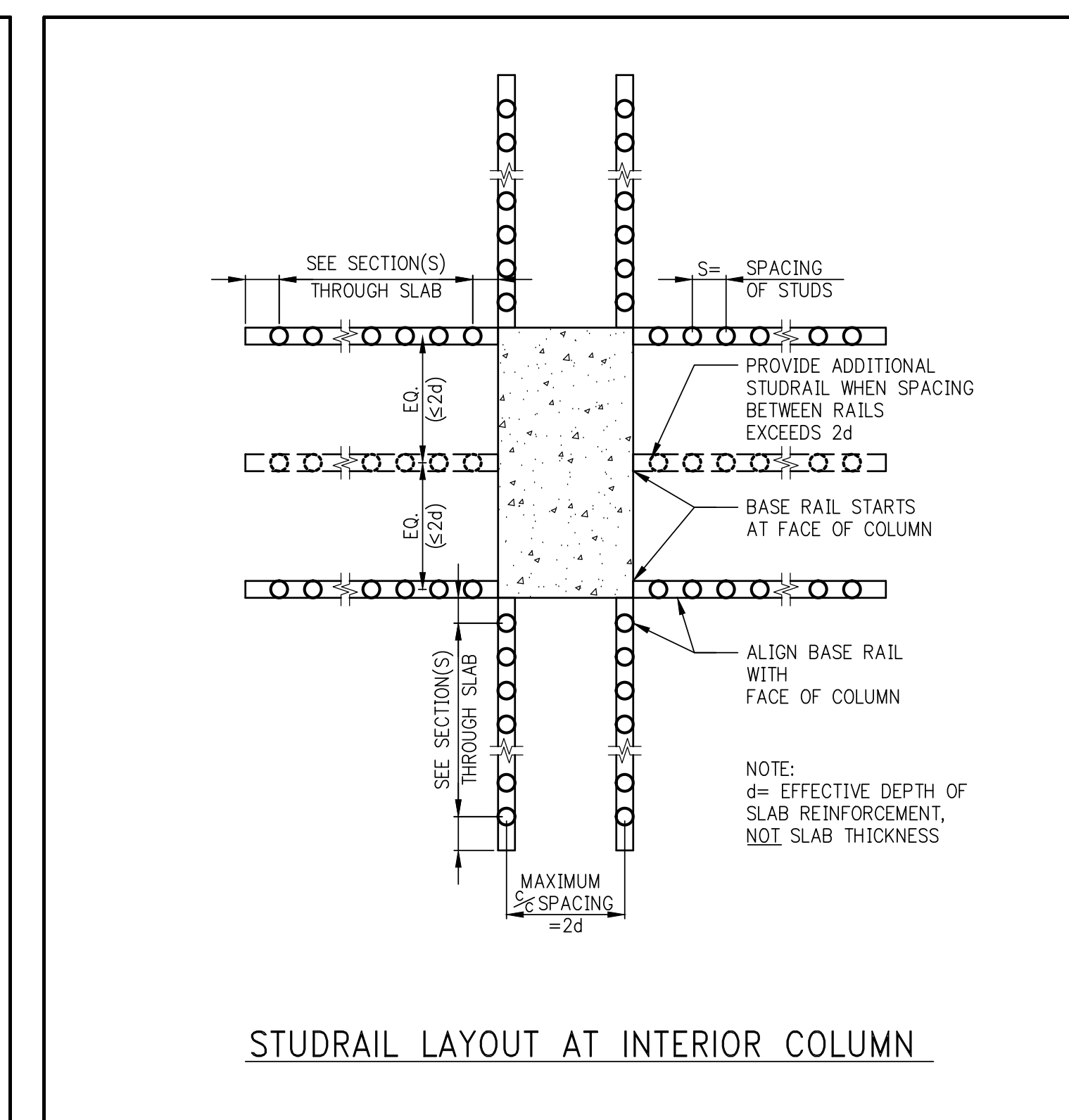
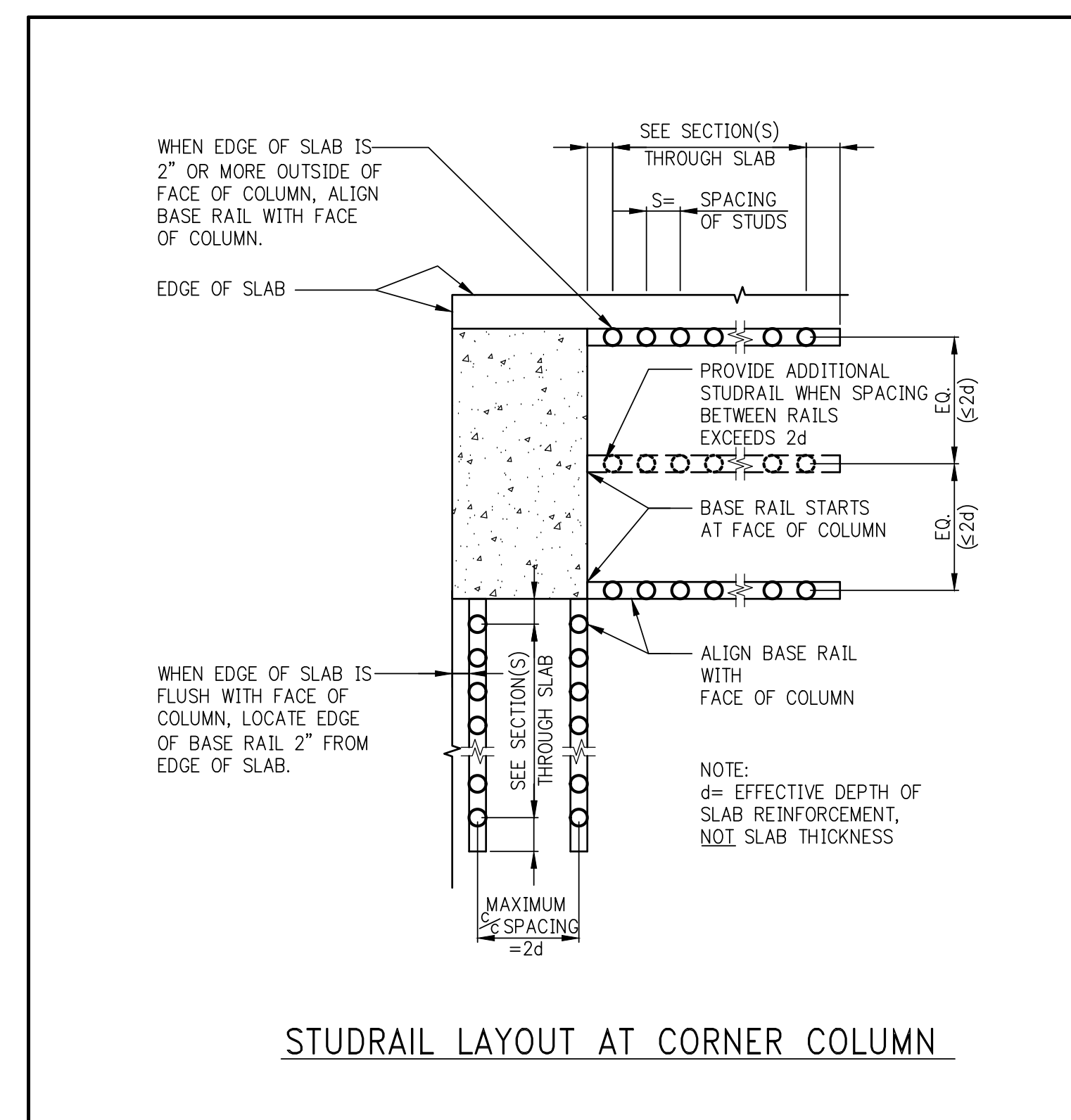
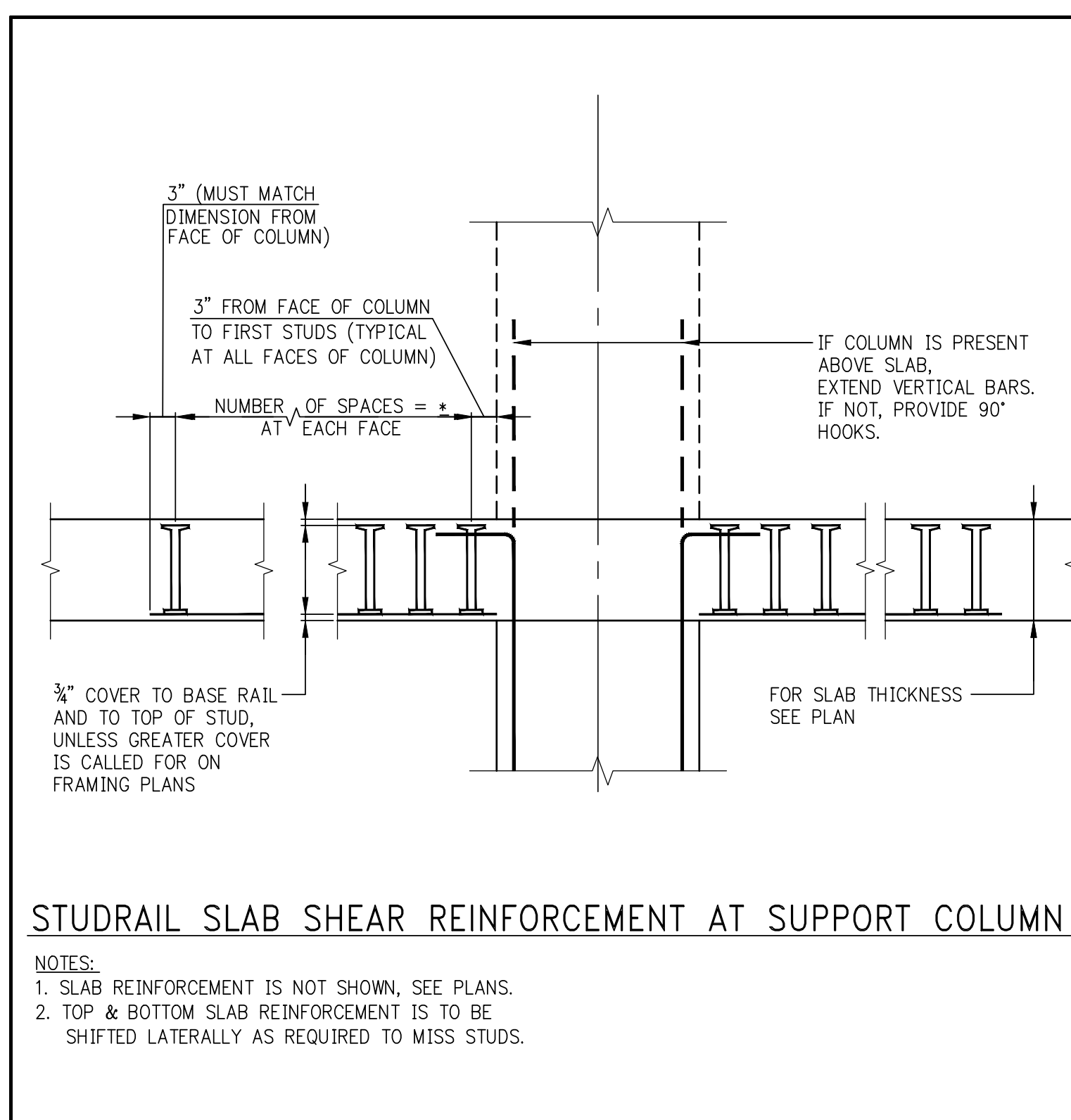
MEP/FE Engineer: COSENTINI ASSOCIATES  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-9600

Building Envelope Consultant: VIDARIS  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

**TYPICAL COLUMN DETAILS**

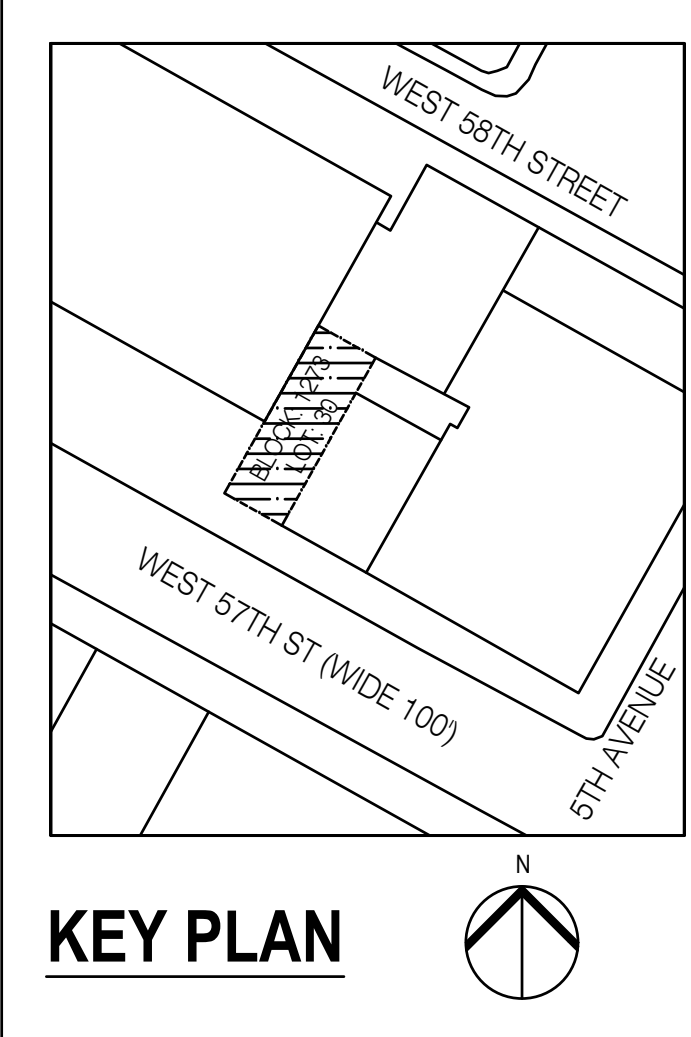
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DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: AS NOTED  
S-955.00  
DWG. NO.  
NB#121191441



**STUDRAIL-MINIMUM DIMENSIONAL REQUIREMENTS**

STUD DIAMETER (INCH)	CROSS SECTIONAL AREA (INCH <sup>2</sup> )	HEAD DIAMETER (INCH)	HEAD THICKNESS (INCH)	BASE RAIL WIDTH (INCH)	BASE RAIL THICKNESS (INCH)
3/8	0.11	1.19	0.21	1	3/8
1/2	0.20	1.58	0.28	1 1/2	1/2
5/8	0.31	1.98	0.35	1 3/4	5/8
3/4	0.44	2.37	0.42	2	3/4

- NOTES FOR STUDRAILS:**
- SHEAR REINFORCEMENT AT THE SLAB-COLUMN CONNECTION SHALL BE STUDRAILS AS MANUFACTURED BY DECON (800-975-6990)
  - THE SHEAR STUDS USED IN THE FABRICATION OF STUDRAILS SHALL BE LOW CARBON STEEL, C1015 TO C1018 IN ACCORDANCE WITH ASTM-A108. THE STRENGTH AND DUCTILITY REQUIREMENTS ARE:  
 YIELD STRENGTH: 51,000 psi MIN.  
 TENSILE STRENGTH: 65,000 psi MIN.  
 ELONGATION IN 2 IN.: 20% MIN.  
 REDUCTION OF AREA: 50% MIN.
  - RAILS USED IN STUDRAILS SHALL BE LOW CARBON STEEL WITH THE FOLLOWING STRENGTH AND DUCTILITY REQUIREMENTS, IN ACCORDANCE WITH ASTM-A1044:  
 YIELD STRENGTH: 44,000 psi MIN.  
 TENSILE STRENGTH: 65,000 psi MIN.  
 ELONGATION IN 8 IN.: 20% MIN.
  - THE STUDS SHALL BE WELDED IN ACCORDANCE WITH AWS D.1.1, INCLUDING THE PROVISIONS FOR PRODUCTION CONTROL AND FABRICATION AND VERIFICATION REQUIREMENTS.
  - THE OVERALL HEIGHT OF THE STUDRAIL IS DEPENDENT ON THE SLAB THICKNESS AND THE REQUIRED CONCRETE COVER. THE AREA OF THE STUD HEAD SHALL BE 10 TIMES THE STEM AREA. THE BASE RAIL PROFILE SHALL BE AS SHOWN IN THE TABLE ON THIS DRAWING.



**NOTES:**

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05	03/17/2017	80% CD
04	03/01/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER ENERGY COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project:  
**7 WEST 57TH STREET**  
 NEW YORK, NY 10019

Client:  
**SOLOS W57**  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

Architect:  
**HILL WEST ARCHITECTS**  
 11 BROADWAY  
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Interior Designer:  
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 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

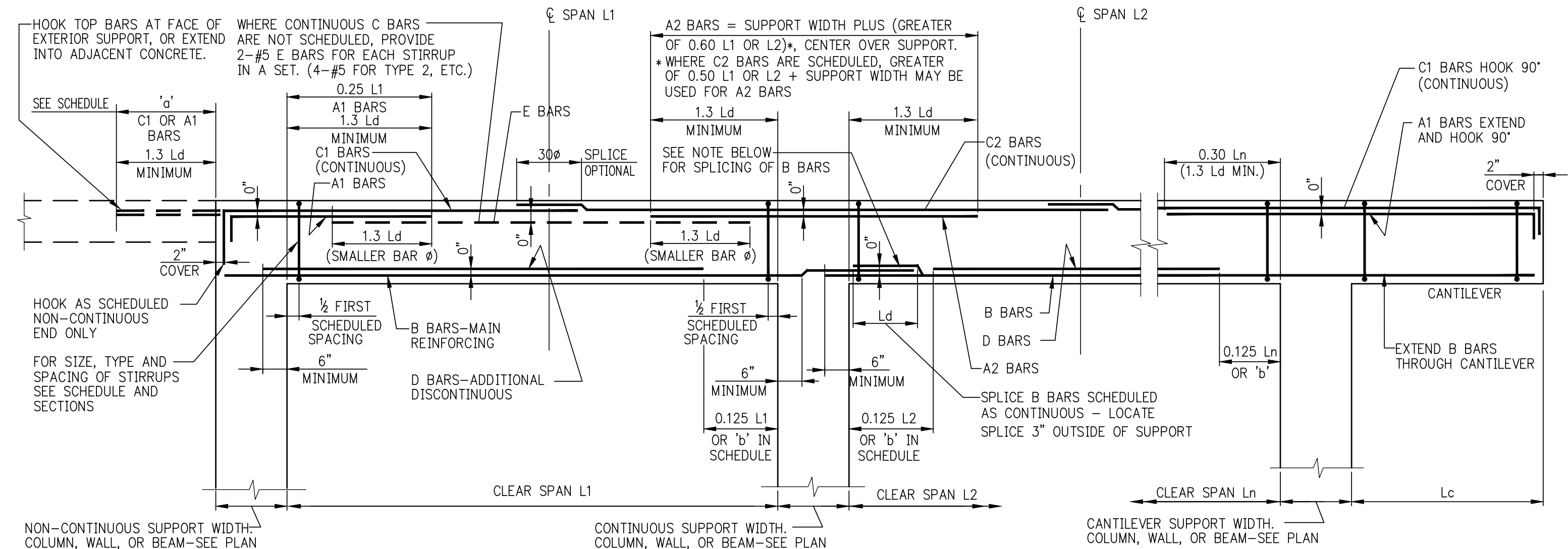
MEP/FE Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
**TYPICAL STUDRAIL DETAILS**

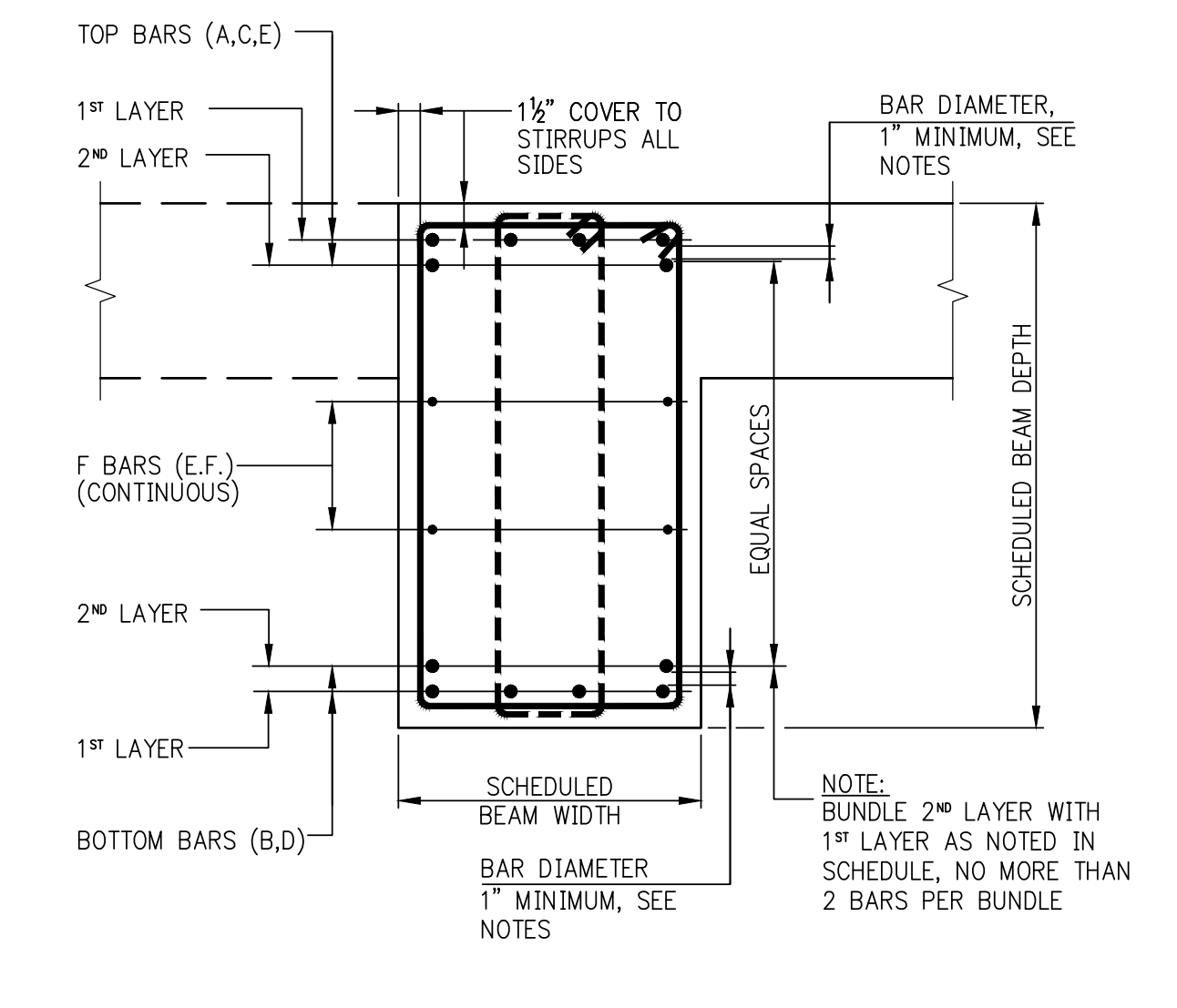
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 PROJECT #: 1605937  
 SCALE: AS NOTED  
**S-956.00**  
 DWG. NO.



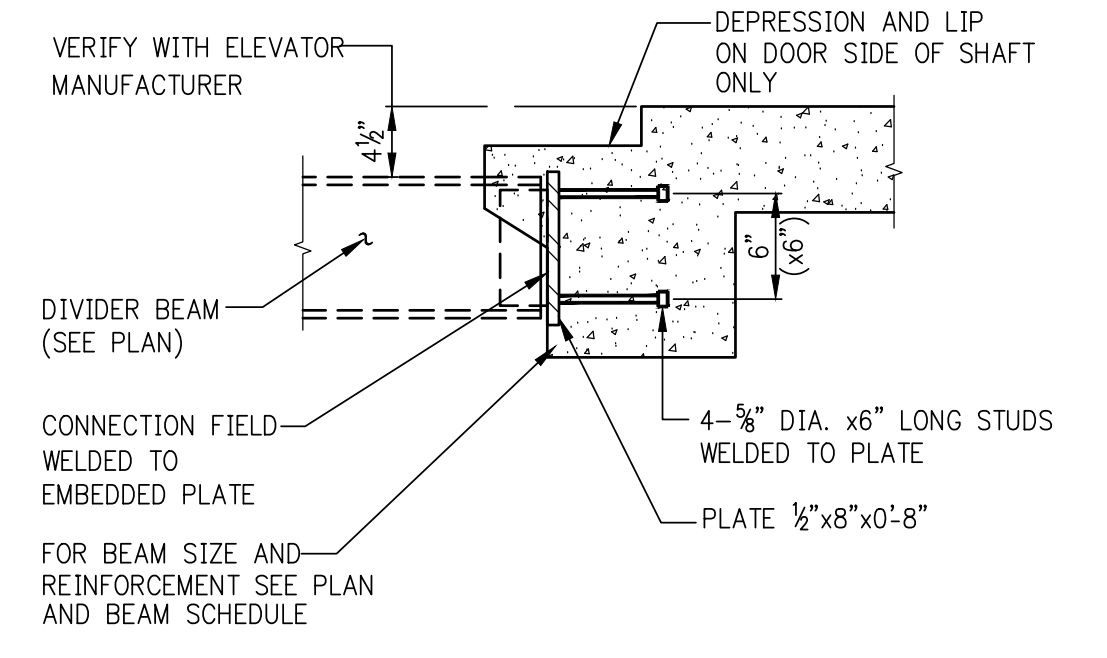
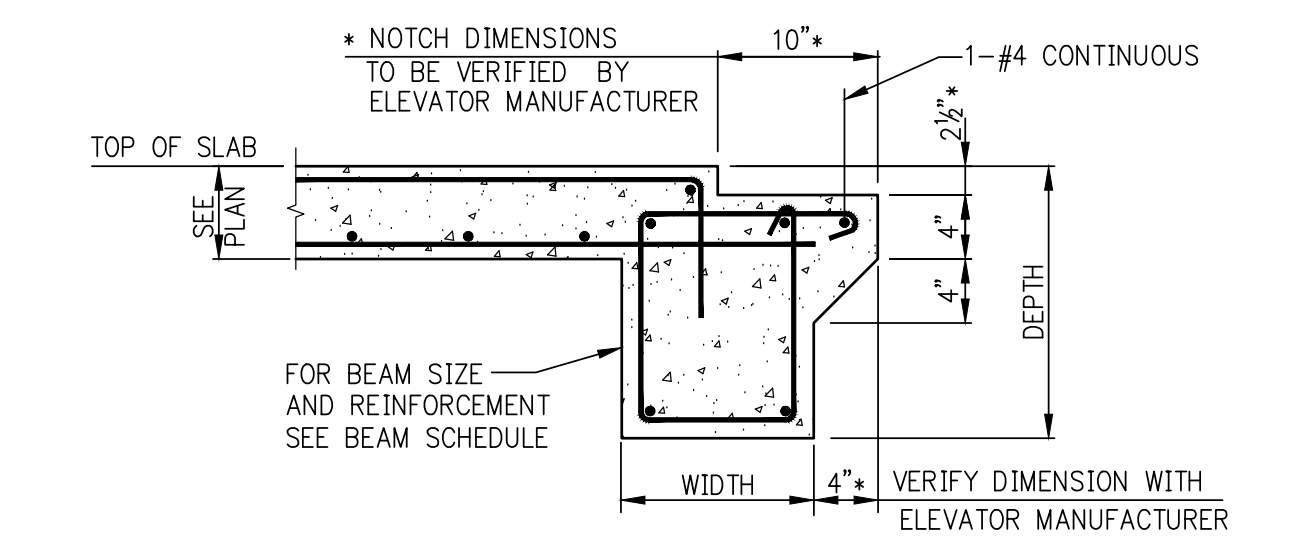
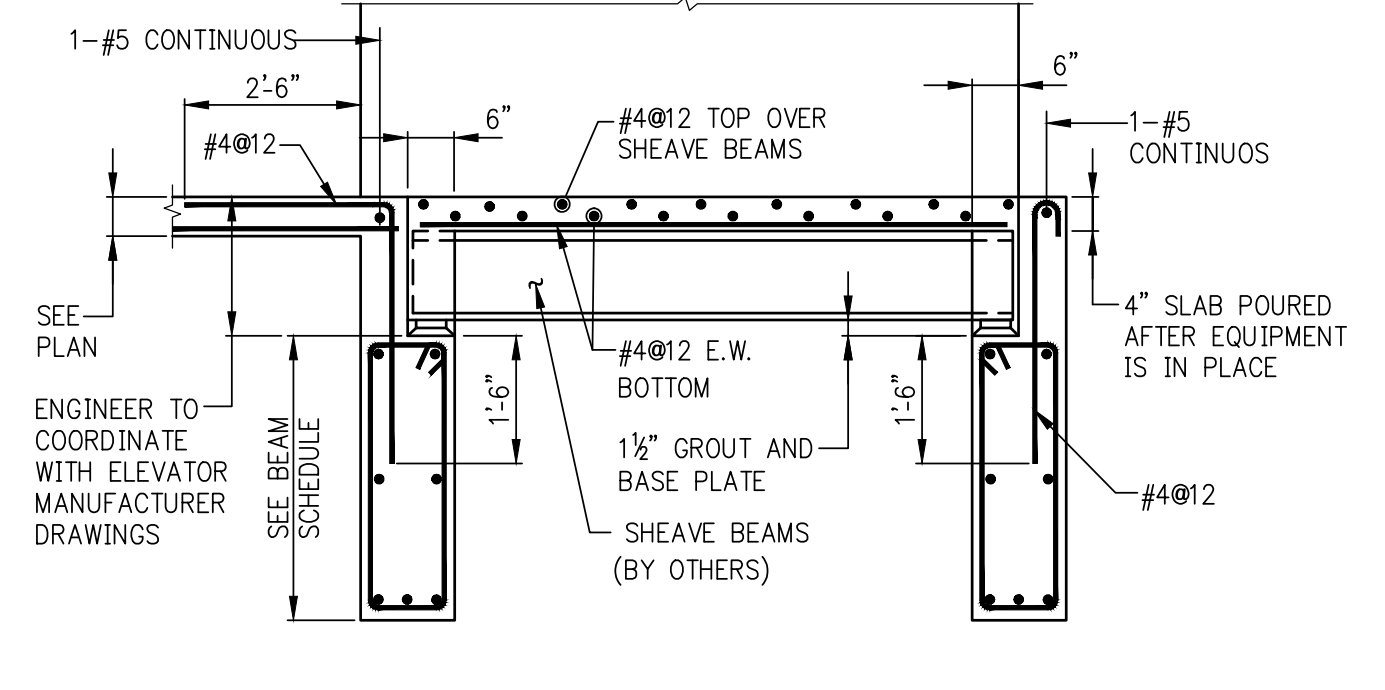
**MINIMUM SHEAR REINFORCEMENT FOR DEEP BEAMS (D ≥ L<sub>n</sub>/4)**

h=BEAM WIDTH	MINIMUM STIRRUPS (A <sub>v</sub> ) (SPACING = S)	MINIMUM F BARS (A <sub>wh</sub> ) (SPACING = S <sub>2</sub> )
UP TO 12"	1-#4 @ 12" MAX.	#4 E.F. @ 12" MAX.
12" TO 24"	2-#4 @ 12" MAX.	#4 E.F. @ 12" MAX.
24" TO 36"	3-#4 OR 2-#5 @ 12" MAX.	#5 E.F. @ 12" MAX.
36" TO 42"	2-#5 @ 12" MAX.	#5 E.F. @ 12" MAX.
42" TO 48"	4-#4 OR 3-#5 @ 12" MAX.	#5 E.F. @ 12" MAX.
OVER 48"	DESIGNER TO PROVIDE	

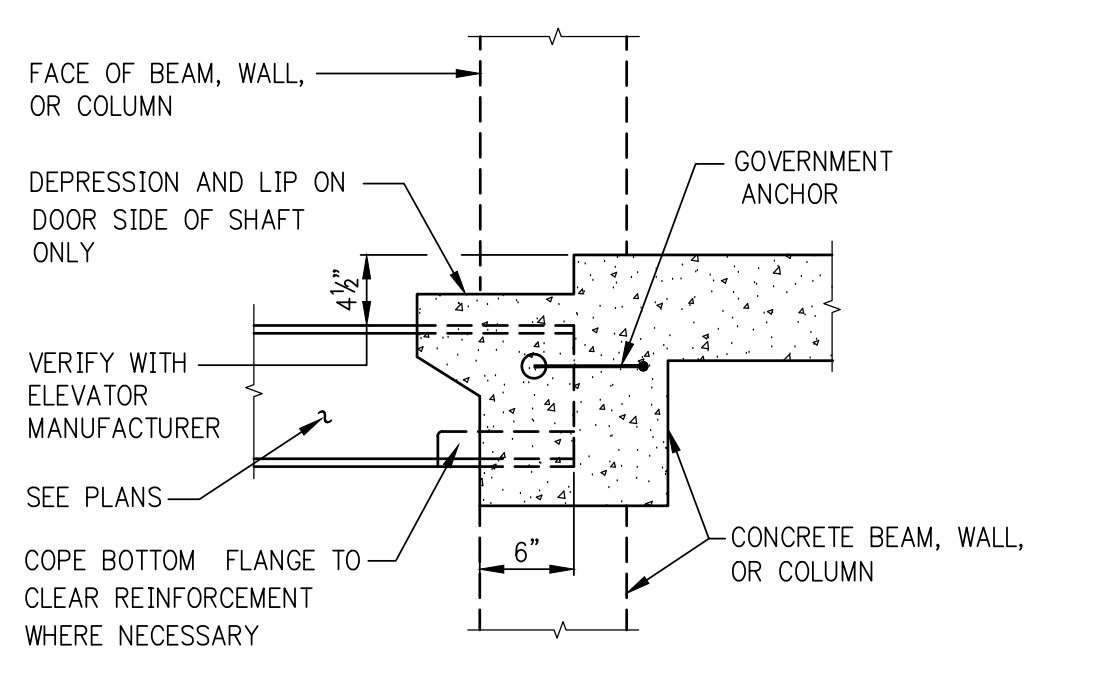
\* PER ACI 11.8.4 AND 11.8.5, SPACINGS S AND S<sub>2</sub> SHALL NOT EXCEED D/5, NOR 12 INCHES.



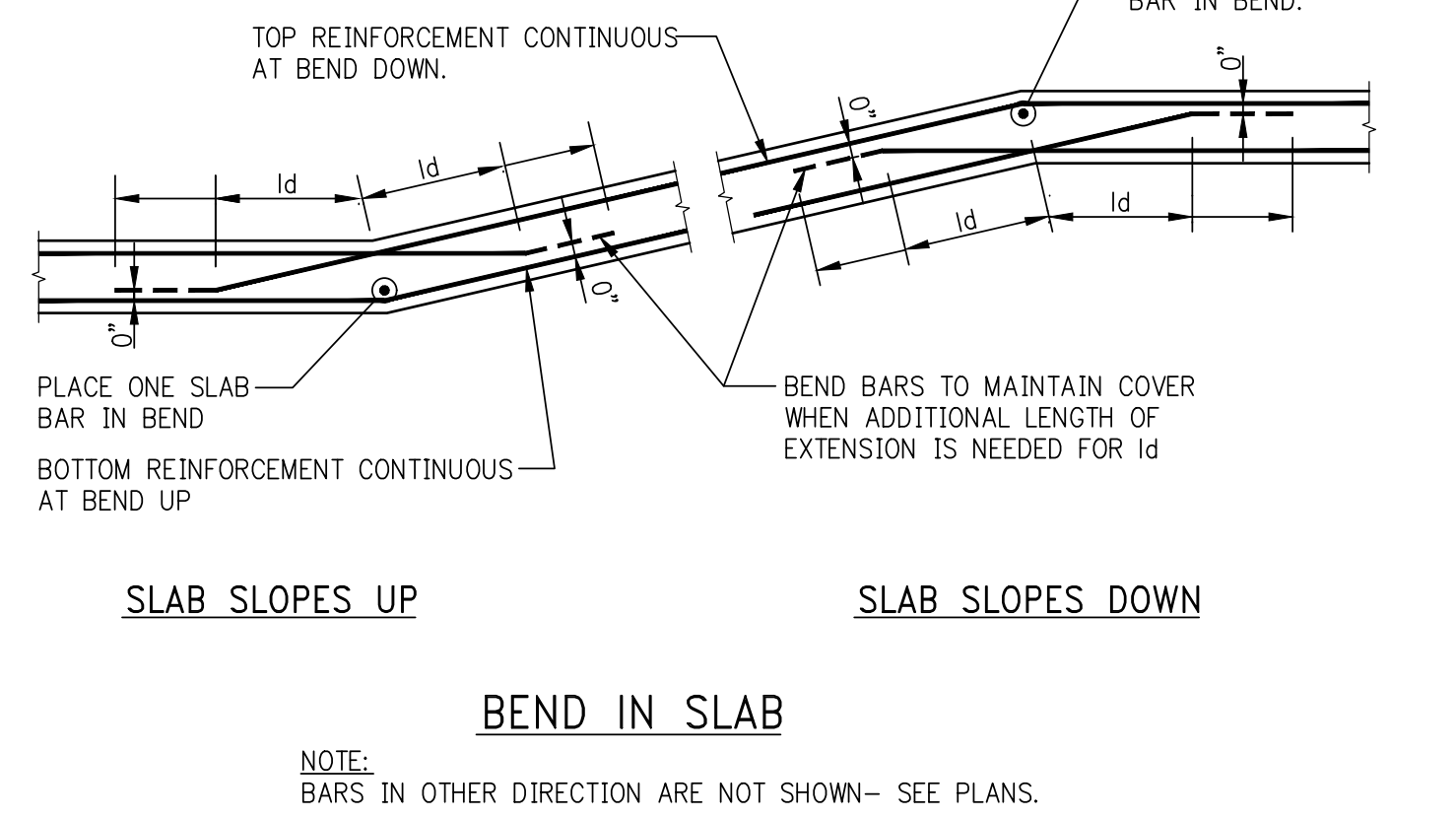
- NOTES:**
- WHERE BARS ARE PLACED IN TWO LAYERS THE MINIMUM CLEAR DISTANCE BETWEEN LAYERS SHALL BE THE LARGER OF: A) BAR DIAMETER, OR B) 1".
  - BEAM REINFORCEMENT SHALL BE LOCATED LATERALLY AS REQUIRED TO CLEAR COLUMN VERTICAL REINFORCEMENT.
  - WHERE BEAMS MEET AND CROSS EACH OTHER AT A SUPPORT, THE SHALLOWER BEAM SHALL HAVE ITS TOP REINFORCEMENT PLACED IN THE OUTERMOST (TOP) LAYER.
  - IN THE EVENT ONE CROSSING BEAM IS A CANTILEVER, THE CANTILEVER BEAM SHALL HAVE ITS TOP REINFORCEMENT PLACED IN THE OUTERMOST (TOP) LAYER.
  - WHERE F BARS (FACE BARS) ARE INDICATED IN THE BEAM SCHEDULE, THEY SHALL BE UNIFORMLY SPACED ON BOTH BEAM FACES AND SHALL BE CONTINUOUS, WITH STAGGERED 30 # LAP SPACES.
  - SEE SCHEDULE OF SHEAR REINFORCEMENT FOR DEEP BEAMS (D > L<sub>n</sub>/4) FOR MINIMUM STIRRUP AND FACE BAR REQUIREMENTS.
  - THE FIRST STIRRUP AT EACH END SHALL BE PLACED AT 1/3 THE SCHEDULED SPACE FROM THE FACE OF SUPPORTING MEMBER. SUBSEQUENT STIRRUPS SHALL BE SPACED AS INDICATED IN THE BEAM SCHEDULE. THE SCHEDULE GIVES NUMBER OF SPACES, NOT NUMBER OF STIRRUPS.
  - WHERE MORE THAN ONE STIRRUP IS INDICATED IN A SET, PLACE EACH SET AT THE SCHEDULED SPACING.
  - SCHEDULED STIRRUP SPACING IS THE SAME AT EACH END UNLESS OTHERWISE NOTED.
  - PROVIDE #4 CLOSED TIE STIRRUPS @ 18" O/C WHERE SCHEDULED STIRRUPS DO NOT EXTEND TO END OF TOP BARS.



**ALTERNATIVE ELEVATOR DIVIDER BEAM CONNECTION**



**ELEVATOR DIVIDER BEAM CONNECTION**



**ELEVATOR DIVIDER BEAM CONNECTION**

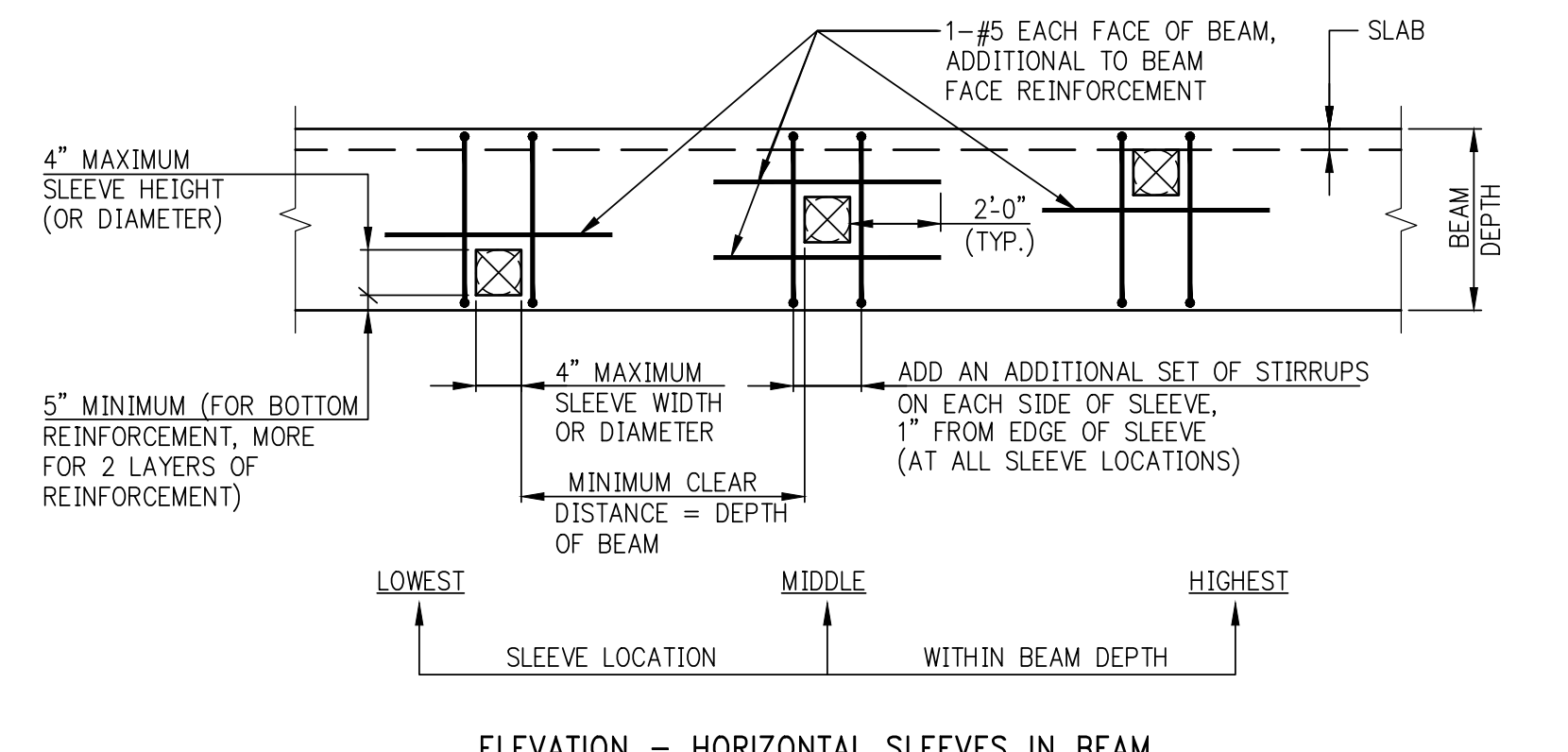
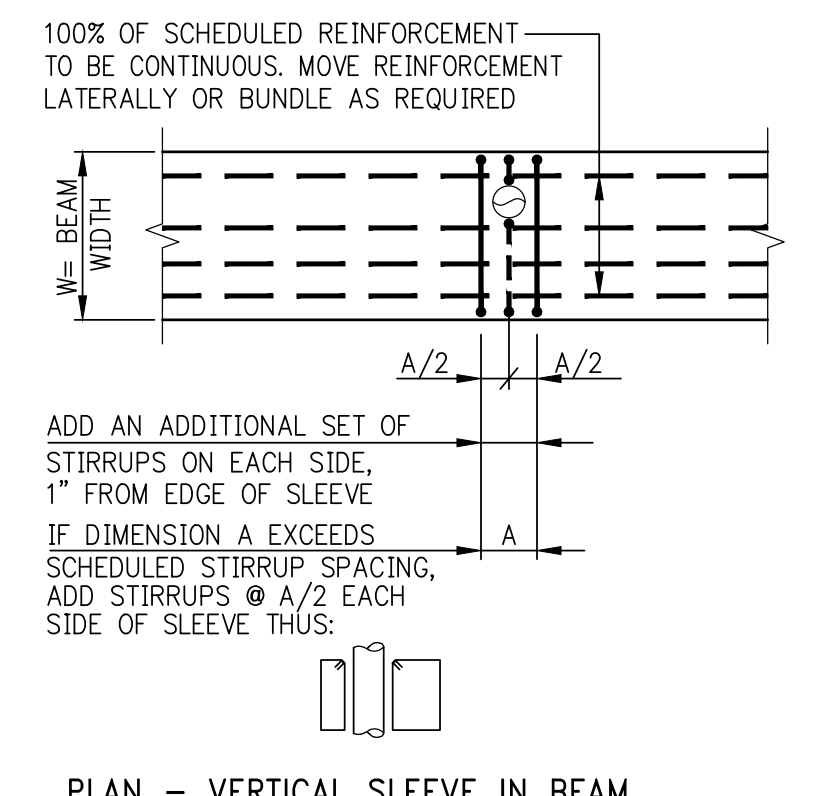
NON-CONTINUOUS SUPPORT WIDTH: COLUMN, WALL, OR BEAM - SEE PLAN

CONTINUOUS SUPPORT WIDTH: COLUMN, WALL, OR BEAM - SEE PLAN

CANTILEVER SUPPORT WIDTH: COLUMN, WALL, OR BEAM - SEE PLAN

NOTE: USE TYPICAL CUTOFF LENGTHS SHOWN UNLESS 'a' OR 'b' DIMENSIONS OR OTHER DIMENSIONS ARE GIVEN IN THE BEAM SCHEDULE

**TYPICAL BEAM ELEVATION**



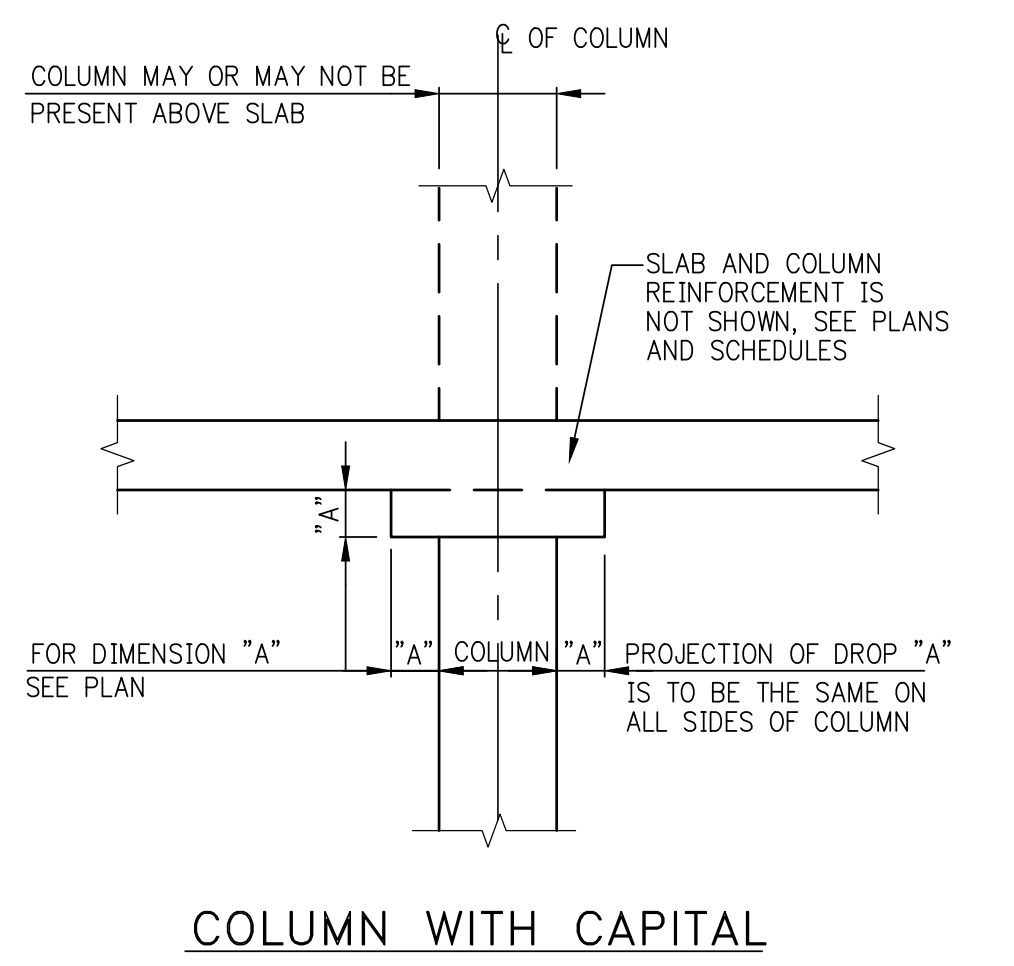
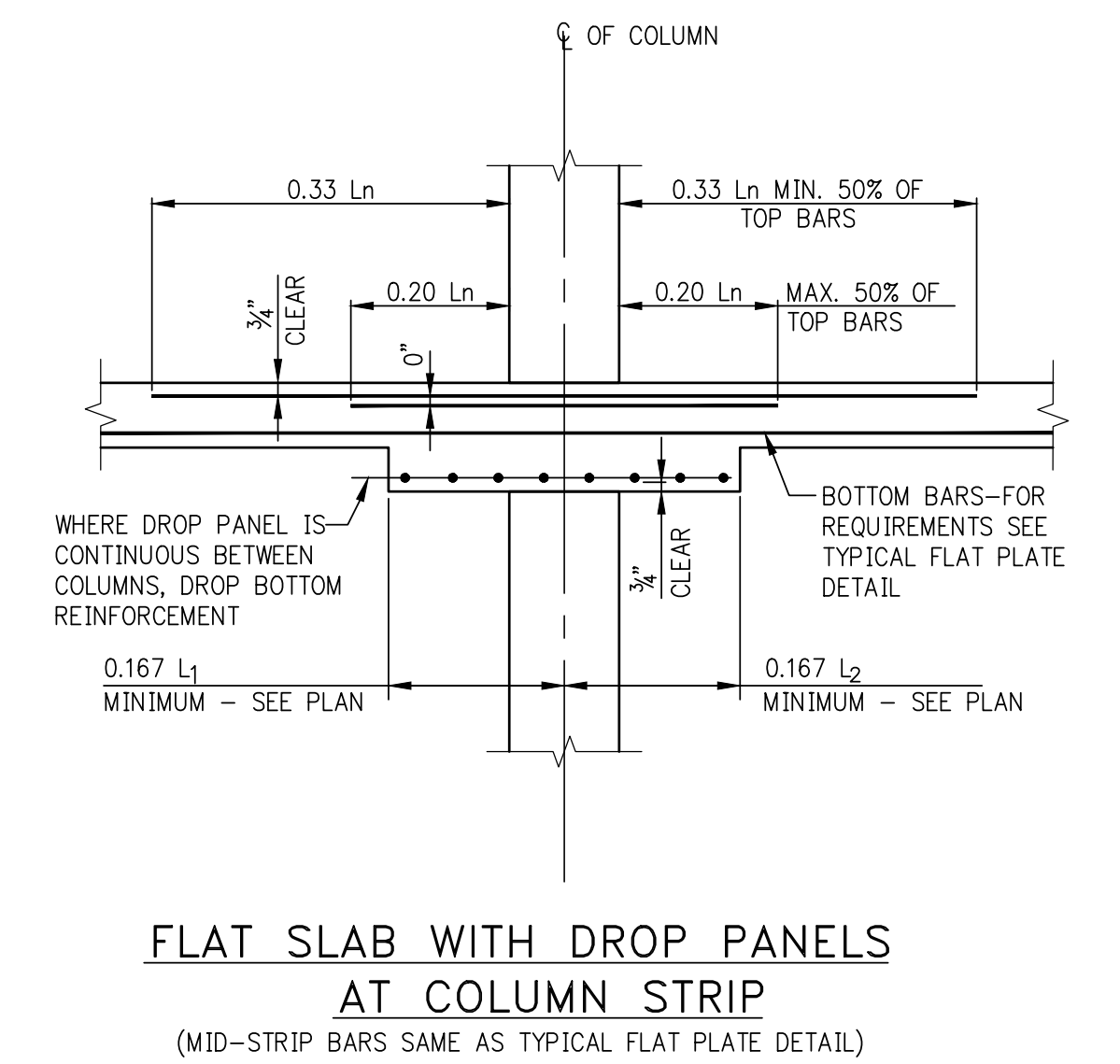
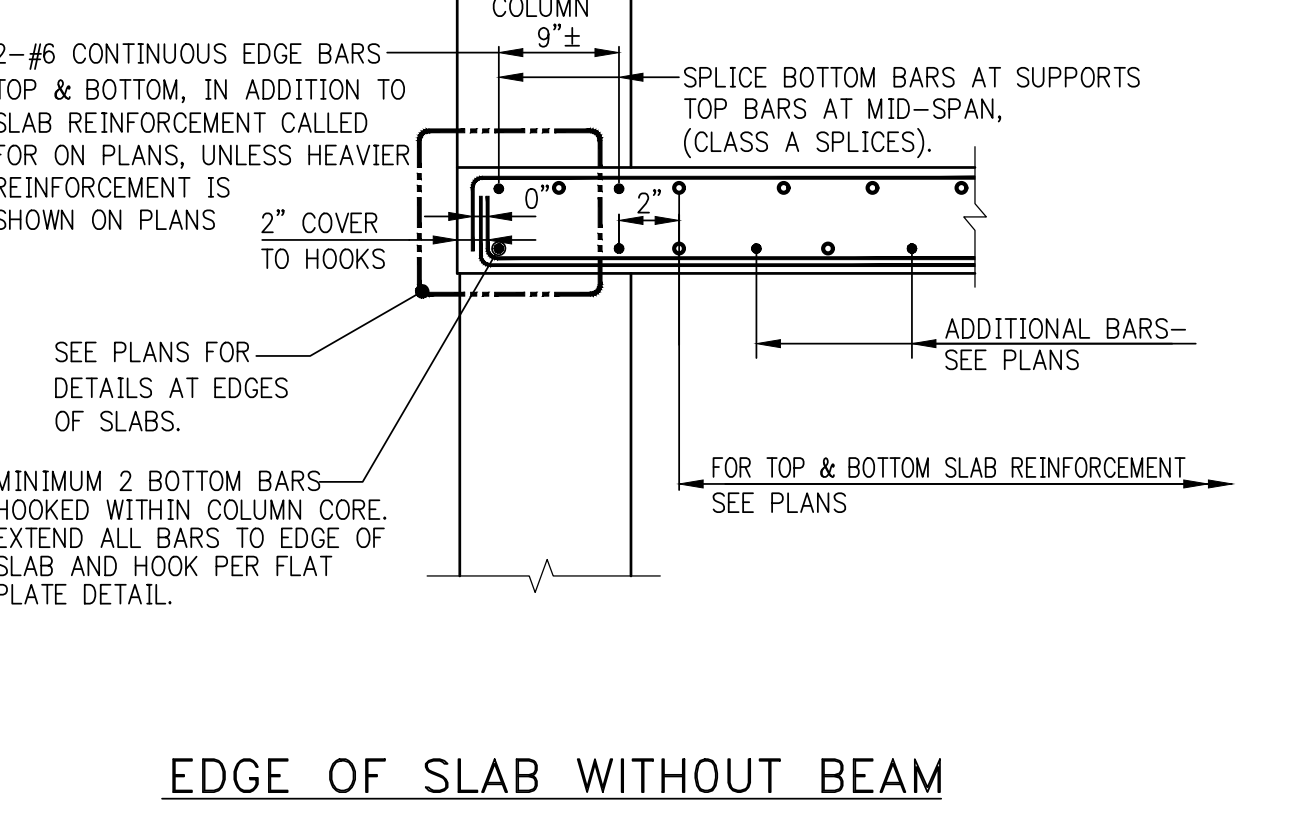
**ELEVATION - BEAM CONSTRUCTION JOINT**

**NOTE:** CONTRACTOR MUST SUBMIT LOCATIONS OF ALL CONSTRUCTION JOINTS TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.

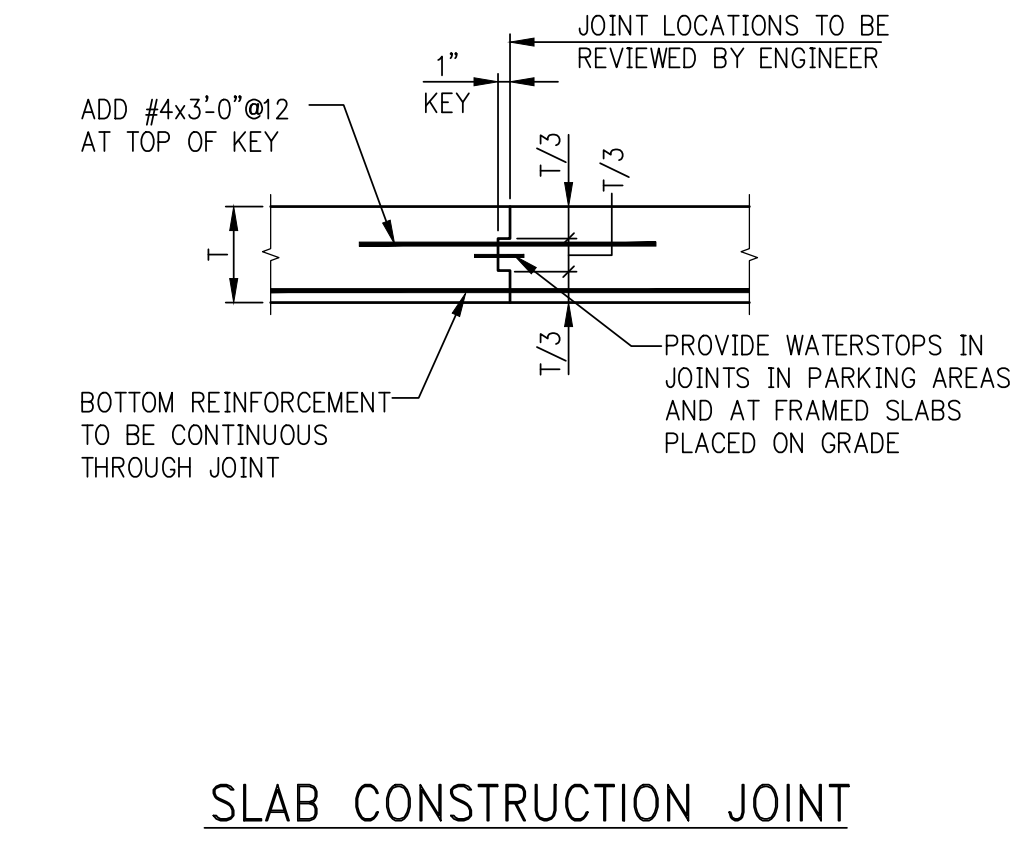
**SLEEVE PENETRATIONS THROUGH BEAMS**

**NOTES:**

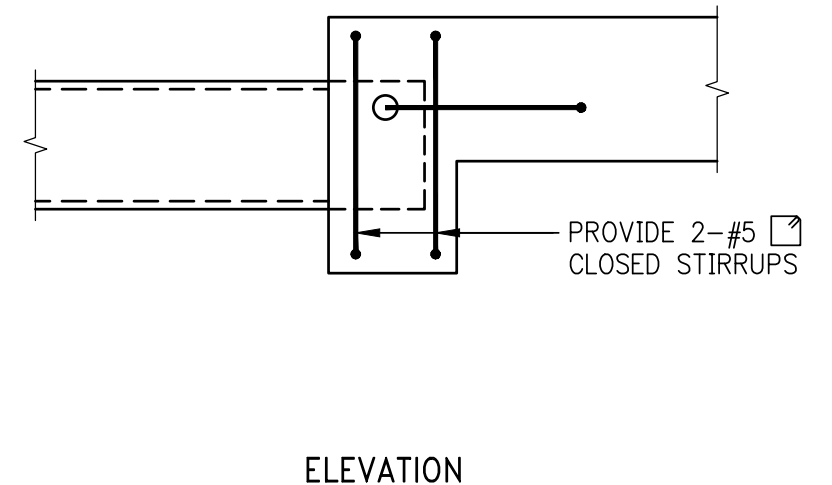
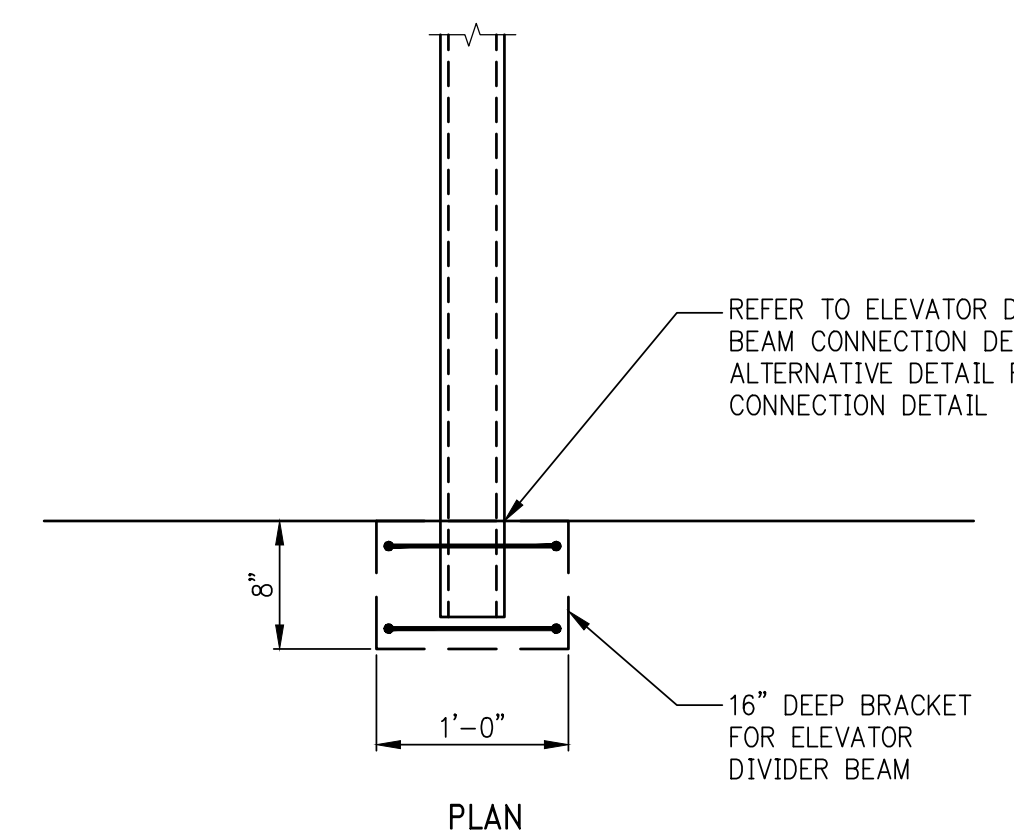
- ALL SCHEDULED BEAM REINFORCEMENT (NOT SHOWN) IS TO BE CONTINUOUS
- NO OPENINGS LARGER THAN 4" (SQUARE OR ROUND) ARE PERMITTED UNLESS SPECIFICALLY INDICATED ON STRUCTURAL PLANS.



**COLUMN WITH CAPITAL**



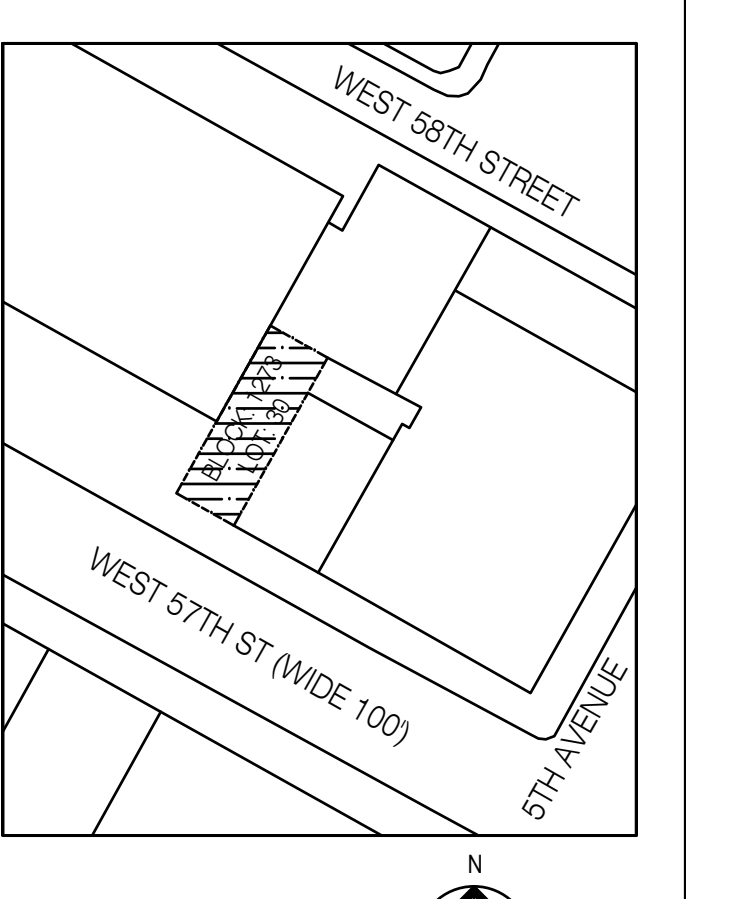
**SLAB CONSTRUCTION JOINT**



**BRACKET AT ELEVATOR DIVIDER BEAM**

**NOTES:**

- REFER TO ELEVATOR DIVIDER BEAM DETAILS FOR BALANCE OF INFORMATION.
- VERIFY ALL MEMBERS SIZES AND DIMENSIONS WITH ELEVATOR MANUFACTURER.
- REFER TO FRAMING PLAN AND TYPICAL DETAILS FOR BALANCE OF REINFORCEMENT.



**KEY PLAN**

**NOTES:**

07	05/26/2017	100% CD
06	04/19/2017	90% CD
05	03/17/2017	80% CD
04	03/03/2017	03B SUBMISSION
03	02/12/2017	ISSUED AS PER OTHER COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	03B SUBMISSION

Number:      Date:      Revision:

Project:

**7**  
WEST 57TH STREET  
NEW YORK, NY 10019

Client:

**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:

**HILL WEST ARCHITECTS**  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T: 212.253.8302

Interior Designer:

**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:

**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888

MEP/FE Engineer:

**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:

**VDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:

**TYPICAL SUPERSTRUCTURE DETAILS 1**

SEAL & SIGNATURE:      DATE: 02/17/2017

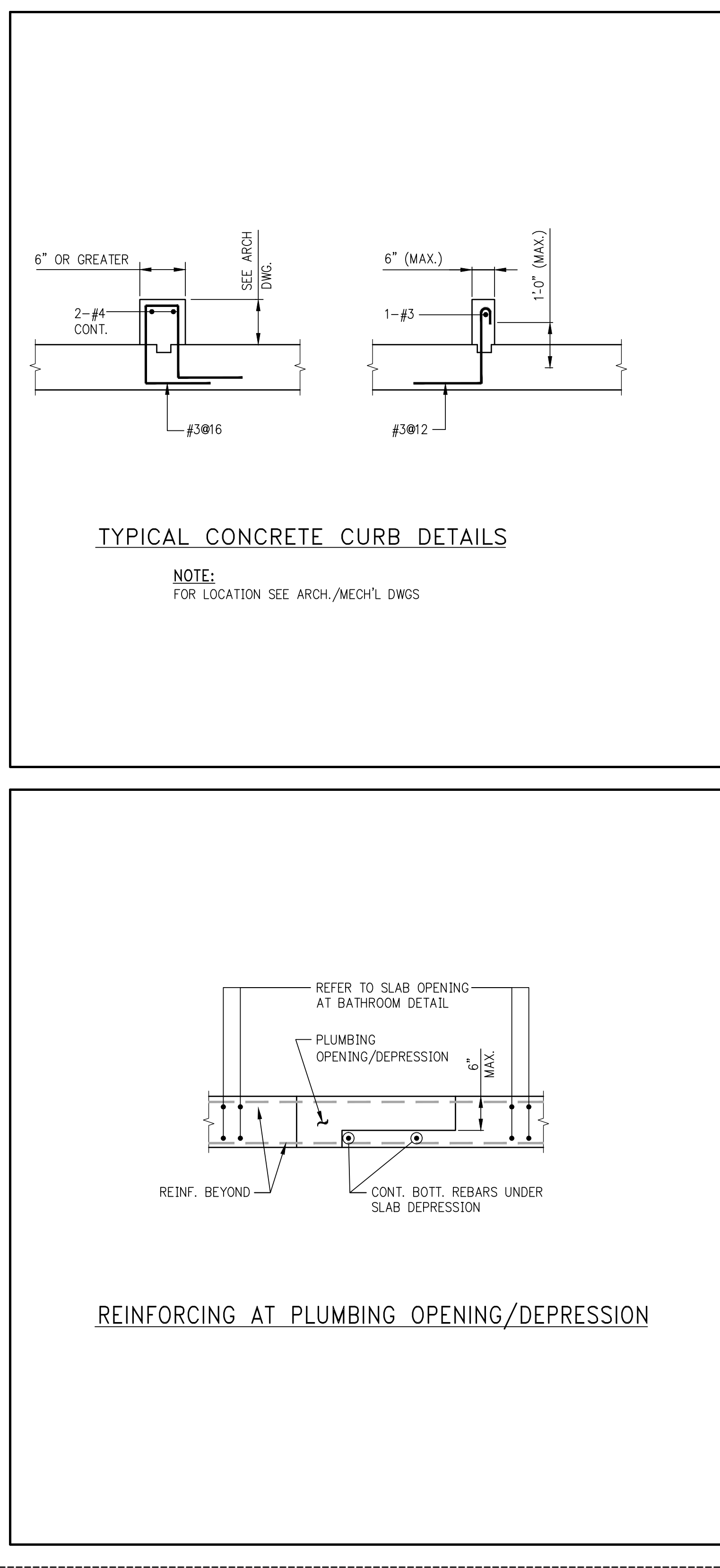
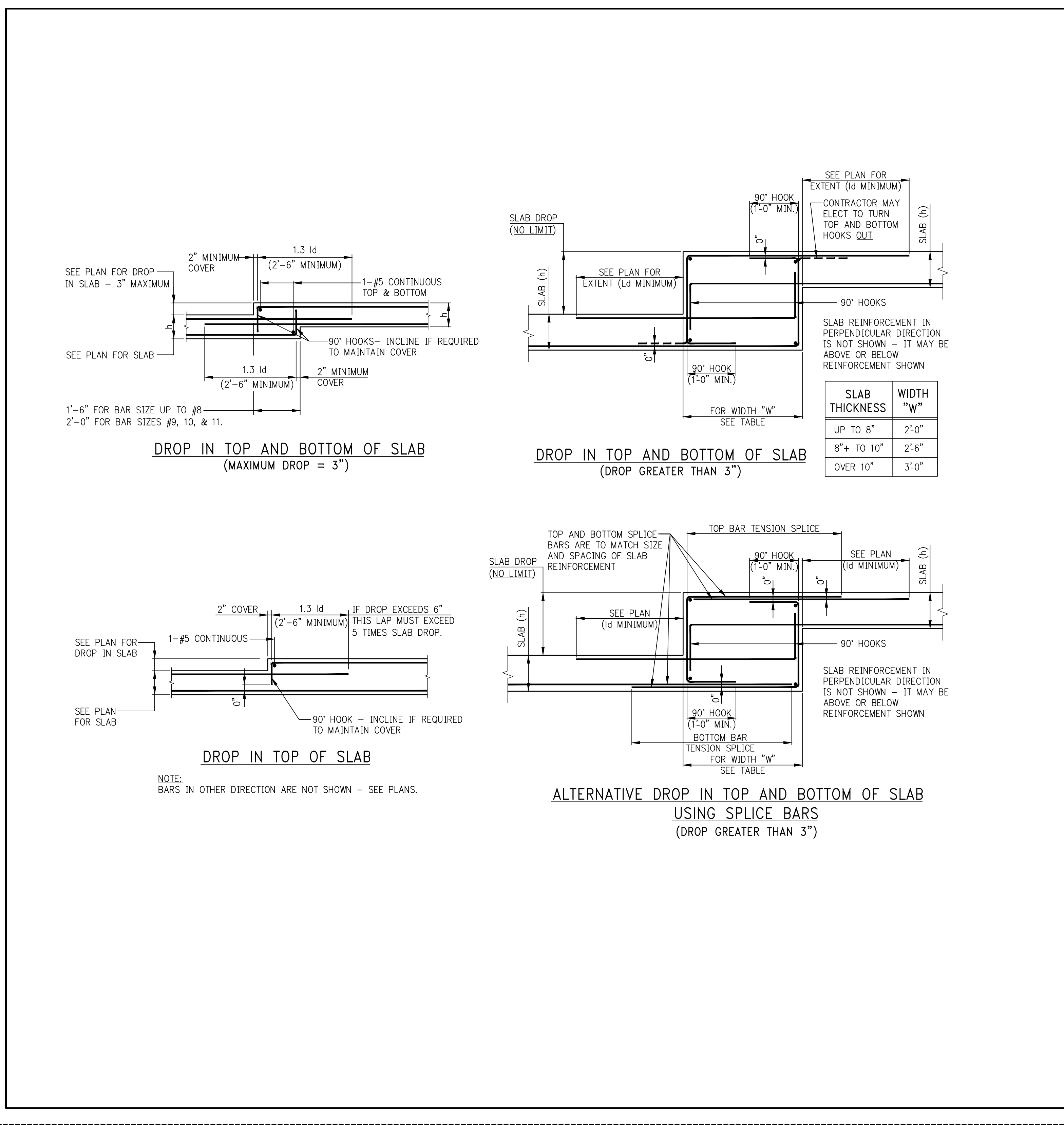
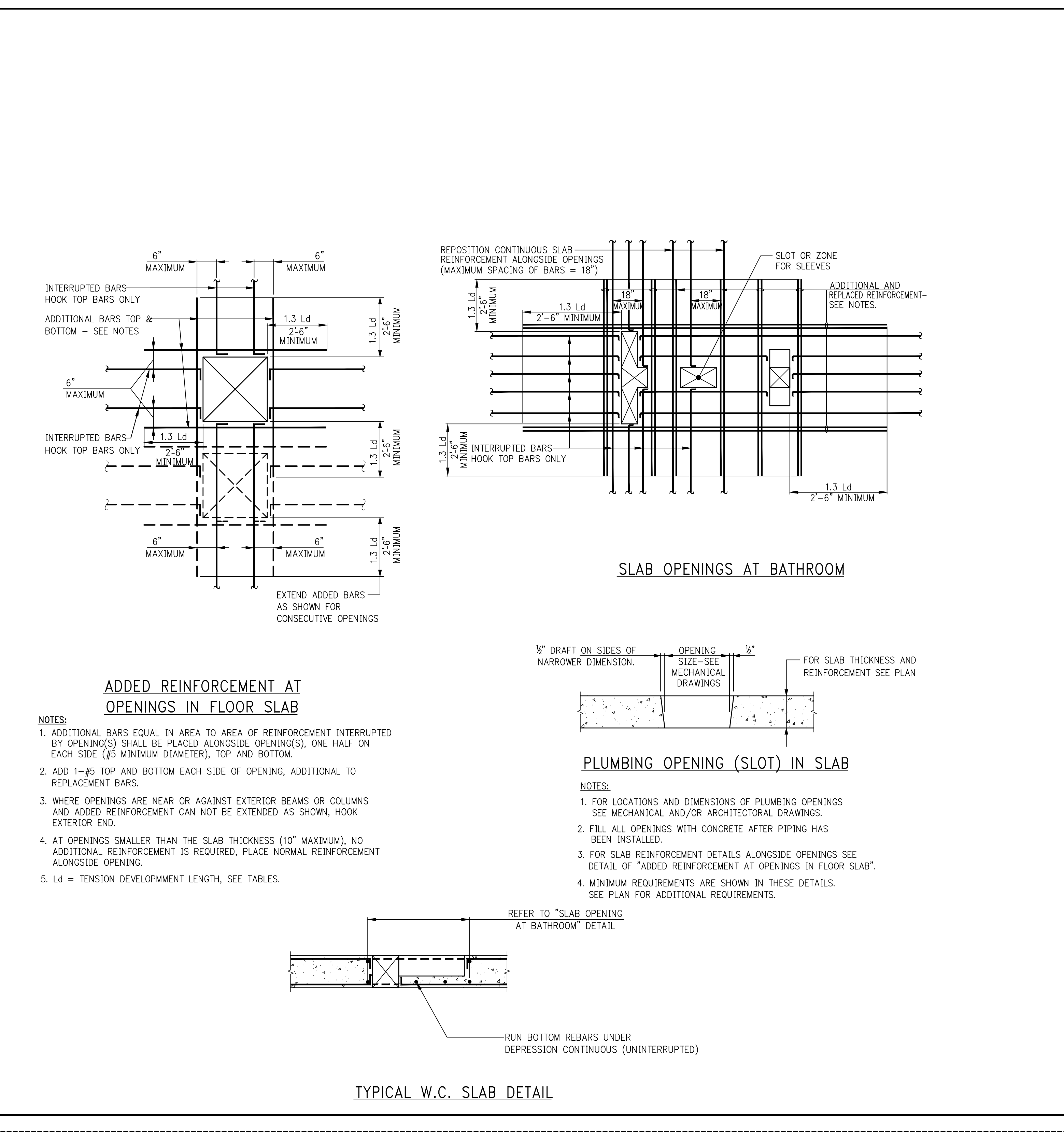
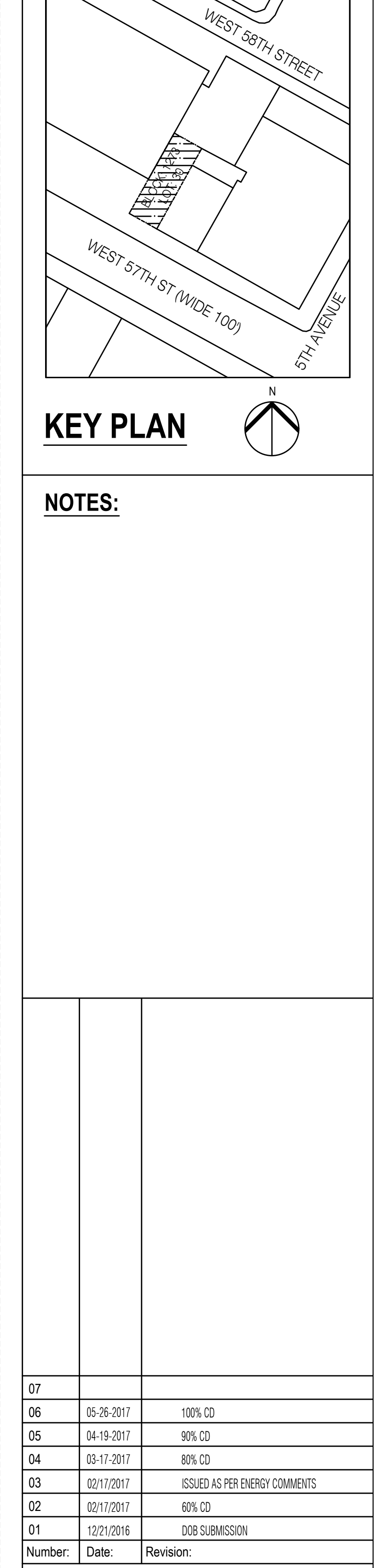
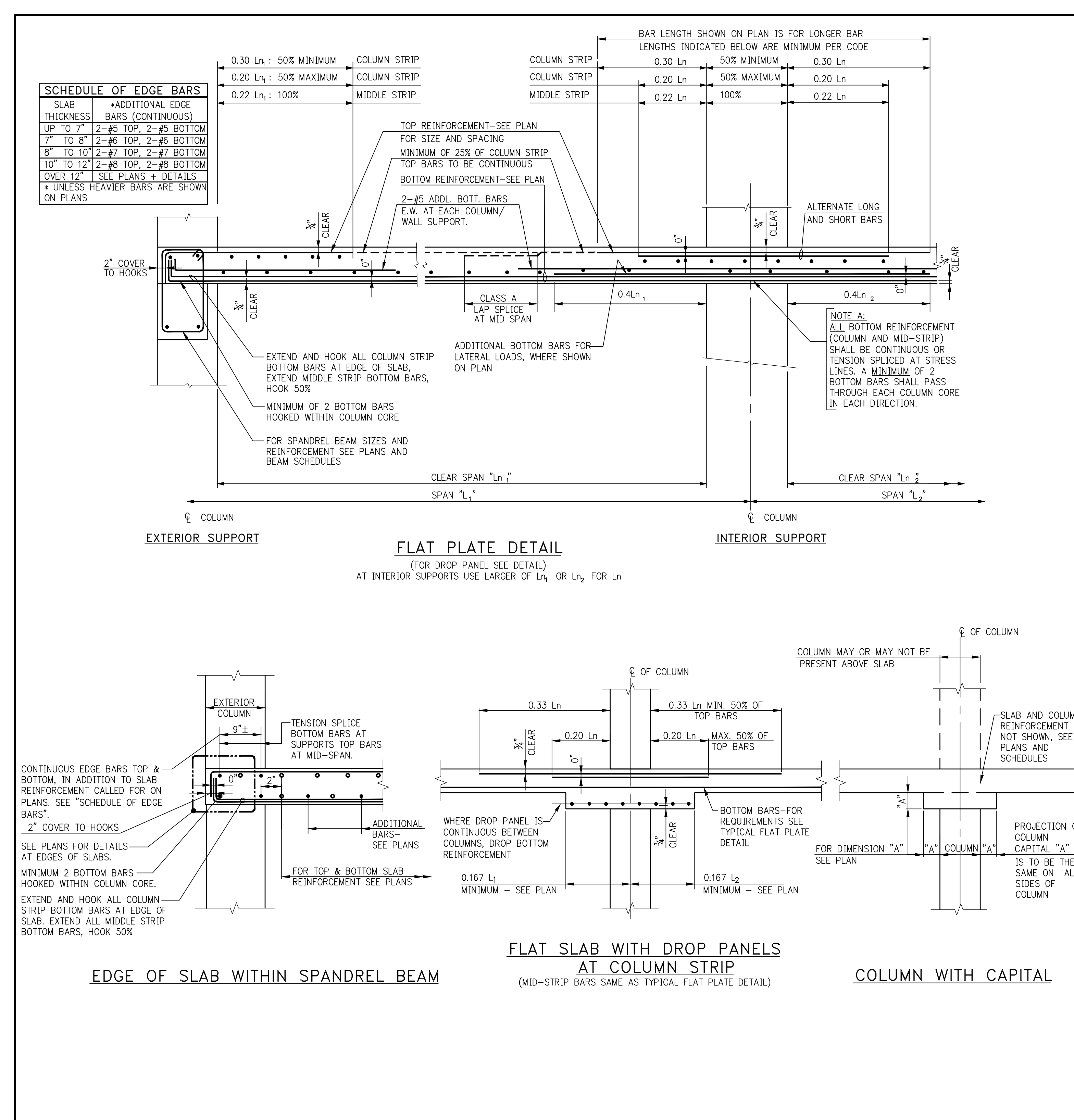
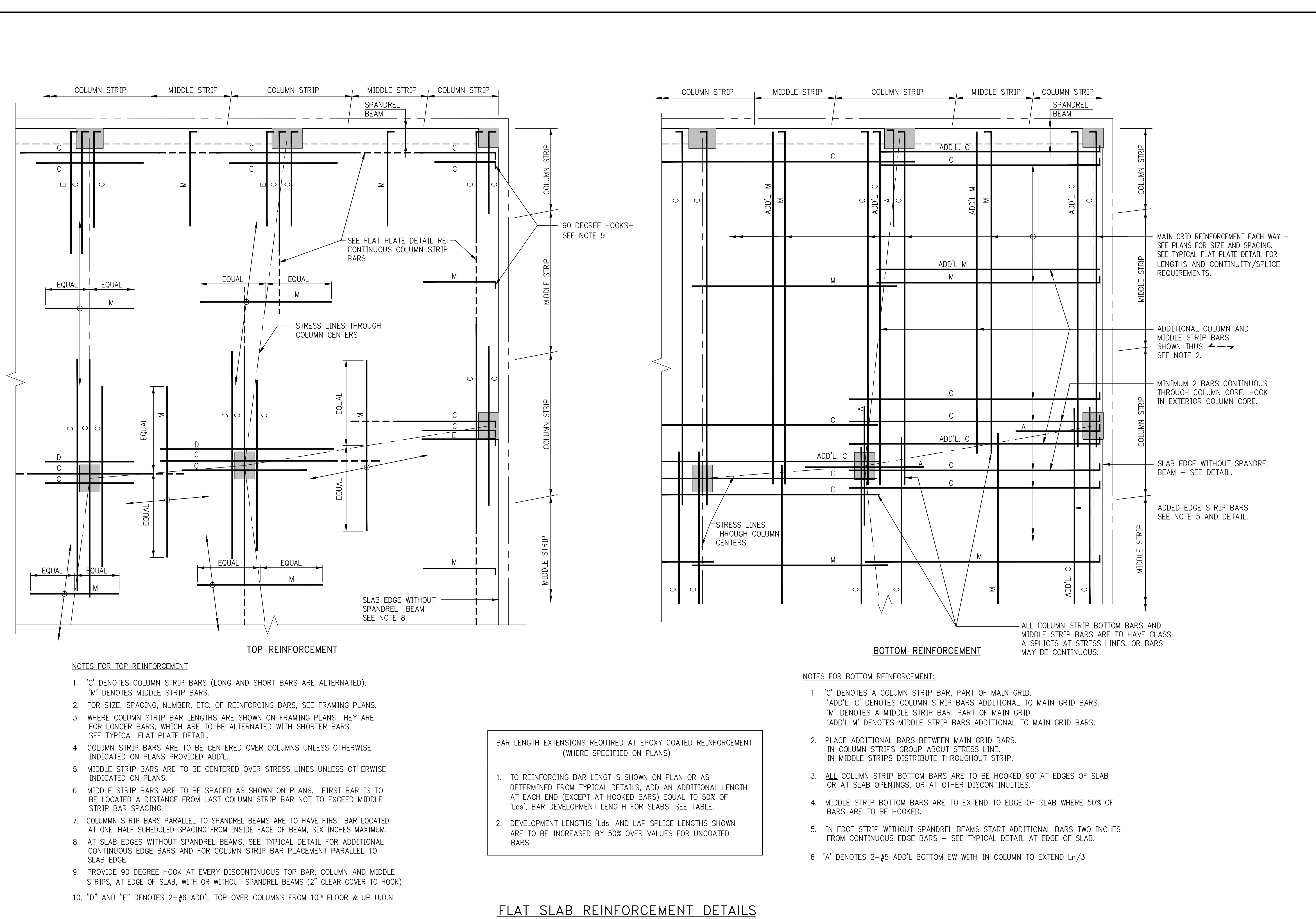
PROJECT #: 1605937

SCALE: AS NOTED

**S-960.00**

DWG NO

NB#121191441



REV	DATE	DESCRIPTION
07	09-26-2017	100% CD
06	04-19-2017	90% CD
05	04-19-2017	90% CD
04	03-17-2017	90% CD
03	02-17-2017	ISSUED FOR PERMITS COMMENTS
02	02-17-2017	90% CD
01	12-21-2016	DOB SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_

Project:

**7 WEST 57TH STREET NEW YORK, NY 10019**

Client: **SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect: **HILL WEST ARCHITECTS**  
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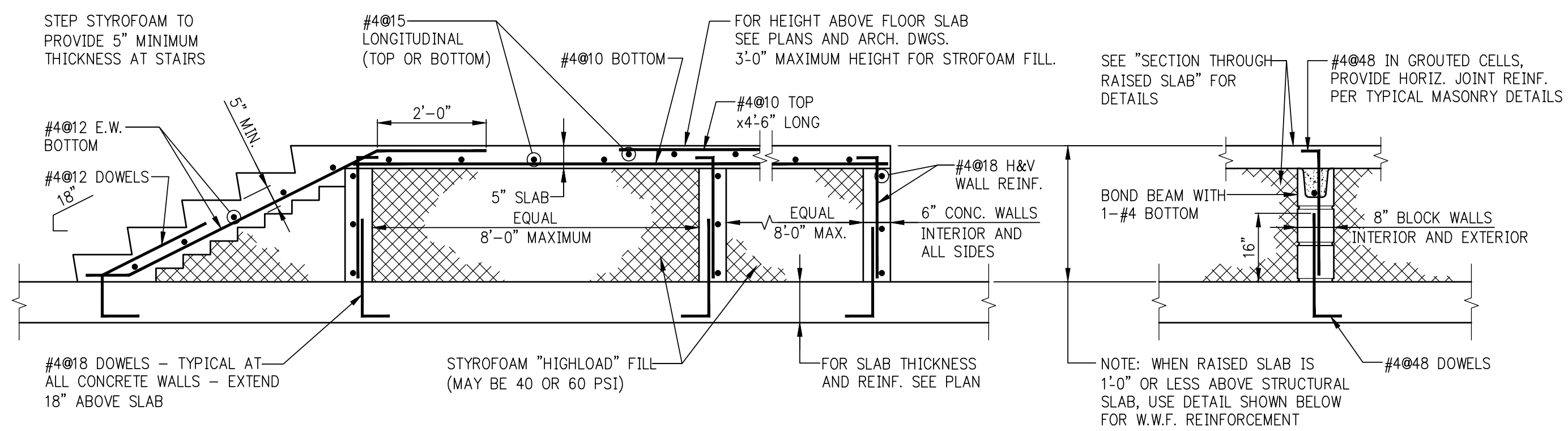
MEP/FE Engineer: **COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
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Building Envelope Consultant: **VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
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212-689-5389

DOB STAMPS & SIGNATURES:

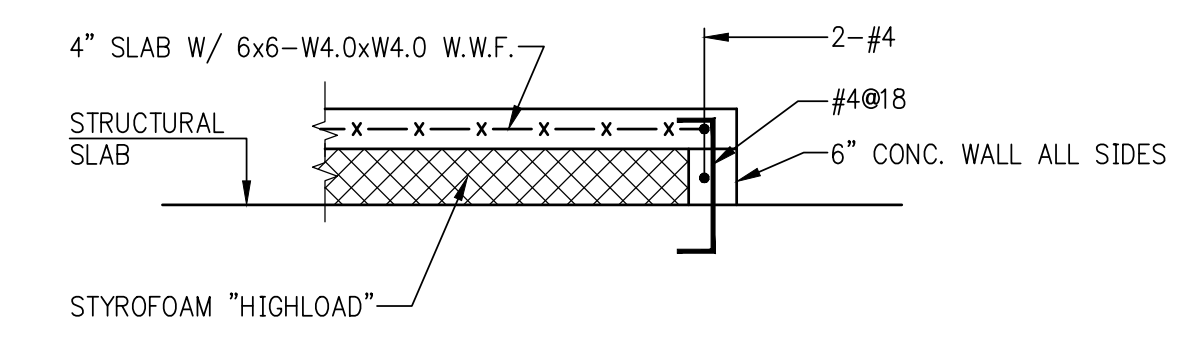
DWG TITLE: **TYPICAL SUPERSTRUCTURE DETAILS 2**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 02/17/2017  
PROJECT #: 16059397  
SCALES AS NOTED  
**S-961.00**  
DWG. NO.  
NBA#121191441

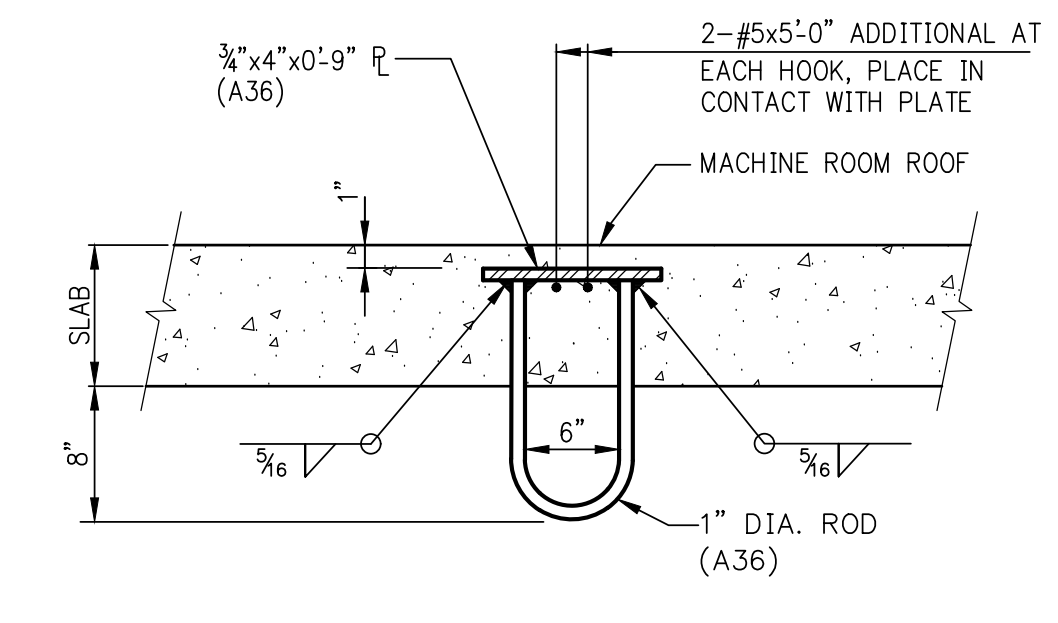


**SECTION THROUGH RAISED SLAB FORMED WITH STYROFOAM**  
 NOTES:  
 1. FOR STAIR TREADS, RISERS, AND WIDTH SEE ARCH. DWGS.  
 2. WHEN REQUIRED HEIGHT OF RAISED SLAB EXCEEDS 3'-0" USE STEEL DECK FORMS ALTERNATIVE.  
 (STEEL DECK FORMED SLABS HAVE NO HEIGHT RESTRICTIONS, MINIMUM OR MAXIMUM)

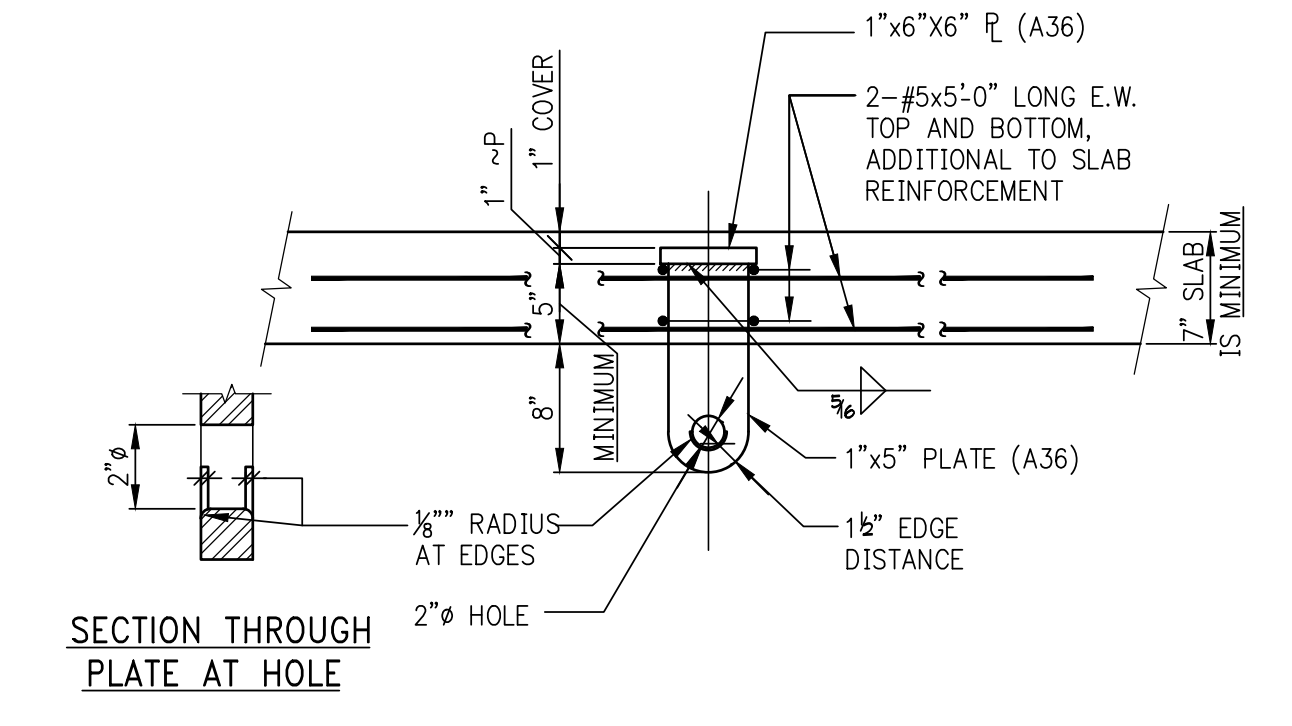
**RAISED SLAB - ALTERNATIVE SUPPORTING WALL**



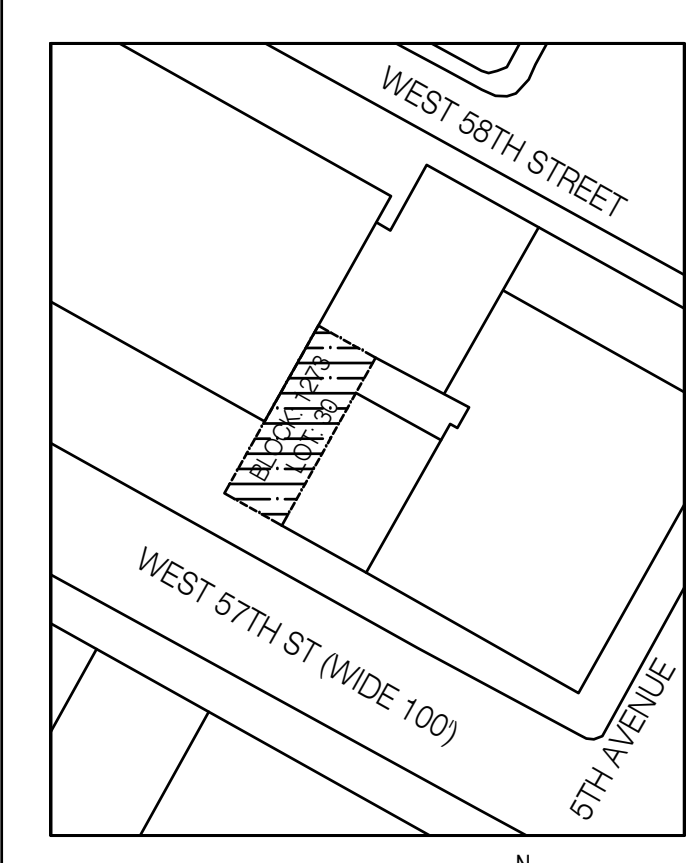
**RAISED SLAB - 1'-0" OR LESS IN HEIGHT ABOVE STRUCTURAL SLAB**



**LIFTING HOOK AT ELEVATOR**  
 MAXIMUM SERVICE LOAD LIFTING CAPACITY = 2,000 POUNDS.  
 FOR HEAVIER LOADS A SOLID PLATE WITH HOLE MUST BE PROVIDED.

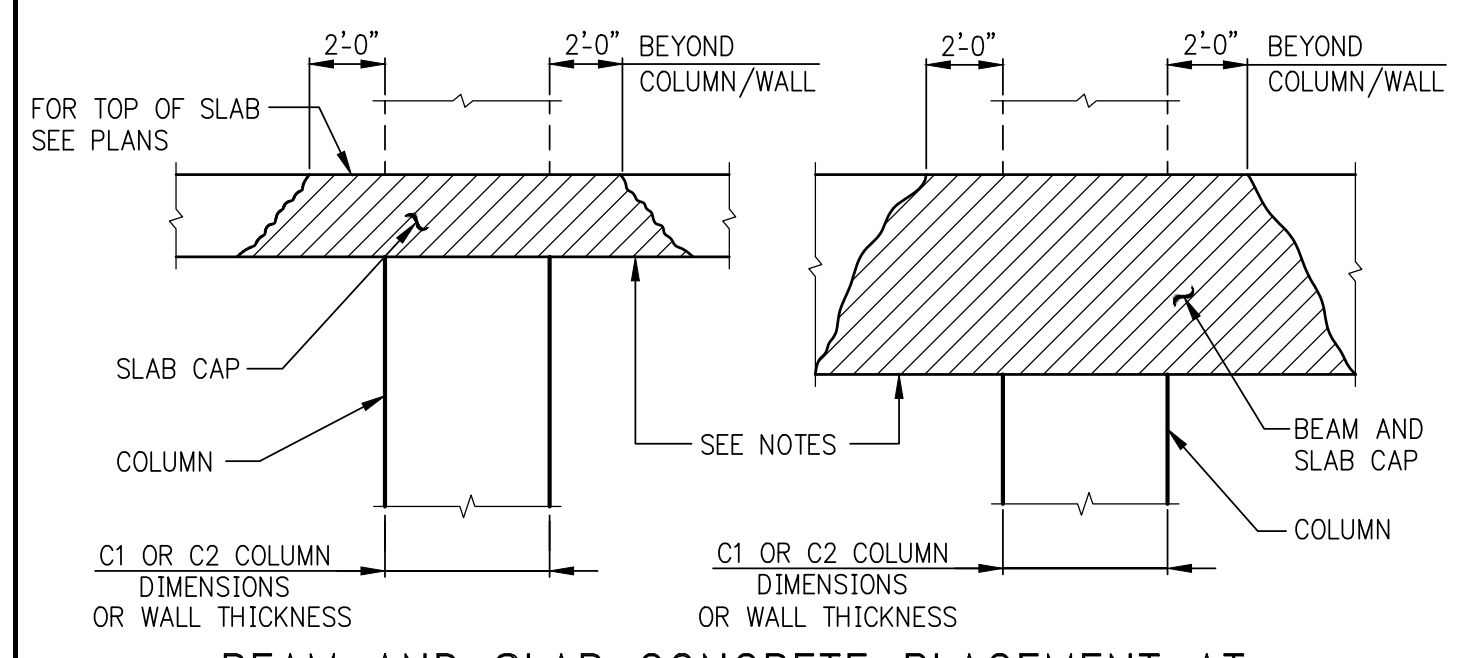


**HEAVY LIFTING "PADEYE" PLATE AT ELEVATOR**  
 MAXIMUM SERVICE LOAD LIFTING CAPACITY = 12,000 POUNDS.  
 NOTES:  
 1. SLAB REINFORCEMENT IS NOT SHOWN.  
 2. PLACE ADDITIONAL #5 BOTTOM BARS IN THE SAME PLANE(S) AS SLAB BOTTOM REINFORCEMENT.



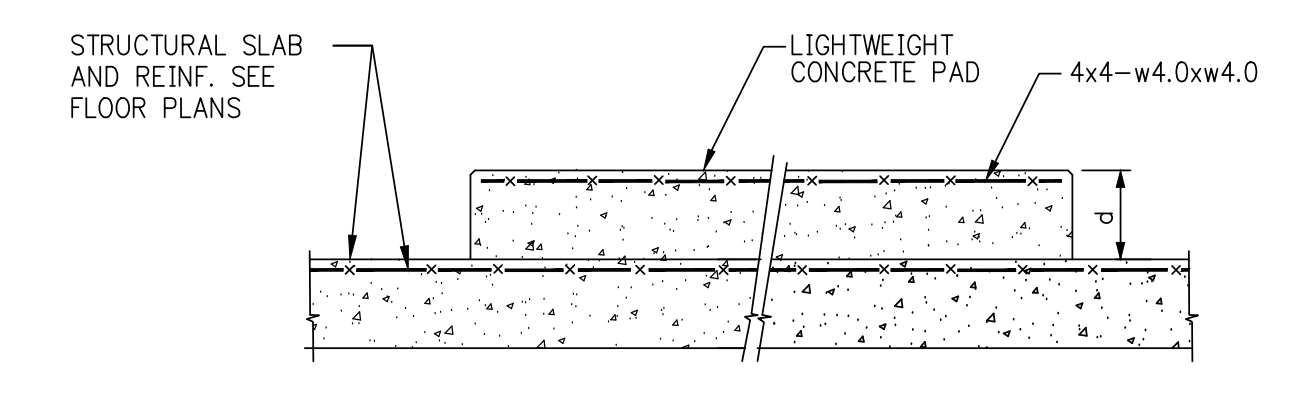
**KEY PLAN**

**NOTES:**



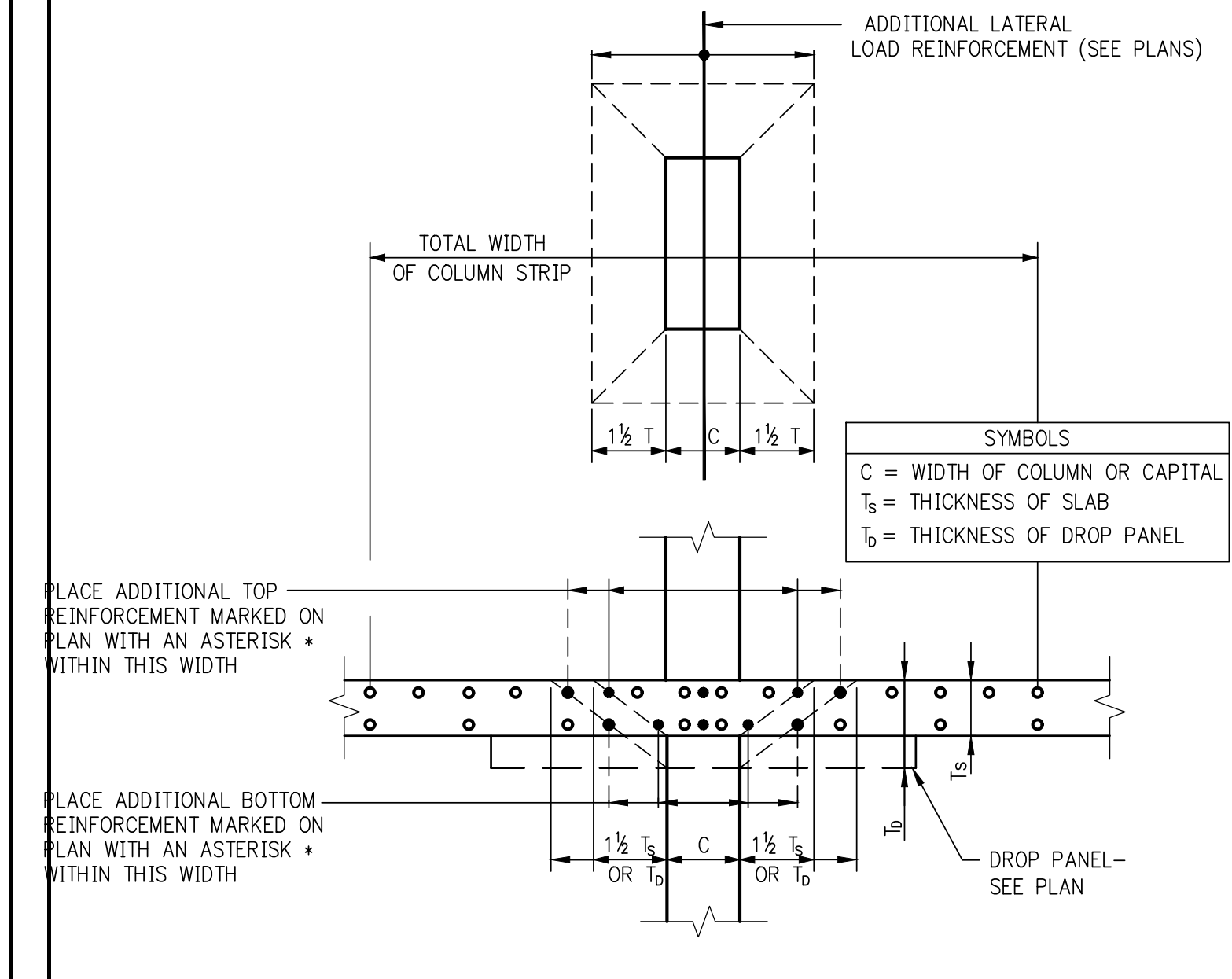
**BEAM AND SLAB CONCRETE PLACEMENT AT HIGH STRENGTH CONCRETE COLUMN OR WALL**

- NOTES:**
- CAP SHALL BE NORMAL-WEIGHT STONE CONCRETE, W/ A MINIMUM COMPRESSIVE STRENGTH OF F'<sub>c</sub>=8700PSI; CAP SHALL EXTEND BEYOND COLUMN/WALL IN ALL DIRECTIONS AS SHOWN ABOVE.
  - CAP CONCRETE SHALL NOT BE PLACED OVER THE COLUMN/WALL UNTIL COLUMN/WALL CONCRETE IS NO LONGER PLASTIC, BUT IN NO CASE LESS THAN TWO HOURS AFTER COLUMN/WALL CONCRETE PLACEMENT HAS BEEN COMPLETED.
  - THE BALANCE OF CONCRETE IN SLAB AND BEAMS SHALL BE PLACED WHILE CAP CONCRETE IS STILL IN A WORKABLE PLASTIC CONDITION, BEFORE INITIAL SET. RETEMPERING OF CONCRETE WILL NOT BE PERMITTED.
  - IN LIEU OF PLACING TWO DIFFERENT STRENGTHS OF CONCRETE WITHIN THE SAME FLOOR SYSTEM, THE CONTRACTOR MAY ELECT (AT NO ADDITIONAL COST TO THE OWNER) TO PLACE ONE STRENGTH THROUGHOUT THE ENTIRE FLOOR.
  - WHEN COLUMN/WALL CONCRETE STRENGTH EXCEEDS 10,000 PSI, THE CAP DETAILS SHOWN ABOVE MUST BE FOLLOWED, USING CAPS OF SAME CONCRETE STRENGTH AS IN COLUMNS/WALLS, AND THE STRENGTH SPECIFIED ON THE DRAWINGS FOR THE BALANCE OF THE FLOOR SYSTEM.



**TYPICAL CONCRETE PAD DETAIL**

NOTE:  
 FOR PAD EXTENT, DEPTH AND LOCATION SEE ARCH. & MECH. DWGS.



**ADDITIONAL COLUMN STRIP REINFORCEMENT DUE TO LATERAL LOAD (WIND OR SEISMIC)**

NOTE:  
 ADDITIONAL TOP OR BOTTOM BARS ARE NOTED ON PLAN WITH AN ASTERISK \*

07	05/26/2017	100% CD
06	04/19/2017	90% CD
05	03/17/2017	80% CD
04	03/03/2017	DOB SUBMISSION
03	02/12/2017	ISSUED AS PER OWNER COMMENTS
02	02/12/2017	80% CD
01	12/21/2016	DOB SUBMISSION

Client:  
**7**  
 WEST 57TH STREET  
 NEW YORK, NY 10019

SOLOWS57  
 SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
 9 WEST 57TH STREET, 45TH FLOOR  
 NEW YORK, NY 10019

**HILL WEST**  
 ARCHITECTS  
 11 BROADWAY  
 17TH FLOOR  
 NEW YORK, NY 10004  
 T. 212.213.8602

Interior Designer:  
**Whitehall INTERIORS**  
 11 Broadway, Suite 1532  
 New York, NY 10004  
 (212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
 ONE PENN PLAZA  
 250 WEST 34TH STREET, 2ND FLOOR  
 NEW YORK, NY 10119  
 212-687-8888

MEP/P Engineer:  
**COSENTINI ASSOCIATES**  
 TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
 NEW YORK, NY 10121  
 212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
 360 PARK AVENUE SOUTH, 15TH FL.  
 NEW YORK 10010  
 212-689-5389

DOB STAMPS & SIGNATURES:

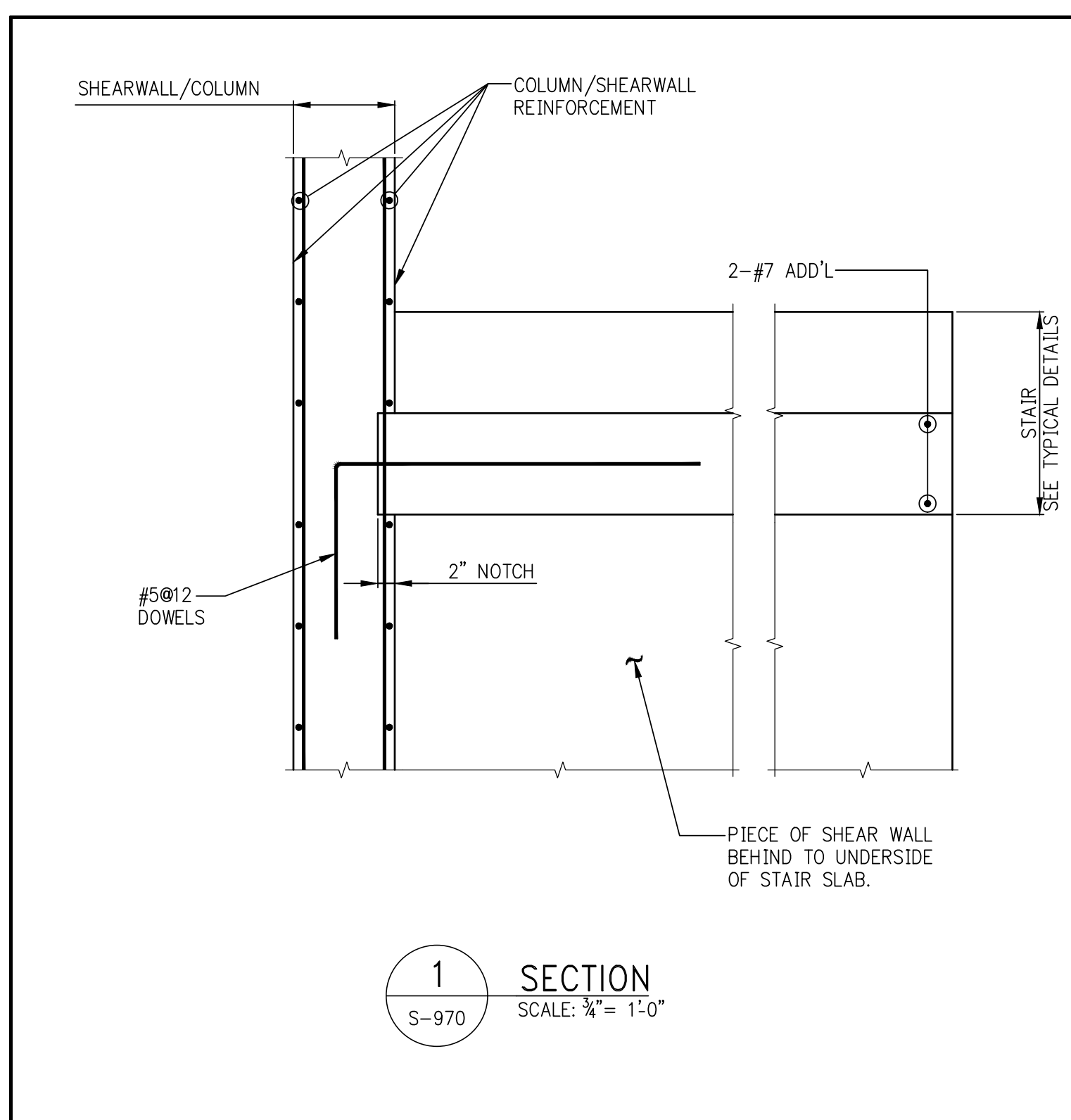
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**TYPICAL SUPERSTRUCTURE DETAILS 3**

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 PROJECT #: 1605937  
 SCALE: AS NOTED  
**S-962.00**  
 DWG. NO.  
 NB#121191441

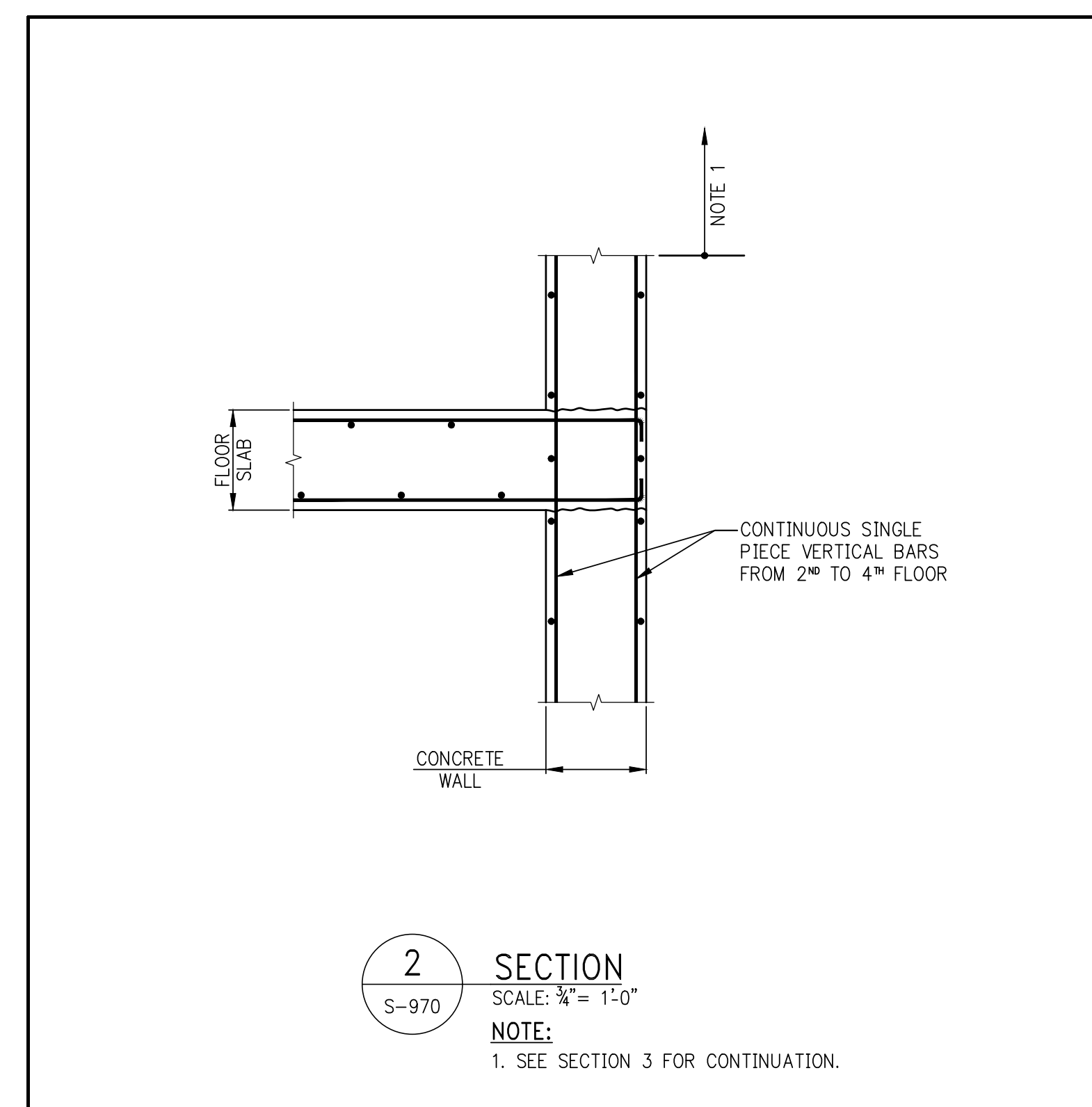




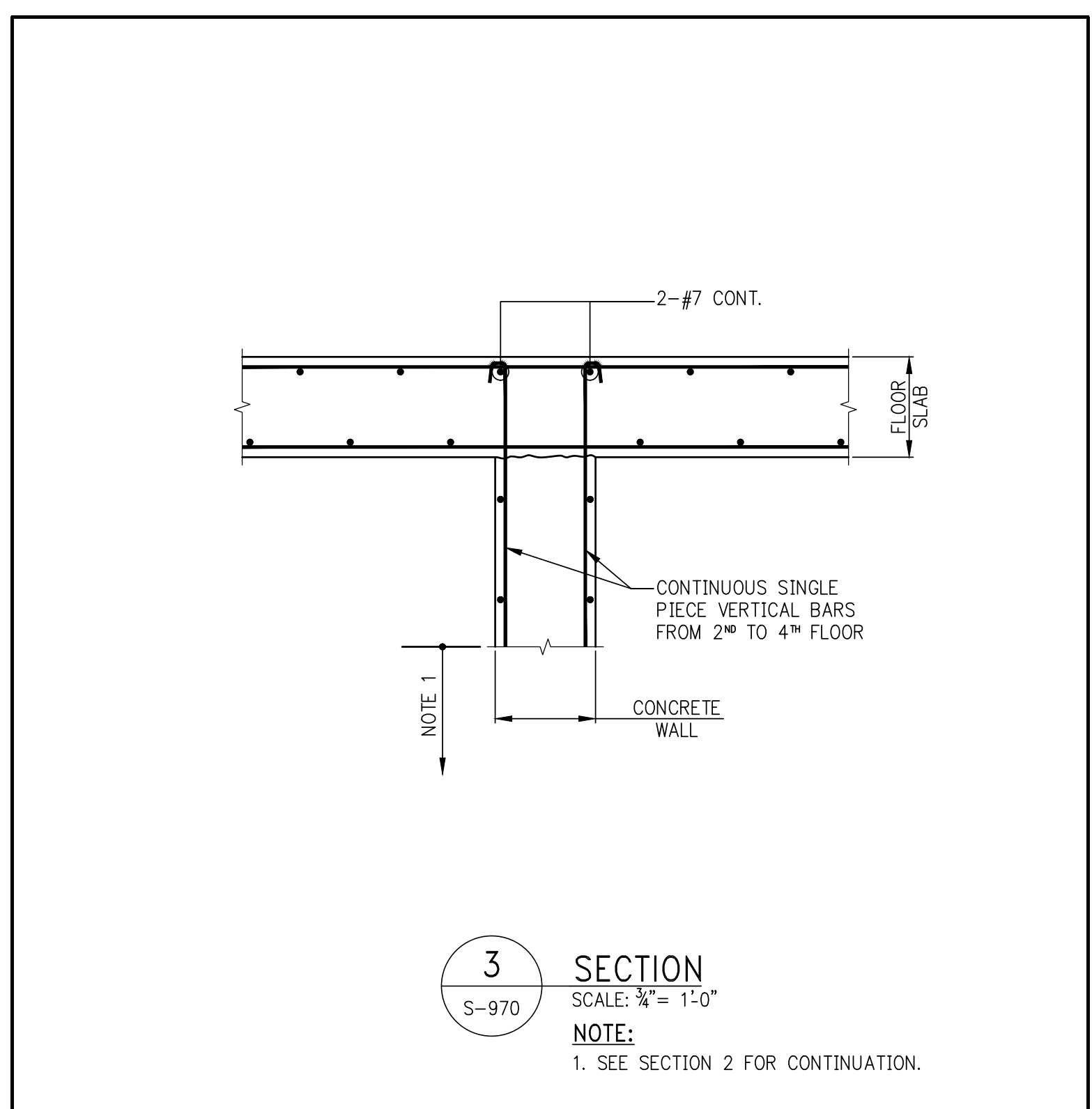




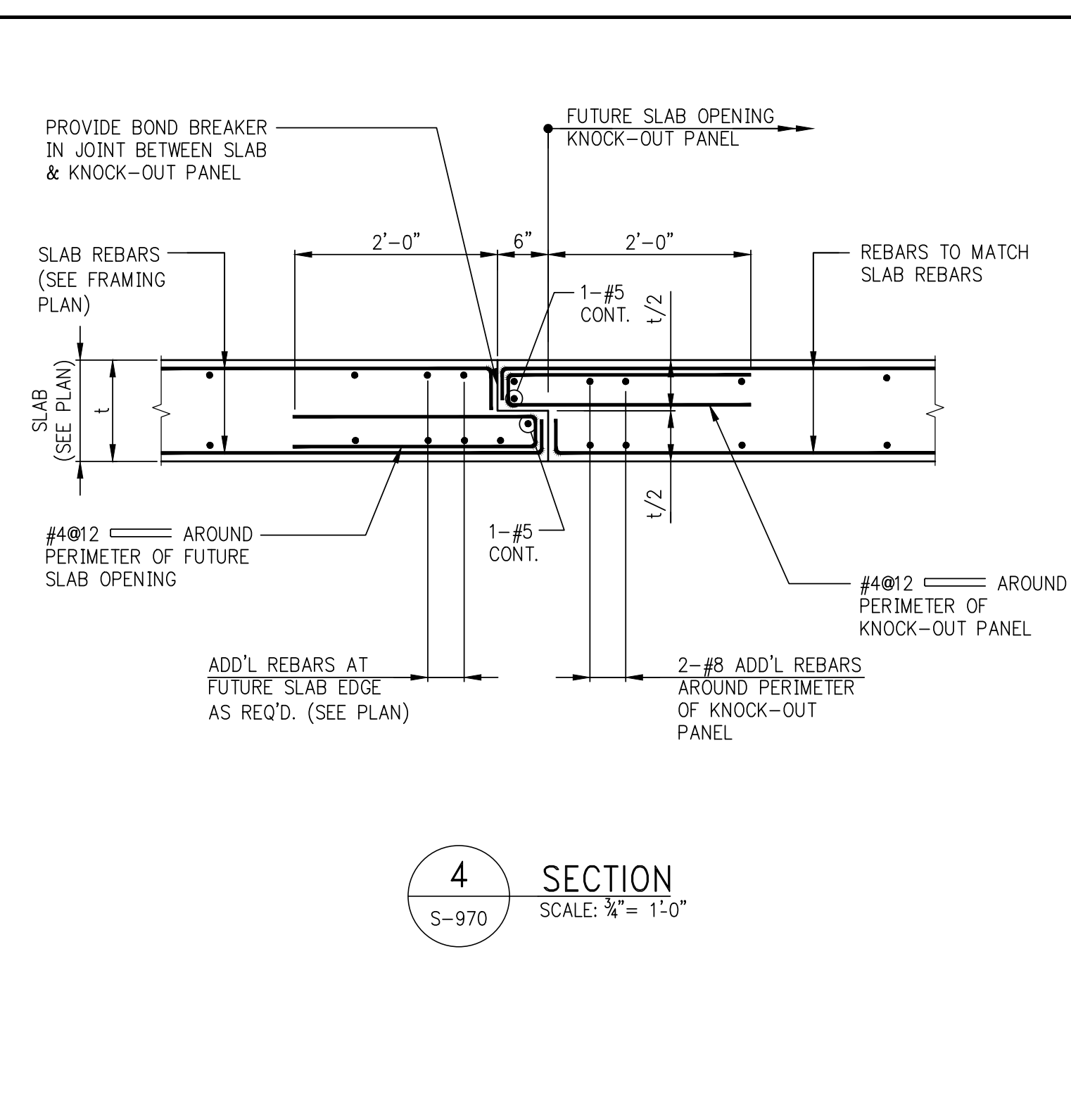
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SCALE: 1/4" = 1'-0"  
S-970



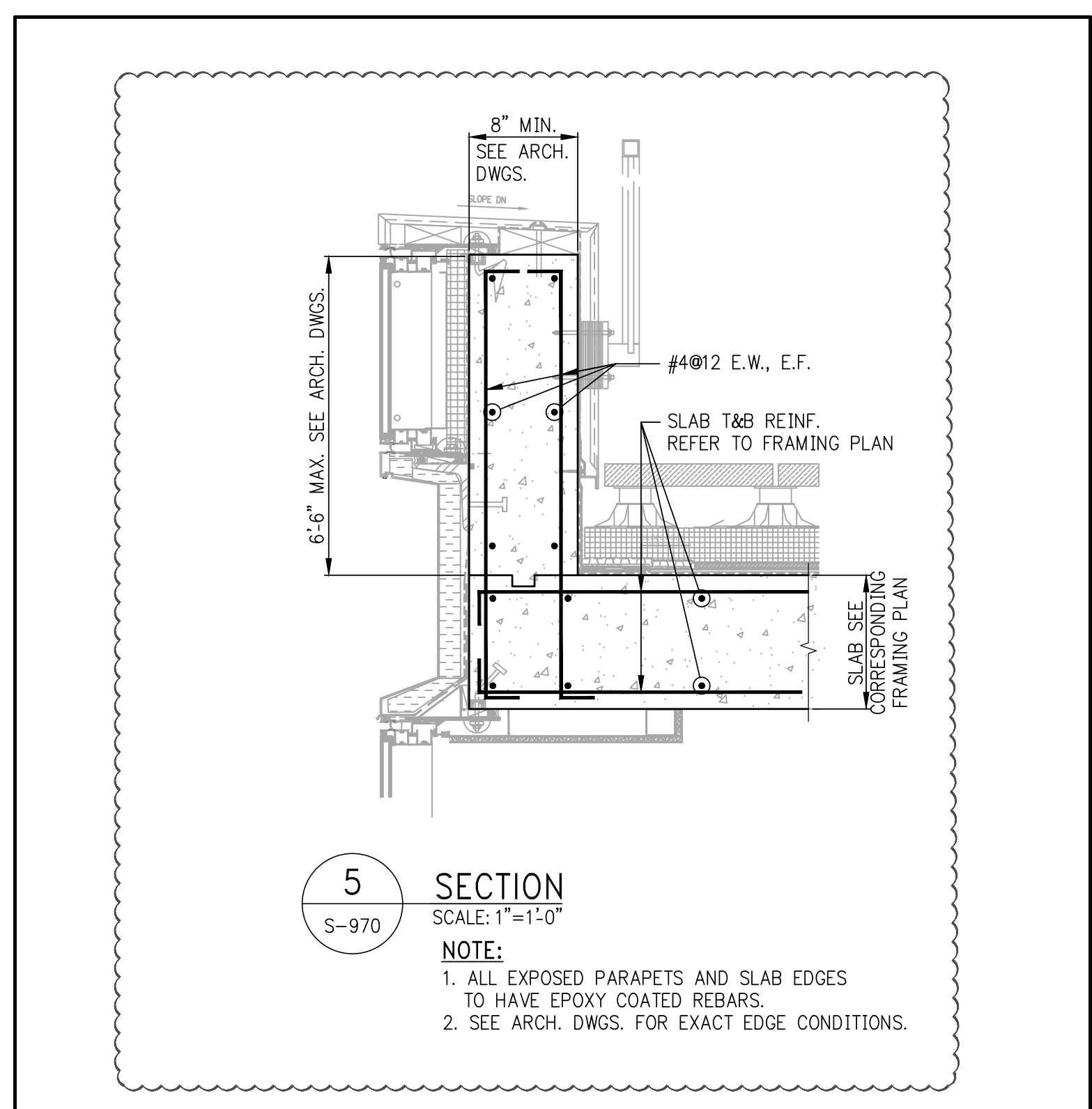
**2 SECTION**  
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S-970  
NOTE:  
1. SEE SECTION 3 FOR CONTINUATION.



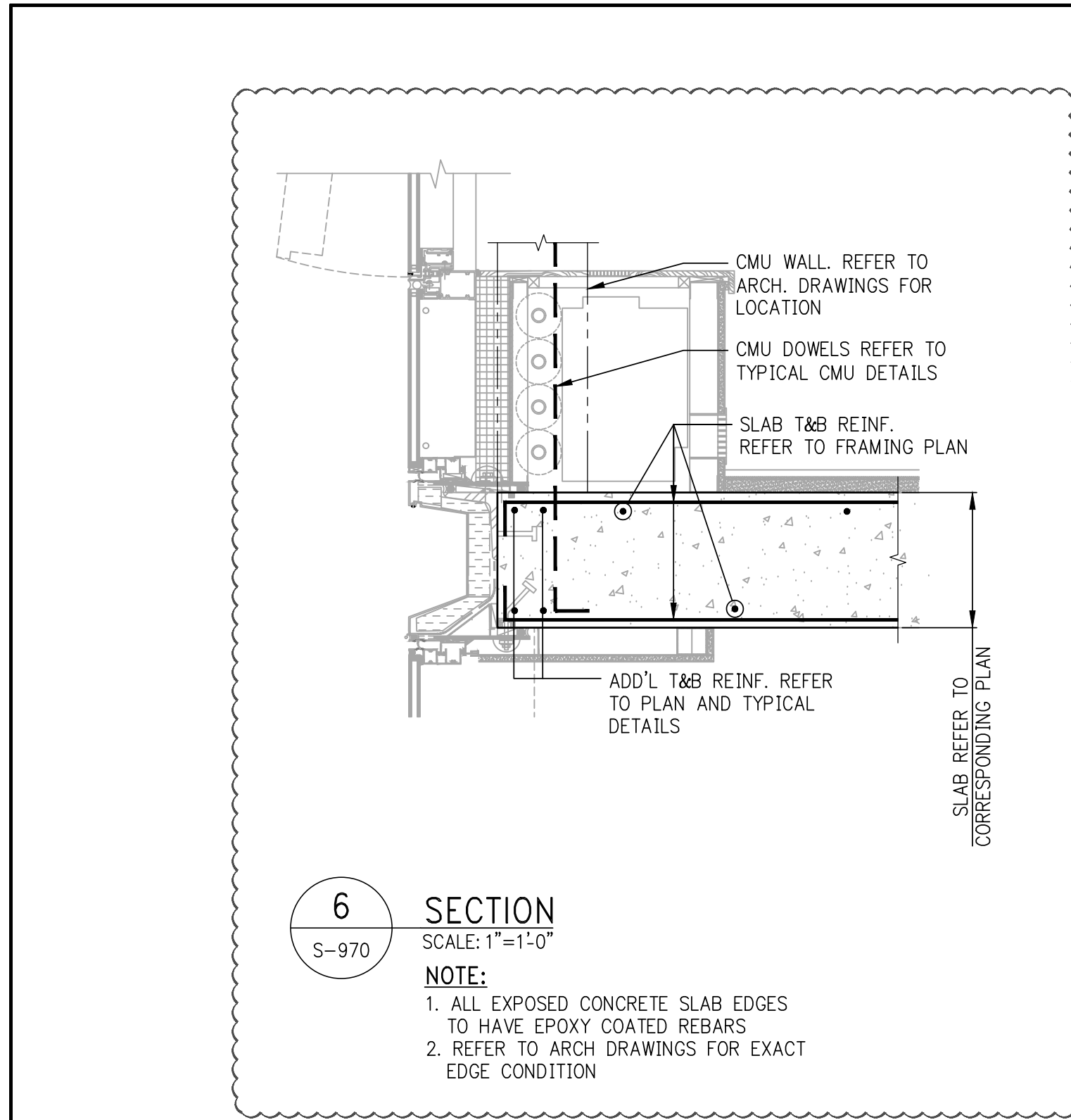
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SCALE: 1/4" = 1'-0"  
S-970  
NOTE:  
1. SEE SECTION 2 FOR CONTINUATION.



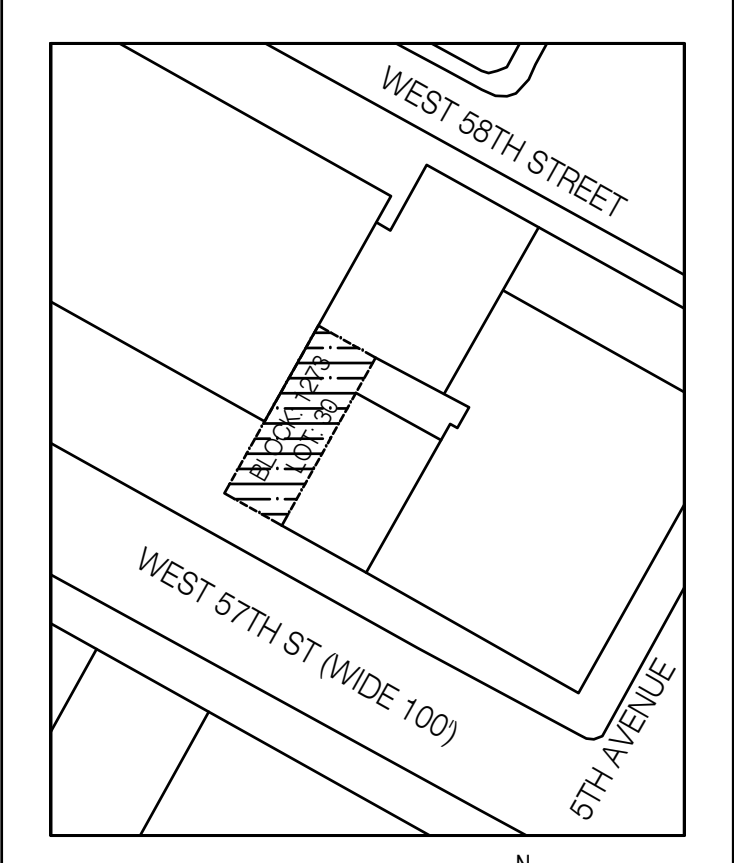
**4 SECTION**  
SCALE: 3/8" = 1'-0"  
S-970



**5 SECTION**  
SCALE: 1/4" = 1'-0"  
S-970  
NOTE:  
1. ALL EXPOSED PARAPETS AND SLAB EDGES TO HAVE EPOXY COATED REBARS.  
2. SEE ARCH. DWGS. FOR EXACT EDGE CONDITIONS.



**6 SECTION**  
SCALE: 1/4" = 1'-0"  
S-970  
NOTE:  
1. ALL EXPOSED CONCRETE SLAB EDGES TO HAVE EPOXY COATED REBARS.  
2. REFER TO ARCH DRAWINGS FOR EXACT EDGE CONDITION.



**KEY PLAN**

**NOTES:**

07	03-26-2017	100% CD
06	04-19-2017	90% CD
05	03-21-2017	80% CD
04	03-03-2017	038 SUBMISSION
03	02-12-2017	ISSUED AS PER OWNER COMMENTS
02	02-07-2017	60% CD
01	12-01-2016	038 SUBMISSION

Number: \_\_\_\_\_ Date: \_\_\_\_\_ Revision: \_\_\_\_\_  
Project:  
**7**  
**WEST 57TH STREET**  
**NEW YORK, NY 10019**

Client:  
**SOLO9W57**  
SOLOW REALTY & DEVELOPMENT COMPANY, LLC  
9 WEST 57TH STREET, 45TH FLOOR  
NEW YORK, NY 10019

Architect:  
**HILL WEST**  
ARCHITECTS  
11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212-213-8607

Interior Designer:  
**Whitehall INTERIORS**  
11 Broadway, Suite 1532  
New York, NY 10004  
(212) 213-8007

Structural Engineer:  
**WSP | PARSONS BRINCKERHOFF**  
ONE PENN PLAZA  
250 WEST 34TH STREET, 2ND FLOOR  
NEW YORK, NY 10119  
212-687-9888

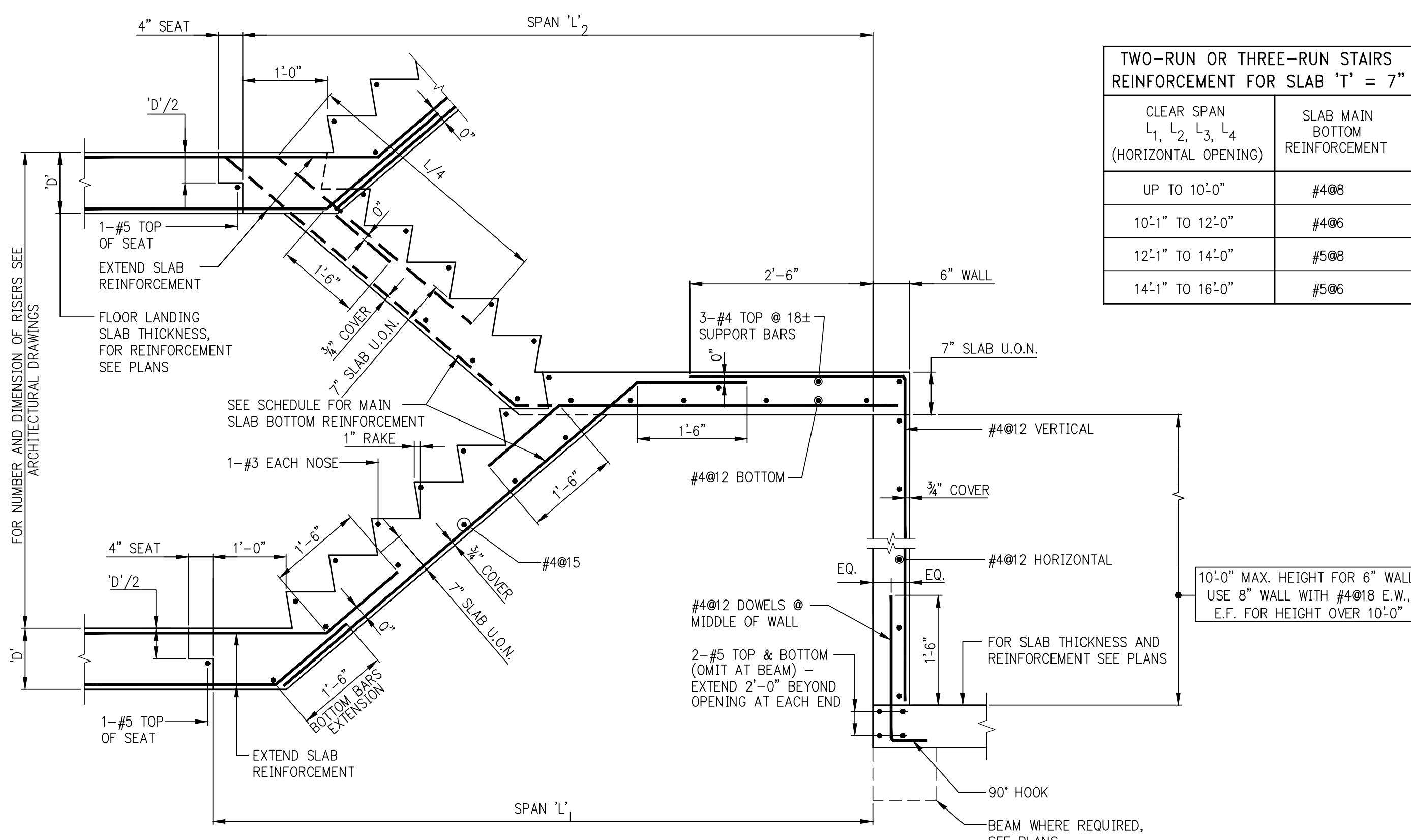
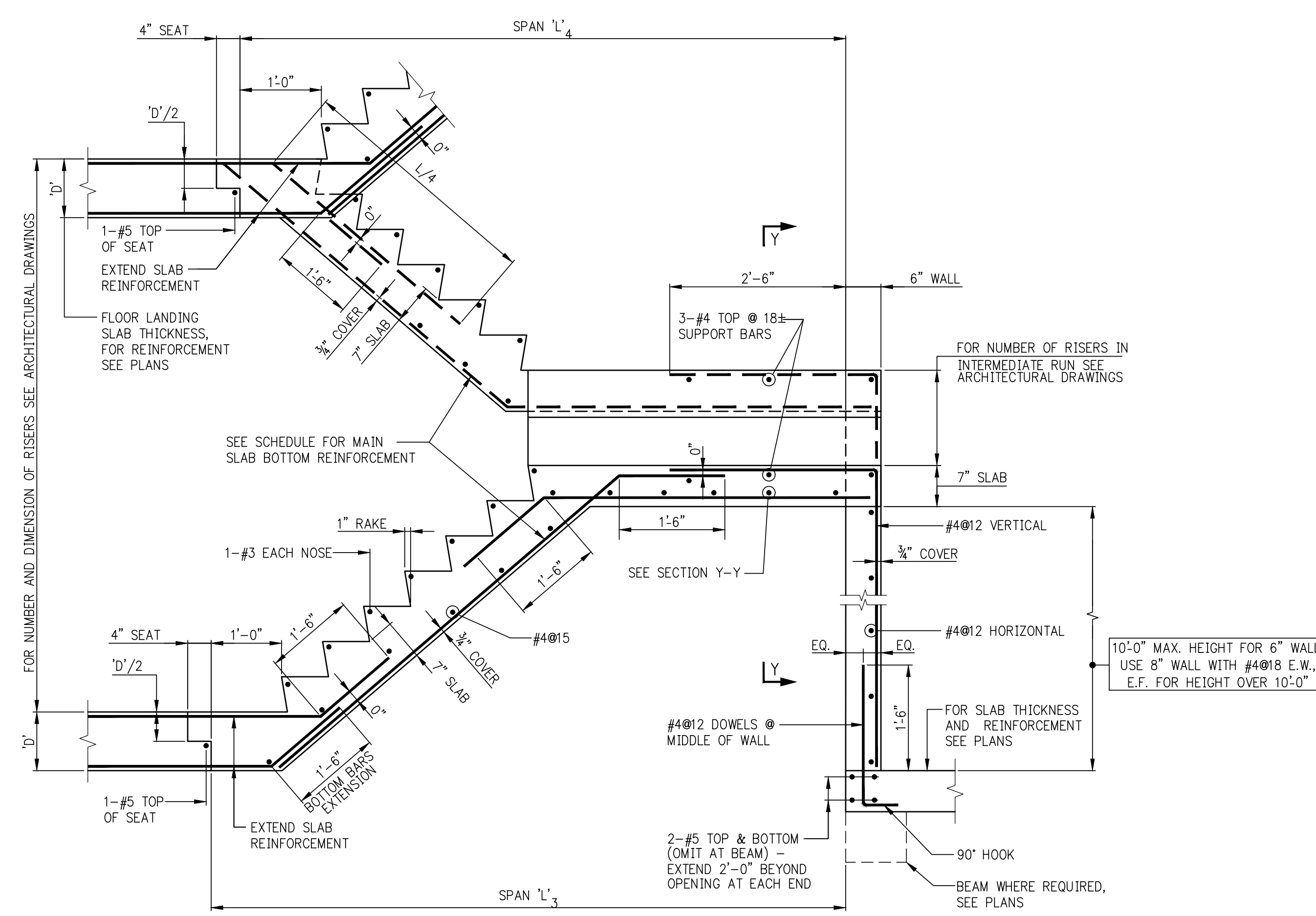
MEPFP Engineer:  
**COSENTINI ASSOCIATES**  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-3600

Building Envelope Consultant:  
**VIDARIS**  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

D08 STAMPS & SIGNATURES:

DWG TITLE:  
**SUPERSTRUCTURE SECTIONS**

SEAL & SIGNATURE: \_\_\_\_\_ DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"  
**S-970.00**  
DWG NO.  
NB#121191441



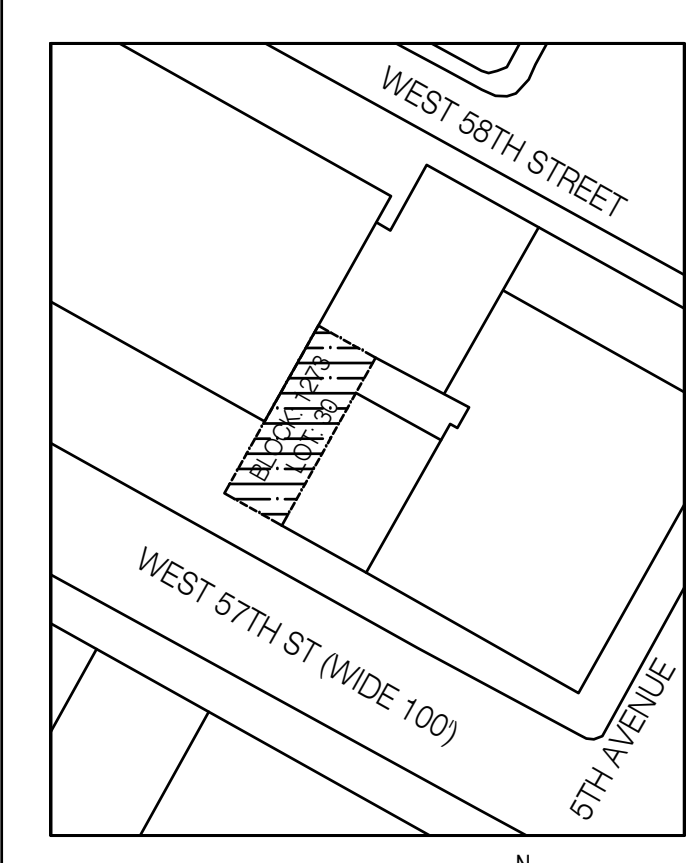
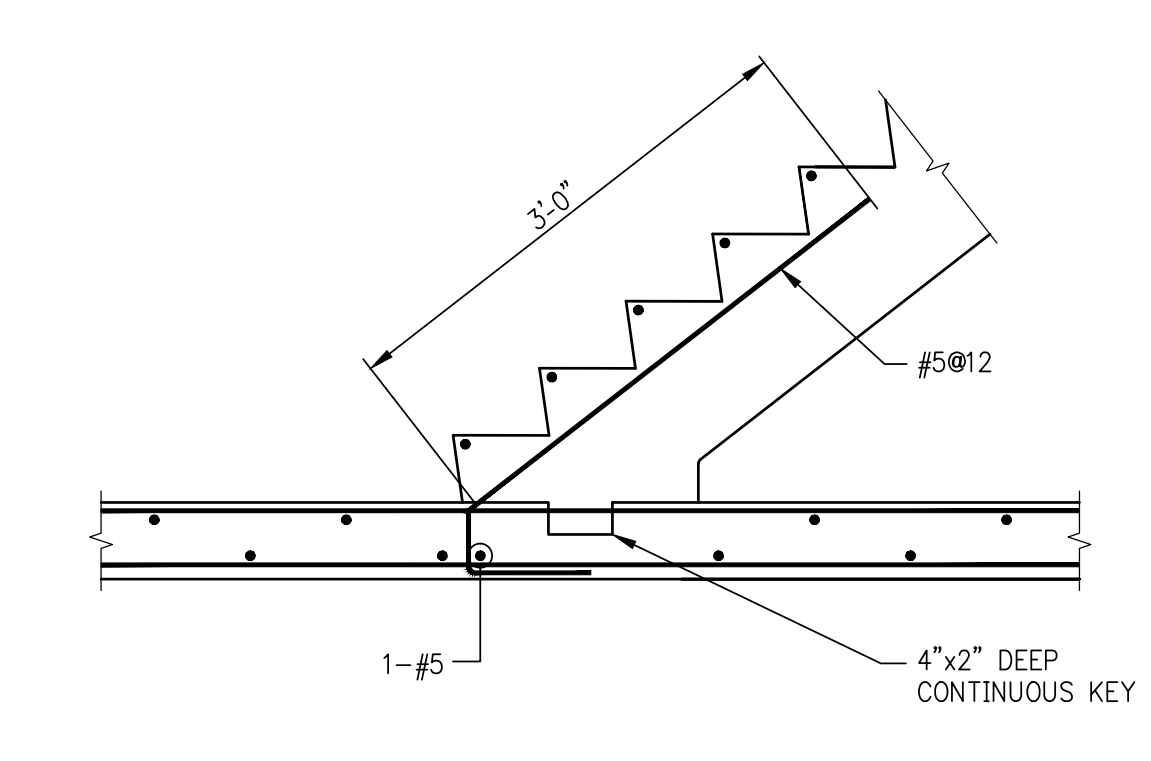
• TWO-RUN OR THREE-RUN STAIRS REINFORCEMENT FOR SLAB "T" = 6"

CLEAR SPAN (HORIZONTAL OPENING)	SLAB MAIN BOTTOM REINFORCEMENT
UP TO 10'-0"	#406
10'-1" TO 12'-0"	#506
12'-1" TO 14'-0"	#508
14'-1" TO 16'-0"	#504

\* T = 6" ONLY WHERE STATED ON PLAN

TWO-RUN OR THREE-RUN STAIRS REINFORCEMENT FOR SLAB "T" = 7"

CLEAR SPAN (HORIZONTAL OPENING)	SLAB MAIN BOTTOM REINFORCEMENT
UP TO 10'-0"	#408
10'-1" TO 12'-0"	#406
12'-1" TO 14'-0"	#508
14'-1" TO 16'-0"	#506



NOTES:

Number	Date	Revision
01	12/21/2016	DOB SUBMISSION
02	02/17/2017	60% CD
03	02/12/2017	ISSUED AS PER ENERGY COMMENTS
04	03/03/2017	DOB SUBMISSION
05	03/17/2017	80% CD
06	04/19/2017	90% CD
07	05/26/2017	100% CD

Client	Architect	Interior Designer	Structural Engineer	MEP/FE Engineer	Building Envelope Consultant
SOLO9W57 SOLOW REALTY & DEVELOPMENT COMPANY, LLC 9 WEST 57TH STREET, 45TH FLOOR NEW YORK, NY 10019	HILL WEST ARCHITECTS 11 BROADWAY 17TH FLOOR NEW YORK, NY 10004 T. 212.213.8607	Whitehall INTERIORS 11 Broadway, Suite 1532 New York, NY 10004 (212) 213-8007	WSP   PARSONS BRINCKERHOFF ONE PENN PLAZA 250 WEST 34TH STREET, 2ND FLOOR NEW YORK, NY 10119 212-687-9888	COSENTINI ASSOCIATES TWO PENNSYLVANIA PLAZA, THIRD FLOOR NEW YORK, NY 10121 212-615-9600	VIDARIS 360 PARK AVENUE SOUTH, 15TH FL. NEW YORK 10010 212-689-5389

7  
WEST 57TH STREET  
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Client: SOLO9W57  
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11 BROADWAY  
17TH FLOOR  
NEW YORK, NY 10004  
T. 212.213.8607

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11 Broadway, Suite 1532  
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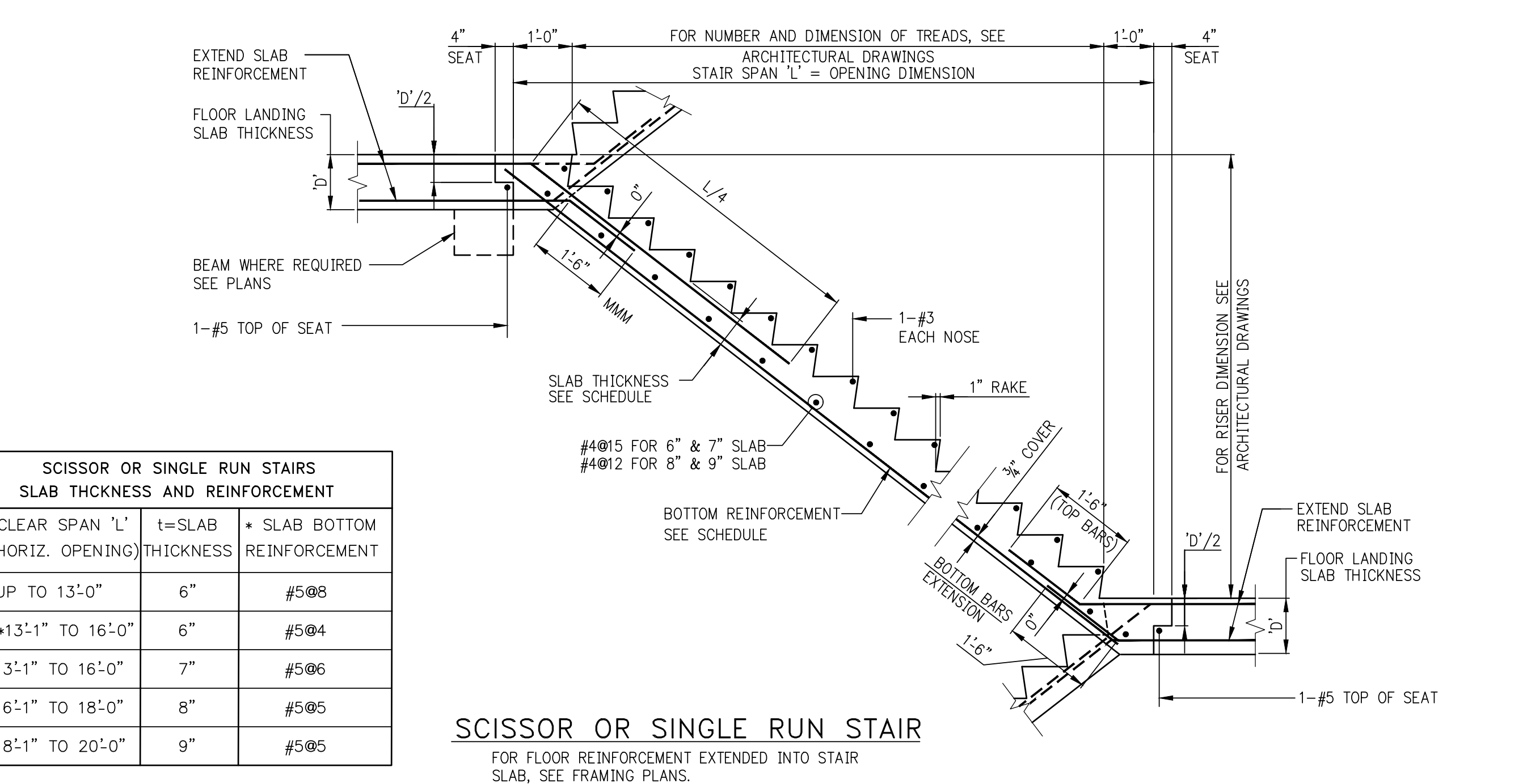
MEP/FE Engineer: COSENTINI ASSOCIATES  
TWO PENNSYLVANIA PLAZA, THIRD FLOOR  
NEW YORK, NY 10121  
212-615-9600

Building Envelope Consultant: VIDARIS  
360 PARK AVENUE SOUTH, 15TH FL.  
NEW YORK 10010  
212-689-5389

DOB STAMPS & SIGNATURES:

DWG TITLE:  
TYPICAL STAIR DETAILS

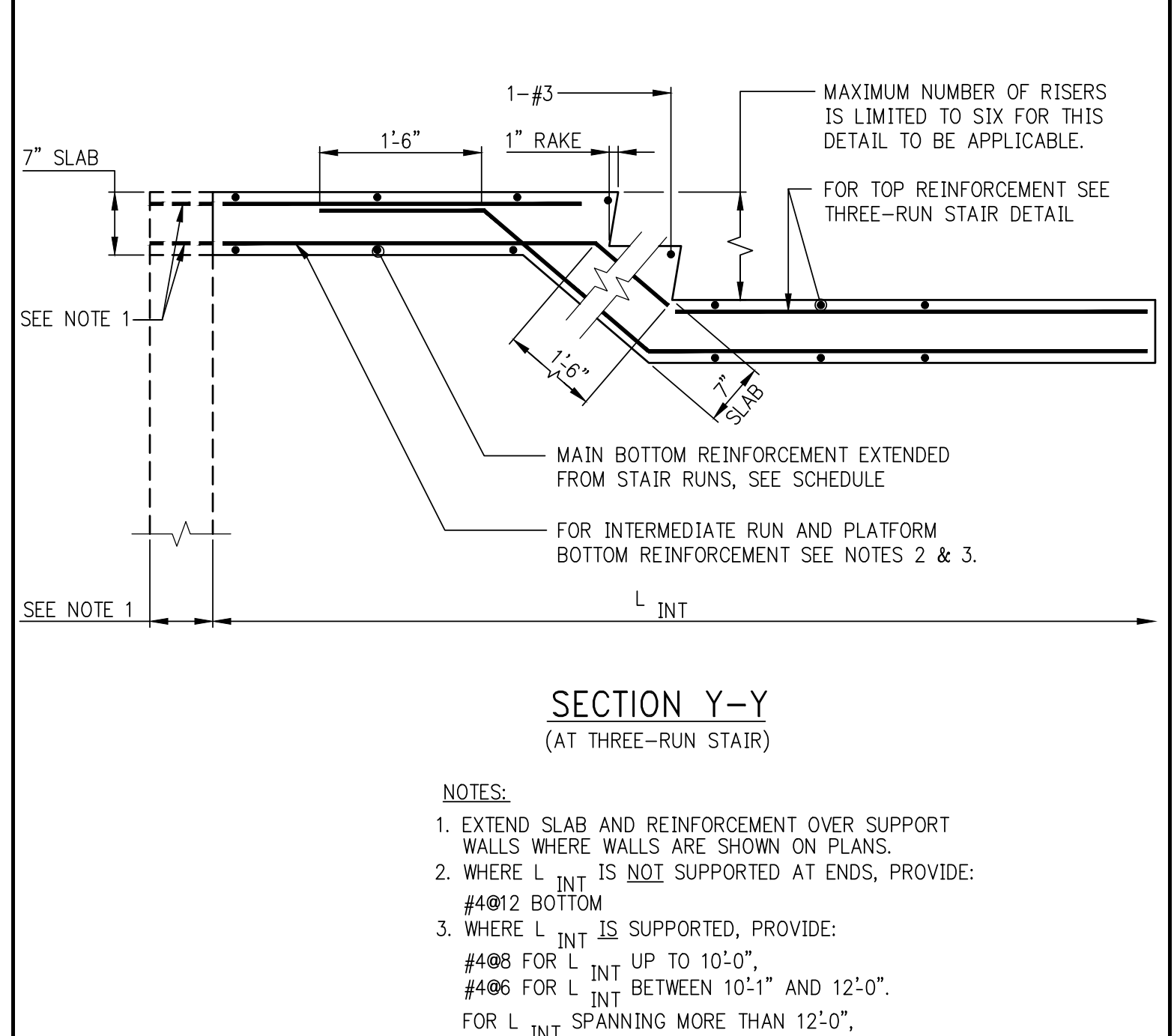
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DATE: 02/17/2017  
PROJECT #: 1605937  
SCALE: 1/4" = 1'-0"  
S-980.00  
DWG NO: NB#121191441



SCISSOR OR SINGLE RUN STAIRS SLAB THICKNESS AND REINFORCEMENT

CLEAR SPAN "L" (HORIZ. OPENING)	SLAB THICKNESS	SLAB BOTTOM REINFORCEMENT
UP TO 13'-0"	6"	#508
13'-1" TO 16'-0"	6"	#504
16'-1" TO 18'-0"	7"	#506
18'-1" TO 20'-0"	8"	#505
20'-1" TO 22'-0"	9"	#505

\* FOR TEMPERATURE REINFORCEMENT SEE SECTION.  
\*\* ONLY WHERE STATED ON PLAN.



- NOTES:
- EXTEND SLAB AND REINFORCEMENT OVER SUPPORT WALLS WHERE WALLS ARE SHOWN ON PLANS.
  - WHERE L INT IS NOT SUPPORTED AT ENDS, PROVIDE: #402 BOTTOM
  - WHERE L INT IS SUPPORTED, PROVIDE: #406 FOR L INT UP TO 10'-0", #406 FOR L INT BETWEEN 10'-1" AND 12'-0". FOR L INT SPANNING MORE THAN 12'-0", DESIGNER TO PROVIDE DETAILS.

