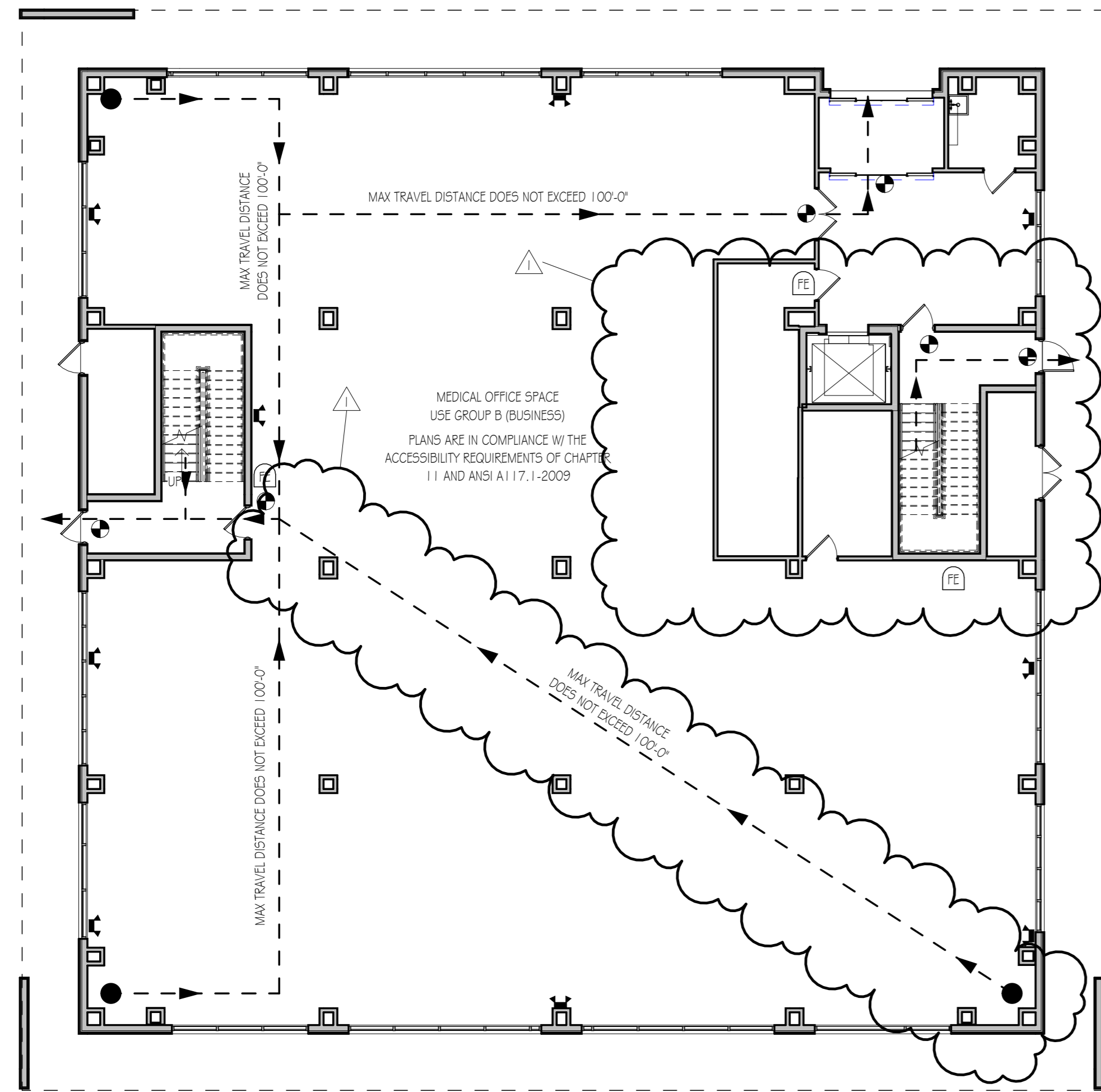
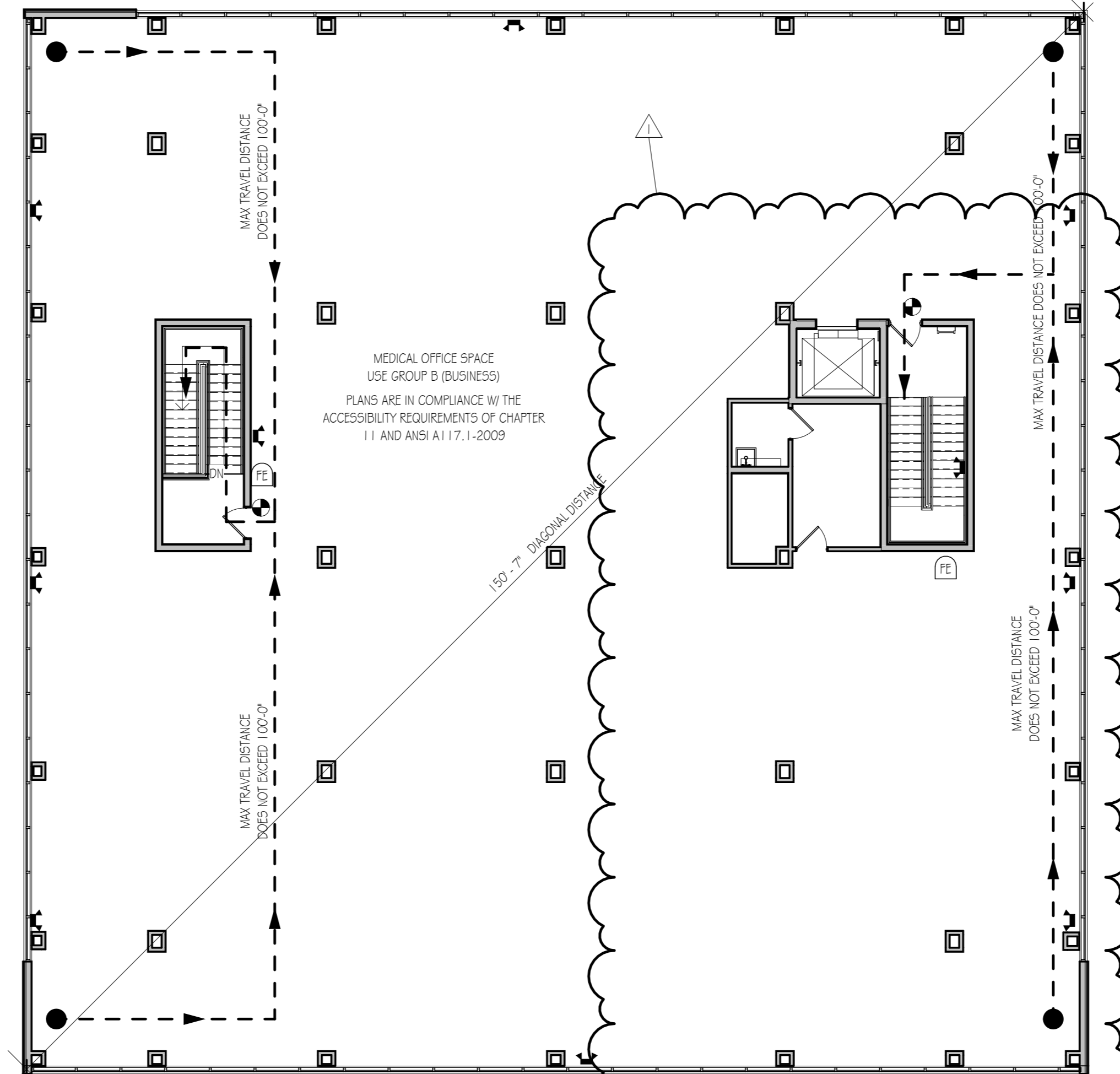
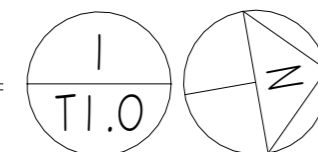


PROPOSED MEDICAL OFFICE BUILDING FOR
WASHINGTON PROFESSIONAL PARK



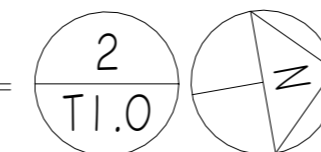
EGRESS FIRST FLOOR

3/32" = 1'-0"



EGRESS SECOND FLOOR

3/32" = 1'-0"



BUILDING DATA

S.C.T.M.#: 200-229-3-28.1 & 29.2
 PROPERTY ZONING: TOWN OF BROOKHAVEN J-4 BUSINESS
 USE: 19,760 SF NEW MEDICAL OFFICE BUILDING
 SITE AREA: 60,984 SF (1.40 ACRES, AFTER NYSDOT TAKING)
 EXISTING SITE CONDITIONS: VACANT PARCEL, EXISTING MEDICAL OFFICES ADJACENT
 CONSTRUCTION CLASS: 2B (UNPROTECTED NON-COMBUSTIBLE)
 OCCUPANCY CLASS: BUSINESS B
 SURVEY DATUM: T.O.B. NAVD 88
 PROPOSED MAX BUILDING HEIGHT: 37' MAX HEIGHT TO HIGHEST STAIR TOWER
 FAR PER APPROVED SITE PLANS: 17.82 %
 BUILDING AREA: PROPOSED
 FIRST FLOOR: 8,700 SF
 SECOND FLOOR: 11,060 SF
 TOTAL: 19,760 SF

EXIT ANALYSIS:
 AS PER TABLE 1017.2 OF THE 2020 BUILDING CODE OF NEW YORK STATE, THE MAXIMUM TRAVEL DISTANCE SHALL BE 300'-0" FOR A B (BUSINESS) OCCUPANCY WITH AN APPROVED FIRE SPRINKLER SYSTEM.

AS PER TABLE 1006.3.2 OF THE NYS BUILDING CODE, THE MINIMUM NUMBER OF EXITS FOR SPACES WITH LESS THAN 500 PERSONS SHALL BE TWO (2), EXCEPT AS PROVIDED IN TABLE 1006.2.1 WHERE ONE EXIT IS PERMITTED.

AS PER TABLE 1006.2.1 OF THE NYS BUILDING CODE, THE TRAVEL DISTANCE SHALL NOT BE LESS THAN 100'-0" WHERE ONE (1) EXIT IS PROVIDED.

OCCUPANCY LOAD

AS PER TABLE 1004.5 OF THE 2020 NEW YORK STATE BUILDING CODE, OCCUPANCY LOADS ARE AS FOLLOWS:

BUSINESS:
 FIRST FLOOR: 8,700 SF / 150 SF/OCC = 58 OCCUPANTS
 SECOND FLOOR: 11,060 SF / 150 SF/OCC = 73.73 OCCUPANTS
 132 TOTAL OCCUPANTS

IN ACCORDANCE WITH SECTION 1005.3.2 OF THE NYSBC, MINIMUM EGRESS WIDTH REQUIRED FOR A BUILDING EQUIPPED WITH A FIRE SPRINKLER SYSTEM SHALL BE AS FOLLOWS:

PROPOSED SECOND FLOOR STAIRWAYS = 58 OCCUPANTS x 0.3 = 17.4, 42" MIN. WIDTH, MIN. (2) EXITS MIN. PROVIDED
 PROPOSED FIRST FLOOR = 58 OCCUPANTS x 0.2 = 11.6, 42" MIN. WIDTH, (2) EXITS PROVIDED
 PROPOSED SECOND FLOOR = 132 OCCUPANTS x 0.2 = 26.4, 36" MIN. WIDTH, (3) EXITS PROVIDED

EGRESS & FIRE PREVENTION NOTES

- ALL PENETRATIONS IN FIRE RATED WALLS SHALL BE SEALED WITH 5/8" FIRE STOP SEALANT OR EQUAL FOR REQ. FIRE RATINGS.
- INCLUDE ALL UNDER OR ABOVE GROUND UTILITIES TO LOCAL UTILITIES. REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION.
- GENERAL CONTRACTOR TO PROVIDE TEMPORARY LIGHTING FOR WHOLESALE SPACE AND EMERGENCY LIGHTS AT ANY STAIR CONSTANTLY OPERATIONAL.
- ALL METAL STUDS, IF LESS THAN 15'-0" IN HEIGHT, ARE TO BE 25 GA. UNLESS OTHERWISE NOTED. METAL STUDS THAT EXCEED 15'-0" IN HEIGHT ARE TO BE 20 GA. UNLESS OTHERWISE NOTED.
- ALL METAL STUDS ARE 16" OC AND ALL GYP. BD. IS 5/8" THICK, U.O.N.
- AS PER TABLE 1006.2.1 OF THE 2020 NYS BC, TRAVEL DISTANCE FOR SPACES WITH ONE EXIT SHALL NOT EXCEED 100'-0" FOR BUSINESS OCCUPANCY WITH OCCUPANT LOAD LESS THAN 30 PERSONS.
- INTERIOR FINISHES ON WALLS AND CEILINGS SHALL BE MINIMUM CLASS B.
- ADADEQUATE ESCAPE FACILITIES SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT THE BUILDING.
- HANGINGS OR DRAPERIES SHALL NOT BE PLACED OVER EXIT DOORS OR, OTHERWISE LOCATED AS TO CONCEAL OR OBSCURE ANY EXIT. MIRRORS SHALL NOT BE PLACED IN OR ADJACENT TO ANY EXIT OR ON EXIT DOORS.
- FURNISHINGS OR DECORATIONS OF AN EXPLOSIVE OR HIGHLY FLAMMABLE CHARACTER SHALL NOT BE USED.
- ALL FLOOR FINISHES SHALL BE AT LEAST CLASS 1 OR 2.
- AS PER TABLE 508.4 OF THE 2020 BUILDING CODE OF NEW YORK STATE, THERE SHALL BE A 1-HR. FIRE RATING BETWEEN B5-1 AND 5-2 OCCUPANCIES. FILL CAVITIES THROUGH WALL TYPE 6B WITH 1" THICK THERMAFIBER SAFING INSULATION. MATERIAL SHALL BE 1.25X WIDER THAN THE OPENING TO ALLOW FOR A COMPRESSION FIT.

PLANS ARE DESIGNED IN ACCORDANCE WITH THE CURRENT CODE, WHICH IS THE 2020 NEW YORK STATE BUILDING AND FIRE CODES (UNIFORM CODE).

THE ENTIRE BUILDING SHALL BE EQUIPPED WITH A FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13, ISO STANDARDS, CHAPTER 9 OF THE 2020 NYS FIRE CODE, AND THE REQUIREMENTS OF THE 2020 BUILDING CODE OF NYS.

AS PER TABLES 601 AND 602 OF THE 2020 BUILDING CODE OF NEW YORK STATE, THE FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS OF A TYPE 2B BUILDING SHALL BE AS FOLLOWS:

PRIMARY STRUCTURAL FRAME	=	0 HOUR RATING
EXTERIOR BEARING WALLS	=	0 HOUR RATING
INTERIOR BEARING WALLS	=	0 HOUR RATING
INTERIOR NON-BEARING WALLS/PARTITIONS	=	0 HOUR RATING
EXTERIOR NON-BEARING WALLS (>30' SEPARATION)	=	0 HOUR RATING
FLOOR CONSTRUCTION	=	0 HOUR RATING
ROOF CONSTRUCTION	=	0 HOUR RATING

- WALL MOUNTED SO-LED SERIES THERMOPLASTIC LED EMERGENCY LIGHT W/ BATTERY BACK-UP AS MANUF. BY MULLER, OR APPROVED EQUAL
- CEILING MOUNTED COMMERCIAL GRADE EDGE-LIT GREEN LED EXIT LIGHT W/ DIRECTION AND BATTERY BACKUP MODEL # EXREL X GC W/ EM 50T AS MANUF. BY ENVOY LIGHTING
- SEE FIRE ALARM DRAWINGS FOR EXACT SPECIFICATION AND LOCATION OF CO DETECTION SYSTEMS
- SEE FIRE ALARM DRAWINGS FOR EXACT SPECIFICATION AND LOCATION OF FA DETECTION SYSTEMS
- EGRESS PATH W/ DIRECTION OF TRAVEL
- FIRE EXTINGUISHER IN ACCORDANCE WITH THE INTERNATIONAL FIRE CODE. EXTINGUISHERS SHALL NOT EXCEED 40 LBS AND SHALL BE INSTALLED 60' A.F.F.

DRAWING LIST

KEY MAP

ALLOWABLE BUILDING AREAS

GENERAL BUILDING NOTES

NUMBER	DESCRIPTION
T1.0	EGRESS & CODE ANALYSIS
T1.1	ADA REQUIREMENTS
T1.2	ENERGY ANALYSIS
A1.0	FIRST FLOOR PLAN
A1.1	SECOND FLOOR PLAN
A2.0	ROOF PLAN
A3.0	REFLECTED CEILING PLAN
A3.1	REFLECTED CEILING PLAN
A4.0	BUILDING ELEVATIONS
A4.1	BUILDING ELEVATIONS
A5.0	EXTERIOR WALL TYPES & DETAILS
A5.1	INTERIOR WALL TYPES & DETAILS
A6.0	WALL SECTIONS
A6.1	WALL SECTIONS
A6.2	WALL SECTIONS

NUMBER	DESCRIPTION
A7.0	DOOR SCHEDULE & DETAILS
A8.0	STAR DETAILS
A8.1	STAR DETAILS
A8.2	STAR SECTIONS
A8.3	ELEVATOR SECTION
P1.0	RISER DIAGRAM & NOTES
S0.0	FOUNDATION NOTES
S1.0	FOUNDATION PLAN
S1.1	FOUNDATION DETAILS
S1.2	FOUNDATION DETAILS
S1.3	FOUNDATION DETAILS
S2.0	STRUCTURAL FRAMING PLAN
S2.1	STRUCTURAL FRAMING PLAN
S2.2	STRUCTURAL NOTES & DETAILS



THE FOLLOWING BUILDING AREA CALCULATIONS ARE IN ACCORDANCE WITH CHAPTER 5 OF THE 2020 NYS BC. CONSTRUCTION CLASSIFICATION: 2B (FIRE RESISTIVE CONSTRUCTION)

$W = (L1 \times w1 + L2 \times w2) / F$
 $(106.83 \times 0 + 106.83 \times 109.50 + 106.83 \times 28.5 + 106.83 \times 25) / 300$
 $(0 + 11,698 + 3,044.66 + 2,670.75) / 300$
 17,413 / 300

$W = 58$

$I = [F - (0.25) (58/30)]$
 $I = [320 - 48427.32 - (0.25) (58/30)]$
 $I = [0.75 - (0.25) (1.93)]$
 $I = .9667$

BUSINESS B /
 $A_m = A_t + (N_s \times I) \times S_a$
 $A_m = 69,000 + (69,000 \times .9667) \times 2$
 $A_m = 202,400$ S.F.

202,400 S.F. SHALL BE THE MAXIMUM PERMISSIBLE AREA FOR A 2B CONSTRUCTION CLASSIFICATION
 TOTAL BUILDING AREA PROPOSED IS 19,760 S.F. < 202,400 S.F.

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	SPEED (MPH)	TOPOGRAPHIC EFFECTS	SPECIAL WIND REGION	WIND-BORN DEBRIS ZONE		WEATHERING	FROST LINE DEPTH	TERMITE					
20	130 VULT	NO	NO	1 MILE FROM COAST/F.I.	B	SEVERE	BOT. 3' BFG	MOD TO HEAVY	SEE BELOW	YES	CALL PLANS EXAMINERS OFFICE	599	5.1

CLIMATE ZONE 4A. INTERIOR SPACES INTENDED FOR HUMAN OCCUPANCY SHALL BE PROVIDED WITH INDOOR TEMP. OF NOT LESS THAN 68 DEGREES F AT A POINT 3' ABOVE THE FLOOR ON THE DESIGN HEATING DAY (2015 IMC 309.1.1) SYSTEM DESIGN SHALL BE BASED ON MAX 72 DEGREES HEATING, MIN 75 DEGREES COOLING DEGREE DAYS (NY LAQJUR03) 4311. WINTER DESIGN TEMP. 15, DRY BULB 69, WET BULB 75 (2015 IFC APPD. D). Also as per 2015 IBC Chapter 16 section 1609 and ASCE 7 - wind exposure category and surface roughness is B. Use C for both south shore and Fire Island. TOWN OF ISLIP IS WITHIN A HURRICANE PRONE REGION.

- ALL WORK SHALL COMPLY WITH THE 2020 NYS BUILDING CODE, 2020 NYS FIRE CODE, 2020 NYS PLUMBING CODE, 2020 NYS MECHANICAL CODE, 2020 NYS GAS CODE, 2020 ENERGY CONSERVATION CODE.
- ALL SUB-CONTRACTORS SHALL CHECK, VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH ANY WORK.
- ALL MATERIALS AND CONSTRUCTION TO BE INCORPORATED INTO THE WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF A.S.T.M. SPECIFICATIONS.
- WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS AND DETAIL DRAWINGS OVER SMALL SCALE DRAWINGS.
- THERE SHALL BE NO PROCEEDURES TO BE CONDUCTED IN THE BUILDING THAT WILL PRODUCE AIR CONTAMINANTS WHICH MAY BE INJURIOUS TO THE HEALTH OF EMPLOYEES.
- ELECTRICAL RECEPTACLES, LIGHTS AND OTHER EQUIPMENT SHALL CONFORM TO CODES HAVING JURISDICTION.
- EXIT LIGHTING SHALL BE IN ACCORDANCE WITH SECTION 2702 OF THE 2020 NYS BUILDING CODE.
- TENANTS AND OWNERS SHALL BE FULLY AWARE OF AND CONFORM TO ALL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
- INTERIOR FINISHES SHALL BE IN COMPLIANCE WITH THE 2020 NYS BUILDING CODE SECTION 801 AND TABLE 801.1.1. ALL INTERIOR WALL AND CEILING FINISHES SHALL BE CLASS B, EXCEPT INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS, AND CORRIDORS/ENCLOSURES FOR EXIT ACCESS STAIRWAYS AND RAMPS, WHICH SHALL BE CLASS A.
- GLAZING IN DOORS AND ADJOINING FIXED SIDE PANELS SHALL BE SAFETY GLASS IN CONFORMITY WITH THE 2020 NYS BUILDING CODE SECTIONS 714 & 2404.
- NEW MECHANICAL SYSTEM TO PROVIDE COMPLETE COVERAGE IN ACCORDANCE WITH CHAPTER 28 OF THE 2020 NYS BUILDING CODE.
- NO LOCKS OR FASTENINGS TO PREVENT FREE ESCAPE FROM INSIDE OF ANY BUILDING.
- STRUCTURAL STEEL DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE AISC "SPECIFICATION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION WITH AMENDMENTS, AND THE CURRENT AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS" TOLERANCE FACILITIES SHALL BE PROVIDED FOR CONSTRUCTION WORKERS AND SUCH FACILITIES SHALL BE MAINTAINED IN A SANITARY CONDITION. CONSTRUCTION WORKER TOLERANCE FACILITIES OF THE NONSEWER TYPE SHALL CONFORM TO ANSI Z4.3.
- CARBON MONOXIDE DETECTION SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 915 2020 NYSBC. CARBON MONOXIDE DETECTION IN COMMERCIAL BUILDINGS. CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE, AND WHEN PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY.
- #5 SCREW FASTENERS TO BE SPACES 16" O.C. ON FLURRING.

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 631-320-3305

Structural Engineer:

MEP Engineer:
 AMM Engineering
 31 W. Main St. Suite 216
 Patchogue, NY 11772

Surveyor:
 Schnepf & Murrell, P.C. Land Surveyors
 126 Main Street
 Sayville, NY 11782

Project Name
WPP BLDG 7

Project Address
**1671-1 Route 112,
 Coram, NY 11727**

Project Type
New Construction

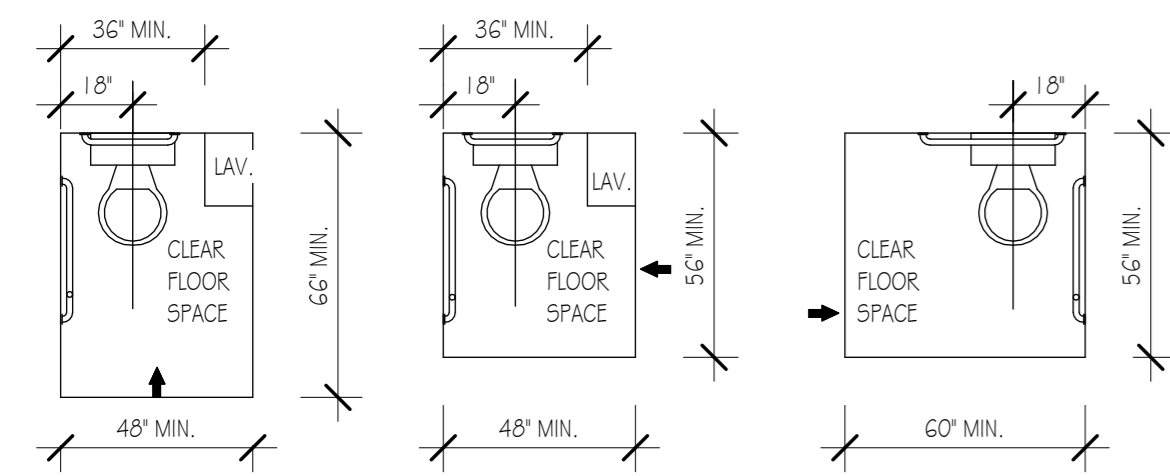
Revisions
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 Prelim - Issued to Steel Fabricator 09/10/22
 Prelim - Released to Steel Fabricator 06/30/2022
 Prelim - Issued to MEP Consultant 07/08/2022
 REVISIONS PER OWNER COMMENTS 09/16/2024
 MINOR REVISIONS PER OWNERS COMMENTS 10/03/2024

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Drawing Title
Egress & Code Analysis

SCTM# 200-229-3-28.1 & 29.2 BUILDING No:
 SCDS# No.: JM2 No: 2021-0542
 PLANNING No.: DATE: 09/16/24
 SEAL & SIGNATURE: DESIGNED BY: TF
 CHECKED BY: JM
 SCALE: As indicated
 DWG No: **T1.0**

ADA ACCESSIBLE (USABLE) REQUIREMENTS: (ICC A117.1 - 2017 SHALL APPLY)

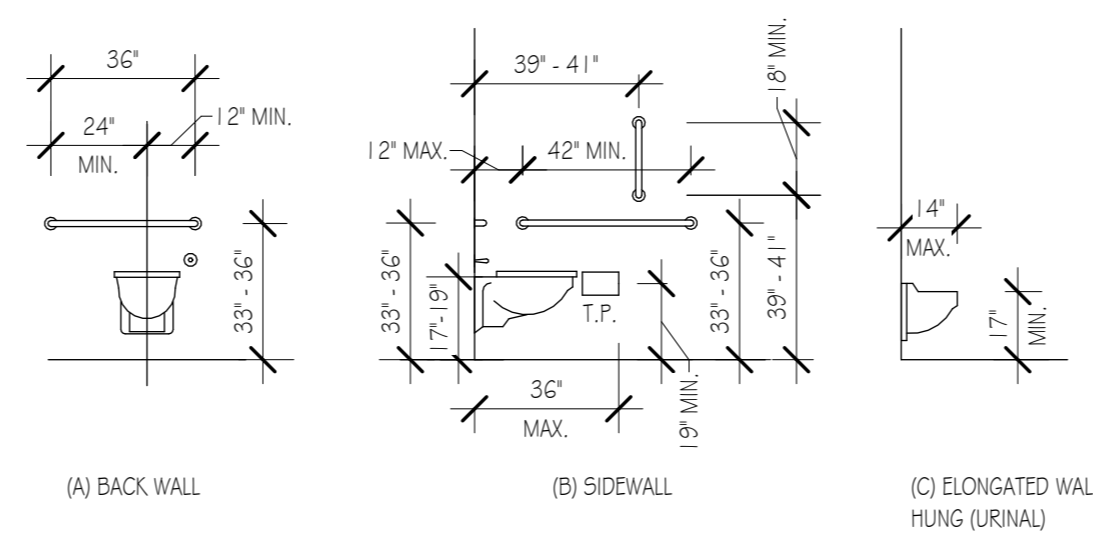


1 CLEARANCES AT WATER CLOSETS



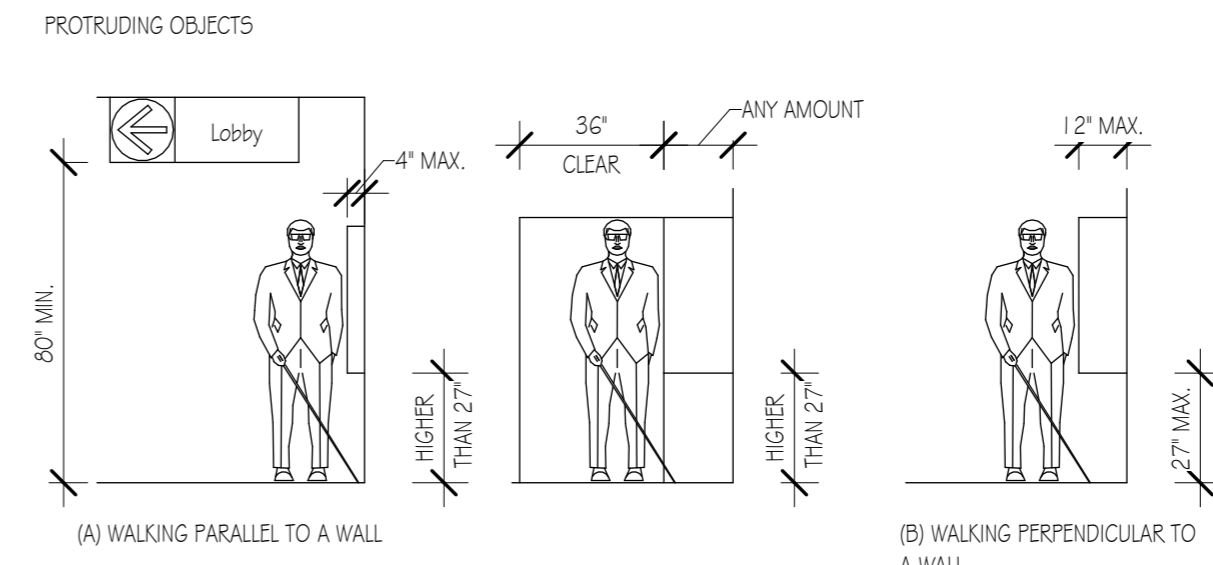
- NOTES:
1. ADJ. TO LATCH SIDE OF DOOR
 2. 6" PICTOGRAM WITH VERBAL DESCRIPTION
 3. CENTER 60" FROM FLOOR
 4. LETTERS AND NUMERALS ARE RAISED 1/32" SANS-SERIF UPPERCASE CHARACTERS
 5. BLACK COPY ON A BRUSHED ALUM. BACKGROUND

2 SIGNAGE IN PUBLIC AREAS

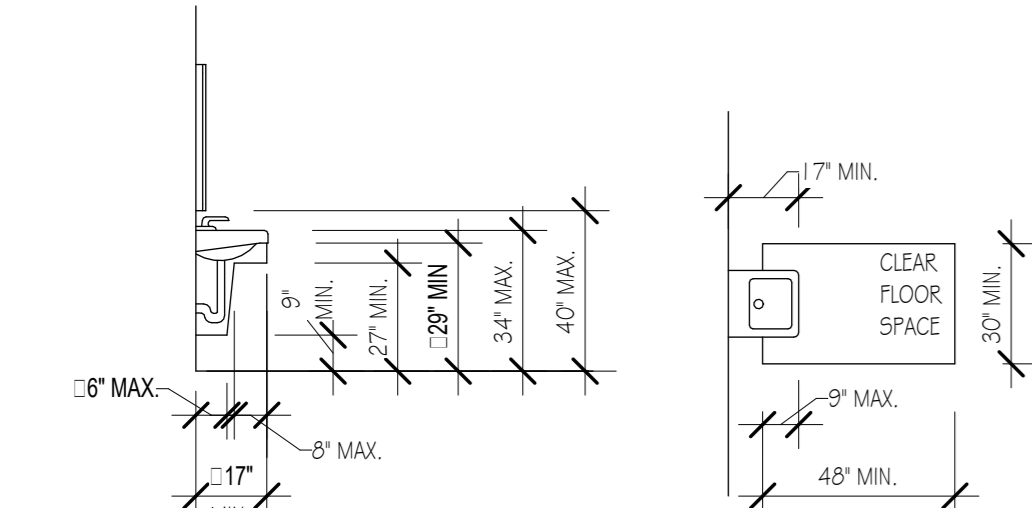
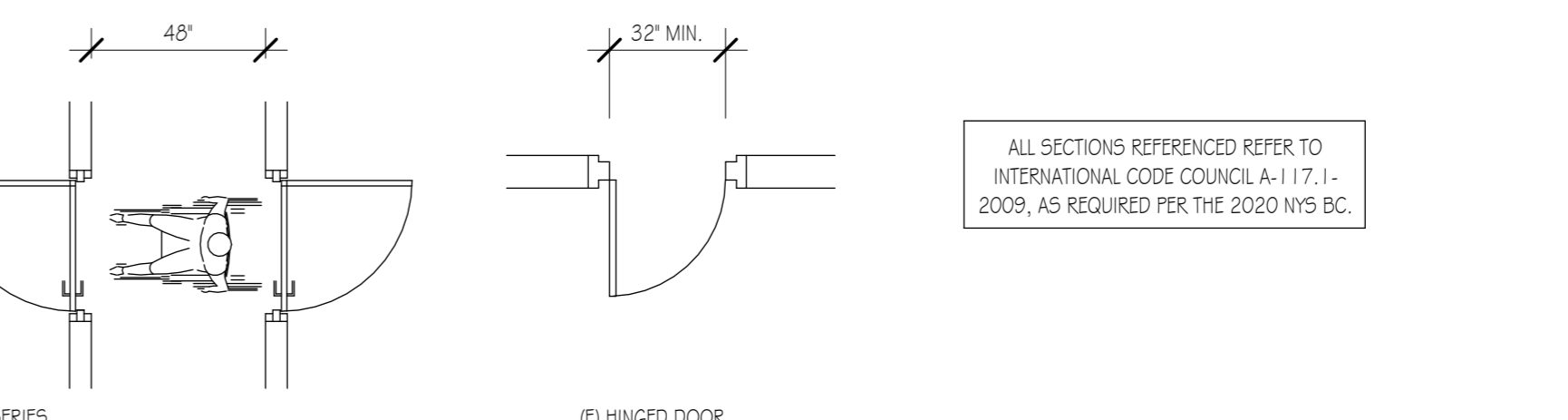
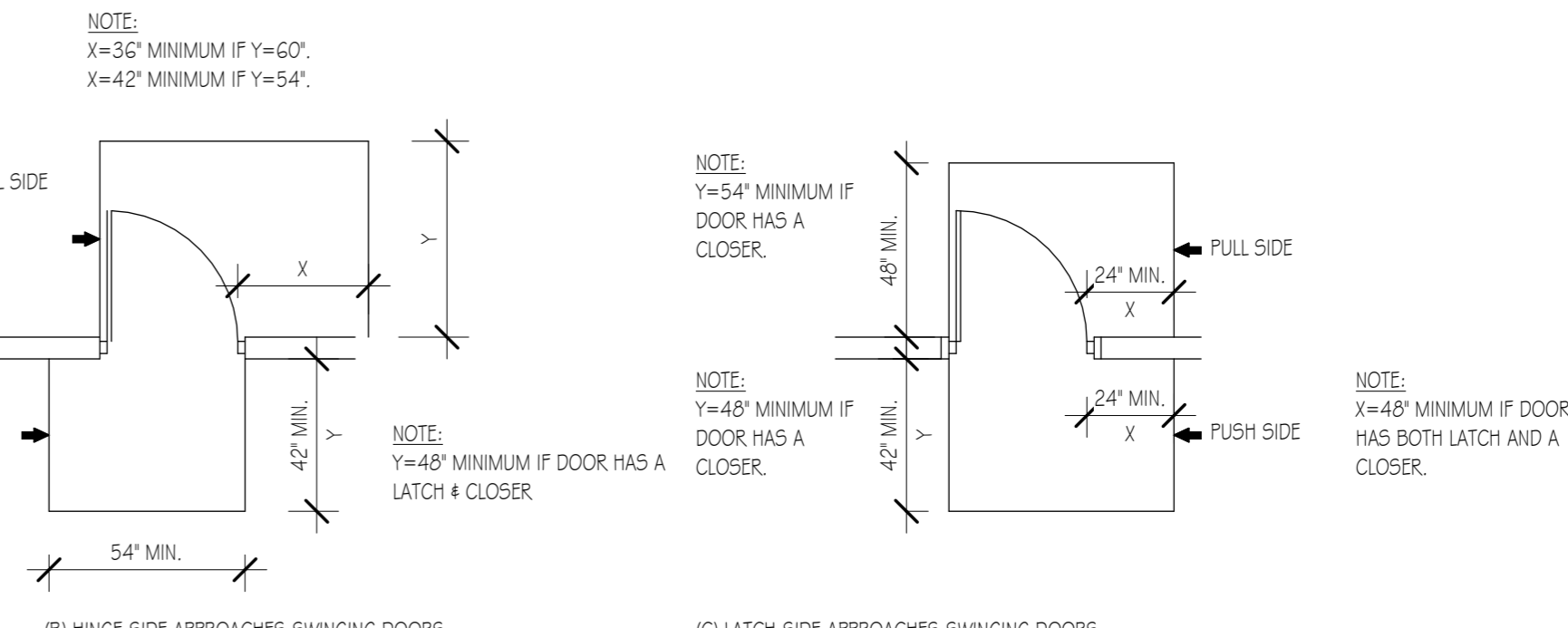
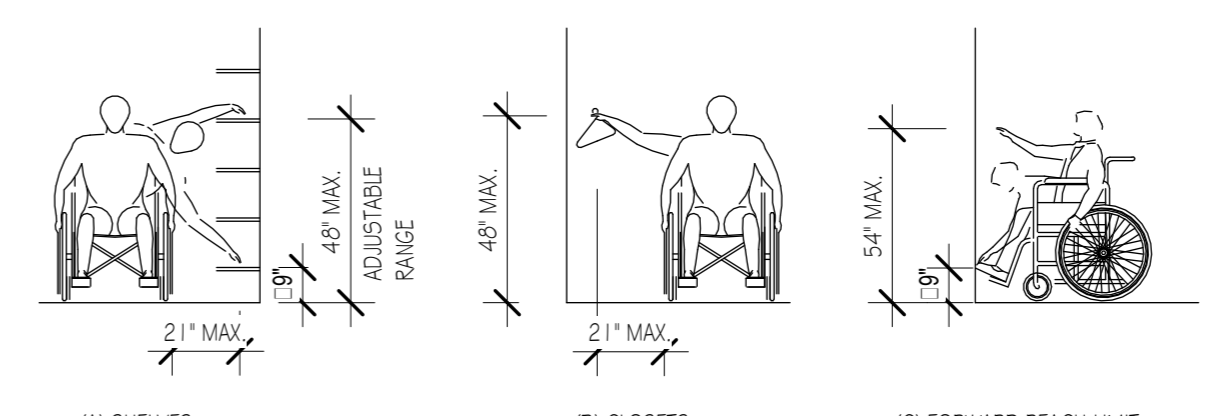
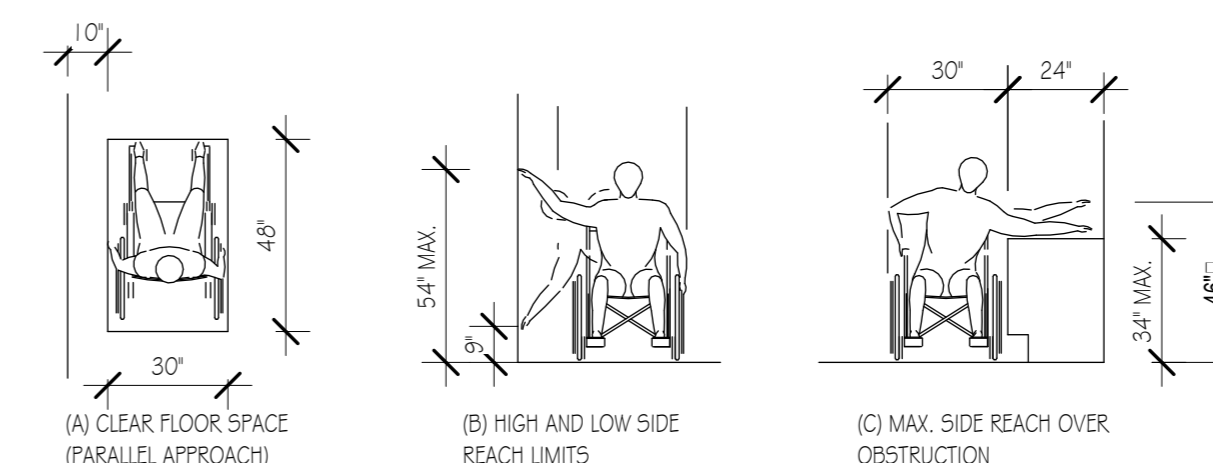


3 CLEARANCES AT WATER CLOSETS & URINALS

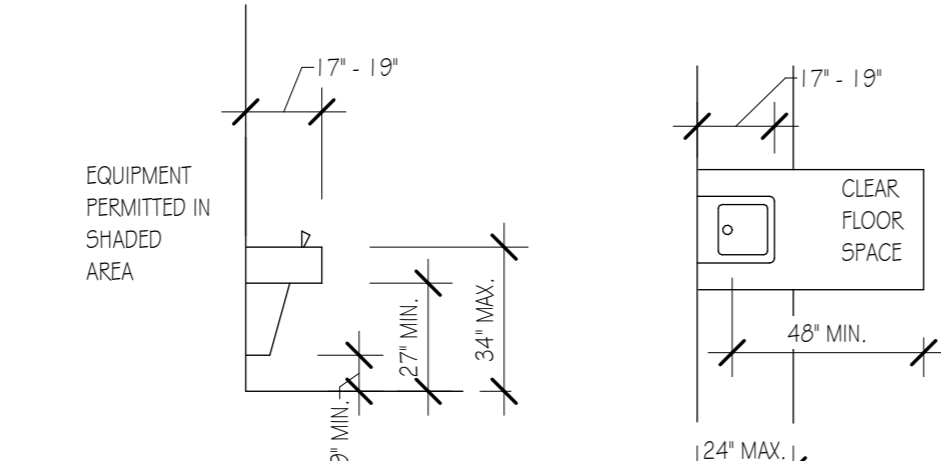
ADA MANEUVERING CLEARANCES & PROTRUDING OBJECTS



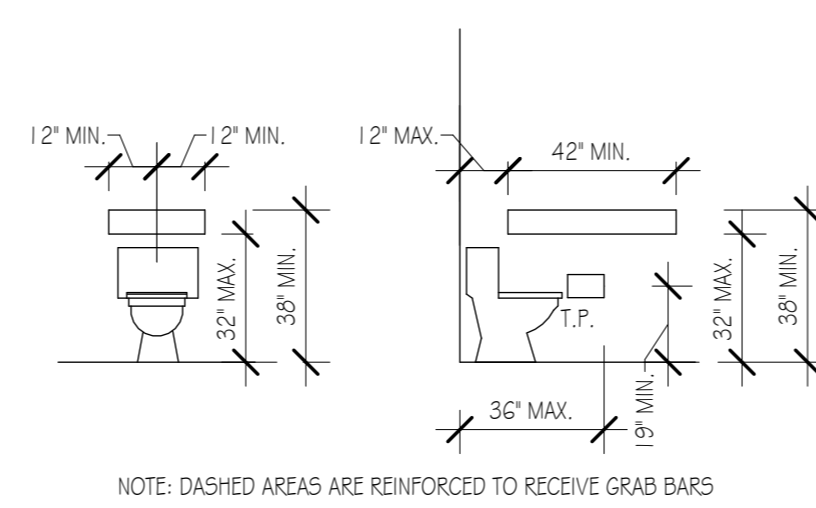
STORAGE SHELVES AND CLOSETS



4 LAVATORY CLEARANCES AND MOUNTING HEIGHTS



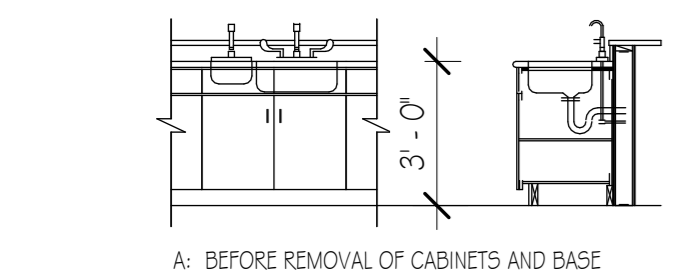
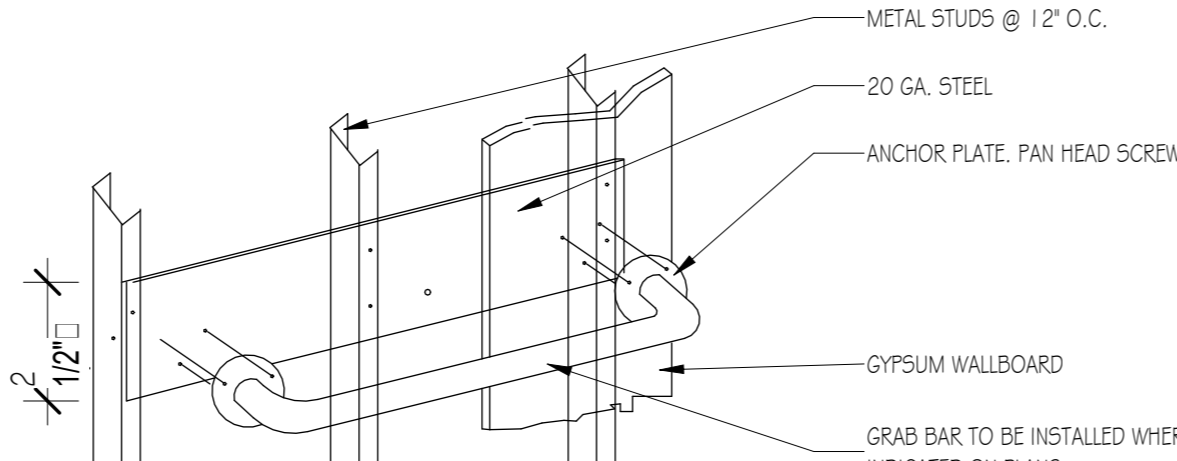
5 DRINKING FOUNTAIN CLEARANCES



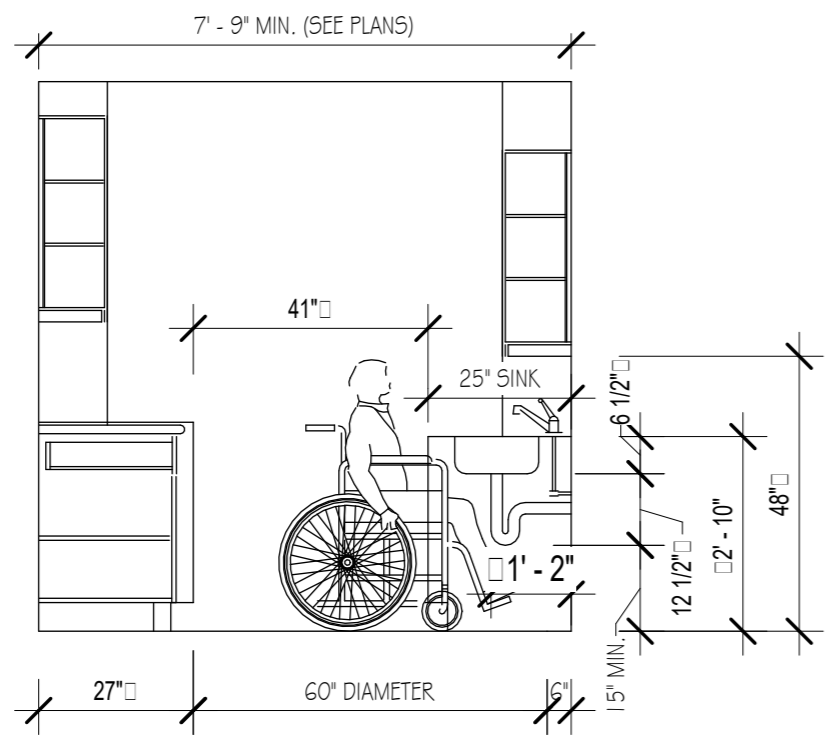
6 REINFORCED AREAS GRAB BARS AT WC

NOTE:
- PORTION OF COUNTERTOP TO BE DROPPED TO 2'-10" AND CABINETS REMOVED AS PER L150/87 REQUIREMENTS.
- ALL OVERHEAD KITCHEN CABINETS AND CABINET TOPS (INCL. SINK, BUT EXCL. STOVES, COOKTOPS AND OVER PASSTHROUGH OPENINGS) MUST BE INSTALLED SO THAT THEY CAN BE LOWERED, SUCH THAT THE TOP OF THE LOWEST SHELF IS NO HIGHER THAN 48" ABOVE FIN. FL. FOR HANDICAP ADAPTABILITY.

WATER CLOSETS:
- CLEAR FLOOR SPACE AT THE WATER CLOSET SHALL BE AS SHOWN.
- THE HEIGHT OF THE WATER CLOSET SHALL BE AT LEAST 15" & NO MORE THAN 19", MEASURED TO THE TOP OF THE TOILET SEAT.
- GRAB BARS SHALL BE INSTALLED AS SHOWN AND SHALL COMPLY WITH SECTION 4.24 (AHS), OR STRUCTURAL REINFORCEMENT OR OTHER PROVISIONS SHALL BE MADE THAT WILL ALLOW INSTALLATION OF GRAB BARS IN THE LOCATION SHOWN.
- THE TOILET PAPER DISPENSER SHALL BE INSTALLED WITHIN REACH AS SHOWN.



7 TYP. KITCHEN SINK COUNTER HANDICAP ADAPTABLE



- HANDICAPPED ACCESS NOTES:
1. DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE MOUNTED SO THAT CLEAR WIDTH OF DOORWAY IS AT LEAST 32 INCHES.
 2. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE.
 3. MAXIMUM EFFORT TO OPERATE FIRE DOORS SHALL BE 15 LBS. AT OTHER INTERIOR DOORS MAXIMUM EFFORT TO OPERATE SHALL BE 5 LBS.
 4. FLOOR, RAMP, AND TREAD SURFACES SHALL BE SLIP RESISTANT.
 5. EMERGENCY WARNING SYSTEMS SHALL ACTIVATE A MEANS OF WARNING FOR THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.
 6. THRESHOLDS SHALL NOT BE MORE THAN 1/2" HIGHER THAN ADJACENT FLOOR OR LANDING. LEVEL CHANGE BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH SLOPE NO GREATER THAN 1:2.
 7. CENTER OF ALARM PULL BOXES SHALL BE 4'-0" A.F.F.

ALL SECTIONS REFERENCED REFER TO INTERNATIONAL CODE COUNCIL A-117.1 - 2009, AS REQUIRED PER THE 2020 NYS BC.



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Structural Engineer:

MEP Engineer:
AMM Engineering
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Surveyor:
Schnepp & Murrell, P.C. Land Surveyors
126 Main Street
Sayville, NY 11782

Project Name

WPP BLDG 7

Project Address
1671-1 Route 112,
Coram, NY 11727

Project Type

New Construction

Revisions

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Prelim - Issued to Steel Fabricator	06/10/22
Prelim - Released to Steel Fabricator	06/30/2022
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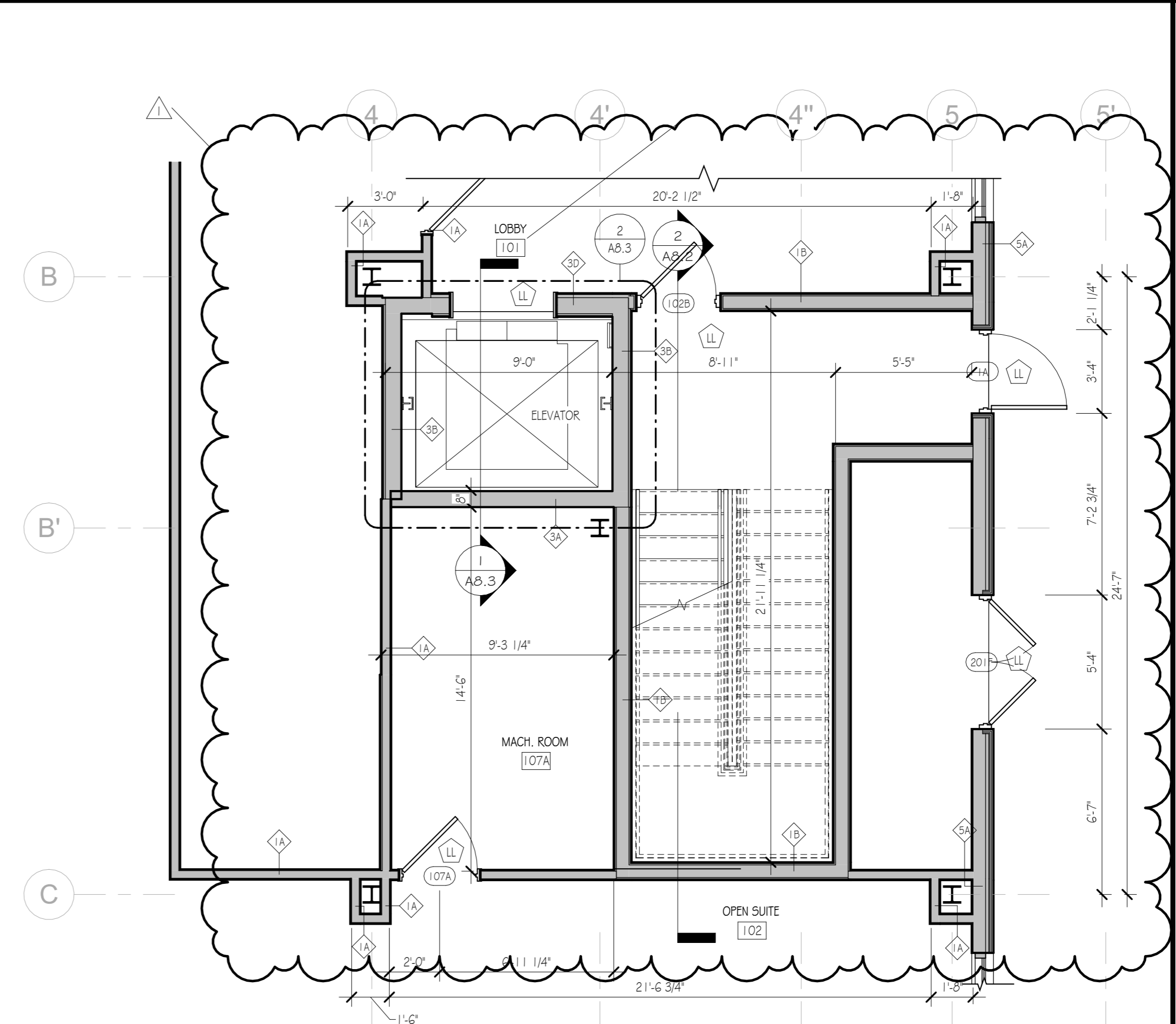
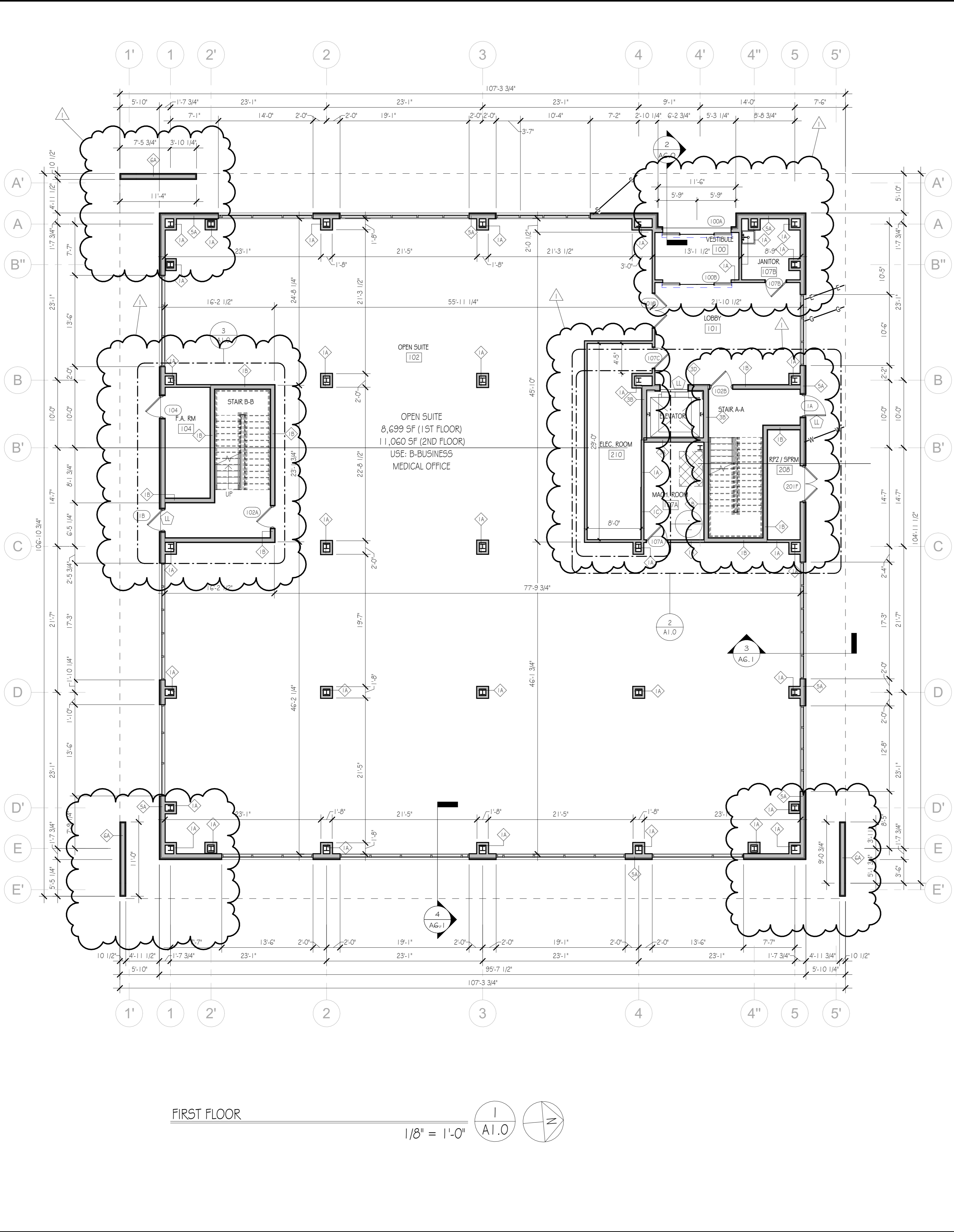
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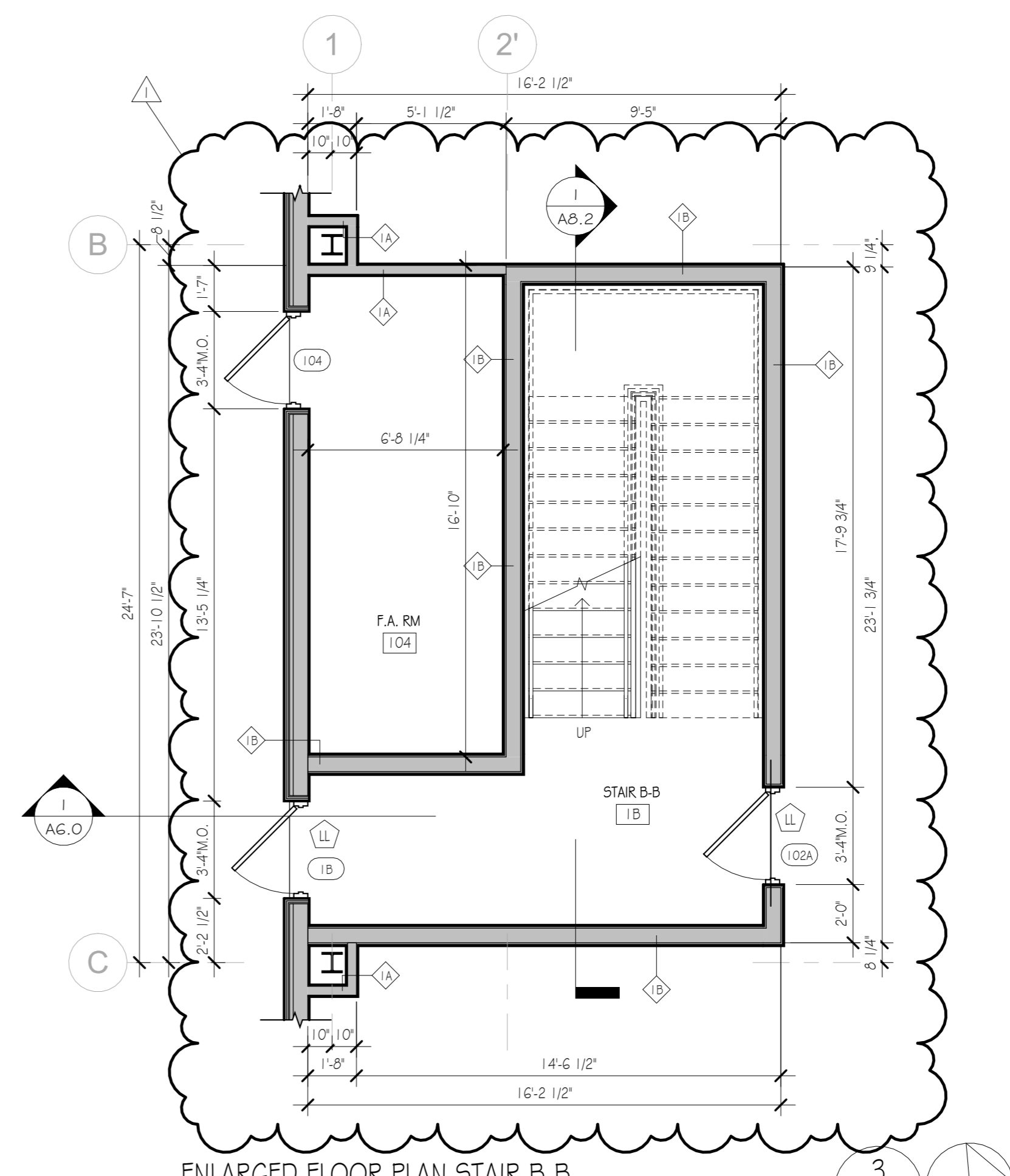
ADA Details

SCTM#	200-229-3-28.1 & 29.2	BUILDING No:	
SCDHS No.:		JM2 No.:	2021-0542
PLANNING No.:		DATE:	09/16/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	1/4" = 1'-0"
		DWG No.:	T1.1






ENLARGED FLOOR PLAN STAIR A-A
1/4" = 1'-0" 2 A1.0



ENLARGED FLOOR PLAN STAIR B-B
1/4" = 1'-0" 3 A1.0



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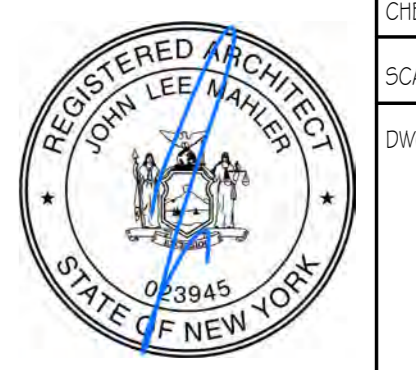
Revisions

Prelim - Issued for review	06/10/22
Prelim - Issued to Steel Fabricator	06/30/2022
Prelim - Released to Steel Fabricator	06/30/2022
Prelim - Issued to MEP Consultant	07/06/2022
REVISIONS PER OWNER COMMENTS	09/16/2024
MINOR REVISIONS PER OWNERS COMMENTS	10/03/2024

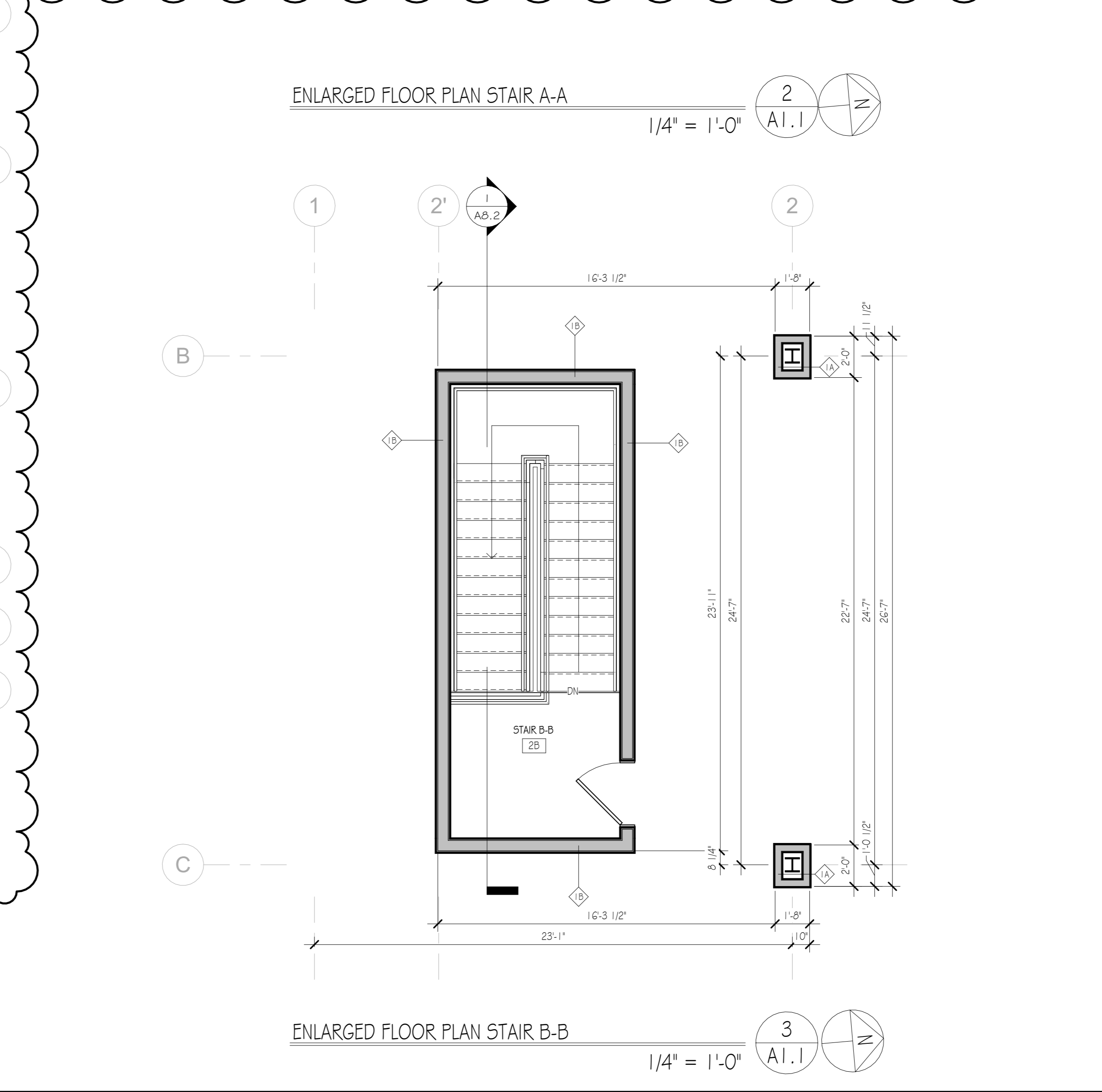
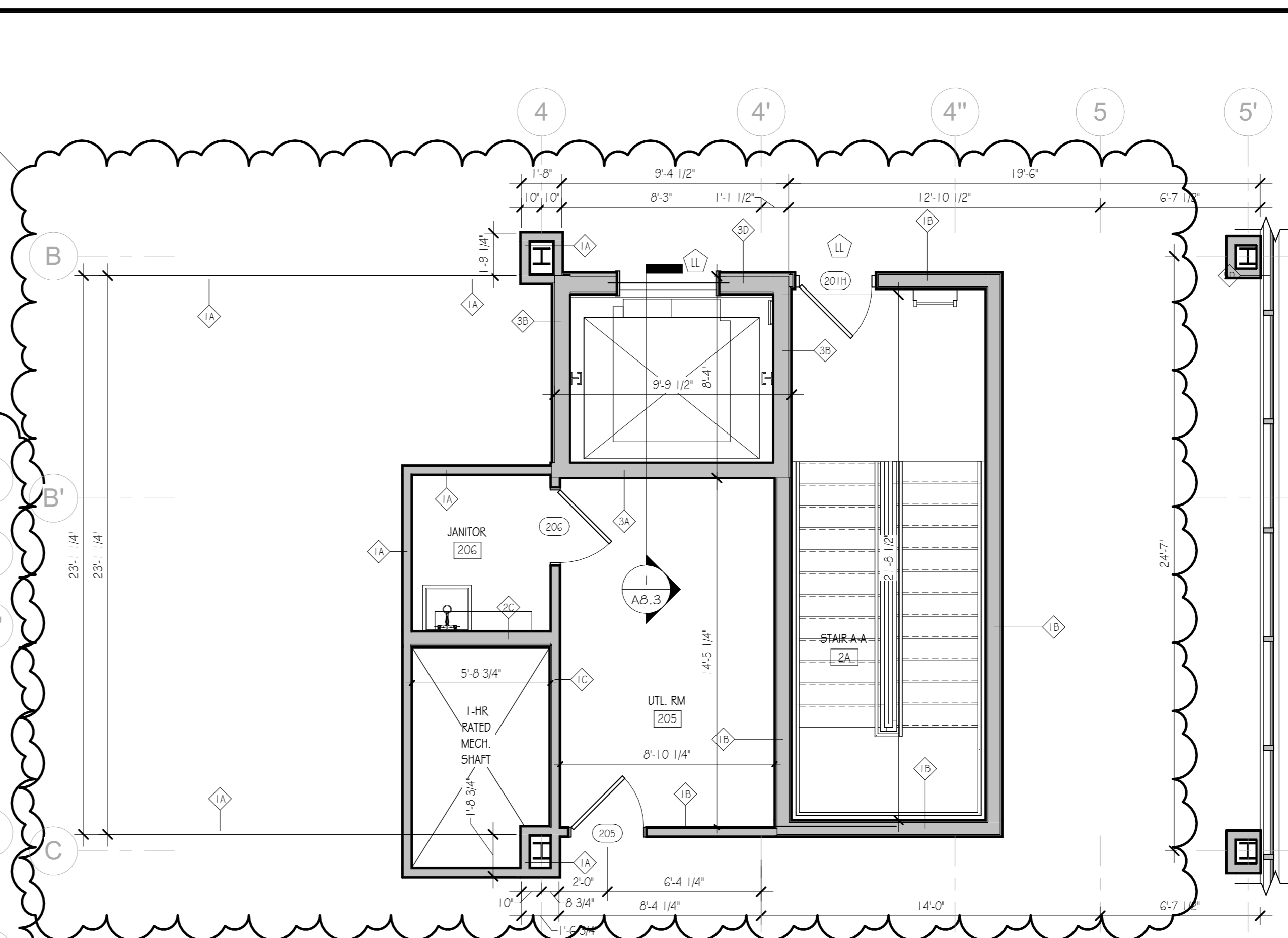
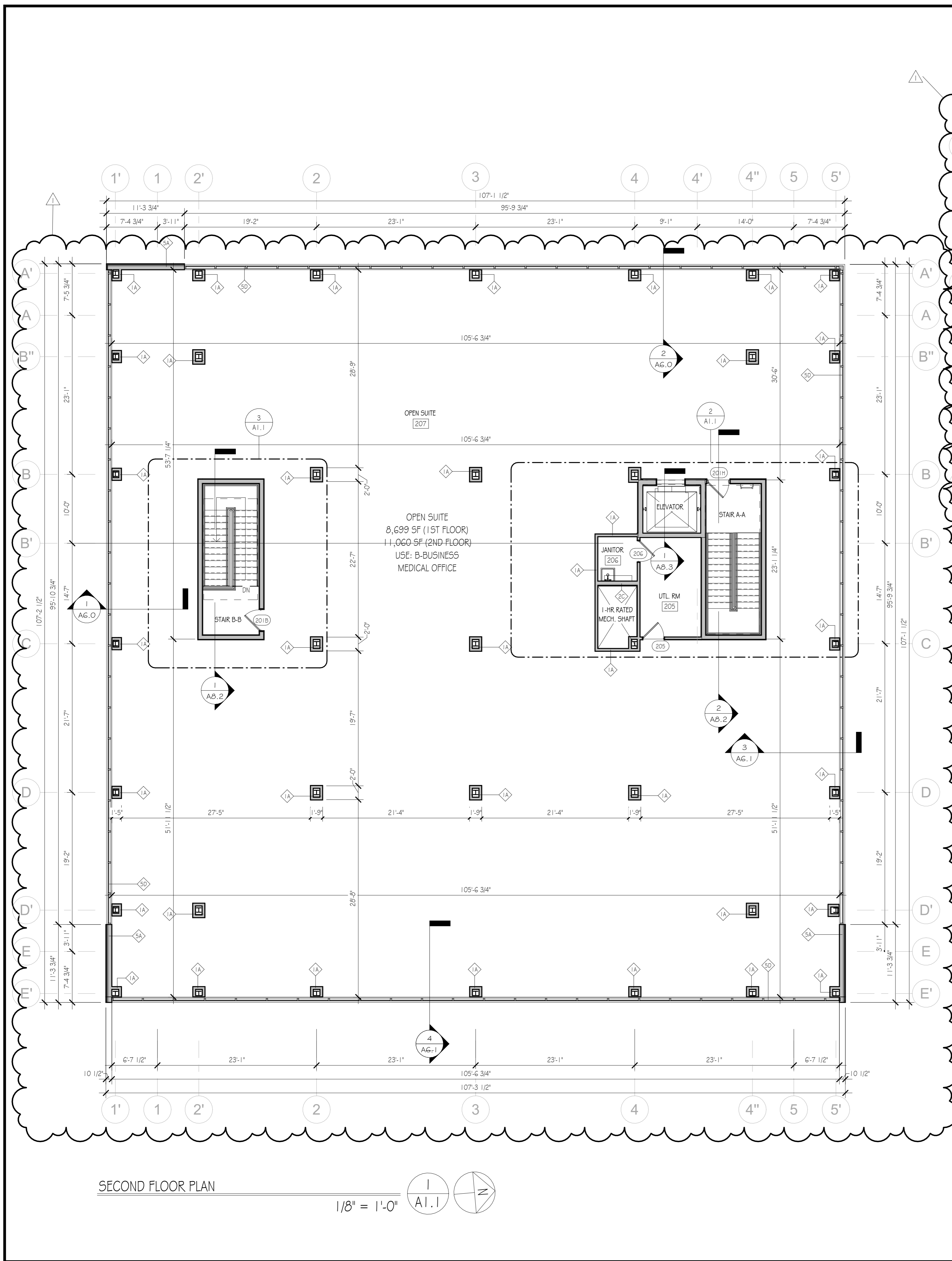
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Drawing Title
First Floor Plan

SCTM# 200-229-3-28.1 & 29.2	BUILDING No:
SCDHS No:	JM2 No: 2021-0542
PLANNING No:	DATE: 09/16/24
SEAL & SIGNATURE:	DESIGNED BY: TF
	CHECKED BY: JM
	SCALE: As indicated
	DWG No:



A1.0



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REVISIONS PER OWNER COMMENTS	08/16/2024
MINOR REVISIONS PER OWNERS COMMENTS	10/03/2024

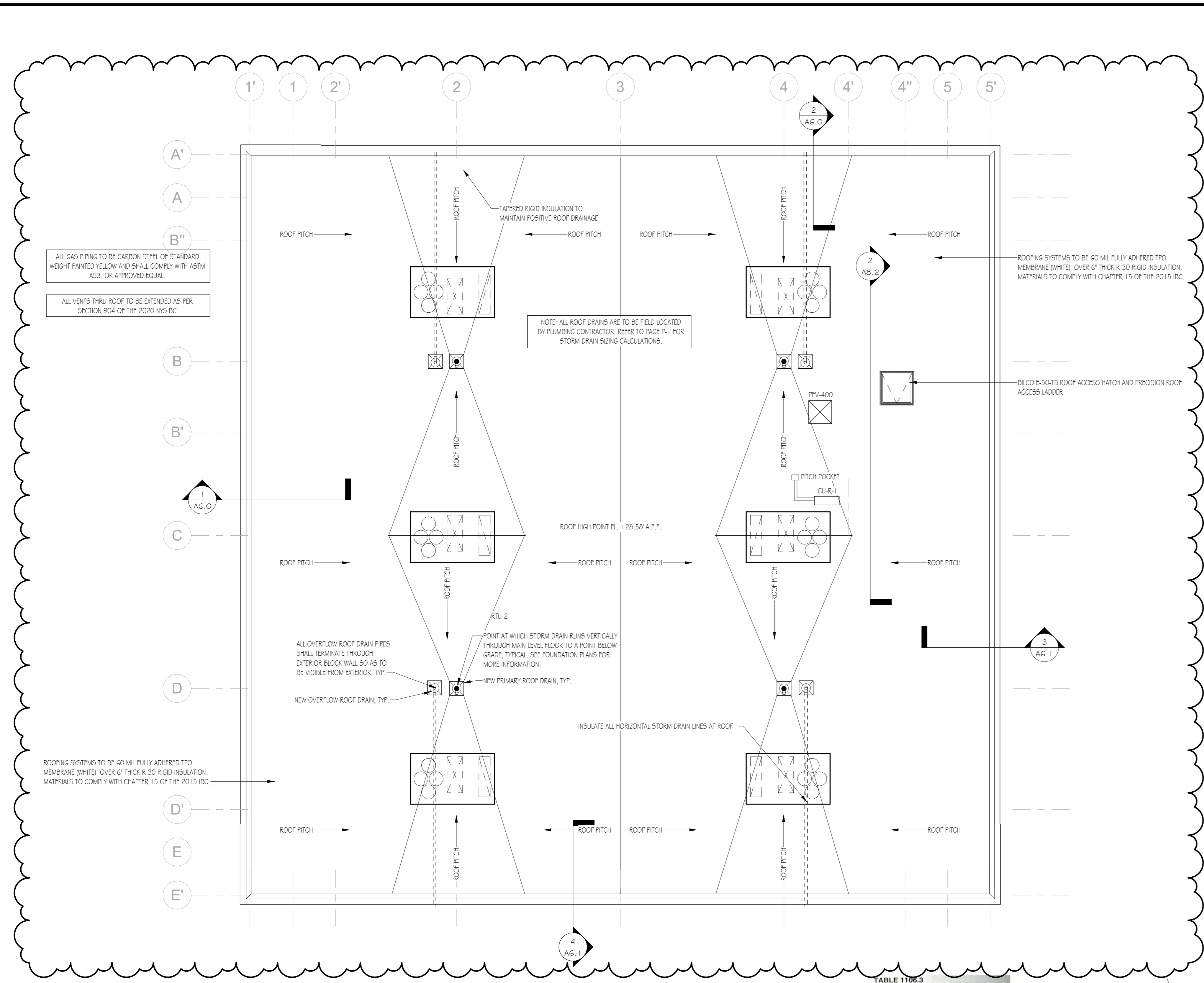
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Second Floor Plan

SCTM#	200-229-3-2B.1 & 29.2	BUILDING No.	
SCDHS No.		JM2 No.	2021-0542
PLANNING No.		DATE:	08/16/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	As indicated
		DWG No.	



A1.1



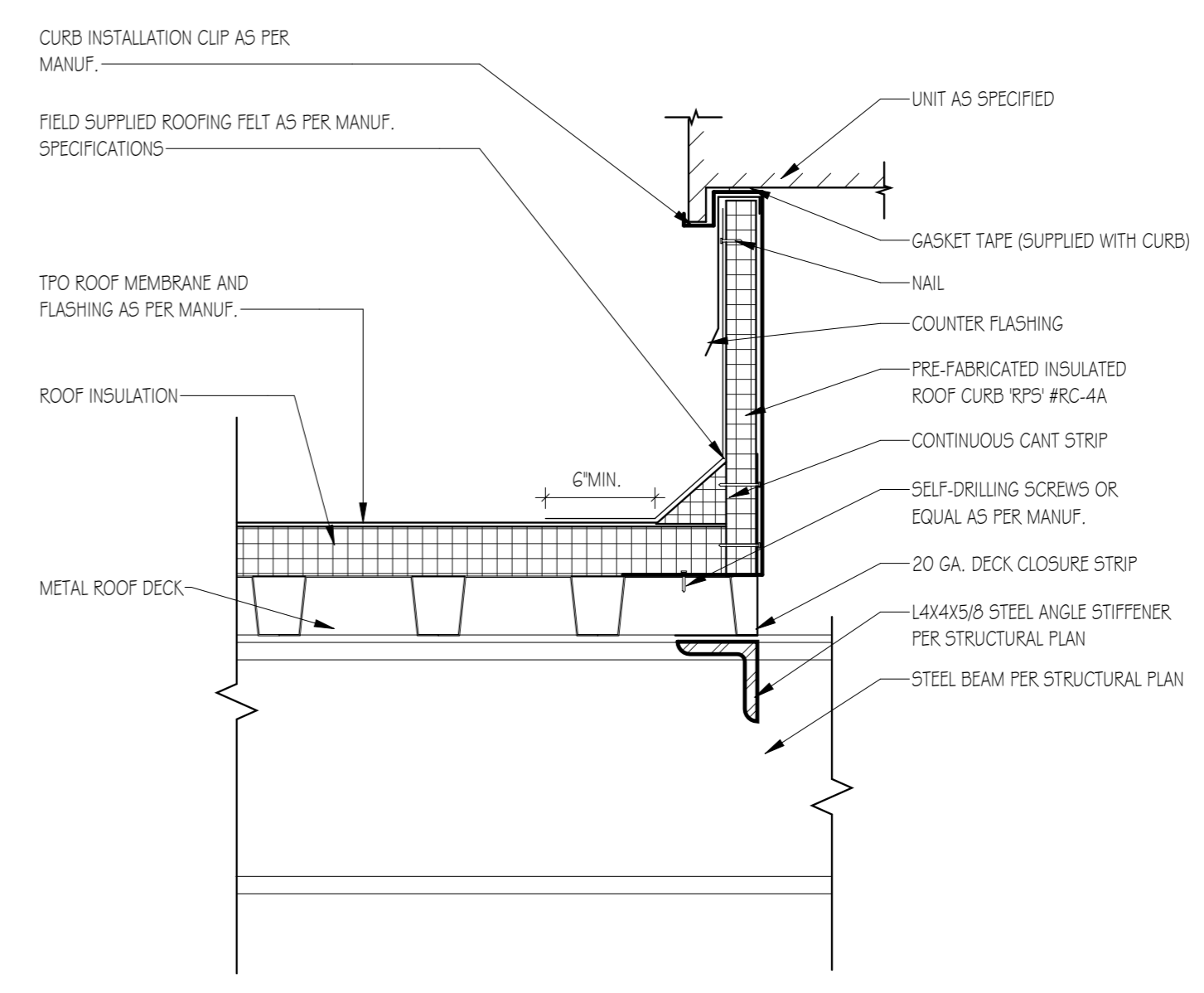
ROOF PLAN
1/8" = 1'-0" A2.0

TABLE 1106.2 STORM DRAIN PIPE SIZING

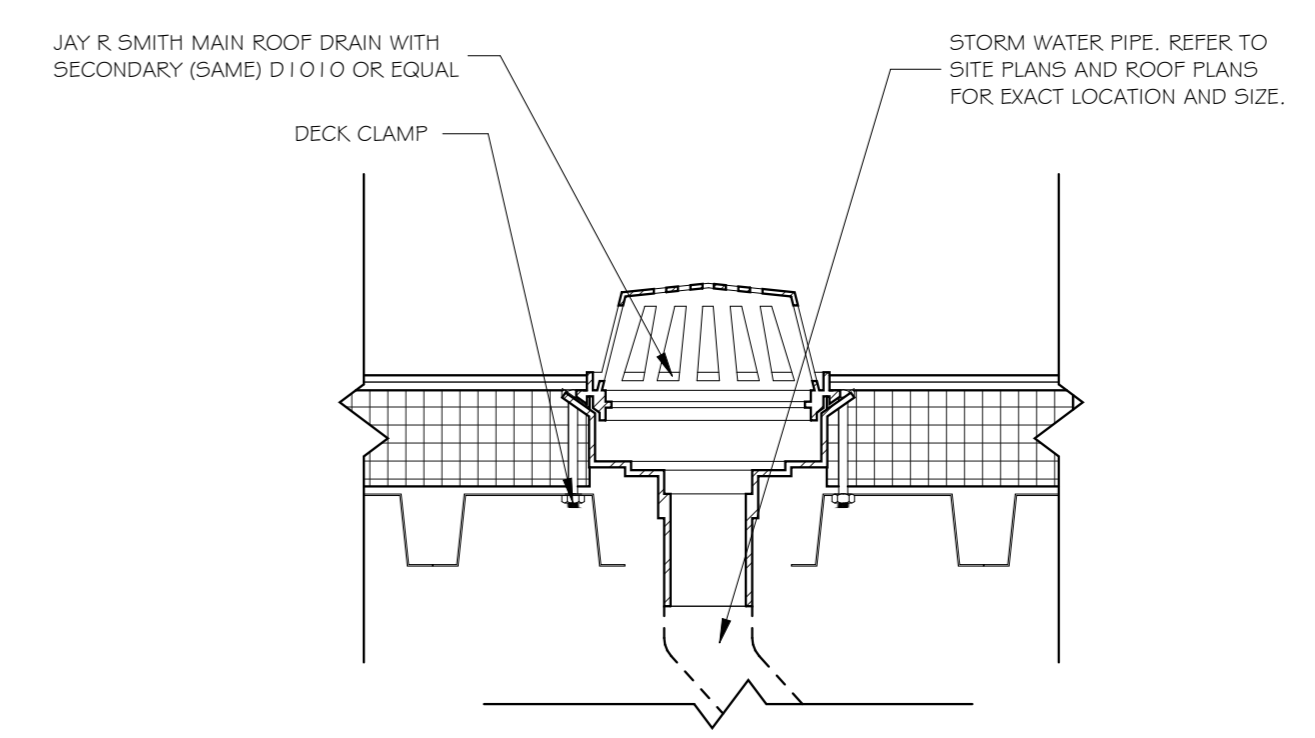
PIPE SIZE (inches)	VERTICAL DRAIN	CAPACITY (gpm)			
		SLOPE OF HORIZONTAL DRAIN			
		1/8 inch per foot	1/4 inch per foot	1/2 inch per foot	3/4 inch per foot
2	34	15	22	31	44
3	87	39	55	79	111
4	180	81	115	163	231
5	311	117	165	234	331
6	538	243	344	487	689
8	1,117	505	714	1,010	1,429
10	2,050	927	1,311	1,855	2,623
12	3,272	1,480	2,093	2,960	4,187
15	5,543	2,508	3,546	5,016	7,093

TABLE 1106.3 VERTICAL LEADER SIZING

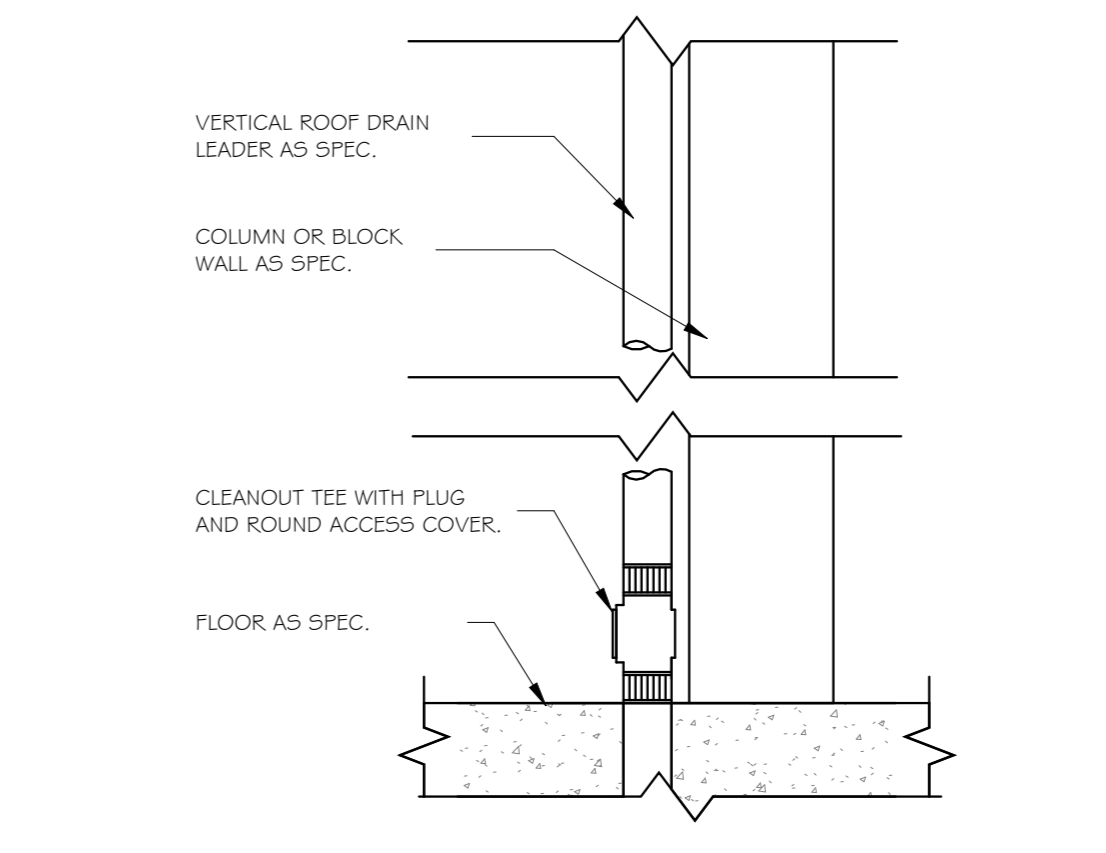
SIZE OF LEADER (inches)	CAPACITY (gpm)
2	30
2 x 2	30
1 1/2 x 2 1/2	30
2 1/2	54
2 1/2 x 2 1/2	54
3	92
2 x 4	92
2 1/2 x 3	92
4	192
3 x 4 1/2	192
3 1/2 x 4	192
5	360
4 x 5	360
4 1/2 x 4 1/2	360
6	563
5 x 6	563
5 1/2 x 5 1/2	563
8	1208
6 x 8	1208



ROOFTOP CURB DETAIL
1 1/2" = 1'-0" A2.0



ROOF DRAIN DETAIL
1 1/2" = 1'-0" A2.0



ROOF LEADER DETAIL
1 1/2" = 1'-0" A2.0

JM2 ARCHITECTURE, PC
2410 NORTH OCEAN AVENUE
SUITE 300
FARMINGVILLE, NY, 11736
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Applicant:
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1671-1 Route 112
Coram, NY 11727

Architect of Record:
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Farmingville, NY 11736
631-320-3305

Structural Engineer:

MEP Engineer:
AMM Engineering
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Patchogue, NY 11772

Surveyor:
Schnepf & Murrell, P.C. Land Surveyors
126 Main Street
Sayville, NY 11782

Project Name

WPP BLDG 7

Project Address

1671-1 Route 112,
Coram, NY 11727

Project Type

New Construction

Revisions

Prelim - Issued for review	
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Drawing Title

Roof Plan

SCTM# 200-229-3-2B.1 4 29.2 BUILDING No:

SCDHS No.: JM2 No: 2021-0542

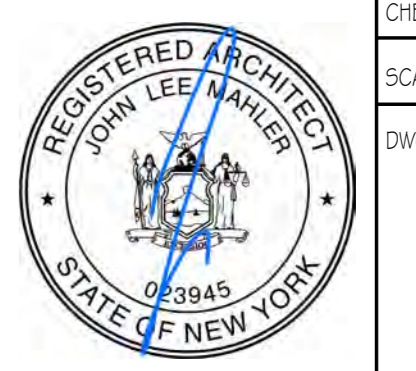
PLANNING No: DATE: 09/16/24

SEAL & SIGNATURE: DESIGNED BY: TF

CHECKED BY: JM

SCALE: As indicated

DWG No:



A2.0

Applicant:
MRK Stony Brook, Inc.
1671-1 Route 112
Coram, NY 11727

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Drawing Title

Reflected Ceiling Plan

SCTM# 200-229-3-28.1 & 29.2 BUILDING No: 2021-0542

SCDHS No.: JM2 No: 2021-0542

PLANNING No: DATE: 09/16/24

SEAL & SIGNATURE: DESIGNED BY: TF

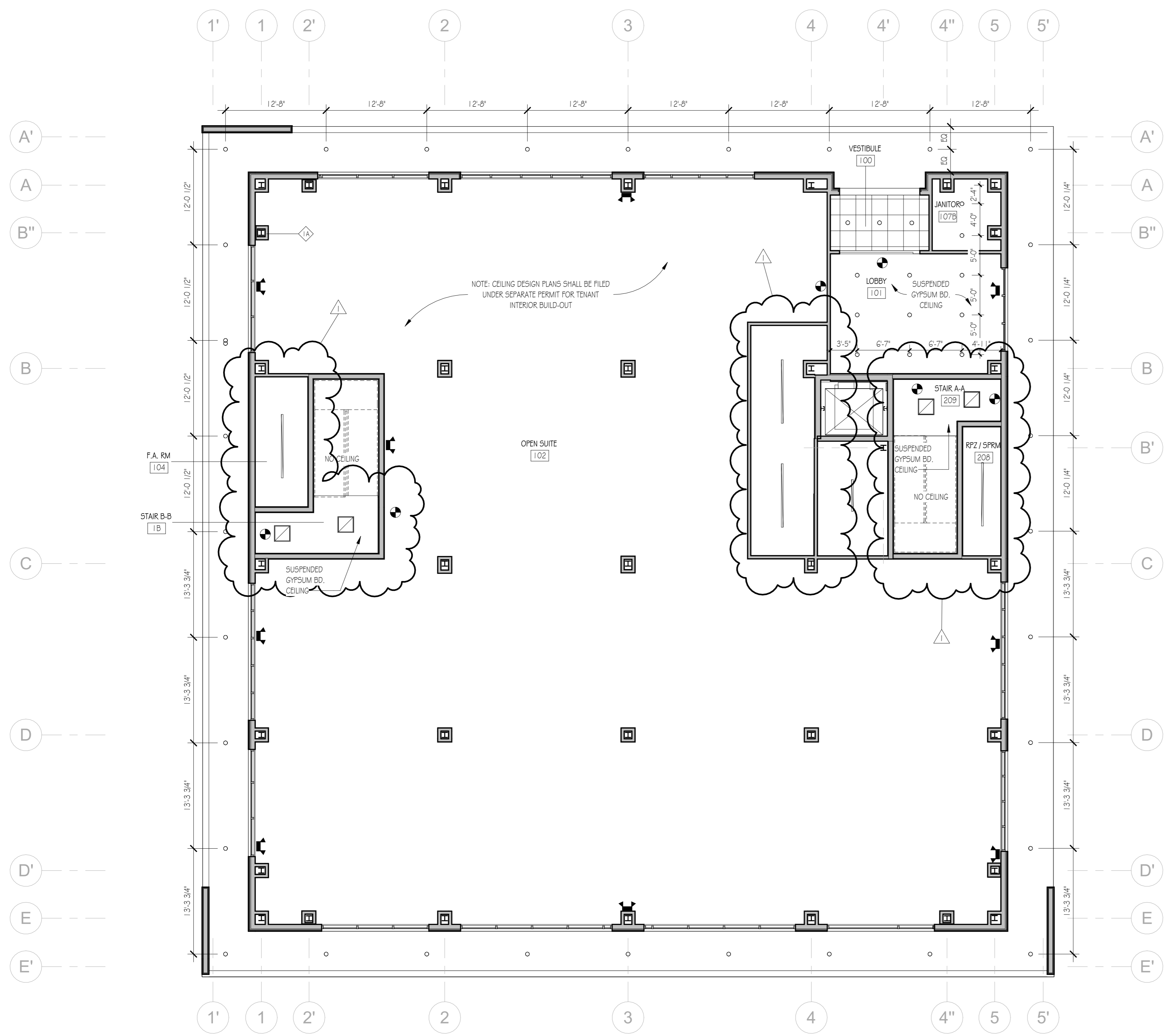
CHECKED BY: JM

SCALE: As indicated

DWG No:



A3.0



NOTE: CEILING DESIGN PLANS SHALL BE FILED UNDER SEPARATE PERMIT FOR TENANT INTERIOR BUILD-OUT

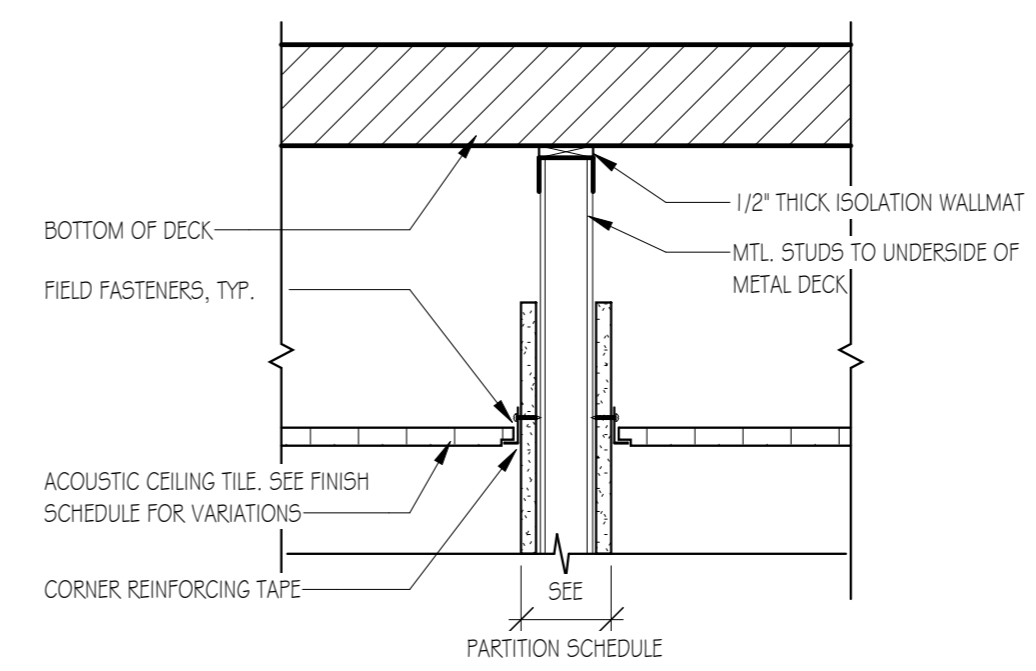
FIRST FLOOR RCP
1/8" = 1'-0" A3.0

NOTES:

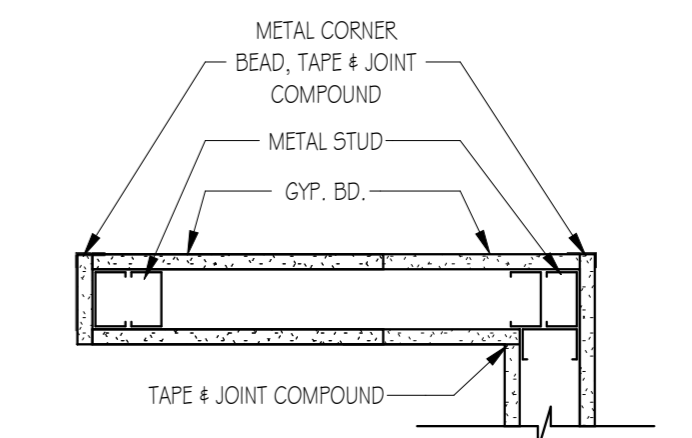
- ALL CEILING SYSTEMS SHALL BE SET AT 9'-0" ABOVE FINISHED FLOOR EXCEPT AS OTHERWISE NOTED.
- ALL CEILING HEIGHTS HAVE BEEN ESTABLISHED BASED UPON A GROUND-UP PROTOTYPICAL STRUCTURE. MODIFICATIONS AND SUBJECTIVE ANALYSIS MAY BE REQUIRED IN RETROFIT SITUATIONS.
- SPRINKLER CONTRACTOR TO LOCATE SPRINKLER HEADS AS REQUIRED AND PROVIDE COORDINATION DRAWINGS FOR ARCHITECT REVIEW AND APPROVAL, PRIOR TO INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SIGNED AND SEALED DRAWINGS WITH CALCULATIONS AS REQUIRED BY TOWN.
- IF PROPOSED CEILING HEIGHTS ARE NOT POSSIBLE IN RETROFITS, CONTRACTOR SHALL COORDINATE WITH ARCHITECT TO PUSH NEW CEILING AS HIGH AS PRACTICAL.
- LIGHTING LAYOUT BY ARCHITECT TO BE COORDINATED WITH EQUIPMENT LAYOUT.
- COORDINATE LIGHTING LAYOUT WITH STORAGE SYSTEM LAYOUT WITH TYPE 'X' FIXTURE.
- ALL ROOMS ILLUSTRATED ON CEILING PLANS THAT SHOW LIGHTING BUT NO GRID SHALL HAVE 5/8" GYPSUM BOARD FINISH TAPED AND SPACKLED.
- ALL LIGHTING SHOWN AS PER NOTE #7 SHALL BE RECESSED INTO GYPSUM BOARD.
- ALL LIGHT FIXTURES PROPOSED IN BATHROOM, SHOWER AND SAUNDA AREA TO BE WATER PROOF. GYPSUM BOARD CEILING PROPOSED IN THESE AREA TO BE WATER AND MOISTURE RESISTANT.
- MEP CONTRACTOR TO COORDINATE SUPPLY AND RETURN DIFFUSER LOCATIONS WITH ENGINEERING DRAWINGS. PRIOR TO INSTALLATION, CONTRACTOR SHALL PROVIDE COORDINATION DRAWING FOR ARCHITECT REVIEW AND APPROVAL.

LIGHTING LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	24" x 48" RECESSED LAY-IN LED LIGHT FIXTURE, FLAT PANEL MODEL NUVO G5-582 AS MANUF. BY SATCO OR APPROVED EQUAL. 50W, 5500 LUMENS, 4000K		CEILING MOUNTED COMMERCIAL GRADE EDGE-LIT GREEN LED EXIT LIGHT W/ DIRECTION AND BATTERY BACKUP MODEL # EKREL X GC W EM SOT AS MANUF. BY ENBOY LIGHTING
	24" x 24" RECESSED LAY-IN LED LIGHT FIXTURE, FLAT PANEL MODEL NUVO G5-571 AS MANUF. BY SATCO OR APPROVED EQUAL. 40W, 4400 LUMENS, 4000K		24" x 24" LAY-IN MFM-10 MODFLOW INSULATED SUPPLY DIFFUSER AS MANUF. BY TITUS, OR APPROVED EQUAL
	6" RECESSED LED DIMMABLE DOWNLIGHT, 1200 LUMENS, 4000K, 13.5W. MODEL: S1 I 625 13.5W/0.5-60CT-SEV120V, AS MANUFACTURED BY SATCO.		LAY-IN MFR-10 MODFLOW RETURN DIFFUSER AS MANUF. BY TITUS, OR APPROVED EQUAL
	LINEAR LED LIGHT FIXTURE MODEL NLS0 AS MANUF. BY LAMAR LED OR APPROVED EQUAL, 33W, 120V, 4000K. 72" LENGTH (PENDANT MOUNTED @ 8" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED)		R-OMNI ROUND STEEL PLAQUE SUPPLY DIFFUSER AS MANUF. BY TITUS, OR APPROVED EQUAL
	HIGH BAY LED LIGHT FIXTURE MODEL NUVO G5-711 AS MANUF. BY SATCO OR APPROVED EQUAL, 150 WATT AND 4000K. PENDANT MOUNTED @ 22' ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED		2x2 TILE AND GRID SUSPENDED CEILING SYSTEM TO BE SONAR 2x2x3/4 W/ SEMI-CONCEALED (SDC) EDGE, ITEM 14550 AS MANUF. BY ROCKFON, OR APPROVED EQUAL. ALL TOILET ROOMS TO BE KORAL 2x2x5/8 W/ SQUARE REGULAR NARROW (SLN) EDGE, ITEM 1120 AS MANUF. BY ROCKFON, OR APPROVED EQUAL.
	12" x 48" WHITE LED WRAPAROUND MODEL WEL48A AS MANUF. BY LAMAR LED OR APPROVED EQUAL, 26 WATT. FIXTURES CHAIN HUNG AT 10'-0" A.F.F. AND ANCHORED INTO DECK W/ 3/8" EXPANSION ANCHOR		WALL MOUNTED AP250LED SERIES LED EMERGENCY LIGHT W/ BATTERY BACK-UP AS MANUF. BY SUTE-LITE, OR APPROVED EQUAL
			LED FIXTURE WITH INTERNAL BATTERY BACKUP - UN-SWITCHED FOR NIGHT LIGHTING PURPOSES

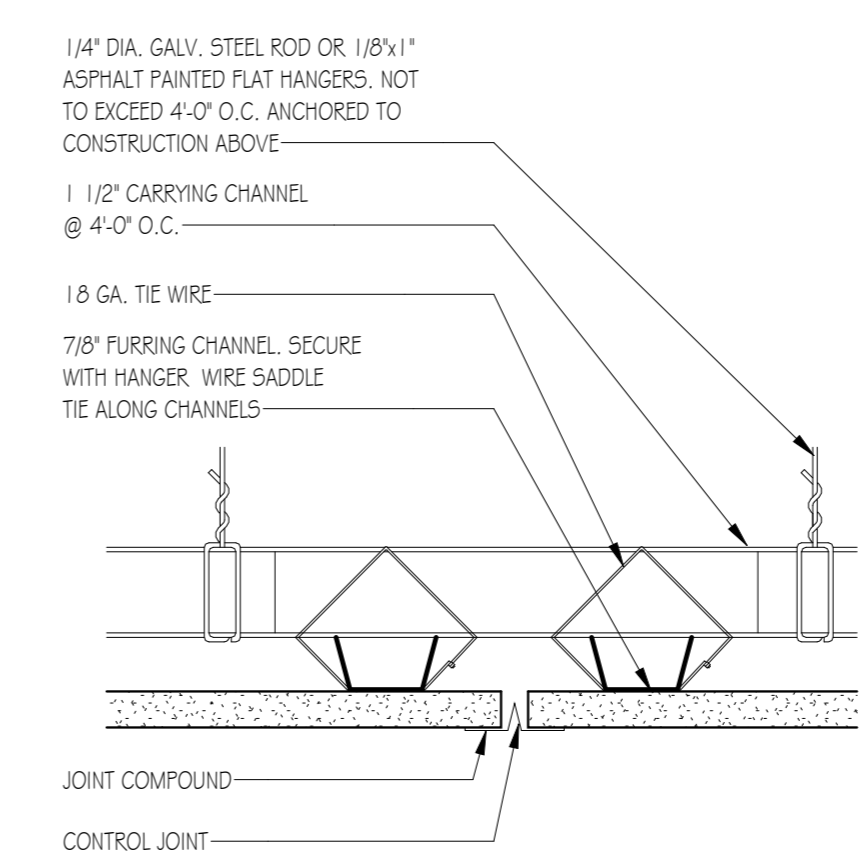
NOTE: PROVIDE BATHROOM EXHAUST AS PROPOSED ON MECHANICAL PLANS



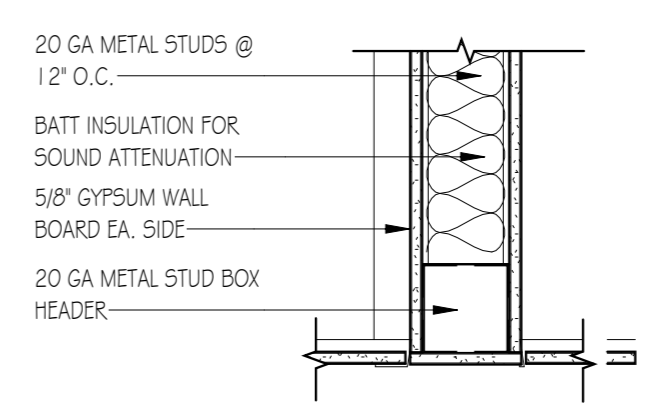
A HUNG CEILING AT PARTITIONS



C PARTITION CORNER & TERMINAL



B SUSPENDED GYPSUM BD CEILING



D INTERIOR HEADER

CEILING DETAILS

2
A3.0

JM2 ARCHITECTURE, PC
2410 NORTH OCEAN AVENUE
SUITE 300
FARMINGVILLE, NY 11736
T | 631.320.3305 F | 631.320.3307

Applicant:
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AMM Engineering
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Surveyor:
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126 Main Street
Sayville, NY 11782

Project Name

WPP BLDG 7

Project Address

1671-1 Route 112,
Coram, NY 11727

Project Type

New Construction

Revisions

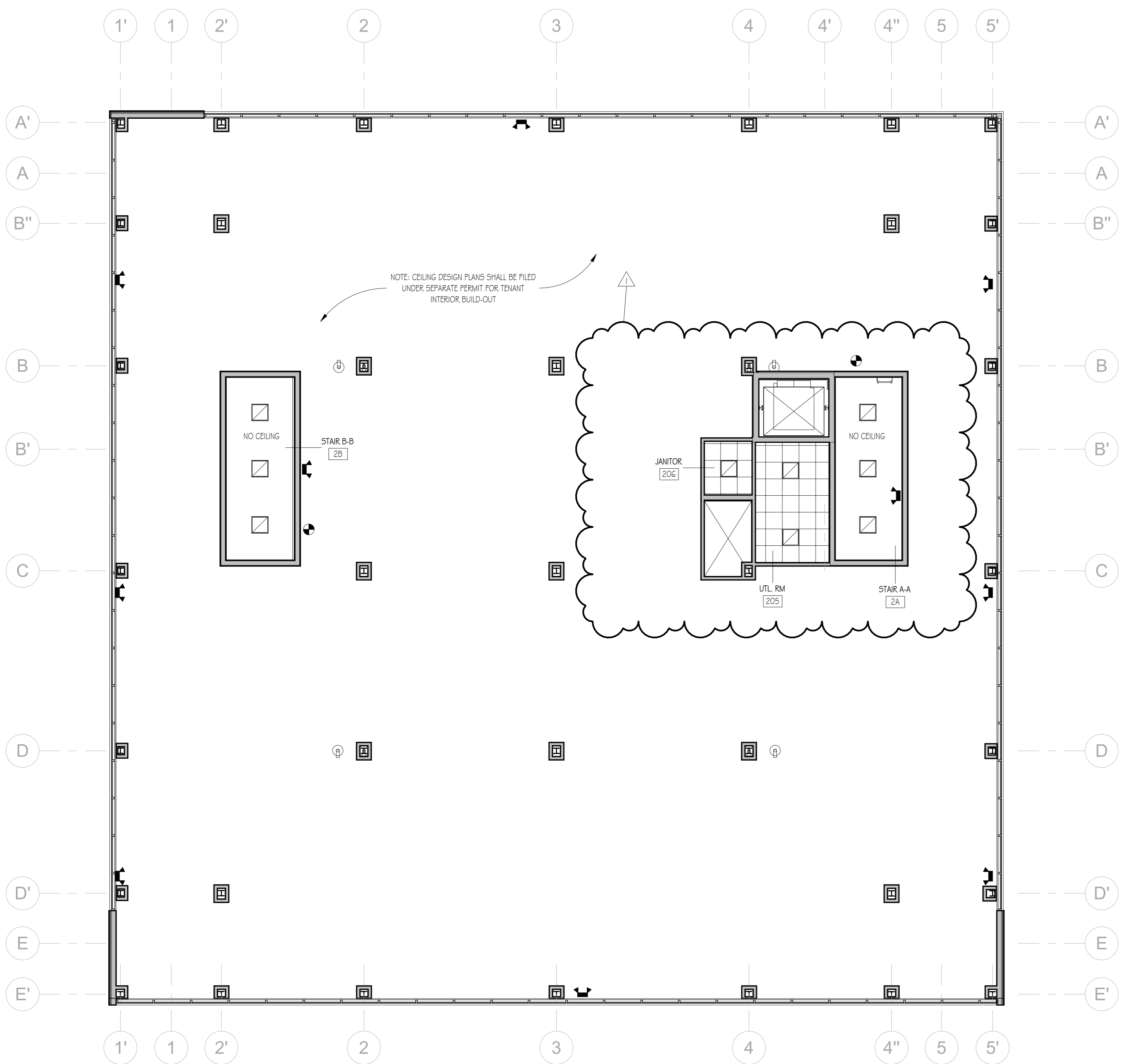
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Drawing Title

Reflected Ceiling Plan

SCDM#	200-229-3-2B.1 4 29.2	BUILDING No:	
SCDHS No.:		JM2 No.:	2021-0542
PLANNING No.:		DATE:	09/16/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	1/8" = 1'-0"
		DWG No.:	A3.1



NOTE: CEILING DESIGN PLANS SHALL BE FILED UNDER SEPARATE PERMIT FOR TENANT INTERIOR BUILD-OUT

SECOND FLOOR RCP

1/8" = 1'-0" A3.1

NOTES:

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SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
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	24" x 24" RECESSED LAY-IN LED LIGHT FIXTURE, "FLAT PANEL MODEL NUVO G5-571 AS MANUF. BY SATCO OR APPROVED EQUAL. 40W, 4400 LUMENS, 4000K.		24" x 24" LAY-IN MFI-10 MODULFLOW INSULATED SUPPLY DIFFUSER AS MANUF. BY TITUS, OR APPROVED EQUAL
	6" RECESSED LED DIMMABLE DOWNLIGHT, 1200 LUMENS, 4000K, 13.5W. MODEL: 511825 13.5RDU5-6/CCT-SEL1 20V, AS MANUFACTURED BY SATCO.		LAY-IN MFR-10 MODULFLOW RETURN DIFFUSER AS MANUF. BY TITUS, OR APPROVED EQUAL
	LINEAR LED LIGHT FIXTURE MODEL NLS0 AS MANUF. BY LAMAR LED OR APPROVED EQUAL. 33W, 120V, 4000K. 72" LENGTH (PENDANT MOUNTED @ 8' ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED)		R-OMNI ROUND STEEL PLAQUE SUPPLY DIFFUSER AS MANUF. BY TITUS, OR APPROVED EQUAL
	HIGH BAY LED LIGHT FIXTURE MODEL NUVO G5-711 AS MANUF. BY SATCO OR APPROVED EQUAL. 150 WATT AND 4000K. PENDANT MOUNTED @ 22' ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED		2x2 TILE AND GRID SUSPENDED CEILING SYSTEM TO BE SONAR 2x2x3/4 W/ SEMI-CONCEALED (SDC) EDGE, ITEM 14550 AS MANUF. BY ROCKFON, OR APPROVED EQUAL. ALL TOILET ROOMS TO BE KORAL 2x2x5/8 W/ SQUARE REGULAR HOLLOW (SLN) EDGE, ITEM 1120 AS MANUF. BY ROCKFON, OR APPROVED EQUAL.
	12" x 48" WHITE LED WRAPAROUND MODEL WEL68A AS MANUF. BY LAMAR LED OR APPROVED EQUAL. 28 WATT. FIXTURES CHAIN HUNG AT 10'-0" A.F.F. AND ANCHORED INTO DECK W/ 3/8" EXPANSION ANCHOR.		WALL MOUNTED AP250LED SERIES LED EMERGENCY LIGHT W/ BATTERY BACK-UP AS MANUF. BY SUITE-LITE, OR APPROVED EQUAL
	NOTE: PROVIDE BATHROOM EXHAUST AS PROPOSED ON MECHANICAL PLANS		LED FIXTURE WITH INTERNAL BATTERY BACKUP - UN-SWITCHED FOR NIGHT LIGHTING PURPOSES

Applicant:
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Project Name

WPP BLDG 7

Project Address

1671-1 Route 112,
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Project Type

New Construction

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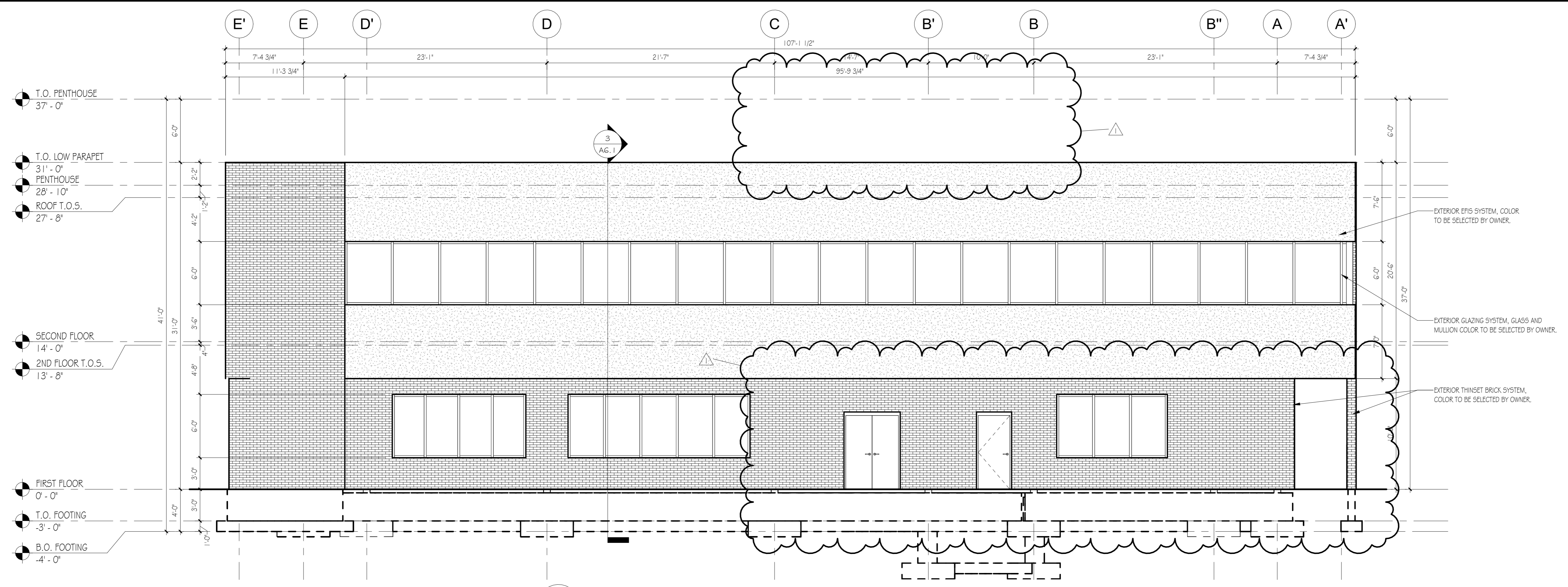
Drawing Title

Building Elevations

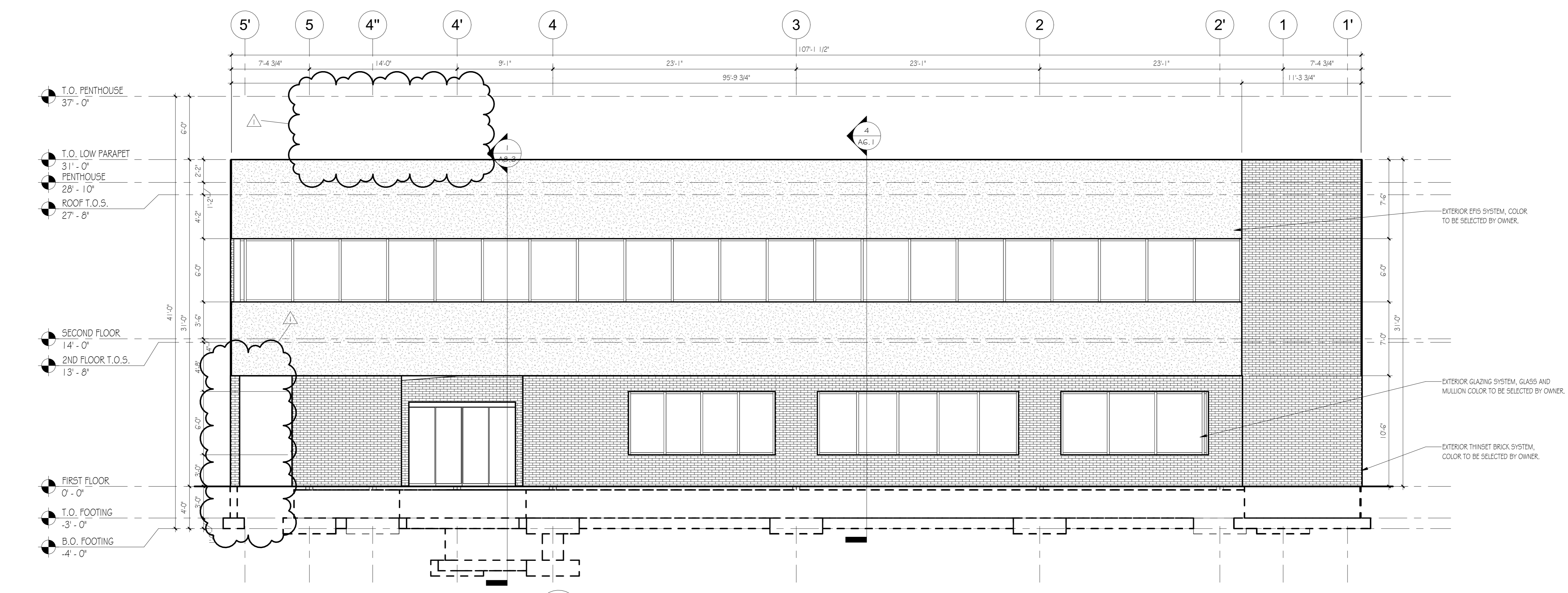
SCTM#	200-229-3-28.1 & 29.2	BUILDING No:	
SCDHS No.:		JM2 No.:	2021-0542
PLANNING No.:		DATE:	09/16/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	3/16" = 1'-0"
		DWG No.:	A4.0



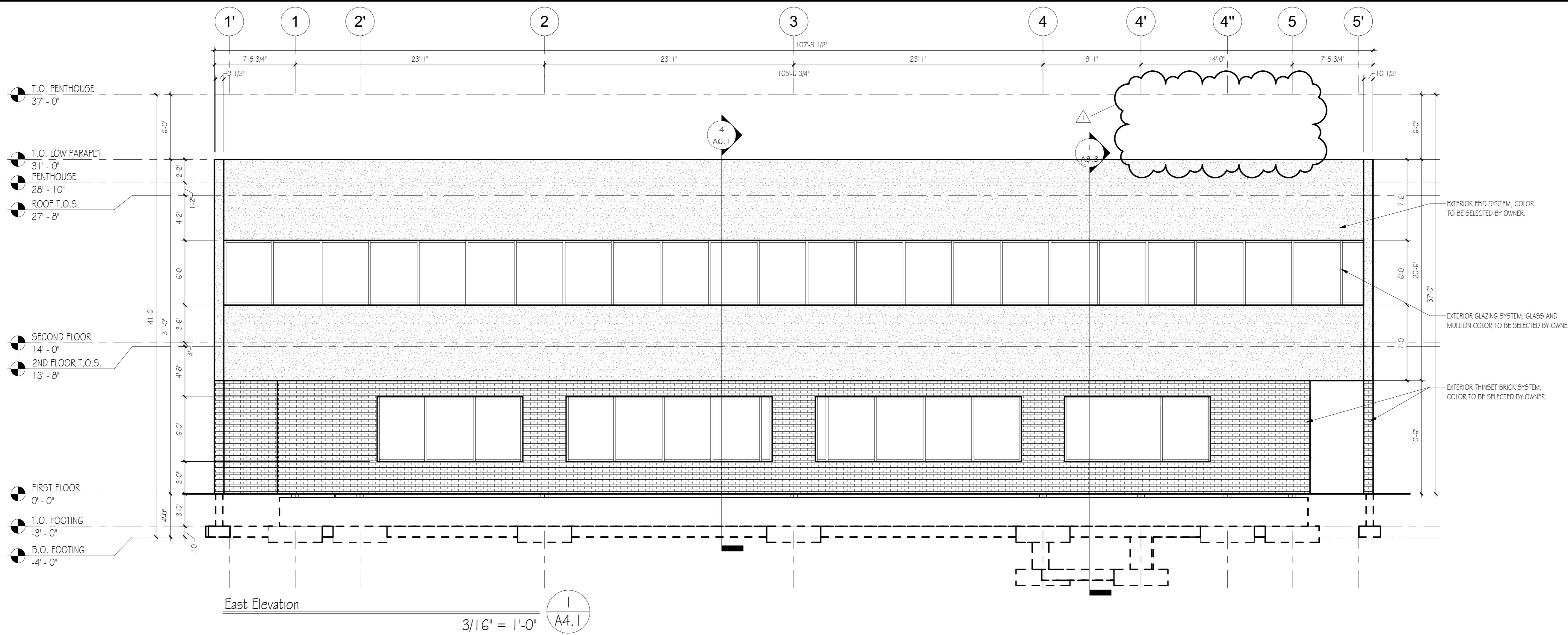
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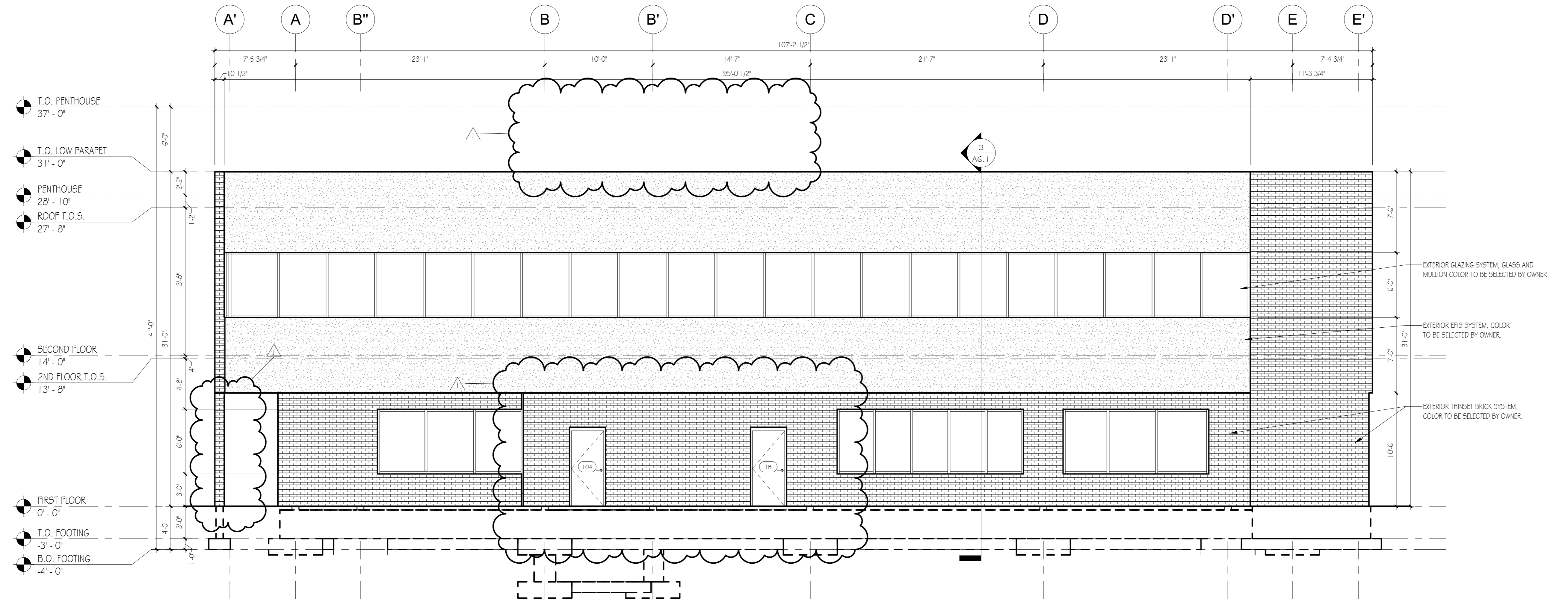
North Elevation
 3/16" = 1'-0" A4.0



West Elevation
 3/16" = 1'-0" A4.0



East Elevation
3/16" = 1'-0" A4.1



South Elevation
3/16" = 1'-0" A4.1

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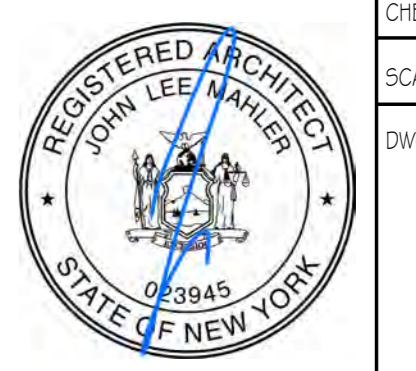
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Drawing Title

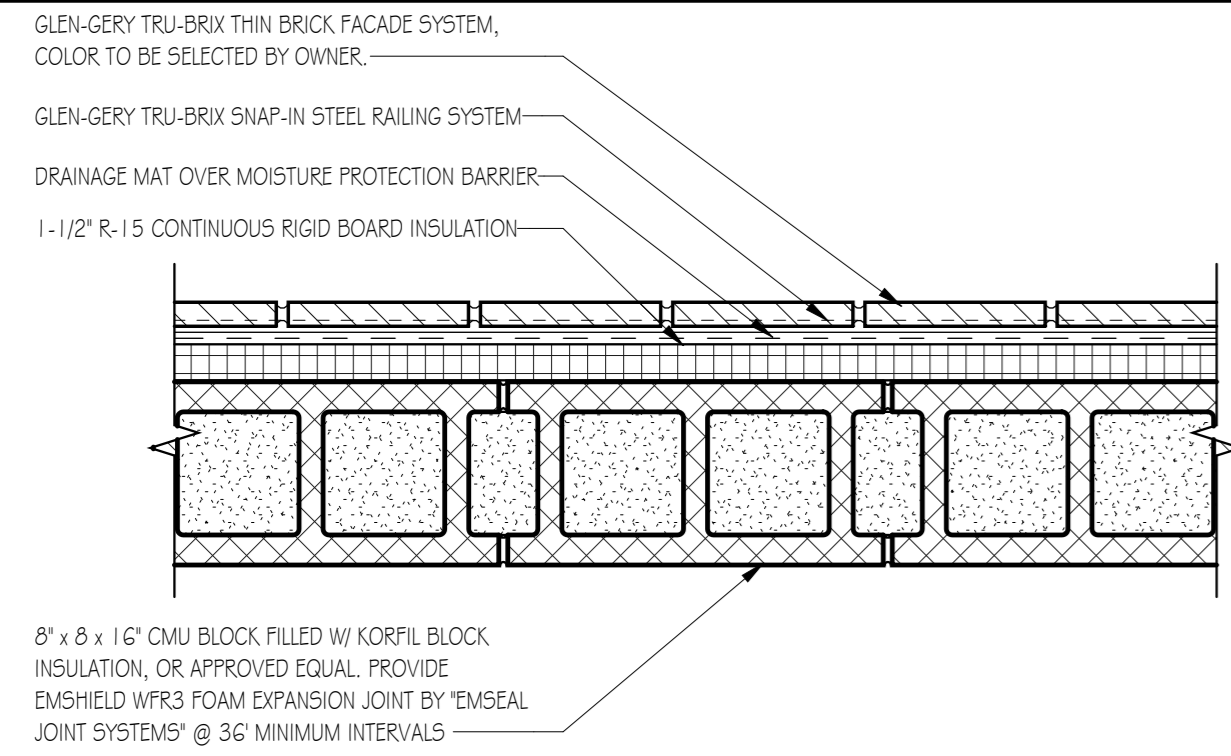
Building Elevations

SCTM#	200-229-3-28.1 & 29.2	BUILDING No.	
SCDHS No.		JM2 No.	2021-0542
PLANNING No.		DATE	09/16/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	3/16" = 1'-0"
		DWG No.	



A4.1

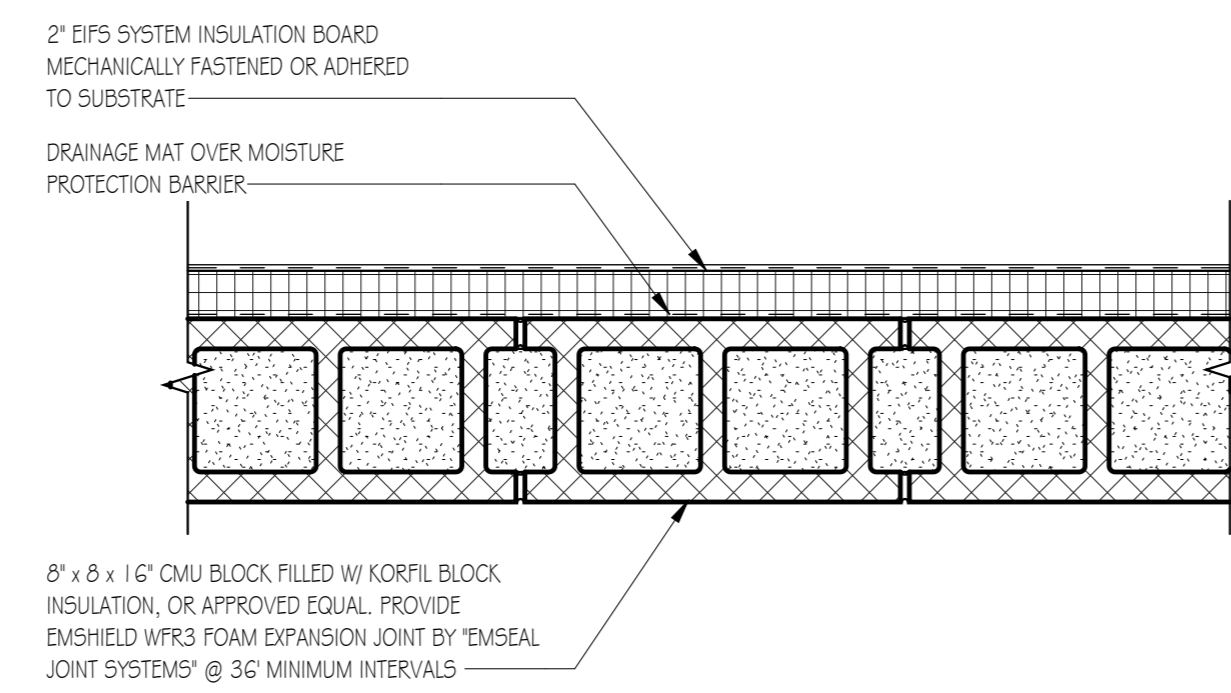
EXTERIOR WALL TYPES



WALL TYPE: 4A

- EXTERIOR MASONRY WALLS ONLY
- ACOUSTICAL SEALANT ALONG BASE
- SEE FINISH SCHEDULE FOR FINISHES
- PROVIDE BOND BEAM AT +1'-2" ABOVE FINISHED FLOOR AND ABOVE EACH OPENING
- CELLS SHALL BE FILLED W/ KORFIL BLOCK INSULATION
- PROVIDE EXPANSION JOINTS AND MASONRY ACTIONS AND TIES WHERE SPECIFIED

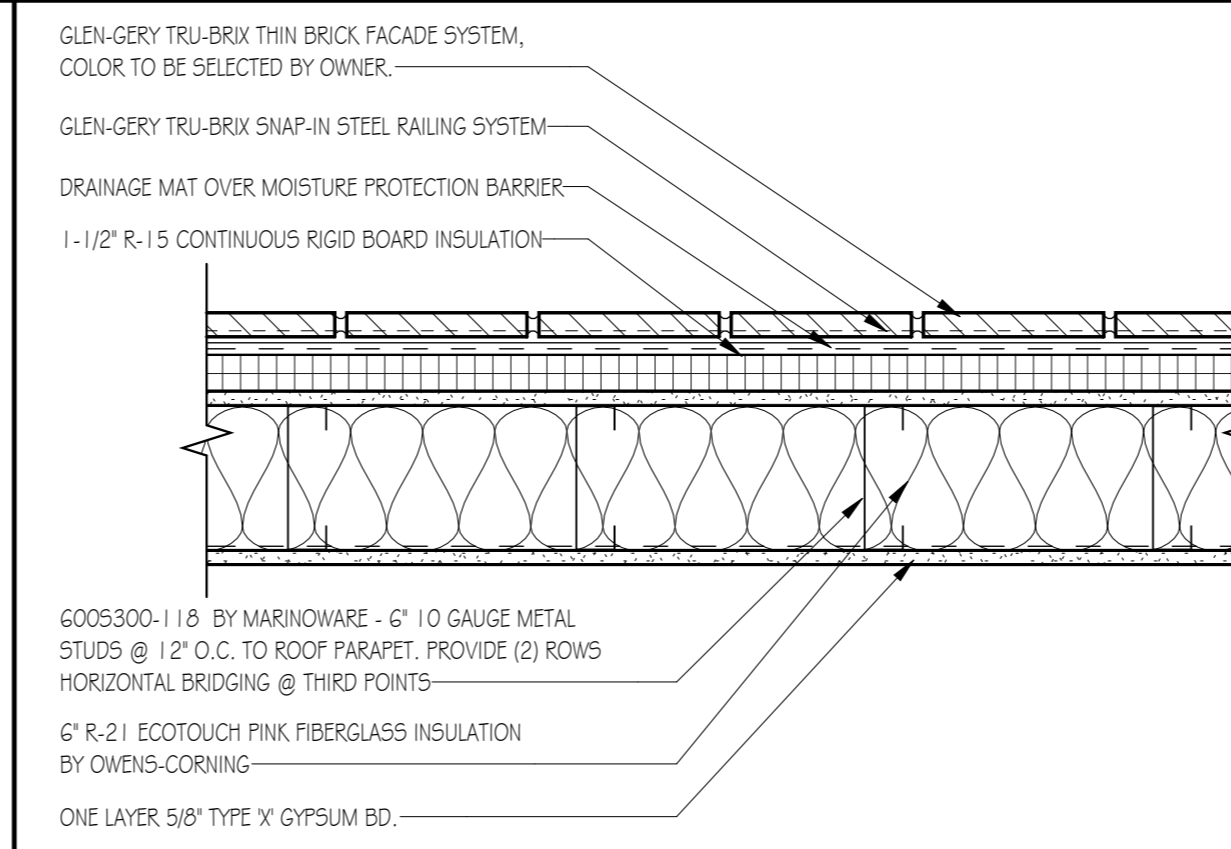
4A EXTERIOR CMU BLOCK W/ THINSET ASSEMBLY



WALL TYPE: 4B

- EXTERIOR MASONRY WALLS ONLY
- ACOUSTICAL SEALANT ALONG BASE
- PROVIDE BOND BEAM AT +1'-2" ABOVE FINISHED FLOOR AND ABOVE EACH OPENING
- CELLS SHALL BE FILLED W/ KORFIL BLOCK INSULATION
- PROVIDE EXPANSION JOINTS AND MASONRY ACTIONS AND TIES WHERE SPECIFIED

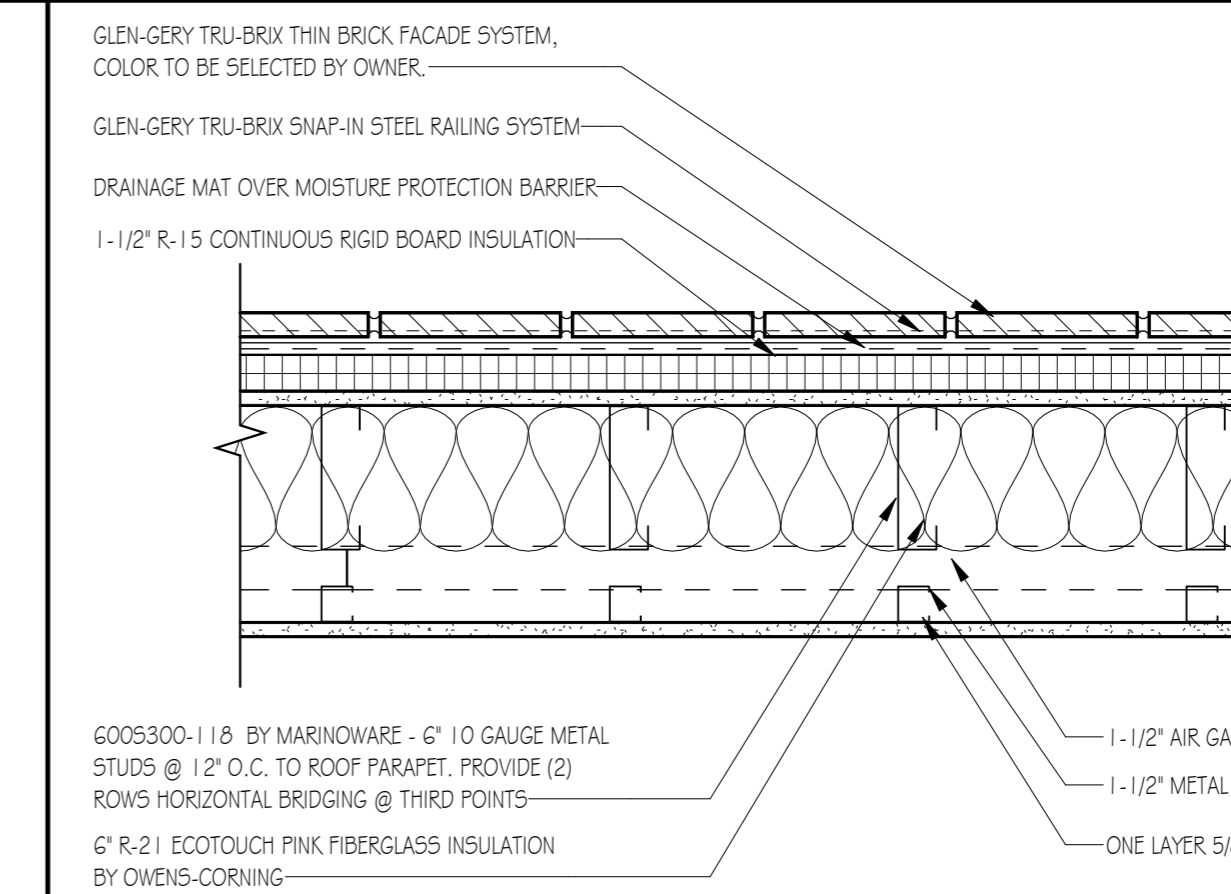
4B EXTERIOR CMU BLOCK W/ EIFS ASSEMBLY



WALL TYPE: 5A

- EXTERIOR STUD WALLS ONLY
- ACOUSTICAL SEALANT ALONG BASE
- STEEL STUDS AND RUNNERS TO BE 1/2" GA. UNLESS OTHERWISE NOTED.
- PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
- STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
- SEE FINISH SCHEDULE FOR FINISHES

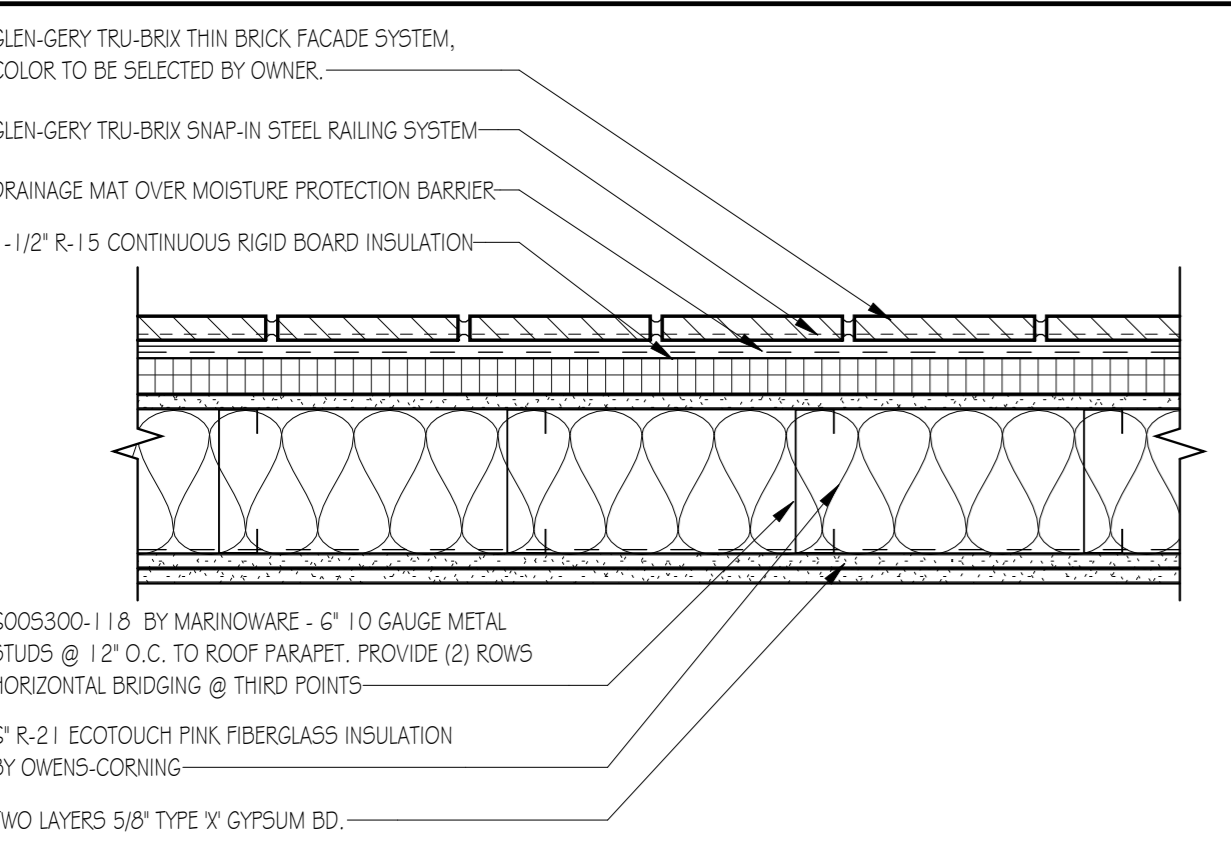
5A EXTERIOR STUD WALL W/ THINSET ASSEMBLY



WALL TYPE: 5B

- EXTERIOR STUD WALLS ONLY
- ACOUSTICAL SEALANT ALONG BASE
- STEEL STUDS AND RUNNERS TO BE 1/2" GA. UNLESS OTHERWISE NOTED.
- PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
- STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
- SEE FINISH SCHEDULE FOR FINISHES

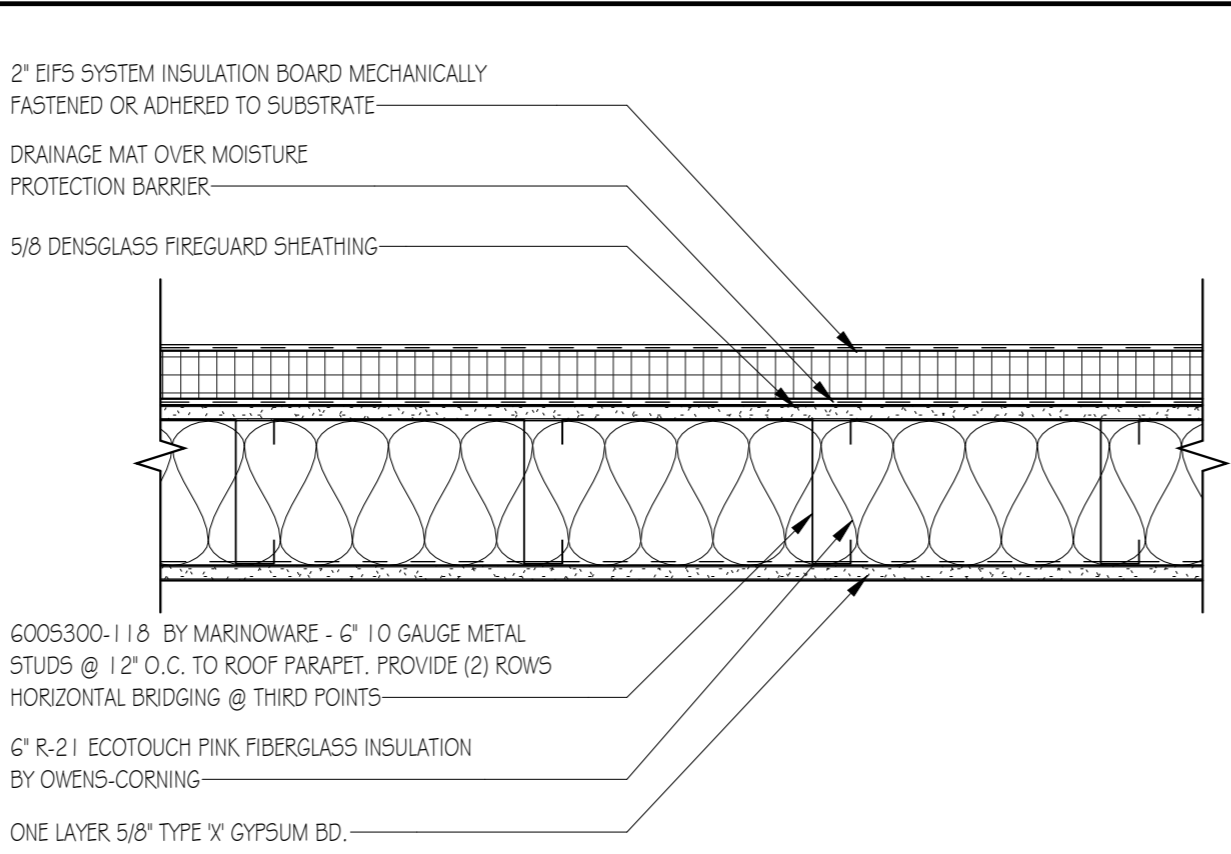
5B EXTERIOR STUD WALL W/ THINSET ASSEMBLY



WALL TYPE: 5C

- EXTERIOR STUD WALLS ONLY
- ACOUSTICAL SEALANT ALONG BASE
- STEEL STUDS AND RUNNERS TO BE 1/2" GA. UNLESS OTHERWISE NOTED.
- PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
- STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
- SEE FINISH SCHEDULE FOR FINISHES

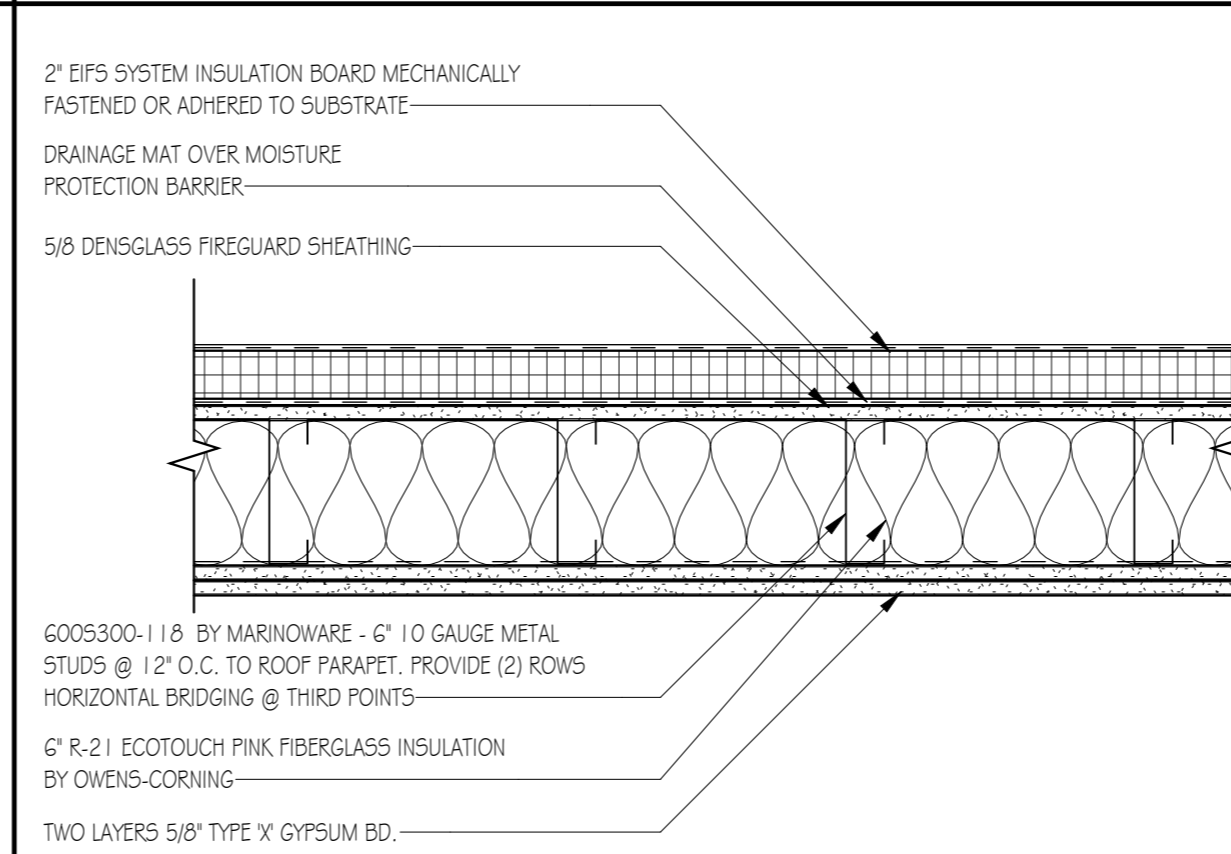
5C EXTERIOR STUD WALL W/ THINSET ASSEMBLY



WALL TYPE: 5D

- EXTERIOR STUD WALLS ONLY
- ACOUSTICAL SEALANT ALONG BASE
- STEEL STUDS AND RUNNERS TO BE 1/2" GA. UNLESS OTHERWISE NOTED.
- PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
- STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
- SEE FINISH SCHEDULE FOR FINISHES

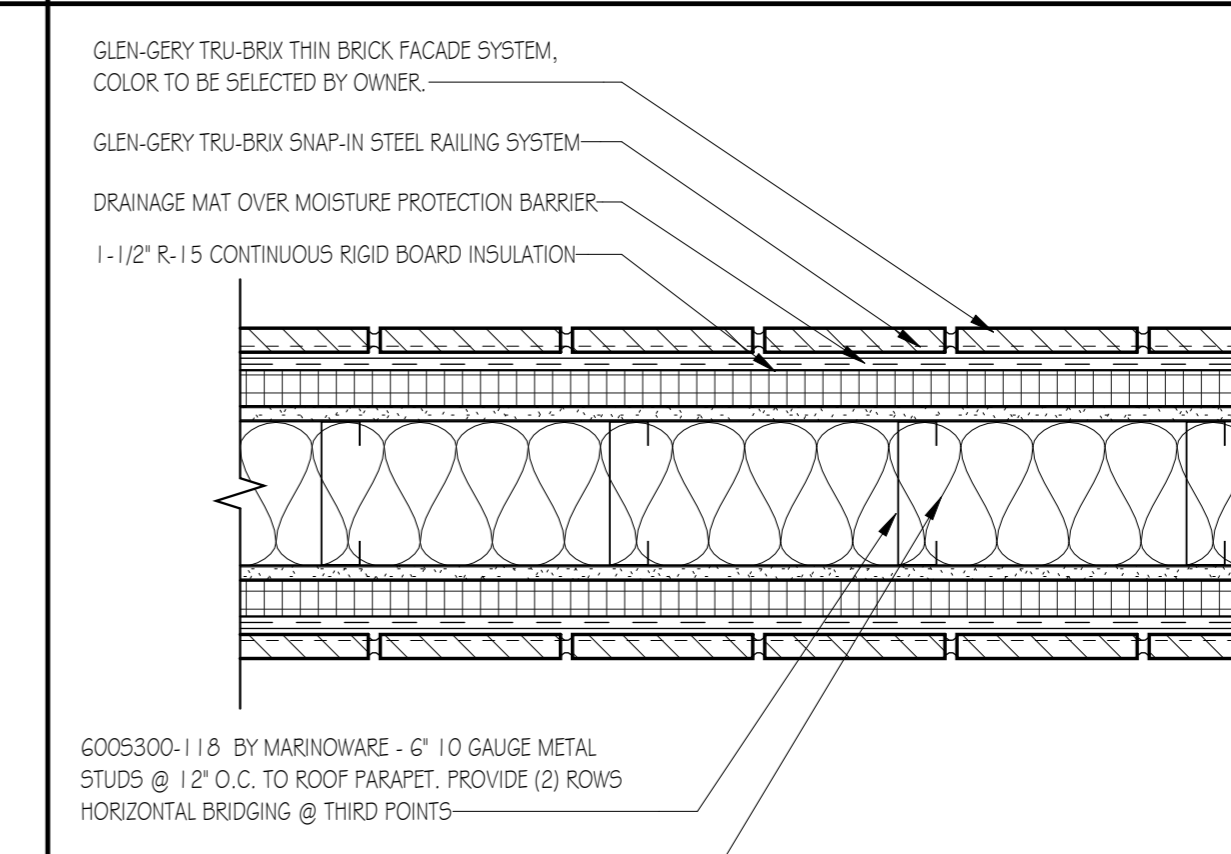
5D EXTERIOR STUD WALL W/ EIFS ASSEMBLY



WALL TYPE: 5E

- EXTERIOR STUD WALLS ONLY
- ACOUSTICAL SEALANT ALONG BASE
- STEEL STUDS AND RUNNERS TO BE 1/2" GA. UNLESS OTHERWISE NOTED.
- PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
- STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
- SEE FINISH SCHEDULE FOR FINISHES

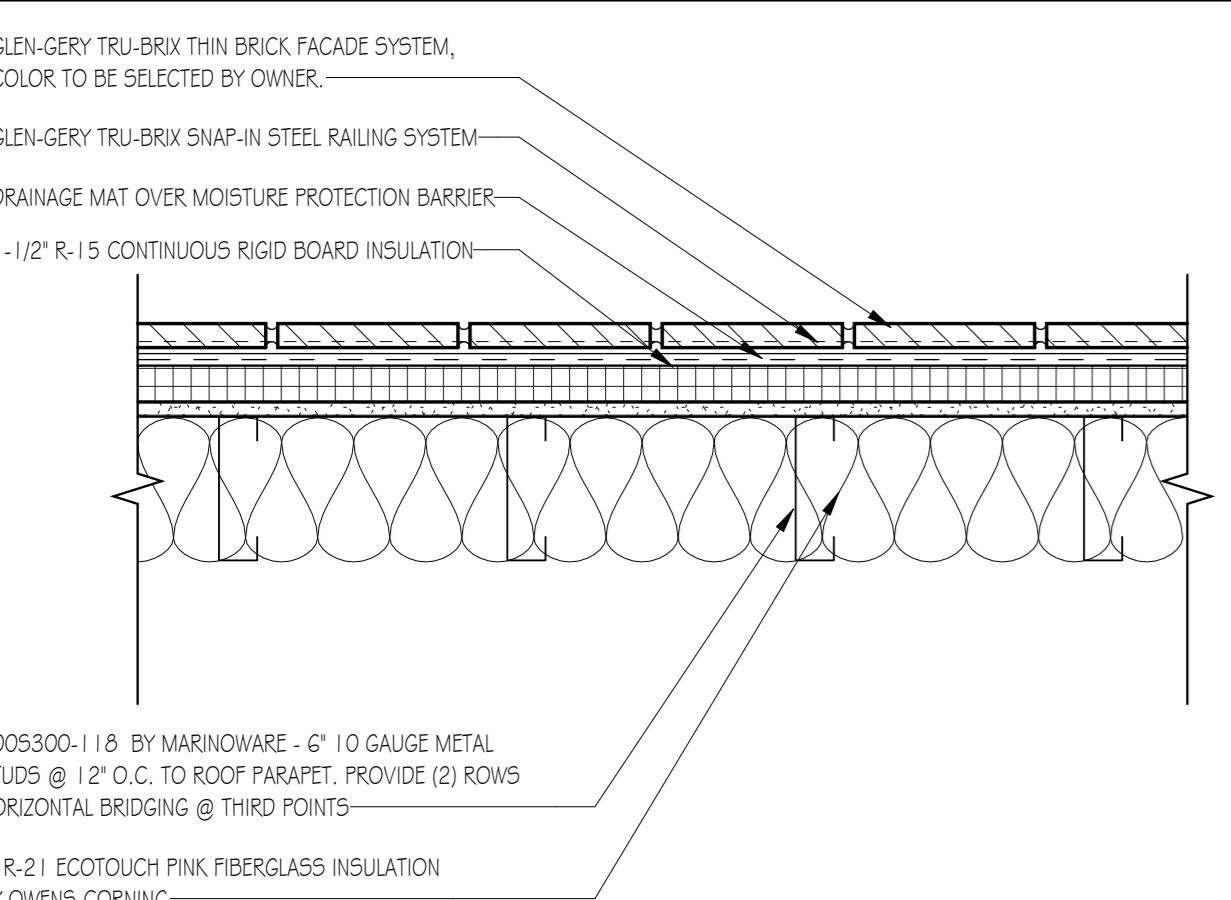
5E EXTERIOR STUD WALL W/ EIFS ASSEMBLY



WALL TYPE: 6

- EXTERIOR STUD WALLS ONLY
- STEEL STUDS AND RUNNERS TO BE 1/2" GA. UNLESS OTHERWISE NOTED.
- PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM

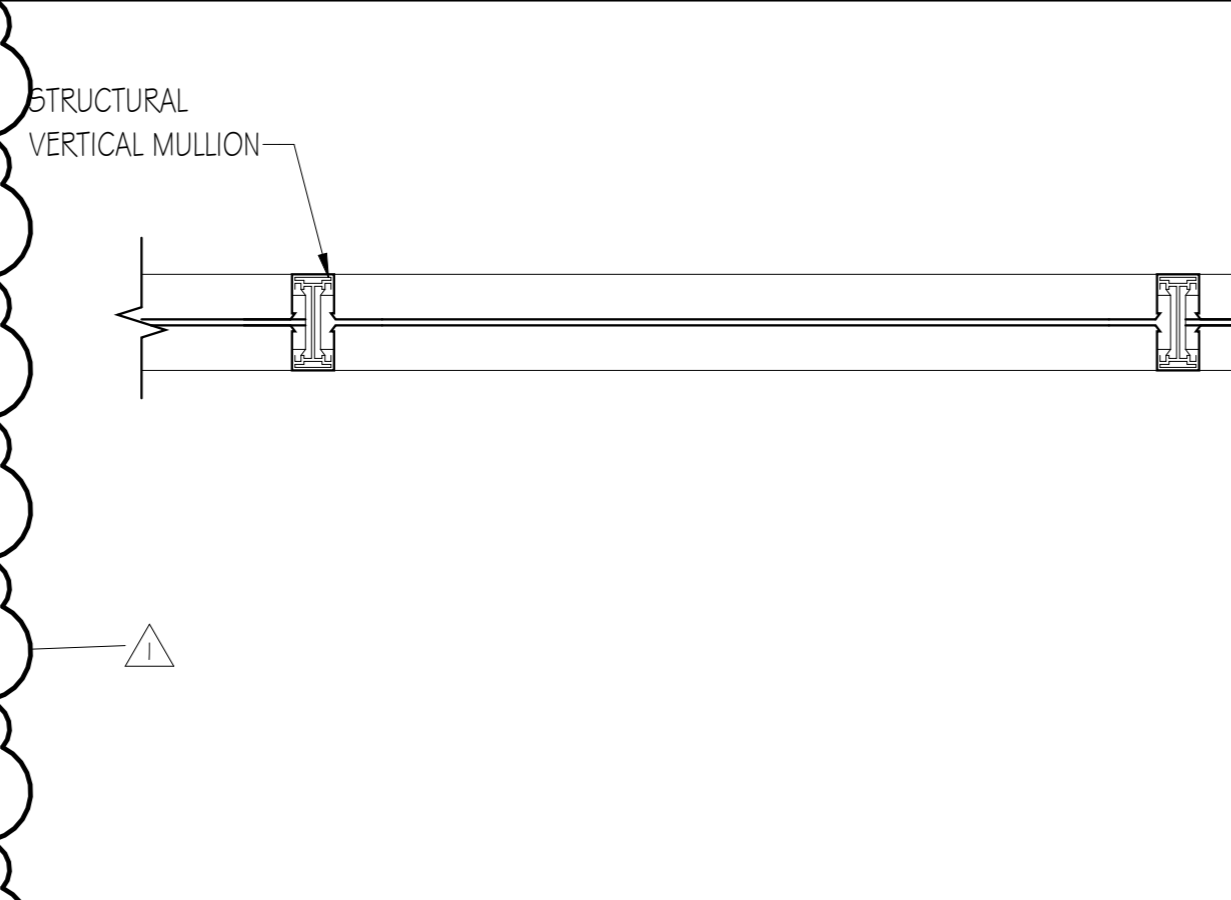
6A EXTERIOR STUD WALL W/ THINSET ASSEMBLY



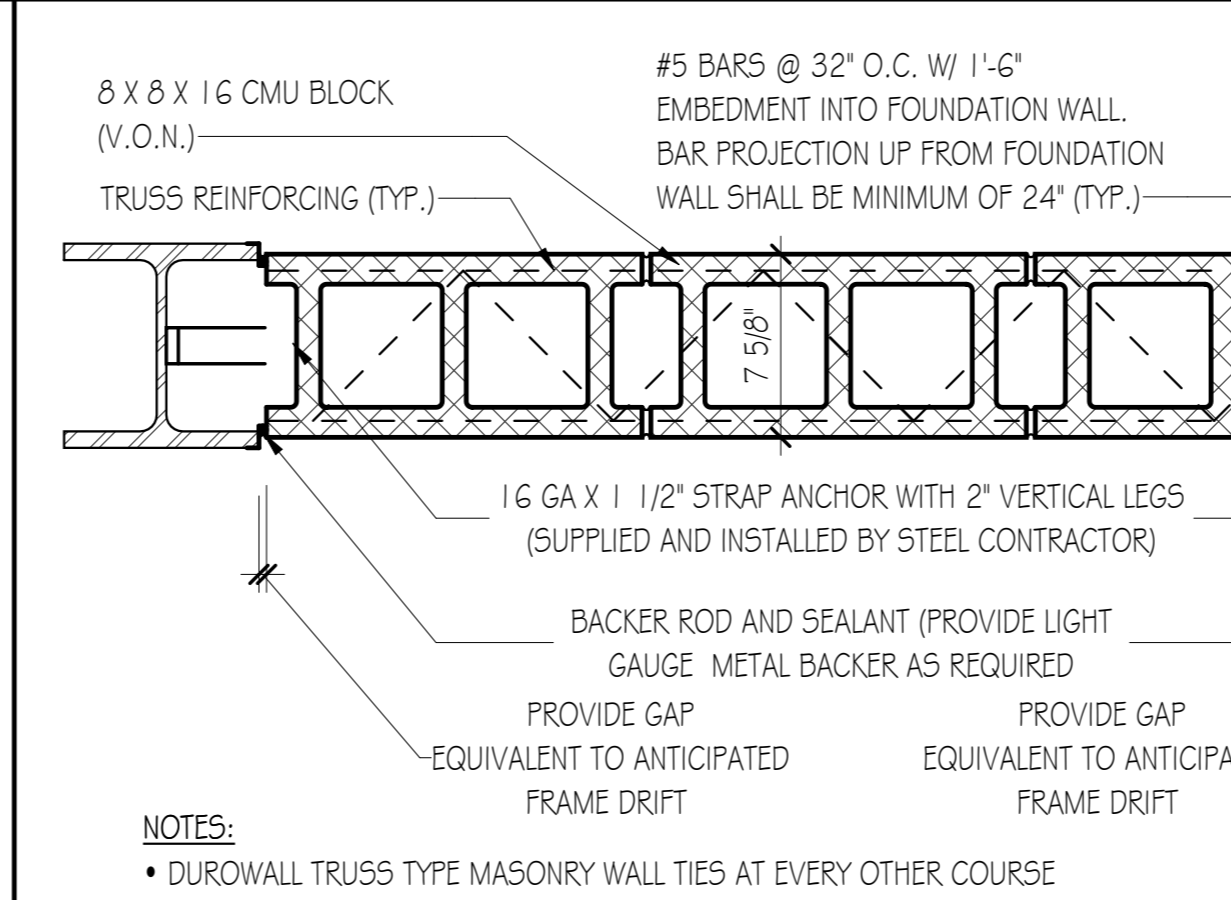
WALL TYPE: 6B

- EXTERIOR STUD WALLS ONLY
- STEEL STUDS AND RUNNERS TO BE 1/2" GA. UNLESS OTHERWISE NOTED.
- PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM

6B COLUMN WRAP EXTERIOR STUD WALL W/ THINSET ASSEMBLY



7 EXTERIOR GLAZING SYSTEM



A TYPICAL MASONRY TO COLUMN DETAIL

- NOTES:
- DUROWALL TRUSS TYPE MASONRY WALL TIES AT EVERY OTHER COURSE
 - TERMINATE WALL AT BOTTOM OF DECK
 - SEE FINISH SCHEDULE FOR FINISHES
- NOTE: MASONRY TIES SHALL BE IN ACCORDANCE WITH 2020 NYS BUILDING CODE SECTION 2104.1.3

Architect of Record:

JM2 ARCHITECTURE, PC
2410 NORTH OCEAN AVENUE
SUITE 300
FARMINGVILLE, NY 11736
T | 631.320.3305 F | 631.320.3307

Applicant:
MRK Stony Brook, Inc.
1671-1 Route 112
Coram, NY 11727

Architect of Record:
JM2 Architecture, PC
2410 North Ocean Ave. Suite 300
Farmingville, NY 11736
631-320-3305

Structural Engineer:

MEP Engineer:
AMM Engineering
31 W. Main St. Suite 216
Patchogue, NY 11772

Surveyor:
Schnopf & Murrell, P.C. Land Surveyors
126 Main Street
Sayville, NY 11782

Project Name
WPP BLDG 7

Project Address
1671-1 Route 112,
Coram, NY 11727

Project Type
New Construction

Revisions

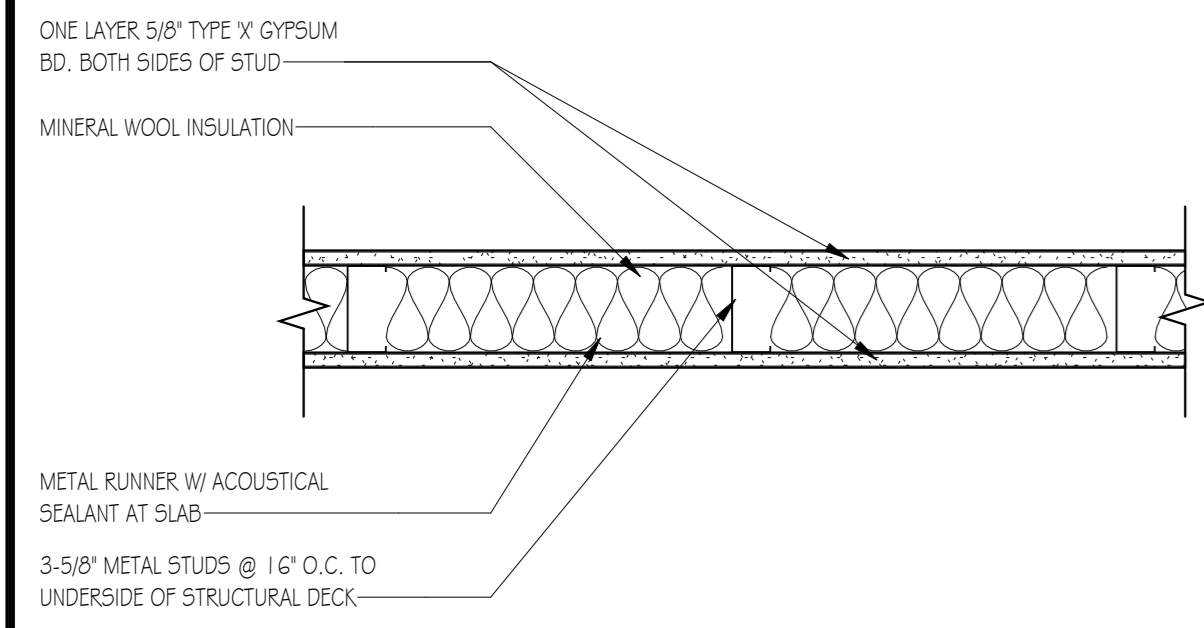
Prelim - Issued for review	
Prelim - Issued to Steel Fabricator	09/10/22
Prelim - Reissued to Steel Fabricator	06/30/2022
Prelim - Issued to MEP Consultant	07/08/2022
REVISIONS PER OWNER COMMENTS	09/16/2024
MINOR REVISIONS PER OWNERS COMMENTS	10/03/2024

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Drawing Title
Exterior Wall Types & Details

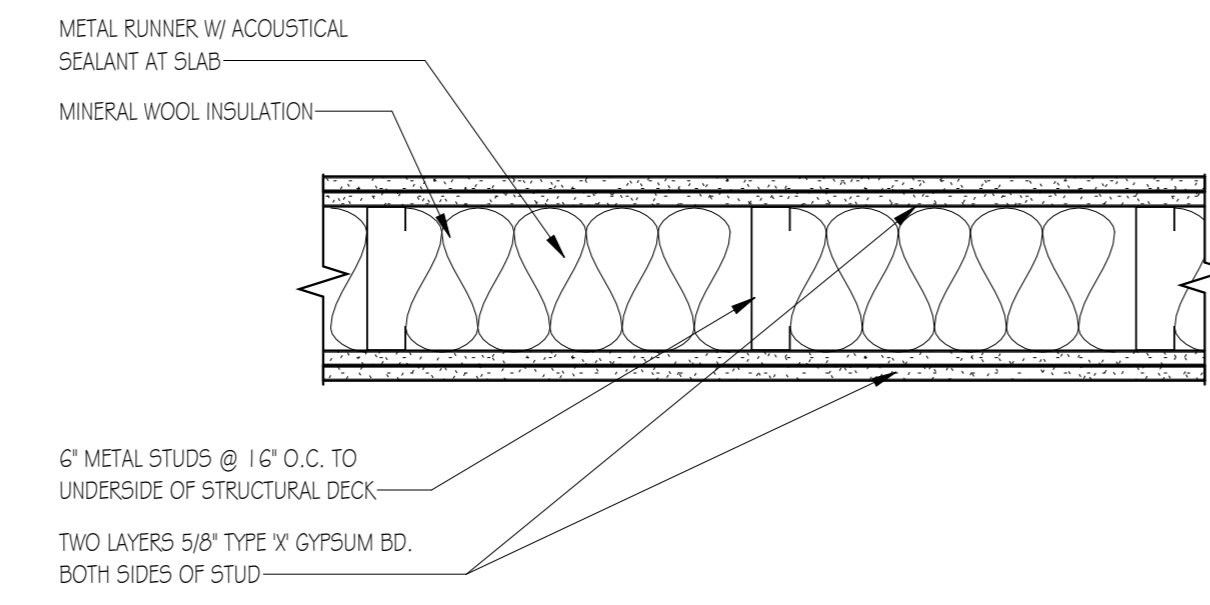
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SCDMS No.:	JM2 No: 2021-0542
PLANNING No:	DATE: 09/16/24
SEAL & SIGNATURE:	DESIGNED BY: TF
	CHECKED BY: JM
	SCALE: 1/2" = 1'-0"
	DWG No: A5.0

INTERIOR WALL TYPES



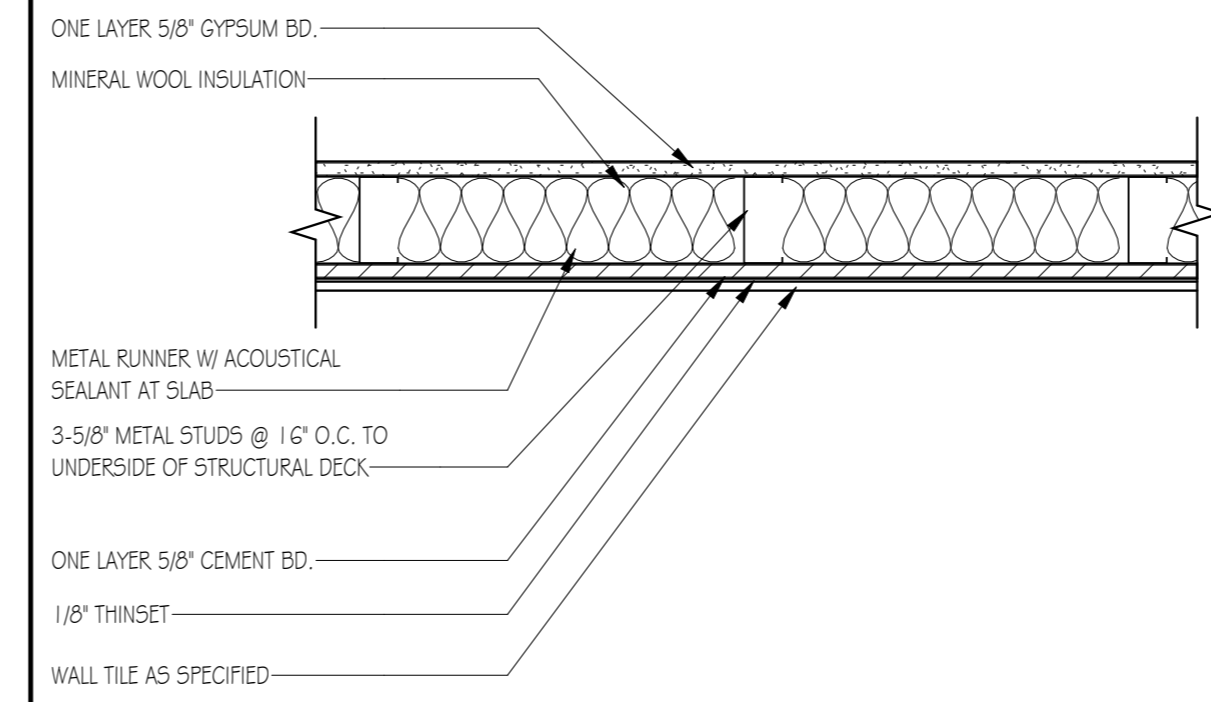
- WALL TYPE: 1A**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - TERMINATE WALL AT BOTTOM OF DECK. PROVIDE CELL CLOSURE AND SEALANT BOTH SIDES

1A 1 HOUR RATED ASSEMBLY
UL: U419



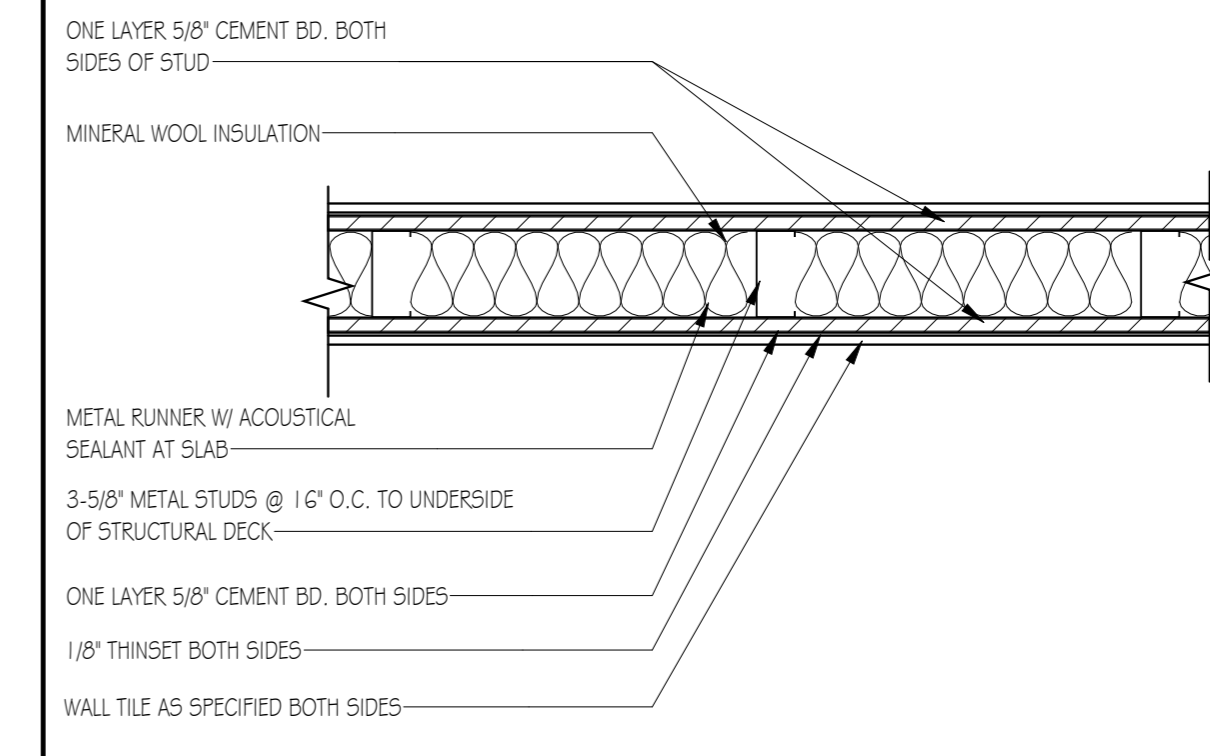
- WALL TYPE: 1B**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE AND AT ALL JOINTS
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - TERMINATE WALL AT BOTTOM OF DECK. PROVIDE CELL CLOSURE AND SEALANT BOTH SIDES

1B 2 HOUR RATED ASSEMBLY
UL: U419



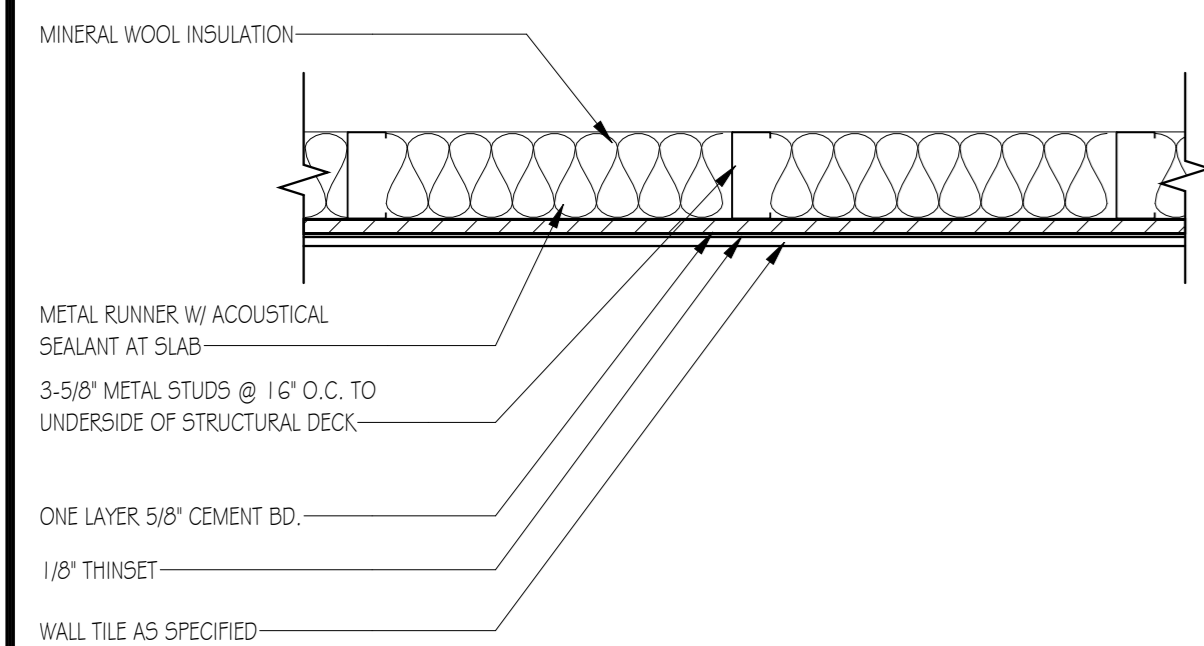
- WALL TYPE: 1C**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - TERMINATE WALL AT BOTTOM OF DECK. PROVIDE CELL CLOSURE AND SEALANT BOTH SIDES

1C TILED INTERIOR PARTITION



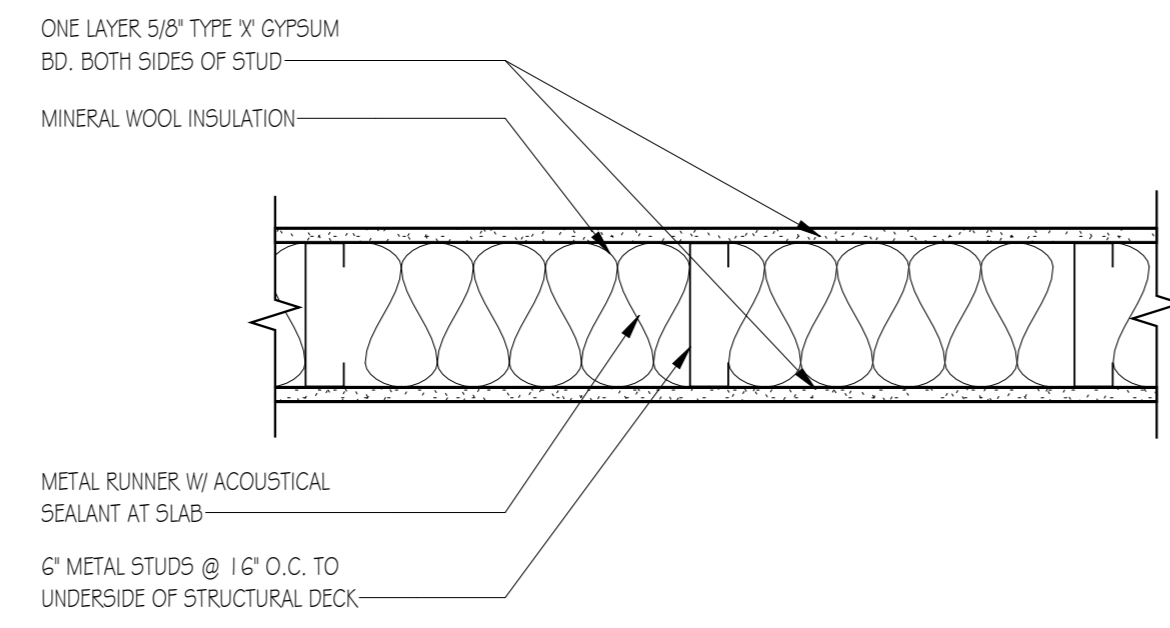
- WALL TYPE: 1D**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - TERMINATE WALL AT BOTTOM OF DECK. PROVIDE CELL CLOSURE AND SEALANT BOTH SIDES

1D TILED INTERIOR PARTITION



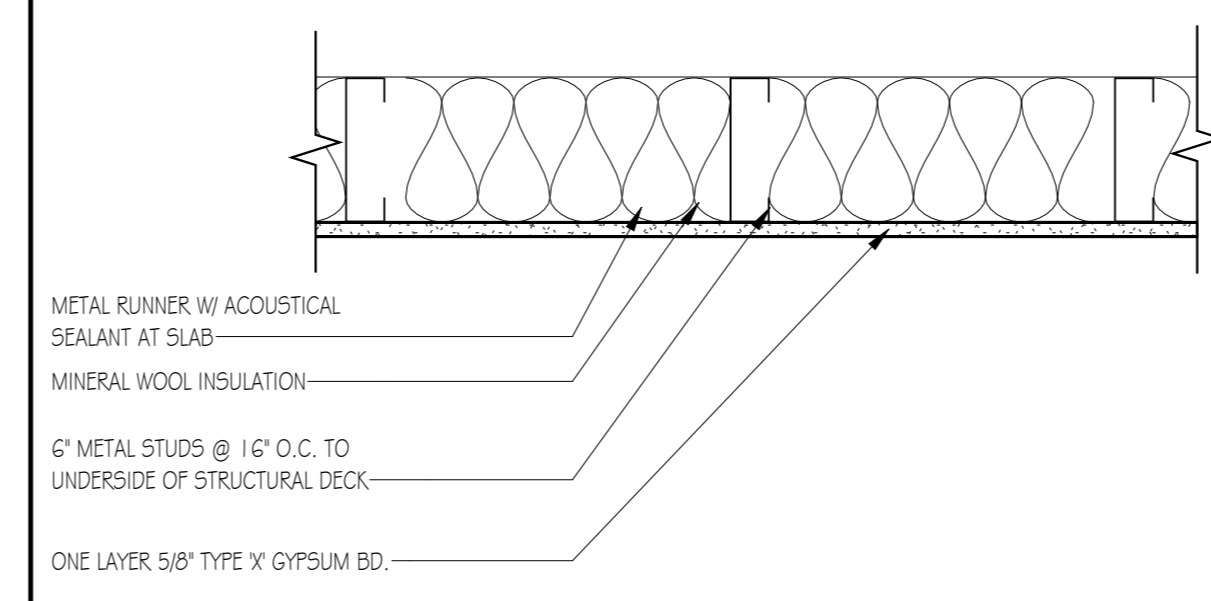
- WALL TYPE: 1E**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - TERMINATE WALL AT BOTTOM OF DECK. PROVIDE CELL CLOSURE AND SEALANT BOTH SIDES

1E TILED INTERIOR PARTITION



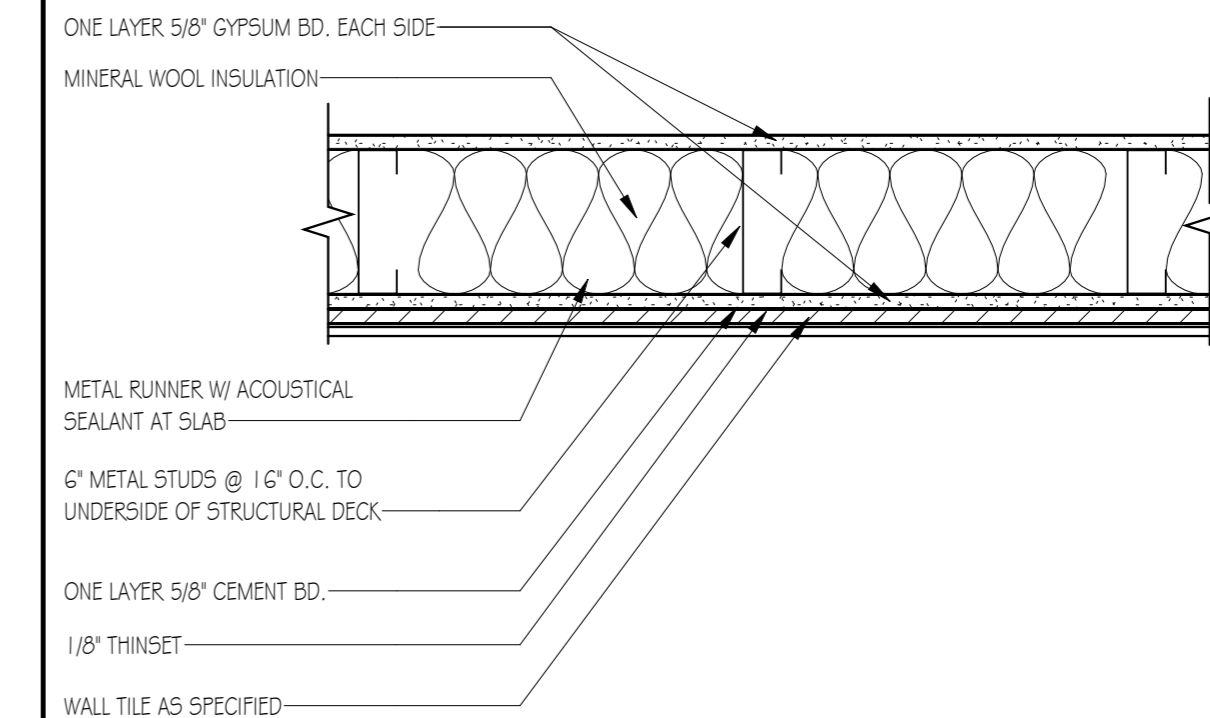
- WALL TYPE: 2A**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - TERMINATE WALL AT BOTTOM OF DECK. PROVIDE CELL CLOSURE AND SEALANT BOTH SIDES

2A 1 HOUR RATED ASSEMBLY



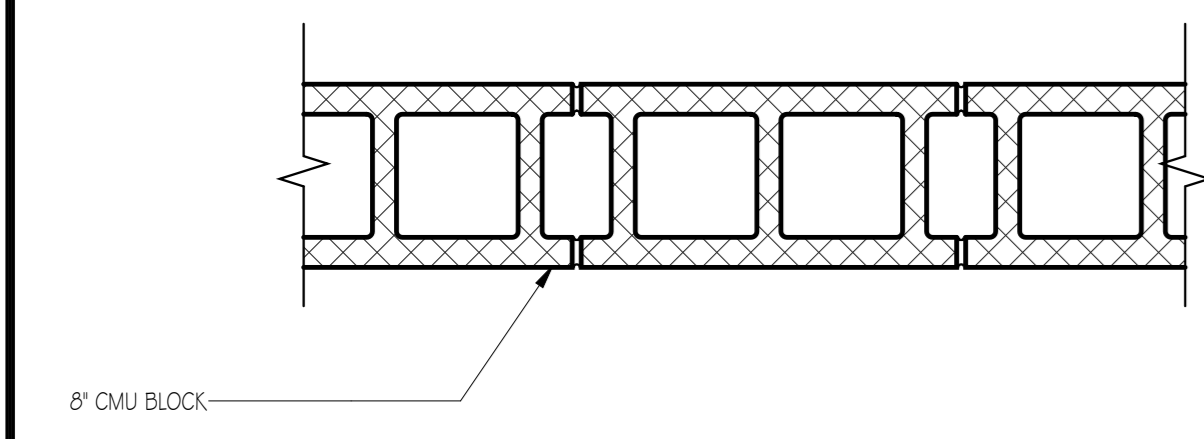
- WALL TYPE: 2B**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - TERMINATE WALL AT BOTTOM OF DECK. PROVIDE CELL CLOSURE AND SEALANT BOTH SIDES

2B INTERIOR PARTITION



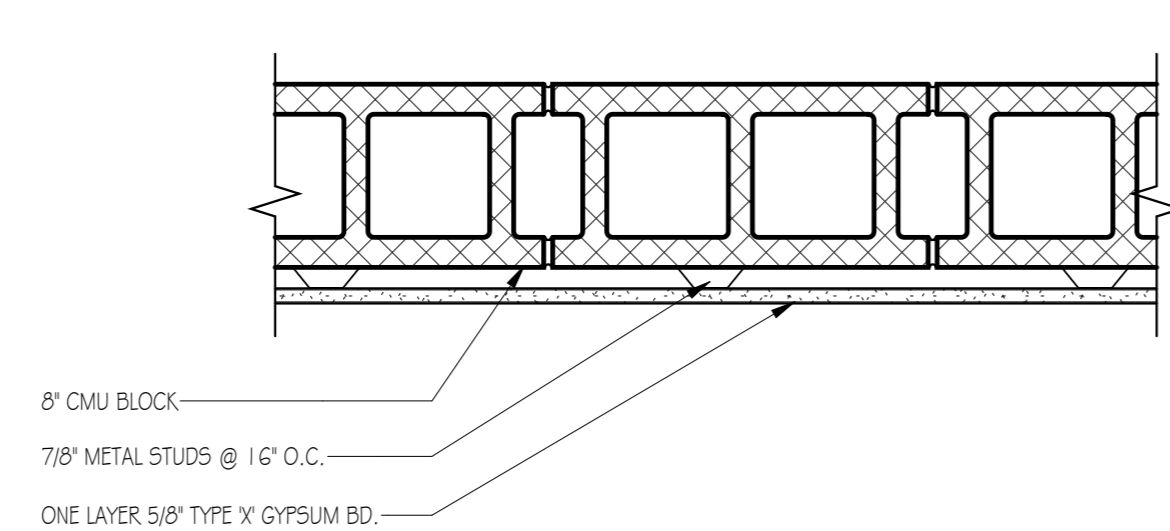
- WALL TYPE: 2C**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - PARTITIONS SHALL HAVE METAL RUNNERS AT THE TOP AND BOTTOM
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - TERMINATE WALL AT BOTTOM OF DECK. PROVIDE CELL CLOSURE AND SEALANT BOTH SIDES

2C 1 HOUR RATED TILED INTERIOR PARTITION



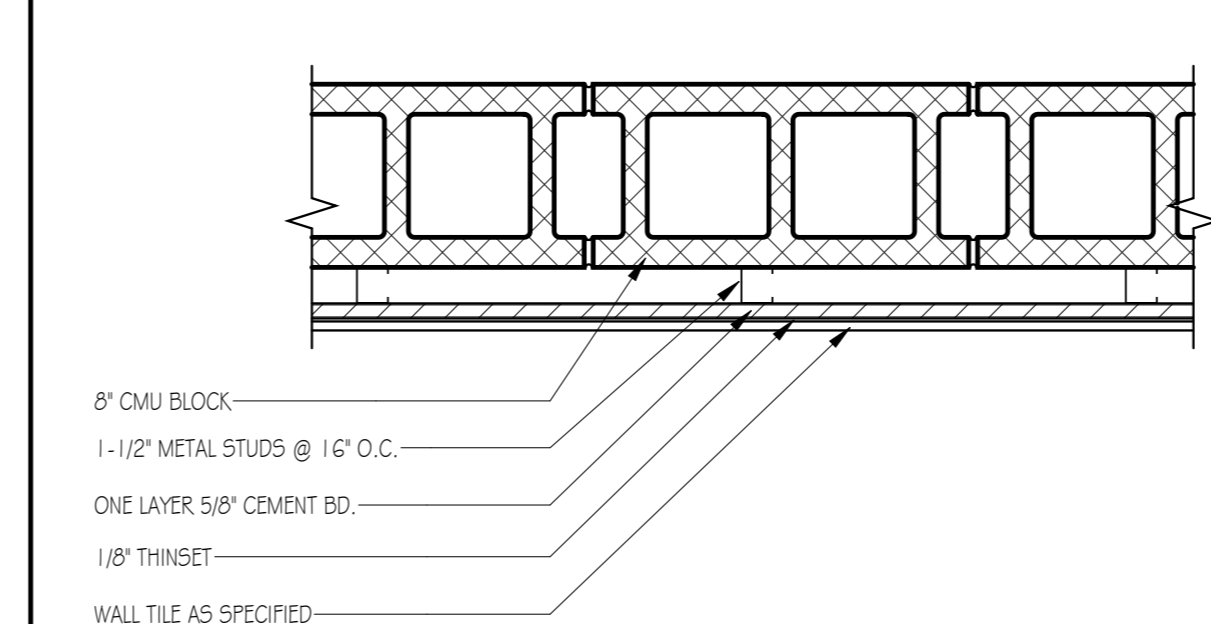
- WALL TYPE: 3A**
- INTERIOR PARTITIONS ONLY
 - SEE FINISH SCHEDULE FOR FINISHES
 - PROVIDE BOND BEAM AT +12'-0" ABOVE FINISHED FLOOR AND ABOVE EACH WINDOW

3A INTERIOR 8" CMU BLOCK PARTITION



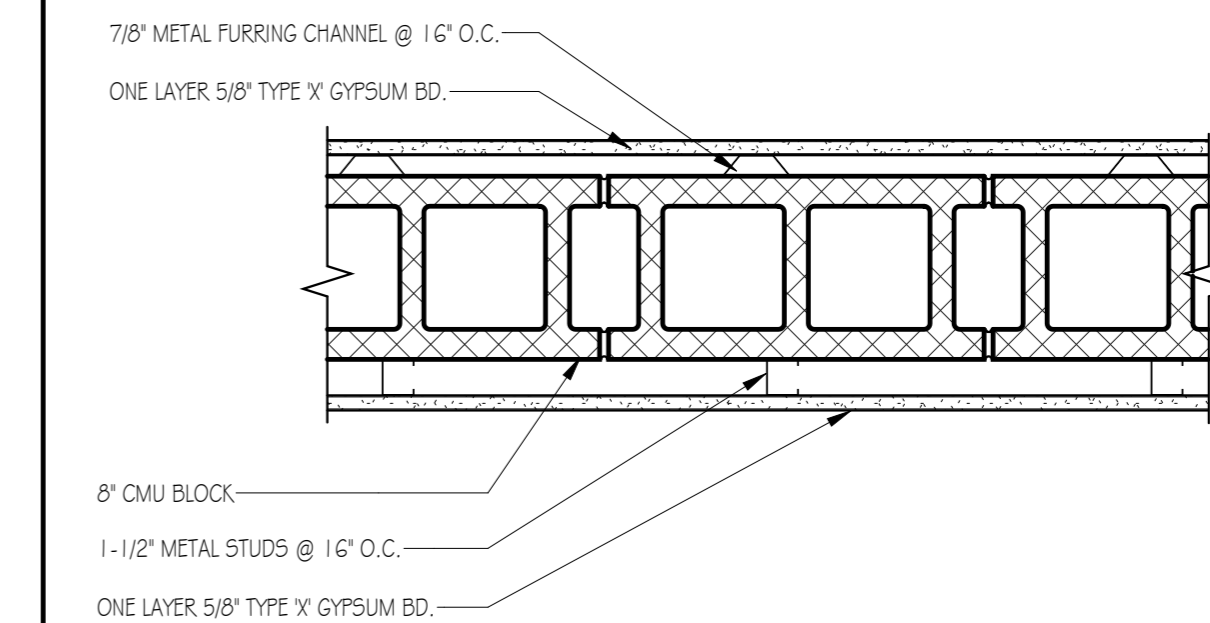
- WALL TYPE: 3B**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - PROVIDE BOND BEAM AT +12'-0" ABOVE FINISHED FLOOR AND ABOVE EACH WINDOW

3B INTERIOR 8" CMU BLOCK PARTITION



- WALL TYPE: 3C**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - PROVIDE BOND BEAM AT +12'-0" ABOVE FINISHED FLOOR AND ABOVE EACH WINDOW

3C INTERIOR 8" CMU BLOCK PARTITION



- WALL TYPE: 3D & 3E**
- INTERIOR PARTITIONS ONLY
 - ACOUSTICAL SEALANT ALONG BASE
 - STEEL STUDS AND RUNNERS TO BE 20 GA. UNLESS OTHERWISE NOTED.
 - STUDS SHALL BE SPACED @ 12" O.C. AT WALL HUNG SIGNAGE, CABINETS & ELECTRICAL PANELS
 - TOILET ROOM PARTITIONS SHALL BE SHEATHED WITH MOISTURE RESISTANT CEMENT BD.
 - SEE FINISH SCHEDULE FOR FINISHES
 - PROVIDE BOND BEAM AT +12'-0" ABOVE FINISHED FLOOR AND ABOVE EACH WINDOW
 - WALL TYPE 3D, PROVIDE 7/8" METAL FURRING CHANNEL & 5/8" GYP. BD. ON STAR SIDE (1-SIDE)
 - WALL TYPE 3E, OMIT 7/8" METAL FURRING CHANNEL & 5/8" GYP. BD. (1-SIDE)

3D INTERIOR 8" CMU BLOCK PARTITION

Architect of Record:



JM2 ARCHITECTURE, PC
2410 NORTH OCEAN AVENUE
SUITE 300
FARMINGVILLE, NY 11736
T | 631.320.3305 F | 631.320.3307

Applicant:
MR Stony Brook, Inc.
1671-1 Route 112
Coram, NY 11727

Architect of Record:
JM2 Architecture, PC
2410 North Ocean Ave. Suite 300
Farmingville, NY 11736
631-320-3305

Structural Engineer:

MEP Engineer:
AMM Engineering
31 W. Main St. Suite 216
Patchogue, NY 11772

Surveyor:
Schnepf & Murrell, P.C. Land Surveyors
126 Main Street
Sayville, NY 11782

Project Name

WPP BLDG 7

Project Address

1671-1 Route 112,
Coram, NY 11727

Project Type

New Construction

Revisions

Prelim - Issued for review	06/10/22
Prelim - Issued to Steel Fabricator	06/30/2022
Prelim - Released to Steel Fabricator	07/08/2022
Prelim - Issued to MEP Consultant	08/16/2024
REVISIONS PER OWNER COMMENTS	10/03/2024
MINOR REVISIONS PER OWNERS COMMENTS	

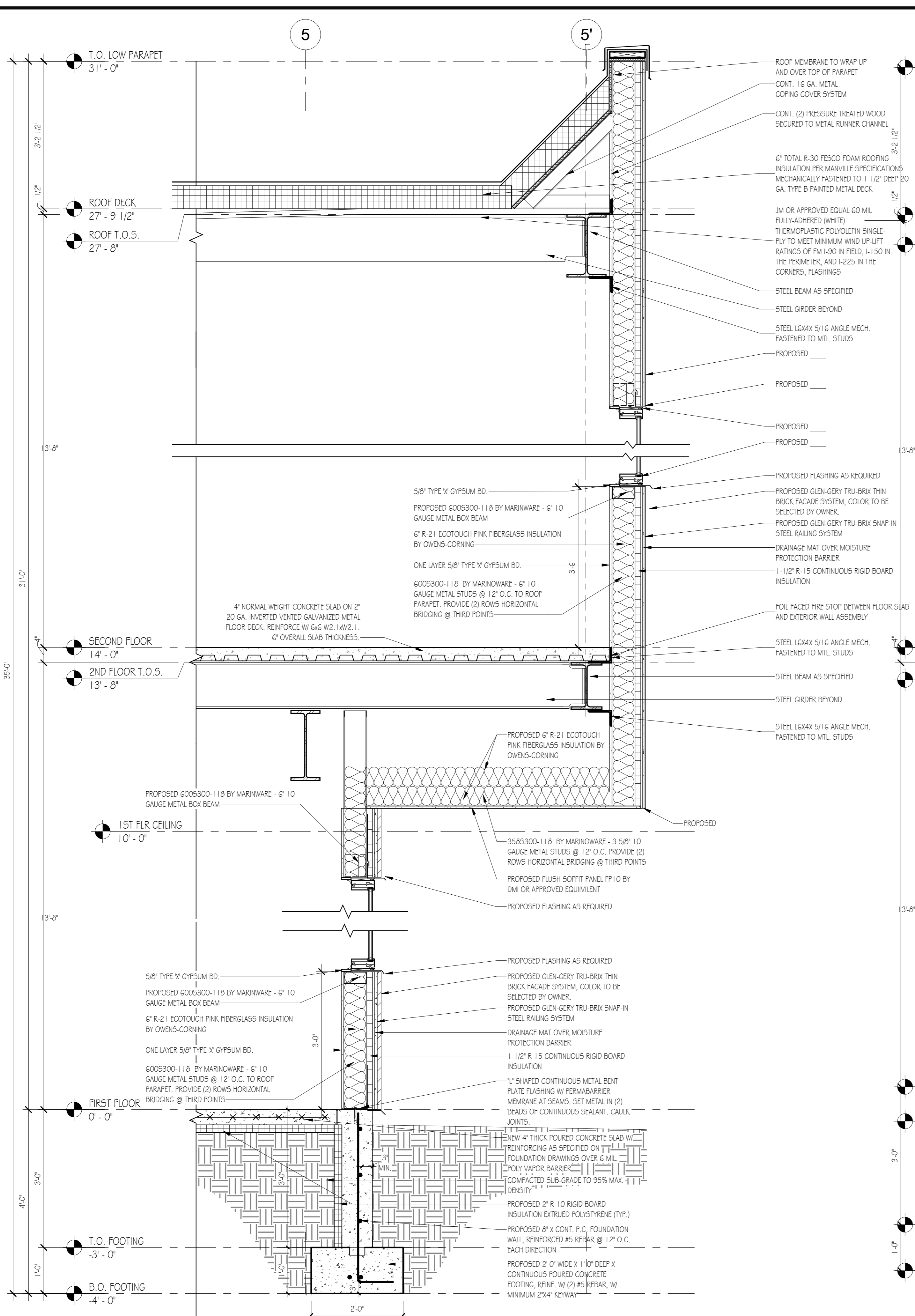
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Drawing Title

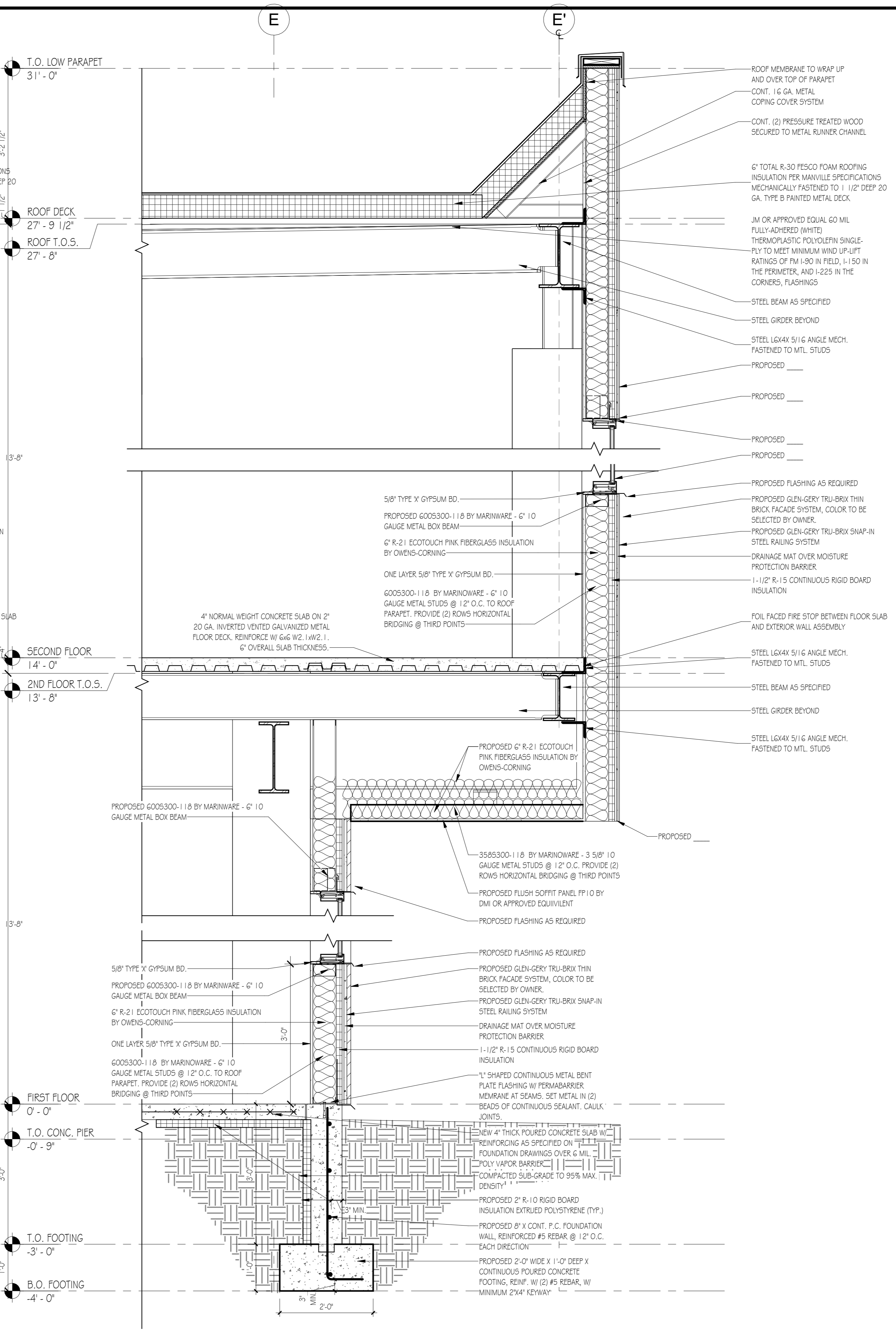
Interior Wall Types &
Details

SCTM#	200-229-3-2B.1 & 29.2	BUILDING No:	
SCDHS No.:		JM2 No.:	2021-0542
PLANNING No.:		DATE:	08/16/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	1/2" = 1'-0"
		DWG No.:	A5.1





WALL SECTION
3
3/4" = 1'-0"
A6.1



WALL SECTION
4
3/4" = 1'-0"
A6.1



JM2 ARCHITECTURE, PC
2410 NORTH OCEAN AVENUE
SUITE 300
FARMINGVILLE, NY, 11738
T | 631.320.3305 F | 631.320.3307

Applicant:
MKR Stony Brook, Inc.
1671-1 Route 112
Coram, NY 11727

Architect of Record:
JM2 Architecture, PC
2410 North Ocean Ave. Suite 300
Farmingville, NY 11738
631-320-3305

Structural Engineer:

MEP Engineer:
AMM Engineering
31 W. Main St. Suite 216
Patchogue, NY 11772

Surveyor:
Schneft & Murrell, P.C. Land Surveyors
126 Main Street
Sayville, NY 11782

Project Name
WPP BLDG 7

Project Address
**1671-1 Route 112,
Coram, NY 11727**

Project Type
New Construction

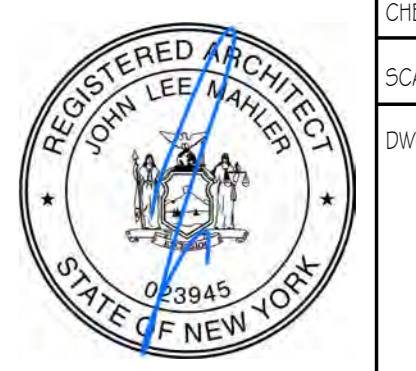
Revisions

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Prelim - Issued to Steel Fabricator	06/10/22
Prelim - Released to Steel Fabricator	06/30/2022
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REVISIONS PER OWNER COMMENTS	08/16/2024
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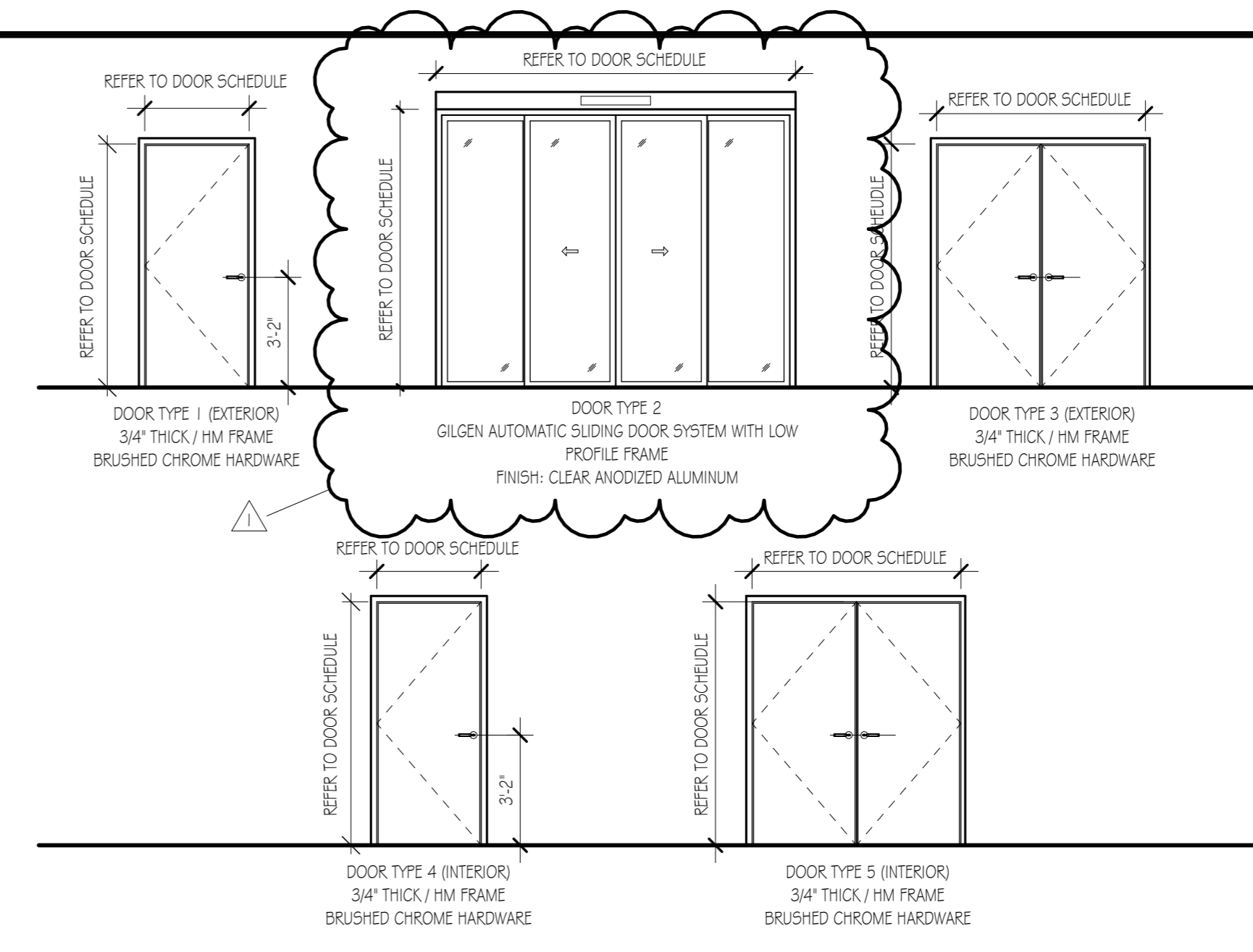
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Drawing Title
Wall Sections

SCDM#	200-229-3-28.1 & 29.2	BUILDING No:	
SCDMS No.:		JM2 No.:	2021-0542
PLANNING No.:		DATE:	10/03/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	3/4" = 1'-0"
		DWG No.:	A6.1



NEW DOOR SCHEDULE										
DOOR NO.	FROM (NAME)	FROM (NUMBER)	TO (NAME)	TO (NUMBER)	DOOR MATERIAL	JAMB TYPE	JAMB MATERIAL	HARDWARE	FIRE RATING	COMMENTS
1A	EXTERIOR	EXTERIOR	STAIR A-A	209	HM		HM	J	90	PROVIDE PANIC HARDWARE
1B	STAIR B-B	1B	EXTERIOR	EXTERIOR	HM		HM	I	90	PROVIDE PANIC HARDWARE
100A	VESTIBULE	100	EXTERIOR	EXTERIOR	GLASS		ALUM	3		PROVIDE PANIC HARDWARE
100B	LOBBY	101	VESTIBULE	100	GLASS		ALUM	3		
101B	OPEN SUITE	102	LOBBY	101	GLASS		ALUM	2		PROVIDE PANIC HARDWARE
102A	OPEN SUITE	102	STAIR B-B	1B	HM		HM	I	90	PROVIDE PANIC HARDWARE
102B	STAIR A-A	209	LOBBY	101	HM		HM	I	90	PROVIDE PANIC HARDWARE
104	F.A. RM	104	EXTERIOR	EXTERIOR	FM		HM	I	45	
107A	OPEN SUITE	102	MACH. ROOM	107A	HM		HM	I		
107B	JANITOR	107B	LOBBY	101	HM		HM	I		
107C	LOBBY	101	ELEC. ROOM	210	HM		HM	I		
201B	OPEN SUITE	207	STAIR B-B	2B	HM		HM	I	90	PROVIDE PANIC HARDWARE
201F	EXTERIOR	EXTERIOR	RPZ / SPRM	208	HM		HM	J	45	
201H	OPEN SUITE	207	STAIR A-A	2A	HM		HM	I	90	PROVIDE PANIC HARDWARE
205	OPEN SUITE	207	UTL. RM	205	HM		HM	I		
206	JANITOR	206	UTL. RM	205	HM		HM	I		
R1										BILCO E-50-TB ROOF ACCESS HATCH



- HARDWARE SET 1:**
- LEVER TYPE HANDLE BY SCHLAGE MODEL M57 (US26D), OR APPROVED EQUAL
 - (3) STANLEY FBB168 4 1/2 x 4 1/2 BALL BEARING BUTT HINGES (US26D), OR APPROVED EQUAL
 - HEAVY DUTY ALUMINUM COMMERCIAL DOOR CLOSER BY SCHLAGE MODEL SC61 (US26D), OR APPROVED EQUAL
 - FALCON 1990/2090 SERIES PANIC HARDWARE (US26D), OR APPROVED EQUAL (WHERE APPLICABLE)

- HARDWARE SET 2 (INTERIOR GLASS):**
- 72" FLOOR LOCKING LADDER PULL BAR BY C.R. LAURENCE CO INC MODEL LLP472B5 (US26D), OR APPROVED EQUAL
 - FLOOR AND TOP RAIL HINGES (US26D), OR APPROVED EQUAL
 - ASSA ABLOY 304 HEAVY DUTY OVERHEAD CONCEALED DOOR CLOSER (US36D), OR APPROVED EQUAL
 - ASSA ABLOY FULL-HEIGHT L PULL (FDU8000-1) PANIC HARDWARE (US36D), OR APPROVED EQUAL, WHERE APPLICABLE

- HARDWARE SET 3 (AUTOMATIC SLIDER):**
- AUTOMATIC LOCKING MECHANISM INTEGRATED IN THE DRIVE CASE
 - MONITORING OF THE DOOR LEAF POSITION AND LOCK STATUS (VDS), E.G. FOR CONNECTION TO AN ALARM SYSTEM

- HARDWARE SET 4 (TOILETROOMS ONLY):**
- FULL TYPE HANDLE ON INTERIOR SIDE BY ASSA ABLOY MODEL AP202 (US26D), OR APPROVED EQUAL
 - PUSH PLATE ON CORRIDOR SIDE BY ASSA ABLOY MODEL ROCKWOOD 71B (US26D) OR APPROVED EQUAL
 - (3) STANLEY FBB168 4 1/2 x 4 1/2 BALL BEARING BUTT HINGES (US26D), OR APPROVED EQUAL
 - HEAVY DUTY ALUMINUM COMMERCIAL DOOR CLOSER BY SCHLAGE MODEL SC61 (US26D), OR APPROVED EQUAL

- NOTES:**
- ALL DOORS REQUIRING SELF-CLOSING DEVICES SHALL BE ADJUSTED TO MAINTAIN 5lbs. MAXIMUM PUSH-PULL FORCE.
 - KNOCK-DOWN FRAMES SHALL NOT BE PERMITTED ON THIS PROJECT.
 - THE MAXIMUM U-FACTOR FOR THE EXTERIOR HOLLOW METAL DOORS SHALL BE 0.29 IN COMPLIANCE WITH SECTION C402 OF THE NYS ENERGY CODE
 - THE MINIMUM R-VALUE FOR THE EXTERIOR HOLLOW METAL DOORS SHALL BE 3.4 IN COMPLIANCE WITH SECTION C402 OF THE NYS ENERGY CODE
 - THE MAXIMUM SHGC VALUE FOR EXTERIOR DOORS SHALL BE 0.40 IN COMPLIANCE WITH SECTION C402 OF THE NYS ENERGY CODE.
 - THE MAXIMUM AIR LEAKAGE RATE FOR ALL THE EXTERIOR DOORS SHALL COMPLY WITH TABLE C402.5.2 OF THE 2015 NYS ENERGY CODE AND TESTED AS PER THE SAME MENTIONED TABLE.
 - ALL DOORS AND FRAMES SHALL RECEIVE A SEMI-GLOSS FINISH



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MEP Engineer:
AMM Engineering
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Surveyor:
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126 Main Street
Sayville, NY 11782

Project Name
WPP BLDG 7

Project Address
**1671-1 Route 112,
Coram, NY 11727**

Project Type
New Construction

Revisions	
Prelim - Issued for review	
Prelim - Issued to Steel Fabricator	06/10/22
Prelim - Reissued to Steel Fabricator	06/30/2022
Prelim - Issued to MEP Consultant	07/08/2022
REVISIONS PER OWNER COMMENTS	09/16/2024
MINOR REVISIONS PER OWNERS COMMENTS	10/03/2024

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Drawing Title

Door Schedule & Details

SCTM#	200-229-3-2B.1 & 29.2	BUILDING No:	
SCDHS No.:		JM2 No.:	2021-0542
PLANNING No.:		DATE:	09/16/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	1/4" = 1'-0"
		DWG No.:	A7.0



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Project Type

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Revisions

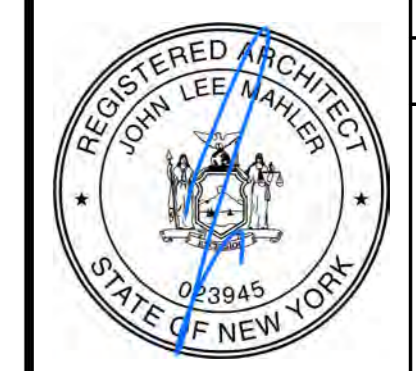
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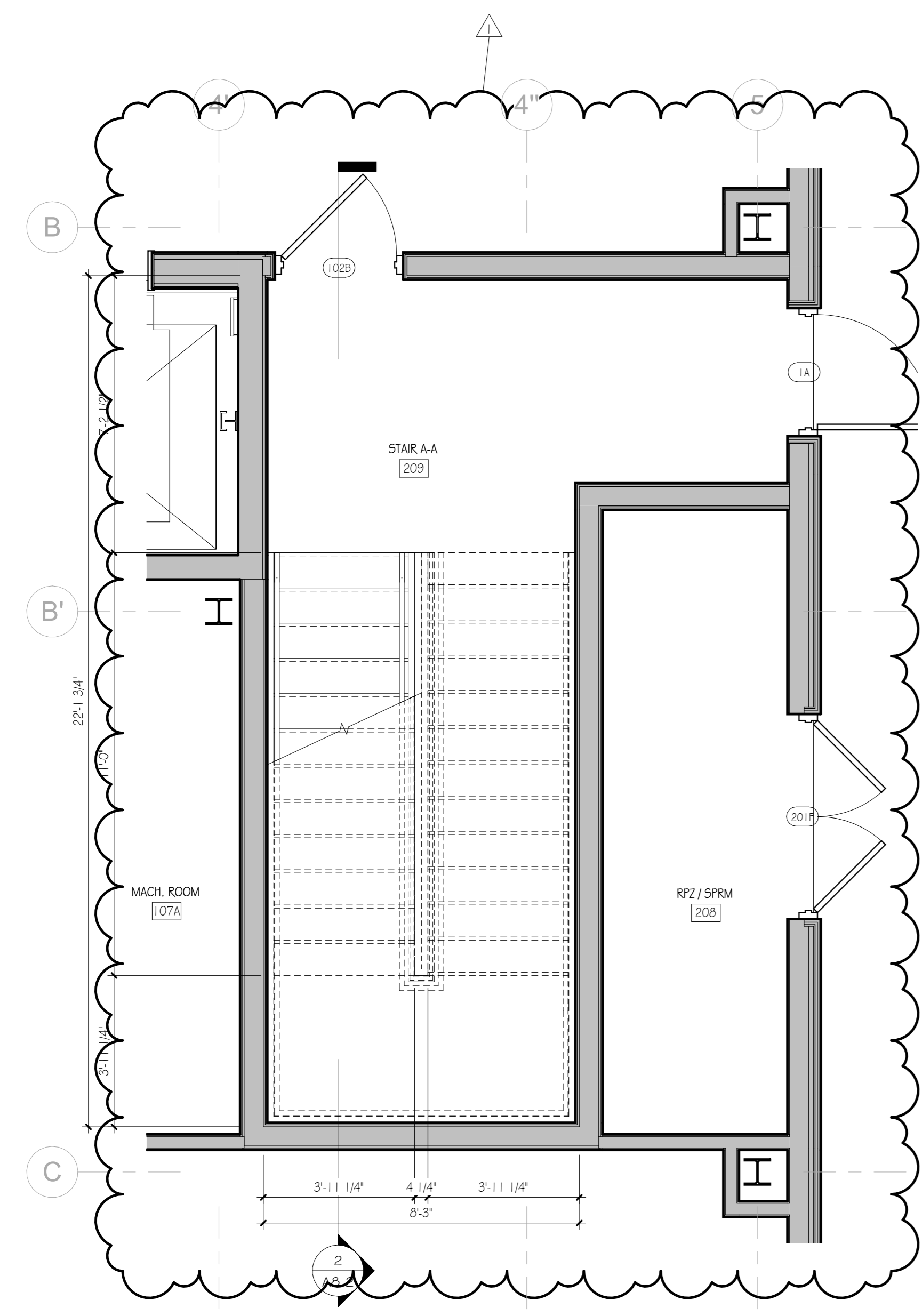
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Stair Details

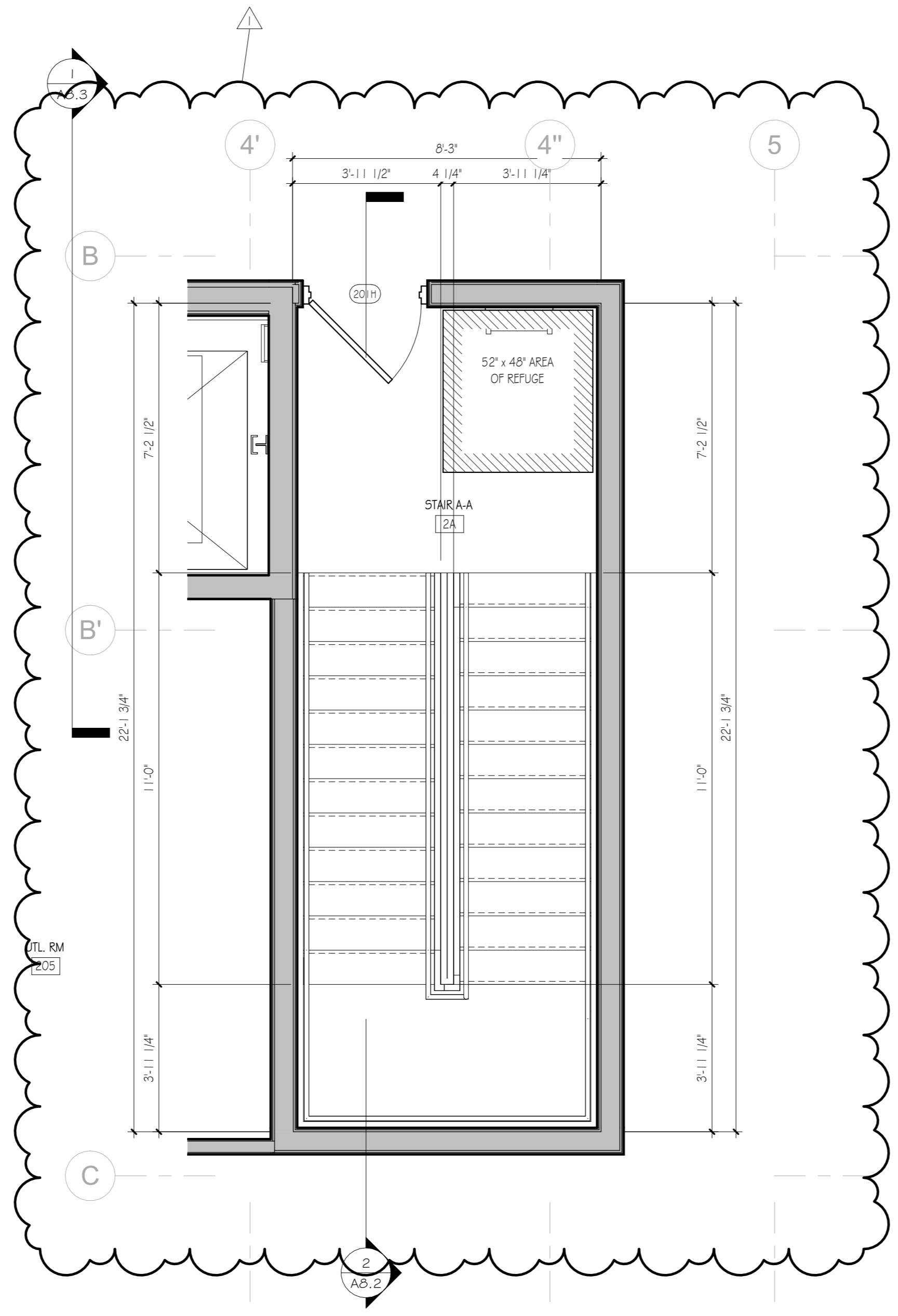
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SCDHS No.:		JM2 No.:	2021-0542
PLANNING No.:		DATE:	09/16/24
SEAL & SIGNATURE:		DESIGNED BY:	Author
		CHECKED BY:	Checker
		SCALE:	3/8" = 1'-0"
		DWG No.:	



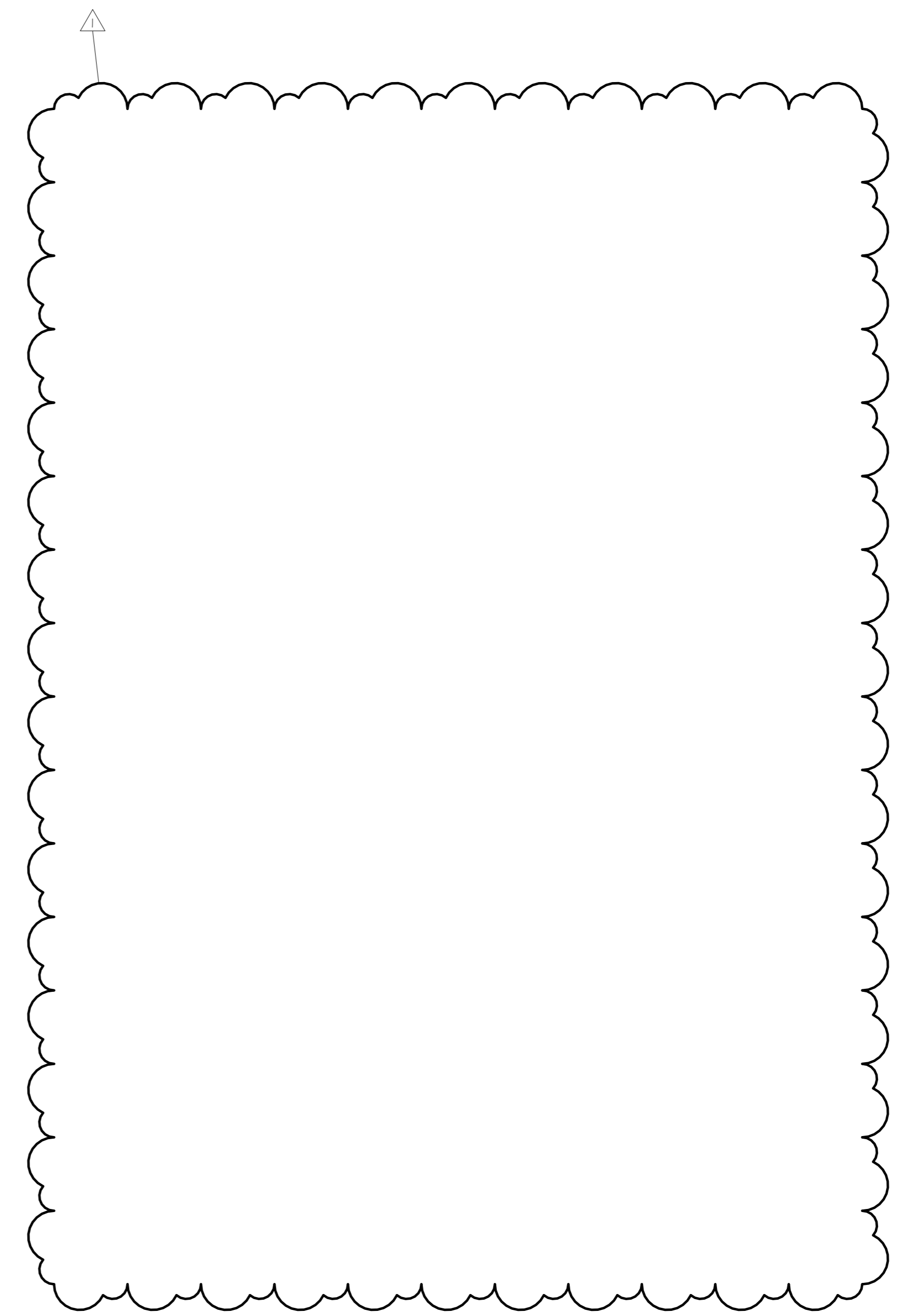
A8.1



ENLARGED STAIR A-A FIRST FLOOR PLAN
 3/8" = 1'-0" A8.1



ENLARGED STAIR PLAN A-A SECOND FLOOR PLAN
 3/8" = 1'-0" A8.1



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Project Name

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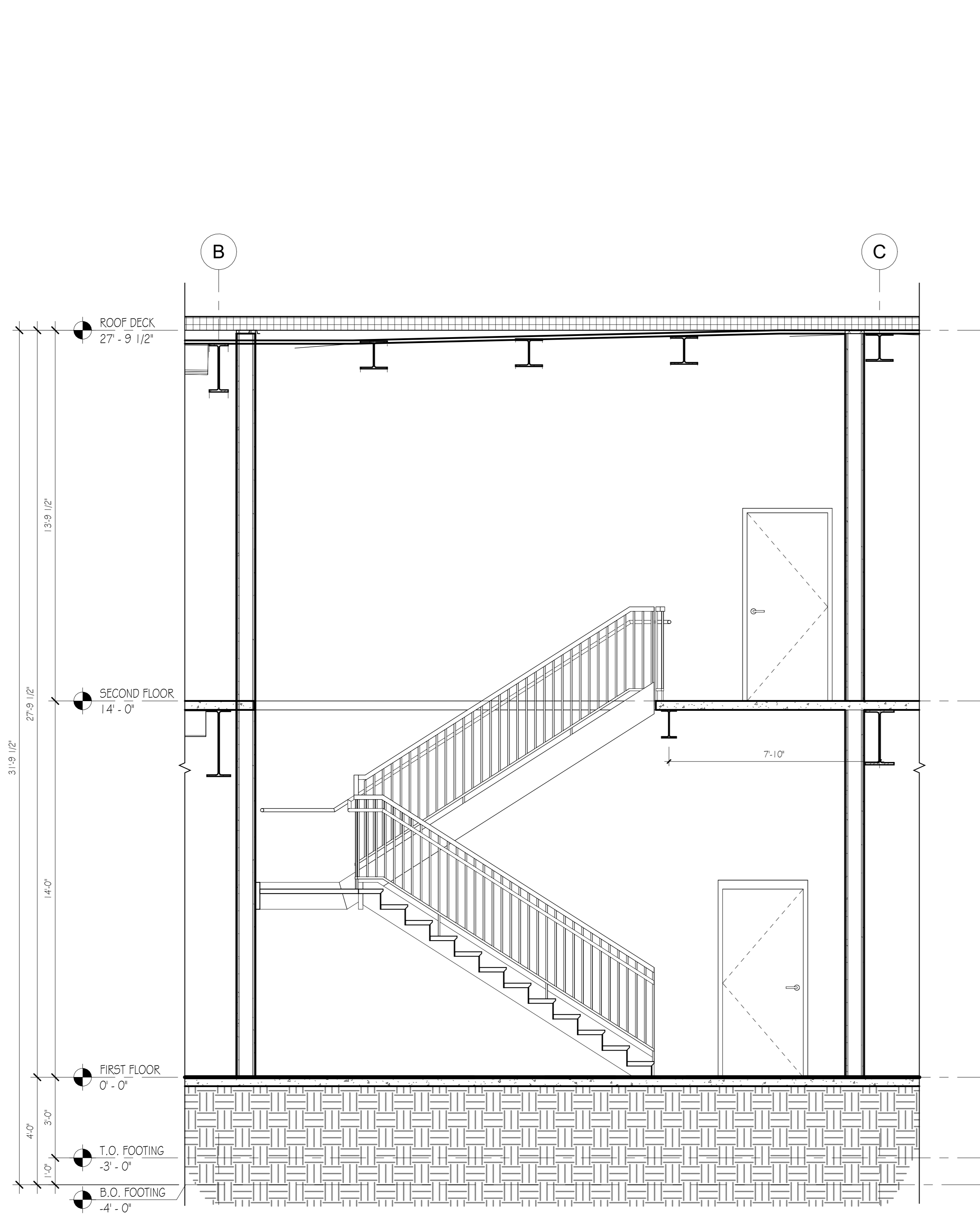
Drawing Title

Stair Sections

SCTM#	200-229-3-2B.1 & 29.2	BUILDING No:	
SCDHS No.:		JM2 No.:	2021-0542
PLANNING No.:		DATE:	09/16/24
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		CHECKED BY:	Checker
		SCALE:	3/8" = 1'-0"
		DWG No.:	

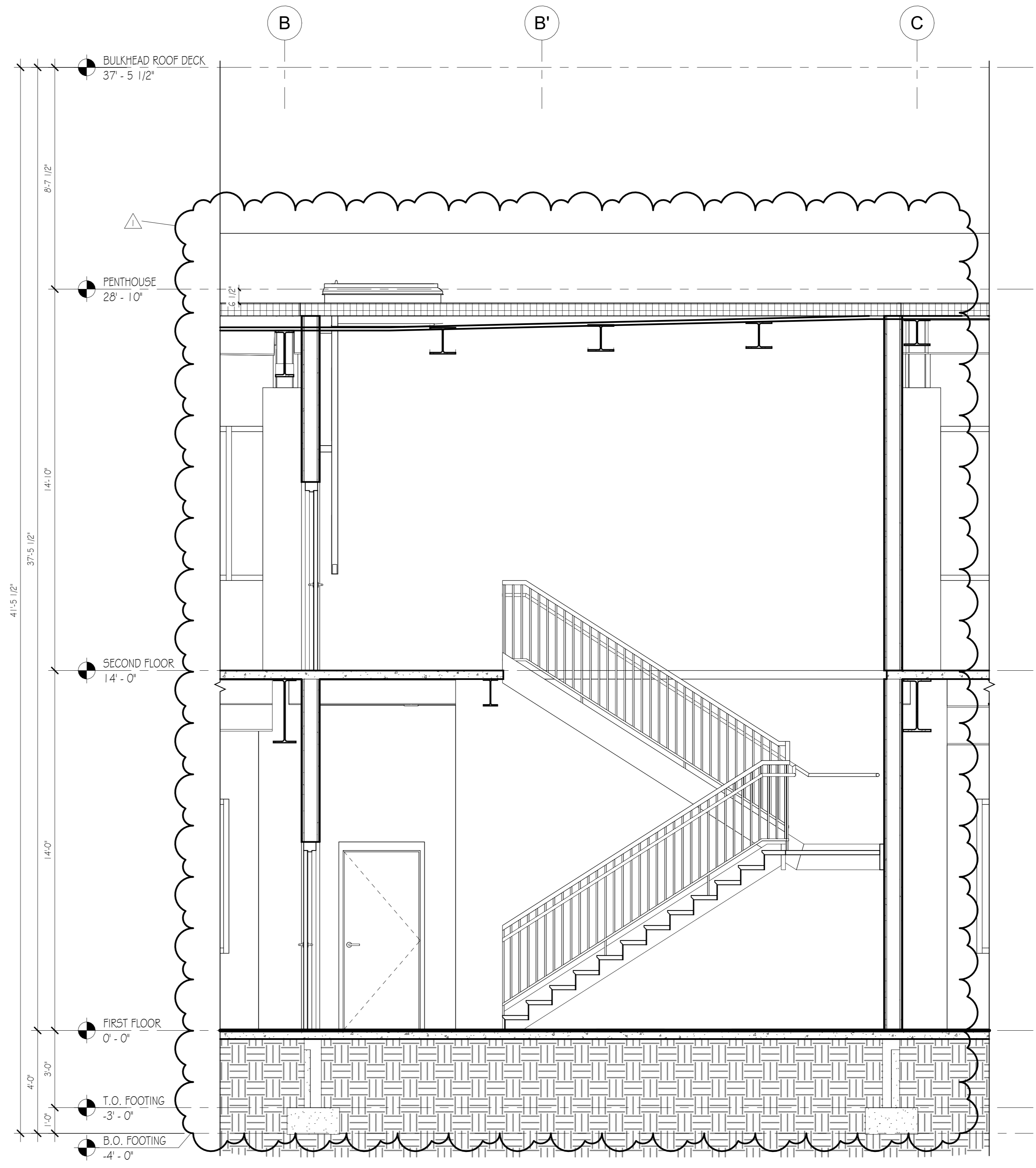


A8.2



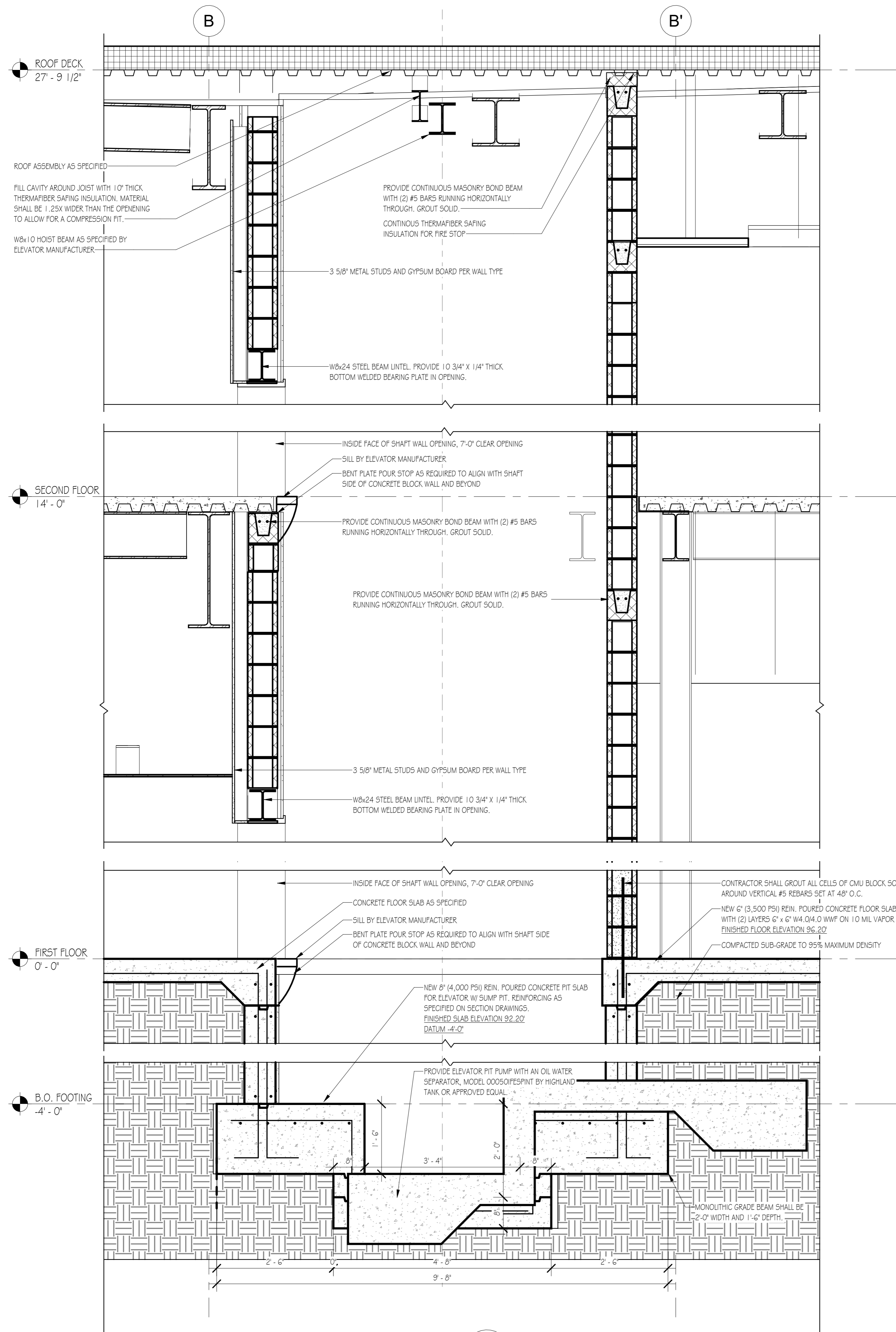
STAIR Section 01

$3/8" = 1'-0"$
 1
 A8.2



STAIR Section 02

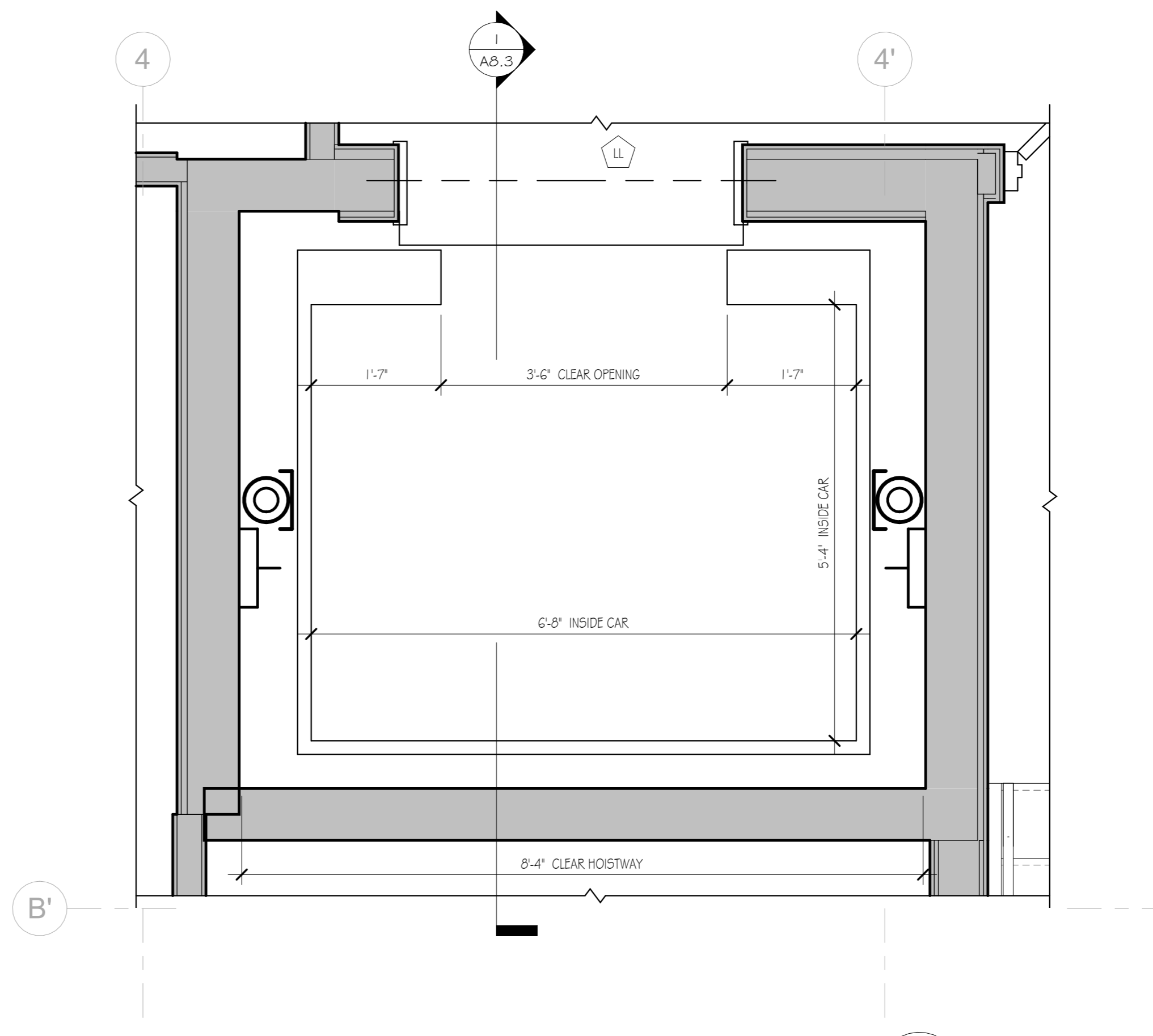
$3/8" = 1'-0"$
 2
 A8.2



ELEVATOR SECTION

3/4" = 1'-0"

1
A8.3



ELEVATOR PLAN

3/4" = 1'-0"

2
A8.3



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WPP BLDG 7

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Project Type

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Revisions

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Drawing Title

Elevator Section

SCTM#	200-229-3-28.1 & 29.2	BUILDING No.	
SCDHS No.		JM2 No.	2021-0542
PLANNING No.		DATE	09/16/24
SEAL & SIGNATURE:		DESIGNED BY:	Author
		CHECKED BY:	Checker
		SCALE:	3/4" = 1'-0"
		DWG No.	



A8.3

GENERAL FOUNDATION/CONCRETE NOTES

MISCELLANEOUS:

- THE STRUCTURE AND ITS SEVERAL PARTS HAVE BEEN DESIGNED FOR THE IN-SERVICE LOADS ONLY. THE METHODS, MEANS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE SAFE WORKING CONDITIONS AND MAINTAIN THE INTEGRITY OF THE STRUCTURE DURING ALL STAGES OF CONSTRUCTION. THE ADEQUACY OF THE DESIGN OF TEMPORARY BRACING, SHORING, ETC. IS THE CONTRACTOR'S RESPONSIBILITY.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL CONDITIONS PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES OCCUR, CONTACT THE ARCHITECT PRIOR TO CONTINUING WITH CONSTRUCTION.
- THE BRACING DESIGN FOR MASONRY WALLS IS THE COMPLETE RESPONSIBILITY OF THE CONTRACTOR. TEMPORARY BRACING FOR WALLS SHALL BE ADEQUATE TO RESIST THE FORCES IMPOSED DURING CONSTRUCTION. BRACING FOR A WALL SHALL NOT BE REMOVED UNTIL ALL SUPPORTING LEVELS OR UNITS HAVE BEEN ERECTED AND THE CONCRETE OF THE SUPPORTING LEVELS HAS ATTAINED THE SPECIFIED COMPRESSIVE STRENGTH (FC). IN THE CASE OF WALLS SUPPORTING SOIL, THE BRACES SHALL ADDITIONALLY REMAIN IN PLACE UNTIL THE BACKFILLING PROCEDURES HAVE BEEN COMPLETED.

FOUNDATIONS:

- FOUNDATION EXCAVATIONS SHALL BE MADE TO PLAN ELEVATIONS. FOUNDATIONS ARE TO BEAR ON FIRM, UNDISTURBED SOIL. THE SOIL CONDITIONS BENEATH FOUNDATIONS SHALL THEN BE INSPECTED BY A QUALIFIED GEOTECHNICAL ENGINEER. WHERE UNACCEPTABLE SOILS OCCUR, EXCAVATE AND REPLACE WITH AN ACCEPTABLE ENGINEERED FILL OR LOWER THE BOTTOM OF THE FOOTING TO AN ACCEPTABLE ELEVATION.
- ASSUMED DESIGN NET SOIL PRESSURES:
 - SPREAD FOOTINGS: 1,500 PSF
 - CONTINUOUS WALL FOOTINGS: 1,500 PSF
- FOUNDATION CONDITIONS NOTED DURING CONSTRUCTION, WHICH DIFFER FROM THOSE DESCRIBED IN THE GEOTECHNICAL REPORT SHALL BE REPORTED TO THE ARCHITECT AND GEOTECHNICAL ENGINEER BEFORE CONSTRUCTION IS CONTINUED.

CONCRETE:

- REINFORCED CONCRETE HAS BEEN DESIGNED IN ACCORDANCE WITH THE CURRENT 'BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE' (ACI 318).
- MIXING, TRANSPORTING, AND PLACING OF CONCRETE SHALL CONFORM TO THE LATEST EDITION OF THE 'SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS' (ACI 301).
- CONCRETE IN THE FOLLOWING AREAS SHALL CONSIST OF NATURAL SAND FINE AGGREGATE AND NORMAL WEIGHT COARSE AGGREGATES CONFORMING TO ASTM C39, TYPE 1 PORTLAND CEMENT CONFORMING TO ASTM C150, AND SHALL HAVE THE FOLLOWING COMPRESSIVE STRENGTH (FC) AT 28 DAYS:
 - FOOTINGS AND MATS: 3,500 PSI
 - FOUNDATION WALLS AND GRADE BEAMS: 3,500 PSI
 - SLABS-ON-GRADE: 3,500 PSI (700 PSI FLEXURAL)
 - RETAINING WALLS, CURBS, SIDEWALKS AND SLABS EXPOSED TO DE-ICERS: 4,000 PSI (68-11/18 ENTRAINED AIR BY VOLUME)
- CONCRETE (FLOWABLE FILL OR LEAN CONCRETE) USED AS FILL UNDER FOOTINGS OR AS BACKFILL BEHIND WALLS SHALL CONSIST OF NATURAL SAND FINE AGGREGATE, TYPE 1 PORTLAND CEMENT CONFORMING TO ASTM C150 (50 POUNDS MINIMUM), AND TYPE C OR F FLY ASH, AND HAVE A COMPRESSIVE STRENGTH (FC) AT 28 DAYS OF 75 PSI.
- CONCRETE COMPRESSIVE STRENGTH TESTS SHALL BE PERFORMED IN ACCORDANCE WITH ASTM C39. COPIES OF THE TEST RESULTS SHALL BE FORWARDED DIRECTLY TO THE ARCHITECT. ONE SET OF SPECIMENS SHALL BE TAKEN FOR EACH DAY'S POUR OF APPROPRIATE SIZE AND FOR EACH 100 CUBIC YARDS IN ACCORDANCE WITH THE LATEST EDITION OF ASTM C31. EACH SET SHALL INCLUDE ONE SPECIMEN TESTED AT 7 DAYS, 2 SPECIMENS TESTED AT 28 DAYS AND ONE SPECIMEN RETAINED IN RESERVE. THIS SET OF TEST CYLINDERS SHALL BE PROTECTED AGAINST FREEZING.
- CONCRETE FLEXURAL STRENGTH TESTS SHALL BE PERFORMED IN ACCORDANCE WITH ASTM C78. COPIES OF THE TEST RESULTS SHALL BE FORWARDED DIRECTLY TO THE ARCHITECT. ONE SET OF SPECIMENS SHALL BE TAKEN FOR EACH DAY'S SLAB POUR OF APPROPRIATE SIZE AND FOR EACH 200 CUBIC YARDS IN ACCORDANCE WITH THE LATEST EDITION OF ASTM C31. EACH SET SHALL INCLUDE ONE SPECIMEN TESTED AT 14 DAYS, ONE TESTED AT 28 DAYS AND 2 SPECIMENS TESTED AT 56 DAYS.
- SUMP TESTS SHALL BE MADE PRIOR TO THE ADDITION OF PLASTICIZERS. WHERE CONCRETE IS PLACED BY PUMPING METHODS, CONCRETE FOR TEST CYLINDERS AND SLUMP TESTS SHALL BE TAKEN AT THE POINT OF FINAL PLACEMENT.
- ADJUSTMENT OF SLUMP BY ADDING WATER TO THE MIX AT THE JOB SITE SHALL OCCUR AS FOLLOWS: ADJUSTMENT SHALL BE MADE ONE TIME ONLY WITH A MAXIMUM OF 2 GALLONS OF WATER PER CUBIC YARD SUCH THAT THE SPECIFIED SLUMPS AND WATER/CEMENT RATIOS ARE NOT EXCEEDED. THE CONCRETE SHALL BE MIXED AFTER THE ADDITION OF WATER ONE MINUTE PER CUBIC YARD TO A MAXIMUM OF 5 MINUTES.
- PROTECT THE CONCRETE SURFACE BETWEEN FINISHING OPERATIONS ON HOT, DRY DAYS OR ANY TIME PLASTIC SHRINKAGE CRACKS COULD DEVELOP BY USING WET BURLAP, PLASTIC MEMBRANES OR FOGGING. PROTECT CONCRETE DECK AT ALL TIMES FROM RAIN, HAIL OR OTHER INJURIOUS EFFECTS.
- PRINCIPAL OPENINGS IN THE STRUCTURE ARE INDICATED ON THE CONTRACT DOCUMENTS. REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR SLEEVES, CURBS, INSERTS, ETC. NOT HERIN INDICATED. OPENINGS IN SLABS WITH A MAXIMUM SIDE DIMENSION OR DIAMETER OF 10 INCHES OR LESS SHALL NOT REQUIRE ADDITIONAL FRAMING OR REINFORCEMENT, UNLESS NOTED OTHERWISE. THE ARCHITECT SHALL APPROVE THE LOCATION OF SLEEVES OR OPENINGS IN STRUCTURAL MEMBERS.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF SLEEVES, OPENINGS, EMBEDDED ITEMS, ETC. AND SHALL ENSURE THAT THEY ARE IN PLACE PRIOR TO THE PLACEMENT OF THE CONCRETE.
- THE CONTRACTOR SHALL SUBMIT FOR REVIEW BY THE ARCHITECT A MIX DESIGN FOR EACH PROPOSED CLASS OF CONCRETE. MIX DESIGNS SHALL SHOW WEIGHT PROPORTIONS FOR COMPONENTS OF THE MIX. THE CONTRACTOR SHALL NOT VARY FROM THE MIX DESIGN WITHOUT THE APPROVAL OF THE ARCHITECT.

CONCRETE SLABS-ON-GRADE:

- SLABS-ON-GRADE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE 'GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION' (ACI 302.1R).
- IN ADDITION TO THE SPECIFICATIONS NOTED ELSEWHERE, THE NORMAL WEIGHT CONCRETE FOR FLATWORK SHALL CONFORM TO THE FOLLOWING:
 - MINIMUM CEMENT CONTENT: 5 SACKS / CYD
 - MAXIMUM WATER/CEMENT RATIO BY WEIGHT: 0.48
 - MAXIMUM SLUMP PRIOR TO ADDITION OF PLASTICIZERS: 3 INCHES
 - MAXIMUM SLUMP IF PLASTICIZERS ARE NOT USED: 4 INCHES
- MINIMUM CEMENT CONTENT SHALL BE 6 SACKS/CYD AND MAX W/C RATIO SHALL BE 0.43 FOR CURBS, SIDEWALKS AND SLABS EXPOSED TO DE-ICERS.
- SLABS-ON-GRADE SHALL BE PLACED TO ACHIEVE THE FOLLOWING MINIMUM TOLERANCES:
 - OVERALL VALUES: FF = 25 FL = 20
 - LOCAL VALUES: FF = 17 FL = 15
- PLACE CONCRETE IN A MANNER SO AS TO PREVENT SEGREGATION OF THE MIX. FLOATING AND TROWELING OPERATIONS SHALL NOT OCCUR UNTIL THE CONCRETE HAS LOST SURFACE WATER SHEEN OR ALL FREE WATER. DO NOT SPRINKLE FREE CEMENT ON THE SLAB SURFACE.
- PROVIDE CURING OF CONCRETE SLABS IMMEDIATELY AFTER FINISHING USING A 7 DAY WET CURE. OTHER METHODS MAY BE USED WITH THE ARCHITECT'S APPROVAL.
- ASSUMED SUBGRADE MODULUS FOR SLAB ON GRADE DESIGN: 100 P.C.I.
- FLOOR SLAB CONSTRUCTION SEQUENCE, CONSTRUCTION JOINT LOCATIONS, CURING AND JOINT REINFORCEMENT METHODS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO POURING THE SLAB ON GRADE.

CONCRETE REINFORCEMENT:

- REINFORCING BAR DETAILING, FABRICATING, AND PLACING SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING STANDARDS: 'SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS' (ACI 301) AND 'ACI DETAILING MANUAL' (SP66).
- REINFORCING STEEL SHALL BE DEFORMED BARS OF NEW BILLET STEEL CONFORMING TO ASTM A615 AND SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI.
- PROVIDE STANDARD BAR CHAIRS AND SPACERS AS REQUIRED TO MAINTAIN CONCRETE PROTECTION SPECIFIED.
- WELDED WIRE FABRIC SHALL BE SMOOTH WIRE FABRIC CONFORMING TO ASTM A 185 UNLESS OTHERWISE NOTED. FABRIC SHALL BE SUPPLIED IN FLAT SHEETS AND LAPPED A MINIMUM OF 14 INCHES.
- WELDED WIRE FABRIC IN SLABS-ON-GRADE SHALL BE PLACED 2" DOWN FROM THE TOP OF THE SLAB UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE SHOWN OR NOTED, SPACING OF REINFORCING BARS SHALL CONFORM TO THE CURRENT ACI 318. WHERE THE LENGTH OF LAP IS NOT SHOWN OR NOTED, PROVIDE A CLASS 'B' LAP AT SPLICES.
- HORIZONTAL BARS IN WALLS OR GRADE BEAMS SHALL BE BENT AT CORNERS AND INTERSECTIONS IN SUCH A WAY THAT CONTINUITY IS PROVIDED THROUGH THE JOINT. SEPARATE CORNER BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL REINFORCING MAY BE SUBSTITUTED FOR THE BENT PORTION OF THE CONTINUOUS BARS.
- THE CONCRETE CONTRACTOR SHALL PREPARE DETAILED WORKING OR SHOP DRAWINGS TO ENABLE FABRICATION, ERECTION AND CONSTRUCTION OF THE WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS AND SHALL SUBMIT ONE ELECTRONIC COPY TO THE ARCHITECT FOR APPROVAL. THESE SHOP DRAWINGS WILL BE REVIEWED FOR DESIGN CONCEPTS EXPRESSED IN THE CONTRACT DOCUMENTS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONS, ACCURACY, AND FIT OF WORK.

NON-SHRINK GROUT:

- GROUT SHALL BE A NON-METALLIC, SHRINKAGE RESISTANT (WHEN TESTED IN ACCORDANCE WITH THE LATEST EDITION OF ASTM C827 OR CRD-C621), PREMIXED, NON-CORROSIVE, NON-STAINING PRODUCT CONTAINING PORTLAND CEMENT, SILICA SANDS, SHRINKAGE COMPENSATING AGENTS AND FLUIDITY IMPROVING COMPOUNDS. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (FC) OF 5,000 PSI IN 28 DAYS.
- GROUT COMPRESSIVE STRENGTH TESTS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF ASTM C109.

MASONRY:

- ENGINEERED CONCRETE MASONRY HAS BEEN DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE 'BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES' (ACI 530) BY THE AMERICAN CONCRETE INSTITUTE (ACI).
- CONCRETE MASONRY CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE 'SPECIFICATION FOR MASONRY CONSTRUCTION' (ACI 530.1).
- PROVIDE SPECIAL INSPECTIONS OF ALL MASONRY CONSTRUCTION.
- MASONRY CONSTRUCTION SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (FC) OF 1,500 PSI AT 28 DAYS.
- MORTAR SHALL BE TYPE M BELOW GRADE AND TYPE M OR S ABOVE GRADE PROPORTIONED IN ACCORDANCE WITH THE LATEST EDITION OF ASTM C 270 OR C 476.
- REINFORCING STEEL FOR BOND BEAMS AND VERTICAL BLOCK CORES SHALL BE DEFORMED BARS OF NEW BILLET STEEL COMPLYING WITH ASTM A 615 AND HAVING A MINIMUM YIELD STRENGTH OF 60,000 PSI.
- UNLESS OTHERWISE NOTED, MASONRY CORES (WHERE SPECIFIED ON DRAWINGS) AND BOND BEAMS SHALL BE FILLED WITH CONCRETE MEETING THE FOLLOWING REQUIREMENTS.
- MINIMUM 2,500 PSI 28-DAY COMPRESSIVE STRENGTH WITH 3/4-INCH MAXIMUM AGGREGATE AND 7 INCH MAXIMUM SLUMP.
- UNLESS OTHERWISE NOTED, PROVIDE A STEEL BEARING PLATE WITH TWO 3/8-INCH X 6" STUD ANCHORS AT BEAM BEARINGS.
- BEARINGS FOR BEAMS, LINTELS, JOISTS, ETC. SHALL BE BOND BEAMS OR HOLLOW MASONRY UNITS WITH CORES FILLED SOLID WITH CONCRETE. SEE DRAWINGS FOR MINIMUM BEARING REQUIREMENTS.

ALL INSPECTIONS, TESTINGS AND VERIFICATIONS SHALL BE IN ACCORDANCE WITH NYSBC'S SECTION 1705 AND TABLE 1705.3 AND AS FOLLOWS:

TYPE	FREQUENCY	
	CONTINUOUS	PERIODIC
1. INSPECT REINFORCEMENT, INCLUDING REDRESSING TENDONS, AND VERIFY PLACEMENT.		X
2. REINFORCING BAR WELDING: <ul style="list-style-type: none"> A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706; B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; C. INSPECT ALL OTHER WELDS 	X	X
3. INSPECT ANCHORS CAST IN CONCRETE	X	X
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS** <ul style="list-style-type: none"> A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS; B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4A 	X	X
5. VERIFY USE OF REQUIRED DESIGN MIX		X
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TEST, PERFORM SLUMP AND AIR CONTENT TEST, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	
7. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X
9. INSPECT PRESTRESSED CONCRETE FOR: <ul style="list-style-type: none"> A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS; B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4A 	X	X
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS: <ul style="list-style-type: none"> 11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS. 12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED. 		X

**SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK.

A. GENERAL

- THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR, NOR HAVE CONTROL OR CHARGE OF CONSTRUCTION MEANS, METHODS, SEQUENCES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS OR PROGRAMS. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL EXISTING ELEMENTS DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, DISTORTION, COLLAPSE OR MISALIGNMENT.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2020 NYS BUILDING CODE AND ALL LOCAL AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE BEGINNING ANY WORK, AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
- THE OWNER SHALL BE RESPONSIBLE FOR SUPERVISION DURING CONSTRUCTION. THE OWNER SHALL BE RESPONSIBLE FOR FILING AND SECURING ALL REQUIRED BUILDING PERMITS PRIOR TO THE START OF ANY WORK.
- ALL DEMOLITION MATERIAL SHALL BE REMOVED FROM THE SITE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE TOWN OF BROOKHAVEN.
- THE ELECTRICAL CONTRACTOR SHALL LOCATE AND DISCONNECT AT THE SERVICE PANEL, ALL CIRCUITS AFFECTED BY CONSTRUCTION.
- WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND DETAILS SHALL TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.

B. STRUCTURAL

- ALL FRAMING LUMBER SHALL BE DOUGLAS FIR #2 (UNLESS OTHERWISE NOTED) @75 PSI FB.
- WOOD THAT COMES IN CONTACT WITH MASONRY AND CONCRETE SHALL BE WOLMANIZED/PRESSURE TREATED.
- JOISTS, RAFTERS AND BEAMS SHALL HAVE A MINIMUM OF 3" BEARING AT ENDS.
- EXTERIOR WALLS SHALL BE 2" x 4" WOOD STUDS @ 16" o.c. UNLESS NOTED OTHERWISE ON PLANS EXTERIOR SHEATHING SHALL BE 1/2" CDX PLYWOOD.

BUILDING COMPONENT SPECIFICATION LIST

ROOF ASSEMBLY

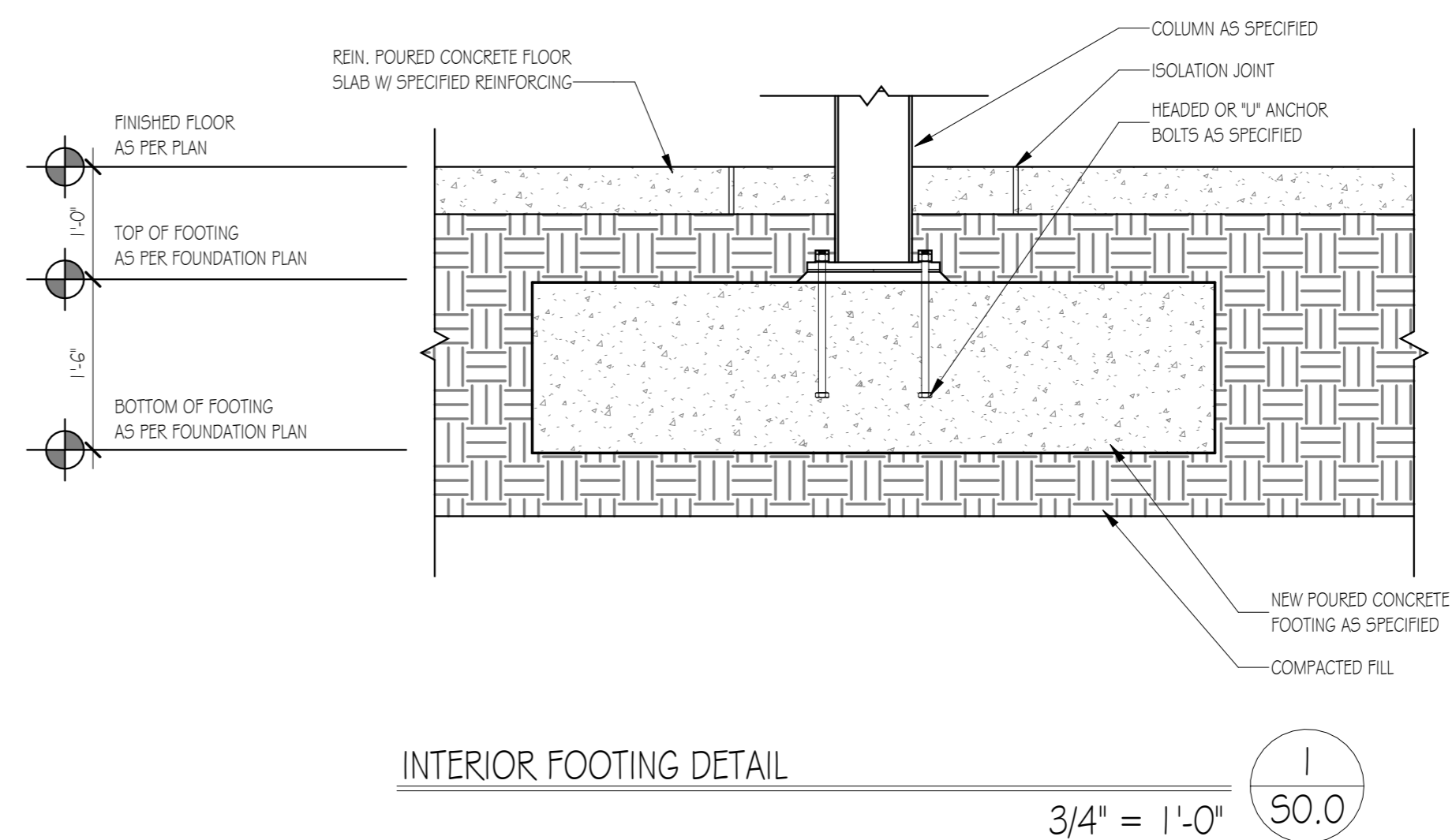
ROOF FLASHING: AS PER SECTION R905.2.8 OF THE 2015 INTERNATIONAL RESIDENTIAL CODE, BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, AND SHALL BE CORROSION RESISTANT SHEET METAL OF MINIMUM NOMINAL 0.019 INCH

ASPHALT ROOF SHINGLES: AS PER THE 2020 NYS BUILDING CODE, ASPHALT SHINGLES SHALL HAVE SELF-SEAL STRIPS OR BE INTERLOCKING. FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED STEEL, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 1 1/2 GA. SHANK WITH A MIN. 3/8" DIA. HEAD. ASPHALT SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE.

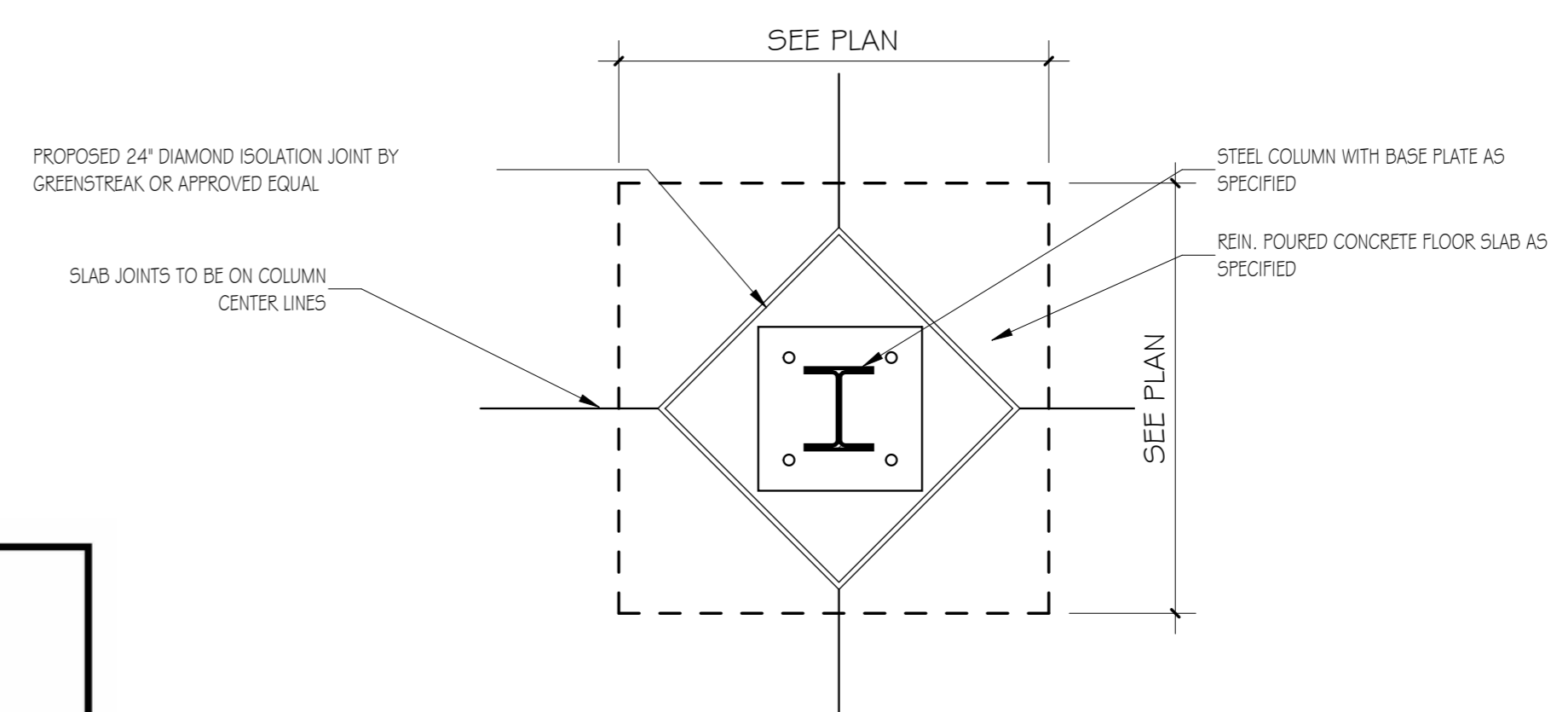
UNDERLAYMENT: AS PER THE 2020 NYS BUILDING CODE, UNDERLAYMENT ON ROOF SLOPES 4:12 OR GREATER SHALL BE ONE LAYER AND APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2". FASTENED SUFFICIENTLY TO HOLD IN PLACE, END LAPS SHALL BE OFFSET BY 6'-0". PROVIDE A SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET IN LIEU OF 30# FELT AND EXTEND FROM THE LOWEST EDGES OF ALL ROOF SURFACES TO A POINT AT LEAST 24 INCHES INSIDE THE EXTERIOR WALL LINE. ICE BARRIERS SHALL BE 2 LAYERS APPLIED ALONG THE ROOF EDGES 24" INSIDE THE EXTERIOR WALL ON ROOF SLOPES UP TO 7:12, AND 36" ALONG THE ROOF SLOPE STARTING FROM THE EAVE ON ROOF SLOPES 8:12 AND GREATER.

VAPOR BARRIER: AS PER THE 2020 NEW YORK STATE BUILDING CODE, ROOF/CEILING/INSULATION COMPRISING ELEMENTS OF THE BUILDING THERMAL ENVELOPE, A VAPOR RETARDER SHALL BE INSTALLED ON THE WARM-IN-WINTER SIDE OF THE INSULATION.

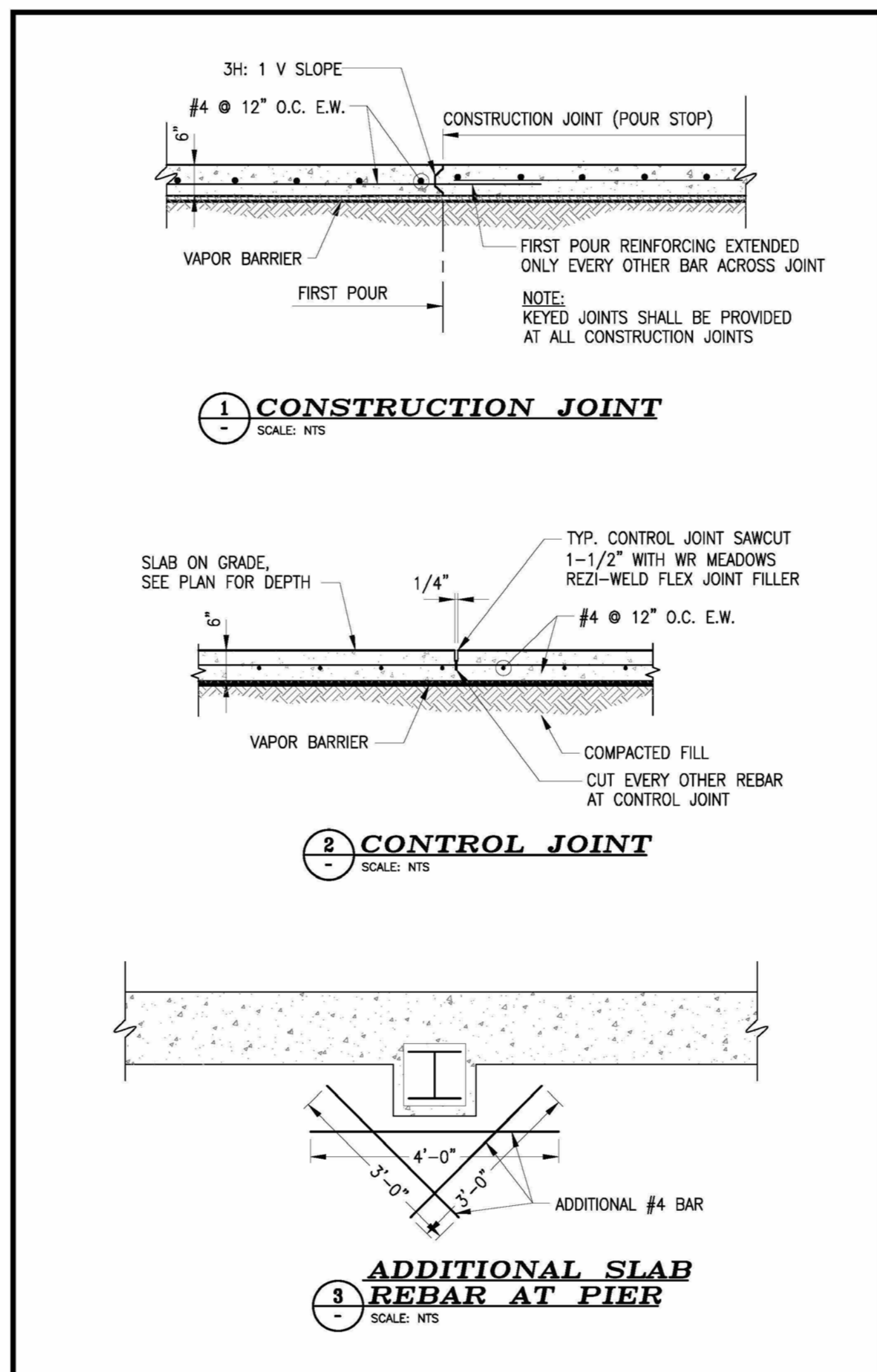
NOTE: CONTRACTOR SHALL REFER TO THE HAULING SCHEDULE AND DETAIL SHEET FOR ALL CONNECTION SPECIFICATIONS PERTAINING TO EXTERIOR WALL STUDS, RIM JOIST, FLOOR JOISTS, BRACING AND PLYWOOD SUB-FLOORING.



INTERIOR FOOTING DETAIL
3/4" = 1'-0" **1** 50.0



INTERIOR FOOTING ISOLATION JOINT DETAIL
3/4" = 1'-0" **2** 50.0



1 CONSTRUCTION JOINT
SCALE: NTS

2 CONTROL JOINT
SCALE: NTS

3 ADDITIONAL SLAB REBAR AT PIER
SCALE: NTS

Architect of Record:



JM2 ARCHITECTURE, PC
2410 NORTH OCEAN AVENUE
SUITE 300
FARMINGVILLE, NY 11738
T | 631.320.3305 F | 631.320.3307

Applicant:

M&R Stony Brook, Inc.
1671-1 Route 112
Coram, NY 11727

Architect of Record:

JM2 Architecture, PC
2410 North Ocean Ave. Suite 300
Farmingville, NY 11738
631-320-3305

Structural Engineer:

MEP Engineer:

AMM Engineering
31 W. Main St. Suite 216
Patchogue, NY 11772

Surveyor:

Schnepf & Murrell, P.C. Land Surveyors
126 Main Street
Sayville, NY 11782

Project Name

WPP BLDG 7

Project Address

1671-1 Route 112,
Coram, NY 11727

Project Type

New Construction

Revisions

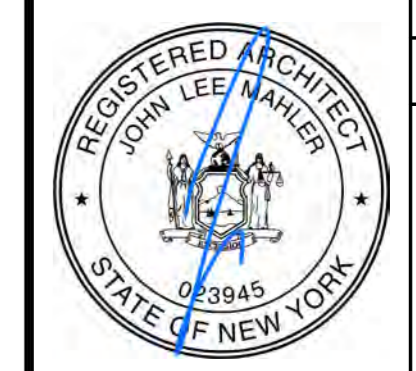
Prelim - Issued for review	
Prelim - Issued to Steel Fabricator	09/10/22
Prelim - Reissued to Steel Fabricator	06/30/2022
Prelim - Issued to MEP Consultant	07/08/2022
REVISIONS PER OWNER COMMENTS	09/16/2024
MINOR REVISIONS PER OWNERS COMMENTS	10/03/2024

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Drawing Title

Notes & Details

SCTM#	200-229-3-28.1 & 29.2	BUILDING No:	
SCDHS No.:		JM2 No.:	2021-0542
PLANNING No.:		DATE:	09/16/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	3/4" = 1'-0"
		DWG No.:	S0.0



Applicant:
MRK Stony Brook, Inc.
1671-1 Route 112
Coram, NY 11727

Architect of Record:
JM2 Architecture, PC
2410 North Ocean Ave, Suite 300
Farmingville, NY 11738
631-320-3305

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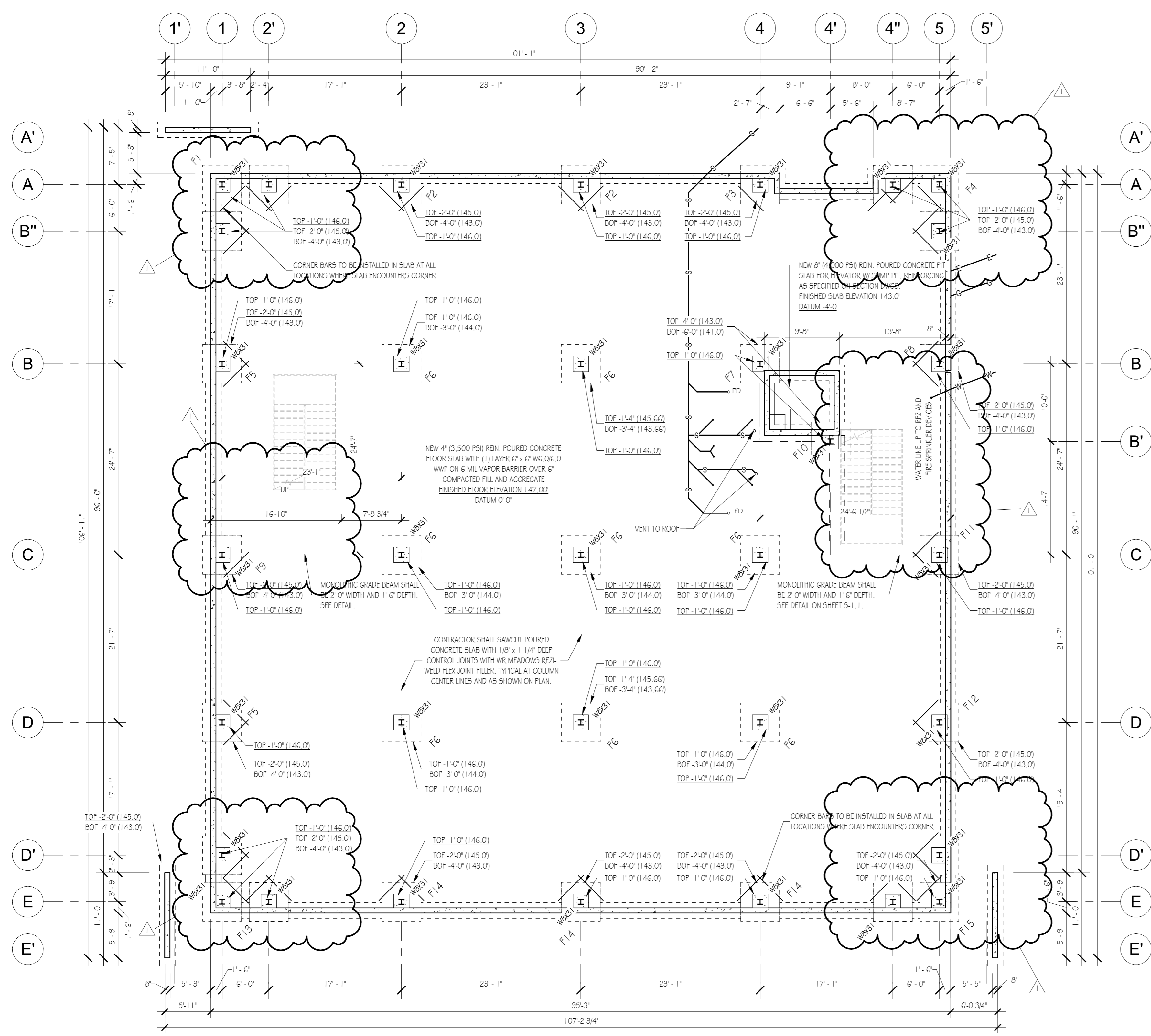
Revisions

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Drawing Title

Foundation Plan

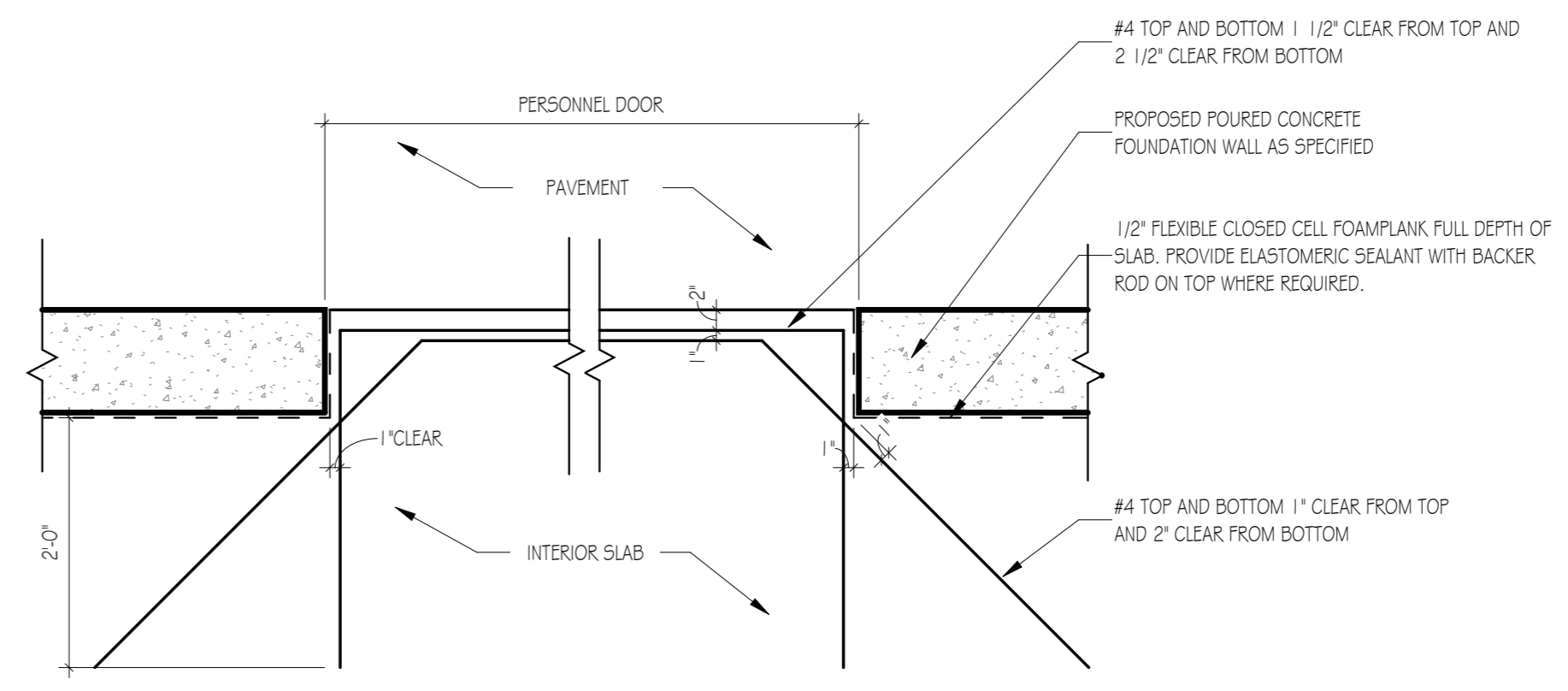


Foundation Plan

1/8" = 1'-0"
S1.0

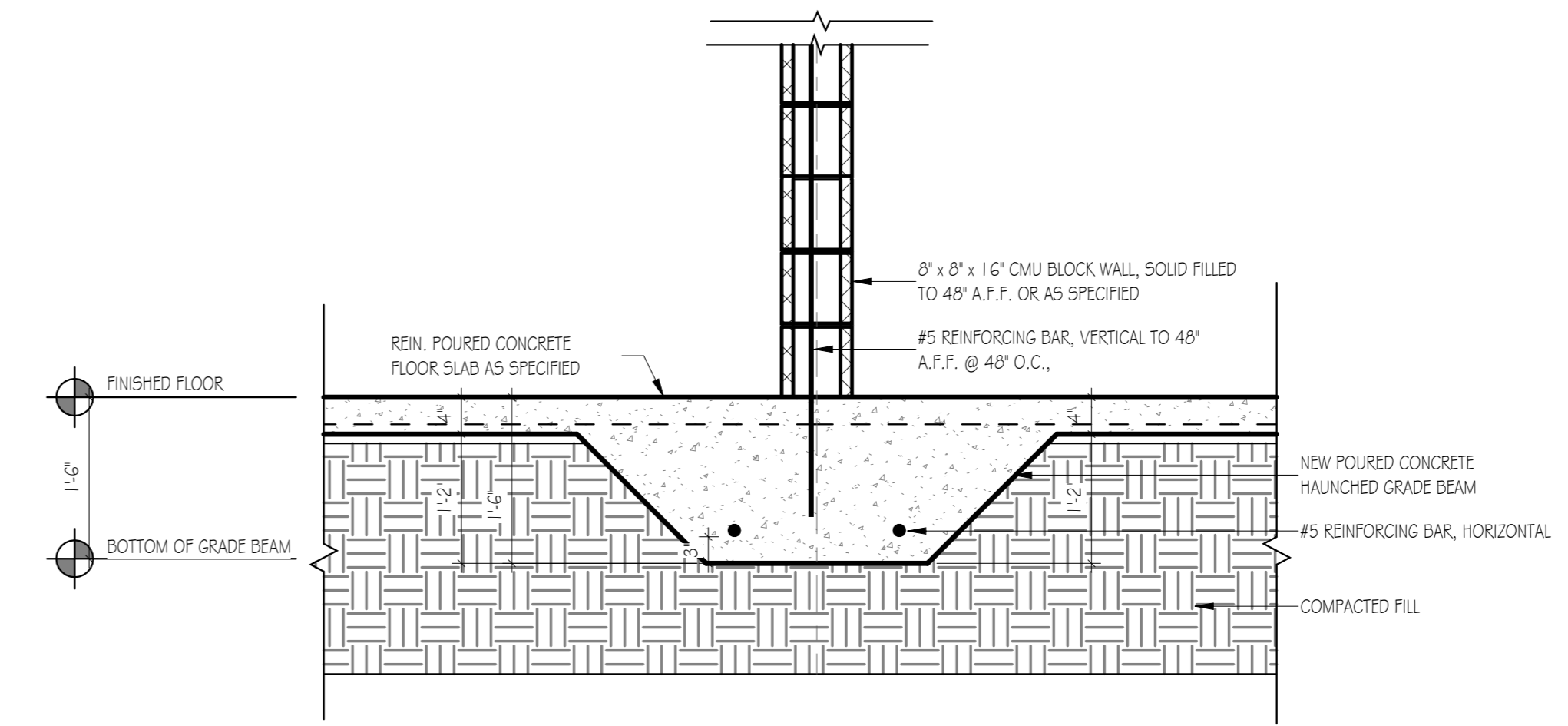
SEE SHEETS S-1.1 - S-1.3 FOR INDIVIDUAL CONC. FOOTING AND PIER DETAILS

FOOTINGS AND PIERS SHALL BE COORDINATED W/ STRUCTURAL DRAWINGS



SLAB DETAIL @ DOORS

3/4" = 1'-0"
S1.0



GRADE BEAM

3/4" = 1'-0"
S1.0

COLUMN FOOTING SCHEDULE			WALL FOOTING SCHEDULE			LOADING REQUIREMENTS	
TYPE	FOOTING SIZE	FOOTING REINFORCEMENT	TYPE	FOOTING SIZE	FOOTING REINFORCEMENT	TYPICAL ROOF LOAD:	
F1	2'-0" x 2'-0" x 1'-6"	(3) #3 BARS EACH WAY	WF1	2'-0" W x 1'-0" D	3 - #4 LONG DIRECTION #3 SHORT DIRECTION @ 16" O.C.	43# LIVE LOAD 17# DEAD LOAD 60# TOTAL LOAD	
F2	3'-0" x 3'-0" x 1'-6"	(3) #5 BARS EACH WAY	WF2	2'-0" W x 1'-0" D	3 - #4 LONG DIRECTION #3 SHORT DIRECTION @ 16" O.C.		
F3	3'-0" x 3'-0" x 2'-0"	(3) #5 BARS EACH WAY					
F4	4'-0" x 4'-0" x 2'-0"	(4) #6 BARS EACH WAY					
F5	4'-0" x 4'-0" x 2'-0"	(5) #6 BARS EACH WAY					
F6	5'-0" x 5'-0" x 2'-0"	(6) #6 BARS EACH WAY					
F7	5'-3" x 5'-3" x 2'-0"	(7) #6 BARS EACH WAY					
F8	5'-6" x 5'-6" x 2'-0"	(7) #6 BARS EACH WAY					
F9	6'-0" x 6'-0" x 2'-0"	(10) #6 BARS EACH WAY					

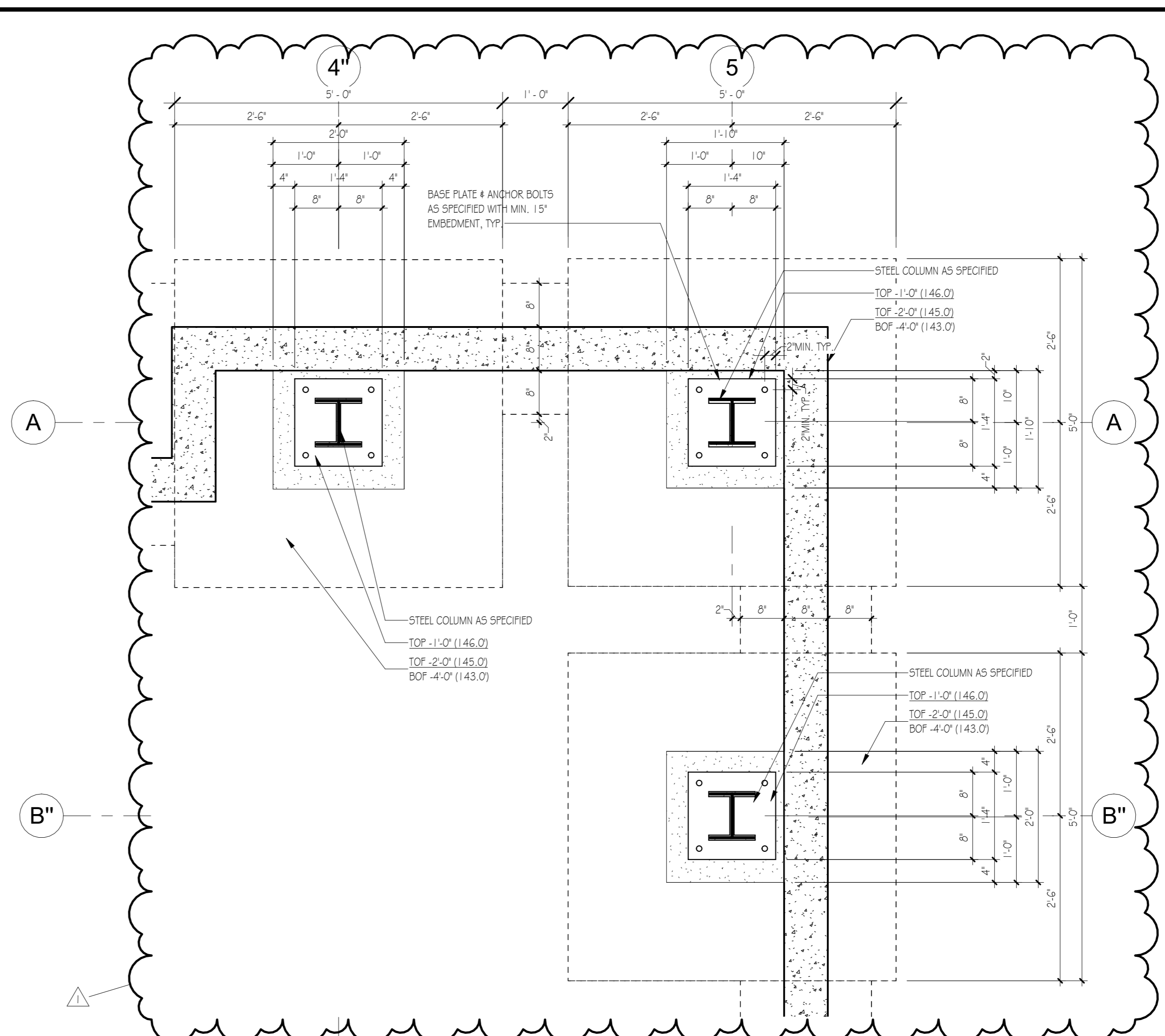
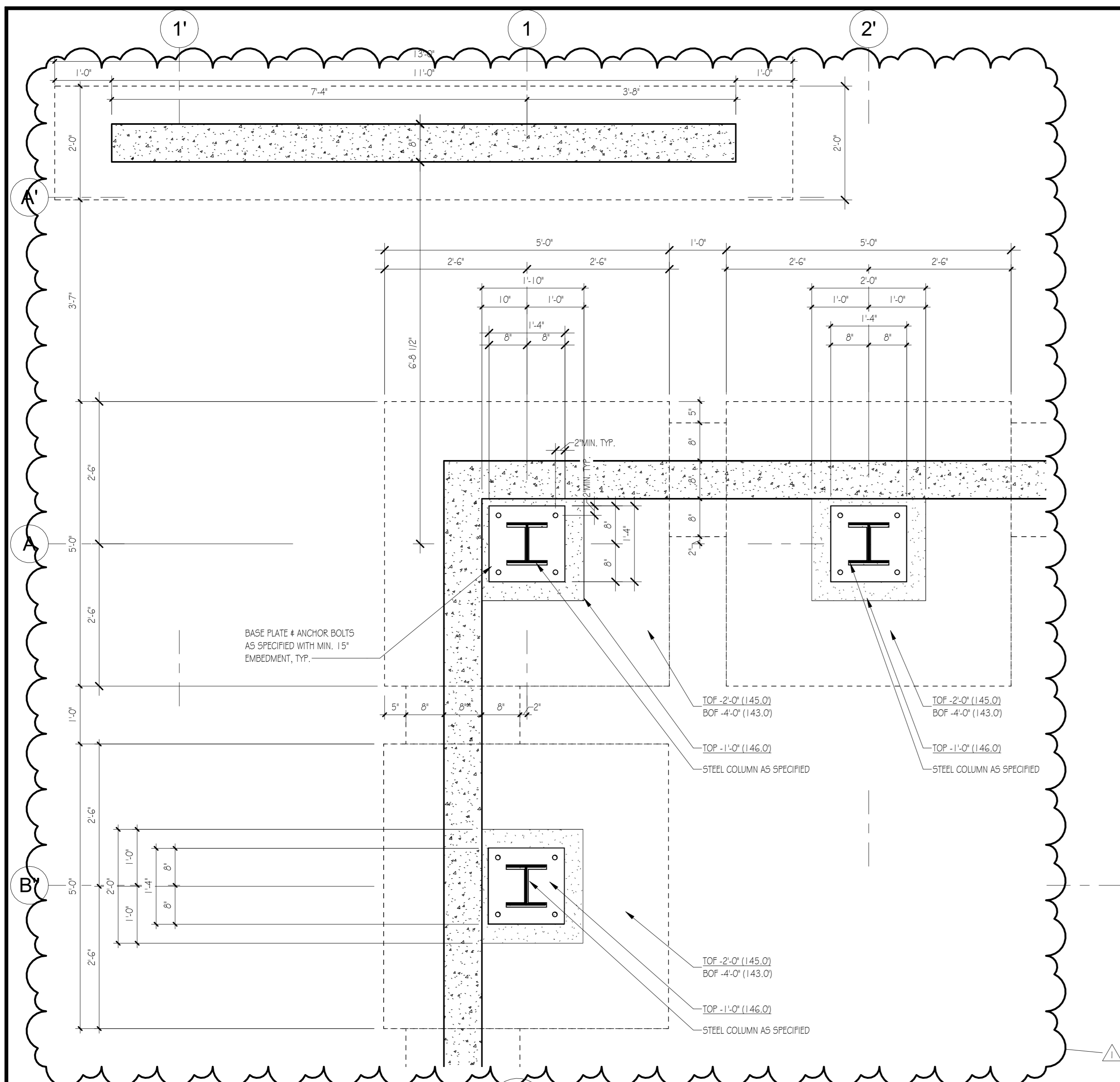
NOTES:

- ALL NEW WF1 FOUNDATION WALL FOOTINGS SHALL BE BELOW A NEW POURED CONCRETE 8" WIDE FOUNDATION WALL.
- ALL NEW WF2 FOUNDATION WALL FOOTINGS SHALL BE BELOW A NEW POURED CONCRETE 8" WIDE FOUNDATION WALL.
- SEE SHEETS S-1.1-S1.3 FOR CONCRETE FOOTING AND PIER DETAILS.
- COLUMN PIERS SHALL BE MIN. 22" x 22". SEE PLAN FOR ELEVATIONS. REIN. SHALL BE (6) #7 VERTICAL, #3 TIES @ 10" W/ ADDITIONAL TOP & BOT.
- FOUNDATION WALLS SHALL HAVE (2) #4 BARS LONG DIRECTION @ 12" VERTICALLY, W/ (1) #4 BAR VERTICALLY @ 16" O.C. (HOOK VERTICAL BAR AT BOT. OF FOOTING)

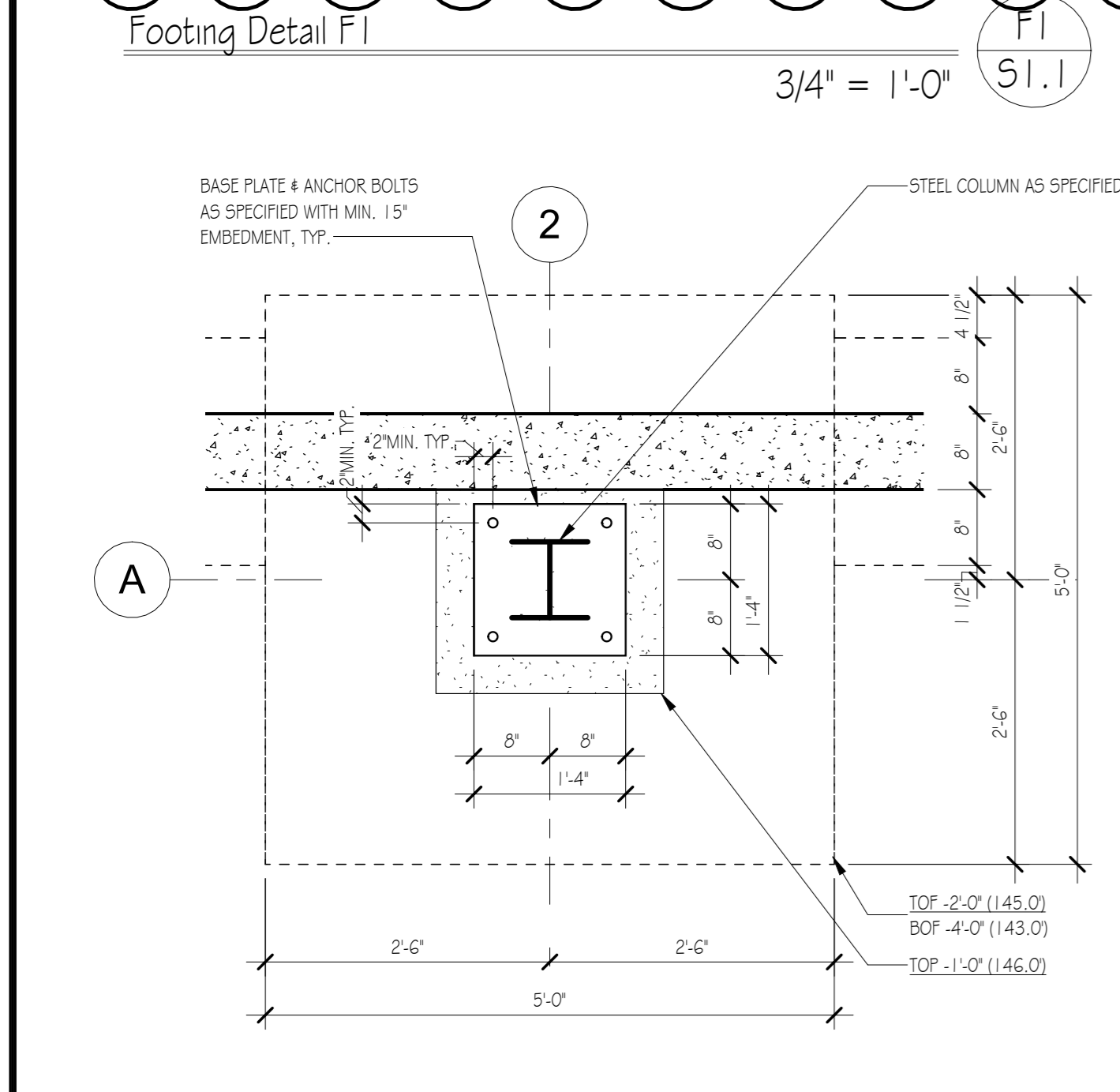
SNOW DRIFT ROOF LOAD:
55# LIVE LOAD
17# DEAD LOAD
72# TOTAL LOAD

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		CHECKED BY:	JM
		SCALE:	As indicated
		DWG No:	S1.0

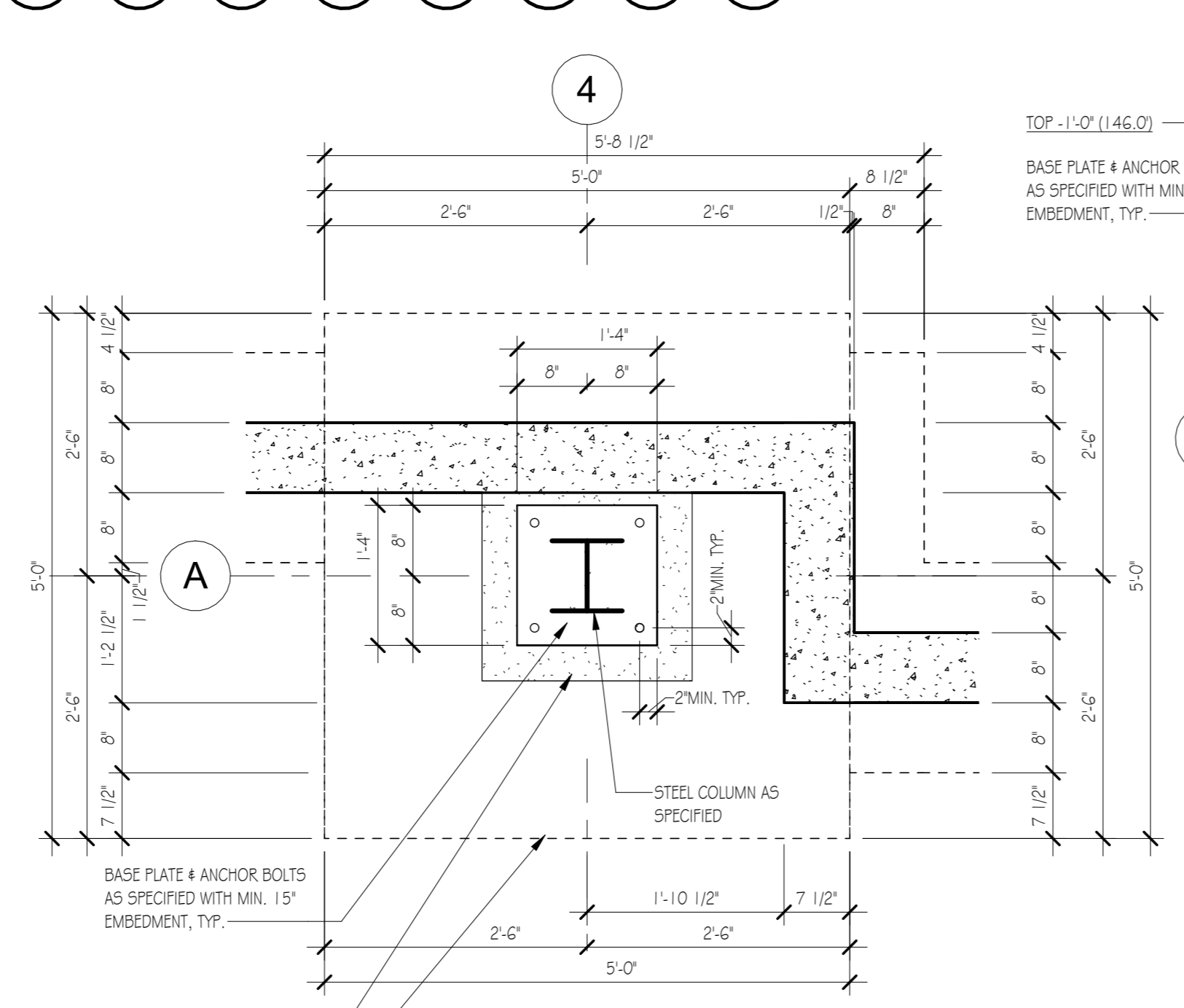




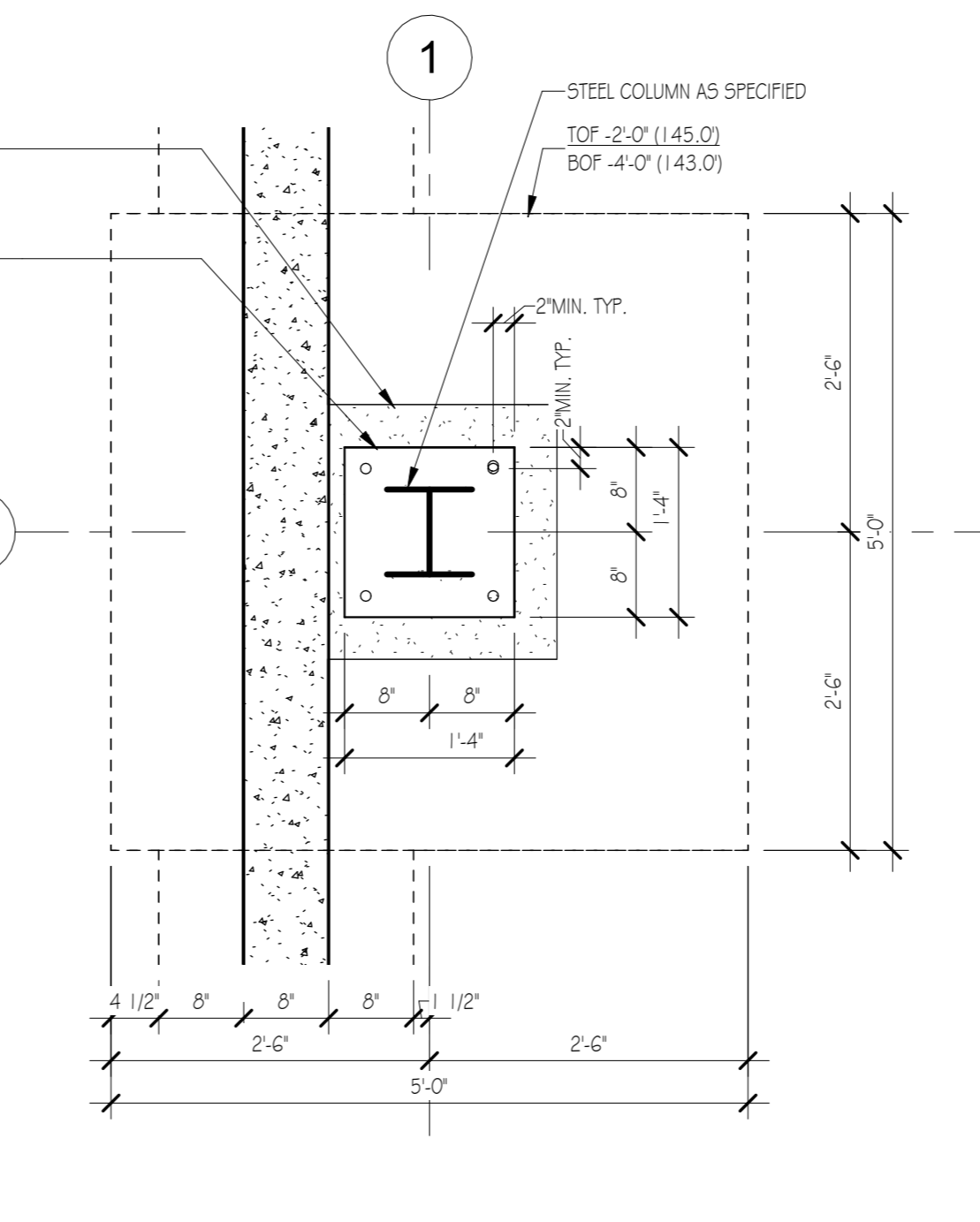
Footing Detail F4
3/4" = 1'-0" S1.1



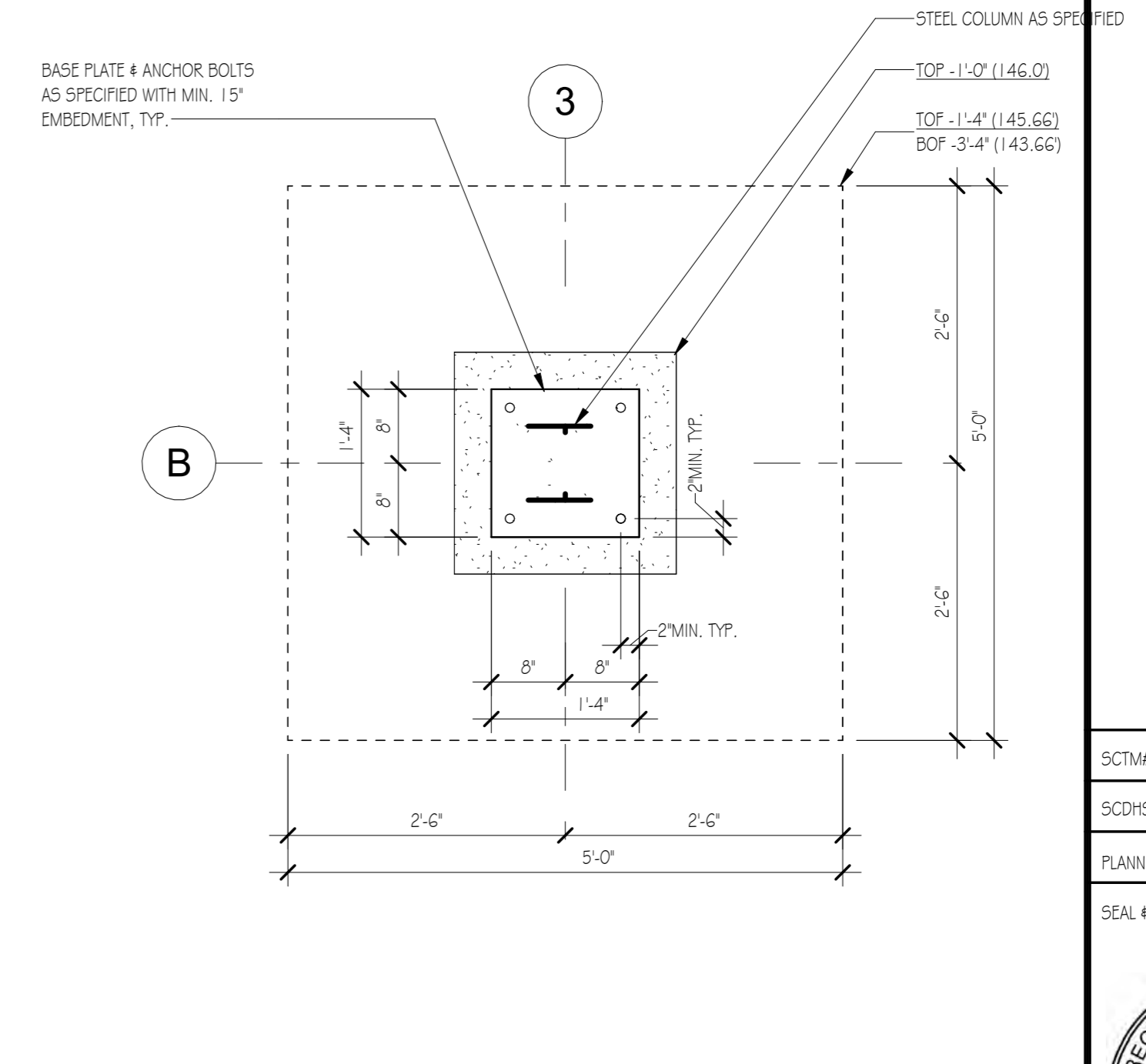
Footing Detail F2
3/4" = 1'-0" F2 S1.1



Footing Detail F3
3/4" = 1'-0" F3 S1.1



Footing Detail F5
3/4" = 1'-0" F5 S1.1



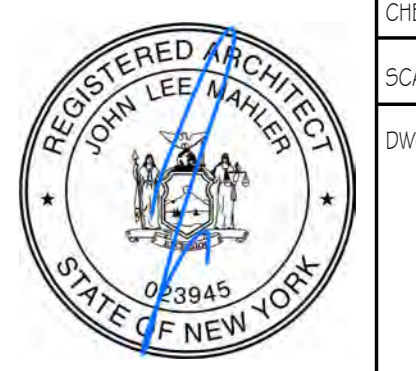
Footing Detail F6
3/4" = 1'-0" F6 S1.1

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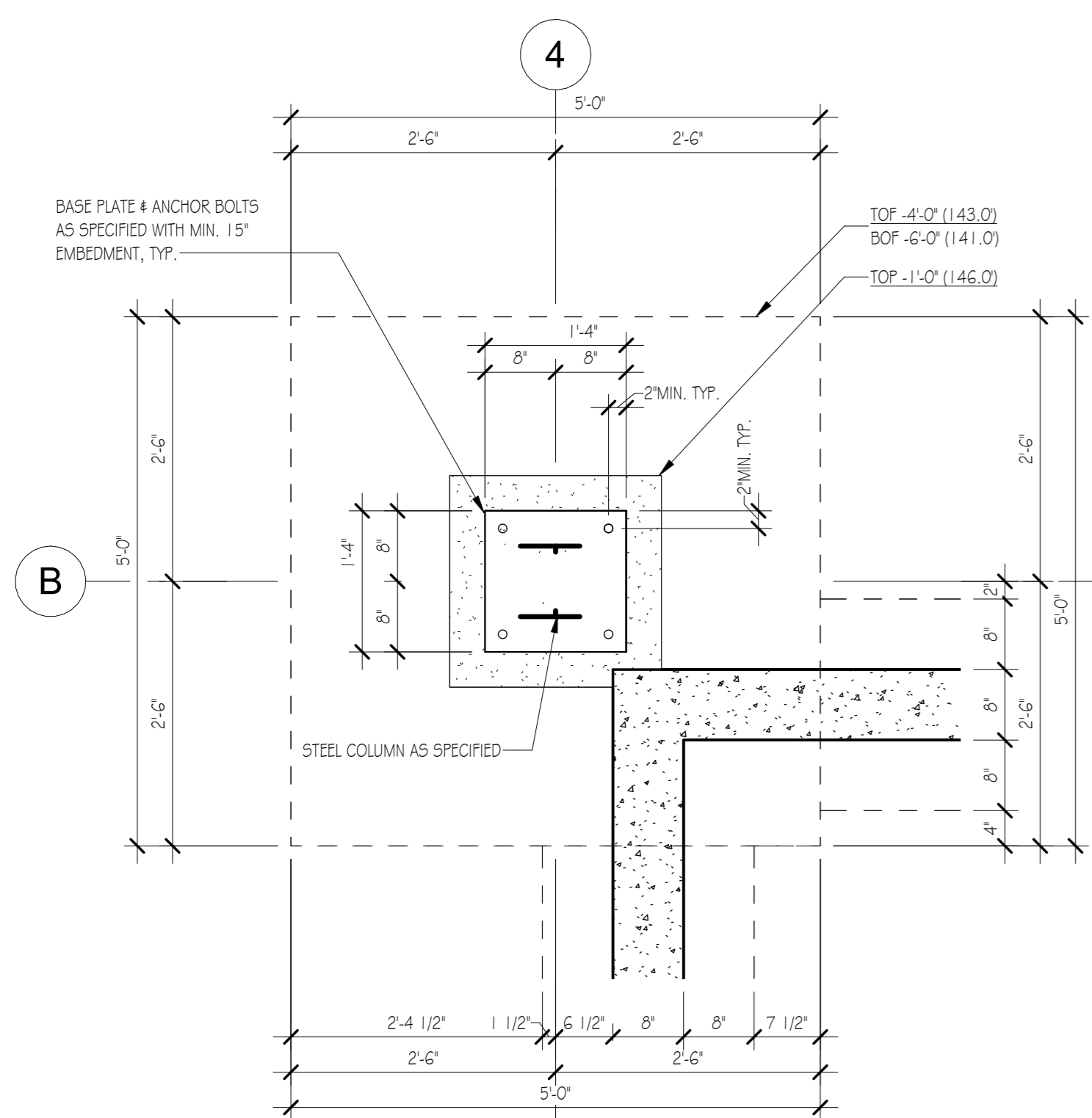
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		CHECKED BY:	Checker
		SCALE:	3/4" = 1'-0"
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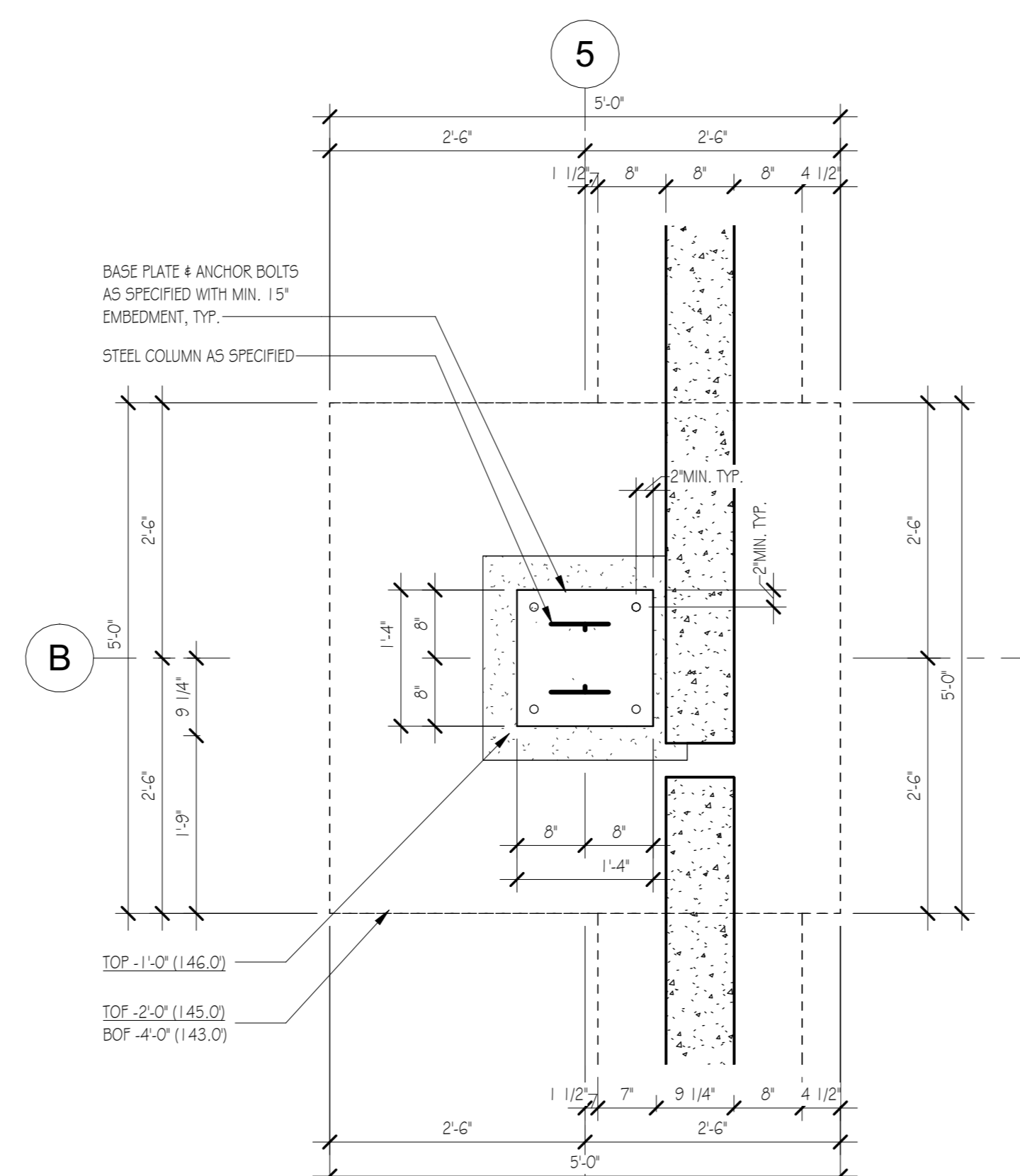


S1.1



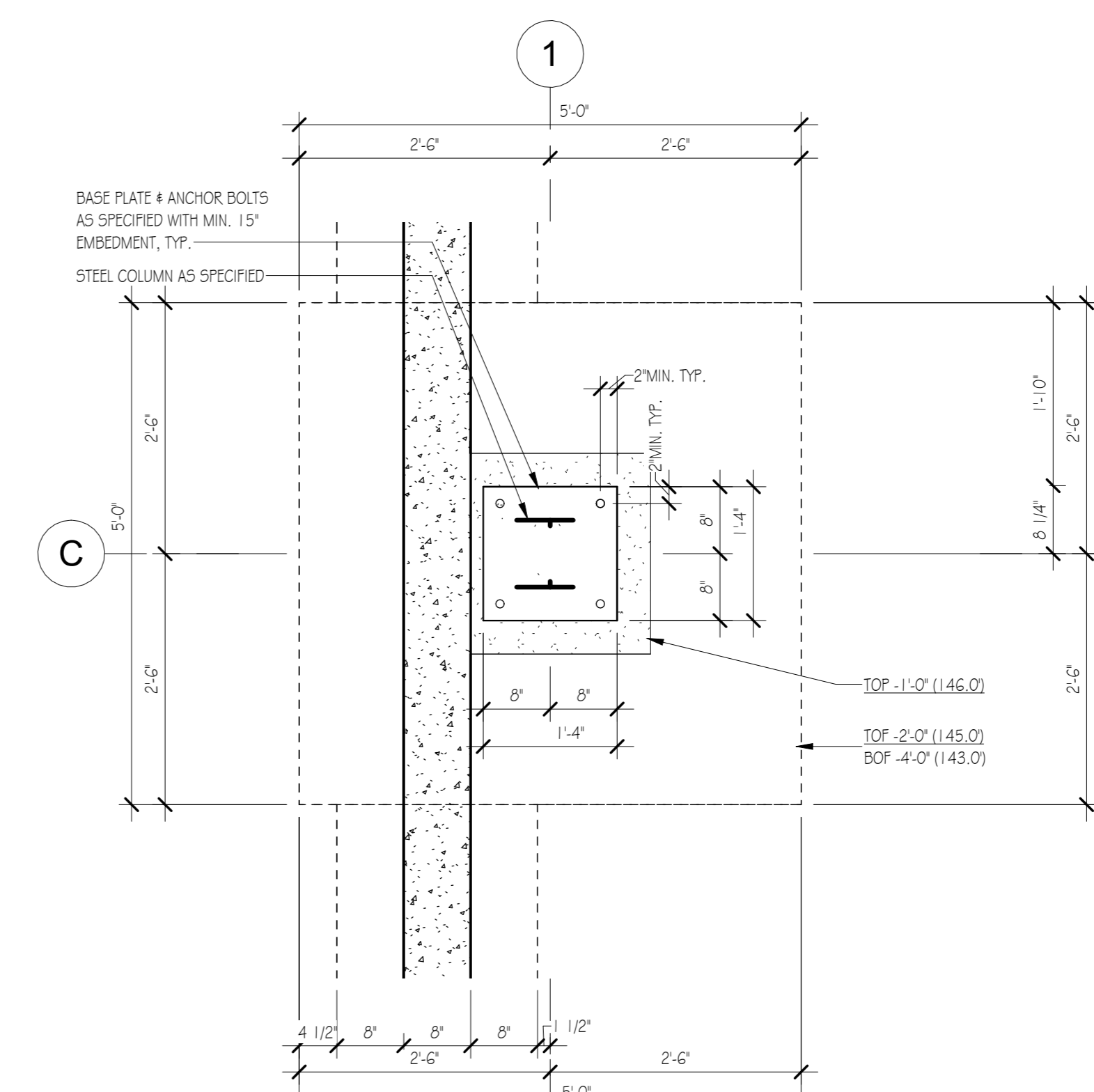
Footing Detail F7

3/4" = 1'-0" F7
S1.2



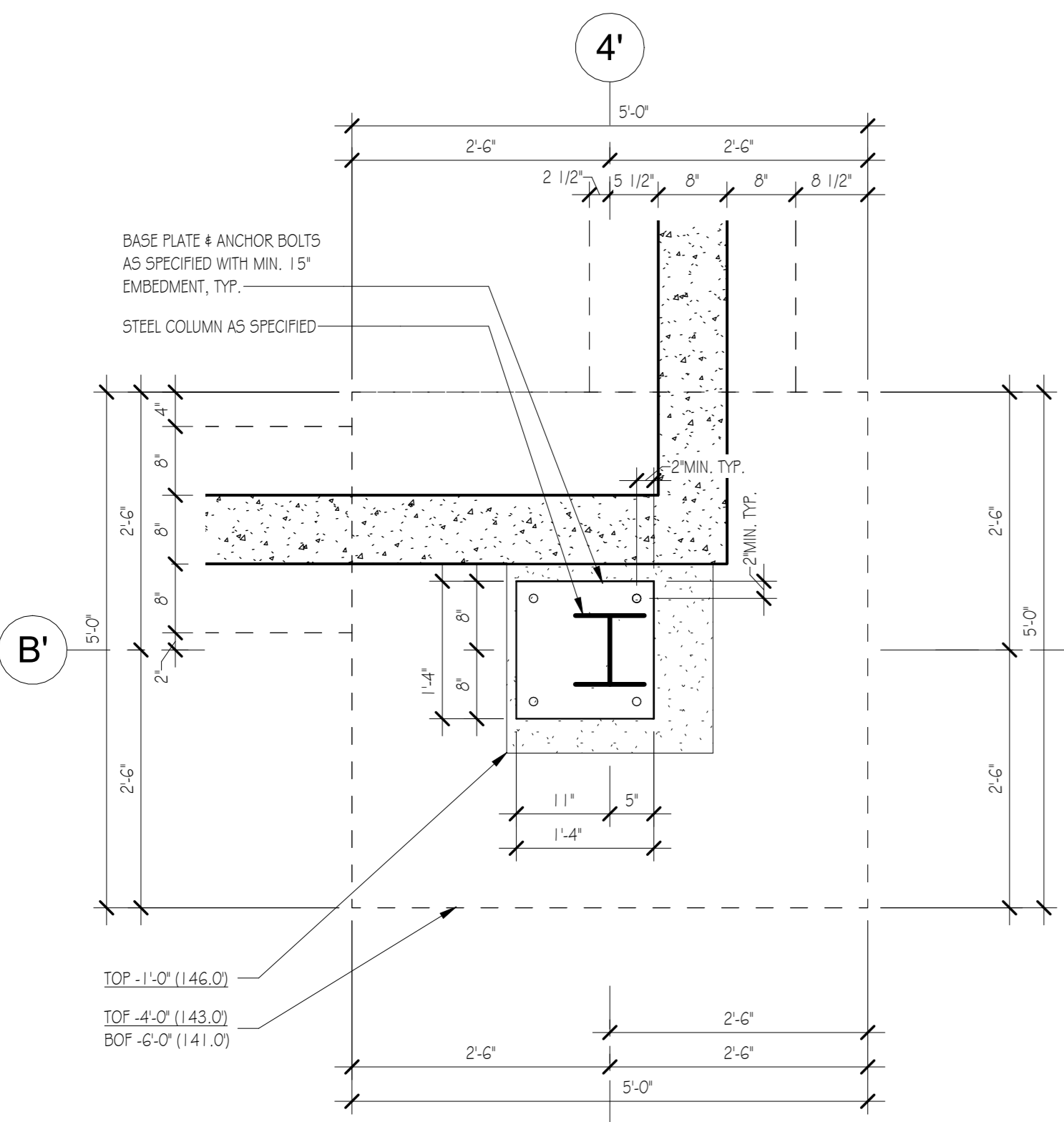
Footing Detail F8

3/4" = 1'-0" F8
S1.2



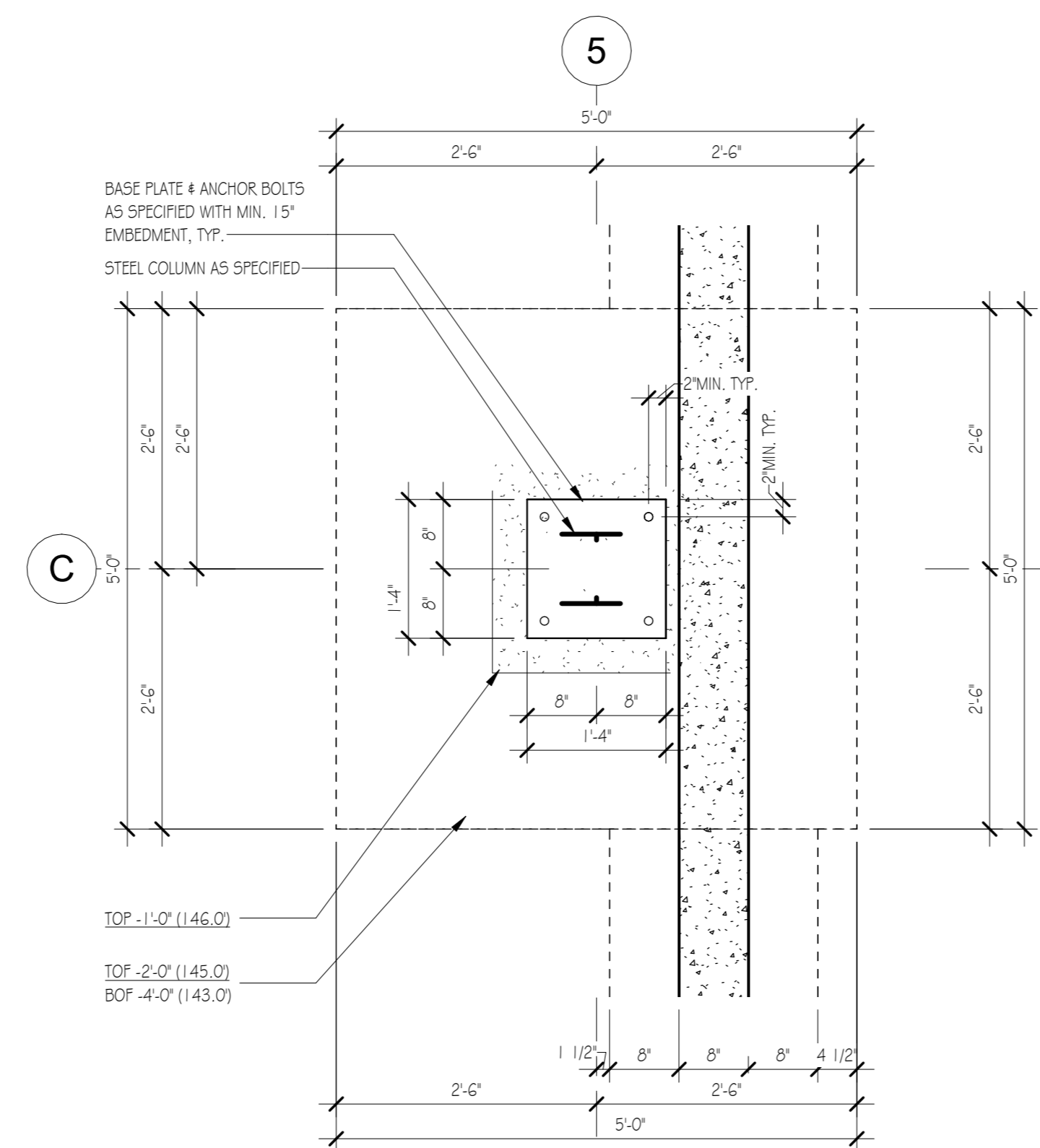
Footing Detail F9

3/4" = 1'-0" F9
S1.2



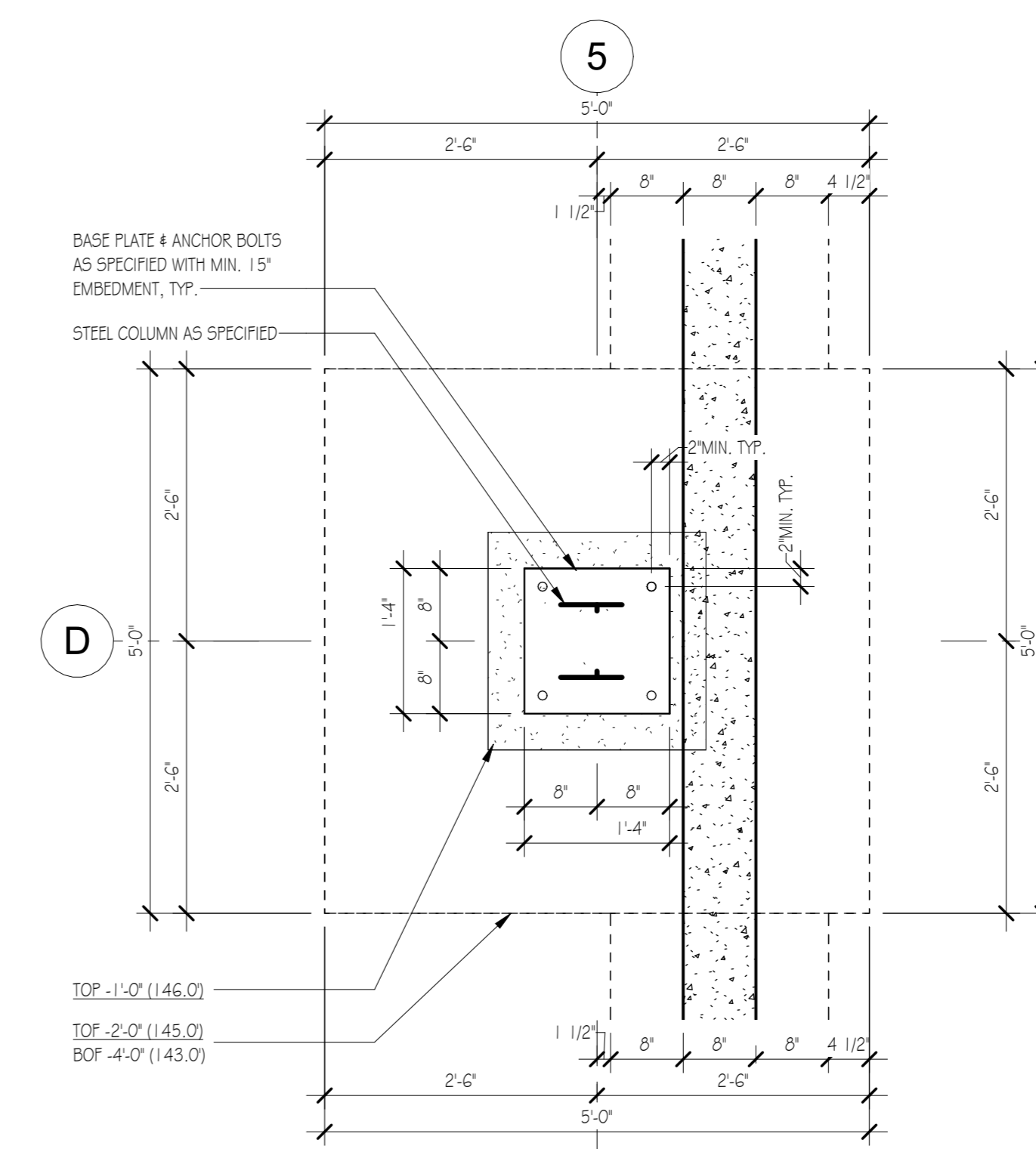
Footing Detail F10

3/4" = 1'-0" F10
S1.2



Footing Detail F11

3/4" = 1'-0" F11
S1.2



Footing Detail F12

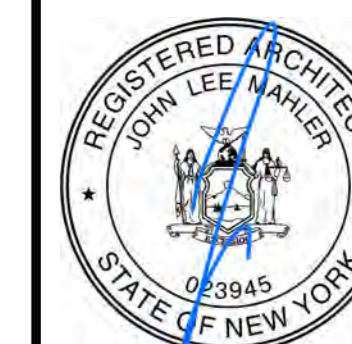
3/4" = 1'-0" F12
S1.2

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SEAL & SIGNATURE:		DESIGNED BY:	Author
		CHECKED BY:	Checker
		SCALE:	3/4" = 1'-0"
		DWG No.:	



S1.2

Applicant:
MRK Stony Brook, Inc.
1671-1 Route 112
Coram, NY 11727

Architect of Record:
JM2 Architecture, PC
2410 North Ocean Ave. Suite 300
Farmingville, NY 11736
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Structural Engineer:

MEP Engineer:
AMM Engineering
31 W. Main St. Suite 216
Patchogue, NY 11772

Surveyor:
Schneft & Murrell, P.C. Land Surveyors
126 Main Street
Sayville, NY 11782

Project Name

WPP BLDG 7

Project Address

1671-1 Route 112,
Coram, NY 11727

Project Type

New Construction

Revisions

Prelim - Issued for review	06/10/22
Prelim - Issued to Steel Fabricator	06/30/2022
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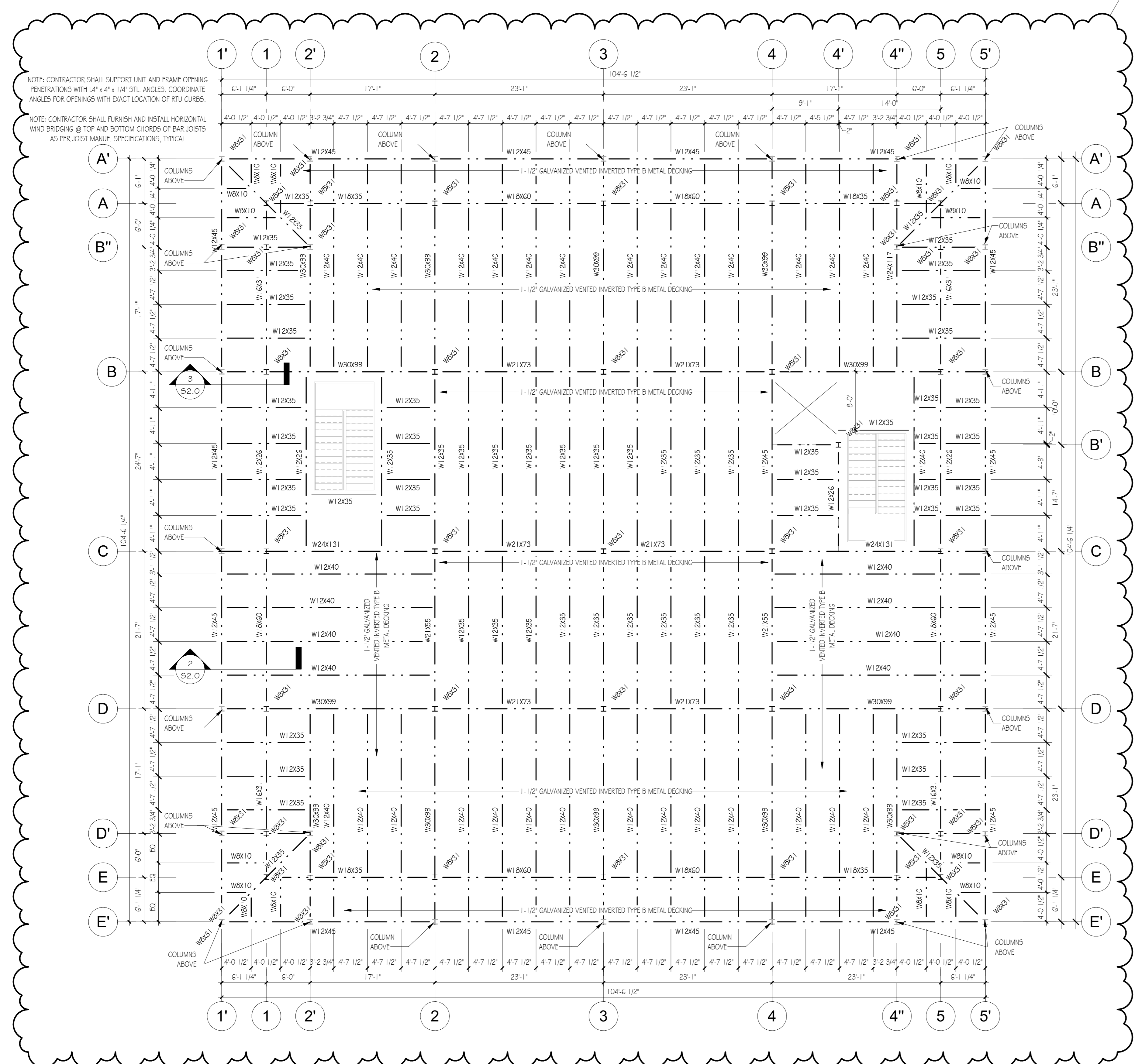
Drawing Title

Steel Framing Plan

SCTM# 200-229-3-28.1 & 29.2	BUILDING No:
SCHDS No.:	JM2 No. 2021-0542
PLANNING No.:	DATE: 09/16/24
SEAL & SIGNATURE:	DESIGNED BY: TF
	CHECKED BY: JM
	SCALE: As indicated
	DWG No:



S2.0



GENERAL STRUCTURAL STEEL NOTES

STRUCTURAL STEEL:

- STRUCTURAL STEEL DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", LATEST EDITION WITH AMENDMENTS, AND THE CURRENT AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS".
- STRUCTURAL TUBE STEEL SHALL CONFORM TO ASTM A 500, GRADE B (FY = 46 KSI).
- STRUCTURAL STEEL ROLLED SHAPES, EXCEPT PLATES AND ANGLES, SHALL CONFORM TO ASTM A 572, GRADE 50, UNLESS OTHERWISE NOTED.
- ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 GRADE 36, UNLESS OTHERWISE NOTED.
- ERECTOR SHALL MAINTAIN ADEQUATE TEMPORARY BRACING IN EACH DIRECTION UNTIL DIAPHRAGM AND LATERAL BRACE CONSTRUCTION IS COMPLETED.
- UNLESS OTHERWISE NOTED, BOLTED CONNECTIONS FOR STRUCTURAL STEEL MEMBERS SHALL BE MADE WITH 3/4" DIAMETER HIGH STRENGTH BOLTS, CONFORMING TO ASTM A325. EXCEPT AS NOTED, BOLTED CONNECTIONS SHALL BE TIGHTENED TO THE SHUG TIGHT CONDITION. BOLTED CONNECTIONS WHERE USED IN WIND BRACE ELEMENTS SHALL BE TIGHTENED USING THE TURN-OF-NUT METHOD. CONNECTIONS SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", APPROVED BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS OF THE ENGINEERING FOUNDATION.
- WELDING PROCEDURES SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY'S "STRUCTURAL WELDING CODE FOR STEEL ANSII / AWS D1.1", "REINFORCING STEEL ANSII / AWS D1.4", AND "SHEET STEEL ANSII / AWS D1.3".
- SPLICING OF STRUCTURAL STEEL MEMBERS WHERE NOT DETAILED ON THE CONTRACT DOCUMENTS IS PROHIBITED WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER AS TO LOCATION, TYPE OF SPLICE AND CONNECTION TO BE MADE.
- WELDED CONNECTIONS USING ASTM A572 STEEL AS A BASE METAL SHALL BE MADE WITH E70XX LOW HYDROGEN ELECTRODES. FOR OTHER GRADES OF STEEL PROPER ELECTRODES SHOULD BE SELECTED BASED UPON THE BASE METAL CHEMISTRIES.
- SURFACES WITHIN 2-INCHES OF ANY FIELD WELD SHALL BE FREE OF MATERIALS THAT WOULD PREVENT PROPER WELDING OR PRODUCE TOXIC FUMES WHILE WELDING IS BEING DONE.
- COMPOSITE BEAM SHEAR CONNECTORS (STUDS) SHALL BE MANUFACTURED OF COLD-DRAWN STEEL CONFORMING TO CURRENT ASTM A108. STUDS SHALL BE 3/4" DIAMETER X 5" LONG.
- BEAMS SHALL BE CAMBERED UPWARD WHERE SHOWN ON THE CONTRACT DOCUMENTS. WHERE NO UPWARD CAMBER IS INDICATED, ANY MILL CAMBER SHALL BE DETAILED UPWARD IN THE BEAMS.
- STRUCTURAL STEEL SHALL BE SHOP-PAINTED WITH A RUST INHIBITING PRIMER. PRIMER COLOR SHALL BE GRAY UNLESS OTHERWISE DIRECTED BY THE GENERAL CONTRACTOR OR OWNER. STEEL THAT WILL BE EXPOSED TO WEATHER SHALL RECEIVE ONE ADDITIONAL FINISH COAT. ALL ABRASIONS CAUSED BY HANDLING AFTER SHOP PAINTING SHALL BE TOUCHED-UP AFTER ERECTION IS COMPLETE. IF STEEL IS TO HAVE SPRAY ON FIREPROOFING APPLIED, PROVIDE NO COATINGS.
- THE STRUCTURAL STEEL CONTRACTOR SHALL PREPARE DETAILED WORKING OR SHOP DRAWINGS TO ENABLE THEM TO FABRICATE, ERECT AND CONSTRUCT ALL PARTS OF THE WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS AND SHALL SUBMIT ONE ELECTRONIC COPY TO THE STRUCTURAL ENGINEER FOR APPROVAL. THESE SHOP DRAWINGS WILL BE REVIEWED FOR DESIGN CONCEPTS EXPRESSED IN THE CONTRACT DOCUMENTS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONS, ACCURACY, AND FIT OF WORK.

STEEL DECK:

- PROVIDE AND ERECT STEEL DECK IN ACCORDANCE WITH THE LATEST EDITION OF THE STEEL DECK INSTITUTES SPECIFICATIONS AND CODE OF STANDARD PRACTICE.
- DECK MANUFACTURER SHALL PROVIDE ALL ROOF DECK ACCESSORIES, INCLUDING CLOSURES, SUPPLEMENTARY FRAMING, AND SUMP PANS.
- STEEL ROOF DECK AND ACCESSORIES SHALL BE GALVANIZED, ALUMINIZED OR SHOP PAINTED WITH A RUST INHIBITING PRIMER. PRIMER COLOR SHALL BE WHITE UNLESS OTHERWISE DIRECTED BY THE GENERAL CONTRACTOR OR OWNER. IF ROOF DECK IS TO HAVE SPRAY ON FIREPROOFING APPLIED, PROVIDE NO COATINGS.
- WHERE DECK COATINGS ARE DAMAGED BY WELDING OPERATIONS DURING ERECTION AND INSTALLATION, ERECTOR SHALL COAT DAMAGED AREA WITH A RUST INHIBITING PRIMER TO RESTORE THE DECK TO ITS ORIGINAL CONDITION AND COLOR.
- ROOF DECK WHICH WILL BE EXPOSED TO WEATHER SHALL HAVE ONE ADDITIONAL FINISH COAT OF RUST INHIBITING PAINT, FIELD APPLIED.
- ROOF DECK SHALL BE ATTACHED TO THE STRUCTURAL STEEL IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY'S "STRUCTURAL WELDING CODE - SHEET STEEL ANSII / AWS D1.3".
- COMPOSITE STEEL FLOOR DECK SUPPORTING INTERIOR SLABS SHALL BE EITHER SHOP PAINTED WITH PHOSPHATIZED PAINT OR HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A525, CLASS G 60.
- STEEL FLOOR DECK SUPPORTING EXTERIOR SLABS SHALL BE GALVANIZED IN ACCORDANCE WITH THE LATEST EDITION OF ASTM A525, CLASS G 60.
- DECK MANUFACTURER SHALL PROVIDE ALL FLOOR DECK ACCESSORIES, SUCH AS EDGE FORMS, CLOSURES, FILLERS AND POUR STOPS FOR A COMPLETE INSTALLATION, WHETHER OR NOT SUCH ITEMS ARE DETAILED ON THE CONTRACT DOCUMENTS.
- UNLESS OTHERWISE SHOWN OR NOTED, FLOOR DECK SHALL BE ATTACHED TO THE STRUCTURAL STEEL IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

DESIGN DATA:

THE BUILDING STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE.

ROOF LOADS

- LIVE LOAD 26 PSF
- DEAD LOAD 17 PSF
- GROUND SNOW LOAD (Pg) 30 PSF
- FLAT ROOF SNOW LOAD (P) 21 PSF
- SNOW EXPOSURE FACTOR (Ce) 1.0
- SNOW LOAD IMPORTANCE FACTOR (Is) 1.0
- THERMAL FACTOR 1.0

WIND DESIGN DATA

- BASIC WIND SPEED (3 SECOND GUST) 135 MPH
- WIND LOAD IMPORTANCE FACTOR (I) 1.0
- WIND EXPOSURE CATEGORY B
- INTERNAL PRESSURE COEFFICIENT +/- .18
- COMPONENTS AND CLADDING WIND SUCTION ON ROOF 49 PSF CORNER, 49 PSF PERIMETER, 30 PSF FIELD
- COMPONENTS AND CLADDING WIND SUCTION ON WALLS 36 PSF PERIMETER, 29 PSF FIELD

SEISMIC DESIGN DATA

- 0.2 SEC. MAPPED MCE GROUND MOTION (S5) - 0.221
- 0.2 SEC. 5% DAMPED SPECTRAL RESPONSE ACCELERATION (S05) -0.236
- 1.0 SEC. MAPPED MCE GROUND MOTION (S1) - 0.057
- 1.0 SEC. 5% DAMPED SPECTRAL RESPONSE ACCELERATION (S01) - 0.091
- OCCUPANCY IMPORTANCE FACTOR (I) - 1.0
- ASSUMED SEISMIC SITE CLASS - D
- SEISMIC DESIGN CATEGORY - B
- BASIC STRUCTURAL AND SEISMIC RESISTING SYSTEM = PRECAST CONCRETE SHEAR WALLS AND ORDINARY CONCENTRICALLY BRACED STEEL FRAMES
- ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE
- RESPONSE MODIFICATION COEFFICIENT (R) = 4.5/25
- SEISMIC RESPONSE COEFFICIENT (Cs) = .059/073
- BASE SHEAR (V) = .059W/073W

CONCRETE NOTES:

REFER TO CONCRETE NOTES ON PAGE A-1.3

QUALITY ASSURANCE PLAN: ALL INSPECTIONS, TESTING AND VERIFICATIONS SHALL BE IN ACCORDANCE WITH NYSBCS SECTION 1705 AND TABLE 1705.2.3 AND AS FOLLOWS.

STRUCTURAL STEEL (OPEN-WEB STEEL JOISTS AND JOIST GIRDERS)	FREQUENCY	
	CONTINUOUS	PERIODIC
1. END CONNECTIONS - WELDING OR BOLTING		X
2. BRIDGING - HORIZONTAL OR DIAGONAL		X
A. STANDARD BRIDGING		X
B. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1		X

NOTES:

1. REPORTS OF INSPECTIONS, VERIFICATIONS, AND/OR TESTING SHALL BE SUBMITTED EVERY TWO WEEKS OR LESS AS REQUIRED TO ALLOW FOR TIMELY REVIEW AND FIELD MODIFICATIONS IF ANY ARE REQUIRED.
2. THE SPECIAL INSPECTIONS LISTED ARE IN ADDITION TO THE INSPECTIONS REQUIRED BY SECTION 1.09 OF THE NYSBC AS AMENDED.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE SPECIAL INSPECTION AGENCY AT LEAST ONE WORKING DAY PRIOR TO PERFORMING ANY WORK THAT REQUIRES SPECIAL INSPECTION.

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MEP Engineer:

AMM Engineering
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Surveyor:

Schnepf & Murrell, P.C. Land Surveyors
126 Main Street
Sayville, NY 11782

Project Name

WPP BLDG 7

Project Address

1671-1 Route 112,
Coram, NY 11727

Project Type

New Construction

Revisions

Prelim - Issued for review	
Prelim - Issued to Steel Fabricator	06/10/22
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Prelim - Issued to MEP Consultant	07/06/2022
REVISIONS PER OWNER COMMENTS	09/16/2024
MINOR REVISIONS PER OWNERS COMMENTS	10/03/2024

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Drawing Title

Structure Notes &
Details

SCTM# 200-229-3-2B.1 & 29.2 BUILDING No:

SCDHS No.: JM2 No: 2021-0542

PLANNING No: DATE: 09/16/24

SEAL & SIGNATURE: DESIGNED BY: TF

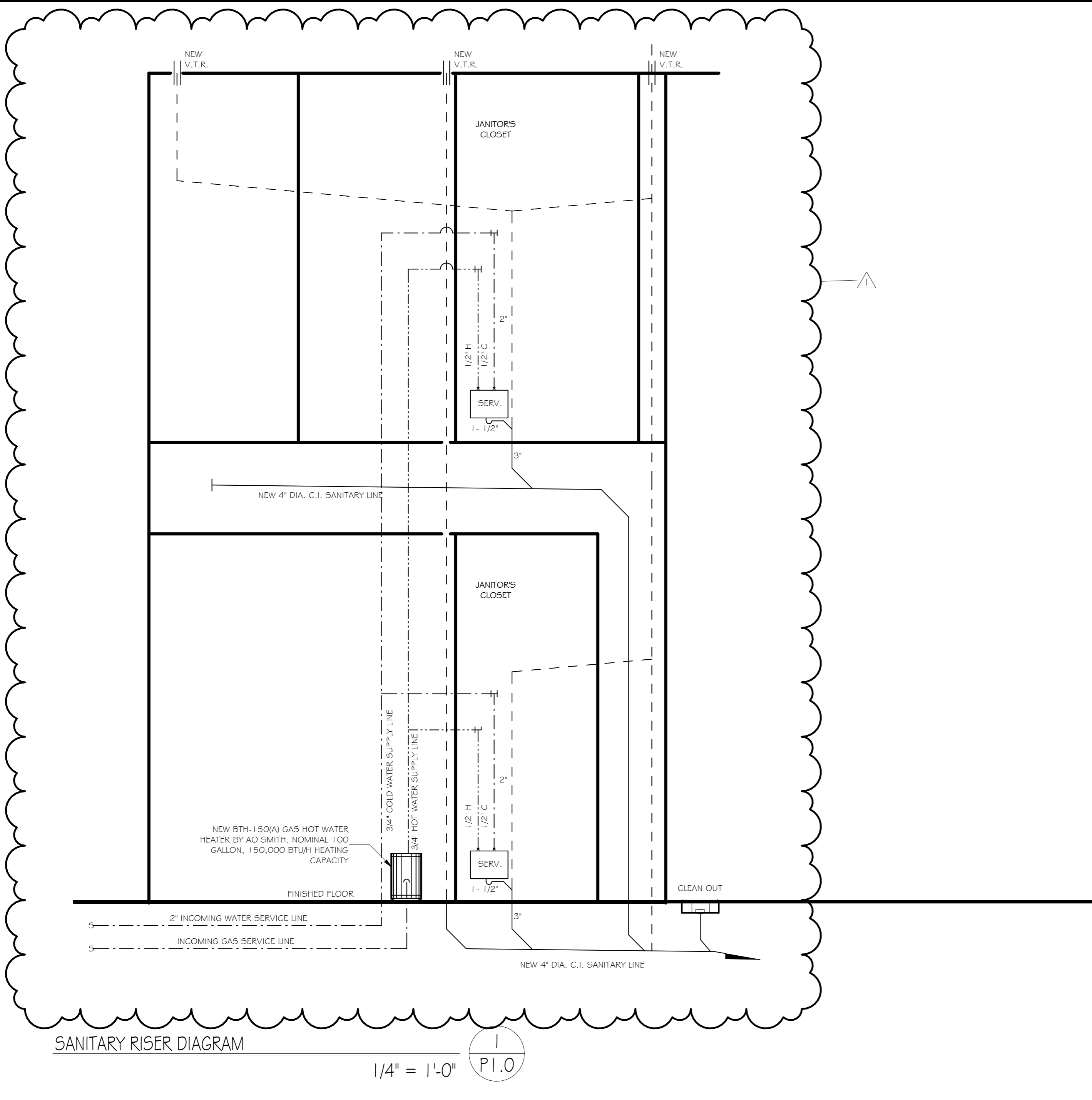
CHECKED BY: JM

SCALE:

DWG No:



S2.2



SANITARY RISER DIAGRAM
1/4" = 1'-0" P1.0

PLUMBING NOTES

1. ALL TOILET ROOMS SHALL BE CONSTRUCTED AND/OR MODIFIED IN ACCORDANCE WITH THE LATEST ANSI STANDARDS & NYS BUILDING CODE.
2. ALL TOILET ROOMS SHALL BE MECHANICALLY VENTED TO EXTERIOR IN ACCORDANCE WITH SEC. 1004.2 OF INTERNATIONAL BLDG. CODE.
3. 1" INSULATION SHALL BE USED ON ALL HOT WATER SERVICE PIPING. INSULATE ALL EXPOSED HORIZONTAL PIPING ABOVE CEILINGS, DRAINAGE & WATER SUPPLY LINES IN ACCORDANCE WITH ANSI A117.1 STANDARDS, SEE TABLE 403.2.10.
4. CONTROLS SHALL SHUT OFF HEAT TRACE AND PUMPS WHEN HEATING SYSTEM IS NOT IN OPERATION
5. ALL COPPER TUBING SHALL CONTAIN 20% MAX. LEAD CONTENT
6. PLASTIC MATERIALS ARE NOT TO BE USED FOR VENTS, ROOF DRAINS, HOT & COLD WATER LINES & SANITARY SYSTEMS.
7. HOT WATER HEATERS SHALL BE EQUIPPED WITH RELIEF VALVE & OUTLET OR PIPE TO DISCHARGE SO AS NOT TO CREATE A HAZARD OR DAMAGE.
8. NO RELIEF OUTLETS OR PIPING SHALL BE CONNECTED TO ANY DRAINAGE OR VENT PIPING.
9. ALL PLUMBING WORK SHALL COMPLY WITH NYS ENERGY CONSERVATION CODE, NYS BUILDING CODE AND FIRE CODES, S.C.D.H.S. & S.C.D.P.H. & ALL OTHER CODES OF AUTHORITIES HAVING JURISDICTION.
10. DOMESTIC HOT WATER SHALL BE SUPPLIED BY ELECTRIC HOT WATER HEATERS AS SPECIFIED.
11. ALL UNDER GROUND COPPER WATER LINES SHALL BE TYPE K COPPER. ALL WATER LINES IN BUILDING ABOVE GROUND SHALL BE TYPE L COPPER.
12. ALL WORK UNDER THIS APPLICATION SHALL CONSIST OF FURNISHING ALL LABOR, MATERIALS, EQUIPMENT & FIXTURES NECESSARY OR REQUIRED TO PERFORM & COMPLETE ALL WORK.
13. WATER SIZES TO FIXTURES SHALL BE AS FOLLOWS 1/2" TO LAVATORIES, KITCHEN SINKS, AND 3/4" TO WATER CLOSETS.
14. CONTRACTOR SHALL COORDINATE PLUMBING DRAWINGS WITH ARCHITECTURAL, ELECTRICAL & MECHANICAL PLANS AS REQUIRED.

FIXTURE CALCULATIONS

THE FOLLOWING PLUMBING FIXTURE ANALYSIS IS BASED ON THE OCCUPANT LOAD AS PER TABLE 1004.1.2 AND THE MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES AS PER 403.1 OF THE 2020 NYS PLUMBING CODE. THE FOLLOWING FIXTURE BREAKDOWN SHALL BE BASED ON EACH AREA SERVED. THE FOLLOWING OCCUPANCY LOAD CALCULATIONS ARE IN ACCORDANCE WITH CHAPTER 10, TABLE 1004.1.2 OF THE NYS BUILDING CODE.

FIRST FLOOR: 7,065 SF / 150 SF/OCC = 48 OCCUPANTS
SECOND FLOOR: 9,909 SF / 150 SF/OCC = 67 OCCUPANTS

REQUIRED FIXTURES FOR BUSINESS (B) OCCUPANCIES AS PER SECTION 403 & TABLE 403.1 SHALL BE AS FOLLOWS:

FIRST FLOOR (B)
WATER CLOSETS:
MALE/FEMALE: (1) PER 25 OCCUPANTS FOR FIRST 50, (1) PER 50 OCCUPANTS THEREAFTER
(2) WATER CLOSETS REQUIRED
(1) WATER CLOSET PROVIDED FOR MALE OCCUPANTS
(1) WATER CLOSET PROVIDED FOR FEMALE OCCUPANTS

LAVATORY:
MALE/FEMALE: (1) PER 40 OCCUPANTS FOR FIRST 80, (1) PER 80 OCCUPANTS THEREAFTER
(2) LAVATORIES TOTAL REQUIRED
(1) LAVATORY PROVIDED FOR MALE OCCUPANTS
(1) LAVATORY PROVIDED FOR FEMALE OCCUPANTS

SECOND FLOOR (B)
WATER CLOSETS:
MALE/FEMALE: (1) PER 25 OCCUPANTS FOR FIRST 50, (1) PER 50 OCCUPANTS THEREAFTER
(2) WATER CLOSETS REQUIRED
(2) WATER CLOSETS AND (1) URINAL PROVIDED FOR MALE OCCUPANTS
(3) WATER CLOSETS PROVIDED FOR FEMALE OCCUPANTS

LAVATORY:
MALE/FEMALE: (1) PER 40 OCCUPANTS FOR FIRST 80, (1) PER 80 OCCUPANTS THEREAFTER
(3) LAVATORIES TOTAL REQUIRED
(2) LAVATORIES PROVIDED FOR MALE OCCUPANTS
(2) LAVATORIES PROVIDED FOR FEMALE OCCUPANTS

DRINKING FOUNTAIN:
(1) PER 500 OCCUPANTS
(1) ADA & STANDING PERSONS DRINKING FOUNTAINS PROVIDED PER FLOOR

SERVICE SINK:
(1) SERVICE SINK REQUIRED, (1) SERVICE SINK PROVIDED PER FLOOR

VENT SIZING CALCULATIONS

THE MINIMUM REQUIRED DIAMETER OF STACK VENTS AND VENT STACKS SHALL BE DETERMINED FROM THE DEVELOPED LENGTH AND THE TOTAL OF DRAINAGE FIXTURE UNITS CONNECTED THERETO IN ACCORDANCE WITH TABLE 906.2, BUT IN NO CASE SHALL THE DIAMETER BE LESS THAN ONE-HALF OF THE DIAMETER OF THE DRAIN SERVED OR LESS THAN 1/4".

WOMEN'S TOILET ROOM:
3 TOILETS x 4 UNITS = 12
1 LAVATORIES x 1 UNIT = 1

MEN'S TOILET ROOM:
3 TOILETS x 4 UNITS = 12
1 LAVATORIES x 1 UNIT = 1

ADDITIONAL:
2 DRINK. FOUNT. x .5 UNITS = 1
2 SERVICE SINKS x 2 UNITS = 4
TOTAL 31 UNITS W/ 50' MAX LENGTH, THEREFORE 3" VENT TO ROOF

TABLE 906.1 SIZE AND DEVELOPED LENGTH OF VENTS

DIAMETER OF SOIL OR WASTE STACK (INCHES)	TOTAL FIXTURE VENTED UNITS BEING (dfu)	DIAMETER OF VENT (INCHES)										
		1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
1 1/4	2	30										
1 1/2	8	50	150									
1 1/2	10	30	100									
2	12		75	200								
2	20	30	50	150								
2 1/2	42	26	30	100	300							
3	10		42	150	360	1,040						
3	21		32	110	270	810						
3	53		27	94	230	680						
3	102		25	86	210	620						
4	43			35	85	250	990					
4	140			27	65	200	750					
4	320			23	55	170	640					
4	540			21	50	150	590					
5	190				28	82	320	990				
5	490				21	63	250	760				
5	940				18	53	210	670				
5	1,400				16	48	90	590				
6	500					33	130	400	1,000			
6	1,100					26	100	310	780			
6	2,000					22	84	260	660			
6	2,900						20	77	240	600		
8	1,800						31	95	240	940		
8	3,400						24	73	180	720		
8	5,600							20	160	610		
8	7,600							140	96	560		
10	4,000							31	78	310	960	
10	7,200							24	60	240	740	
10	11,000							51	200	200	200	
10	15,000								46	180	570	
12	7,300							31	120	380	940	
12	13,000							24	94	300	720	
12	20,000							20	79	250	610	
12	26,000								18	230	500	
15	15,000								72	130	310	
15	25,000								40	96	240	
15	38,000								26	81	200	
15	50,000								24	74	180	

NOTE: THE DEVELOPED LENGTH SHALL BE MEASURED FROM THE VENT CONNECTION TO THE OPEN AIR.

STORM DRAIN PIPE SIZING

PIPE SIZE (inches)	CAPACITY (gpm)				
	VERTICAL DRAIN	SLOPE OF HORIZONTAL DRAIN			
		1/16 inch per foot	1/8 inch per foot	1/4 inch per foot	1/2 inch per foot
2	34	15	22	31	44
3	87	39	55	79	111
4	180	81	115	163	231
5	311	117	165	234	331
6	538	243	344	487	689
8	1,117	505	714	1,010	1,429
10	2,050	927	1,311	1,855	2,623
12	3,272	1,480	2,093	2,960	4,187
15	5,543	2,508	3,546	5,016	7,093

For 5/8" 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 gallon per minute = 3.785 L/m.

TABLE 1106.3 VERTICAL LEADER SIZING

SIZE OF LEADER (inches)	CAPACITY (gpm)
2	30
2 x 2	30
1 1/2 x 2 1/2	30
2 1/2	54
2 1/2 x 2 1/2	54
3	92
2 x 4	92
2 1/2 x 3	92
4	192
3 x 4 1/4	192
3 1/2 x 4	192
5	360
4 x 5	360
4 1/2 x 4 1/2	360
6	563
5 x 6	563
5 1/2 x 5 1/2	563
8	1208
6 x 8	1208

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Sayville, NY 11782

Project Name
WPP BLDG 7

Project Address
1671-1 Route 112,
Coram, NY 11727

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Revisions

NO.	DESCRIPTION	DATE
1	Prelim - Issued for review	
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5	REVISIONS PER OWNER COMMENTS	08/16/2024
6	MINOR REVISIONS PER OWNERS COMMENTS	10/03/2024

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Drawing Title
Riser Diagram & Notes

SCTM#	200-229-3-28.1 & 29.2	BUILDING No.	
SCDS No.		JM2 No.	2021-0542
PLANNING No.		DATE	08/16/24
SEAL & SIGNATURE:		DESIGNED BY:	TF
		CHECKED BY:	JM
		SCALE:	1/4" = 1'-0"
		DWG No.	P1.0