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CANTON TOWN HALL

CANTON, NORTH CAROLINA

CONSTRUCTION DOCUMENTS

JUNE 23, 2025



THE IMAGE SHOWN ABOVE IS FOR CONCEPTUAL DESIGN PURPOSES ONLY AND IS NOT TO BE USED FOR CONSTRUCTION AND/OR INTERPRETING DESIGN INTENT.

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JUNE 23, 2025

CANTON TOWN HALL

No.	Description	Date

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

COVER SHEET

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A/C	AIR CONDITION	EXH	EXHAUST	MO	MASONRY OPENING
A/C UNIT	AIR CONDITIONING UNIT	EXIST	EXISTING	MR	MOISTURE RESISTANT
AB	ANCHOR BOLT	EXP	EXPANSION	MRB	MARBLE BASE
ACC	ACCESSIBLE	EXP BT	EXPANSION BOLT	MRF	MARBLE FLOOR
ACC FL	ACCESSIBLE FLOOR	EXT	EXTERIOR	MRT	MARBLE THRESHOLD
ACOUS	ACOUSTICAL	F/F	FINISH TO FINISH	MT	METAL THRESHOLD
ACS PNL	ACCESS PANEL	FA	FIRE ALARM	MTD	MOUNTED
ACT	ACOUSTICAL CEILING TILE	FAB	FABRIC	MTG	MOUNTING
AD	AREA DRAIN	FACTY FIN	FACTORY FINISH	MTL	METAL
ADDM	ADDENDUM	FD	FLOOR DRAIN	MULL	MULLION
ADH	ADHESIVE	FDN	FOUNDATION	MLWK	MILLWORK
ADJ	ADJACENT; ADJUSTABLE	FE	FIRE EXTINGUISHER	N	NORTH
AGGR	AGGREGATE	FEC	FIRE EXTINGUISHER CABINET	N/A	NOT APPLICABLE
AHU	AIR HANDLING UNIT	FEE	FINISH FLOOR ELEVATION	NAT	NATURAL
ALT	ALTERNATE	FHO	FIRE HOSE CABINET	N/C	NOT IN CONTRACT
ALUM	ALUMINUM	FIN	FINISH	NID	NOMINAL INSIDE DIAMETER
ANOD	ANODIZED	FLASH	FLASHING	NM	NON-METALLIC
APPD	APPROVED	FLDGS	FOLDING	NOM	NOMINAL
APPROX	APPROXIMATE (LY)	FLEX	FLEXIBLE	NON COMB	NON COMBUSTIBLE
ARCH	ARCHITECT (URAL)	FLG	FLOORING	NRC	NOISE REDUCTION COEFFICIENT
ASPH	ASPHALT	FLR	FLOOR	NST	NATURAL STONE
AUTO	AUTOMATIC	FLUOR	FLUORESCENT	NTS	NOT TO SCALE
AV	AUDIO VISUAL	FOF	FACE OF CONCRETE; CURB	OC	ON CENTER
		FOM	FACE OF FINISH	OD	OUTSIDE DIAMETER
BBD	BASEBOARD	FOS	FACE OF STUDS	OW	OWNER FURNISHED/
BD	BOARD	FOV	FACE OF WALL	OYCI	OWNER INSTALLED
BF	BOTH FACES	FP	FIRE PROTECTION; FIREPROOF	OF/OI	OWNER FURNISHED/
BITUM	BITUMINOUS	PFL	FIREPROOF	OFD	OVERFLOW DRAIN
BKG	BACKING	PRD	FIBERGLASS REINFORCED PLASTIC;	OFF	OFFICE
BLDG	BUILDING	FRP	FIBER REINFORCED POLYESTER	OH	OVERHANG
BLKG	BLOCKING	FRR	FIRE RESISTANCE RATED	OPH	OPPOSITE HAND
BM	BEAM	FRTW	FIRE RESISTANT TREATED WOOD	OPNG	OPENING
BOT	BOTTOM	FRZ	FREEZER	OPP	OPPOSITE
B-RD	BACKER ROD	FLR SK	FLOOR SINK	OPR	OPERABLE
BR	BEDROOM	FT	FOOT; FEET	OPT	OPTIONAL
BRG	BRACING	FRT	FIRE RETARDANT TREATED	ORD	OVERFLOW ROOF DRAIN
BRG	BEARING	FTG	FOOTING	OTH	OVERHEAD
BRZ	BRONZE	FURG	FURRING	TOB	TOP OF BEAM
BS	BOTH SIDES	FUT	FUTURE	TOC	TOP OF CONCRETE; TOP OF CURB
BSMT	BASEMENT	FXT	FIXTURE	TOW	TOP OF MASONRY
BTWN	BETWEEN			TOP	TOP OF PARAPET;
				TOS	TOP OF SLAB
				TOT	TOP OF TRUSS
				TOW	TOP OF WALL
				TP	TOILET PARTITION
				TRANS	TRANSOM; TRANSPARENT
				TRTD	TREATED
				TS	TUBE STEEL
				TV	TELEVISION
				TYP	TYPICAL
				UC	UNDERCUT
				UNF	UNFINISHED
				UNFO	UNLESS NOTED OTHERWISE
				UR	URNAL
				V	VARIABLE
				VAR	VARIABLE
				VERT	VERTICAL
				VEST	VESTIBULE
				VIF	VERIFY IN FIELD
				VFAT	VINYL FACED ACOUSTICAL TILE
				VNR	VENER
				VOL	VOLUME
				VS	VENT STACK; VERSUS
				VT	VINYL TILE
				VTR	VENT THROUGH ROOF
				VWC	VINYL WALLCOVERING
				VTN	VINYL COATED CEILING BOARD
				PVG	PAVING
				QT	QUARRY TILE
				OTB	QUARRY TILE BASE
				QTY	QUANTITY
				R	RADIUS; RISER
				RB	RESILIENT BASE
				REF	REFLECTED CEILING PLAN
				RD	ROOF DRAIN
				REBAR	REINFORCING STEEL BARS
				REQD	REQUIRED
				REIN	REINFORCE
				REM	REMOVABLE
				REQMT	REQUIREMENT
				RESIL	RESILIENT
				REVS	REVERSED
				RIG INS	RIGID INSULATION
				RF	RESILIENT FLOORING
				ROOFING	ROOFING
				RH	RIGHT HAND
				THRU	THROUGH
				RL	RAILING
				RLG	RAILING
				RM	ROOM
				RND	ROUND
				RO	ROUGH OPENING
				ROW	RIGHT OF WAY
				RS	ROUGH SAWN
				RVS	REVERSE; REVERSE SIDE
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				SC	SOLID CORE
				SCD	SEAT COVER DISPENSER
				SCHED	SCHEDULE
				STN CONC	STAINED CONCRETE
				SCP	SCUPPER
				SCR	SHOWER CURTAIN ROD
				SD	SMOKE DETECTOR; STORM DRAIN
				SEAL CON	SEALED CONCRETE
				SEC	SECTION
				SF	SQUARE FOOT (FEET)
				SH	SHED
				SHR	SHOWER
				SHR H	SHOWER HEAD
				SHRD	SHOWER DRAIN
				SHT	SHEET
				SHTHG	SHEATHING
				SM	SIMILAR
				SLDG	SLIDING
				UL	UNDERWRITERS LABORATORIES

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GENERAL CONDITIONS

- SEE PROJECT SPECIFICATION MANUAL FOR GENERAL AND SUPPLEMENTARY CONDITIONS.
- IF COMPLIANCE WITH TWO OR MORE STANDARDS IS SPECIFIED AND THE STANDARDS ESTABLISH DIFFERENT OR CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITY OR QUALITY LEVELS, COMPLY WITH THE MOST STRINGENT REQUIREMENT. REFER UNCERTAINTIES TO ARCHITECT FOR A DECISION BEFORE PROCEEDING.
- THE QUANTITY OR QUALITY LEVEL SHOWN OR SPECIFIED SHALL BE THE MINIMUM PROVIDED OR PERFORMED. THE ACTUAL INSTALLATION MAY COMPLY EXACTLY WITH THE MINIMUM QUANTITY OR QUALITY SPECIFIED, OR IT MAY EXCEED THE MINIMUM WITHIN REASONABLE LIMITS. TO COMPLY WITH THESE REQUIREMENTS, REFER UNCERTAINTIES TO ARCHITECT FOR A DECISION BEFORE PROCEEDING.

DIMENSIONS

- ALL DIMENSIONS SHALL BE FROM THE FACE OF FINISH SURFACES WITH THE EXCEPTION OF ANYTHING BEING DIMENSIONED FROM COLUMN LINES OR NOTED OTHERWISE.
- ALIGNMENT INDICATION SHALL BE FINISHED FACE OF WALL TO FINISHED FACE OF PARTITION OR WALL UNLESS NOTED OTHERWISE.
- PARTITION ANGLES ARE PARALLEL, PERPENDICULAR OR 45 DEGREE ANGLES TO BUILDING PERIMETER UNLESS NOTED OTHERWISE.
- CENTERLINE DIMENSIONS SHALL BE MEASURED FROM CENTERLINE OF ASSEMBLY, FIXTURE OR DEVICE.
- CENTERLINE INDICATION AT PARTITIONS ABUTTING BUILDING ELEMENTS (MULLIONS, COLUMNS, OR PILASTERS), SHALL ALIGN CENTER OF PARTITION ASSEMBLY WITH CENTER OF ELEMENT UNLESS NOTED OTHERWISE.
- DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM ARCHITECT.
- LOCATE DOOR FRAME 4" MIN. FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.

PARTITIONS

- ALIGNMENT OF PARTITIONS WITH NEW OR EXISTING CONSTRUCTION SHALL PROVIDE A SMOOTH, UNINTERRUPTED FINISH SURFACE.
- PROVIDE REQUIRED ACCESS PANELS IN PARTITIONS FOR MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. LOCATION OF ACCESS PANEL SHALL BE VERIFIED WITH ARCHITECT PRIOR TO CONSTRUCTION.
- PENETRATION OF PARTITIONS FOR MECHANICAL SYSTEMS SHALL BE HERMETICALLY SEALED. PENETRATIONS WITHIN RATED PARTITION ASSEMBLIES SHALL PROVIDE FOR REQUIRED DAMPERING DEVICES, SLEEVES, AND FIREPROOFING TO MAINTAIN APPROVED RATINGS.
- G. C. TO PROVIDE SOLID WOOD BLOCKING (OR STEEL PLATE BLOCKING WHEN METAL STUDS ARE USED) AS REQUIRED FOR ALL TOILET ROOM ACCESSORIES, CABINETS AND INSTALLATION OF GRAB BARS, TV / AV EQUIPMENT PER APPLICABLE ACCESSIBILITY CODES.
- CABINETS SHALL MEET ALL APPLICABLE ACCESSIBILITY CODES.
- ALL FINISH AND COLOR SELECTIONS SHALL BE APPROVED BY OWNER.
- CENTER DOOR ON LENGTH OF PARTITION. IF THE TWO SIDES OF PARTITION ARE UNEQUAL, THE DOOR TAG WILL BE ON THE SIDE THAT APPLIES.

CEILING

- MINIMUM HEIGHT OF OVERHEAD OBSTRUCTIONS ALONG AN ACCESSIBLE ROUTE SHALL BE MAINTAINED IN ACCORDANCE WITH APPLICABLE CODES.
- PROVIDE REQUIRED ACCESS PANELS IN CEILING FOR MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. LOCATIONS OF ACCESS PANEL SHALL BE VERIFIED WITH ARCHITECT PRIOR TO CONSTRUCTION.
- PENETRATIONS AND OPENINGS IN CEILING FOR FIXTURES OR MECHANICAL SYSTEM PATHS AND REGISTERS SHALL BE PRECISELY CUT FOR INSTALLED ITEMS WITH EDGES TO BE CONCEALED BY MOUNTING TRIM OR COVER. INSTALLATION OF TRIM AND COVERS SHALL BE FLUSH TO SURFACE.
- FIXTURES AND REGISTERS SHALL ALIGN SQUARE AND LEVEL WITH FINISHED CEILING.
- DO NOT USE DUCTS, PIPES AND CONDUIT TO SUPPORT CEILING SYSTEM. PROVIDE BRACING AS REQUIRED BY SEISMIC ZONE.

ELECTRICAL AND COMMUNICATIONS

- ADJACENT WALL MOUNTED SINGLE DUPLEX OUTLETS SHALL BE LOCATED 6" O.C. UNLESS NOTED OTHERWISE.
- WALL MOUNTED ELECTRICAL ITEMS ON COLUMNS SHALL BE INSTALLED ON COLUMN CENTERLINE. WHERE MULTIPLE ELECTRICAL ITEMS OCCUR AT THE SAME HEIGHT, THEY SHALL BE PLACED SYMMETRICALLY ABOUT COLUMN CENTERLINE.
- FIXTURES SHALL BE INSTALLED SO THAT EDGES OF CUT-OUTS IN FINISH CAN BE CONCEALED BY MOUNTING TRIM OR COVER. INSTALLATION OF TRIM RINGS AND COVERS SHALL BE FLUSH WITH CEILING SURFACE.
- LIGHT FIXTURES SHALL BE CENTERED IN CEILING TILE OR SPACE UNLESS NOTED OTHERWISE.
- GROUPED SWITCHES SHALL BE MOUNTED WITHIN A SINGLE FACE PLATE, UNLESS NOTED OTHERWISE.
- SWITCHES SHALL BE MOUNTED AN OFFSET OF 6" TO CENTERLINE OF SWITCH FROM FRAME OR CASING OF LATCH JAMB OF DOOR, UNLESS NOTED OTHERWISE.
- ALL CONTROLS & SWITCHES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES OR AS NOTED ON DRAWINGS.

HVAC AND FIRE PROTECTION

- FIRE SUPPRESSION SUPPLY LINES SHALL BE MOUNTED TO PROVIDE CLEARANCE FOR RECESSED CEILING LIGHT FIXTURES AND EQUIPMENT.
- ALL CONTROLS & SWITCHES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES OR AS NOTED ON DRAWINGS.

SIGNAGE

- SIGNAGE FOR INSIDE THE STAIRWAY SHALL BE PROVIDED PER GOVERNING CODE AUTHORITY.
- PROVIDE CODE REQUIRED SIGNAGE AS REQUIRED BY GOVERNING CODE AUTHORITY (TEMPORARY IF NECESSARY FOR INSPECTION).

SLNT	SEALANT
SLT	SLATE TILE; SLATE
SMS	SHEET METAL SCREWS
SNB	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTACLE
SP	STANDPIPE
SPC	SPECIFICATION
SPKR	SPEAKER
SPKLR	SPRINKLER
SQ	SQUARE
SS	STAINLESS STEEL
SV SK	SERVICE SINK
SSM	SOLID SURFACE MATERIAL
ST	STONE
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STL LNTL	STEEL LINTEL
STN	STORAGE
STRUC	STRUCTURAL
STRUC T	STRUCTURE
SURR	SURROUND
SUSP	SUSPENDED
SV	SHEET VINYL
SVCE	SERVICE
SW	SIDEWALK; SOUTHWEST; SWITCH
SYMM	SYMMETRICAL
SVS	SYSTEM
T	TREAD
T&B	TOP AND BOTTOM
TOFF	TONGUE AND GROOVE
TB	TOWEL BAR
TD	TRENCH DRAIN
TEL	TELEPHONE
TEMP	TEMPORARY
THR	TERRAZZO
THK	THICK; THICKNESS
THRESH	THRESHOLD
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE; TOP OF CURB
TOW	TOP OF MASONRY
TOP	TOP OF PARAPET;
TOS	TOP OF SLAB
TOT	TOP OF TRUSS
TOW	TOP OF WALL
TP	TOILET PARTITION
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TV	TELEVISION
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UC	UNDERCUT
UNF	UNFINISHED
UNFO	UNLESS NOTED OTHERWISE
URN	URNAL
V	VARIABLE
VAR	VARIABLE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VFAT	VINYL FACED ACOUSTICAL TILE
VNR	VENER
VOL	VOLUME
VS	VENT STACK; VERSUS
VT	VINYL TILE
VTR	VENT THROUGH ROOF
VWC	VINYL WALLCOVERING
VTN	VINYL COATED CEILING BOARD
PVG	PAVING
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RLG	RAILING
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SEAL CON	SEALED CONCRETE
SEC	SECTION
SF	SQUARE FOOT (FEET)
SH	SHED
SHR	SHOWER
SHR H	SHOWER HEAD
SHRD	SHOWER DRAIN
SHT	SHEET
SHTHG	SHEATHING
SM	SIMILAR
SLDG	SLIDING
UL	UNDERWRITERS LABORATORIES

ARCHITECTURAL MATERIAL LEGEND

	BRICK (ELEVATION)		RIGID INSULATION
	BRICK (PLAN & SECTION)		BATT INSULATION
	CONCRETE		FINISHED WOOD
	CMU (PLAN & SECTION)		ROUGH WOOD (CONTINUOUS)
	CUT STONE / CAST STONE		ROUGH WOOD (NON-CONTINUOUS)
	GRANULAR FILL		PLYWOOD
	EARTH		STEEL
	GYPSUM, SHEATHING, SAND, OR PLASTER		ALUMINUM

ARCHITECTURAL SYMBOL LEGEND

	COLUMN LINE TAG		REVISION TRIANGLE
	WINDOW SYMBOL TAG		DATUM LINE, BEARING, OR FLOOR ELEVATION
	PARTITION TYPE TAG		DOOR TAG
	SHEET KEYNOTE		

	ELEVATION TAG		BUILDING SECTION TAG ON PLANS
	SHEET NUMBER FOR ELEVATION		MATCH LINE
	ELEVATION TAG W/ DIRECTION		INDICATES SIMILAR SECTION
	SHEET NUMBER FOR ELEVATION		INDICATES MIRRORRED SECTION
	DIRECTION ELEVATION IS TO BE VIEWED (TYP.)		INDICATES TYPICAL SECTION
	DETAIL TAG		DETAIL NUMBER
	DETAIL NUMBER		DETAIL NUMBER

GENERAL	
Sheet Number	Sheet Name
CS	COVER SHEET
G0.01	SHEET INDEX
G1.01	CODE SUMMARY
G2.01	OCCUPANCY PLANS
G2.11	LIFE SAFETY PLANS
G3.01	THERMAL ENVELOPE
G4.01	PARTITION TYPES AND SHELL ASSEMBLIES
G4.02	MOUNTING HEIGHTS

CIVIL	
Sheet Number	Sheet Name
C000	COVER SHEET
C001	SURVEY
C100	EXISTING CONDITIONS & DEMOLITION PLAN
C201	SITE PLAN
C501	FINE GRADING PLAN
C700	LANDSCAPE PLAN
C921	SITE DETAILS

STRUCTURAL	
Sheet Number	Sheet Name
S-001	COVER SHEET
S-002	GENERAL NOTES
S-003	STRUCTURAL LEGEND AND ABBREVIATIONS
S-101	BASEMENT & FIRST FLOOR PLANS
S-102	SECOND FLOOR PLANS
S-200	FOUNDATION SECTIONS
S-300	MASONRY SECTIONS
S-400	FRAMING SECTIONS

ARCHITECTURAL SITE	
Sheet Number	Sheet Name
AS1.01	ARCHITECTURAL SITE PLAN

ARCHITECTURAL DEMO	
Sheet Number	Sheet Name
D1.11	DEMO FLOOR PLANS
D2.01	DEMO EXTERIOR ELEVATIONS
D2.02	DEMO EXTERIOR ELEVATIONS
D4.01	DEMO REFLECTED CEILING PLANS

ARCHITECTURAL	
Sheet Number	Sheet Name

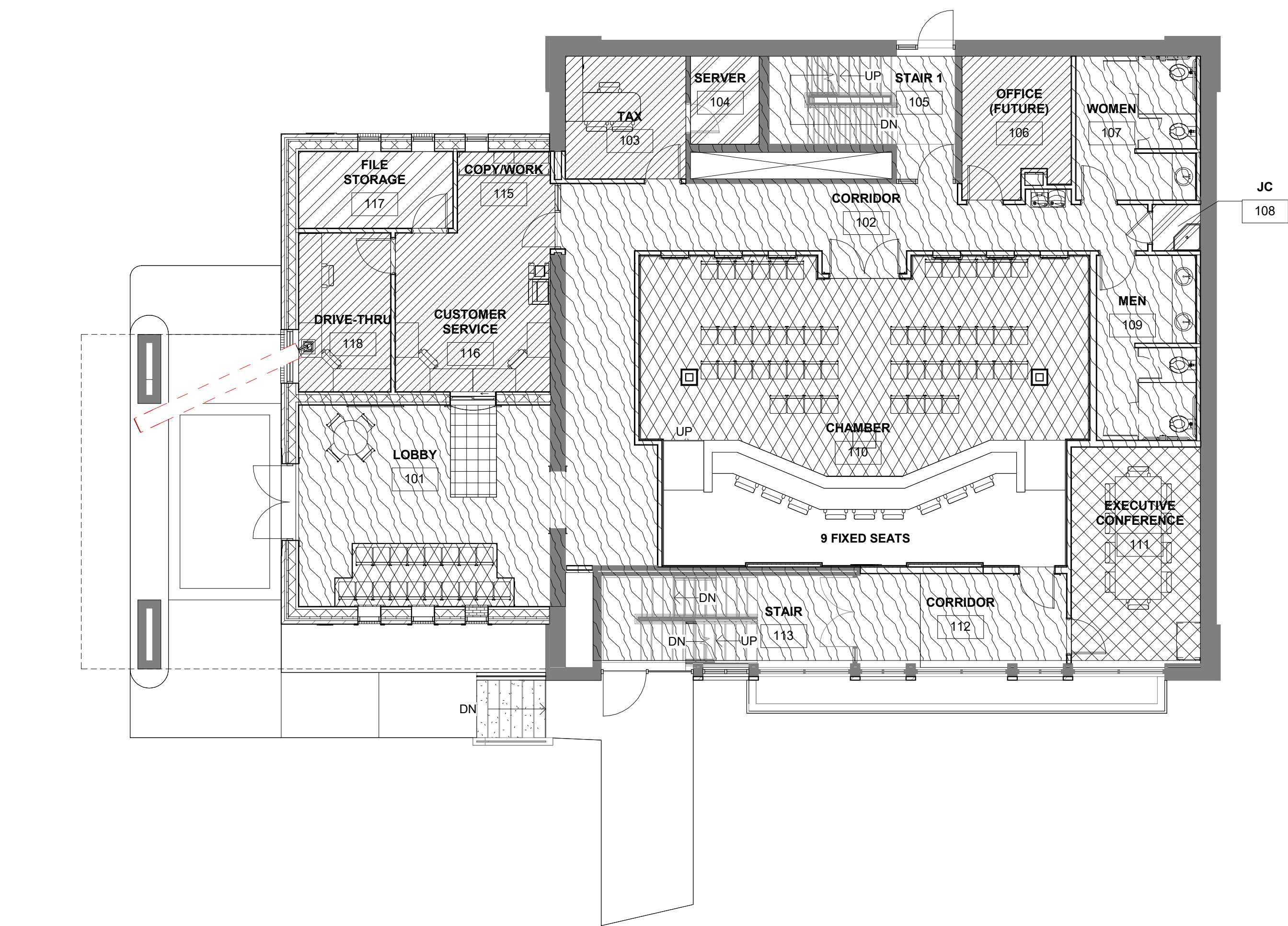
A1.11	BASEMENT PLAN
A1.12	FIRST FLOOR PLAN
A1.13	SECOND FLOOR AND ROOF PLAN
A2.01	EXTERIOR ELEVATIONS
A2.02	EXTERIOR ELEVATIONS
A3.01	ENLARGED PLANS
A3.11	ENLARGED RESTROOM ACCESSORIES & ELEVATIONS
A4.01	REFLECTED CEILING PLANS
A4.11	TYPICAL CEILING DETAILS
A4.12	TYPICAL CEILING DETAILS
A5.01	BUILDING SECTIONS
A6.01	WALL SECTIONS
A6.02	WALL SECTIONS
A7.01	PLAN DETAILS
A7.11	STANDARD PLAN DETAILS
A7.21	SECTION DETAILS
A7.22	SECTION DETAILS
A7.23	SECTION DETAILS
A7.31	STANDARD SECTION DETAILS
A7.41	STANDARD FLASHING DETAILS
A7.51	STANDARD ROOF DETAILS
A9.01	DOOR SCHEDULE
A9.02	DOOR JAMBS
A9.03	DOOR FRAMES AND ELEVATIONS
A9.04	TRANSITIONS
A9.11	WINDOW ELEVATIONS
A9.21	FINISH SCHEDULE
A10.01	BASEMENT FINISH PLAN & POSSIBLE FURNITURE LAYOUT
A10.02	FIRST FLOOR FINISH PLAN & POSSIBLE FURNITURE LAYOUT
A11.01	BASEMENT & FIRST FLOOR INTERIOR ELEVATIONS
A11.02	FIRST FLOOR INTERIOR ELEVATIONS
A12.11	CASEWORK DETAILS

PLUMBING	
Sheet Number	Sheet Name
P0.01	PLUMBING NOTES, DETAILS, AND SPECIFICATIONS
P1.11	BASEMENT PLUMBING PLAN
P1.12	FIRST FLOOR PLUMBING PLAN
PD1.11	DEMOLITION BASEMENT PLUMBING PLAN
PD1.12	DEMOLITION FIRST FLOOR PLUMBING PLAN
PD1.13	DEMOLITION SECOND FLOOR PLAN

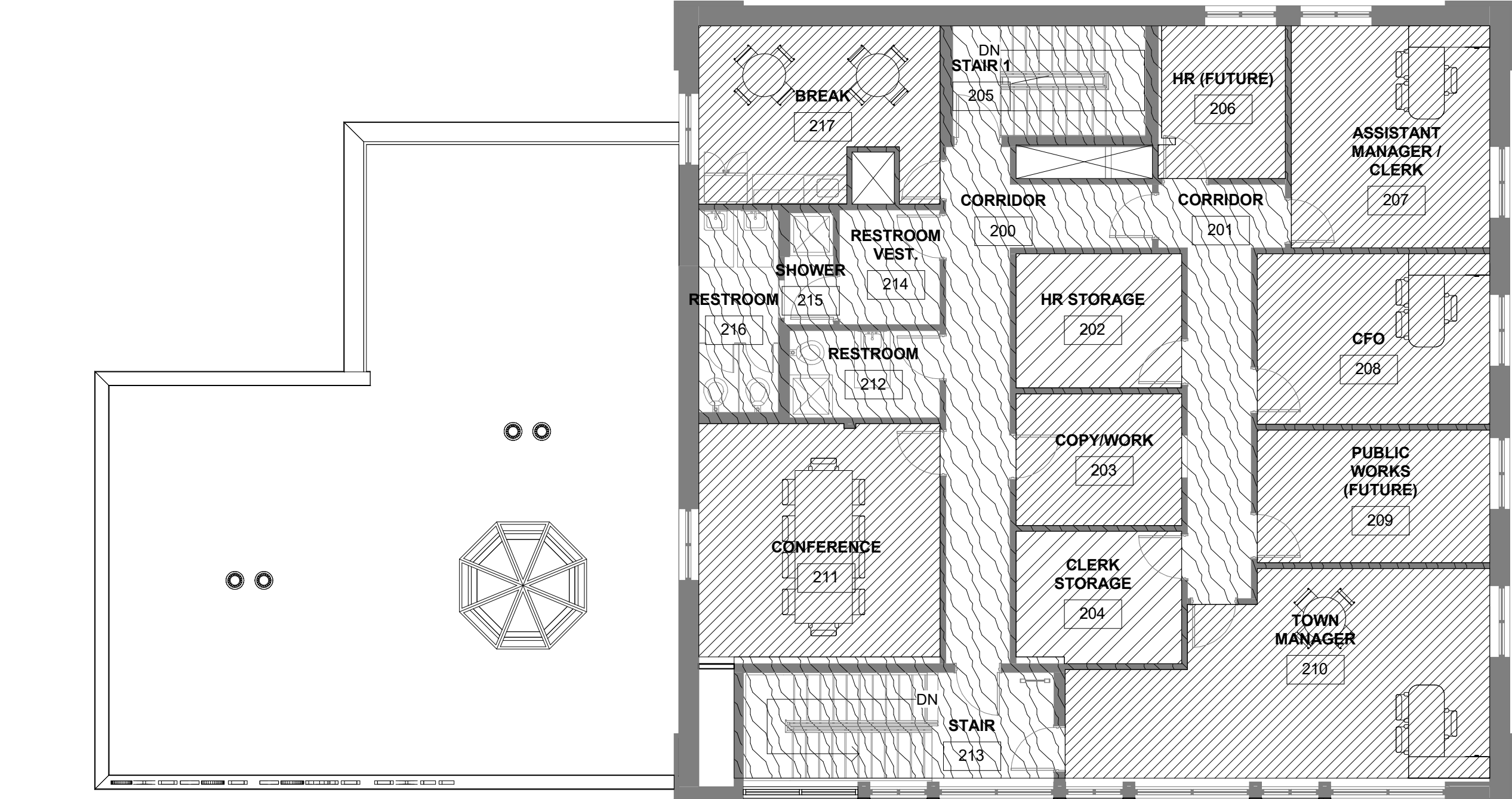
MECHANICAL	
Sheet Number	Sheet Name
M0.01	MECHANICAL SUMMARY AND SCHEDULES
M1.11	BASEMENT MECHANICAL PLAN
M1.12	FIRST FLOOR MECHANICAL PLAN
M1.13	SECOND FLOOR MECHANICAL PLAN
M1.14	ROOF TOP MECHANICAL PLAN
M1.22	FIRST FLOOR MECHANICAL PIPING PLAN
M2.01	MECHANICAL DUCTWORK DETAILS
M2.02	MECHANICAL DETAILS
MD1.11	BASEMENT MECHANICAL DEMOLITION PLAN
MD1.12	FIRST FLOOR MECHANICAL DEMOLITION PLAN
MD1.13	SECOND FLOOR MECHANICAL DEMOLITION PLAN
MD1.14	ROOF TOP MECHANICAL DEMOLITION PLAN

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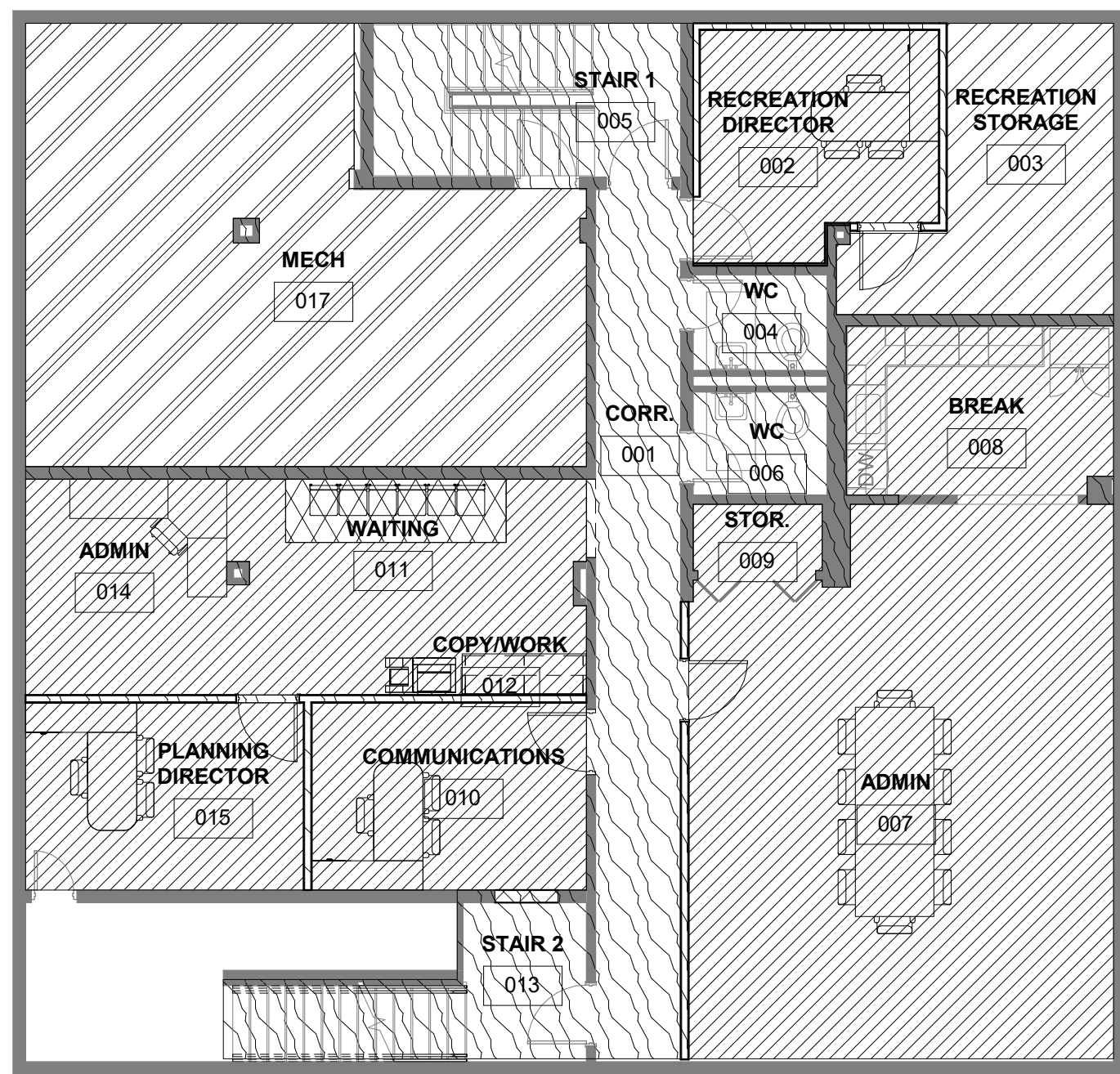
C1 FIRST FLOOR OCCUPANCY PLAN
1/8" = 1'-0"



C3 SECOND FLOOR OCCUPANCY PLAN
1/8" = 1'-0"

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A1 BASEMENT OCCUPANCY PLAN
1/8" = 1'-0"

OCCUPANCY LEGEND - BASEMENT

SYMBOL	OCCUPANCY TYPE	SQUARE FOOTAGE	OCCUPANTS
	ASSEMBLY CONCENTRATED OCCUPANCY	37/7	6
	BUSINESS GROSS OCCUPANCY	661/100	7
	BUSINESS OCCUPANCY	1,404/100	15
	STORAGE OCCUPANCY	150/300	1
	UTILITY OCCUPANCY	531/300	2

TOTAL OCCUPANCY = 31

OCCUPANCY LEGEND - FIRST FL

SYMBOL	OCCUPANCY TYPE	SQUARE FOOTAGE	OCCUPANTS
	ASSEMBLY CONCENTRATED OCCUPANCY	741/7	106
	ASSEMBLY UNCONCENTRATED OCCUPANCY	208/15	14
	ASSEMBLY STANDING OCCUPANCY	32/5	7
	BUSINESS GROSS OCCUPANCY	1,714/100	18
	BUSINESS OCCUPANCY	570/100	6
	STORAGE OCCUPANCY	89/300	1
	UTILITY OCCUPANCY	62/300	1
	FIXED SEATS		9

TOTAL OCCUPANCY = 166

OCCUPANCY LEGEND - SECOND FL

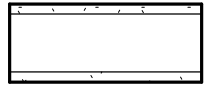
SYMBOL	OCCUPANCY TYPE	SQUARE FOOTAGE	OCCUPANTS
	BUSINESS GROSS OCCUPANCY	1,052/100	11
	BUSINESS OCCUPANCY	1,582/100	16
	STORAGE OCCUPANCY	214/300	1

TOTAL OCCUPANCY = 28

LEGEND



EXISTING WALL TO REMAIN



NEW WALL

CREECH & ASSOCIATES

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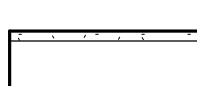
OCCUPANCY PLANS

G2.01

[illegible]

G2.11



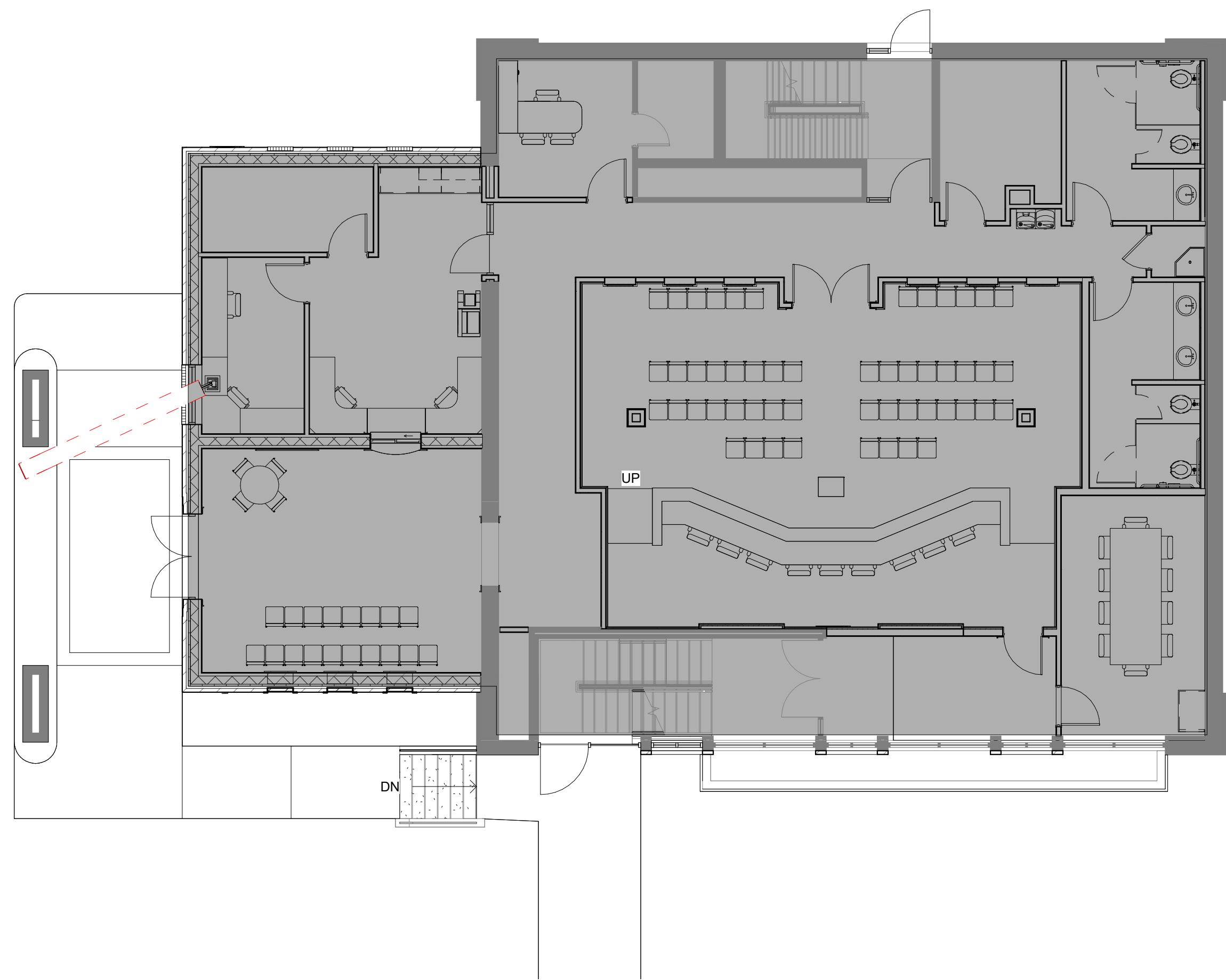
LEGEND	
TRUE NORTH 	PLAN NORTH 
	EXISTING WALL TO REMAIN
	NEW WALL

D

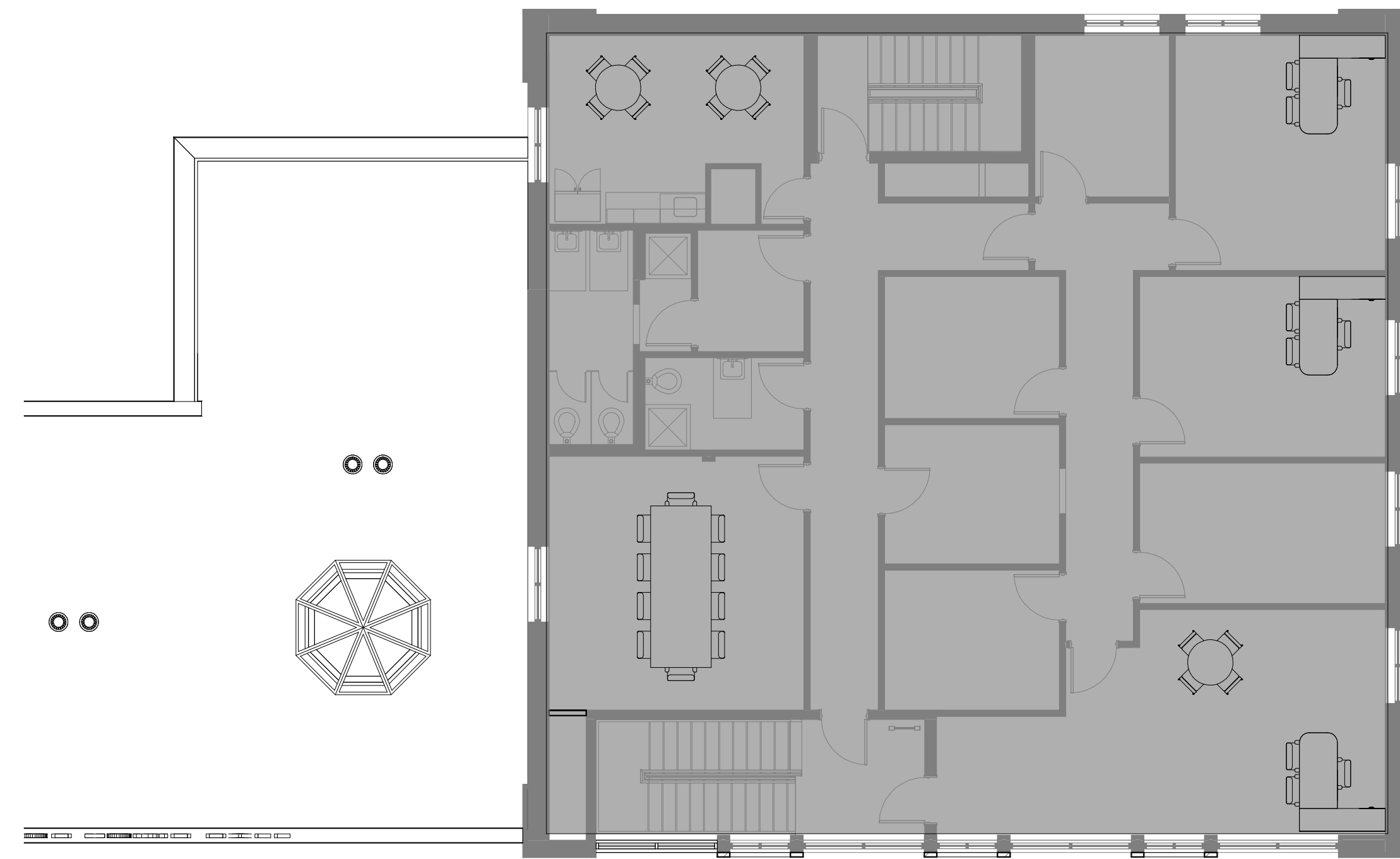
C

B

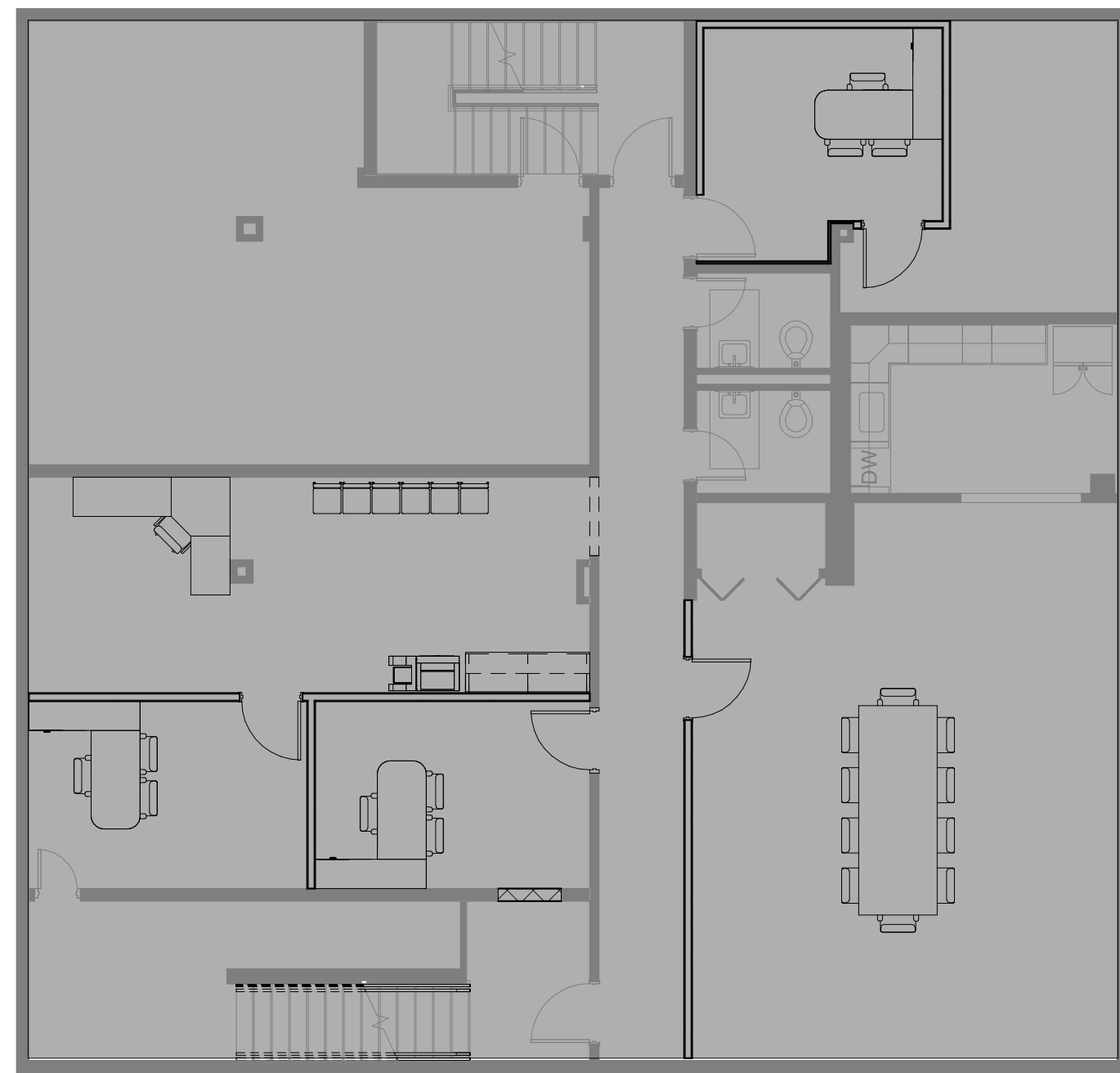
A



C1 THERMAL ENVELOPE - FIRST FLOOR
1/8" = 1'-0"



C3 THERMAL ENVELOPE - SECOND FLOOR
1/8" = 1'-0"



A1 THERMAL ENVELOPE - BASEMENT
1/8" = 1'-0"

THERMAL ENVELOPE LEGEND

TO RECEIVE HVAC & HEAT

NOTES

- DOORS SHALL COMPLY WITH ENERGY CODE WHEN REQUIRED.

CANTON TOWN HALL

CREECH & ASSOCIATES

1000 W. Morehead St.
Suite 120
Charlotte, NC 28208
p 704.376.6000
www.creechassociates.com

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JUNE 23, 2025



No.	Description	Date

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

THERMAL
ENVELOPE

G3.01

D

C

B

A

1. HOLD TOP OF STUDS DOWN 3/4" FROM TOP RUNNER WHERE PARTITION EXTENDS TO STRUCTURE ABOVE.
2. ALL SEALANT SHALL BE CONTINUOUS.
3. ALL SOUND RATED PARTITIONS SHALL EXTEND FROM FINISHED FLOOR TO WHERE THEY MAY BE SEALED, SUCH AS THE UNDERSIDE OF STRUCTURE OR DECK, AND BE ENTIRELY SEALED OFF WITH ACOUSTIC SEALANT UNLESS NOTED OTHERWISE. ALL PENETRATIONS SUCH AS PIPING, CONDUITS, DUCTS, ETC. IN SUCH SEALED OFF WALLS OR PARTITIONS SHALL BE LIKEWISE SEALED OFF ALONG THE PERIMETER OF THE PENETRATIONS.
4. ALL FIRE AND/OR SMOKE RATED PARTITIONS SHALL EXTEND FROM FINISH FLOOR TO WHERE THEY MAY BE SEALED, SUCH AS UNDERSIDE OF STRUCTURE OR DECK, AND BE ENTIRELY SEALED OFF WITH CONTINUOUS SAFING MATERIAL. SAFING MATERIAL SHALL BE HELD IN PLACE WITH A FIRE STOPPING MATERIAL ON BOTH SIDES, SUCH AS RATED GYPSUM WALL BOARD OR LISTED FIREPROOFING MATERIAL.
5. ALL MANUFACTURED SOUND RATED STC WALLS OR PARTITIONS SHALL HAVE CLOSURE GASKETS AT TOP, BOTTOM, AND SIDES WHERE A SOUND LEAK WOULD OTHERWISE EXIST. ALL PENETRATIONS THROUGH SUCH PARTITIONS SHALL BE GASKET SEALED ALONG THE PENETRATION PERIMETER.
6. STRUCTURAL STUDS (20 GAUGE MINIMUM) SHALL BE USED WHERE ANY NON-SELF SUPPORTING WALL-HUNG FIXTURES, EQUIPMENT, OR CABINETRY OCCUR AND SHALL EXTEND FROM FLOOR TO STRUCTURE ABOVE. SEE TYPICAL SUPPORT DETAILS FOR WALL MOUNTED ITEMS.
7. ALL 20 GAUGE METAL STUD FRAMED PARTITIONS SHALL BE BRACED ABOVE FINISHED CEILINGS. BRACING SHALL BE AS FOLLOWS: ATTACH A 3-5/8" METAL STUD HORIZONTALLY AND CONTINUOUSLY TO PARTITION 6" MAX ABOVE FINISHED CEILING. THEN PROVIDE A 3-5/8" METAL STUD KICKERS AT 45 TO STRUCTURE AT 4'-0" O.C. KICKERS SHALL HAVE CLIP ANGLES (14 GA) WITH TWO 1/4" ANCHORS. ALL KICKER LOCATIONS SHALL BE COORDINATED WITH ALL OTHER TRADES PERFORMING WORK ABOVE CEILING. SEE ALTERNATE STANDARD BRACING DETAIL.
9. ALL RATED PARTITIONS SHALL BE IDENTIFIED ABOVE HUNG CEILINGS.
10. SEE ROOM FINISH SCHEDULE FOR ADDITIONAL REQUIREMENTS FOR FINISH MATERIALS SUCH AS CERAMIC TILE, PANELING, ETC. WHICH ARE NOT SHOWN OR INCLUDED IN THESE PARTITION TYPES.
11. WHERE PARTITION TYPES CHANGE IN A STRAIGHT RUN, THE EXPOSED OR MOST IMPORTANT EXPOSED FINISH FACE AND NOT NECESSARILY THE CENTERLINE OF STUDS, SHALL ALIGN. REVIEW CASES WHICH ARE UNCLEAR WITH THE ARCHITECT PRIOR TO CONSTRUCTING THESE PARTITIONS.
12. WHERE ITEMS ARE RECESSED INTO RATED PARTITIONS, PROVIDE BOXING, INSULATION ETC. AS REQUIRED TO MAINTAIN THE FIRE RESISTANCE RATING. SEE TYPICAL RECESS FRAMING DETAIL.

HOURLY RATING-NUMBER	
0	= UNRATED
1	= 1 HOUR
2	= 2 HOUR
3	= 3 HOUR
4	= 4 HOUR

BASE WALL MATERIAL	
C	= CONCRETE
M	= MASONRY
S	= STEEL STUD - SINGLE
SC	= STEEL STUD - DOUBLE (CHASE)
SF	= STEEL FURRING
SW	= STEEL SHAFTWALL CH STUD
W	= WOOD STUD - SINGLE
WC	= WOOD STUD - DOUBLE (CHASE)
WF	= WOOD FURRING

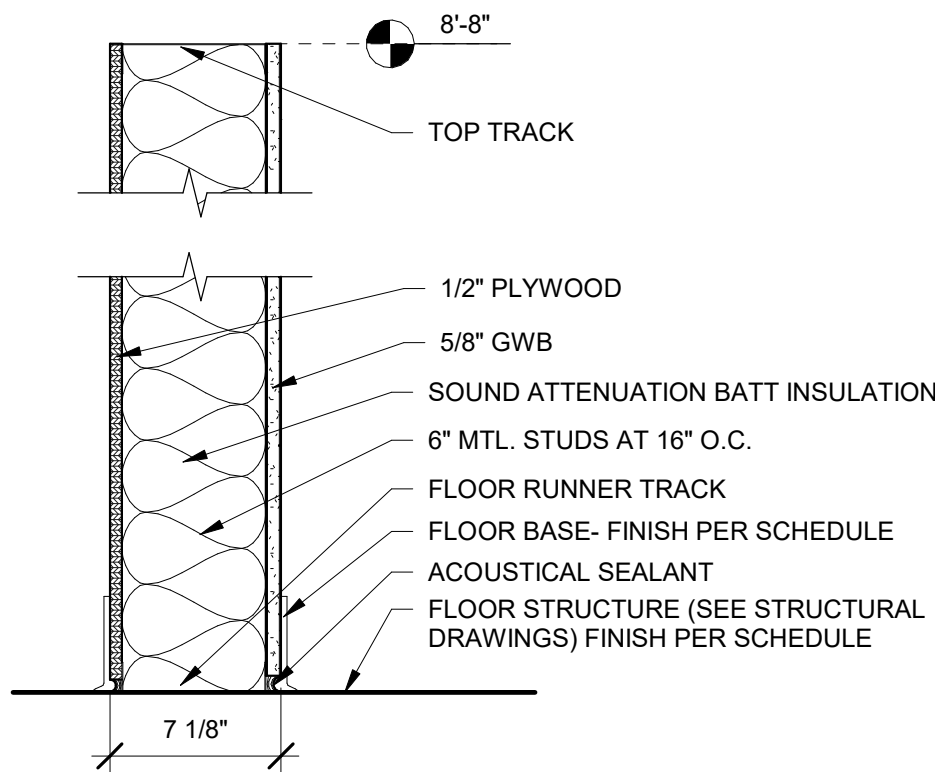
NOMINAL BASE MATERIAL SIZE OR SHAPE	
MODIFIER	(SEE PARTITION TYPES)

1XX1X

PARTITION KEY

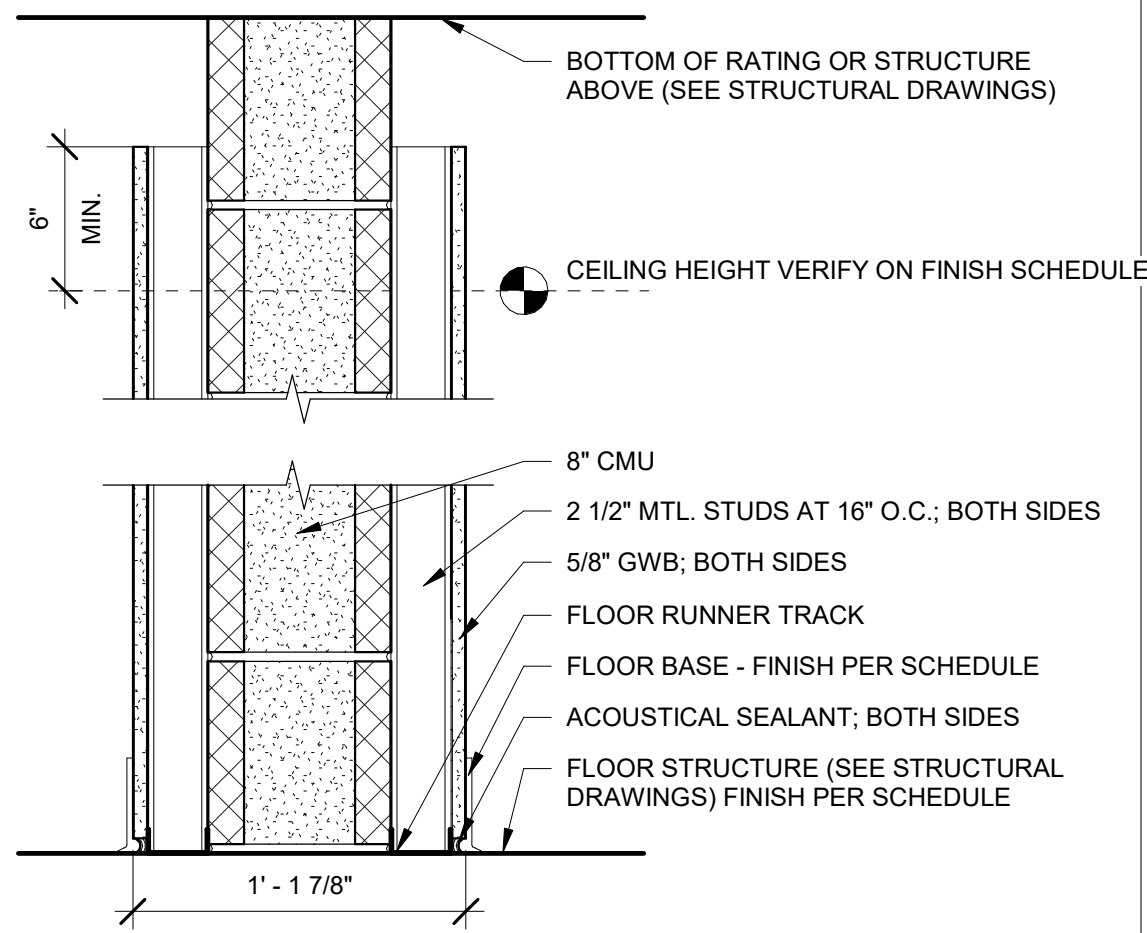
GENERAL NOTES:

1. FOR COMMON INTERIOR WALLS, PARTITIONS, AND FLOOR/CEILING ASSEMBLIES BETWEEN ADJACENT DWELLING UNITS OR BETWEEN DWELLING UNITS AND ADJACENT PUBLIC AREAS SUCH AS HALLS, CORRIDORS, STAIRS OR SERVICE AREAS, REFER TO SECTION 1207 OF THE 2018 NCBC FOR MINIMUM AIRBORNE SOUND AND STRUCTURE-BORNE SOUND RATINGS.
2. STUD SPACING IN ASSEMBLIES SHALL COMPLY WITH UL ASSEMBLY REQUIREMENTS, REFER TO STRUCTURAL DRAWINGS FOR ACTUAL SPACING.
3. GC SHALL INSTALL ALL RATED ASSEMBLIES PER UL RATED ASSEMBLIES INDICATED ON DRAWINGS
4. * ASTERISK DENOTES ONE HALF OF A SPLIT UL ASSEMBLY SUCH AS AT COLUMN ENCLOSURES, BRACE FRAME ENCLOSURES, ETC.
5. USE OF WATER RESISTANT BACKER BOARD MAY BE LIMITED TO ONLY THOSE AREAS OF A WALL WHICH ARE SCHEDULED TO OR INDICATED BY DETAILS TO RECEIVE CERAMIC TILE FINISH
6. MOISTURE AND MOLD RESISTANT GYPSUM WALL BOARD TO BE USED ON WET WALLS IN BATHROOMS, SHOWER ROOMS, AND LAUNDRY ROOMS.
7. PROVIDE SLOTTED EXPANSION ANCHORS/CLIPS AT TOP PLATE WHERE PARTITION IS SECURED TO BOTTOM CHORD OF ROOF TRUSSES
8. BULLET RESISTANT WALL ASSEMBLIES ONLY: INSTALL BULLET RESISTANT FOUR INCH WIDE BATTEN STRIPS AT ALL PANEL JOINTS AND A BULLET RESISTANT BACKER AT ALL WALL PENETRATIONS

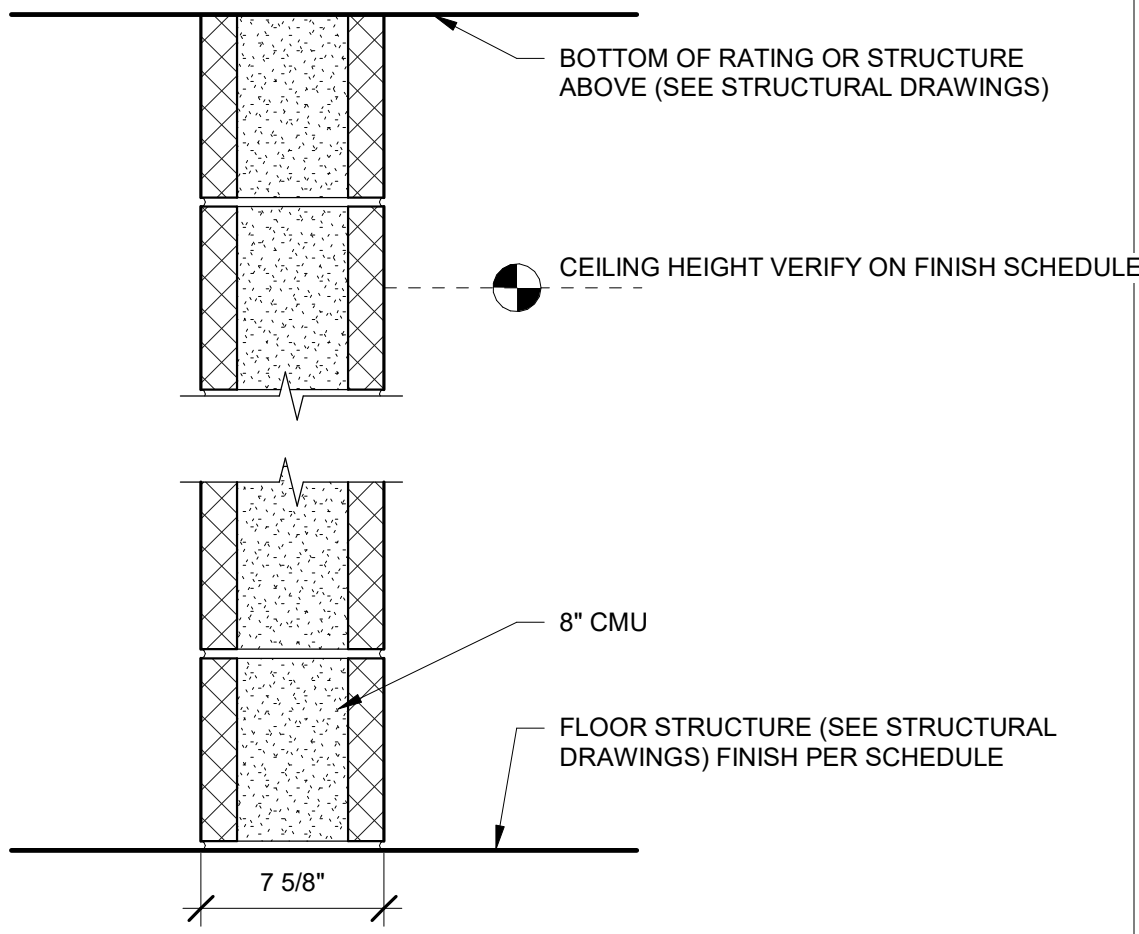


NOT RATED

PARTITION - 0S6B
1 1/2" = 1'-0"

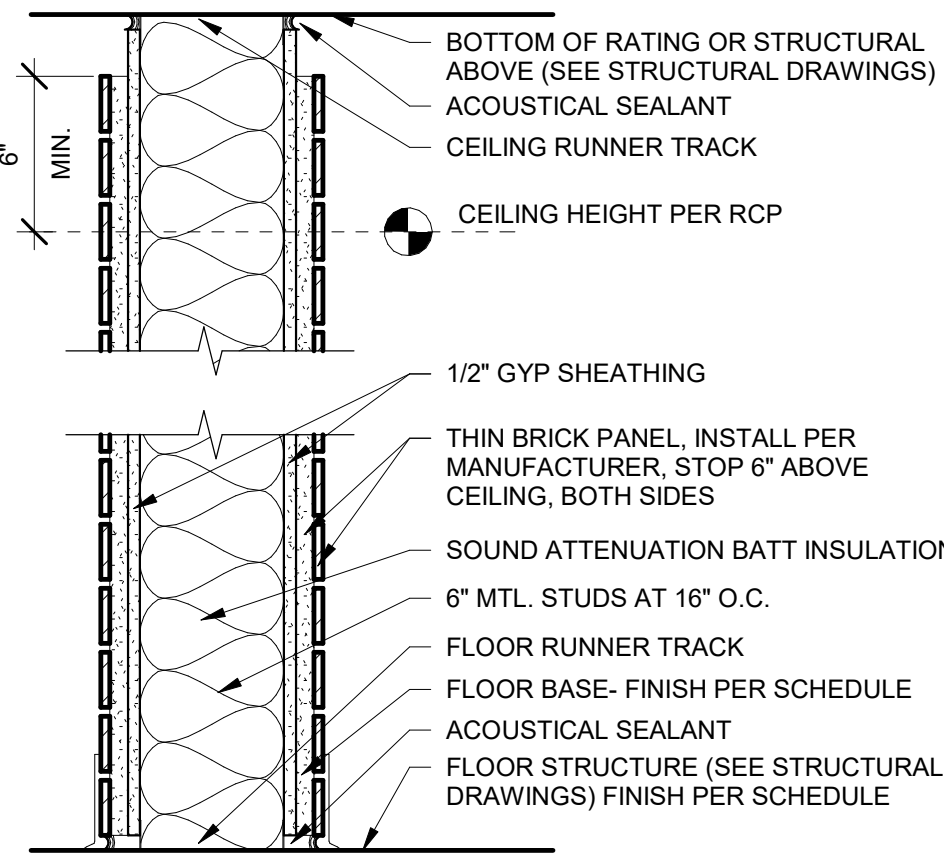


PARTITION - 0M8A
1 1/2" = 1'-0"



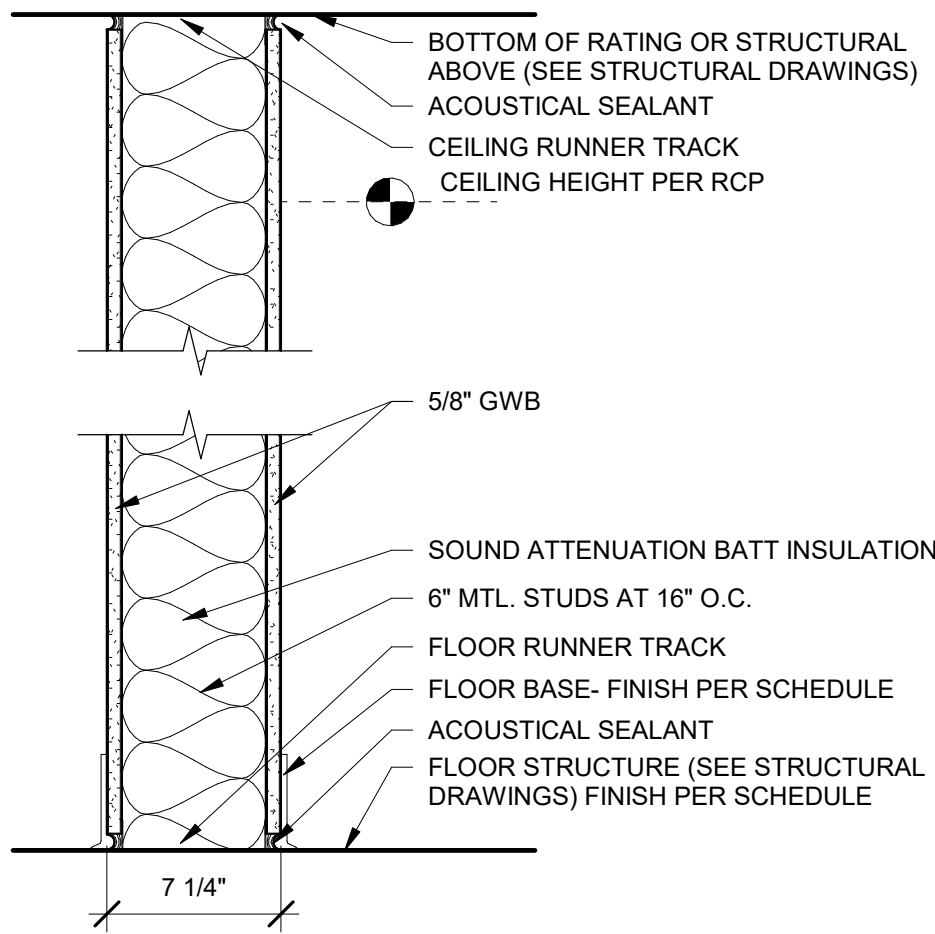
TOTAL ASSEMBLY- STC-45-56 MIN.
SOURCE: NCMA Tek-Note 13-1B

PARTITION - 0M8
1 1/2" = 1'-0"



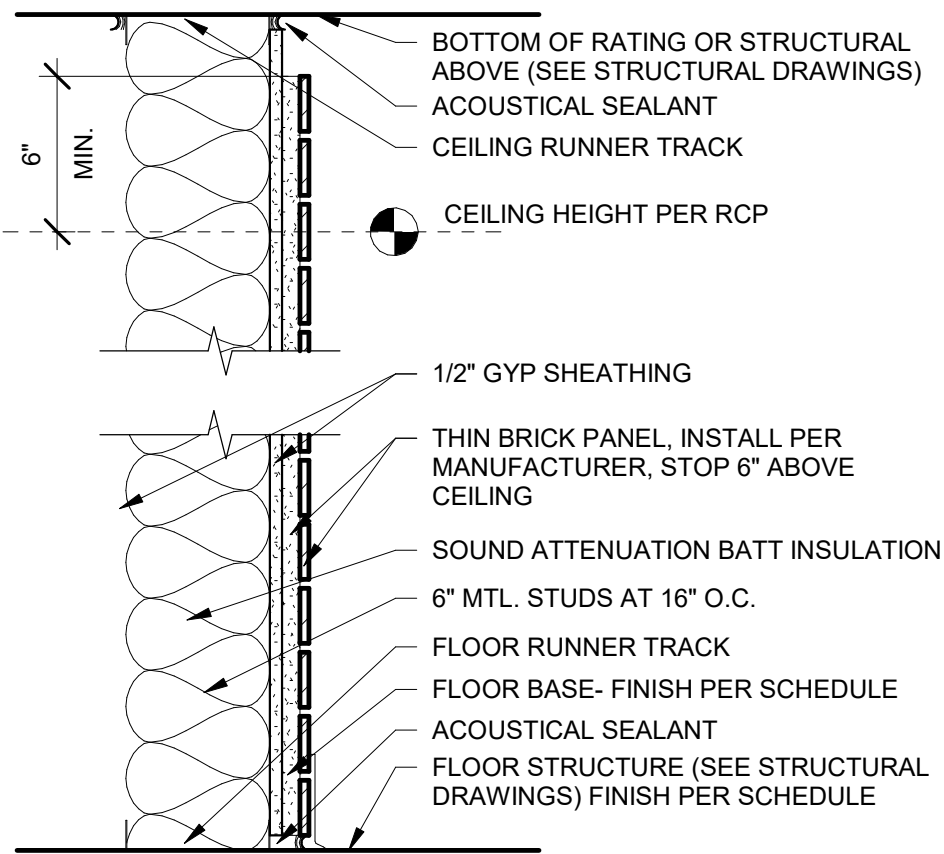
NOT RATED

PARTITION - 0S6M
1 1/2" = 1'-0"



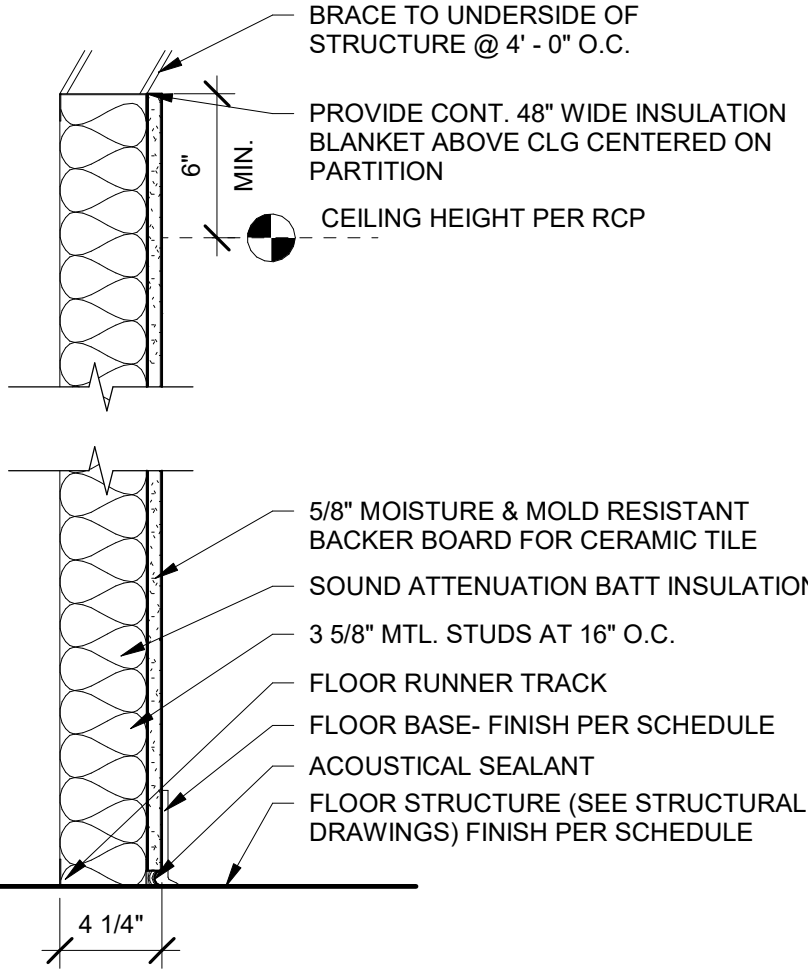
NOT RATED

PARTITION - 0S6
1 1/2" = 1'-0"



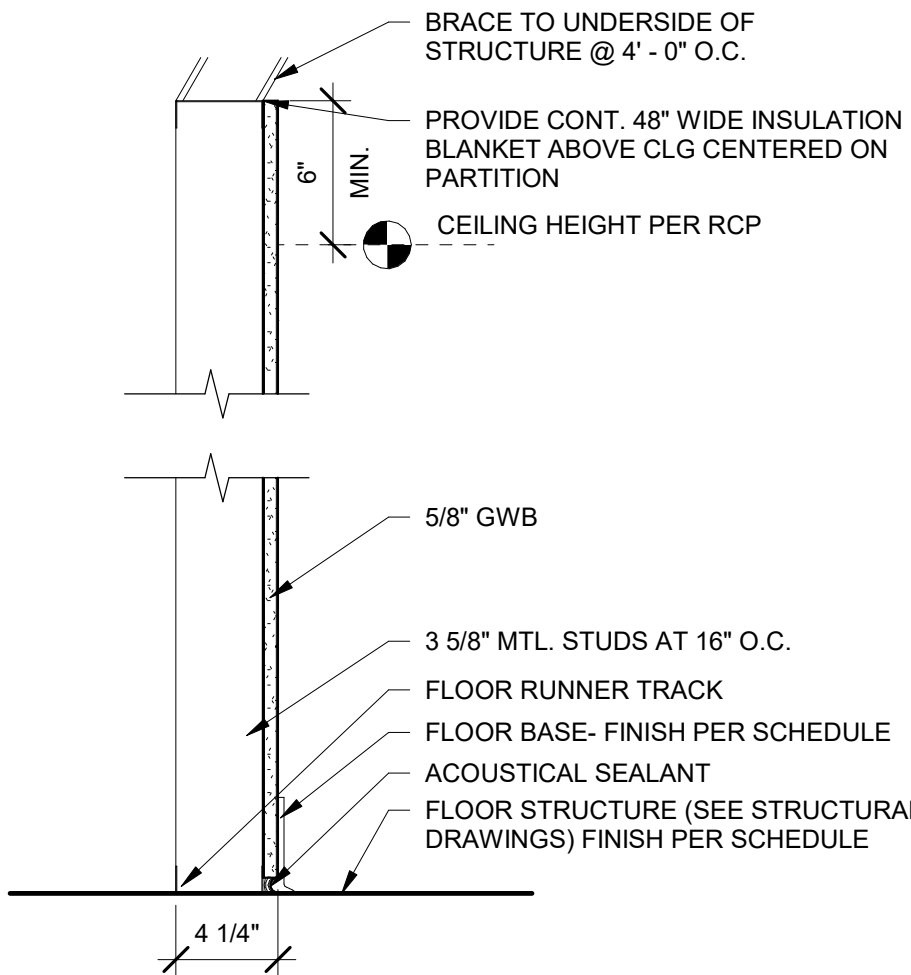
NOT RATED

PARTITION - 0SF3M
1 1/2" = 1'-0"



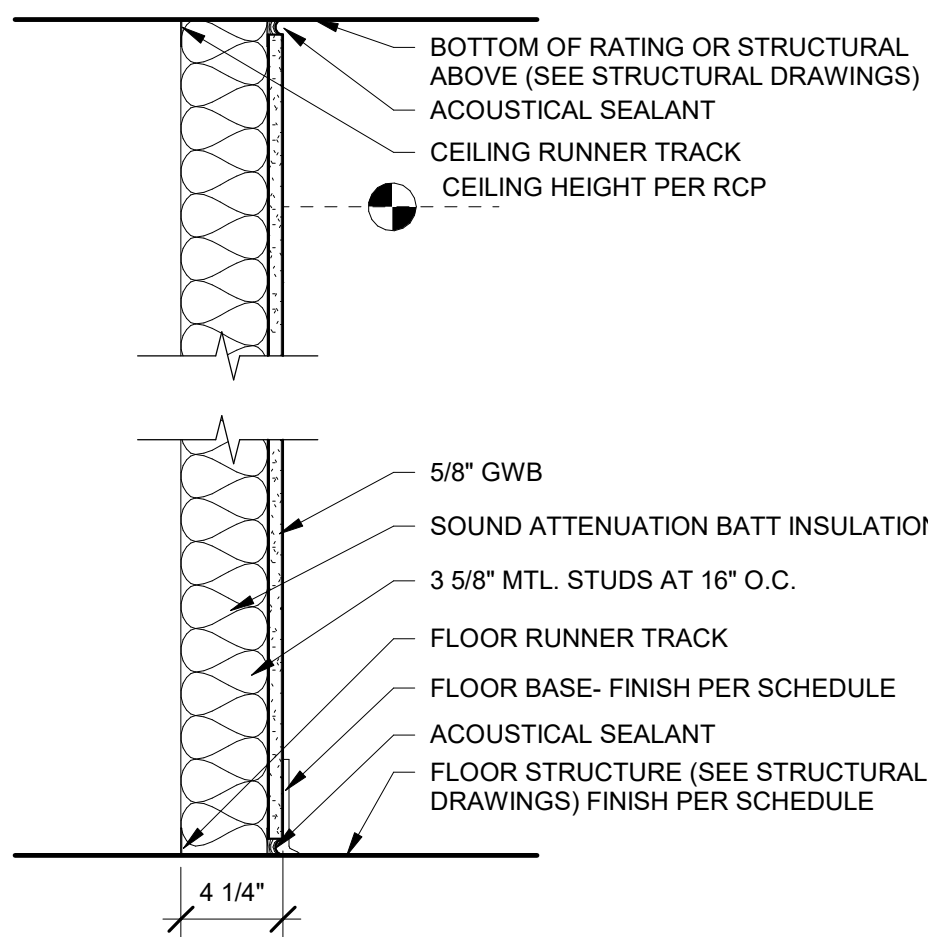
NOT RATED

PARTITION - 0SF3E
1 1/2" = 1'-0"



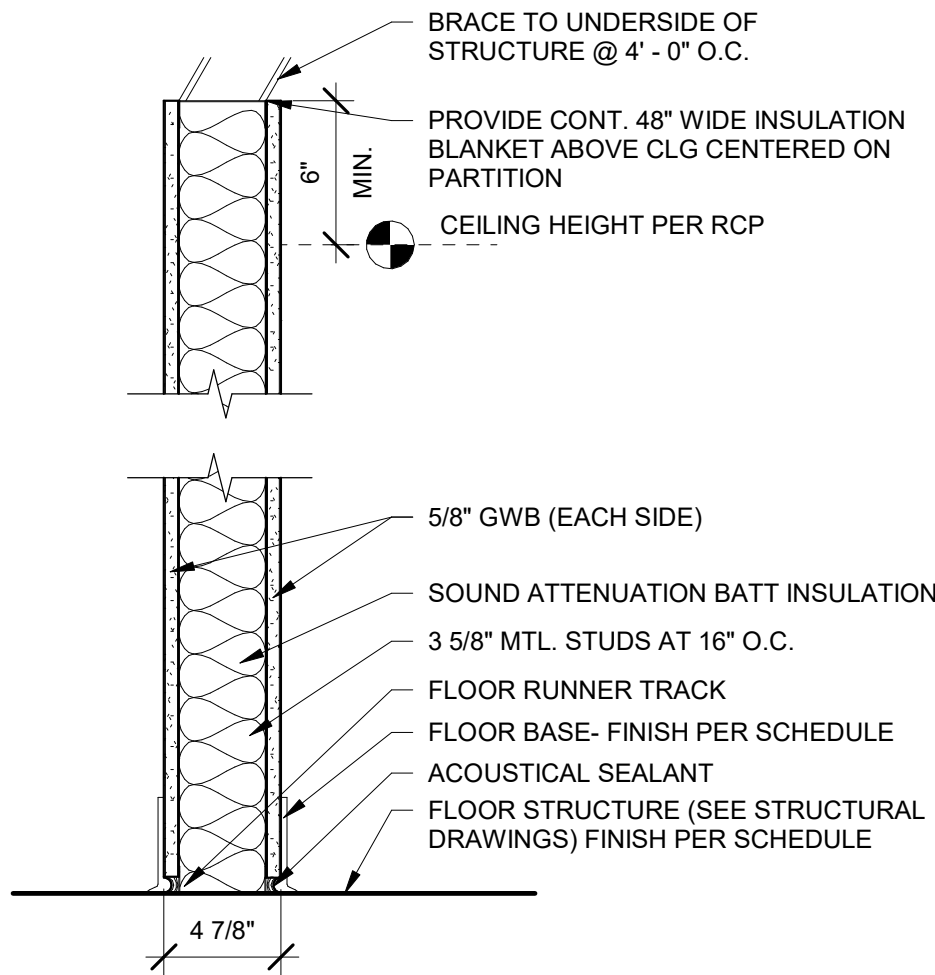
NOT RATED

PARTITION - 0SF3C
1 1/2" = 1'-0"



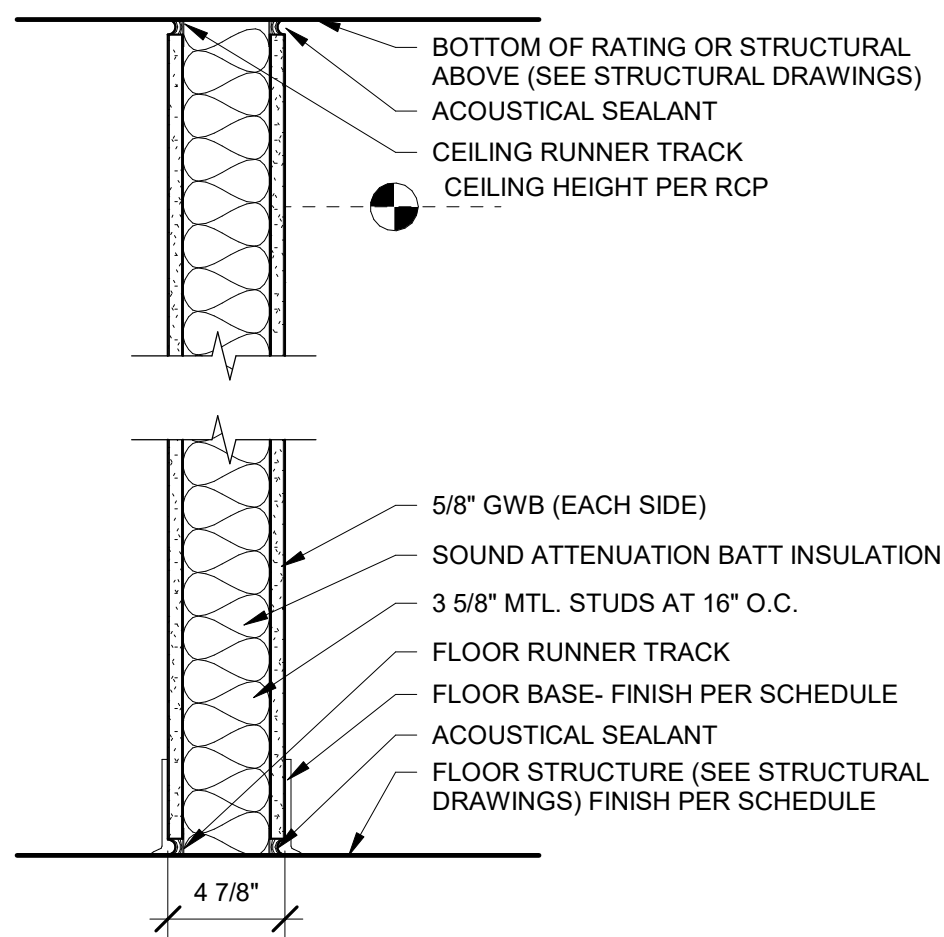
NOT RATED

PARTITION - 0SF3
1 1/2" = 1'-0"



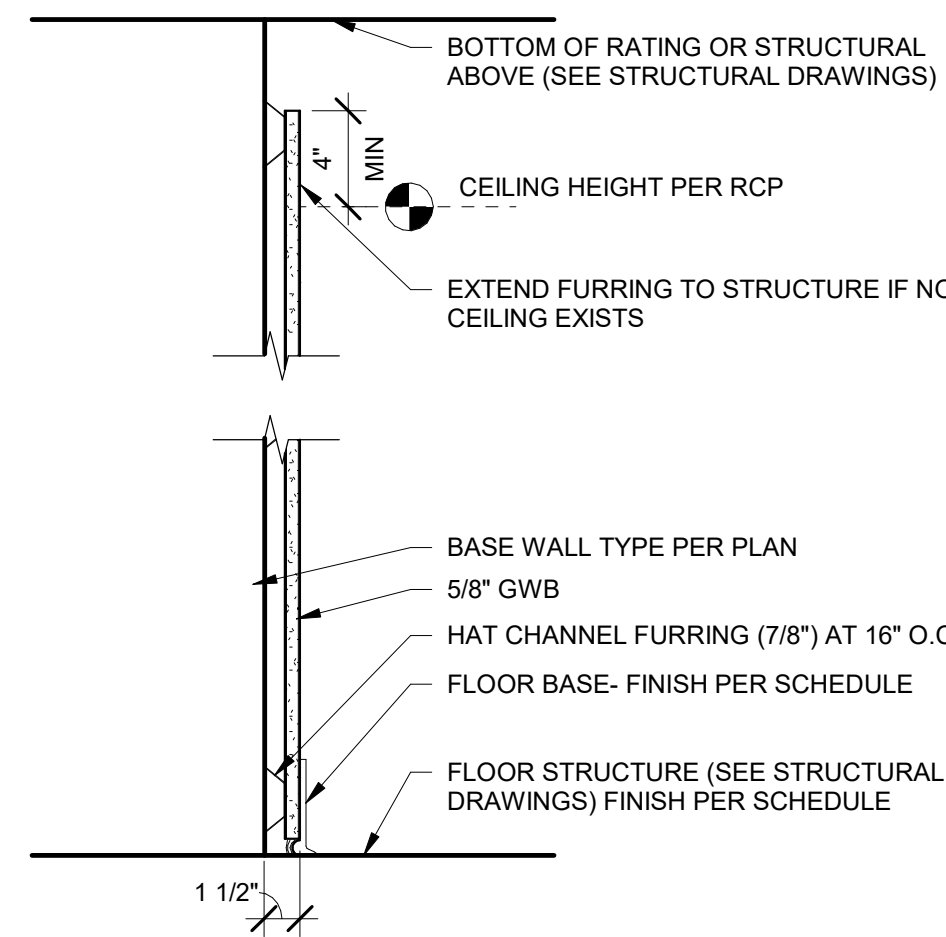
NOT RATED

PARTITION - 0S3B
1 1/2" = 1'-0"



NOT RATED

PARTITION - 0S3
1 1/2" = 1'-0"



NOT RATED

PARTITION - 0SFH
1 1/2" = 1'-0"

CREECH & ASSOCIATES

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Charlotte, NC 28208
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www.creechassociates.com

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JUNE 23, 2025



CANTON TOWN HALL

No.	Description	Date

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

PARTITION TYPES
AND SHELL
ASSEMBLIES

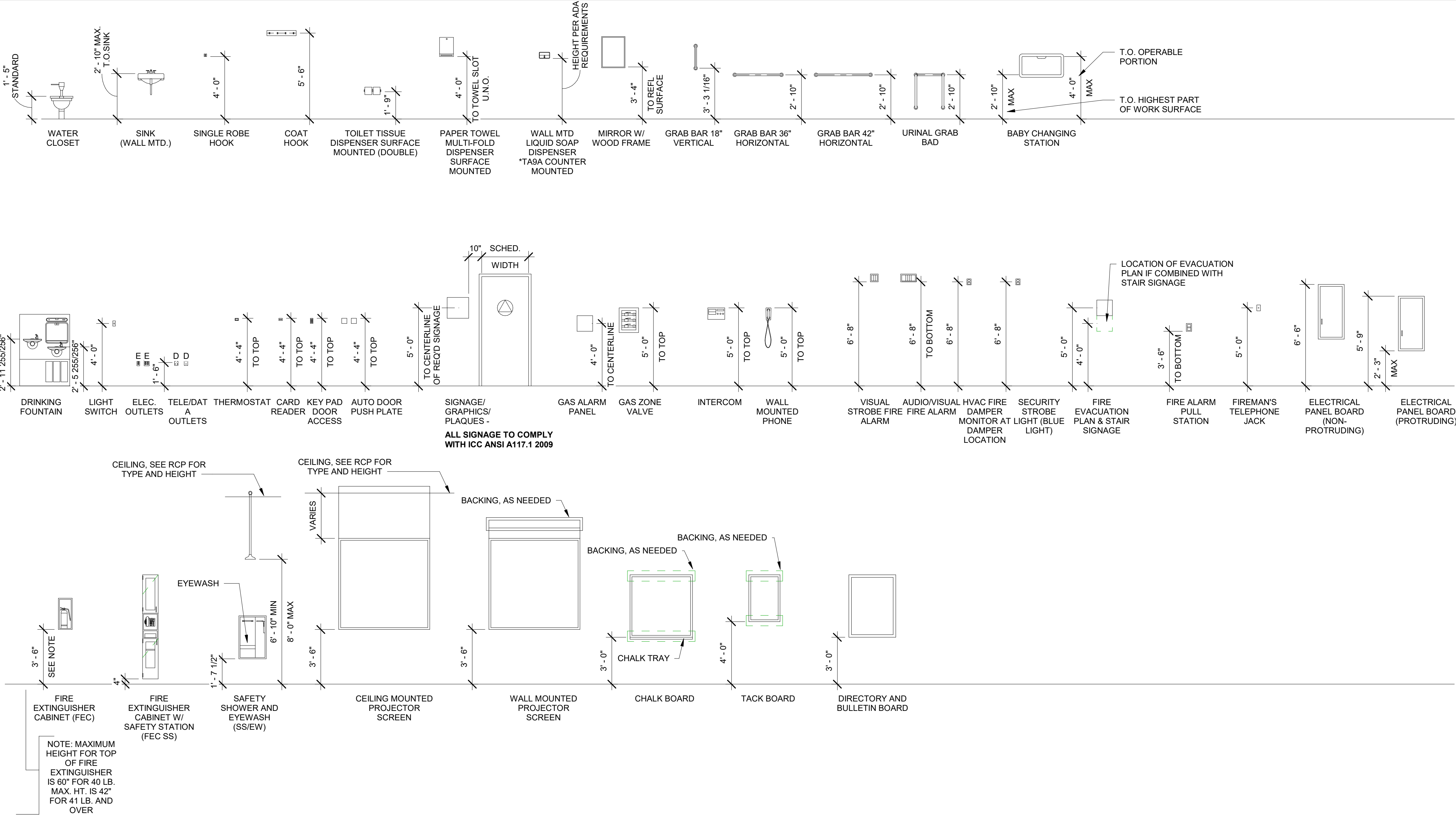
G4.01

D

C

B

A



TYPICAL MOUNTING HEIGHTS
1/4" = 1'-0"

CREECH & ASSOCIATES

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Charlotte, NC 28208
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CANTON TOWN HALL

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Date: JUNE 23, 2025

MOUNTING HEIGHTS

G4.02

D

C

B

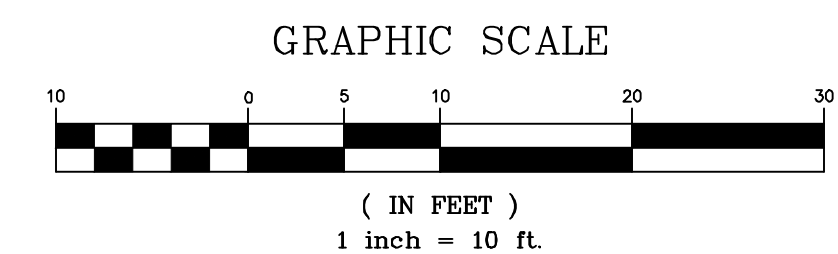
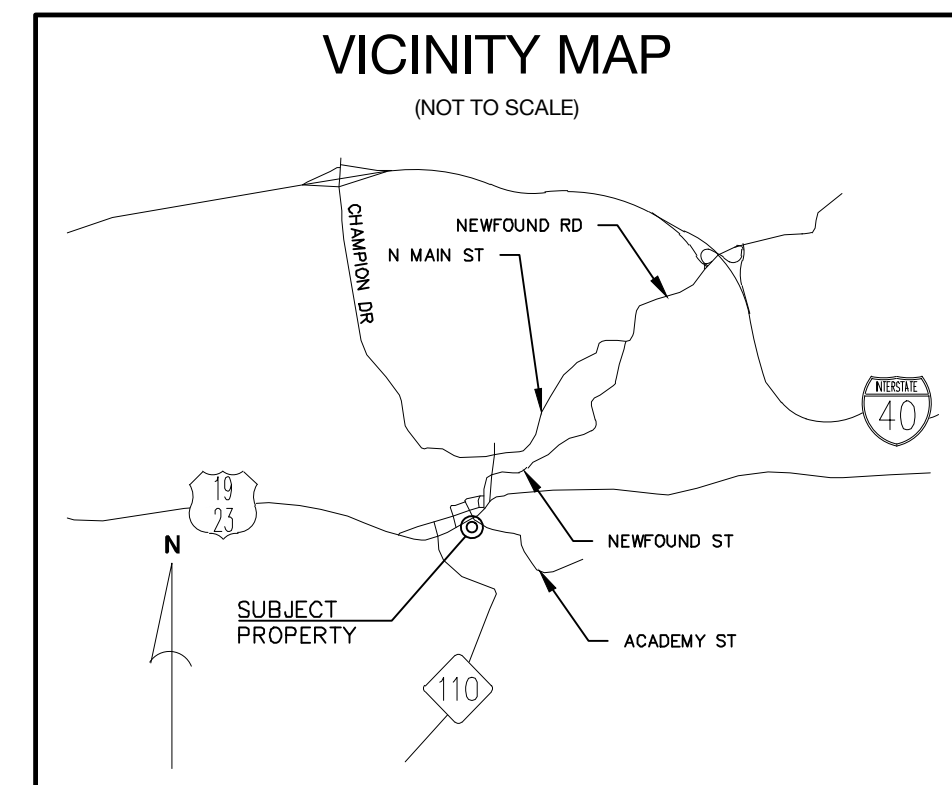
A

CANTON TOWN HALL

TOWN OF CANTON, NORTH CAROLINA

PREPARED FOR:
TOWN OF CANTON, NC
85 SUMMER ST.
CANTON, NC 28716
ZEB SMATHERS
(828) 646-3419

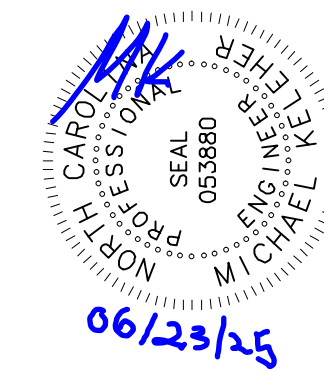
INDEX OF SHEETS		
SHEET NO.	TITLE	REV.
C000	COVER	
C001	SURVEY	
C100	EXISTING CONDITIONS & DEMOLITION PLAN	
C201	SITE PLAN	
C501	FINE GRADING PLAN	
C921	SITE DETAILS	



DEVELOPMENT DATA	
OWNER/DEVELOPER:	TOWN OF CANTON, NC 85 SUMMER ST. CANTON, NC 28716 ZEB SMATHERS (828) 646-3419
CIVIL ENGINEER:	CIVIL DESIGN CONCEPTS, P.A. 168 PATTON AVENUE ASHEVILLE, NC 28801 MICHAEL KELLER, P.E. (828) 252-5388
CONTACT:	

1000 W. Morehead St.
Suite 120
Charlotte, NC 28208
p 704.376.6000
www.creechassociates.com

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COVER FOR:

CANTON TOWN HALL

TOWN OF CANTON, NC - TOWN OF CANTON, NORTH CAROLINA

No.	Description	Date
1	75% PRICING REVIEW SET	05/28/2025
2	CONSULTANT REVIEW SET	06/17/2025
3	FINAL CD'S	06/23/2025

Package: CONSTRUCTION DOCUMENTS

Project Number: 2023-001-02

Date: JUNE 23, 2025

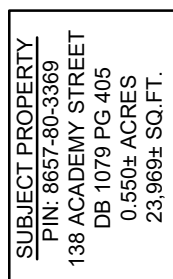
DRAWN BY: MFK
CDC PROJECT NO.: 22803

SHEET

C000



- This survey is of existing parcels of land and does not create a new street or change an existing street.
- This survey is a plat of land with a platting and compilation method.
- This property may be subject to right-of-way, easements, reservations and restrictions, written and unwritten, recorded and unrecorded.
- The certification shown hereon is not a certification of title, zoning or freedom from encumbrances.
- The following information shown per the Haywood County GIS website:
This survey was conducted without benefit of title search or title insurance. The surveyor is not responsible for findings and above ground structures. Call 911 before digging.
The surveyor did not determine whether there are any utility lines or other underground structures. Call 811 before digging.
The surveyor did not determine whether there are any flood hazards, utilize a combined federal of 0.99976259
The surveyor did not determine whether there are any flood hazards, according to the National Flood Protection Program, flood insurance rate plan 370084857001, effective date 4/23/2012.
The subject property is not zoned per Haywood County. No zoning report was provided. Surveyor was unable to determine Town or County jurisdiction. Surveyors may apply to this subject property from other sources.
- Note that creeks, rivers and wetlands shown, or not shown hereon
- Elevations shown hereon are relative to the North American Datum of 1988 utilizing GDA818 and NGSP monument 255
- 5 feet margin of major contours, respectively monument 1 and 5 feet margin of major contours, respectively monument 1



PIN 8657-80-5494
GEORGE STAMEY
KYLE STOCKTON
DB 967 PG 200

CANTON FIRST
BAPTIST CHURCH
DB 459 PG 1089

PIN 8657-80-3201
BELLSOUTH TELECOMMUNICATIONS
DB 194 PG 57

Andrew M. Wolfe, certify the following information was used in conjunction with the GNSIS Manual for the survey:

- (1) Class of survey: Horizontal Accuracy (21 NCAC 96.166(c)(1), Class C (G093))
- (2) Type of GNSIS: Vertical Accuracy (21 NCAC 96.166(c)(1), Class C (G093))
- (3) Type of GNSIS: Horizontal Accuracy (21 NCAC 96.166(c)(2), Class C (G092))
- (4) Vertical Accuracy (21 NCAC 96.166(c)(2), Class C (G092))
- (5) Type of GNSIS: Vertical Accuracy (21 NCAC 96.166(c)(2), Class C (G092))
- (6) Vertical Positional Accuracy (201: 0.08)
- (7) Dates of GNSIS survey: 3/23/2025
- (8) Date of GNSIS survey: 3/23/2025
- (9) Published/Fixed-control use: GNSIS Manual: 201.50, 201.52, 201.53, 201.54, 201.55, 201.56, 201.57, 201.58, 201.59, 201.60, 201.61, 201.62, 201.63, 201.64, 201.65, 201.66, 201.67, 201.68, 201.69, 201.70, 201.71, 201.72, 201.73, 201.74, 201.75, 201.76, 201.77, 201.78, 201.79, 201.80, 201.81, 201.82, 201.83, 201.84, 201.85, 201.86, 201.87, 201.88, 201.89, 201.90, 201.91, 201.92, 201.93, 201.94, 201.95, 201.96, 201.97, 201.98, 201.99, 202.00, 202.01, 202.02, 202.03, 202.04, 202.05, 202.06, 202.07, 202.08, 202.09, 202.10, 202.11, 202.12, 202.13, 202.14, 202.15, 202.16, 202.17, 202.18, 202.19, 202.20, 202.21, 202.22, 202.23, 202.24, 202.25, 202.26, 202.27, 202.28, 202.29, 202.30, 202.31, 202.32, 202.33, 202.34, 202.35, 202.36, 202.37, 202.38, 202.39, 202.40, 202.41, 202.42, 202.43, 202.44, 202.45, 202.46, 202.47, 202.48, 202.49, 202.50, 202.51, 202.52, 202.53, 202.54, 202.55, 202.56, 202.57, 202.58, 202.59, 202.60, 202.61, 202.62, 202.63, 202.64, 202.65, 202.66, 202.67, 202.68, 202.69, 202.70, 202.71, 202.72, 202.73, 202.74, 202.75, 202.76, 202.77, 202.78, 202.79, 202.80, 202.81, 202.82, 202.83, 202.84, 202.85, 202.86, 202.87, 202.88, 202.89, 202.90, 202.91, 202.92, 202.93, 202.94, 202.95, 202.96, 202.97, 202.98, 202.99, 203.00, 203.01, 203.02, 203.03, 203.04, 203.05, 203.06, 203.07, 203.08, 203.09, 203.10, 203.11, 203.12, 203.13, 203.14, 203.15, 203.16, 203.17, 203.18, 203.19, 203.20, 203.21, 203.22, 203.23, 203.24, 203.25, 203.26, 203.27, 203.28, 203.29, 203.30, 203.31, 203.32, 203.33, 203.34, 203.35, 203.36, 203.37, 203.38, 203.39, 203.40, 203.41, 203.42, 203.43, 203.44, 203.45, 203.46, 203.47, 203.48, 203.49, 203.50, 203.51, 203.52, 203.53, 203.54, 203.55, 203.56, 203.57, 203.58, 203.59, 203.60, 203.61, 203.62, 203.63, 203.64, 203.65, 203.66, 203.67, 203.68, 203.69, 203.70, 203.71, 203.72, 203.73, 203.74, 203.75, 203.76, 203.77, 203.78, 203.79, 203.80, 203.81, 203.82, 203.83, 203.84, 203.85, 203.86, 203.87, 203.88, 203.89, 203.90, 203.91, 203.92, 203.93, 203.94, 203.95, 203.96, 203.97, 203.98, 203.99, 204.00, 204.01, 204.02, 204.03, 204.04, 204.05, 204.06, 204.07, 204.08, 204.09, 204.10, 204.11, 204.12, 204.13, 204.14, 204.15, 204.16, 204.17, 204.18, 204.19, 204.20, 204.21, 204.22, 204.23, 204.24, 204.25, 204.26, 204.27, 204.28, 204.29, 204.30, 204.31, 204.32, 204.33, 204.34, 204.35, 204.36, 204.37, 204.38, 204.39, 204.40, 204.41, 204.42, 204.43, 204.44, 204.45, 204.46, 204.47, 204.48, 204.49, 204.50, 204.51, 204.52, 204.53, 204.54, 204.55, 204.56, 204.57, 204.58, 204.59, 204.60, 204.61, 204.62, 204.63, 204.64, 204.65, 204.66, 204.67, 204.68, 204.69, 204.70, 204.71, 204.72, 204.73, 204.74, 204.75, 204.76, 204.77, 204.78, 204.79, 204.80, 204.81, 204.82, 204.83, 204.84, 204.85, 204.86, 204.87, 204.88, 204.89, 204.90, 204.91, 204.92, 204.93, 204.94, 204.95, 204.96, 204.97, 204.98, 204.99, 205.00, 205.01, 205.02, 205.03, 205.04, 205.05, 205.06, 205.07, 205.08, 205.09, 205.10, 205.11, 205.12, 205.13, 205.14, 205.15, 205.16, 205.17, 205.18, 205.19, 205.20, 205.21, 205.22, 205.23, 205.24, 205.25, 205.26, 205.27, 205.28, 205.29, 205.30, 205.31, 205.32, 205.33, 205.34, 205.35, 205.36, 205.37, 205.38, 205.39, 205.40, 205.41, 205.42, 205.43, 205.44, 205.45, 205.46, 205.47, 205.48, 205.49, 205.50, 205.51, 205.52, 205.53, 205.54, 205.55, 205.56, 205.57, 205.58, 205.59, 205.60, 205.61, 205.62, 205.63, 205.64, 205.65, 205.66, 205.67, 205.68, 205.69, 205.70, 205.71, 205.72, 205.73, 205.74, 205.75, 205.76, 205.77, 205.78, 205.79, 205.80, 205.81, 205.82, 205.83, 205.84, 205.85, 205.86, 205.87, 205.88, 205.89, 205.90, 205.91, 205.92, 205.93, 205.94, 205.95, 205.96, 205.97, 205.98, 205.99, 206.00, 206.01, 206.02, 206.03, 206.04, 206.05, 206.06, 206.07, 206.08, 206.09, 206.10, 206.11, 206.12, 206.13, 206.14, 206.15, 206.16, 206.17, 206.18, 206.19, 206.20, 206.21, 206.22, 206.23,

I, Andrew M. Wolfe, certify that this vertical control survey was completed to the Class C (GPS) standard [21 NCAC 56.1603(a)] under my direct and responsible charge from an actual survey made under my supervision.

Andrew M. Wolfe, certify that this project was completed under my direct and responsible charge from an actual survey made under my supervision, that this Topographical Geographic Data survey was performed at the 95% percent performance level to meet Federal Geographic Data Committee standards; that this survey was performed to meet the requirements for a topographic survey to the horizontal accuracy of Class A and vertical accuracy to the Class C (GPS) standard, and that the original data was obtained on 3/31/2025 - 4/8/2025; that contours shown as dashed lines may not meet the stated standard, and all coordinates are based on NAD 83 and realization 2011 and all elevations are based on NAVD 88; and all coordinates are based on NAVD 88.

Andrew Waite
Professional Land Surveyor
License Number L-5444

Date: 4/11/2025

Andrew M. Wolfe, certify that this map was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book 1079, Page 405); that the boundaries not surveyed are indicated as drawn from information in reference sources as shown hereon; that the ratio of precision or positional accuracy is Class A ($\leq 10^{-4} \pm 50\text{ppm}$); and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56.1600).

This 11th day of April, 2025.


Professional Land Surveyor
License Number L-5444

[illegible]

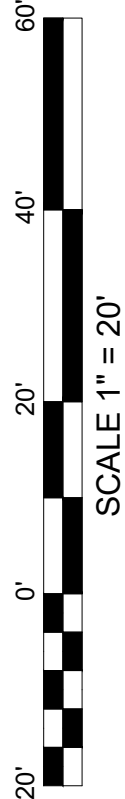
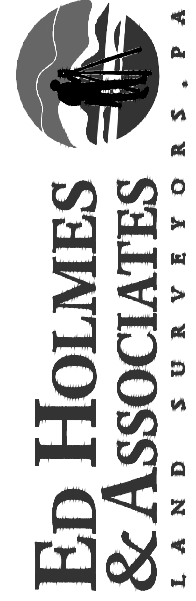
- ① UNMARKED POINT
- ② UNMARKED POINT (AS DESCRIBED)
- ③ S/P REBAR WITH ED HOLES AND ASSOC. CAP SET
- ④ SURVEY NAIL FOUND
- ⑤ SURVEY NAIL SET
- ⑥ CLEANOUT
- ⑦ DOWNSPOUT
- ⑧ ELECTRICAL METER
- ⑨ PLUMBING SERVICE
- ⑩ GAS STUB
- ⑪ GAS METER
- ⑫ GENERAL MAP SYMBOL - FEATURE EXTENDS BEYOND THIS POINT - UNABLE TO LOCATE
- ⑬ LIGHT POLE
- ⑭ SANITARY (SEWER)
- ⑮ MANHOLE (STORM WATER)
- ⑯ POST
- ⑰ FOUNTAIN
- ⑱ SPRIGOT
- ⑲ UTILITY POLE
- ⑳ UTILITY POLE WITH GUY WIRE
- ㉑ WATER VALVE
- ㉒ WATER VALVE

APPROXIMATE	APPROX
CATCH BASIN	CATCH
CURB INLET	CURBIN
CHALK FENCE	CHALK
CORRODED METAL PIPE	CORROD
CONCRETE	CONCRE
DEED BOOK	DEED
DUCTILE IRON PIPE	DUCTILE
EASTING	EAST
HIGH-DENSITY POLYETHYLENE PIPE	HIGH-DEN
ELEVATION	ELEV
NORTHING	NORTH
PLAT BOOK	PLAT
PAGE	PAGE
PARCEL IDENTIFIER NUMBER	PARCEL
POLYVINYL CHLORIDE PIPE	POLYVIN
RIGHT-OF-WAY CONCRETE PIPE	RIGHT-OF
RIGHT-OF-WAY	RIGHT-OF
SECONDARY ROAD (NCDOT)	SECONDAR
STORM WATER MANHOLE	STORM
SANITARY SEWER MANHOLE	SANITARY
SSDMM	SSDMM

REFERENCES

Parcel ID 8657-80-3369, 8657-80-5402
Deed Book 1079, Page 405, Tracts 1 and 2
Beaverdam Township, Haywood County, NC
Field Work Completed: 3/31/2025
Drawn By: J. Sepulchre
JOB #25046

Andrew Wolfe, PLS
awolfe@edholmessurveying.com
www.edholmessurveying.com
Company License # C-2806
200 Ridgefield Court, Suite 208, Asheville, NC 28801
828.225.6562



D

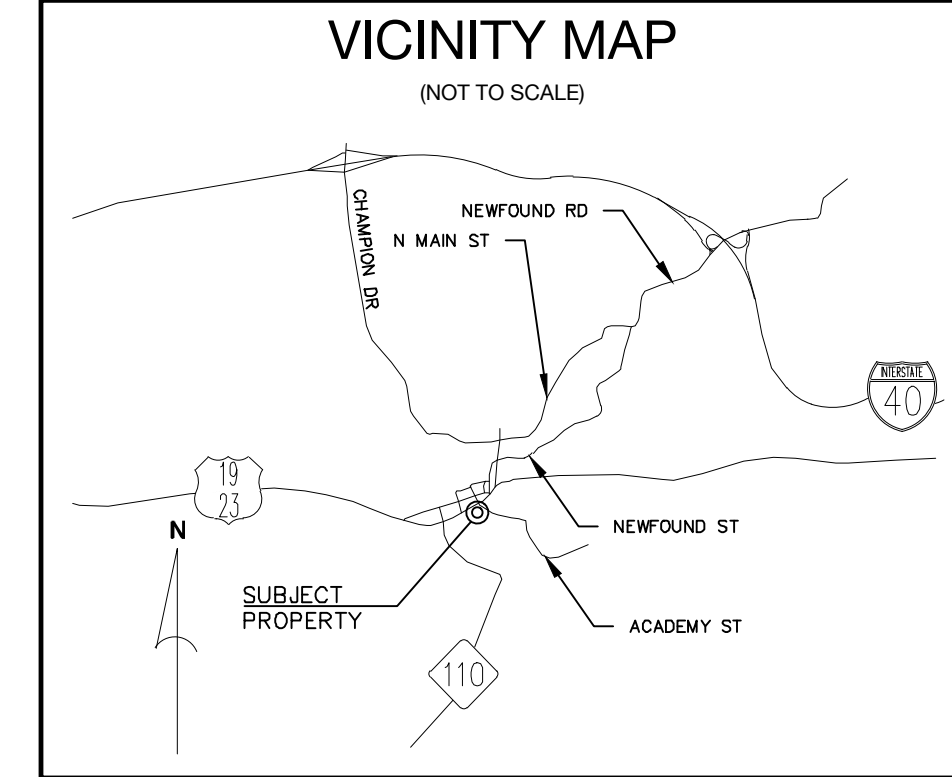
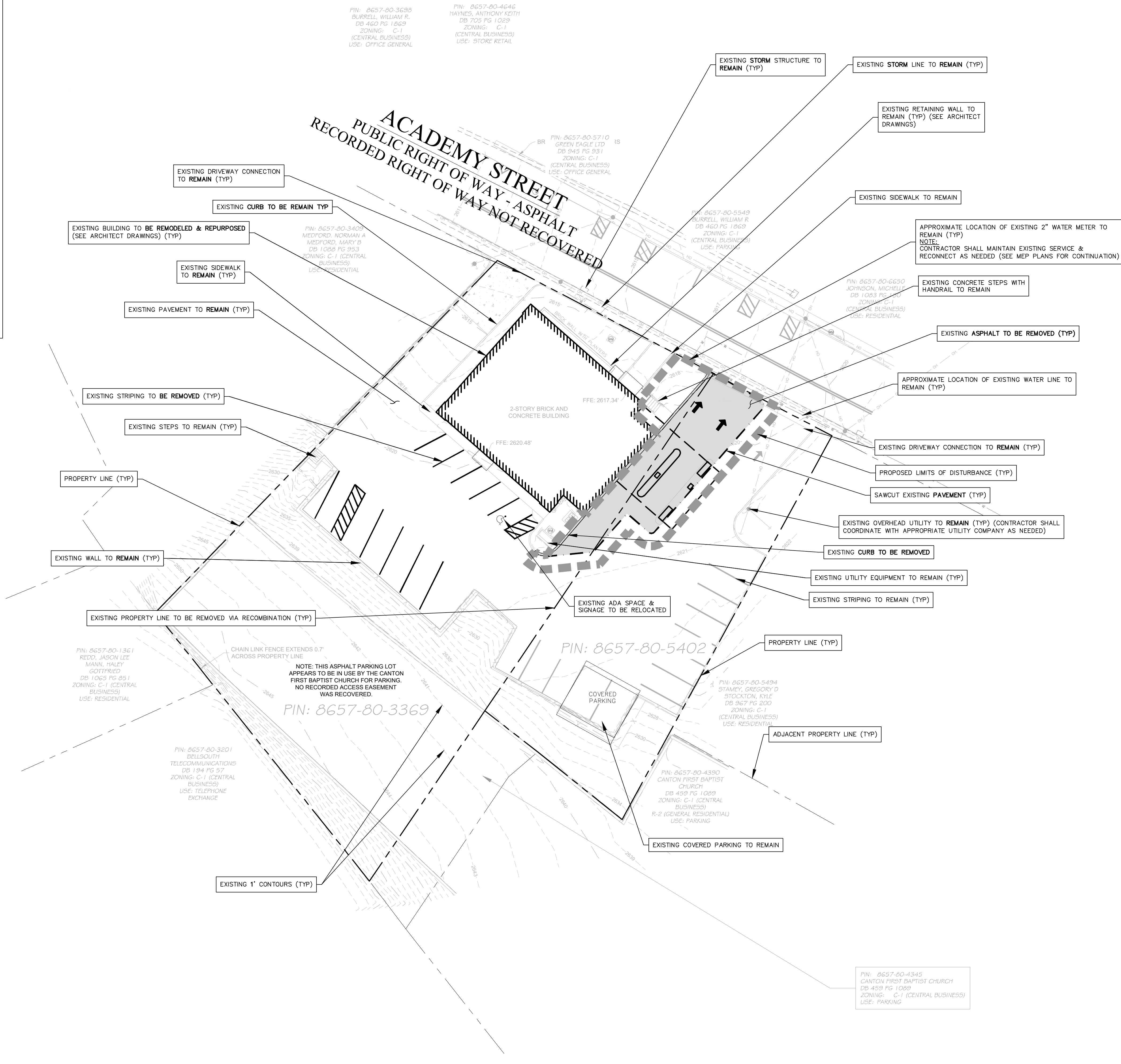
C

B

A

- DEMO NOTES**
1. ALL SITEWORK SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND NATIONAL REGULATORY STANDARDS AND ALL REQUIREMENTS IN THE PROJECT TECHNICAL SPECIFICATIONS.
 2. CONTRACTOR TO VERIFY WITH ENGINEER THAT THE REQUIRED GRADING/LAND DISTURBANCE AND DRIVEWAY PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING CONSTRUCTION.
 3. ALL WORK MUST BE PERFORMED BY A NORTH CAROLINA LICENSED CONTRACTOR.
 4. TO SCHEDULE THE REQUIRED INSPECTIONS ON ALL WORK, CALL THE CIVIL DESIGN CONCEPTS' INSPECTIONS HOTLINE AT 828-771-4755, OR EMAIL AT INSPECTIONS@CDCGO.COM. FAILURE TO SCHEDULE INSPECTIONS MAY RESULT IN UNCOVERING OR REDOING WORK.
 5. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING THE EXACT LOCATION AND ELEVATION FOR ALL UTILITIES PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF ANY CONFLICTS OR DISCREPANCIES. THE LOCATION OF SOME UTILITIES SHOWN ON THE PLANS HAVE BEEN APPROXIMATED. ALL BURIED UTILITIES HAVE NOT BEEN SHOWN ON THE PLANS AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR LOCATION PRIOR TO CONSTRUCTION. CONTACT ENGINEER TO CONFIRM IF ADDITIONAL PERMITS ARE NEEDED.
 6. CONTRACTOR SHALL PROTECT EXISTING SITE FEATURES CALLED OUT TO REMAIN DURING CONSTRUCTION. ANY DAMAGE INCURRED DURING OR RESULTING FROM CONSTRUCTION ACTIVITY IS THE RESPONSIBILITY OF THE CONTRACTOR AND IS TO BE REPAIRED IN ACCORDANCE WITH APPLICABLE STANDARDS OF APPROPRIATE AGENCIES AT THE CONTRACTOR'S EXPENSE.
 7. THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES AT LEAST 72 HOURS BEFORE CONSTRUCTION ACTIVITY IS TO BEGIN. THE CONTRACTOR SHALL NOTIFY UCOG AT 1-800-632-4949 OR 811, 72 HOURS BEFORE CONSTRUCTION BEGINS.
 8. EROSION CONTROL IS FIELD PERFORMANCE BASED AND CONTRACTOR SHALL INSTALL & MAINTAIN ANY EROSION CONTROL MEASURES NECESSARY TO ASSURE MAXIMUM PROTECTION OF THE SITE PRIOR TO DEMOLITION AND CLEARING.
 9. CONTRACTOR TO COORDINATE TIMING OF DEMOLITION AND CONSTRUCTION WITH OWNER TO ENSURE EXISTING FACILITIES REMAIN ACCESSIBLE.
 10. ALL DEBRIS, STRUCTURES AND UTILITIES TO BE DEMOLISHED AND REMOVED FROM THE PROJECT SITE ARE NOT SHOWN ON THIS PLAN. ANY DEBRIS, STRUCTURES AND UTILITIES ENCOUNTERED DURING CONSTRUCTION, WHICH IN THE OPINION OF THE ENGINEER SHOULD BE DEMOLISHED AND REMOVED, SHALL BE DISPOSED OF OFF-SITE AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY REQUIRED PERMITS.

EXISTING CONDITIONS & DEMO LEGEND	
PROJECT PROPERTY LINE	---
ADJACENT PROPERTY LINE	---
SAWCUT LINE	---
STORM PIPES/STRUCTURES TO REMAIN	---
WATER PIPES/STRUCTURES TO REMAIN	---
OVERHEAD UTILITIES TO REMAIN	---
CONCRETE TO BE REMOVED	■
BUILDING TO BE REMOVED	■
PAVEMENT TO BE REMOVED	■

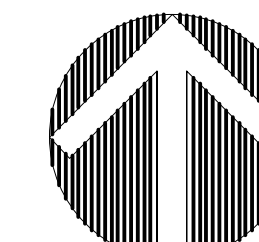


DEVELOPMENT DATA	
OWNER/DEVELOPER:	TOWN OF CANTON, NC 85 SUMMER ST. CANTON, NC 28716 ZEB SMATHERS (828) 646-3419
CONTACT:	
CIVIL ENGINEER:	CIVIL DESIGN CONCEPTS, P.A. 168 PATTON AVENUE ASHEVILLE, NC 28801 MICHAEL KELEHER, P.E. (828) 225-5388
CONTACT:	
SURVEYOR:	ED HOLMES & ASSOCIATES 200 RIDGEFIELD COURT, SUITE 208 ASHEVILLE, NC 28805 ANDREW WOLFE, PLS (828) 225-6562
CONTACT:	
ARCHITECT:	CREECH & ASSOCIATES 1000 WEST MOREHEAD STREET, SUITE 120 CHARLOTTE, NC 28208 MICHAEL SUPNICK, AIA, NCARB (704) 376-6000
CONTACT:	

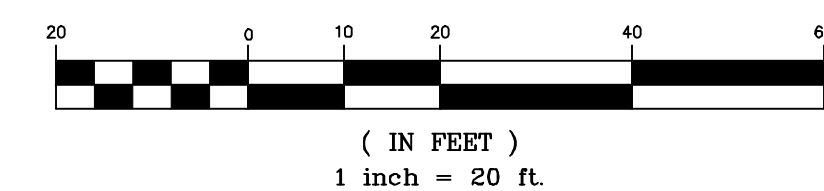
PROJECT DATA	
PIN:	8657-80-3369, 8657-80-5402
ADDRESS:	138 ACADEMY ST. & ACADEMY ST.
DEED BOOK/PAGE:	1079/405
PROJECT ACREAGE:	0.54± ACRES, 0.23± ACRES (0.78 ACRES TOTAL)
CURRENT ZONING:	C-1 (CENTRAL BUSINESS)
SETBACKS:	
FRONT:	N/A
SIDES:	N/A
REAR:	N/A
CORNER:	N/A
HEIGHT:	50'
DISTURBED AREA:	0.10 AC
IMPERVIOUS AREA:	PRE: 0.62 ACRES (80%) POST: 0.60 ACRES (77%)
PERVIOUS AREA:	PRE: 0.16 ACRES (20%) POST: 0.18 ACRES (23%)

ZONING DATA	
PARKING CALCULATIONS:	
VEHICULAR:	
EXISTING:	22
PROPOSED:	25
ACCESSIBLE:	
EXISTING:	1
PROPOSED:	1

CDC INSPECTIONS HOTLINE:
828-771-4755 OR INSPECTIONS@CDCGO.COM

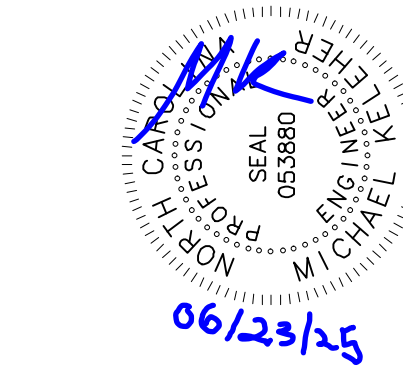


EXISTING CONDITIONS &
DEMOLITION PLAN
GRAPHIC SCALE



1000 W. Morehead St.
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Charlotte, NC 28208
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www.creechassociates.com

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CANTON TOWN HALL

EXISTING CONDITIONS & DEMOLITION PLAN (TYP)

TOWN OF CANTON, NC - TOWN OF CANTON, NORTH CAROLINA

No.	Description	Date
1	75% PRICING REVIEW SET	05/28/2025
2	CONSULTANT REVIEW SET	06/11/2025
3	FINAL CD'S	06/23/2025

Package: CONSTRUCTION DOCUMENTS

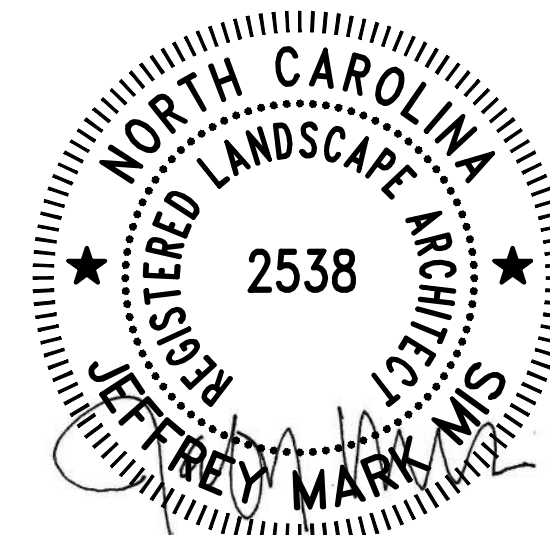
Project Number: 2023-001-02

Date: JUNE 23, 2025

DRAWN BY: MPK
CDC PROJECT NO.: 22903

SHEET

C100



CANTON TOWN HALL

No.	Description	Date

Package: CONSTRUCTION DOCUMENTS

Project Number: 2023-001-02

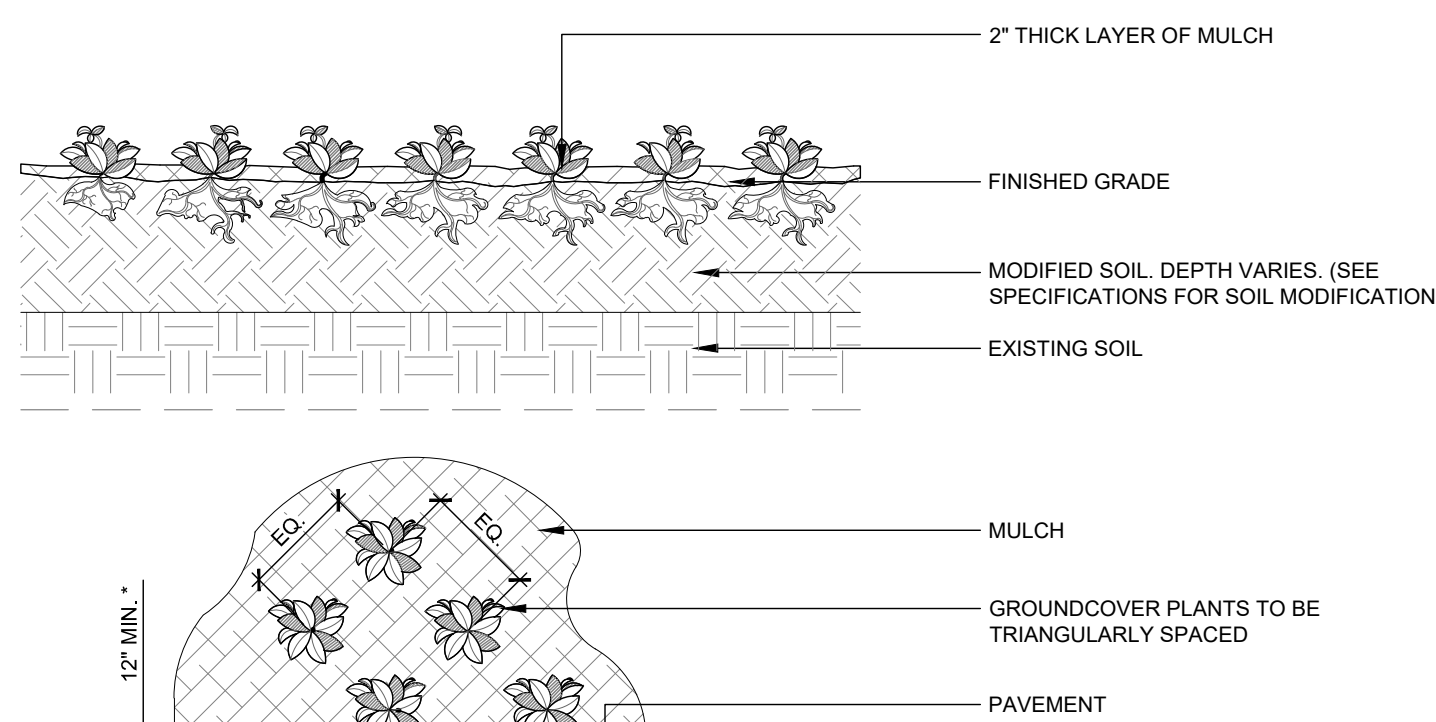
Date: JUNE 23, 2025

LANDSCAPE PLAN

C7.00

BEFORE YOU DIG!
CALL 1-800-432-4949
N.C. ONE-CALL CENTER
IT'S THE LAW!01 GROUNDCOVER
SECTION / PLAN

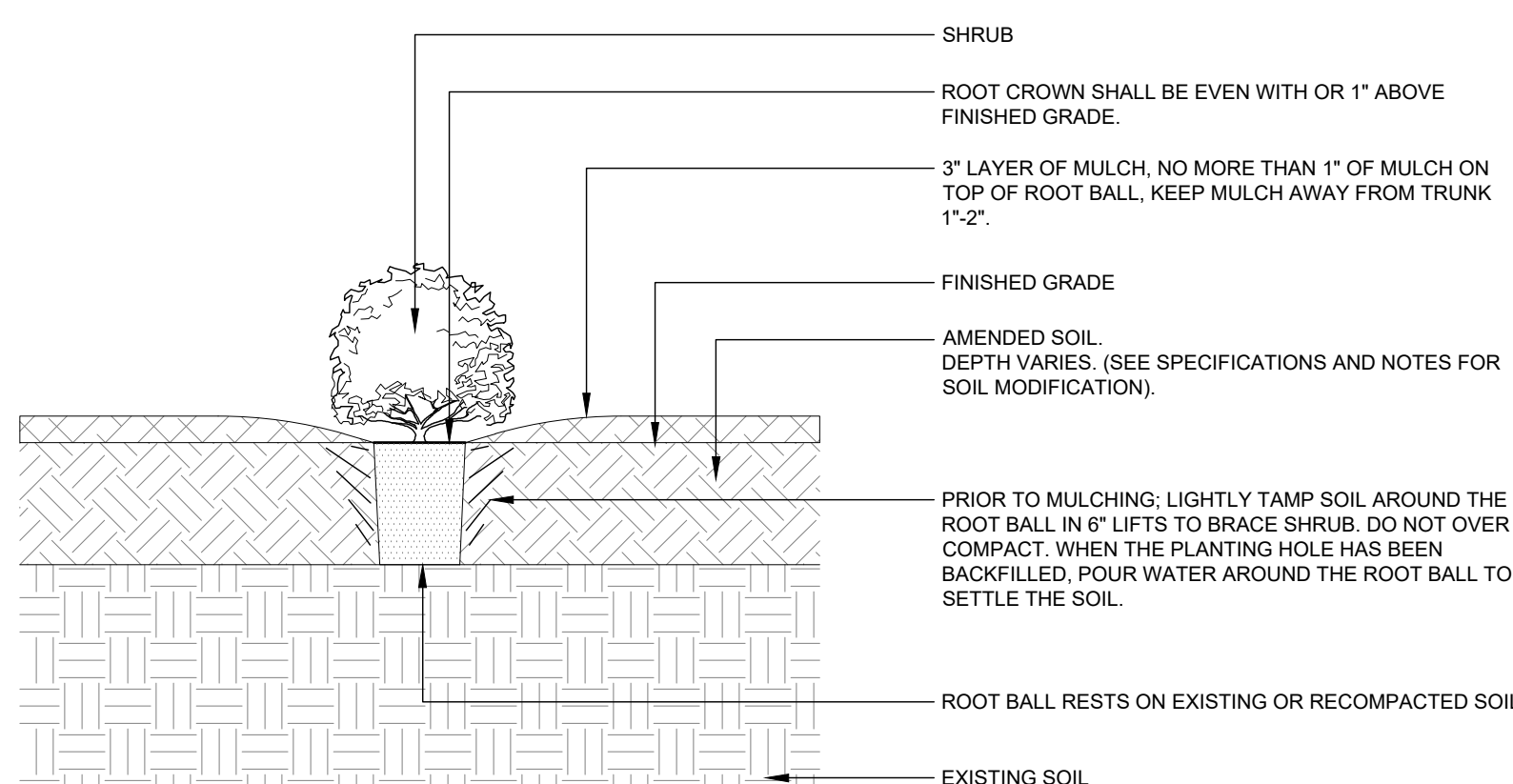
1/2" = 1'-0"



- NOTES:
- SEE PLANTING PLAN AND PLANT SCHEDULE FOR GROUNDCOVER SPECIES, SIZE, AND SPACING DIMENSION.
 - SMALL ROOTS (1" OR LESS) THAT GROW AROUND, UP, OR DOWN THE ROOT BALL PERIPHERY ARE CONSIDERED A NORMAL CONDITION IN CONTAINER PRODUCTION AND ARE ACCEPTABLE HOWEVER THEY SHOULD BE ELIMINATED AT THE TIME OF PLANTING. ROOTS ON THE PERIPHERY CAN BE REMOVED AT THE TIME OF PLANTING (SEE ROOT BALL SHAVING CONTAINER DETAIL).
 - SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.
 - MAY NEED TO PROVIDE MORE SPACE FOR VIGOROUS OR WIDER SPREADING G.C. SPECIES

02 SHRUB - AMENDED SOIL
SECTION

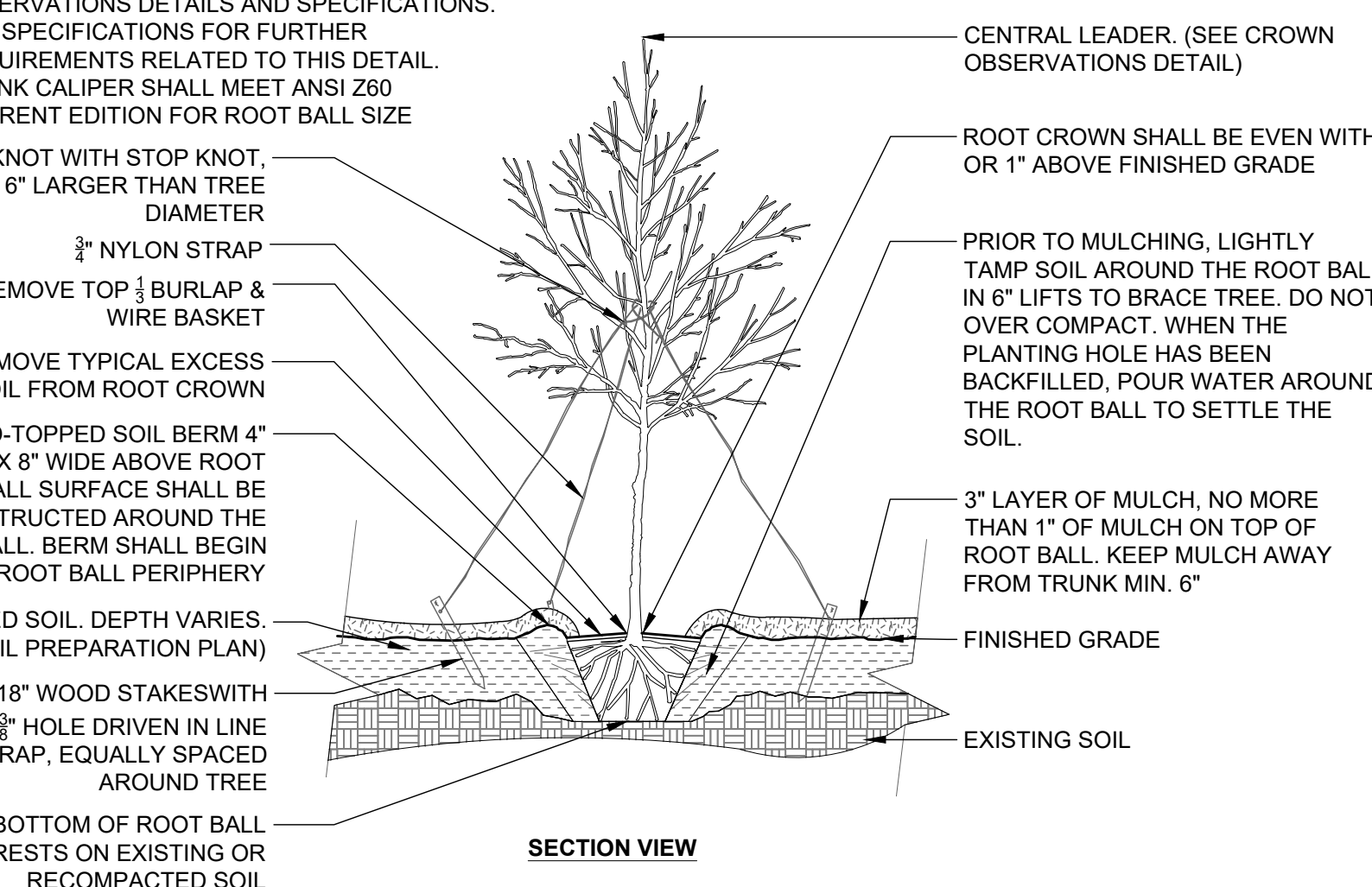
1/2" = 1'-0"



- NOTES:
- SEE PLANTING PLAN AND PLANT SCHEDULE FOR SHRUB SPECIES, SIZE, AND SPACING DIMENSION.
 - SHRUBS SHALL BE OF QUALITY AS PRESCRIBED IN THE ROOT OBSERVATIONS DETAIL AND SPECIFICATION.
 - SHRUB ROOT MASS OR CORRECT ROOT DEFECTS OF CONTAINERIZED PLANT MATERIAL.
 - SEE SPECIFICATIONS AND NOTES FOR FURTHER REQUIREMENTS RELATED TO THIS DETAIL.

03 TREE W/ BERM (EXISTING SOIL AMENDED)

3/8" = 1'-0"



PLANTING NOTES:

- ALL QUANTITIES LISTED IN THE DRAWINGS ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL QUANTITIES AND TO PROVIDE ALL MATERIALS NECESSARY FOR FULL COVERAGE IN ALL PLANTING AREAS AS SPECIFIED ON THE DRAWINGS. ANY DISCREPANCY SHOULD BE REPORTED TO THE OWNER.
- ALL PLANTS SHOULD BE IN ACCORDANCE WITH ANSI Z60.1-2014, AMERICAN STANDARD FOR NURSERY STOCK PUBLICATION, APPROVED APRIL 14, 2014.
- CALIPER SIZE OF CANOPY TREES ARE TO BE MEASURED PER LOCAL CITY LANDSCAPE ORDINANCE.
- ALL PLANT MATERIAL SHALL CONFORM TO THE SIZE SPECIFICATIONS (CALIPER, HEIGHT AND SPREAD) GIVEN IN THE PLANT SCHEDULE AND SHALL BE NURSERY GROWN UNLESS SPECIFIED OTHERWISE.
- ANY PLANT SUBSTITUTION SHALL BE APPROVED BY LANDESIGN PRIOR TO PURCHASE.
- SIZES LISTED ARE MIN. AND REFER TO HEIGHT, UNLESS OTHERWISE SPECIFIED.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADVISE LANDESIGN OF ANY CONDITION FOUND ON THE SITE WHICH PROHIBITS INSTALLATION AS SHOWN ON THE DRAWINGS.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION WITH OTHER CONTRACTORS ON SITE AS REQUIRED TO ACCOMPLISH ALL PLANTING OPERATIONS.

- ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION AND MUST BE REPLACED WITH PLANT OF SAME VARIETY AND SIZE IF DAMAGED, DESTROYED, DEAD AND/OR REMOVED.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING AND REMOVAL OF DEBRIS PRIOR TO PLANTING IN ALL AREAS.
- FINAL FINISHED GRADING SHALL BE REVIEWED BY CIVIL ENGINEER. CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL TOPSOIL REQUIRED TO CREATE A SMOOTH CONDITION SUITABLE FOR PLANTING.
- TREES OVERHANGING INTO THE PUBLIC R.O.W. SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF FOURTEEN (14) FEET OVER STREETS, DRIVE AISLES, ALLEYS AND FIRE LANES. TREES OVERHANGING PUBLIC STREETS, WALKS, AND/OR PARKING LOTS SHALL HAVE A MINIMUM CLEAR TRUNK HEIGHT OF SEVEN (7) FEET.
- LANDSCAPE CONTRACTOR IS REQUIRED TO PERFORM A TREE PIT PERCOLATION TEST FOR EACH TREE PIT PRIOR TO INSTALLATION. IF TREE PIT DOES NOT DRAIN WITHIN A 24-HOUR PERIOD, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A GRAVEL SUMP, FILTER FABRIC AND STAND PIPE. ALL TREE PIT SUMPS SHALL BE INCLUDED IN THE CONTRACTOR'S BASE BID AS A UNIT PRICE AND PROVIDE AS A DEDUCT ALTERNATE PER TREE PIT SUMPS NOT REQUIRED TO BE INSTALLED.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE TO REVIEW SITE ENVIRONMENTAL CONDITIONS PRIOR TO AND DURING INSTALLATION OF PLANT MATERIAL. ANY DISCREPANCIES OR CONCERNS BETWEEN THE ENVIRONMENTAL SITE CONDITIONS (I.E. SOIL TYPE, WATER, CLIMATE, WIND, SUN EXPOSURE ETC.) AND THE PLANT MATERIAL SPECIFIED WITHIN THE DRAWING SHALL BE BROUGHT TO THE ATTENTION OF LANDESIGN AND/OR OWNER, AND SHALL BE DONE SO IN WRITING. CONTRACTOR SHALL PROVIDE SUGGESTED SOLUTIONS FOR ALTERNATIVE PLANT MATERIAL PROPOSED FOR SUBSTITUTION. LANDESIGN TO REVIEW CONDITIONS AND INFORMATION SUBMITTED BY CONTRACTOR AND WILL ISSUE DIRECTIVE. SHOULD PLANT MATERIAL DIE BECAUSE OF ENVIRONMENTAL CONDITIONS DESCRIBED ABOVE, THE LANDSCAPE CONTRACTOR ASSUMES ALL WARRANTY AND GUARANTEE OF THE PLANT MATERIAL INSTALLED.

- ALL NEW PLANTING AREAS SHALL BE BACKFILLED WITH PLANTING SOIL THAT IS A MIXTURE OF 40-50% IMPORTED UNSCREENED TOPSOIL, 40-45% COARSE SAND, AND 10% COMPOST. FINAL TESTED ORGANIC MATTER SHALL BE BETWEEN 2.75 AND 4% (BY DRY WEIGHT). BACKFILL SHALL BE TO A DEPTH OF 18" FOR SHRUB AND GROUND COVER ZONES AND 36" FOR TREE PITS.
- AFTER PLANTING SOIL MIXES ARE INSTALLED IN PLANTING BED AREAS AND JUST PRIOR TO THE INSTALLATION OF SHRUB OR GROUND COVER PLANTINGS, SPREAD 3-4 INCHES OF COMPOST OVER THE BEDS AND ROTO TILL INTO THE TOP 8 INCHES OF THE PLANTING SOIL. THIS WILL RAISE GRADES SLIGHTLY ABOVE THE FINISHED GRADES. IN ANTICIPATION GRADES WILL SETTLE WITHIN A FEW MONTHS AFTER INSTALLATION AS COMPOST BREAKS DOWN. IN NO CASE WILL THIS BE PERFORMED WHERE IT MAY NEGATIVELY IMPACT THE HEALTH OF ADJACENT, EXISTING PLANT MATERIALS WHICH ARE DESIGNATED TO REMAIN.
- IN ALL EXISTING PLANTING AREAS DESIGNATED TO RECEIVE NEW PLANTINGS, SPREAD 3-4 INCHES OF COMPOST OVER THE BEDS AND ROTO TILL INTO THE TOP 8 INCHES OF THE PLANTING SOIL. THIS WILL RAISE THE GRADES SLIGHTLY ABOVE THE FINISHED GRADES. IN ANTICIPATION GRADES WILL SETTLE WITHIN A FEW MONTHS AFTER INSTALLATION AS COMPOST BREAKS DOWN. IN NO CASE WILL THIS BE PERFORMED WHERE IT MAY NEGATIVELY IMPACT THE HEALTH OF ADJACENT, EXISTING PLANT MATERIALS WHICH ARE DESIGNATED TO REMAIN.
- LANDSCAPE CONTRACTOR TO WARRANTY ALL PLANT MATERIALS FOR A PERIOD OF ONE YEAR. THE CONTRACTOR AGREES TO REPLACE DEFECTIVE WORK AND DEFECTIVE PLANTS, AND THAT THE OWNER'S REPRESENTATIVE SHALL MAKE THE FINAL DETERMINATION IF PLANTS MEET THE REQUIRED SPECIFICATIONS OR THAT PLANTS ARE DEFECTIVE. PLANTS DETERMINED TO BE DEFECTIVE SHALL BE REMOVED IMMEDIATELY UPON NOTIFICATION BY THE OWNER'S REPRESENTATIVE AND REPLACED WITHOUT COST TO THE OWNER, AS SOON AS WEATHER CONDITIONS PERMIT AND WITHIN THE SPECIFIED PLANTING PERIOD. THE REPLACED MATERIALS SHALL ALSO RECEIVE A WARRANTY PERIOD OF ONE YEAR WHICH STARTS AT THE DATE OF INSTALLATION. BULBS, ANNUAL FLOWERS, AND SEASONAL COLOR PLANTS SHALL ONLY BE WARRANTED FOR THE PERIOD OF THE EXPECTED BLOOM OR PRIMARY DISPLAY.

PLANTERS/POTS/SEASONAL PLANTING NOTES:

- SOIL SHOULD BE NUTRIENT-RICH, MOISTURE CONTAINING PLANTING MEDIUM AND BE A MINIMUM 18" DEPTH FOR SEASONALS, PERENNIALS AND SMALL SHRUBS. MINIMUM 36" DEPTH FOR ALL TREES.
- A LAYER OF RIVER ROCK SHALL BE PLACED IN THE BASE OF EACH PLANTER POT TO A MINIMUM 6" DEPTH OR AS ALLOWABLE BY REQUIRED SOIL DEPTH. PLACE FILTER FABRIC BETWEEN SOIL MEDIUM AND RIVER ROCK AND SOIL MEDIUM AND PLANTER EDGES. OVERLAP FABRIC 6" MINIMUM TO MINIMIZE SOIL WASH.
- PLANTERS POTS WHICH DO NOT RECEIVE IRRIGATION SHALL BE HAND-WATERED. HAND WATERING SHOULD OCCUR MINIMUM 2 TIMES PER WEEK DURING COOLER AND RAINY SEASONS AND INCREASED TO EVERY 2-3 DAYS DURING HOT DRY WEATHER. ALWAYS CHECK SOIL 6" BELOW SURFACE FOR SATURATION PRIOR TO WATERING TO PREVENT OVERWATERING/DROWNING OF PLANT MATERIAL.
- WHEN APPLICABLE, PLANTS TO REMAIN IN CONTAINERS FOR DURATION OF SEASON ARE SHOWN IN THE "PERMANENT LAYOUT". EACH SEASON WILL HAVE ITS OWN PLANT MATERIAL, SOME OF WHICH MAY LAST ALL YEAR. ROTATE IN THE PLANTS NOTED FOR EACH SEASON.
- CONTACT LANDESIGN FOR ANY REQUIRED SUBSTITUTIONS.
- ALL PLANTS SHOULD BE FULL AT TIME OF INSTALLATION AND COVER 75% OF POT SURFACE AREA.



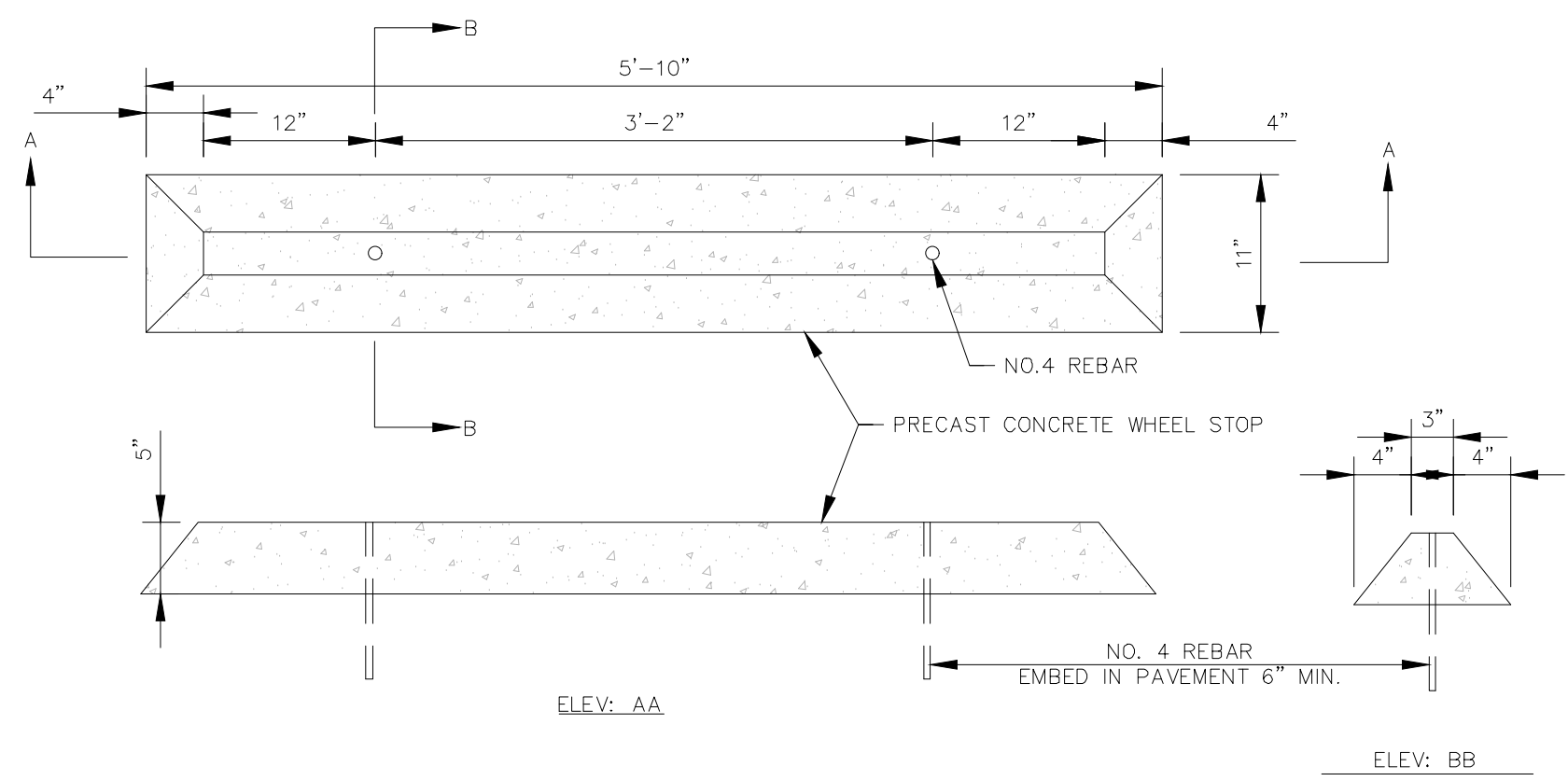
SCALE: 1" = 10'

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C

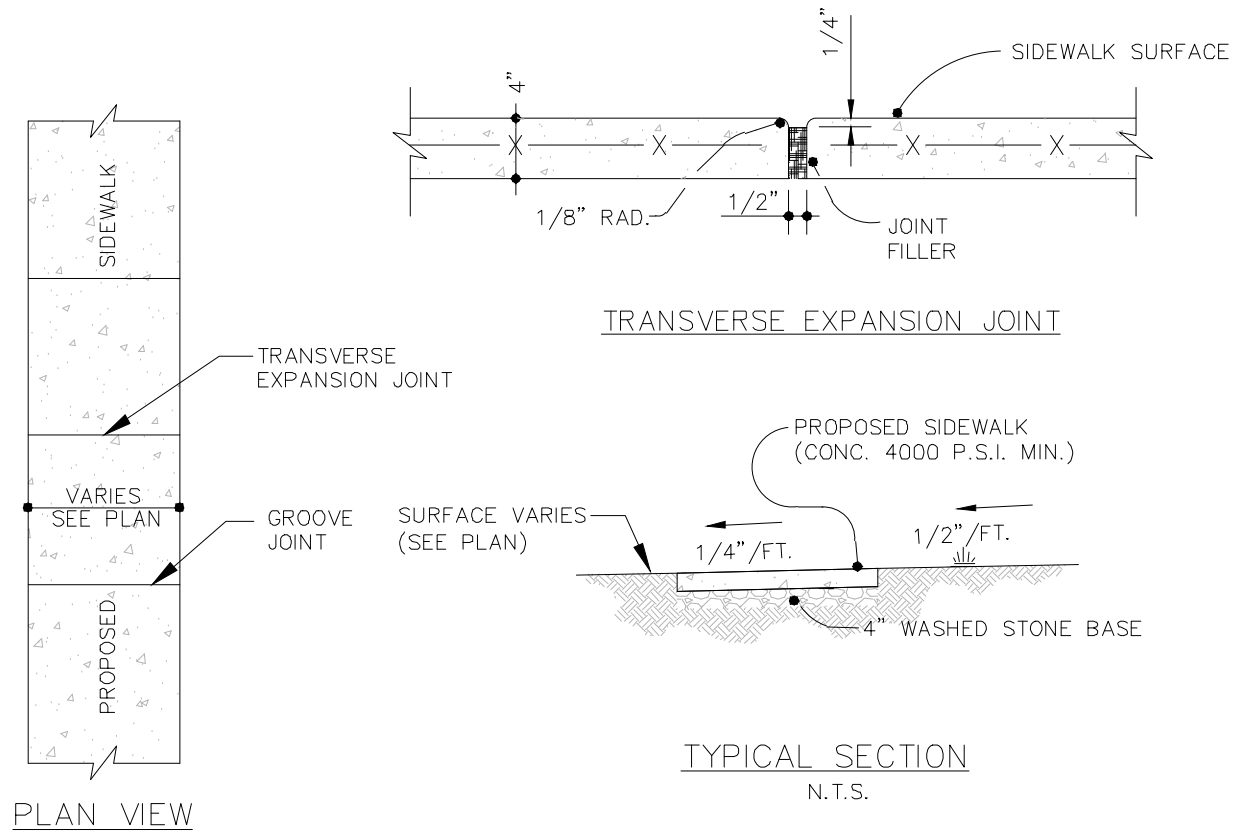
B

A



WHEEL STOP DETAIL
NOT TO SCALE

D2.04

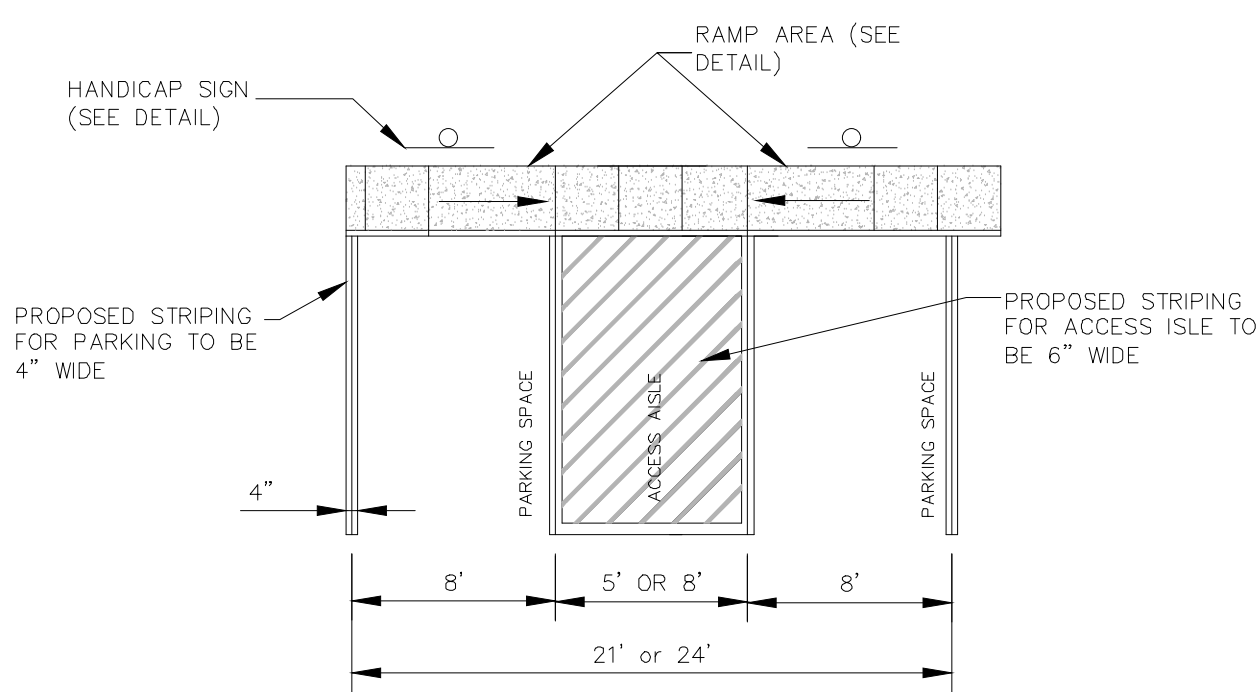


NOTES:

1. TRANSVERSE EXPANSION JOINTS TO BE A MAXIMUM OF 40 FEET.
2. ALL CONCRETE TO BE FINISHED WITH DURING COMPOUND.
3. A GROOVE JOINT 1" DEEP WITH 1/3" RADI SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT 5' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT 40' INTERVALS. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE.
4. 6"x6"/ 1.4x1.4 W.W.F. REQUIRED IN ALL SIDEWALKS.

SIDEWALK DETAIL
NOT TO SCALE

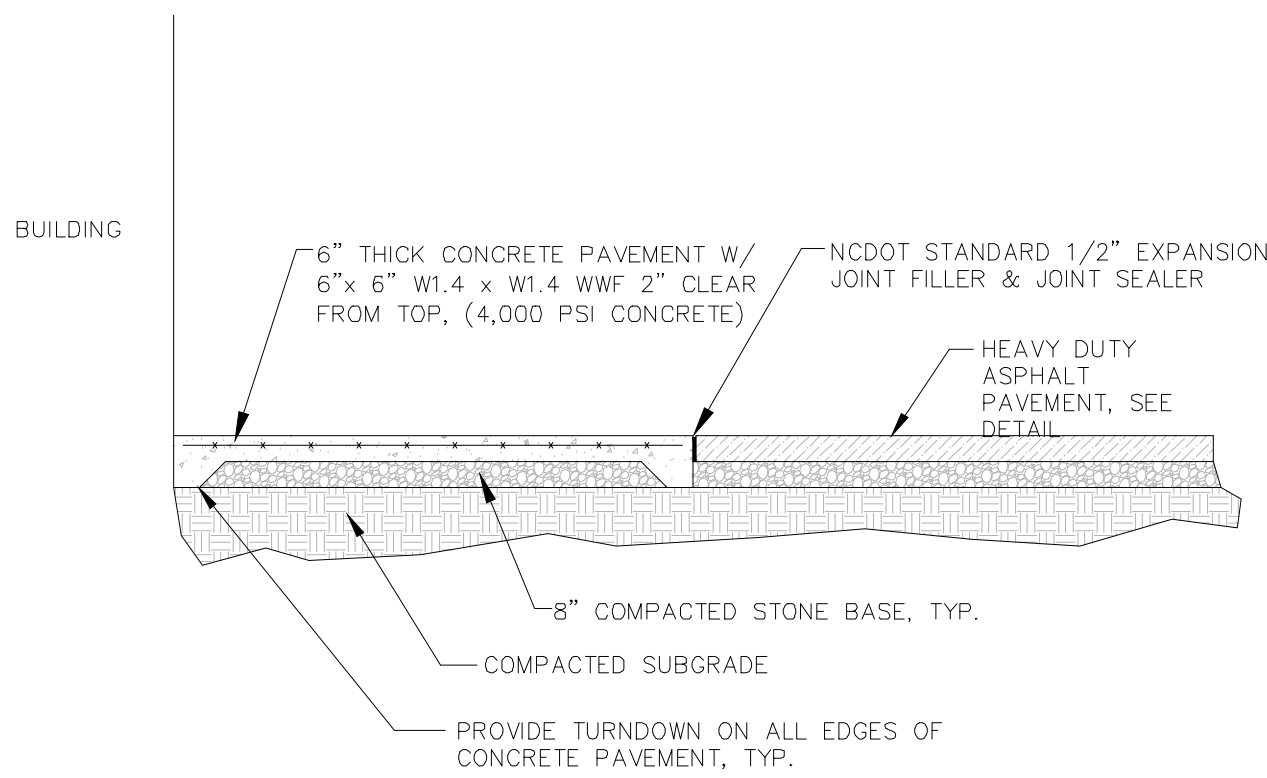
D2.05



- NOTES:
1. ACCESS AISLE FOR CARS SHALL BE 5' AND FOR VANS 8'
 2. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION AND THE NORTH CAROLINA SUPPLEMENT TO THE MUTCD.

STRIPING AND HANDICAP PARKING DETAIL
NOT TO SCALE

D2.03

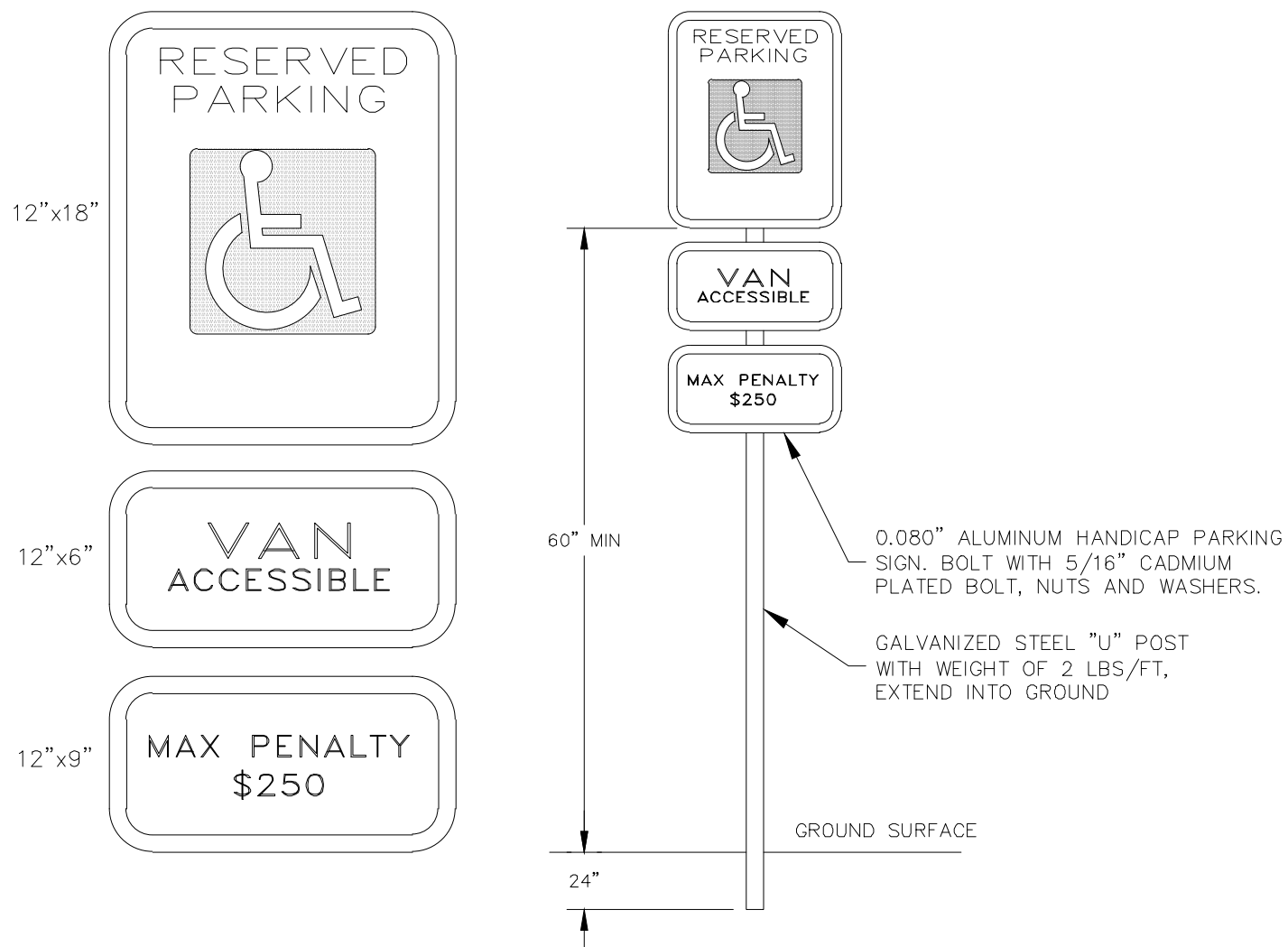


NOTE:

SEE ARCHITECTURAL DRAWINGS FOR JOINT LAYOUT AND SPACING.

CONCRETE PAVEMENT DETAIL
NOT TO SCALE

D2.06

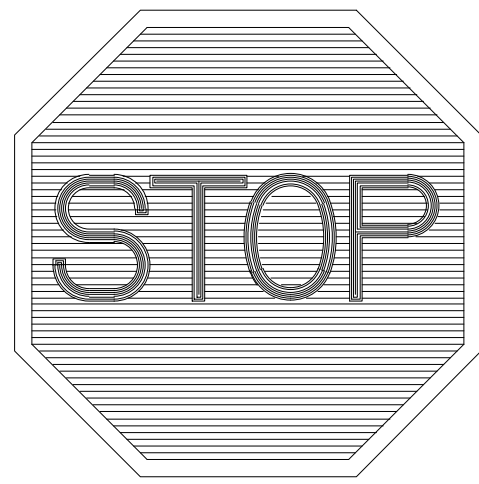


NOTES:

1. RESERVED PARKING SIGN SHALL INCLUDE A WHITE WHEELCHAIR SYMBOL ON A BLUE SQUARE.
2. SIGNS SHALL HAVE A GREEN LEGEND AND BORDER ON A WHITE BACKGROUND.
3. SIGNS IDENTIFYING VAN PARKING SPACES SHALL CONTAIN THE DESIGNATION "VAN ACCESSIBLE".
4. ALL SIGNS AND STRIPING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE NORTH CAROLINA SUPPLEMENT TO THE MUTCD.

ACCESSIBLE PARKING SPACE SIGN
NOT TO SCALE

D2.02

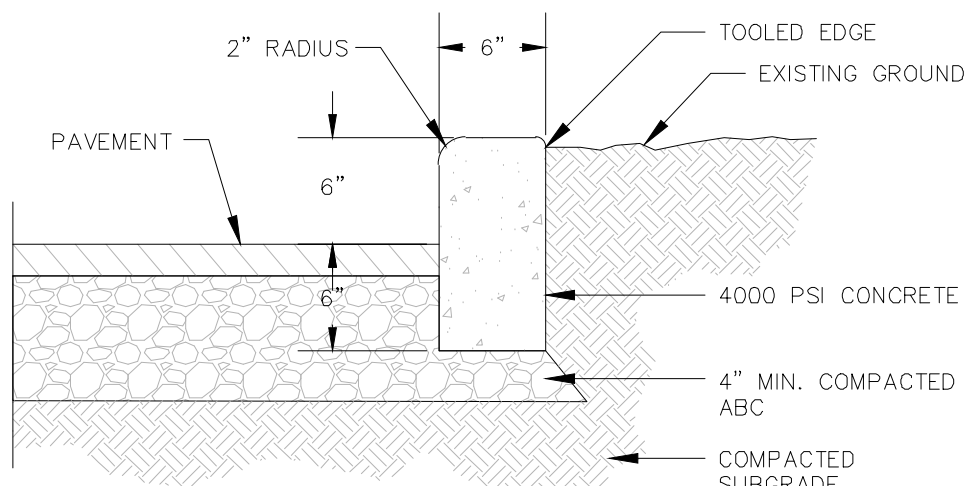


NOTES:

1. SIGN SHALL HAVE WHITE LETTERS ON A RED REFLECTIVE BACKGROUND.
2. ALL SIGNS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION AND THE NORTH CAROLINA SUPPLEMENT TO THE MUTCD.

STOP SIGN DETAIL
NOT TO SCALE

D2.07



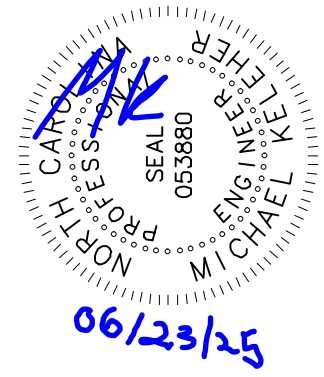
STAND-UP CONCRETE CURB DETAIL
NOT TO SCALE

D2.01

SITE DETAILS

1000 W. Morehead St.
Suite 120
Charlotte, NC 28208
p 704.376.6000
www.creechassociates.com

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CANTON TOWN HALL

SITE DETAILS FOR:

TOWN OF CANTON, NC - TOWN OF CANTON, NORTH CAROLINA

No.	Description	Date
1	75% PRICING REVIEW SET	05/28/2025
2	CONSULTANT REVIEW SET	06/17/2025
3	FINAL CD'S	06/23/2025

Package: CONSTRUCTION DOCUMENTS

Project Number: 2023-001-02

Date: JUNE 23, 2025

DRAWN BY: MFK
CDC PROJECT NO.: 22903

SHEET

C921

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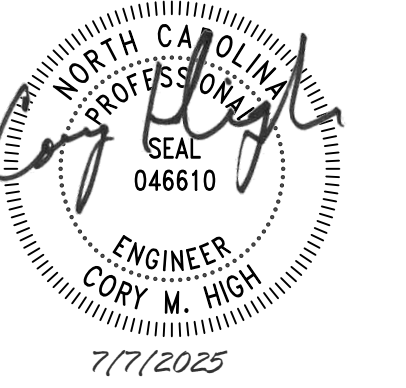
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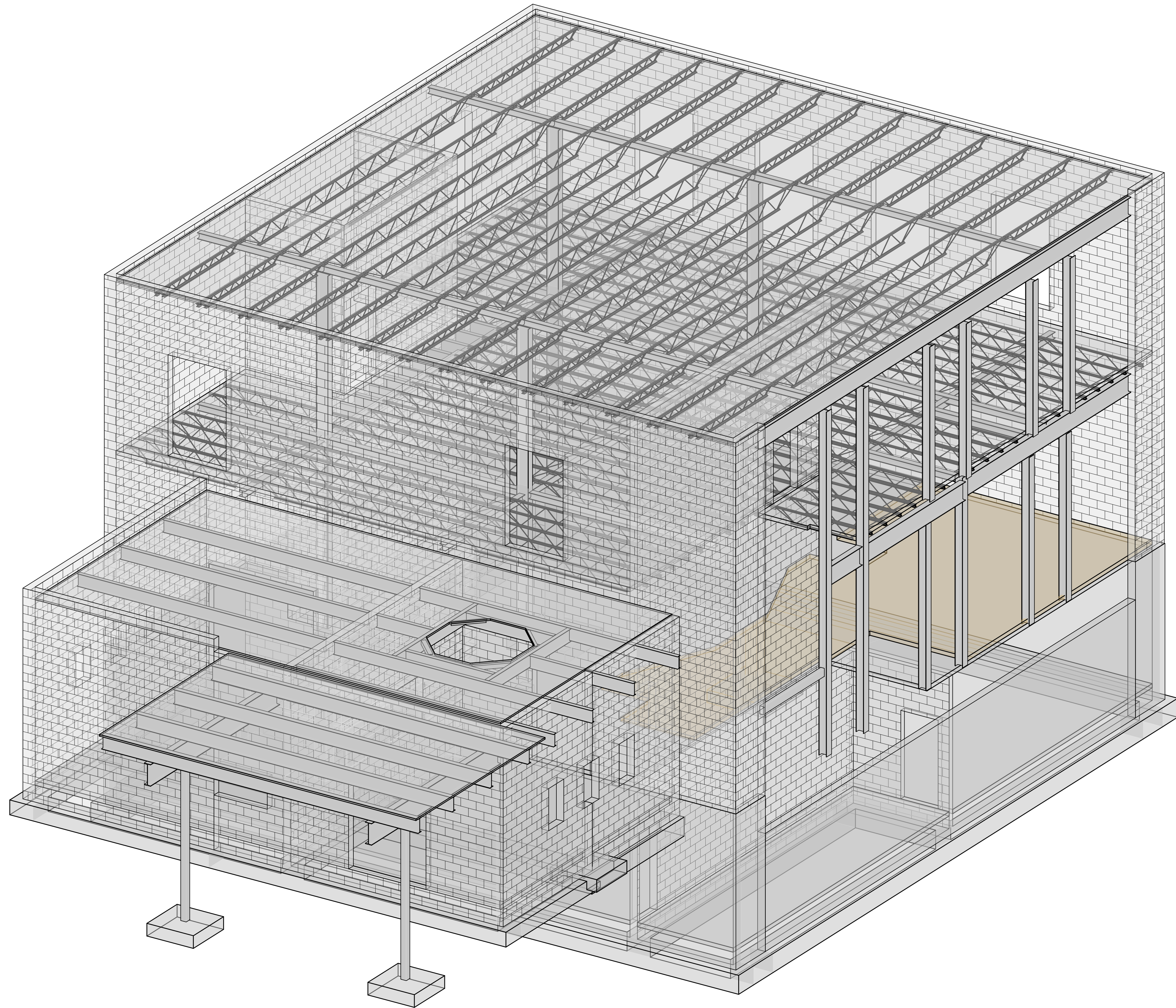
CANTON TOWN HALL

[illegible]

Package:	CONSTRUCTION DOCUMENTS
Project Number:	2023-001-02
Date:	JULY 7, 2025

COVER SHEET

S-001



NOTES:
1. ISOMETRIC VIEW IS FOR GENERAL REFERENCE ONLY AND MAY NOT SHOW ALL STRUCTURAL SCOPE.

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GENERAL:

1. PROVIDE CONSTRUCTION CONFORMING TO THE 2018 NORTH CAROLINA STATE BUILDING CODE, BUILDING CODE, REFERENCE TO LATEST EDITION OR OTHER STANDARDS, SPECIFICATIONS OR CODES SHALL MEET THE LATEST STANDARD OR CODE PUBLISHED AND ADOPTED BY THE LISTED BUILDING CODE.
2. MATERIAL TESTS AND INSPECTIONS ARE REQUIRED PER CHAPTER 17 OF THE BUILDING CODE. REFER TO THE PROJECT STATEMENT OF SPECIAL INSPECTIONS FOR REQUIRED TESTS AND INSPECTIONS.
3. THESE NOTES APPLY EXCEPT WHERE OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS.
4. STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. SUBMITTED SHOP DRAWINGS DETAIL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND THE SPECIFIC REQUIREMENTS OF THIS PROJECT AS INDICATED ON THE DRAWINGS.
5. COORDINATE THE STRUCTURAL CONTRACT DOCUMENTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL AND OTHER CONSULTANTS. NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD IN WRITING OF ANY CONFLICT AND/OR OMISSION. WHERE A CONFLICT OCCURS, THE STRICTEST REQUIREMENT SHALL GOVERN UNLESS OTHERWISE DECIDED BY THE DESIGN TEAM.
6. COORDINATE AND VERIFY FLOOR AND ROOF OPENING SIZES AND LOCATIONS SHOWN WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. FOR ADDITIONAL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS REFER TO THE ARCHITECTURAL AND MECHANICAL DRAWINGS.
7. OBTAIN WRITTEN APPROVAL OF ADDITIONAL OPENINGS LARGER THAN 12" X 12" FROM THE STRUCTURAL ENGINEER OF RECORD.
8. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, ADEQUACY AND SAFETY OF CRECION BRACING, SHORING, TEMPORARY SUPPORTS AND ALL OTHER MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION.
8. COORDINATE THE BUILDING ORIENTATION WITH THE ARCHITECTURAL DRAWINGS.
9. COMPLETE SHOP DRAWINGS FOR CONSTRUCTION OF EACH BUILDING COMPONENT NOT DESIGNED BY THE DESIGN TEAM OF RECORD AND NOT SPECIFIED ON THE PROJECT CONSTRUCTION DOCUMENTS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED AND SHALL BE MADE AVAILABLE AT THE JOB SITE.
10. UNO, FIREPROOFING REQUIREMENTS, METHODS AND MATERIALS FOR STRUCTURAL MEMBERS ARE NOT SHOWN ON STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
11. ALL REACTIONS AND FORCES SHOWN ON THE DRAWINGS ARE SERVICE LOADS AND COMBINATIONS UNO.
12. DO NOT SCALE OFF OF DRAWINGS, ASK ARCHITECT FOR DIMENSIONS NOT SHOWN.

DESIGN LOADS:

- | | |
|---|---|
| 1. LIVE LOADS: | UNIFORM |
| ROOF | =20 PSF |
| ASSUMED PUBLIC ROOM AND CORRIDOR | =100 PSF |
| 2. RISK CATEGORY | =II |
| 3. WIND DESIGN DATA: | |
| ULTIMATE WIND SPEED, V _{ULT} | =110 MPH |
| NOMINAL WIND SPEED, V _{ASD} | =85 MPH |
| WIND EXPOSURE | =C |
| INTERNAL PRESSURE COEFFICIENT | =+0.18 |
| COMPONENTS AND CLADDING PRESSURES | =SEE TABLE |
| 4. ROOF SNOW LOADING: | |
| GROUND SNOW LOAD (P _g) | =15 PSF |
| FLAT-ROOF SNOW LOAD (P _f) | =10.5 PSF |
| SNOW EXPOSURE FACTOR (C _e) | =1.0 |
| SNOW LOAD IMPORTANCE FACTOR (I _s) | =1.0 |
| THERMAL FACTOR (C _t) | =1.0 |
| 5. SEISMIC DESIGN DATA: | |
| SEISMIC IMPORTANCE FACTOR (I _e) | =1.0 |
| MAPPED SPECTRAL RESPONSE ACCELERATION | |
| PARAMETERS (S _s) | =0.325g |
| (S ₁) | =D |
| SITE CLASS | |
| DESIGN SPECTRAL RESPONSE ACCELERATION | |
| PARAMETERS (S _s) | =0.334 |
| (S ₁) | =0.174 |
| SEISMIC DESIGN CATEGORY | =C |
| BASIC SEISMIC FORCE-RESISTING SYSTEM | =INTERMEDIATE REINFORCED MASONRY SHEAR WALL |
| EXISTING SEISMIC FORCE-RESISTING SYSTEM | =UNALtered MU AND CONCRETE SHEAR WALLS |
| EXISTING DEMAND-CAPACITY RATIO OF THE EXISTING | =1.0 |
| SEISMIC FORCE-RESISTING SYSTEM IS NOT INCREASED | =BY MORE THAN 10%. |
| DESIGN BASE SHEAR OF ADDITION ONLY | =16.3 KIPS |
| SEISMIC RESPONSE COEFFICIENT (C _s) | =3.5 |
| RESPONSE MODIFICATION COEFFICIENT (R) | =1.0 |
| PROCEDURE USED | =UNEVALUATED LATERAL FORCE PROCEDURE |
| 6. FLOOD DESIGN DATA: | |
| FLOOD HAZARD ZONE DESIGNATION | =X (UNSHADED) |

EXISTING CONDITIONS:

1. RENOVATION OF EXISTING STRUCTURES REQUIRES THOROUGH COORDINATION OF THE CONTRACT DOCUMENTS WITH EXISTING CONDITIONS. THE CONTRACTOR MUST VERIFY ALL RELEVANT EXISTING CONDITIONS, DIMENSIONS AND DETAILS PRIOR TO BEGINNING CONSTRUCTION. REPORT ANY DEVIATIONS FROM CONDITIONS OR DIMENSIONS SHOWN ON THE CONTRACT DOCUMENTS TO THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD FOR REVIEW OF THE DESIGN AND POSSIBLE REVISION OF THE CONTRACT DOCUMENTS.
2. THE NATURE OF STRUCTURAL DEMOLITION AND STABILIZATION IS INHERENTLY UNCERTAIN. THE EXACT CONDITION AND CAPACITY OF EACH STRUCTURAL ELEMENT CANNOT BE VERIFIED PRIOR TO THE COMMENCEMENT OF WORK. AS A RESULT, IT IS IMPERATIVE TO REPORT ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND ACTUAL FIELD CONDITIONS, AS WELL AS ANY ELEMENT OF QUESTIONABLE STRUCTURAL INTEGRITY IMMEDIATELY TO THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD FOR REVIEW.
3. NO ATTEMPT HAS BEEN MADE TO DEFINE EACH SPECIFIC STRUCTURAL ELEMENT THAT MUST BE REMOVED, ENHANCED OR REPLACED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE CONDITION OF INDIVIDUAL ELEMENTS, TO DETERMINE WHICH ELEMENTS CAN BE SALVAGED, WHICH ELEMENTS MUST BE REPLACED AND WHICH ELEMENTS ARE QUESTIONABLE. THE CONTRACTOR SHOULD CONSULT WITH THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD TO DETERMINE THE APPROPRIATE PROCEDURE FOR HANDLING ELEMENTS IN QUESTIONABLE CONDITION.
4. THE DIMENSIONS AND ELEVATIONS SHOWN FOR THE EXISTING CONSTRUCTION ARE NOT AS-BUILT DIMENSIONS BUT WERE OBTAINED FROM FIELD MEASUREMENTS, OTHER DRAWINGS AND DOCUMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND MEMBER SIZES AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION, FABRICATION, ETC.
5. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS NOT TO DISTURB OR UNDERMINE ANY EXISTING BUILDING FOUNDATIONS OR STRUCTURE AND SHALL PROVIDE SHORING AS REQUIRED.
6. IN AREAS WHERE UNDERMINING OF EXISTING BUILDING FOUNDATION OR STRUCTURE IS REQUIRED BY THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL PROVIDE UNDERPINNING AND/OR SHORING AS REQUIRED TO SUPPORT THE EXISTING BUILDING FOUNDATIONS AND STRUCTURES. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SIGNED AND SEALED CALCULATIONS FOR APPROVAL PRIOR TO CONSTRUCTION. DESIGN SHALL BE COORDINATED WITH GEOTECHNICAL ENGINEERS REPORT AND RECOMMENDATIONS.

PERFORMANCE SPECIFIED ITEMS:

1. EMPLOY OR RETAIN A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF WHICH THIS PROJECT IS LOCATED TO DESIGN THE FOLLOWING STRUCTURAL SYSTEMS AND COMPONENTS:
 - A. TEMPORARY EXCAVATION SUPPORT
 - B. UNDERPINNING
 - C. PROPRIETARY FOUNDATION SYSTEMS
 - D. STRUCTURAL STEEL CONNECTIONS REQUIRING ENGINEERING
 - E. CURTAIN WALL AND STRUCTURAL GLAZING SYSTEMS
 - F. STRUCTURAL SKYLIGHT SUPPORT, SHORING AND BRACING
 - G. OTHER SYSTEMS NOT SHOWN IN THE STRUCTURAL DRAWINGS
2. THE COMPONENT ENGINEER IS RESPONSIBLE FOR CODE CONFORMANCE AND ENSURING DESIGN MEETS ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS.
3. SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED FOR ALL PERFORMANCE SPECIFIED ITEMS. SUBMITTALS SHALL CLEARLY IDENTIFY THE SPECIFIC PROJECT AND APPLICABLE CODES, LIST THE DESIGN CRITERIA AND SHOW ALL DETAILS AND PLANS NECESSARY FOR PROPER FABRICATION AND INSTALLATION. CALCULATIONS AND SHOP DRAWINGS SHALL IDENTIFY SPECIFIC PRODUCT UTILIZED. GENERIC PRODUCTS WILL NOT BE ACCEPTED.
4. SHOP DRAWINGS AND CALCULATIONS REQUIRE THE SEAL, DATE AND SIGNATURE OF THE COMPONENT ENGINEER.
5. SHOP DRAWING SUBMITTALS FOR PERFORMANCE SPECIFIED COMPONENTS SHALL BE REVIEWED BY THE COMPONENT ENGINEER PRIOR TO SUBMITTAL. IF THE SHOP DRAWINGS ARE NOT SIGNED AND SEALED BY THE COMPONENT ENGINEER, THEN PROVIDE A SIGNED LETTER OR A NOTE ON THE DRAWING SUBMITTAL, WRITTEN AND SIGNED BY THE COMPONENT ENGINEER INDICATING THAT THE SHOP DRAWINGS ARE IN CONFORMANCE WITH THE CALCULATIONS. ALL CALCULATIONS SHALL BE SIGNED AND SEALED BY COMPONENT ENGINEER, NO EXCEPTIONS WILL BE ALLOWED.
6. SUBMITTALS NOT MEETING THE CRITERIA LISTED IN THIS SECTION WILL BE REJECTED. BENNETT & PLESS, INC. WILL NOT BE RESPONSIBLE FOR DELAYS CAUSED BY REJECTED SUBMITTALS.

SHOP DRAWINGS:

- A. PROVIDE SHOP DRAWING SUBMIT SHOP DRAWINGS THAT ADEQUATELY DEPICT THE STRUCTURAL ELEMENTS AND CONNECTIONS SHOWN IN THE CONTRACT DOCUMENTS. STRUCTURAL DRAWINGS INDICATE TYPICAL AND CERTAIN CONDITIONS ONLY. SHOP DRAWINGS SHALL DETAIL ALL CONDITIONS IN ACCORDANCE WITH SPECIFIED STANDARDS AND SPECIFIC REQUIREMENTS OF THIS PROJECT.
- B. REVIEW OF SUBMITTALS AND SHOP DRAWINGS BY THE ARCHITECT/ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATIONS OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS.
- C. SHOP DRAWINGS WILL BE REVIEWED FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF QUANTITIES, LENGTHS, ELEVATIONS, DIMENSIONS, ETC.
- D. SHOP DRAWING SUBMITTALS SHALL BE SUBMITTED ELECTRONICALLY. SHOP DRAWINGS SHALL BE REVIEWED, STAMPED AND SIGNED BY THE CONTRACTOR PRIOR TO SUBMITTAL TO THE ARCHITECT/ENGINEER. DRAWINGS SUBMITTED WITHOUT REVIEW WILL BE RETURNED UNCHECKED.
- E. THE USE OR REPRODUCTIONS OF THESE CONTRACT DRAWINGS OR ANY PART OF THEM BY CONTRACTOR IN LIEU OF PREPARATION OF SHOP DRAWINGS WILL BE REJECTED UNCHECKED.
- F. MAXIMUM REQUIRED TURN AROUND TIME FOR SHOP DRAWING APPROVAL BY STRUCTURAL ENGINEER IS TEN (10) WORKING DAYS.
- G. THE FOLLOWING SHOP DRAWINGS SHALL BE SUBMITTED PRIOR TO CONSTRUCTION:
 - A. CONCRETE MIX DESIGN
 - B. CONCRETE REINFORCING
 - C. MASONRY REINFORCEMENT
 - D. MASONRY
 - E. STRUCTURAL STEEL
 - F. METAL ROOF DECK ASSEMBLIES
 - G. OPEN WEB STEEL JOISTS AND/OR GIRDERS
 - H. GLAZED CURTAIN WALLS
 - I. EXCAVATION SHORING AND RETAINING SYSTEMS
 - J. MECHANICAL ANCHORS
 - K. CHEMICAL ANCHORS

003192 - FOUNDATIONS:

1. THE DESIGN OF FOUNDATIONS, RETAINING WALLS AND SLABS-ON-GRADE IS BASED ON THE FOLLOWING GEOLOGICAL REPORT. REFER TO THE REPORT FOR ADDITIONAL SITE PREPARATION AND FOUNDATION INSTALLATION INFORMATION.
 - A. REPORT NUMBER:
 - B. PREPARED BY:
 - C. TITLED:
 - D. DATED:
2. SHADELOW FOUNDATIONS ARE DESIGNED BASED ON AN ALLOWABLE BEARING PRESSURE OF 2000 PSF.
3. SLAB ON GRADES ARE DESIGNED BASED ON A MODULUS OF SUBGRADE REACTION OF 100 PCF.
4. AFTER EXCAVATION, IF THE CONDITION OF THE SOILS DO NOT MEET THE RECOMMENDED DESIGN CRITERIA STATED IN THE GEOTECHNICAL REPORT, NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD SO THAT THE FOUNDATIONS MAY BE REDESIGNED IF NECESSARY.
5. THE GEOTECHNICAL ENGINEER MUST VERIFY THE CONDITION AND/OR ADEQUACY OF ALL SUB-GRADES, FILLS AND BACKFILLS PRIOR TO THE PLACEMENT OF FOUNDATIONS, FOOTINGS, SLABS, WALLS, ETC.
6. COORDINATE TOP OF FOOTING ELEVATIONS WITH THE REQUIREMENTS OF OTHER TRADES (PLUMBING, ELECTRICAL, ETC.).
7. BOTTOM OF ALL EXISTING FOUNDATIONS SHALL BE A MINIMUM OF 2" - 0" BELOW GRADE TO ACHIEVE FROST DEPTH REQUIRED FOR THE PROJECT LOCATION, UNO.
8. BACK FILLING WALLS:
 - A. DEPOSIT BACKFILL AGAINST WALLS EVENLY AGAINST BOTH SIDES OF WALL UNTIL THE LOWER FINAL GRADE IS REACHED.
 - B. DO NOT PLACE BACKFILL AGAINST WALLS DEPENDENT UPON TOP AND BOTTOM CONCRETE SLABS FOR SUPPORT UNTIL THE CONCRETE SLABS HAVE ATTAINED 65% OF THEIR DESIGN 28 DAY COMPRESSION STRENGTH.
 - C. SHORE AND BRACE WALLS SHOWN MONOLITHIC WITH A SLAB-ON-GRADE AT THE TOP OF THE WALL DURING CONSTRUCTION.
 - D. FOUNDATION WALLS TO BE BACKFILLED WITH FREE-DRAINING MATERIAL PER GEOTECHNICAL REPORT.
9. CONSTRUCT COLUMN FOOTINGS AND WALL FOOTINGS MONOLITHICALLY WITH TOPS OF ADJACENT FOOTINGS AT THE SAME ELEVATION.
10. FOLLOW THE RECOMMENDATIONS LISTED IN THE GEOTECHNICAL REPORT FOR SITE PREPARATION.
11. SIDES OF FOUNDATIONS MUST BE FORMED UNLESS CONDITIONS PERMIT EARTH FORMING. FOUNDATIONS PLACED AGAINST THE EARTH REQUIRE THE FOLLOWING PRECAUTIONS: SLOPE SIDES OF EXCAVATION PROVED BY THE CONTRACTOR TO BE SUFFICIENT TO PREVENT EARTH SLOUGHING BEFORE AND DURING CONCRETE PLACEMENT. ALL EXPOSED TURNED DOWN SLAB EDGES MUST BE FORMED.
12. WHERE FOUNDATION SLOPES ARE NECESSARY, SLOPE NO STEEPER THAN ONE VERTICAL TO TWO HORIZONTAL. FOUNDATION STEPS SHOWN ON IN GENERAL ON FOUNDATION PLANS BASED ON GRADING PLANS. ANY ADDITIONAL STEPS REQUIRED TO MAINTAIN FOUNDATION FROST DEPTH TO AVOID UNDERMINING OF THE FOUNDATION EXISTING FOUNDATION TO BE COORDINATED BY THE CONTRACTOR AT NO ADDITIONAL COST.
13. COORDINATE UNDERFLOOR DRAIN REQUIREMENTS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS.
14. UNLESS OTHERWISE NOTED, ALL FOOTINGS AND PLASTERS SHALL BE CONCRETE UNDER SUPPORTED MEMBERS.
15. NO FOUNDATIONS SHALL BE PLACED IN WATER OR ON FROZEN GROUND.
16. SHOULD UTILITY CONSTRUCTION BE PERFORMED AFTER INITIAL EARTHWORK OPERATIONS, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ACHIEVING 90% COMPACTION IN ALL TRENCH BACKFILL.

REINFORCED CONCRETE:

1. PROVIDE REINFORCED CONCRETE CONFORMING TO THE FOLLOWING STANDARDS:
 - A. ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, LATEST EDITION.
 - B. ACI 318, BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, LATEST EDITION.
 - C. ACI 302.1R, GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION, LATEST EDITION.
 - D. ACI 308R, DESIGN OF SLABS-ON-GROUND, LATEST EDITION.
2. FULLY DOCUMENT AND SUBMIT FOR REVIEW THE PROPOSED MATERIALS AND MIXTURES FOR ALL CONCRETE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE REQUIRED DESIGN STRENGTH. ALL CONCRETE TEST DATA MUST BE AVAILABLE AT THE JOB SITE.
3. PROVIDE REINFORCEMENT ACCORDING TO ACI 318M-08 DETAILING MANUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL, SHOWING ALL FABRICATION DIMENSIONS AND LOCATIONS FOR PLACING CONCRETE REINFORCING AND PROVIDE REINFORCING DETAILING FOR ALL CONCRETE REINFORCING. ALL CONCRETE REINFORCING SHALL BE COMPLETED AND REVIEWED BY THE STRUCTURAL EOR. UNLESS SPECIFICALLY APPROVED OTHERWISE, DETAIL ALL CONCRETE WALLS AND BEAMS IN CONCRETE.
4. PROVIDE NORMAL WEIGHT CONCRETE WITH THE FOLLOWING 28 DAY COMPRESSIVE STRENGTHS:
 - A. FOUNDATIONS: 3,000 PSI
 - B. RETAINING WALLS: 3,000 PSI
 - C. SLABS-ON-GRADE: 4,000 PSI
5. PROVIDE CONCRETE WITH:
 - A. 4% TO 6% ENTRAINED AIR BY VOLUME IN CONCRETE PERMANENTLY EXPOSED TO WEATHER.
 - B. THE USE OF CALCIUM CHLORIDE, CHLORIDE IONS OR OTHER SALTS IS NOT PERMITTED.
 - C. PLACE CONCRETE AT A SLUMP OF 5" ± 1" UNO.
6. UNO, PROVIDE REINFORCING STEEL CONFORMING TO ASTM A 615, GRADE 60.
7. PROVIDE WELDED WIRE REINFORCEMENT (MESH) IN FLAT SHEETS (ROLLS NOT PERMITTED) CONFORMING TO ASTM A1064. LAP WWR A MINIMUM OF 6" AT EACH SPLICE.
8. SEE ARCHITECTURAL DRAWINGS FOR WATERSTOPS.
9. UNO, PROVIDE THE FOLLOWING CONCRETE COVER ON ALL REINFORCING STEEL:
 - A. CONCRETE AGAINST EARTH (NOT FORMED): 3"
 - B. FORMED CONCRETE EXPOSED TO EARTH OR WEATHER:
 - a. #6 THROUGH #18 BARS: 2"
 - b. #5 BARS AND SMALLER: 1 1/2"
 - C. FORMED CONCRETE NOT EXPOSED TO EARTH OR WEATHER:
 - a. SLABS, JOISTS, AND WALLS: 3/4"
 - b. BEAMS (STRUTS) AND COLUMNS (TIES): 1 1/2"
10. REINFORCING, INCLUDING DOOWLS, SHALL BE SECURELY TIED AND CAST WITH THE LOWER MEMBER. PLACING REINFORCING AFTER CONCRETE HAS BEEN PLACED IS NOT PERMITTED.
11. FIELD BENDING OF REINFORCING PARTIALLY EMBEDDED IN CONCRETE IS NOT ALLOWED UNLESS SPECIFICALLY NOTED IN THE STRUCTURAL DOCUMENTS OR APPROVED BY STRUCTURAL ENGINEER.
12. PROVIDE DOOWLS FROM THE FOUNDATION WHICH ARE THE SAME GRADE, SIZE AND NUMBER AS VERTICAL WALL OR COLUMN REINFORCING UNO.
13. ALL REINFORCING STEEL AND EMBEDDED ITEMS SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO MAINTAIN THE POSITION OF THE REINFORCEMENT WITHIN SPECIFIED TOLERANCES DURING ALL CONSTRUCTION ACTIVITIES.
14. PROVIDE CORNER BARS AT ALL CORNERS AND INTERSECTIONS OF ALL FOOTINGS, BEAMS AND WALLS.
15. PROVIDE CONSTRUCTION OR CONTRACTION JOINTS IN SLABS-ON-GRADE SPACED AT A MAXIMUM 10'-0" IN EACH DIRECTION AND WITH THE LENGTH BETWEEN CONTROL JOINTS NO GREATER THAN 1 1/4 TIMES THE WIDTH BETWEEN CONTROL JOINTS.
16. SAWCUT CONTROL JOINTS AS SOON AFTER PLACING AS POSSIBLE, WHEN CONCRETE WILL NOT RAVEL, TEAR, ABRASE OR OTHERWISE DAMAGE THE SURFACE AND BEFORE THE CONCRETE DEVELOPS RANDOM SHRINKAGE CRACKING. CURING CONCRETE IN ACCORDANCE WITH ACI 301. BEGIN CURING IMMEDIATELY AFTER PLACING TO LIMIT CRACKING PRIOR TO SAWCUTTING CONTROL JOINTS.

REINFORCED CONCRETE (CONT):

18. NON-STRUCTURAL EMBEDMENTS (CONDUIT, PIPES, SLEEVES, ETC) WITHIN WALLS, BEAMS OR SLABS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER AND APPROVED PRIOR TO CONSTRUCTION. ALL EMBEDMENTS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH ACI STANDARDS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - A. ALUMINUM STRIPS SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE
 - B. OVERALL OUTSIDE DIMENSION OF EMBEDMENTS SHALL NOT EXCEED 1/3 THE CONCRETE MEMBER THICKNESS UP TO 2" MAXIMUM.
 - a. FOR CONCRETE SLABS ON METAL DECK THE MEMBER THICKNESS SHALL BE THE CONTINUOUS SLAB THICKNESS ABOVE THE DECK.
 - c. EMBEDMENTS SHALL BE SPACED A MINIMUM OF 6" OC.
 - d. EMBEDMENTS SHALL NOT ALTER OR DISPLACE REINFORCING
 - e. EMBEDMENTS WITHIN COLUMNS SHALL NOT DISPLACE MORE THAN 4% OF THE AREA OF THE COLUMN CROSS SECTION.
19. NO HORIZONTAL CONSTRUCTION JOINTS WILL BE ALLOWED IN BEAMS OR JOISTS
20. PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE. SPLICE REINFORCING BARS ONLY AS SHOWN OR APPROVED. STAGGER SPLICES WHERE POSSIBLE. USE CLASS "B" TENSION SPLICES UNO, INCLUDING DOWELS
21. TEST CYLINDERS SHALL BE TAKEN TO THE LESSER OF THE FOLLOWING:
 - A. 75 CUBIC YARDS
 - B. 24 HOUR PERIOD
 - C. CHANGE IN CONCRETE STRENGTH
22. TEST CYLINDERS AT 7 DAYS AND 28 DAYS. SHOULD 28 DAY STRENGTH NOT BE MET, TEST REMAINING CYLINDERS AT 56 DAYS. TEST RESULTS SHALL BE FORWARDED TO THE STRUCTURAL EOR.
23. THE LOCATION OF CONSTRUCTION JOINTS REQUIRES THE APPROVAL OF THE STRUCTURAL EOR.
 - A. UNLESS NOTED OTHERWISE, THOROUGHLY ROUGHEN (BY MECHANICAL MEANS) AND CLEAN CONSTRUCTION JOINTS.
 - B. PROVIDE KEYS IN BEAMS AT CONSTRUCTION JOINTS.
 - C. APPLY SLUSH COAT AS SPECIFIED.
24. THE PLACEMENT OF ALL REINFORCING STEEL MUST BE REVIEWED BY A PROFESSIONAL ENGINEER REGISTERED AND LICENSED IN THE STATE WHERE THE PROJECT IS TO BE CONSTRUCTED OR BY A REPRESENTATIVE RESPONSIBLE TO THE HR (REF: ACI 318).
25. PROVIDE COMPRESSIBLE FILLER AND SEALANT IN SLAB-ON-GRADE AND WALL AND COLUMN INTERFACES THAT ARE NOT DOVELED TOGETHER.
26. ALL COLUMN POCKETS SHALL BE FILLED WITH CONCRETE AFTER COLUMN IS PLACED.
27. PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PADS UNDER EQUIPMENT. PADS SHALL EXTEND BEYOND EQUIPMENT 6" NOMINAL ON ALL SIDES. APPLY BONDING AGENT TO EXISTING CONCRETE SLAB PRIOR TO PLACING HOUSEKEEPING PADS. SEE DOCUMENTS FROM OTHER DISCIPLINES FOR EQUIPMENT LOCATIONS.
28. AT FLOOR DRAINS, LOCALLY SET THE FLOOR TO DRAIN TOWARD DRAIN. SEE DOCUMENTS FROM OTHER DISCIPLINES FOR DRAIN LOCATIONS.
29. UNO, STRUCTURAL SLABS EXPOSED TO WEATHER SHALL BE SLOPED APPROXIMATELY 1/4 INCH PER FOOT AWAY FROM OCCUPIED SPACE TOWARD FLOOR DRAINS, SPOUTERS, GUTTERS, ETC. FOR EXTERIOR NON-STRUCTURAL PLATWORK (EX: SIDEWALKS, PAVEMENT) REFERENCE CIVIL SITE PLAN AND SPECIFICATIONS.
30. SEE ARCHITECTURAL DOCUMENTS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS, ETC REQUIRED TO BE ENCASED IN CONCRETE AND FOR LOCATION OF FLOOR FINISHES AND SLAB DEPRESSIONS.

STRUCTURAL MASONRY:

1. PROVIDE STRUCTURAL MASONRY CONFORMING TO THE FOLLOWING STANDARDS:
 - A. ACI 530 / ASCE 5 / TMS 402, BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES, LATEST EDITIONS.
 - B. ACI 530.1 / ASCE 6 / TMS 602, SPECIFICATIONS FOR CONCRETE MASONRY STRUCTURES, LATEST EDITIONS.
2. LOAD BEARING MASONRY WALLS ARE DESIGNED IN ACCORDANCE WITH CHAPTERS 1 AND 2 OF ACI 530.
3. PROVIDE HOLLOW, LOAD BEARING CONCRETE MASONRY UNITS (CMU) CONFORMING TO ASTM C 90 WITH A MINIMUM COMPRESSIVE STRENGTH OF MASONRY (F_m) OF 2,000 PSI AND A NET STRENGTH OF 2,000 PSI ON THE NET CROSS-SECTIONAL AREA OF CMU DETERMINED IN ACCORDANCE WITH ASTM C 140.
4. PROVIDE BRICK MASONRY UNITS CONSTRUCTED OF CLAY OR SHALE CONFORMING TO ASTM C 652.
5. PROVIDE MORTAR CONFORMING TO ASTM C 270, TYPE S. STANDARD MORTAR BED JOINT THICKNESS IS 3/8" AND MUST NOT VARY OUTSIDE THE RANGE BETWEEN 1/4" AND 1/2". DO NOT USE AIR ENTRAINED MORTAR.
6. PROVIDE GROUT FOR REINFORCED MASONRY CONFORMING TO ASTM C 478 WITH MINIMUM COMPRESSIVE STRENGTH 11,000 PSI AND A MINIMUM SLUMP OF 10".
7. PROVIDE STEEL REINFORCEMENT IN MASONRY WALLS CONFORMING TO ASTM A 615, GRADE 60.
8. PROVIDE MASONRY TIES AND ANCHORS OF THE TYPE AND SPACING AS DETAILED ON THE STRUCTURAL DRAWINGS AND IN CONFORMANCE WITH ASTM A82.
9. PROVIDE LADDER TYPE HORIZONTAL JOINT REINFORCING CONFORMING TO ASTM A82 IN ALL MASONRY WALLS. UNO, PLACE 6 GAGE ZINC COATED LADDER TYPE HORIZONTAL JOINT REINFORCING AT 16" OC. LAP HORIZONTAL JOINT REINFORCING MINIMUM 12". USE PREFABRICATED L'S AND T'S AT CORNERS AND INTERSECTIONS.
10. LAY ALL MASONRY UNITS IN RUNNING BOND.
11. FOR GROUTED WALLS:
 - A. THE MAXIMUM HEIGHT OF GROUT LIFTS MUST NOT EXCEED 5'-4".
 - B. THE MAXIMUM UN-GROUTED HEIGHT OF 8" OR THICKER CMU WALLS PRIOR TO GROUTING MUST NOT EXCEED 12'-0".
 - C. REFER TO TABLE 7 OF ACI 530.1 FOR THE MAXIMUM UN-GROUTED HEIGHT OF CMU WALLS THINNER THAN 8".
 - D. CONSOLIDATE AND RECONSOLIDATE GROUT IN ACCORDANCE WITH ACI 308.1R 3.8.6 OF ACI 530.1.
 - E. ALL GROUT POURS HIGHER THAN 5'-0" MUST HAVE INSPECTION HOLES AT THE BASE OF THE WALL.
12. REINFORCEMENT:
 - A. DETAIL REINFORCEMENT IN LOAD BEARING CMU WALLS IN ELEVATION ON SHOP DRAWINGS.
 - B. LAP VERTICAL MASONRY WALL REINFORCING AS SHOWN IN THE MASONRY LAP LENGTH SCHEDULE AND PROVIDE MINIMUM BAR SPLICE LENGTH.
 - C. PROVIDE VERTICAL CONTROL JOINTS IN ALL MASONRY WALLS NOT RETAINING EARTH. UNO ON THE ARCHITECT'S SHOP DRAWINGS, PLACE VERTICAL CONTROL JOINTS AT THREE TIMES THE WALL STORY HEIGHT, BUT NOT CLOSER THAN 25'-0" ON CENTER OR FARTHER THAN 10'-0" ON CENTER.
 - D. UNO, PROVIDE MINIMUM (1) #6 VERTICAL BAR, GROUTED FULL STORY HEIGHT, AT EACH SIDE OF OPENINGS AND AT ALL CORNERS AND ENDS OF WALLS, INCLUDING BOTH SIDES AT ENDS OF WALL PANELS AT VERTICAL CONTROL JOINTS.
 - E. UNO, PROVIDE CONCRETE AND STRUCTS OF MASONRY WALL PANELS TO THE STRUCTURE BY DOVETAIL ANCHORS, METAL STRAPS OR EQUIVALENT.
16. PLACE CONNECTORS FOR MASONRY VEGERS AT NOT MORE THAN 16" ON CENTER VERTICALLY OR 4" ON CENTER HORIZONTALLY.
17. PROVIDE A CONTINUOUS BOND BEAM AT THE TOP OF ALL MASONRY WALLS. UNO REINFORCE BOND BEAMS WITH (2) #4 CONTINUOUS REINFORCING BARS.
18. PREPARE LEVEL B QUALITY ASSURANCE AS DESCRIBED IN TABLE 4 OF ACI 530.1 / ASCE 6 / TMS 602, LATEST EDITIONS.
19. SAMPLE AND TEST GROUT IN ACCORDANCE WITH ARTICLES 1.4 B AND 1.6 OF ACI 530.1 / ASCE 6 / TMS 602, LATEST EDITIONS.

STRUCTURAL STEEL:

1. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST EDITION THE "MANUAL OF STEEL CONSTRUCTION" AND THE SPECIFICATION FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
2. SUBMIT SHOP DRAWINGS FOR FABRICATION AND ERECTION OF ALL STEEL MEMBERS IN ACCORDANCE WITH AISC STANDARDS NOTED ABOVE. DETAILER SHALL ASSUME EQUAL BEAM SPACING BETWEEN COLUMN LINES (OR BETWEEN BEAMS THAT ARE SPECIFICALLY LOCATED ON THE DRAWINGS) UNO ON THE DRAWINGS.
3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING, UNO:
 - A. WIDE FLANGE SHAPES AND CHANNELS (W, C, MC) = ASTM A992 (Fy = 50 KSI)
 - B. MISC SHAPES (M, S, L), PLATES, BARS = ASTM A572 (Fy = 50 KSI)
 - C. SQUARE/RECTANGULAR TUBING (HSS) = ASTM A500 GRADE C (Fy = 50 KSI)
 - D. STRUCTURAL BOLTS = ASTM A325 OR A490
 - E. STRUCTURAL NUTS = ASTM A563
 - F. STRUCTURAL WASHERS = ASTM F436
 - G. ANCHOR RODS = ASTM A193A GRADE 36
4. PRIME STRUCTURAL STEEL IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. IF SPECIFICATION MANUAL HAS NOT BEEN PROVIDED ALL STRUCTURAL STEEL NOT RECEIVING FIRE-PROOFING SHALL RECEIVE THE SEAL OF RUST-INHIBITIVE PRIMER. ALL STEEL WITH EXTERIOR EXPOSURE SHALL BE PAINTED WITH A DOUBLE COAT OF RUST PROHIBITIVE EPOXY PRIMER.
5. MATERIAL AND THICKNESS TO BE SPECIFIED BY ARCHITECT UNLESS NOTED AS GALVANIZED.
5. STEEL BELOW GRADE SHALL HAVE A MINIMUM OF 4" CONCRETE COVER FOR PROTECTION OR PROTECTIVE COAT OF ASPHALTIC PAINT.
6. BOLTING OF STRUCTURAL STEEL SHALL CONFORM TO THE PROVISIONS OF RCSC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 AND A490 BOLTS".
7. STRUCTURAL STEEL FABRICATOR IS RESPONSIBLE FOR DESIGN AND DETAILING OF STEEL CONNECTIONS REQUIRED BY THE CONTRACT DOCUMENTS AND SHALL COMPLY WITH THE FOLLOWING:
 - A. DESIGN ALL CONNECTIONS NOT SPECIFICALLY DETAILED ON DRAWINGS.
 - B. DESIGN CONNECTIONS USING SCHEMATIC DETAILS AND OTHER INFORMATION INDICATED ON DRAWINGS.
 - C. ALL REACTIONS AND FORCES INDICATED ON DRAWINGS ARE [ASD] OR [LRFD] AS STATED IN GENERAL NOTES SECTION.
8. DETAIL AND SUBMIT SIGNED AND SEALED CALCULATIONS FOR THE DESIGN OF MOMENT FRAME CONNECTIONS, BRACED FRAME CONNECTIONS, CONNECTIONS TRANSFERRING AXIAL LOAD AND CONNECTIONS THAT ARE PART OF THE BUILDING MAIN LATERAL RESISTING SYSTEM.

STRUCTURAL STEEL (CONT):

- E. SELECT AND COMPLETE BEAM SIMPLE SHEAR CONNECTIONS USING SCHEMATIC DETAILS AND AISC'S MANUAL OF STEEL CONSTRUCTION. BEAM CONNECTIONS SHALL NOT BE DESIGNED FOR MOMENT RESISTANCE UNLESS REQUEST.
- F. REVIEW OF SHOP DRAWINGS SHALL NOT RELIEVE FABRICATOR OF CONNECTION DESIGN RESPONSIBILITY.
- G. STRUCTURAL STEEL CONNECTIONS SHALL CONFORM TO THE FOLLOWING, UNO:
 - a. MINIMUM SIZE OF BOLTS SHALL BE 3/4" DIAMETER AND EACH CONNECTION SHALL HAVE A MINIMUM OF TWO BOLTS WITH ONE HARDENED WASHER PER BOLT.
 - b. BEARING TYPE CONNECTIONS SHALL BE DESIGNED AS TYPE "N".
 - c. IN GENERAL, CONNECTIONS SHALL BE FIELD BOLTED AND TIGHTENED TO SNUG TIGHT CONDITION. UNO, ALL BOLTS DESIGNATED "SLIP CRITICAL" OR "FULLY TIGHTENED" SHALL BE TIGHTENED TO THE MINIMUM PRETENSION VALUE SHOWN IN TABLE J3.1 OF THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS. IN ADDITION, CONNECTIONS DESIGNATED "SLIP CRITICAL" SHALL HAVE PROPERLY PREPARED FAYING SURFACES TO MEET CLASS A SURFACE CONDITION UNO.
 - d. "FULLY TIGHTENED" CONNECTIONS SHALL INCLUDE ALL BOLTS IN MOMENT CONNECTIONS, BRACED FRAME CONNECTIONS, HANGERS, GIRT CONNECTIONS, BOLTS IN TENSION, CONNECTIONS SUBJECT TO VIBRATION AND ALL A490 BOLTS. DIRECT TENSION INDICATOR (DTI) SHALL BE USED TO VERIFY TENSIONING OF ALL BOLTS IN TENSION CONNECTIONS. THESE CONDITIONS.
 - e. MINIMUM THICKNESS OF ALL CONNECTION MATERIAL TO BE 5/16".
 - f. UNO IN THE DRAWINGS, MINIMUM NUMBER OF BOLTS REQUIRED IN A BEAM WEB CONNECTION SHALL BE AS FOLLOWS:
 - i. MINIMUM THICKNESS OF GUSSET PLATES AND SHEAR PLATES TO BE 3/8".
 - j. MINIMUM THICKNESS OF BEAMS. THE MINIMUM NUMBER OF BOLTS SHALL BE REQUIRED TO DEVELOP THE END REACTION NOTED ON THE CONTRACT DRAWINGS. MINIMUM BEAM END REACTION TO BE USED IS 10 KIPS ASD.
 - k. CONNECTIONS SHALL BE DEVELOPED TO RESIST THE BEAM SHEAR END REACTION IN ADDITION TO ANY AXIAL FORCES LISTED ON THE STRUCTURAL DRAWINGS, WHERE APPLICABLE. FORCES SHALL BE CONSIDERED TO ACT SIMULTANEOUSLY FOR PRODUCTION OF OTHER THAN THOSE.
 - l. ALL MOMENT CONNECTIONS SHALL DEVELOP THE FULL MOMENT CAPACITY OF THE BEAM, UNO.
 - j. ALL BRACING CONNECTIONS SHALL DEVELOP THE TENSION/COMPRESSION FORCES NOTED ON THE DRAWINGS. IF THE FORCE IS NOT NOTED ON DRAWINGS, THE BRACING CONNECTION SHALL DEVELOP THE ALLOWED DESIGN FORCE IN THE MEMBER. BRACING CONNECTIONS SHALL BE DESIGNED AND DETAILED SO THAT ALL FORCE COMPONENTS WILL BE TRANSMITTED TO THE MEMBER. BRACING CONNECTIONS SHALL BE DESIGNED TO RESIST THE BEAM SHEAR AND GRAVITY OF INTERSECTING MEMBERS. WHERE THIS IS NOT POSSIBLE, CONNECTIONS SHALL BE DESIGNED FOR ALL RESULTING EC-CENTRICITIES.
8. WELDING PROCEDURES SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY'S (AWS) STRUCTURAL WELDING CODES AND SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH THE WELDING CODES.
9. WELDS SHOWN ON THE DRAWINGS ARE THE MINIMUM REQUIRED BY DESIGN. MINIMUM WELD SIZE SHALL BE 3/16". ALL STIFFENER PLATES, ANGLES, ETC SHALL BE WELDED TO THE STEEL MEMBERS. TO BE CONNECTED WITH 3/16" FILLET WELD ALL AROUND, UNO.
10. FABRICATION SHOP DRAWING SHALL REFLECT WELDS IN ACCORDANCE WITH AWS REQUIREMENTS. SHOP DRAWINGS SHALL DETAIL LOAD SHOR AND FIELD WELDS, SHOP AND FIELD WELD SHOWN ON DRAWINGS FOR CONCEPT, GENERAL CONTRACTOR SHALL COORDINATE WELDING SEQUENCE REQUIREMENTS, UNO.

STEEL JOISTS AND JOIST GIRDERS:

1. STEEL JOISTS AND JOIST GIRDERS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH STEEL JOIST INSTITUTE STANDARD SPECIFICATIONS.
2. JOIST AND BRIDGING SHALL BE DESIGNED TO WITHSTAND A SUPERIMPOSED NET UPLIFT PRESSURE DUE TO WIND AND DEAD LOAD AS FOLLOWS. NET UPLIFT PRESSURES INCLUDE JOIST WEIGHTS. NET UPLIFT PRESSURES SHOWING NEGATIVE VALUES ARE TO BE TREATED AS DOWNWARD LOADS. WIND PRESSURES.
 - A. -13.0 PSF AT INTERIOR AREAS
 - B. -16.2 PSF AT PERIMETER STRIPS
 - C. -16.2 PSF AT CORNER AREAS
3. SUBMIT SHOP DRAWINGS FOR APPROVAL, SHOWING IDENTIFICATION, LAYOUT, CONNECTION DETAILS, AND FASTENING FOR JOISTS AND JOIST GIRDERS. DO NOT BEGIN FABRICATION UNTIL THE SHOP DRAWINGS ARE COMPLETED AND REVIEWED BY THE STRUCTURAL EOR.
4. INSTALL BRIDGING IMMEDIATELY AFTER ERECTION AND PERMANENT FASTENING OF JOISTS. INSTANT BRIDGING SHALL BE INSTALLED BEFORE PERMANENT JOISTS. PERMANENTLY ATTACH LINES OF BRIDGING TO WALLS OR BEAMS WHERE BRIDGING TERMINATES. WELD BRIDGING TO JOISTS.
5. UNO, JOIST BOTTOM CHORDS AT COLUMN LINES UNO, DO NOT WELD BOTTOM CHORD.
6. AT A MINIMUM K-SERIES STEEL JOISTS SHALL BE CONNECTED TO STEEL BY 18" CONNECTED TO STEEL BY 1/4" WELD, 8" LONG EACH SIDE OR (2) 3/4" DIAMETER BOLTS. JOIST SEAT CONNECTION DETAILS SHALL BE PROVIDED BY FABRICATOR (BOLTED OR WELDED CONNECTIONS) BASED ON SJL AND LOADING REQUIREMENTS.
7. ALL K-SERIES STEEL JOISTS SHALL BEAR 4" MINIMUM ON MASONRY AND 2 1/2" MINIMUM ON STRUCTURAL STEEL. ALL LH-SERIES STEEL JOISTS SHALL BEAR 6" MINIMUM ON MASONRY AND 2 1/2" MINIMUM ON STRUCTURAL STEEL.
8. CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF WALLS AND FRAMING WITH THE PITCH AND CAMBER OF STEEL JOISTS TO ENSURE THE COMPATIBILITY OF THE ROOF FRAMING AND NO VARIATIONS ARE ALLOWED.
9. DAMAGED MEMBERS WILL BE REJECTED. THE CONTRACTOR AND THE JOIST MANUFACTURER ARE RESPONSIBLE FOR REPAIRING AND/OR REPLACING DAMAGED MEMBERS. IF REPAIRS ARE MADE, A LETTER BEARING THE SEAL OF A REGISTERED ENGINEER IN THE STATE WHERE THE PROJECT WILL BE CONSTRUCTED MUST BE PROVIDED BY THE JOIST MANUFACTURER APPROVING SUCH REPAIRS.
10. HANGERS:
 - A. INSTALL HANGERS FROM THE BOTTOM CHORDS AT PANEL POINTS.
 - B. HUNG LOADS GREATER THAN 100 POUNDS REQUIRE APPROVAL BY THE ENGINEER OF RECORD.
 - C. HANG NO LOADS FROM BOTTOM CHORD EXTENSIONS.
11. STEEL JOISTS SHALL RECEIVE A COAT OF RUST-INHIBITIVE PRIMER, EXCEPT THOSE TO RECEIVE SPRAYED FIRE-RESISTIVE MATERIALS (MAY VARY PROJECT TO PROJECT).

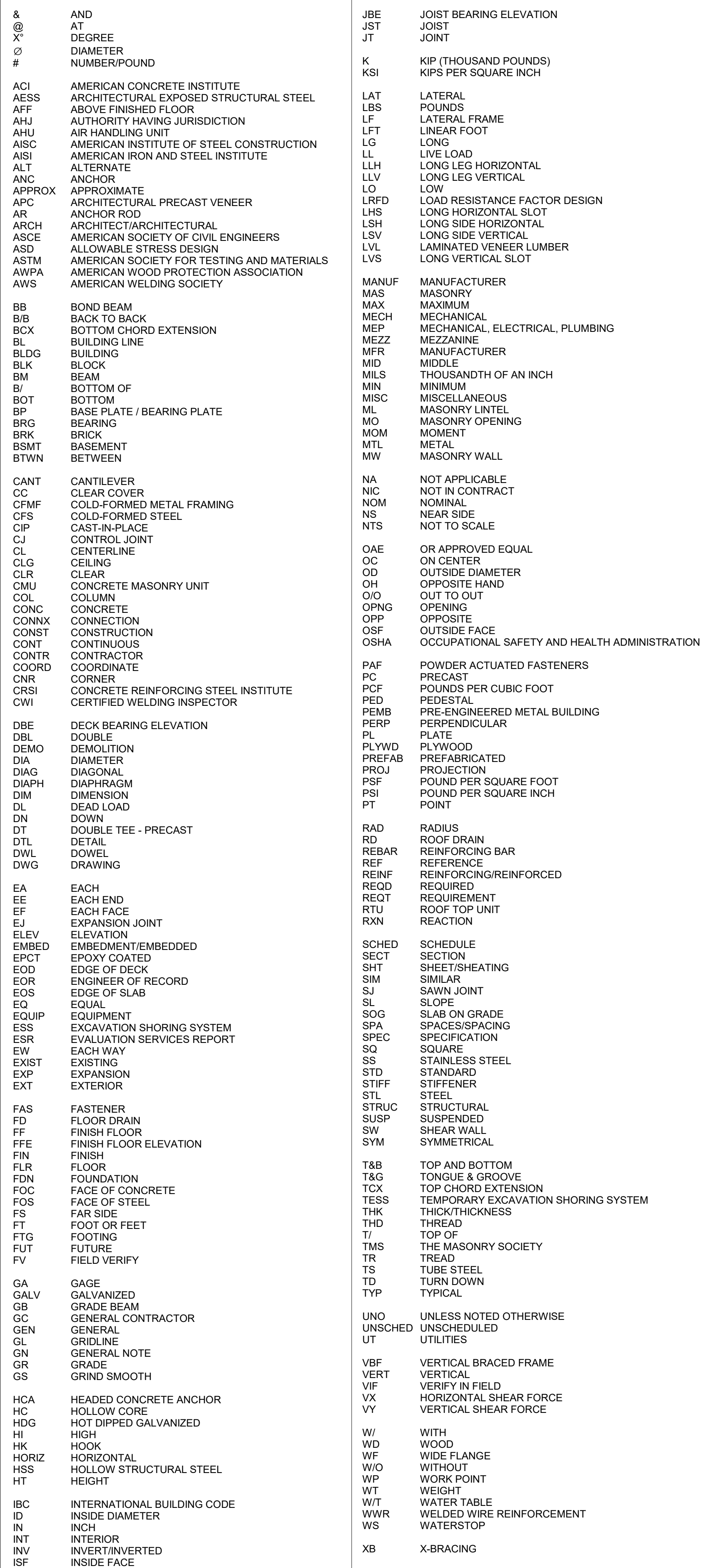
STEEL ROOF DECK:

1. ROOF DECK SHALL BE DESIGNED, FABRICATED AND INSTALLED IN ACCORDANCE WITH "SDI CODE OF STANDARD PRACTICE AND COMMENTARY," SDI COSP-2012.
2. ROOF DECK SHALL BE GALVANIZED.
 - a. 1/2" WIDE RIB ROOF DECK WITH DESIGN THICKNESS 0.0358" (20 GA) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
 - i. L = 0.217 IN/4FT
 - ii. E = 0.024 IN/3FT
 - iii. Sn = 0.229 IN/3FT
 - iv. Fy = 50 KSI
4. DO NOT SUPPORT DUCTS, CEILINGS, LIGHTS, PLUMBING, SPRINKLERS, ETC FROM THE ROOF DECK.
5. METAL DECK ACCESSORIES, INCLUDING BUT NOT LIMITED TO: GIRDER FILLERS, Z-CLOSURES, AND COVER PLATES, THAT ARE INTEGRAL WITH THE FLOOR DIAPHRAGM OR ROOF DIAPHRAGM SHALL BE OF THE SAME MATERIAL, FINISH AND MINIMUM THICKNESS AS THE METAL DECK. ACCESSORIES SHALL BE ANCHORED TO SUPPORTING MEMBERS BY ARC SPOT WELDS OR SELF DRILLING SCREWS AT 12" MAXIMUM SPACING.

SUSPENSION FROM ROOF STRUCTURE:

1. SUBCONTRACTORS INSTALLING CONDUIT, PIPING OR EQUIPMENT SUSPENDED FROM THE STRUCTURE SHALL ATTEND A PRE-CONSTRUCTION MEETING.
2. ATTACHMENT TO METAL DECK, BRIDGING OR JOIST STRUTS IS PROHIBITED.
3. HANGER ATTACHMENT TO STEEL BAR JOISTS:
 - A. PIPE HANGERS SHALL BE ATTACHED TO BOTTOM CHORDS OF JOISTS AT PANEL POINTS NOTED ON DRAWINGS.
 - B. PIPE HANGERS SHALL BE ATTACHED TO TOP CHORDS OF BAR JOISTS AT STRUCTURAL STEEL PANEL POINTS. BRIDGING OR JOIST STRUTS SHALL NOT BE USED.
 - C. IF HANGERS CANNOT BE INSTALLED WITHIN 3" OF PANEL POINTS, THE JOIST SHALL BE REINFORCED AS SHOWN ON THE STRUCTURAL DRAWINGS.
4. PIPE HANGERS SHALL BE ATTACHED TO METAL DECK AT PANEL POINTS AT BEAM FLANGE BEAMS, I-BEAMS AND CHANNELS WITH APPROVED "BEAM CLAMPS" AND "CHANNEL CLAMPS".
5. ALL TIE RODS AND MULTIPLE TIE ROD CABLE TRAYS, PIPE RACKS OR GROUPS OF DUCTS PERPENDICULAR TO JOISTS SHALL BE SUPPORTED FROM EACH JOIST AND BEAM. SUCH A SYSTEM PARALLEL TO JOISTS SHALL BE ATTACHED TO TWO ADJACENT JOISTS.
6. INDIVIDUAL PIPES TO 6" IN DIAMETER SHALL BE SUPPORTED FROM ALTERNATE JOISTS WHEN PIPES ARE PERPENDICULAR TO JOISTS AND AT 10'-0" OC MAXIMUM WHEN PIPES ARE PARALLEL TO JOISTS.
7. ALL JOISTS AND BEAMS SHALL BE SUPPORTED AT EACH JOIST WHEN PIPES ARE PERPENDICULAR TO JOISTS AND 10'-0" OC MAXIMUM WHEN PIPES ARE PARALLEL TO JOISTS.
8. ROUTING OF PIPING AND CONDUIT SHALL BE COORDINATED BY THE CONTRACTOR.

STRUCTURAL ABBREVIATIONS



Ultimate Wind Pressures

Roof	Area	GCP +/- Gcpi				Surface Pressure (psf)			
		10 sf	50 sf	100 sf	500 sf	10 sf	50 sf	100 sf	500 sf
Negative Zone 1		-1.18	-1.11	-1.08	-1.08	-32.2	-30.3	-29.5	-29.5
Negative Zone 2		-1.98	-1.49	-1.28	-1.28	-54.1	-40.7	-35.0	-35.0
Negative Zone 3		-2.98	-1.79	-1.28	-1.28	-81.4	-48.9	-35.0	-35.0
Positive All Zones		0.48	0.41	0.38	0.38	16.0	16.0	16.0	16.0
Overhang Zone 1&2		-1.70	-1.63	-1.60	-1.10	-46.4	-44.5	-43.7	-30.0
Overhang Zone 3		-2.80	-1.40	-0.80	-0.80	-76.5	-38.2	-21.9	-21.9

Walls	Area	GCp +/- GCpi				Surface Pressure (psf)			
		10 sf	100 sf	200 sf	500 sf	10 sf	100 sf	200 sf	500 sf
Negative Zone 4		-1.17	-1.01	-0.96	-0.90	-32.0	-27.6	-26.3	-24.6
Negative Zone 5		-1.44	-1.12	-1.03	-0.90	-39.3	-30.7	-28.0	-24.6
Positive Zone 4 & 5		1.08	0.92	0.87	0.81	29.5	25.2	23.9	22.1



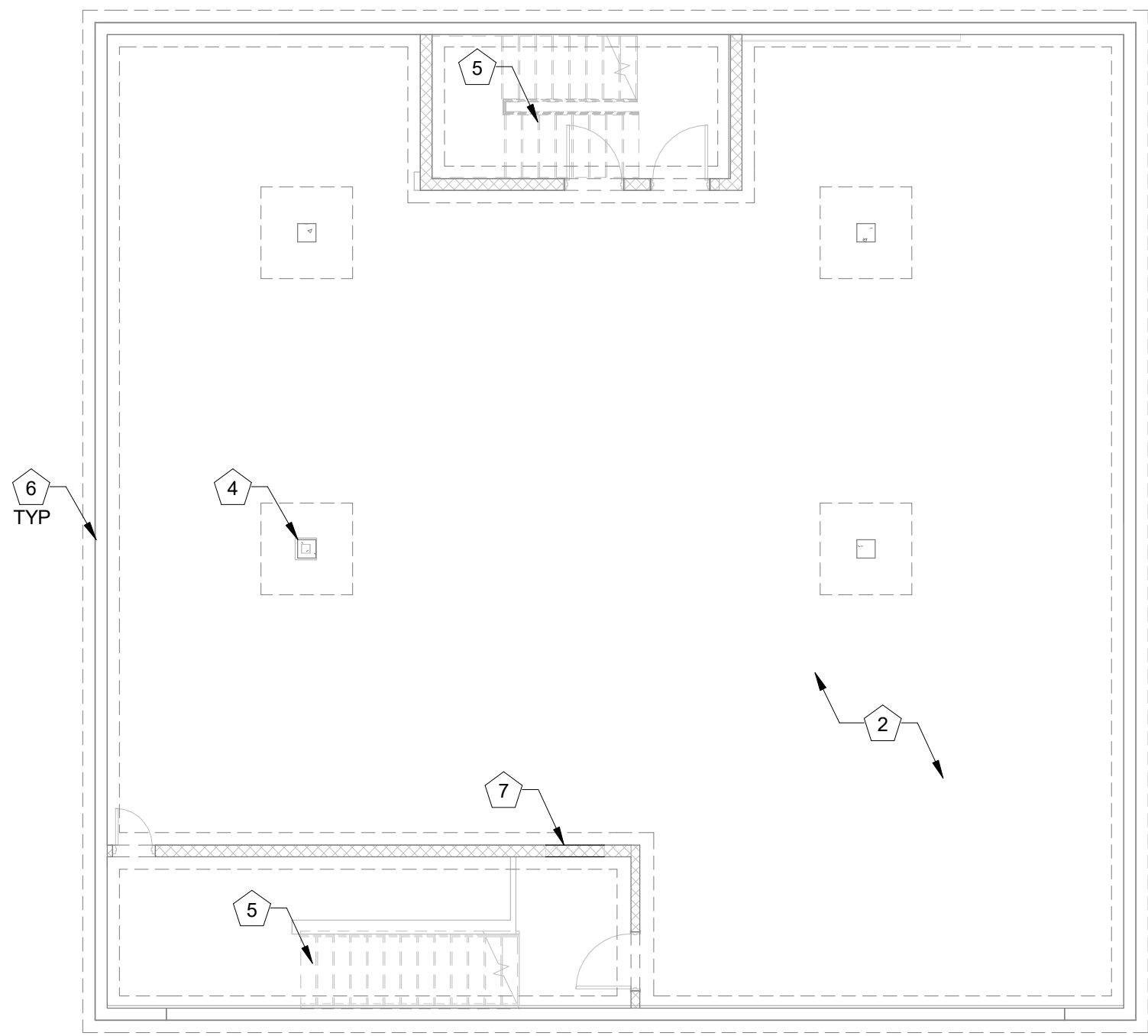
Roofs w/ $\theta \leq 10^\circ$
and all walls
 $h > 60'$

D

C

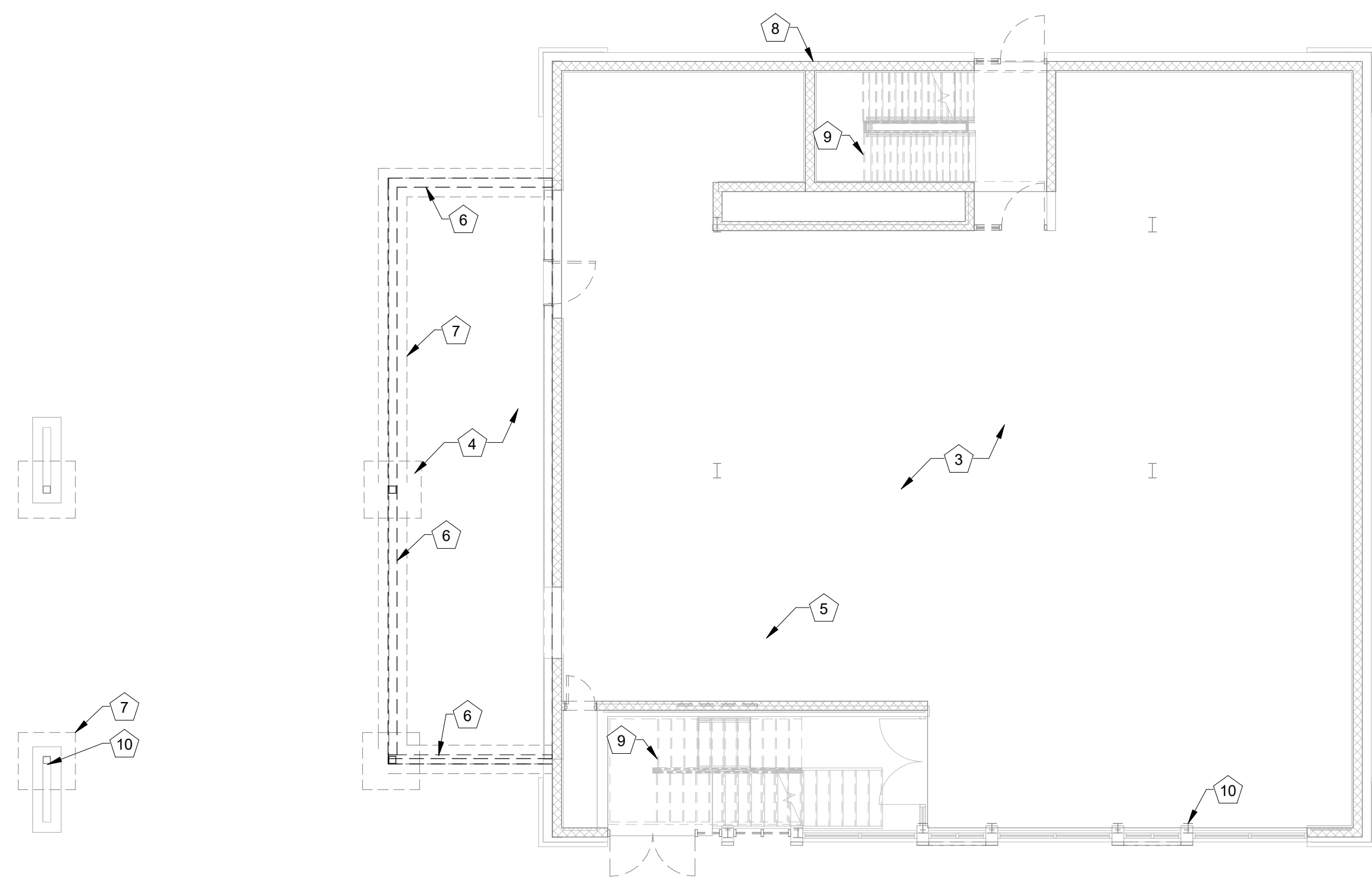
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A



3
S-101
BASEMENT PLAN
SCALE: 1/8" = 1'-0"

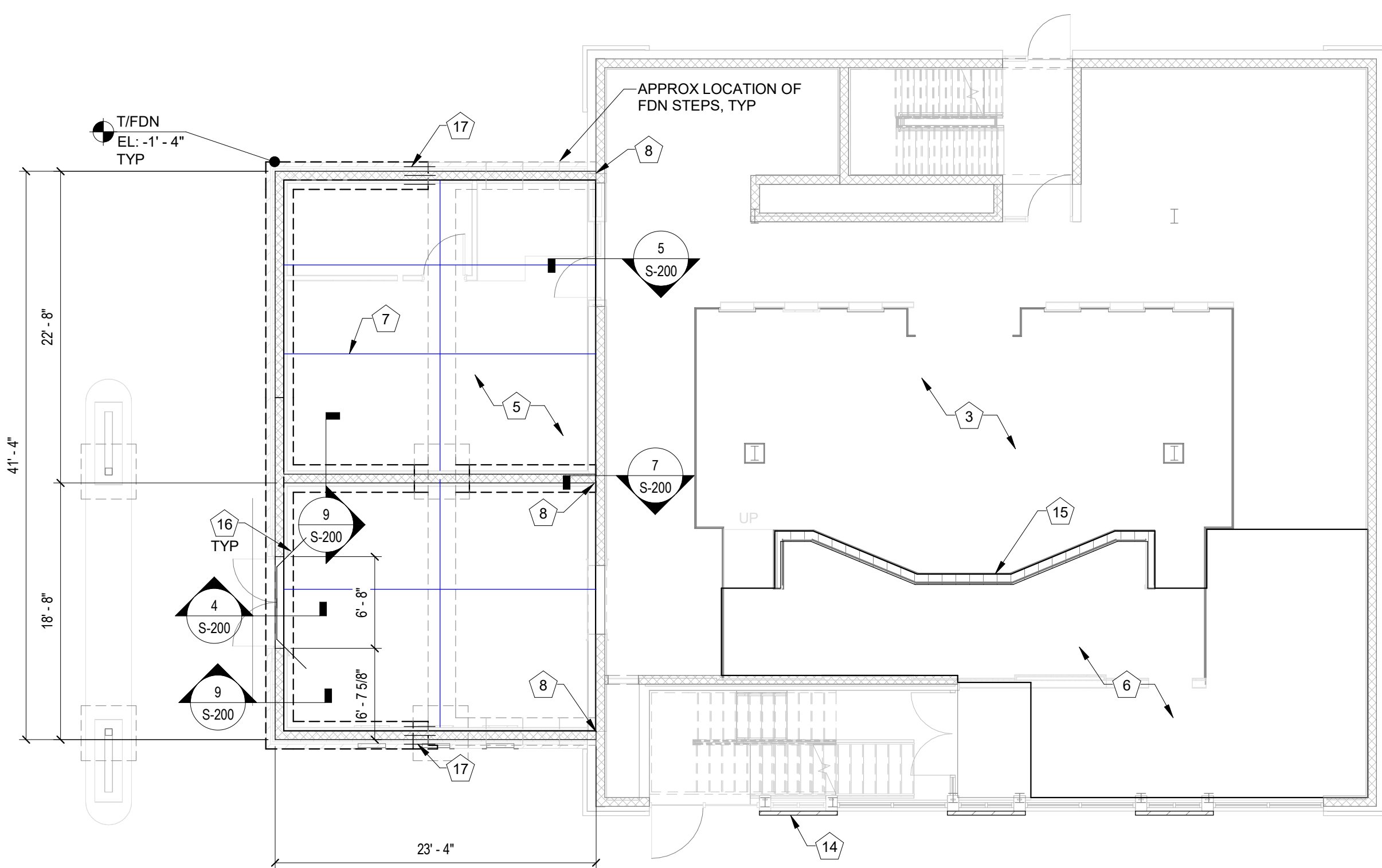
- BASEMENT PLAN NOTES:**
1. FOR GENERAL NOTES, ABBREVIATIONS, AND STRUCTURAL LEGEND, SEE S-003.
 2. EXISTING SLAB-ON-GRADE.
 3. EXISTING FOUNDATION.
 4. EXISTING CONCRETE COLUMNS, TYP.
 5. EXISTING STAIR.
 6. EXISTING CONCRETE BASEMENT WALLS.
 7. OPENING TO BE INFILL PER 6/S-300.
 8. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 9. CMU PARTITION WALLS ARE SHOWN FOR COORDINATION ONLY. SEE ARCHITECTURAL DRAWINGS FOR WALL TYPE, THICKNESS, AND DIMENSIONS.



1
S-101
FIRST FLOOR DEMO PLAN
SCALE: 1/8" = 1'-0"

- FIRST FLOOR DEMO PLAN NOTES:**
1. FOR GENERAL NOTES, ABBREVIATIONS, AND STRUCTURAL LEGEND, SEE S-003.
 2. REFERENCE FINISH FLOOR ELEVATION = 0'-0". SEE CIVIL DRAWINGS FOR TRUE ELEVATION.
 3. EXISTING CONCRETE PAN JOIST FLOOR SYSTEM, F.V.
 4. EXIST SLAB ON GRADE TO BE REMOVED.
 5. CMU PARTITION WALLS ARE SHOWN FOR COORDINATION ONLY. SEE ARCHITECTURAL DRAWINGS FOR WALL TYPE, THICKNESS, AND DIMENSIONS.
 6. DEMO EXISTING CMU WALL DOWN TO ONE COURSE BELOW TISLAB.
 7. EXISTING FOUNDATION.
 8. EXISTING LOAD BEARING MASONRY WALL.
 9. EXISTING STAIR.
 10. EXISTING STEEL COLUMN, TYP.
 11. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

- DEMOLITION NOTES:**
1. CONTRACTOR TO AVOID DAMAGING EXISTING FRAMING. IF DAMAGED, CONTRACTOR IS TO NOTIFY EOR IMMEDIATELY.
 2. FIELD VERIFY ALL EXISTING FRAMING AND DIMENSIONS PRIOR TO DEMOLITION OR RENOVATION. CONTACT EOR IF ANY DISCREPANCIES ARE ENCOUNTERED.



2
S-101
FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

- FIRST FLOOR PLAN NOTES:**
1. FOR GENERAL NOTES, ABBREVIATIONS, AND STRUCTURAL LEGEND, SEE S-003.
 2. REFERENCE FINISH FLOOR ELEVATION = 0'-0". NEW FLOOR SLAB TO MATCH ELEVATION OF EXISTING. SEE CIVIL DRAWINGS FOR TRUE ELEVATION.
 3. EXISTING CONCRETE PAN JOIST FLOOR SYSTEM, F.V.
 4. CMU PARTITION WALLS ARE SHOWN FOR COORDINATION ONLY. SEE ARCHITECTURAL DRAWINGS FOR WALL TYPE, THICKNESS, AND DIMENSIONS.
 5. NEW 4" SLAB-ON-GRADE WITH 6x6 W2.9W/2.9 WWR ON VAPOR RETARDER OVER PREPARED SUBGRADE PER GEOTECH REPORT.
 6. NEW WOOD PLATH, COORDINATE WITH ARCHITECTURAL DRAWINGS.
 7. PROVIDE CONTROL JOINTS IN SLAB-ON-GRADE AT 12'-0" OC MAX. SEE GENERAL NOTES AND TYPICAL SLAB-ON-GRADE DETAILS FOR ADDITIONAL REQUIREMENTS.
 8. EXTEND CMU WALL PERPENDICULAR TO EXIST CMU WALL PER 6/S-300.
 9. ("X-X") INDICATES TOP OF FOUNDATION ELEVATION RELATIVE TO FINISH FLOOR. UNLESS NOTED OTHERWISE, ALL FOUNDATION ELEMENTS SHALL HAVE TOP OF CONCRETE = (-1'-4").
 10. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 11. SEE S-200 FOR TYPICAL FOUNDATION DETAILS.
 12. "WF#/" INDICATES WALL FOOTING MARK. SEE WALL FOOTING SCHEDULE. UNLESS NOTED OTHERWISE, ALL WALL FOUNDATIONS SHALL BE WF2.
 13. "TERMINATIONS AND JUMBS" INDICATES LOAD BEARING CMU WALL. UNLESS NOTED OTHERWISE, ALL EXTERIOR WALLS SHALL BE REINFORCED WITH #5@32" OC AND AT ALL INTERSECTIONS, CORNERS.
 14. "INDICATES NEW BRICK FACADE. SEE 6/S-200 FOR BRICK LEDGE SUPPORT. BRICK NOT TO EXCEED 30'-0" IN HEIGHT. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
 15. "INDICATES CFS DIAS WALL WITH WT FRAMES PER DETAIL 8/S-200 SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND ADDITIONAL INFORMATION.
 16. RE-ENTRANT BARS PER DETAIL 2/S-200.
 17. DRILL & EPOXY NEW WALL FOUNDATION CONTINUOUS BARS 12" EMBED INTO EXISTING WALL FOUNDATION WITH HILTI HIT-HY 200, OR APPROVED EQUAL.

WALL FOUNDATION SCHEDULE		
MARK	FOUNDATION SIZE (WIDTH x THICKNESS)	REINFORCEMENT
WF2	2' - 0" x 1' - 2"	(4)#5 CONT W/ #5 AT 12" OC

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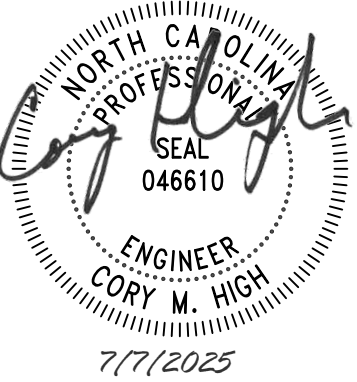
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North Carolina Corporate
Engineering Certification No. F-1105



CANTON TOWN HALL

No.	Description	Date

Package: CONSTRUCTION DOCUMENTS

Project Number: 2023-001-02

Date: JULY 7, 2025

BASEMENT & FIRST
FLOOR PLANS

S-101

bennett&pless 

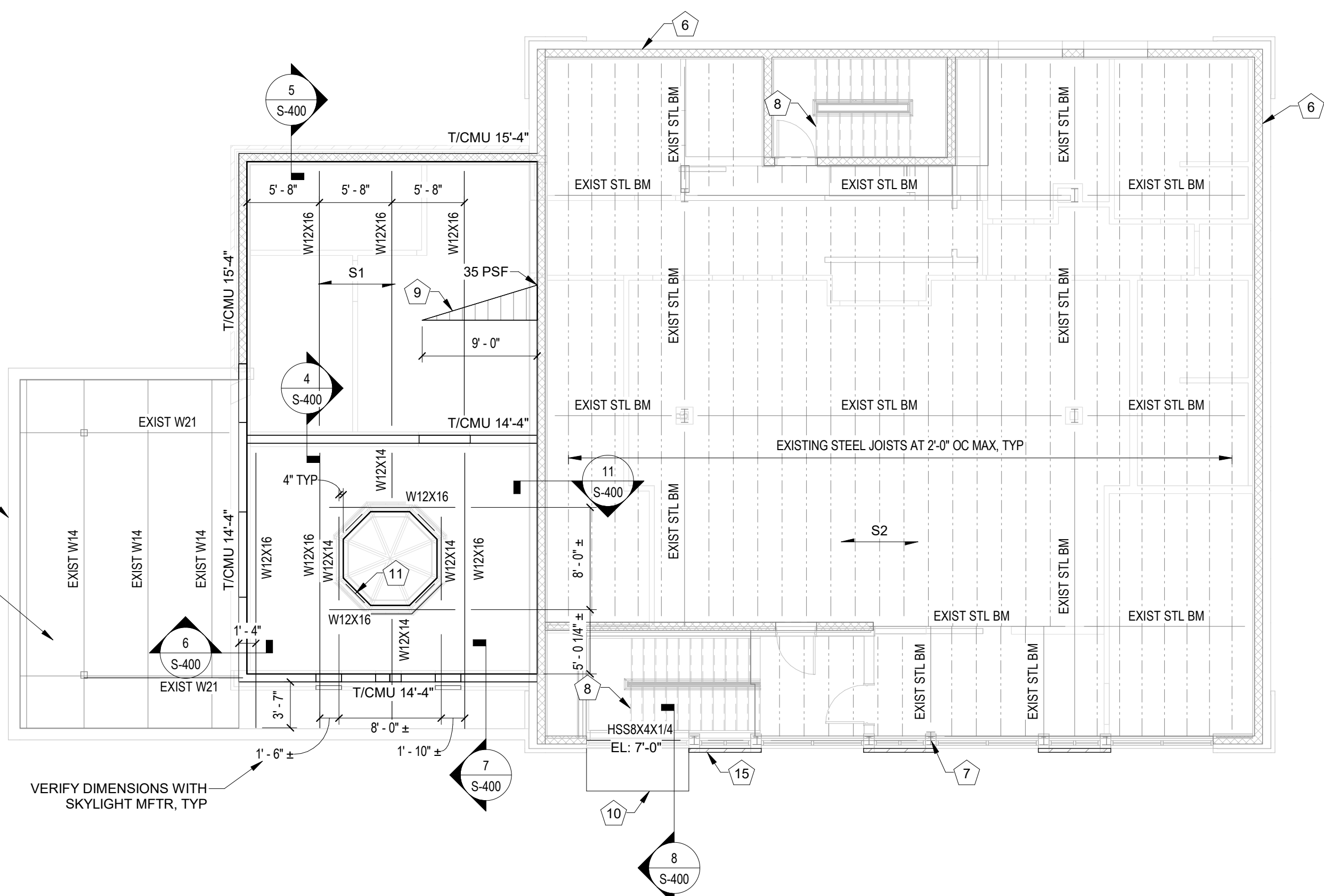
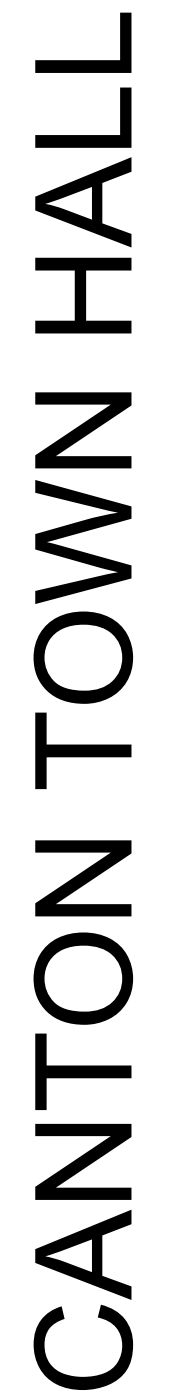
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Engineering Certification No. F-1105



2 **SECOND FLOOR PLAN**
S-102 SCALE: 1/8" = 1'-0"

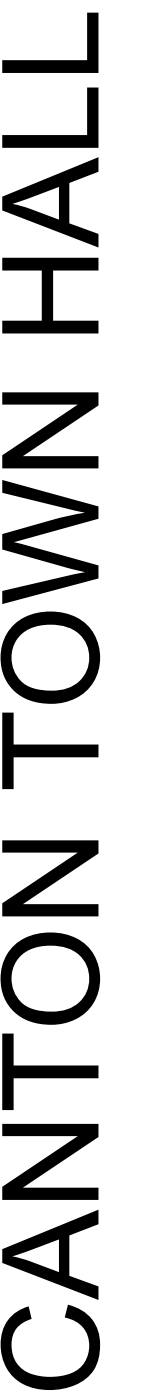
- SECOND FLOOR PLAN NOTES:**
- 1. FOR GENERAL NOTES, ABBREVIATIONS, AND STRUCTURAL LEGEND, SEE S-003.
 - 2. DECK BEARING ELEVATION OF NEW AREA = $14'-0"$ RELATIVE TO REFERENCE ELEVATION, UNO
 - 3. "S1" INDICATES 1 1/2" ROOF DECK, 20 GAUGE TYPE B, ATTACH WITH #12 TEK SCREWS IN 364 PATTERN AND #12 TEK SCREWS AT 36" OC PER SDE LAP. WELD AROUND PERIMETER AT 12" OC WITH #8 PUDDLE WELD.
 - 4. #12 INDICATES EXISTING CONCRETE ON METAL DECK.
 - 5. EXISTING WOOD FRAMED CANOPY. SEE ARCHITECTURAL DRAWINGS FOR REVISED SOFFIT FRAMING PER DELEGATED SPECIALTY ENGINEER.
 - 6. EXISTING LOAD BEARING MASONRY WALL.
 - 7. EXISTING SITEL COLUMN, TYP.
 - 8. EXISTING STAIRS.
 - 9. SNOW DRIFT LOADING.
 - 10. PRE-ENGINEERED ALUMINUM CANOPY AND CONNECTION PER DELEGATED SPECIALTY ENGINEER. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - 11. U8x4x7/16 UNF AROUND SKYLIGHT PERIMETER.
 - 12. UNLESS NOTED OTHERWISE, SPACE BEAMS EQUALY BETWEEN GRIDS.
 - 13. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - 14. CONTRACTOR COORDINATE AND CONFIRM MECHANICAL OPENINGS WITH MEP DRAWINGS AND PURCHASED EQUIPMENT.
 - 15. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - 16. CMU WALL OPENING DIMENSIONS TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS. SEE CMU AND BRICK LINTEL DETAILS 7/5-30, 8/5-30 AND 9/5-30 .

[illegible]

Package:	CONSTRUCTION DOCUMENTS
Project Number:	2023-001-02
Date:	JULY 7, 2025

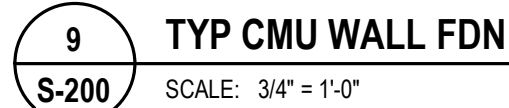
SECOND FLOOR PLANS

S-102

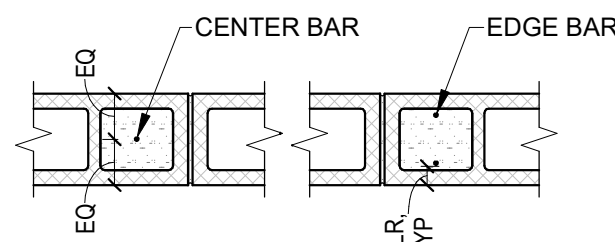


Package:	CONSTRUCTION DOCUMENTS
Project Number:	2023-001-02
Date:	JULY 7, 2025

S-200



D



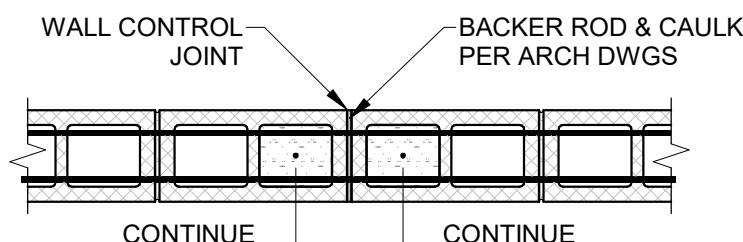
MINIMUM LAP SPLICE FOR DEFORMED BARS IN MASONRY - Fm = 2000 PSI			
BAR SIZE	8" OR 12" CMU EDGE BAR	8" CMU CENTER BAR	12" CMU CENTER BAR
#3	17"	15"	15"
#4	30"	15"	15"
#5	46"	20"	15"
#6	54"	37"	24"
#7	63"	52"	33"
#8	72"	72"	49"
#9	81"	81"	64"

- NOTES:
- UNLESS NOTED OTHERWISE, ALL LAP SPLICES AND BAR EMBEDMENTS SHALL BE AS SCHEDULED.
 - FOR EPOXY-COATED BARS, MULTIPLY SCHEDULED VALUES BY 1.5.
 - CLEAR COVER FOR EDGE BARS SHALL BE AS FOLLOWS:
 - 2" FOR #6 OR LARGER BARS EXPOSED TO EARTH OR WEATHER
 - 1 1/2" FOR ALL OTHER CONDITIONS

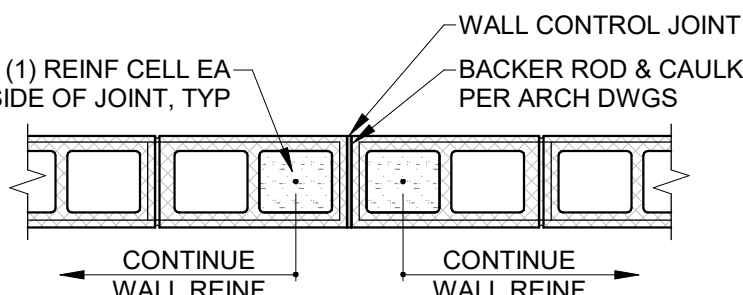
MINIMUM LAP SPLICE FOR DEFORMED BARS IN MASONRY - Fm = 2000 PSI

SCALE: 3/4" = 1'-0"
BP REF [CMU4101]

1
S-300



AT BOND BEAM REINF



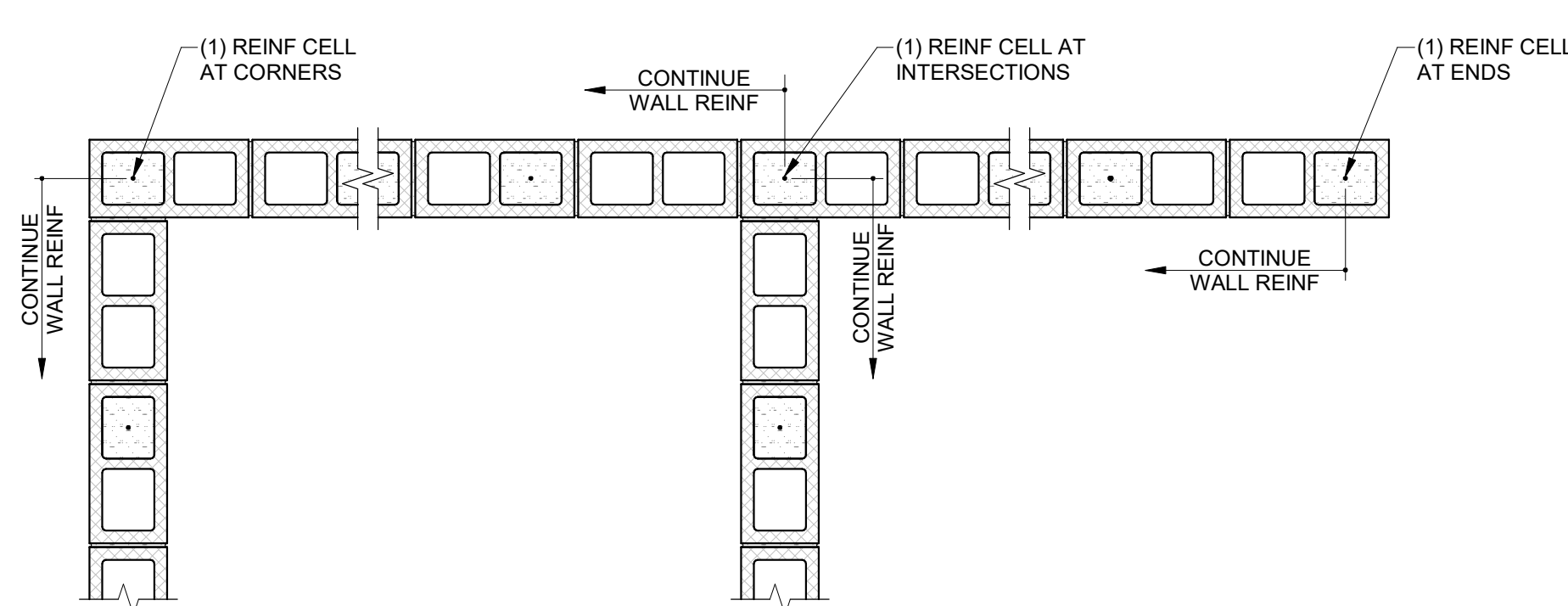
AT HORIZONTAL JOINT REINF

- NOTES:
- BOND BEAMS, THE BEAMS, LINTELS AND OTHER STRUCTURAL ELEMENTS SHALL EXTEND UNINTERRUPTED ACROSS CONTROL JOINTS. PROVIDE RAKED JOINTS IN THESE ELEMENTS TO MATCH CONTROL JOINT.
 - HORIZONTAL JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL JOINTS.

MINIMUM REINF ARRANGEMENT AT WALL CONTROL JOINTS

SCALE: 3/4" = 1'-0"
BP REF [CMU4111]

2
S-300

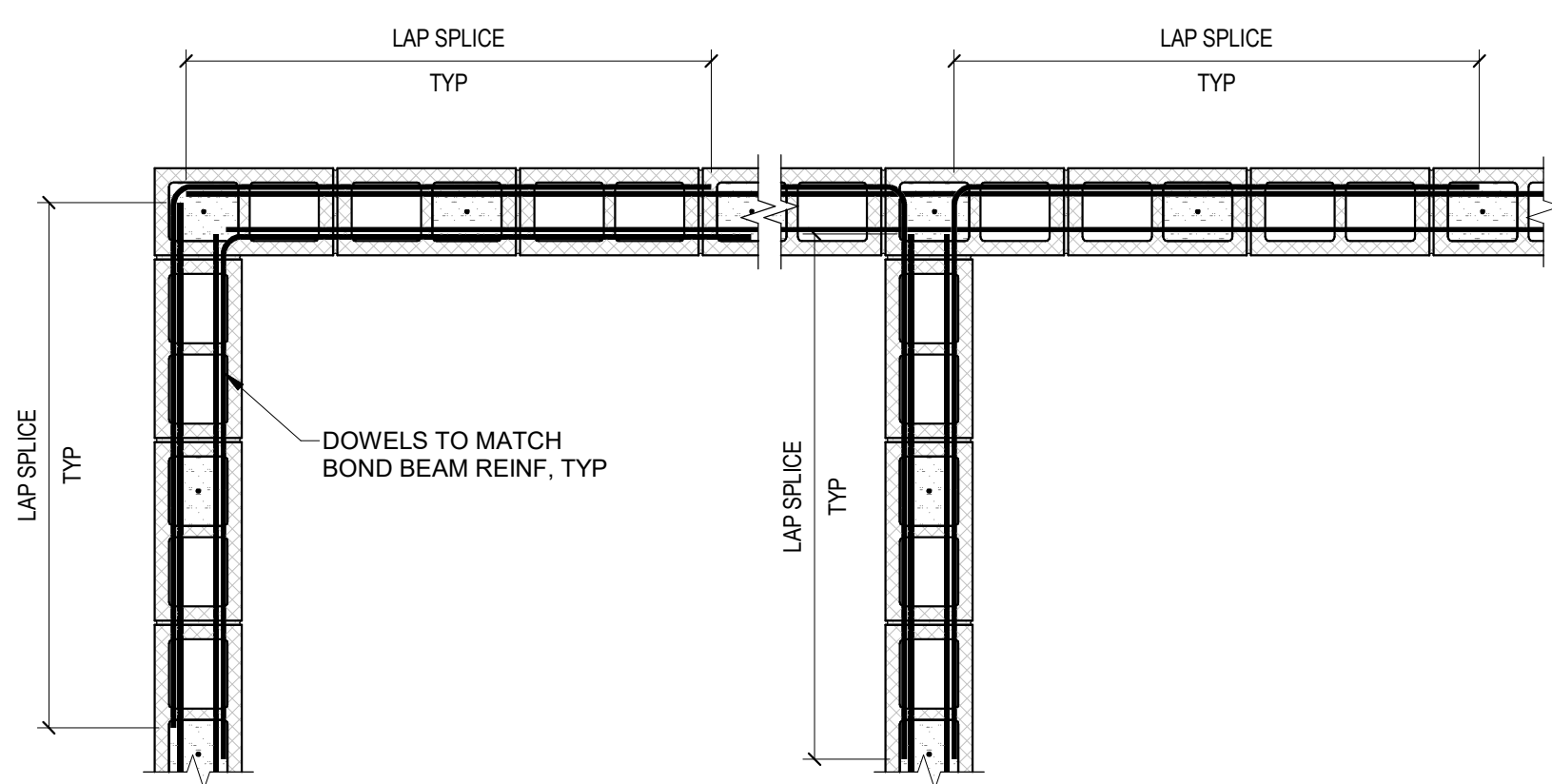


- NOTES:
- DETAIL SHOWS TYPICAL MINIMUM REINFORCING REQUIREMENTS FOR ALL LOAD BEARING WALLS, UNLESS NOTED OTHERWISE.
 - DETAIL SHOWS REINFORCING ARRANGEMENT FOR CORNERS AND INTERSECTIONS IN RUNNING BOND WITHOUT JOINTS. SEE OTHER DETAILS FOR ADDITIONAL REQUIREMENTS AT JOINTS.
 - REINFORCED CELLS AT CORNERS, INTERSECTIONS, AND ENDS SHALL MATCH BAR SIZE AND COUNT OF ADJACENT WALL REINFORCING.

MINIMUM REINF ARRANGEMENT AT WALL CORNERS, INTERSECTIONS AND ENDS

SCALE: 3/4" = 1'-0"
BP REF [CMU4110]

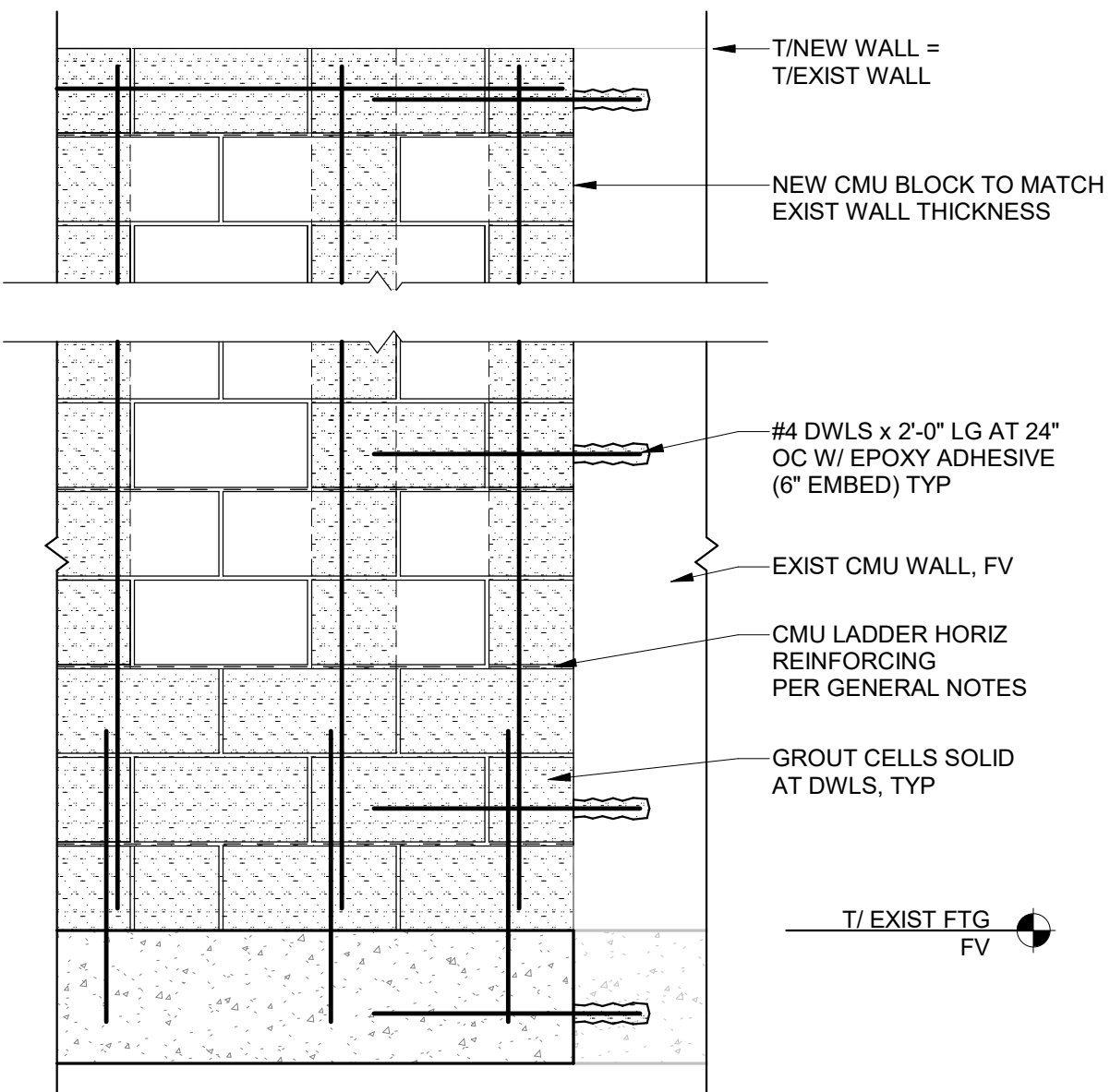
3
S-300



BOND BEAM REINF AT WALL CORNERS AND INTERSECTIONS

SCALE: 3/4" = 1'-0"
BP REF [CMU4112]

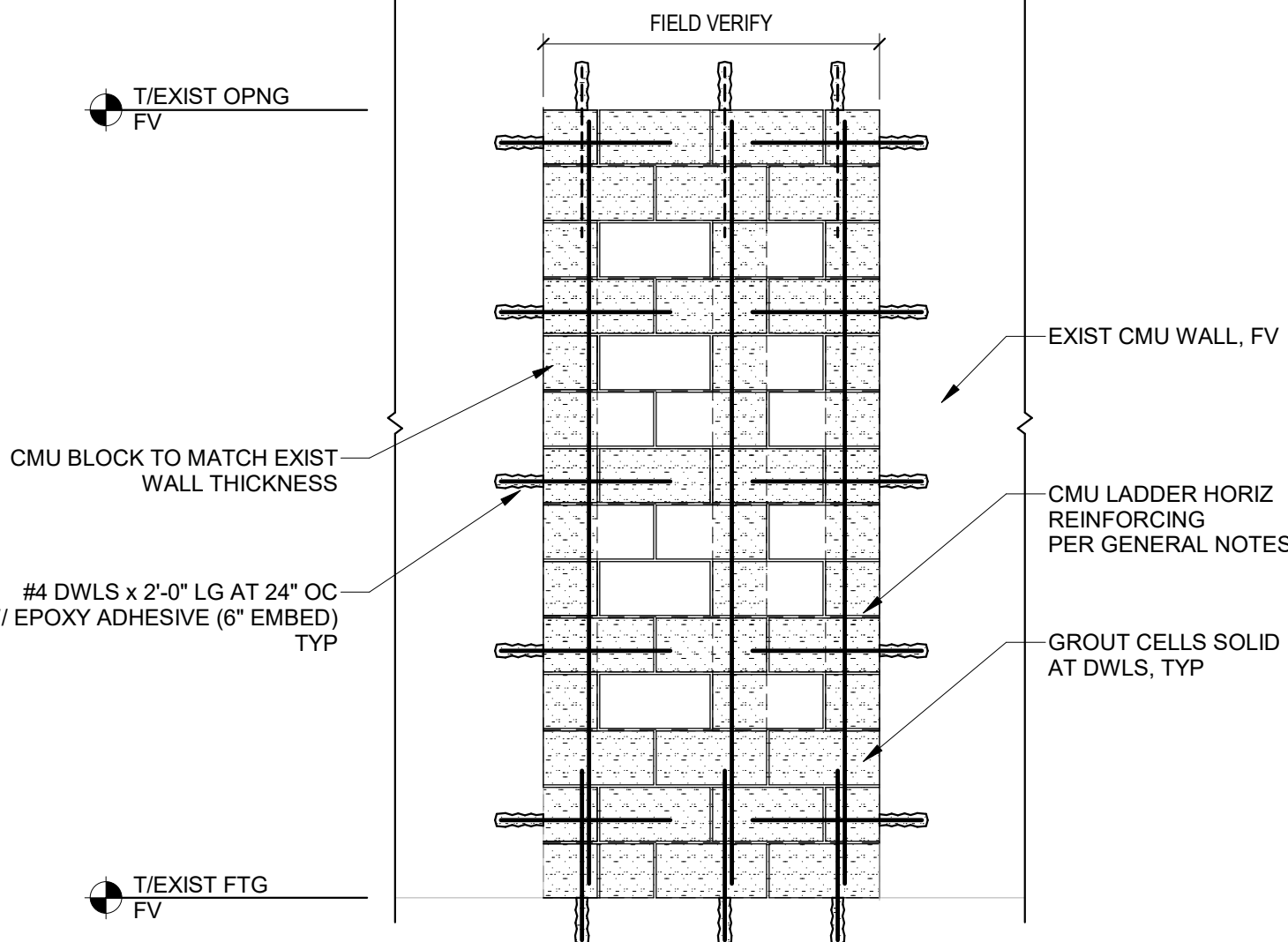
4
S-300



TYP CMU WALL EXTENSION OR INTERSECTIONS

SCALE: 3/4" = 1'-0"

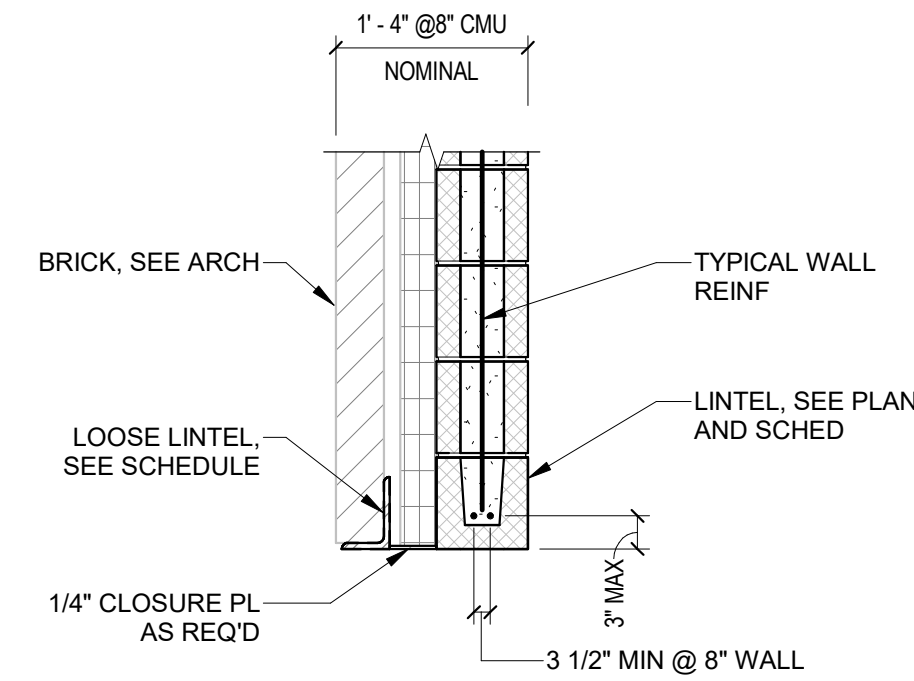
5
S-300



TYP WALL OPENING INFILL

SCALE: NTS

6
S-300



LOOSE LINTEL SCHEDULE	
CLEAR SPAN	LINTEL SIZE
≤ 4'-0"	L4X4X1/4
> 4'-0" - 6'-0"	L4X4X3/8
> 6'-0" - 8'-0"	L6X4X3/8 (LLV)

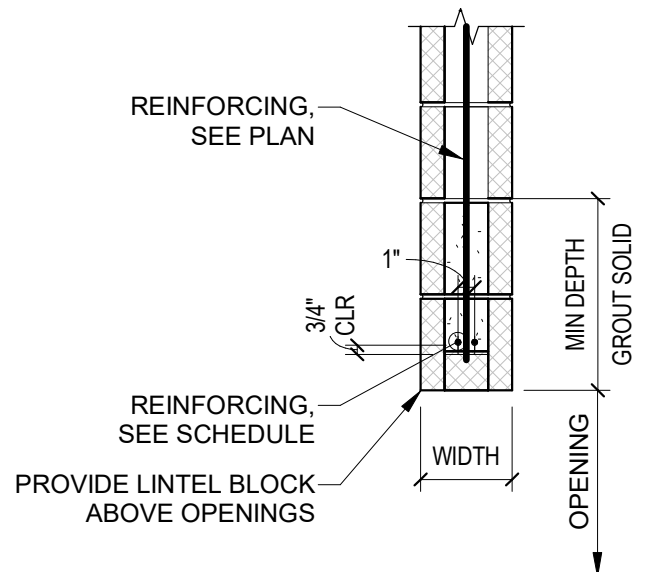
- NOTES:
- LOOSE LINTELS SHALL BE HOT DIP GALVANIZED.
 - PROVIDE MINIMUM 4" BEARING LENGTH EACH END.
 - COORDINATE LINTEL LENGTHS, LOCATIONS, AND FLASHING DETAILS WITH ARCHITECTURAL DRAWINGS.

TYPICAL MASONRY LINTEL IN STRUCTURAL WALL

SCALE: 3/4" = 1'-0"
BP REF [CMU4222]

7
S-300

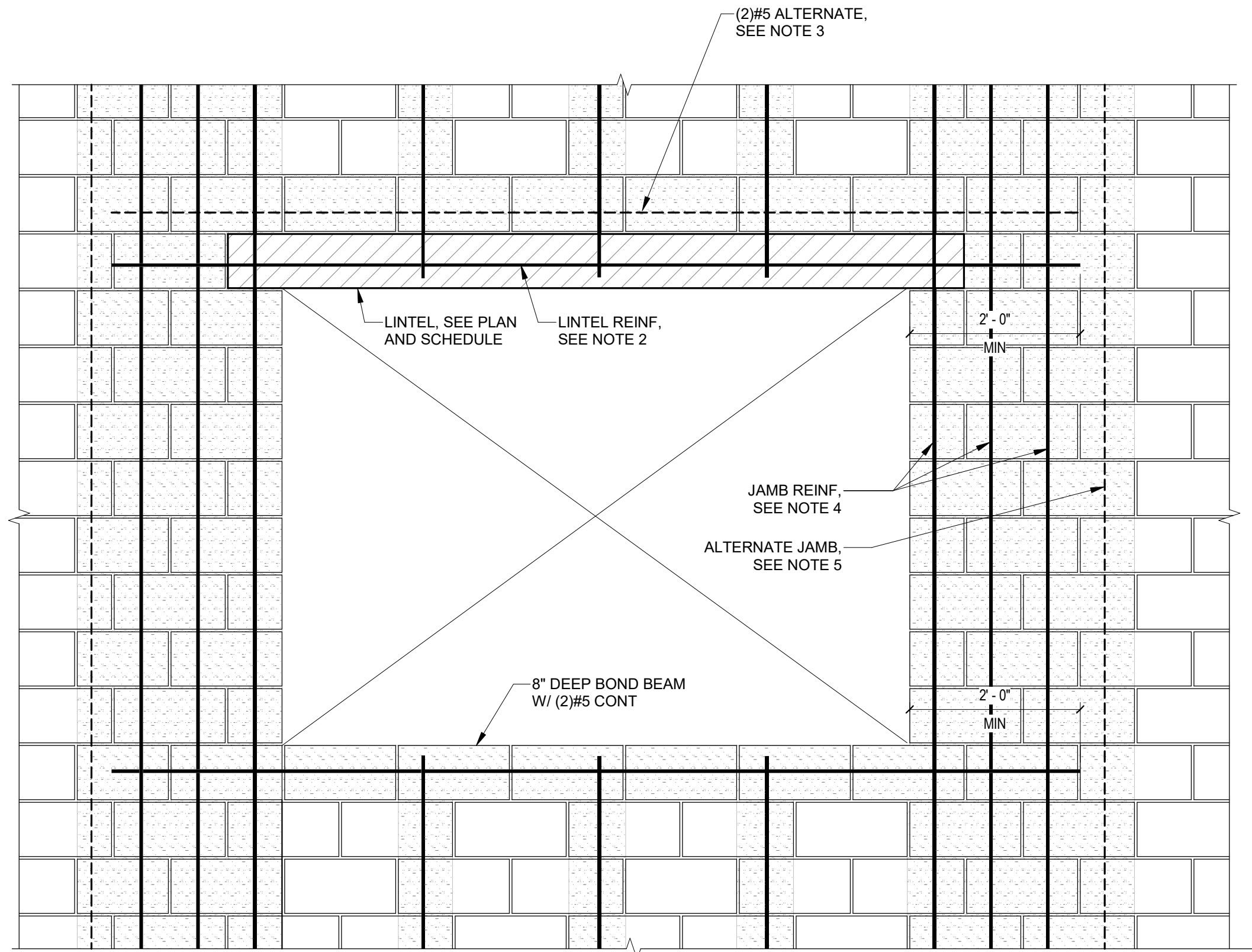
CONCRETE MASONRY LINTEL SCHEDULE				
NOMINAL WALL THICKNESS	CLEAR SPAN	NOMINAL LINTEL SECTION SIZE (WIDTH) x (DEPTH)	MINIMUM BEARING EACH END	STEEL REINFORCING (BOTTOM)
8"	2'-0" MAX	8" x 8"	24"	(2) #5
8"	4'-0" MAX	8" x 8"	24"	(2) #5
8"	6'-0" MAX	8" x 8"	24"	(2) #5
8"	8'-0" MAX	8" x 16"	24"	(2) #5



DETAIL AT TYPICAL MASONRY LINTEL SCHEDULE

SCALE: 3/4" = 1'-0"
BP REF [CMU-1.08]

8
S-300



- NOTES:
- DETAIL APPLIES AT ALL WALL OPENINGS IN STRUCTURAL CMU WALLS, REGARDLESS OF LINTEL TYPE (CMU, STEEL, PRECAST, CAST-IN-PLACE, ETC). SEE OTHER DETAILS FOR ADDITIONAL REQUIREMENTS AT LINTEL.
 - FOR CMU OR CAST-IN-PLACE LINTELS, REINFORCING SHALL BE AS NOTED IN LINTEL SCHEDULE AND SHALL EXTEND 2'-0" MINIMUM BEYOND THE OPENING.
 - FOR STEEL OR PRECAST LINTELS, PROVIDE (2)#5 CONTINUOUS IN THE FIRST COURSE ABOVE THE LINTEL AND EXTEND 2'-0" MINIMUM BEYOND THE OPENING.
 - JAMB REINF SHALL BE PLACED IN CELLS IMMEDIATELY ADJACENT TO OPENING. UNLESS NOTED OTHERWISE ON PLAN, JAMBS ON EACH SIDE SHALL CONSIST OF (1) REINFORCED CELL MINIMUM PLUS 1/2 OF TYPICAL WALL REINFORCING INTERRUPTED BY OPENING. MATCH BAR SIZE OF TYPICAL WALL REINFORCING.
 - FOR STEEL OR PRECAST LINTELS WHERE VERTICAL JAMB REINFORCING CANNOT BE CONTINUOUS THROUGH LINTEL BEARING, JAMB REINF SHALL BE SHIFTED TO THE NEXT CELL. GROUT SOLID AT ALL REINF CELLS AND ALL CELLS UNDER LINTEL BEARING.

TYPICAL REINF AT STRUCTURAL CMU WALL OPENING

SCALE: 3/4" = 1'-0"
BP REF [CMU4220]

9
S-300

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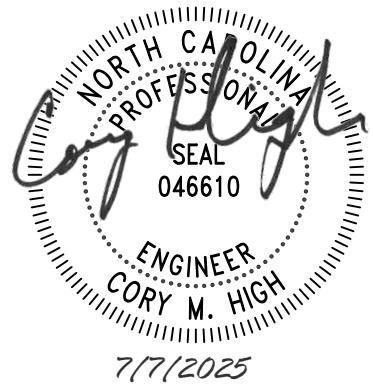
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Engineering Certification No. F-1105



CANTON TOWN HALL

No.	Description	Date

Package: CONSTRUCTION DOCUMENTS

Project Number: 2023-001-02

Date: JULY 7, 2025

MASONRY SECTIONS

S-300

A

B

C

[illegible]

S-400

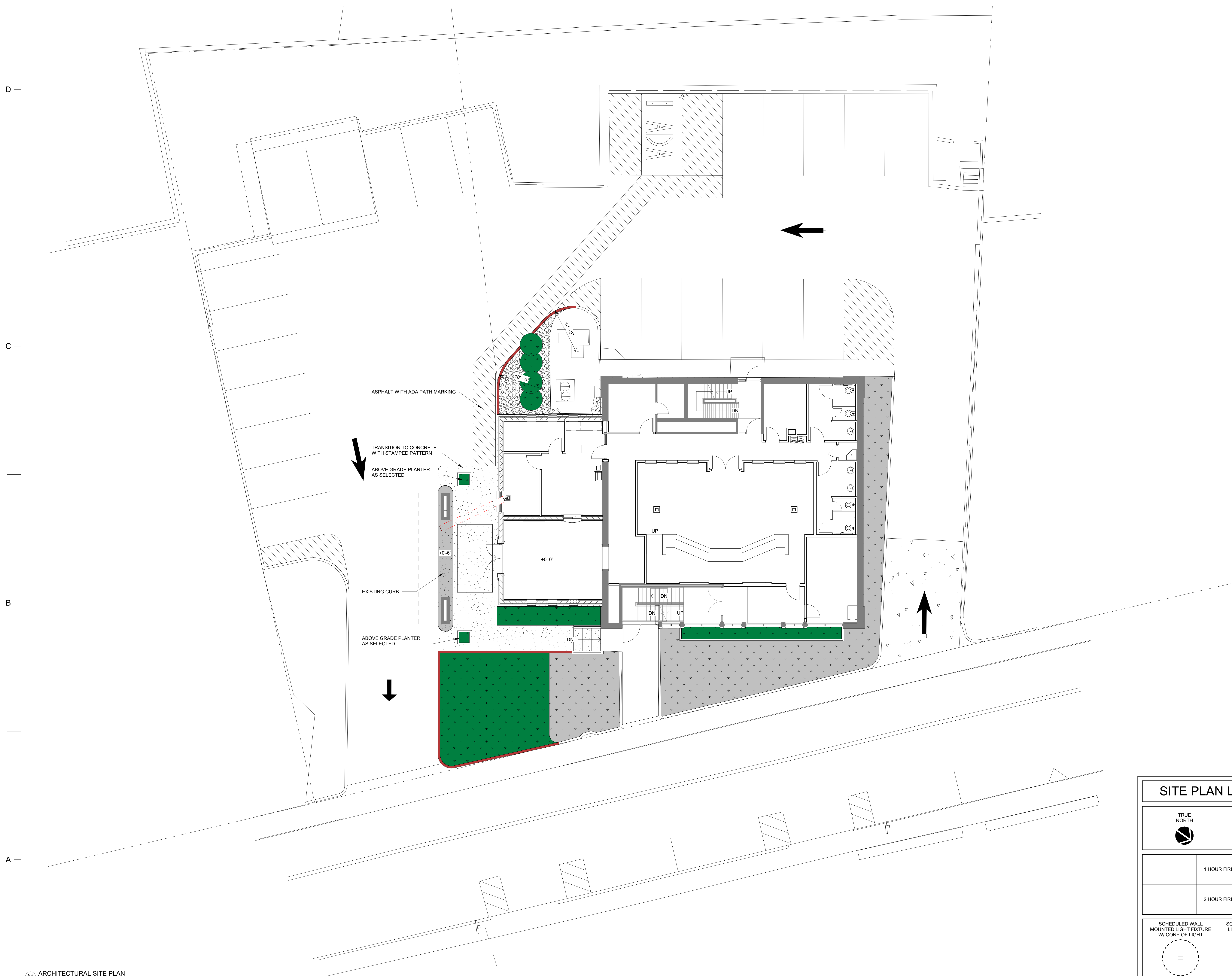
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[illegible]

Project Number:	2023-001-02
Date:	JUNE 23, 2025

AS1.01



(A1) ARCHITECTURAL SITE PLAN
1/8" = 1'-0"

PLAN
NORTH

2 HOUR FIRE RATED PARTITION

D

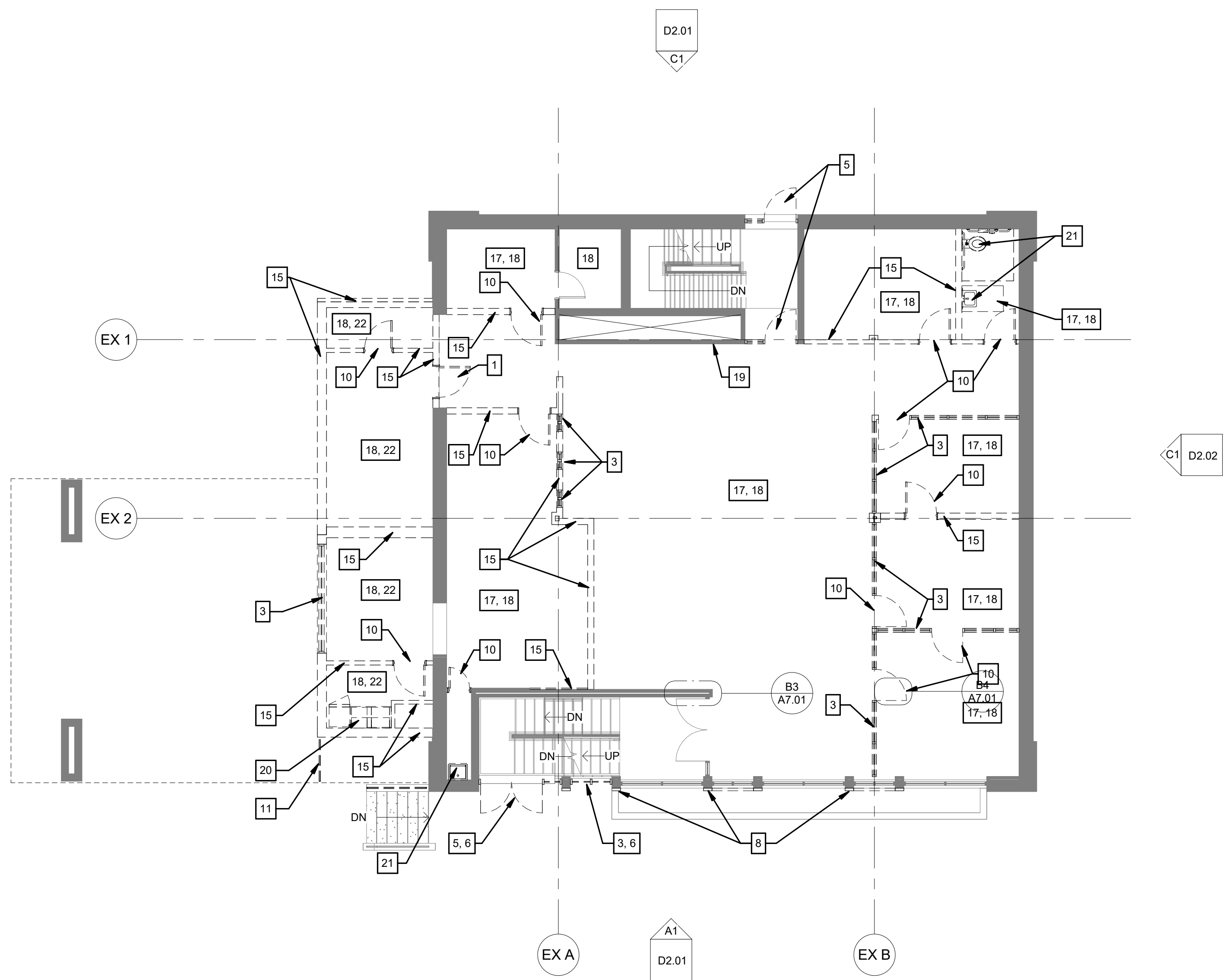
C

C1 DEMO FIRST FLOOR PLAN
1/8" = 1'-0"

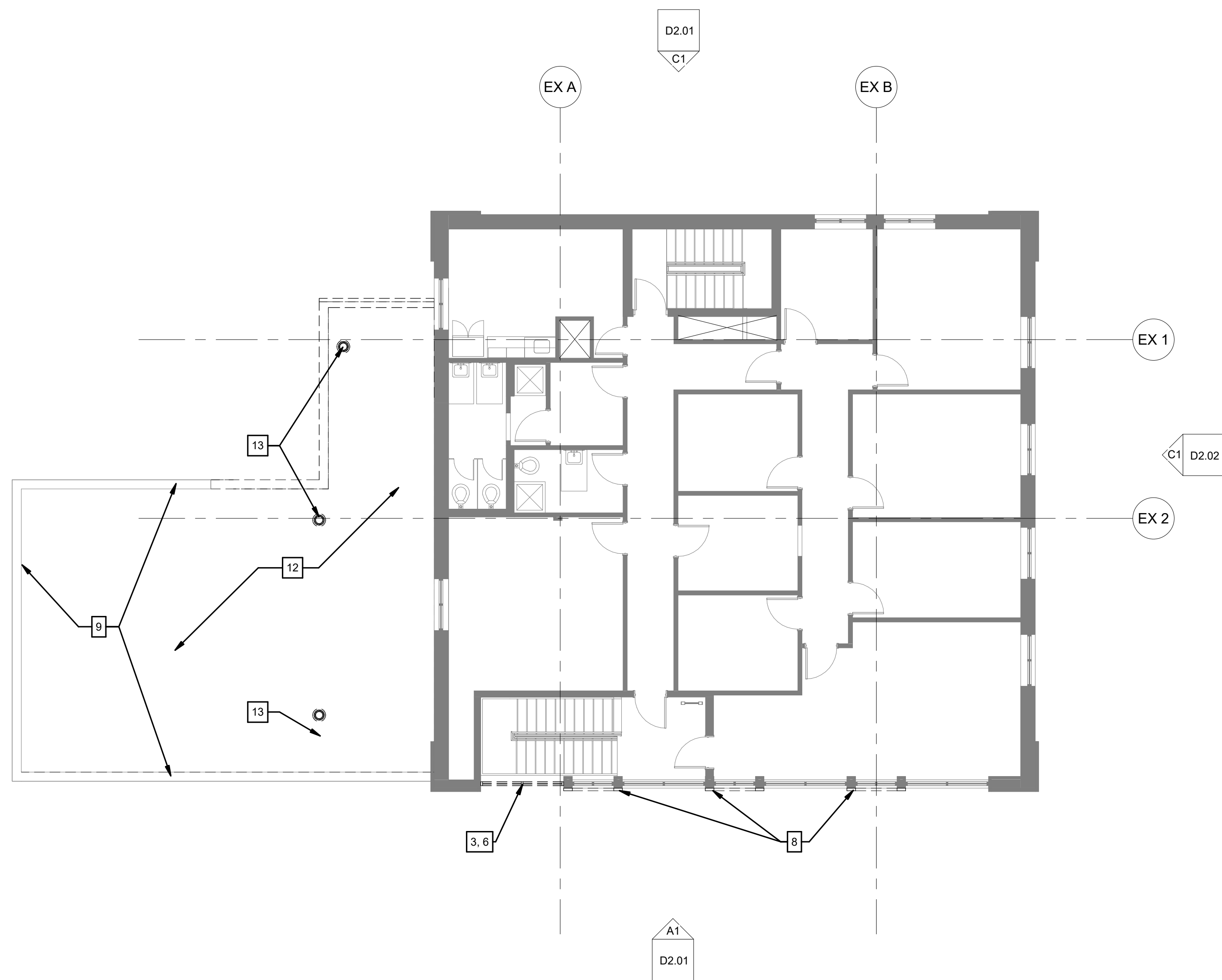
B

A

A1 DEMO BASEMENT PLAN
1/8" = 1'-0"



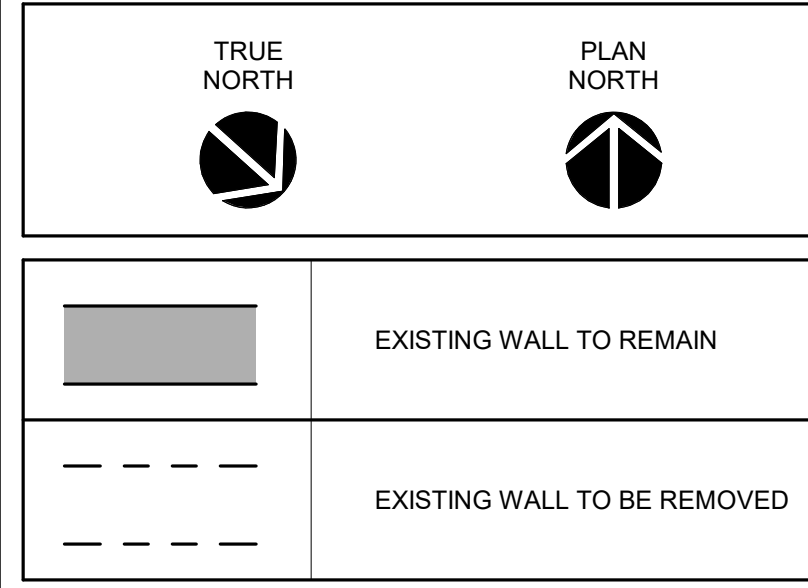
C3 DEMO SECOND FLOOR PLAN
1/8" = 1'-0"



GENERAL DEMOLITION NOTES

- WHERE PARTIAL WALLS ARE BEING DEMOLISHED LEAVE CLEAN EDGE REMAINING TO FACILITATE NEW ADJACENT WALL SURFACE.
- ALL NEW OPENINGS IN THE INTERIOR AND EXTERIOR TO BE PATCHED TO MATCH THE EXISTING ADJACENT SURFACE IN MATERIAL, DIMENSION, COLOR AND CONDITION.

LEGEND



DEMOLITION LEGEND

#	DESCRIPTION
1	REMOVE EXISTING VAULT DOOR AND GATE
2	CREATE OPENING FOR NEW DOOR
3	REMOVE GLAZING & FRAME
4	REMOVE SIGNAGE
5	REMOVE EXISTING DOOR, FRAME & GLAZING
6	CREATE OPENING FOR NEW WINDOW
7	REMOVE CANOPY & SUPPORTS OVER ENTRANCE
8	REMOVE EIFS; PREP TO RECEIVE NEW BRICK VENEER
9	CLEAN & PREP EXISTING EIFS TO RECEIVE NEW PAINT AT DRIVE-THRU CANOPY
10	REMOVE EXISTING DOOR & ASSOCIATED FRAME
11	REMOVE METAL RAILING
12	REMOVE ROOFING SYSTEM DOWN TO ROOF STRUCTURE
13	REMOVE ROOF DRAINS
14	WIDEN EXISTING OPENING
15	REMOVE WALL
16	REMOVE WALL COVERING; CLEAN & PREP FOR NEW FINISH IF REQUIRED
17	REMOVE EXISTING FLOOR FINISH; PREPARE FOR NEW FLOOR FINISH TO BE INSTALLED
18	REMOVE EXISTING CEILING
19	REMOVE EXISTING FIRE EXTINGUISHER
20	REMOVE CASEWORK
21	REMOVE PLUMBING FIXTURES (TOILET & SINK) AND ACCESSORIES; CAP ALL UTILITIES AT WALL / SLAB
22	REMOVE EXISTING SLAB ON GRADE; SEE STRUCTURAL

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CANTON TOWN HALL

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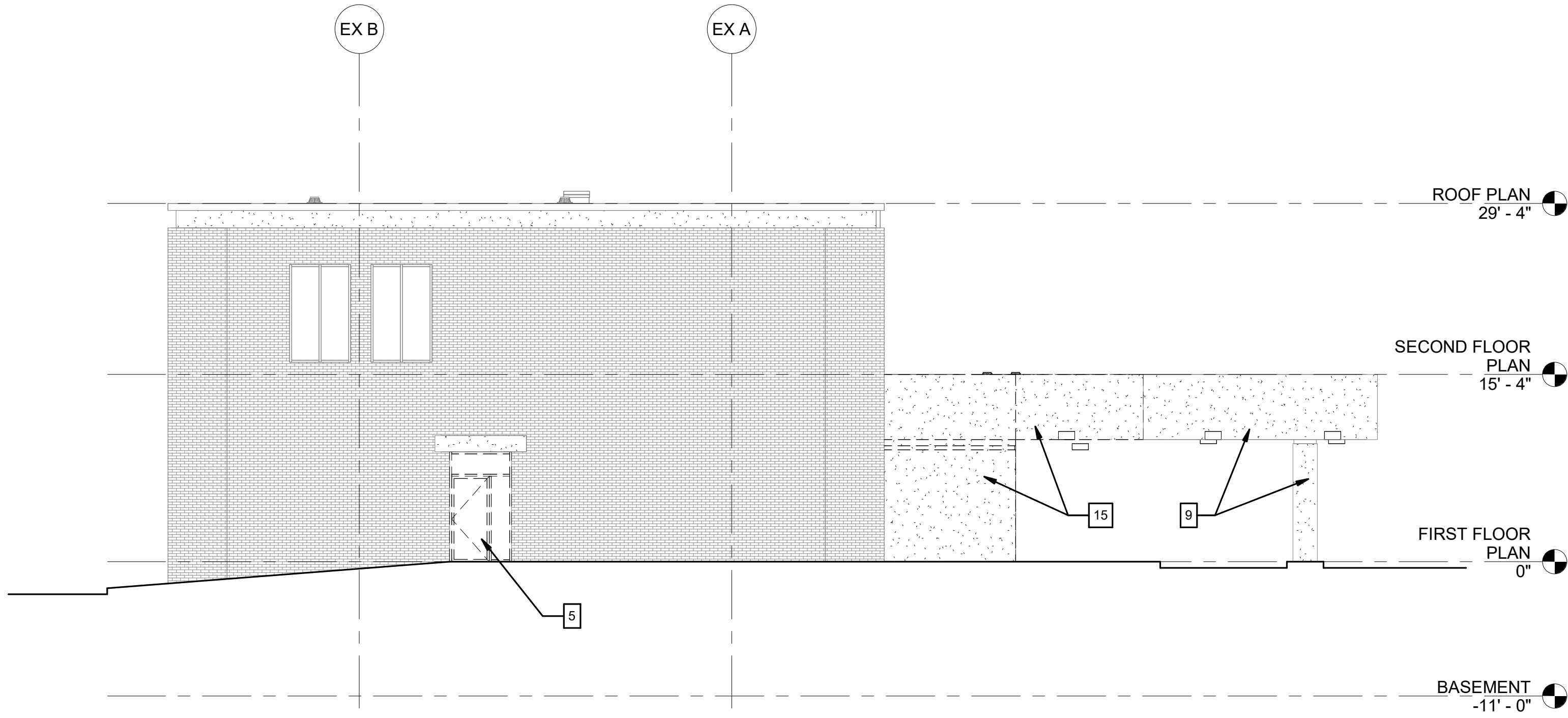
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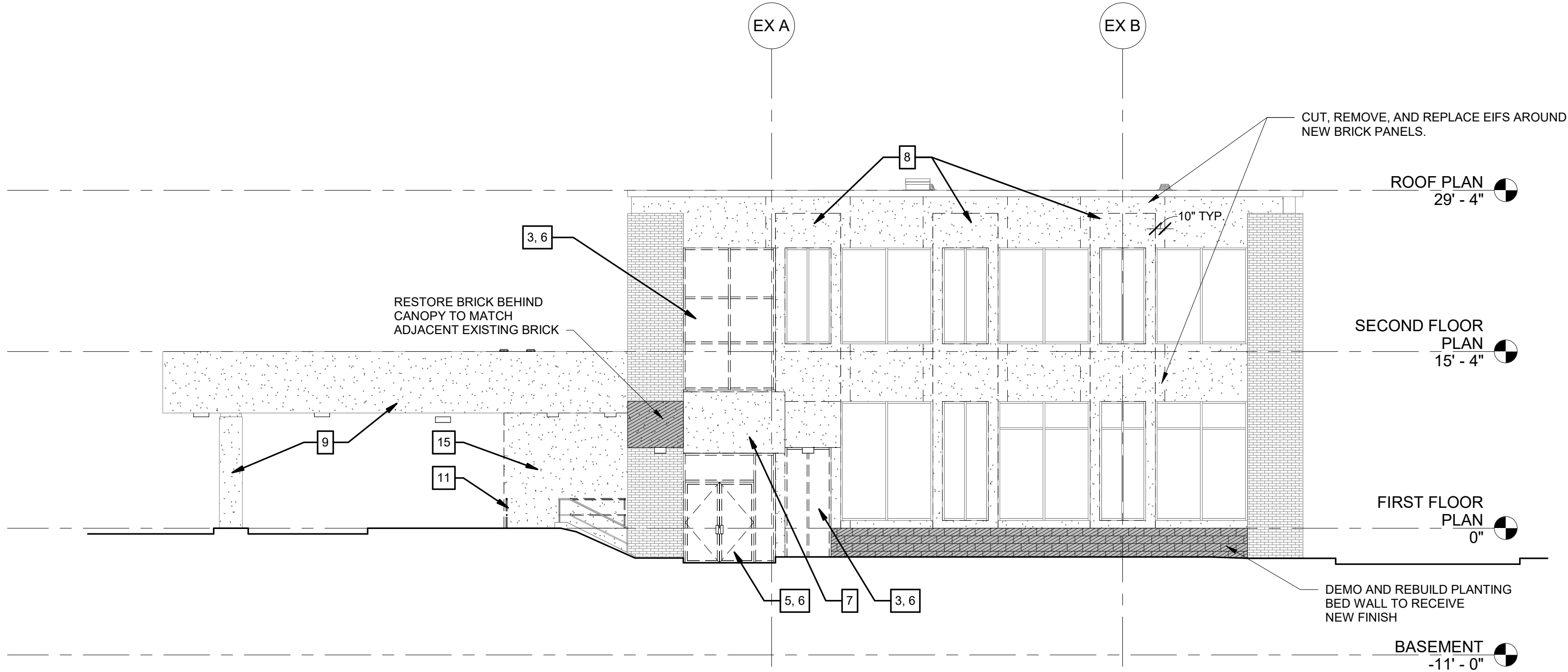
Date: JUNE 23, 2025

DEMO FLOOR PLANS

D1.11



C1 DEMO NORTH ELEVATION
1/8" = 1'-0"



A1 DEMO SOUTH ELEVATION
1/8" = 1'-0"

DEMOLITION LEGEND

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1	REMOVE EXISTING VAULT DOOR AND GATE
2	CREATE OPENING FOR NEW DOOR
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GENERAL DEMOLITION NOTES

2. WHERE PARTIAL WALLS ARE BEING DEMOLISHED LEAVE CLEAN EDGE REMAINING TO FACILITATE NEW ADJACENT WALL SURFACE.
3. ALL NEW OPENINGS IN THE INTERIOR AND EXTERIOR TO BE PATCHED TO MATCH THE EXISTING ADJACENT SURFACE IN MATERIAL, DIMENSION, COLOR AND CONDITION.

LEGEND

	SECTION OF WALL OR FINISH TO BE REMOVED OR REPAIRED
	EXISTING ELEMENT TO BE REMOVED

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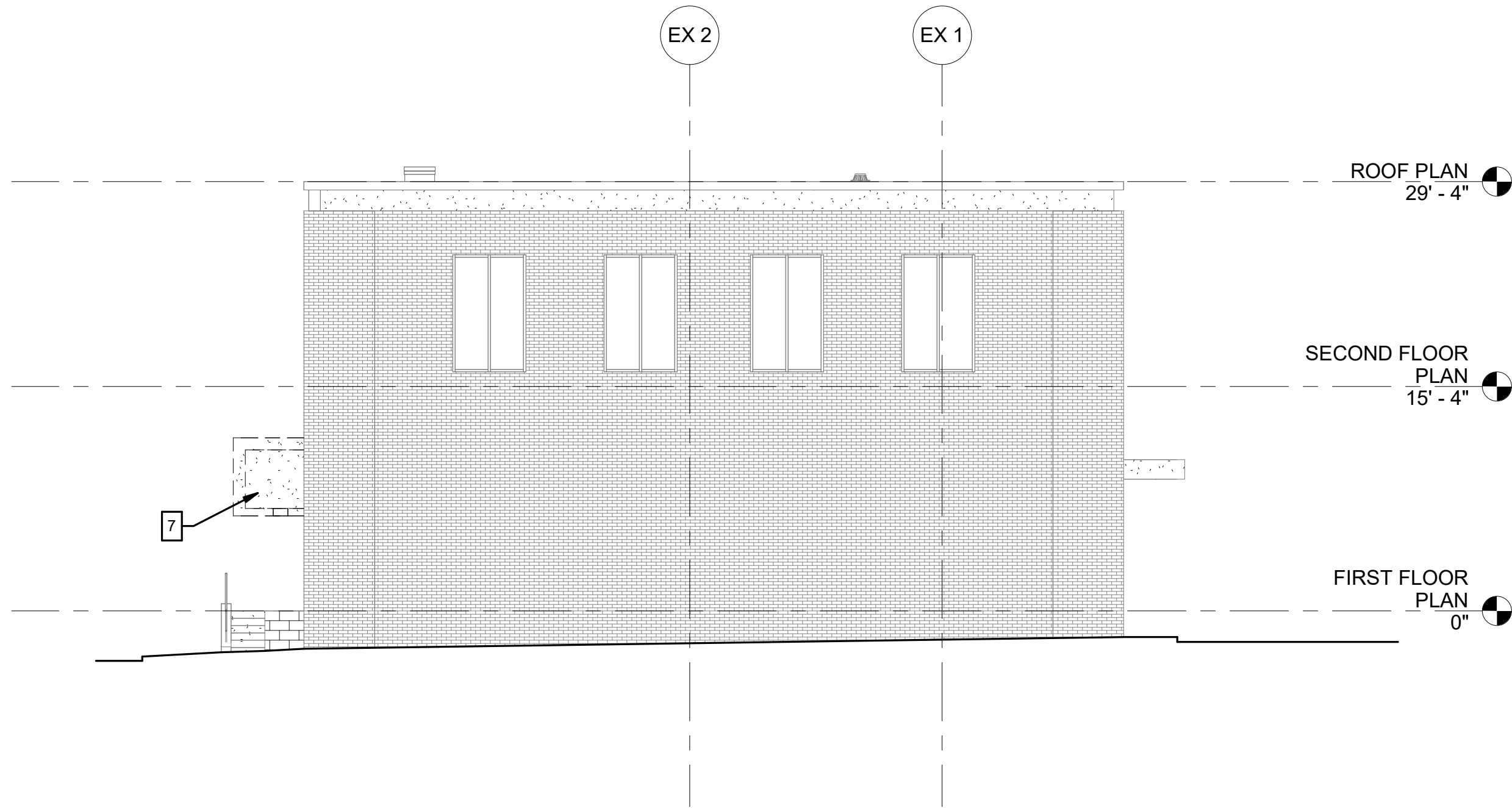
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Project Number: 2023-001-02
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DEMO EXTERIOR ELEVATIONS

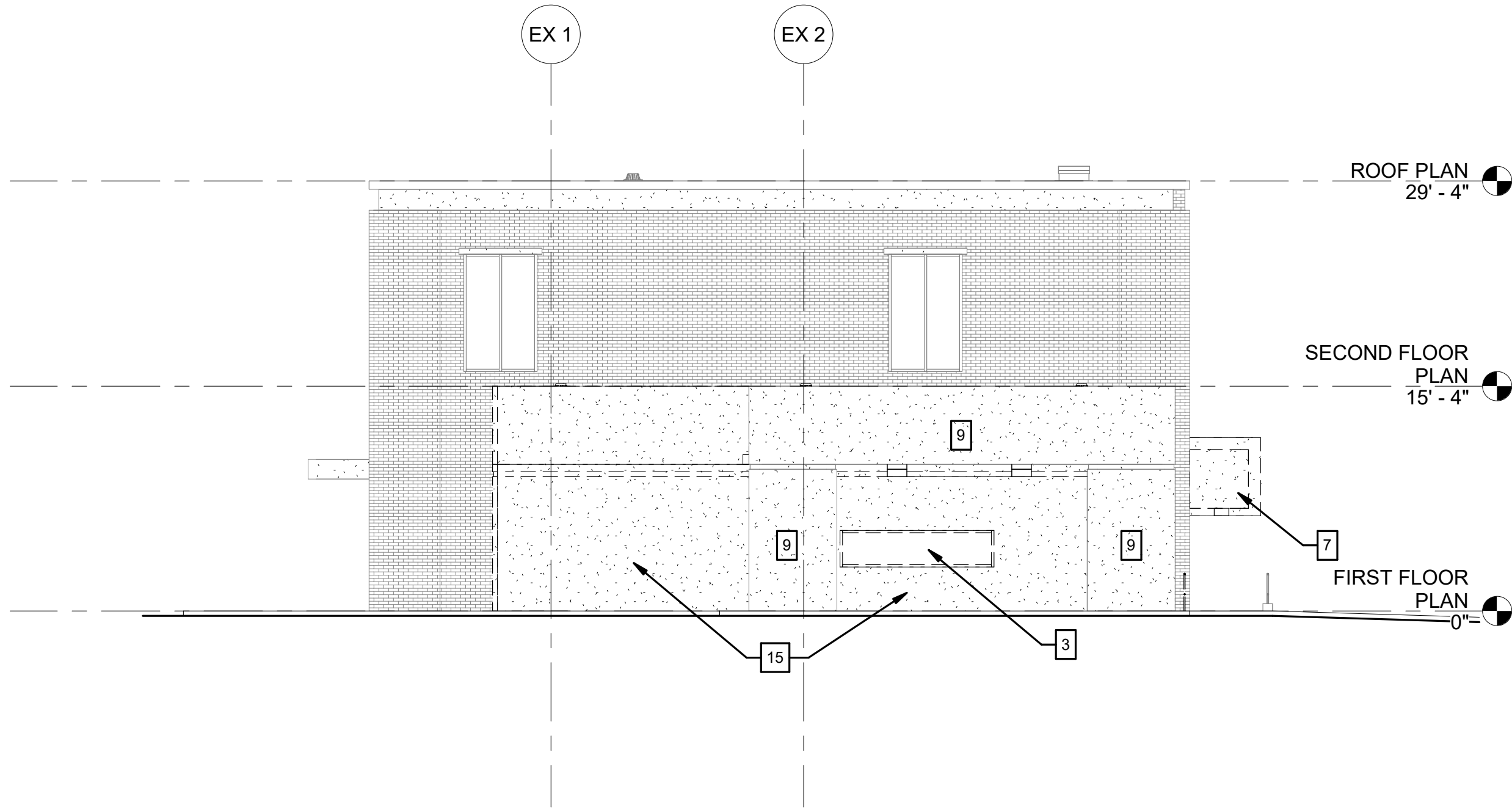
D2.01

D



C1 DEMO EAST ELEVATION
1/8" = 1'-0"

B



A1 DEMO WEST ELEVATION
1/8" = 1'-0"

1

2

3

4

5

DEMOLITION LEGEND

#	DESCRIPTION
1	REMOVE EXISTING VAULT DOOR AND GATE
2	CREATE OPENING FOR NEW DOOR
3	REMOVE GLAZING & FRAME
4	REMOVE SIGNAGE
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20	REMOVE CASEWORK
21	REMOVE PLUMBING FIXTURES (TOILET & SINK) AND ACCESSORIES; CAP ALL UTILITIES AT WALL / SLAB
22	REMOVE EXISTING SLAB ON GRADE; SEE STRUCTURAL

GENERAL DEMOLITION NOTES

- WHERE PARTIAL WALLS ARE BEING DEMOLISHED LEAVE CLEAN EDGE REMAINING TO FACILITATE NEW ADJACENT WALL SURFACE.
- ALL NEW OPENINGS IN THE INTERIOR AND EXTERIOR TO BE PATCHED TO MATCH THE EXISTING ADJACENT SURFACE IN MATERIAL, DIMENSION, COLOR AND CONDITION.

LEGEND

	SECTION OF WALL OR FINISH TO BE REMOVED OR REPAIRED
	EXISTING ELEMENT TO BE REMOVED

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DEMO EXTERIOR ELEVATIONS

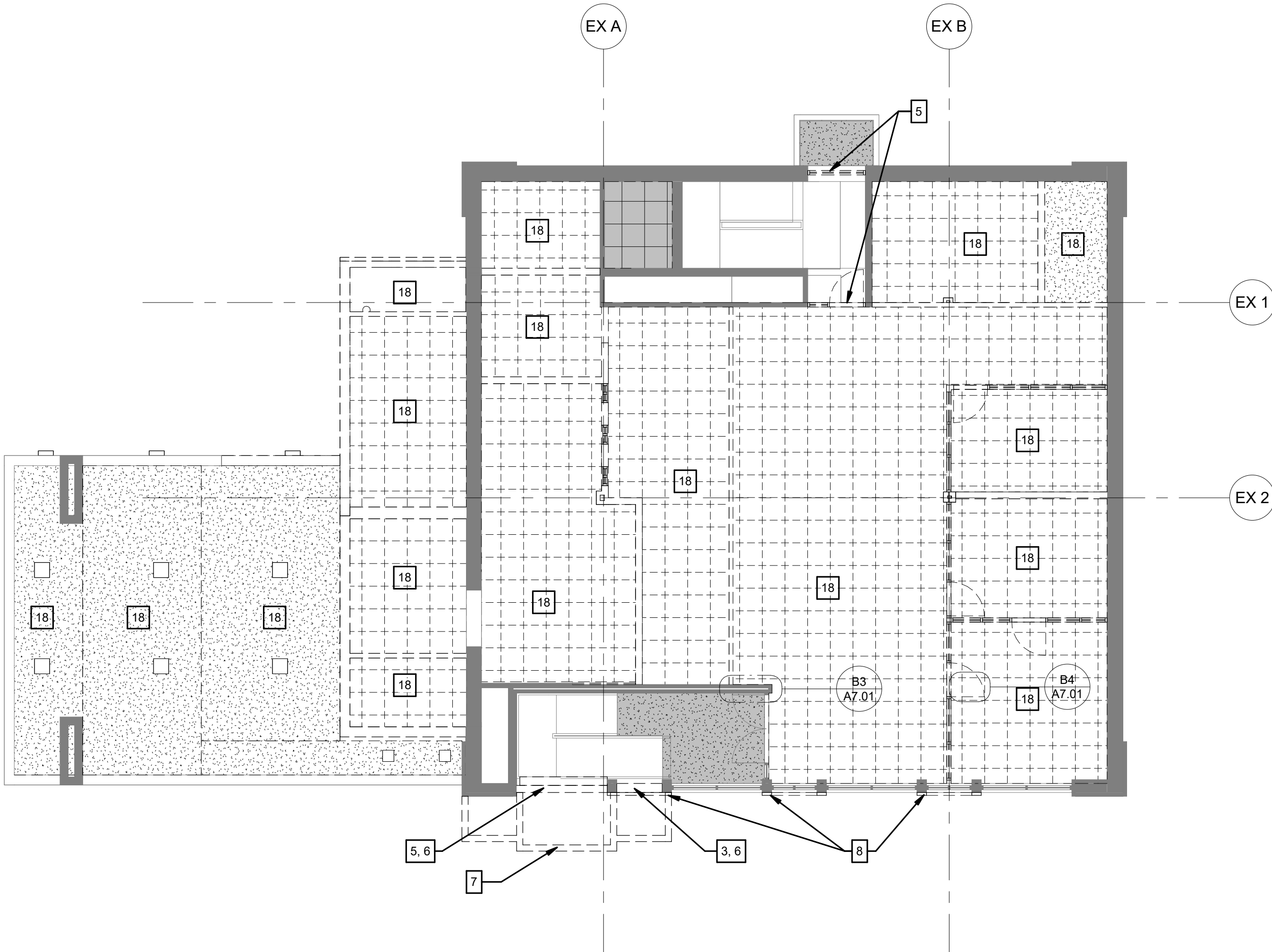
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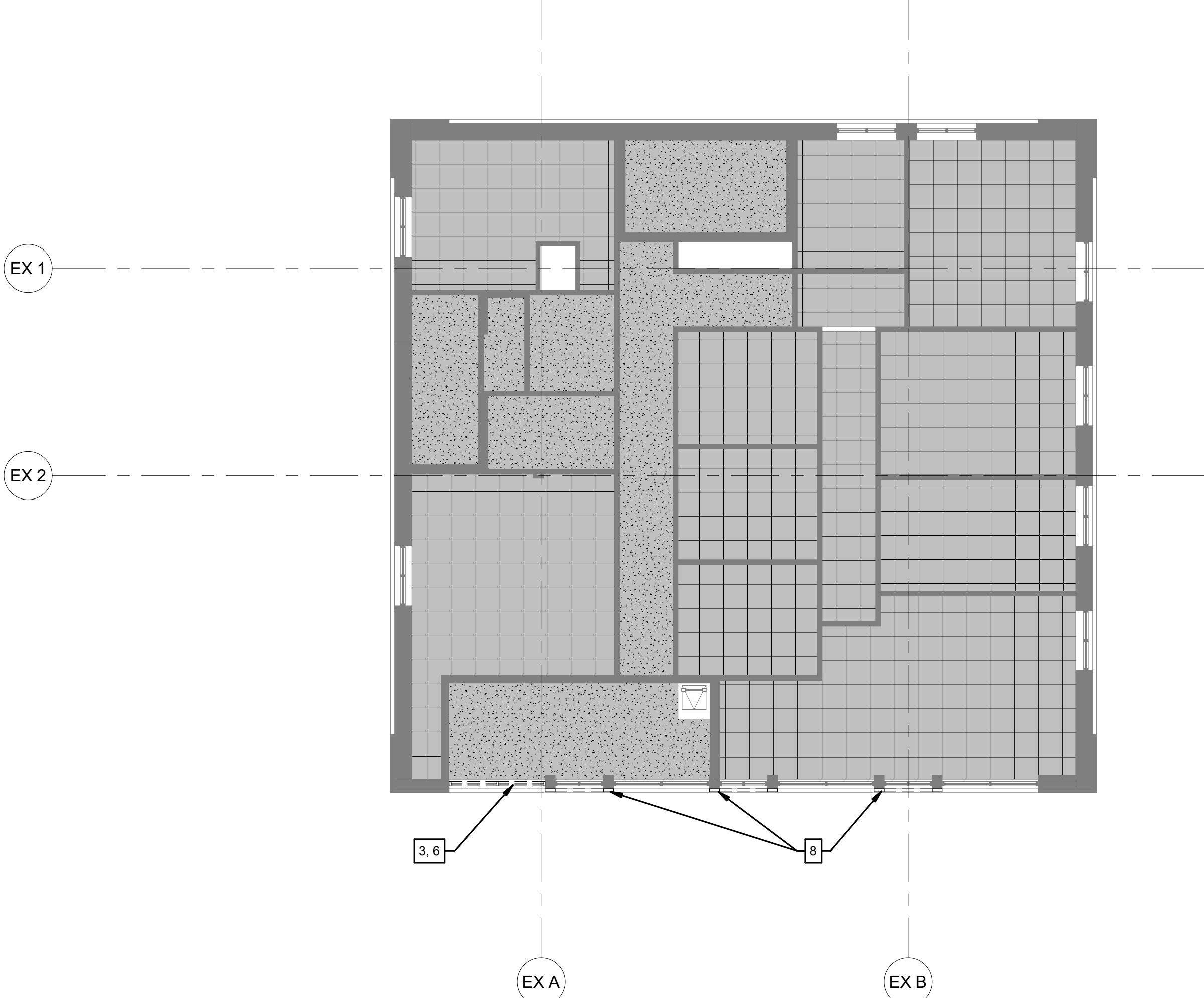
JUNE 23, 2025



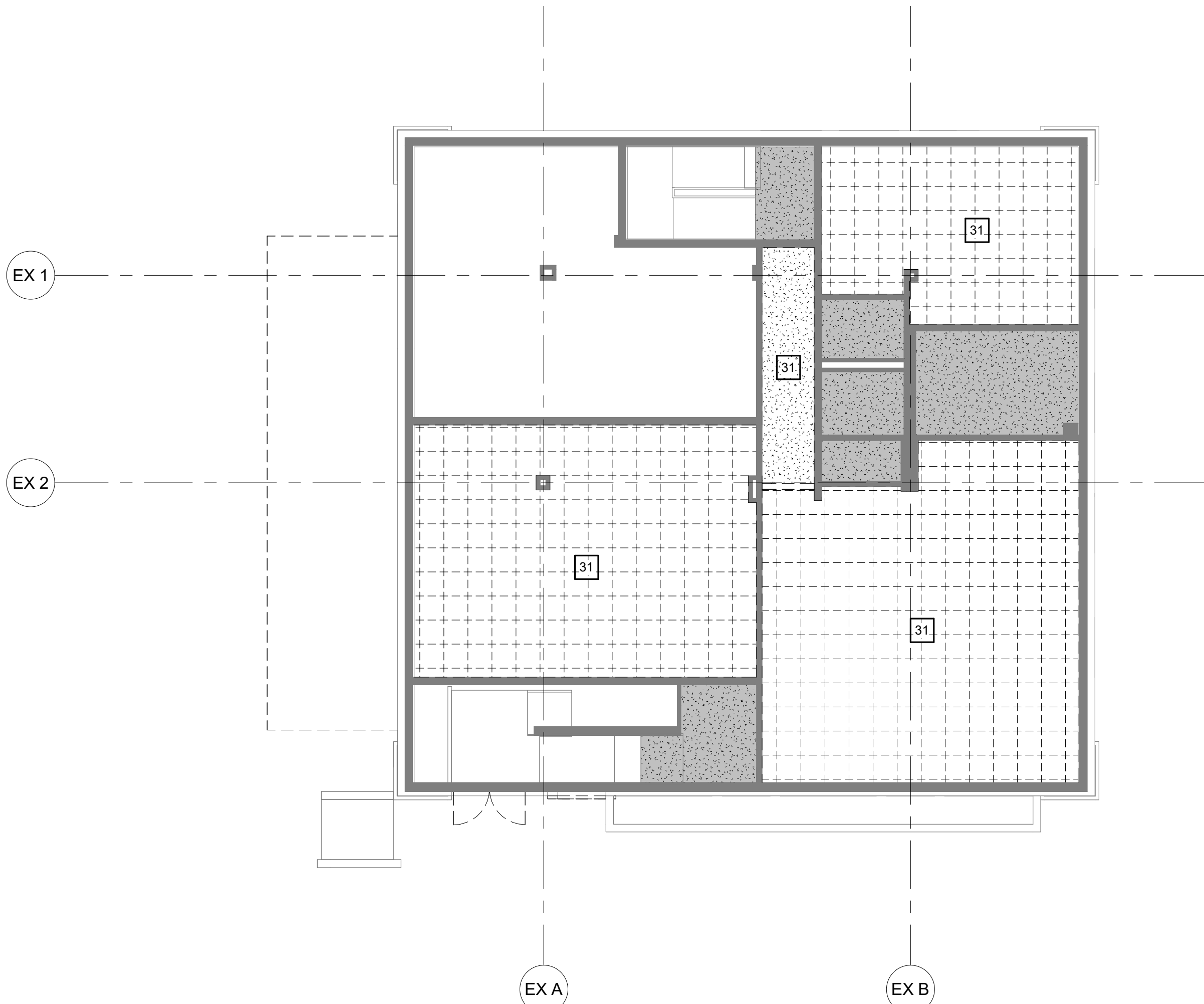
CANTON TOWN HALL



C1 DEMO FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



C3 DEMO SECOND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



A1 DEMO BASEMENT REFLECTED CEILING PLAN
1/8" = 1'-0"

GENERAL DEMOLITION NOTES

- WHERE PARTIAL WALLS ARE BEING DEMOLISHED LEAVE CLEAN EDGE REMAINING TO FACILITATE NEW ADJACENT WALL SURFACE.
- ALL NEW OPENINGS IN THE INTERIOR AND EXTERIOR TO BE PATCHED TO MATCH THE EXISTING ADJACENT SURFACE IN MATERIAL, DIMENSION, COLOR AND CONDITION.

EXISTING REFLECTED CEILING
PLAN LEGEND

	EXISTING 2 x 2 ACOUSTICAL PANEL CEILING
	EXISTING GYPSUM BOARD CEILING
	OPEN TO STRUCTURE
	CEILING HEIGHT ABOVE FINISHED FLOOR

NOTES

- REFER TO DETAILS & SPECIFICATIONS FOR CEILING SUSPENSION/ANCHOR INFORMATION.
- REFER TO SPECIFICATIONS FOR ACOUSTICAL PANEL CEILING GRID TYPE.
- REFER TO MEP DRAWINGS FOR SYMBOL IDENTIFICATION.
- REFER TO UL SYSTEMS SHEET FOR HORIZONTAL RATED ASSEMBLIES.

DEMOLITION LEGEND

#	DESCRIPTION
1	REMOVE EXISTING VAULT DOOR AND GATE
2	CREATE OPENING FOR NEW DOOR
3	REMOVE GLAZING & FRAME
4	REMOVE SIGNAGE
5	REMOVE EXISTING DOOR, FRAME & GLAZING
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21	REMOVE PLUMBING FIXTURES (TOILET & SINK) AND ACCESSORIES; CAP ALL UTILITIES AT WALL / SLAB
22	REMOVE EXISTING SLAB ON GRADE; SEE STRUCTURAL

LEGEND

	TRUE NORTH
	PLAN NORTH
	EXISTING WALL TO REMAIN
	EXISTING WALL TO BE REMOVED

D

C

C1 BASEMENT DIMENSIONED PLAN
1/8" = 1'-0"

B

A

A1 BASEMENT PLAN
1/8" = 1'-0"

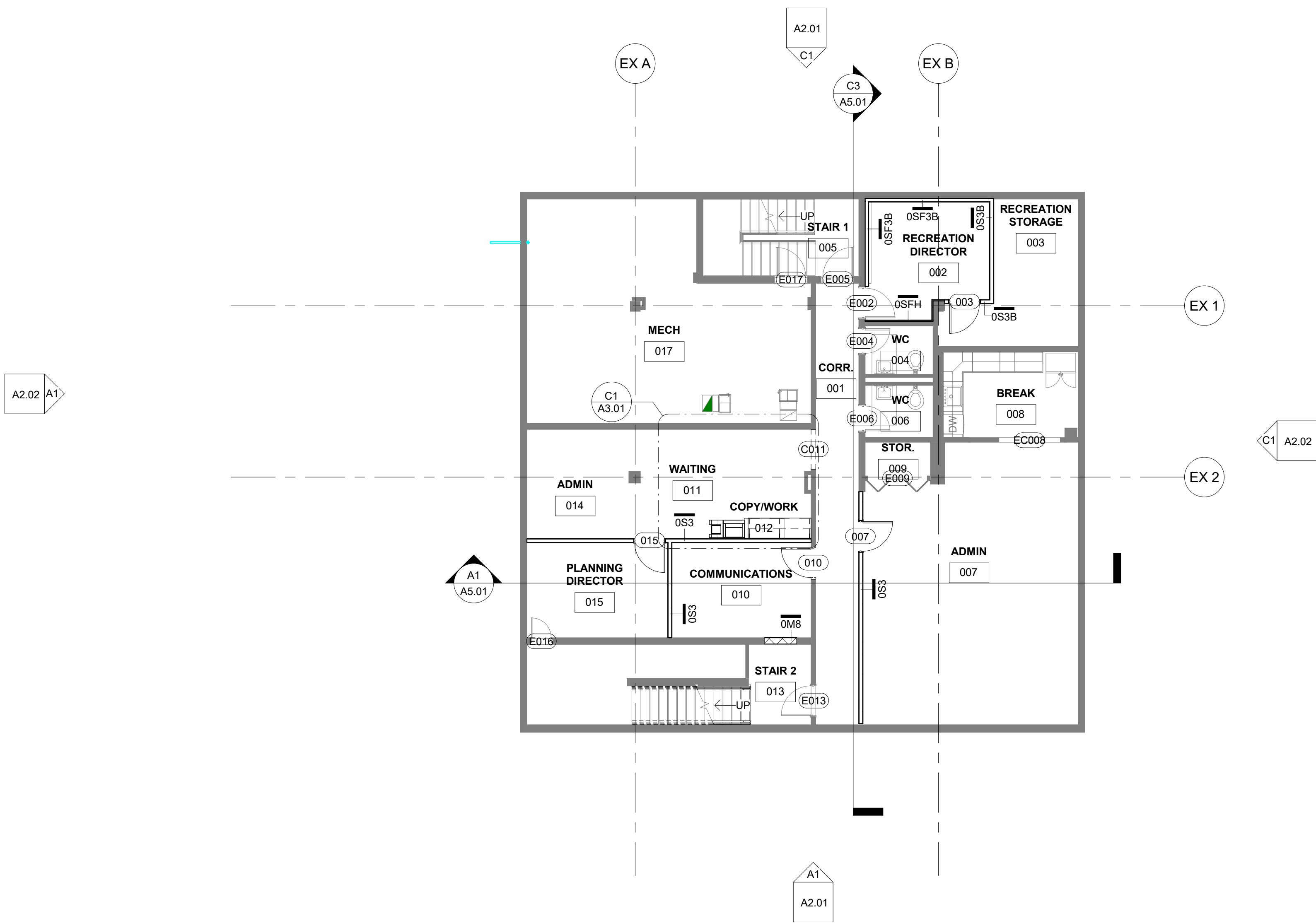
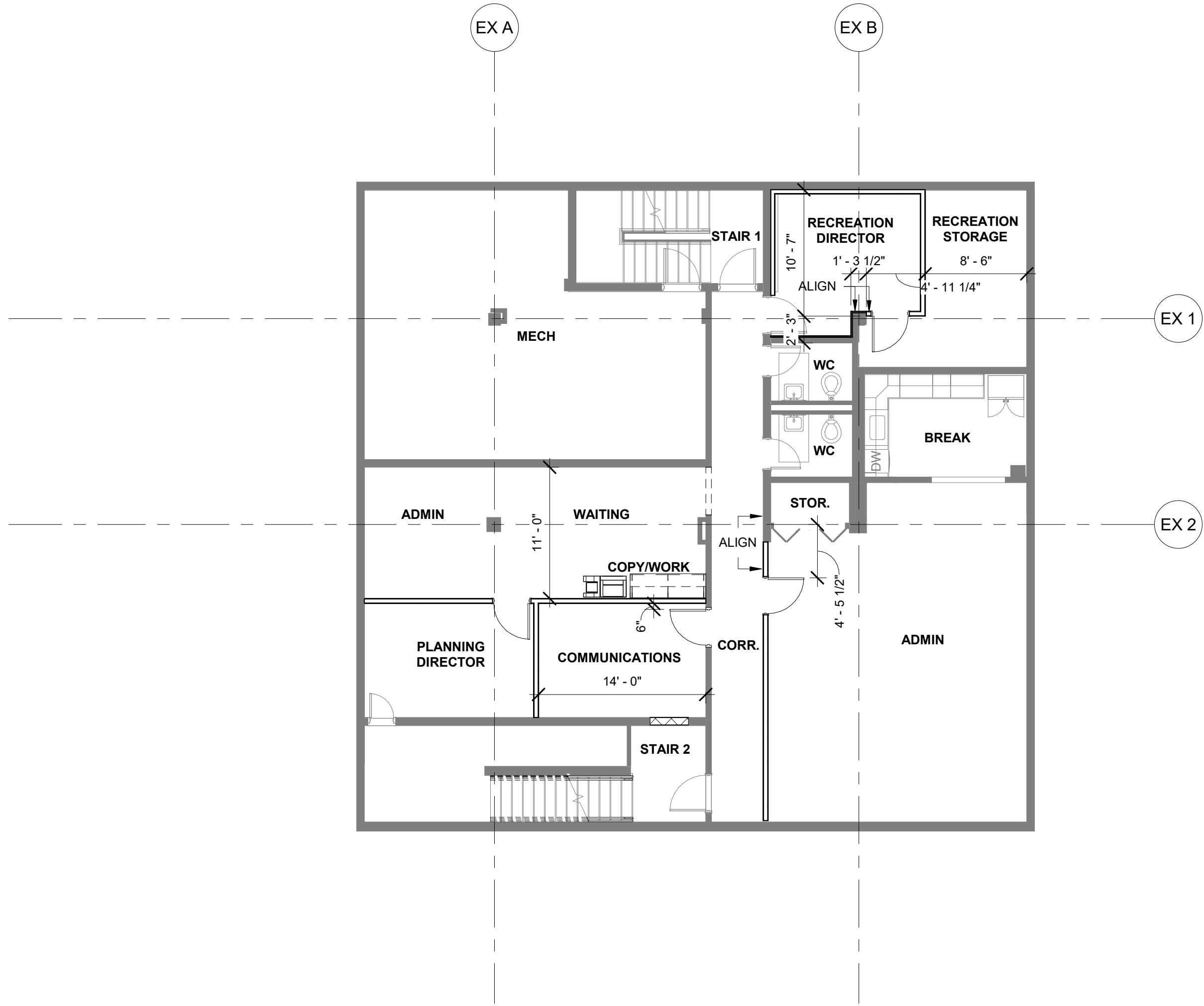
1

2

3

4

5



LEGEND

TRUE NORTH

PLAN NORTH

EXISTING WALL TO REMAIN

NEW WALL

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JUNE 23, 2025



CANTON TOWN HALL

No.	Description	Date

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

BASEMENT PLAN

A1.11

D

C

C1 FIRST FLOOR DIMENSIONED PLAN
1/8" = 1'-0"

B

A

A1 FIRST FLOOR PLAN
1/8" = 1'-0"

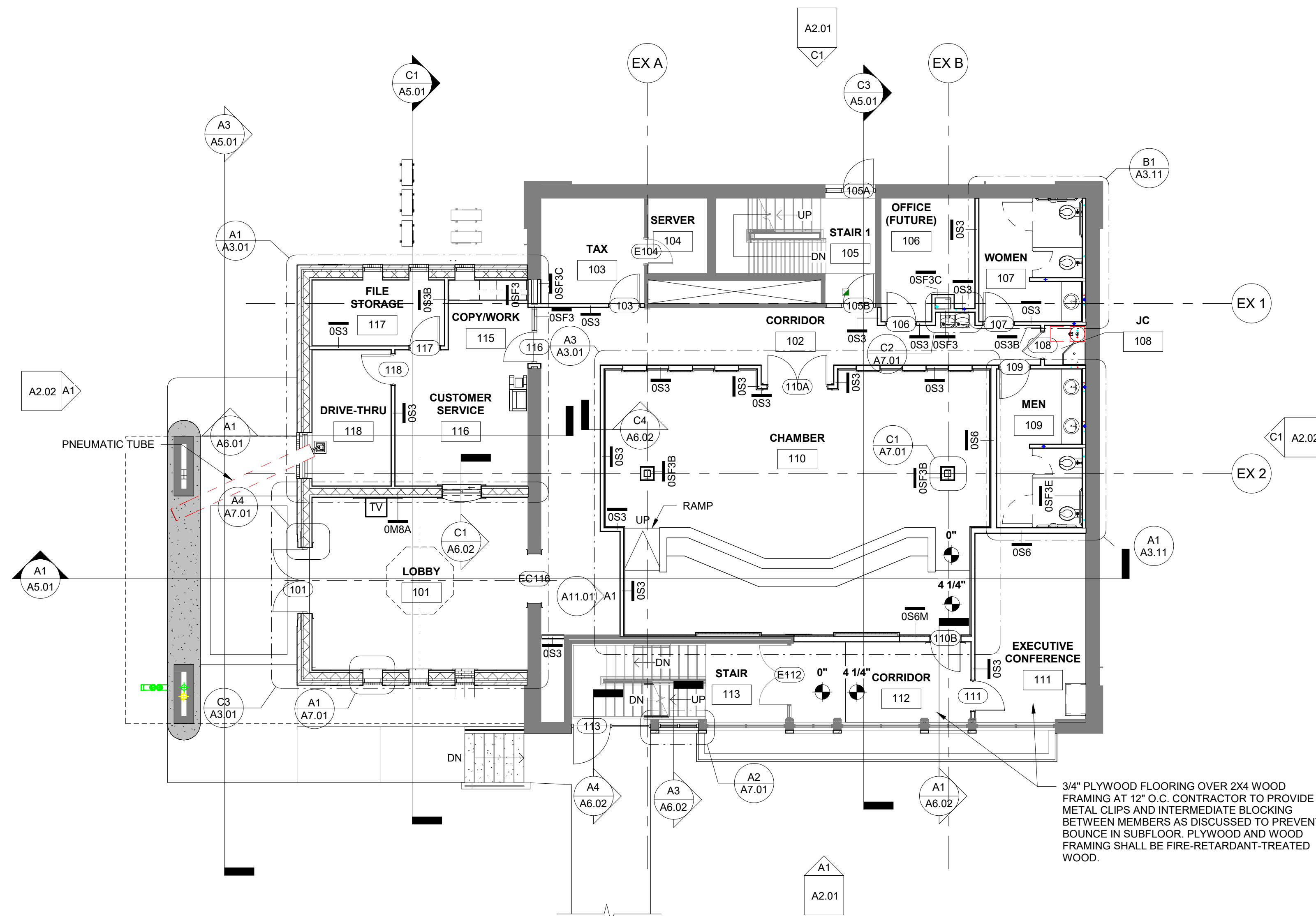
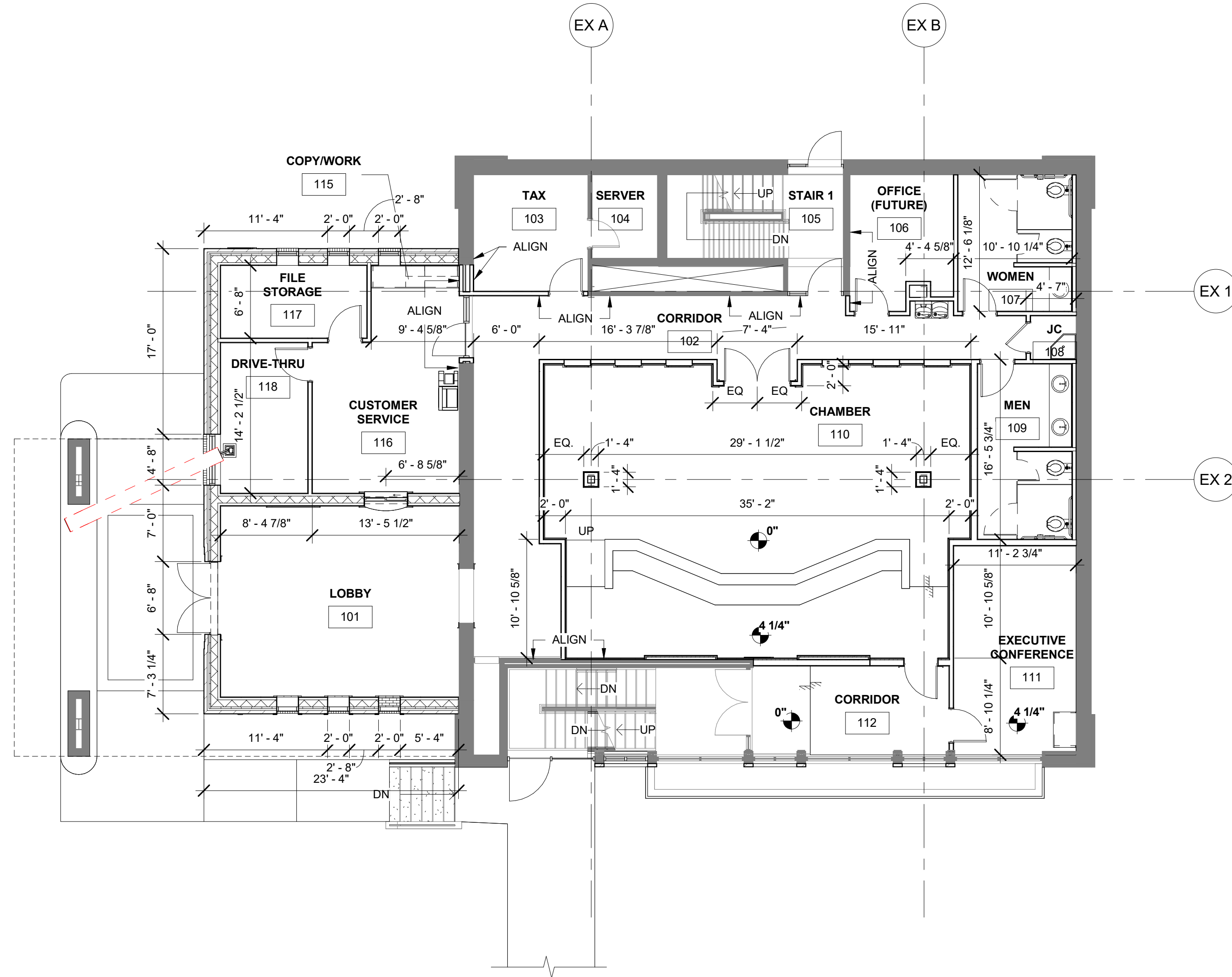
1

2

3

4

5



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FIRST FLOOR PLAN

A1.12



JUNE 23, 2025



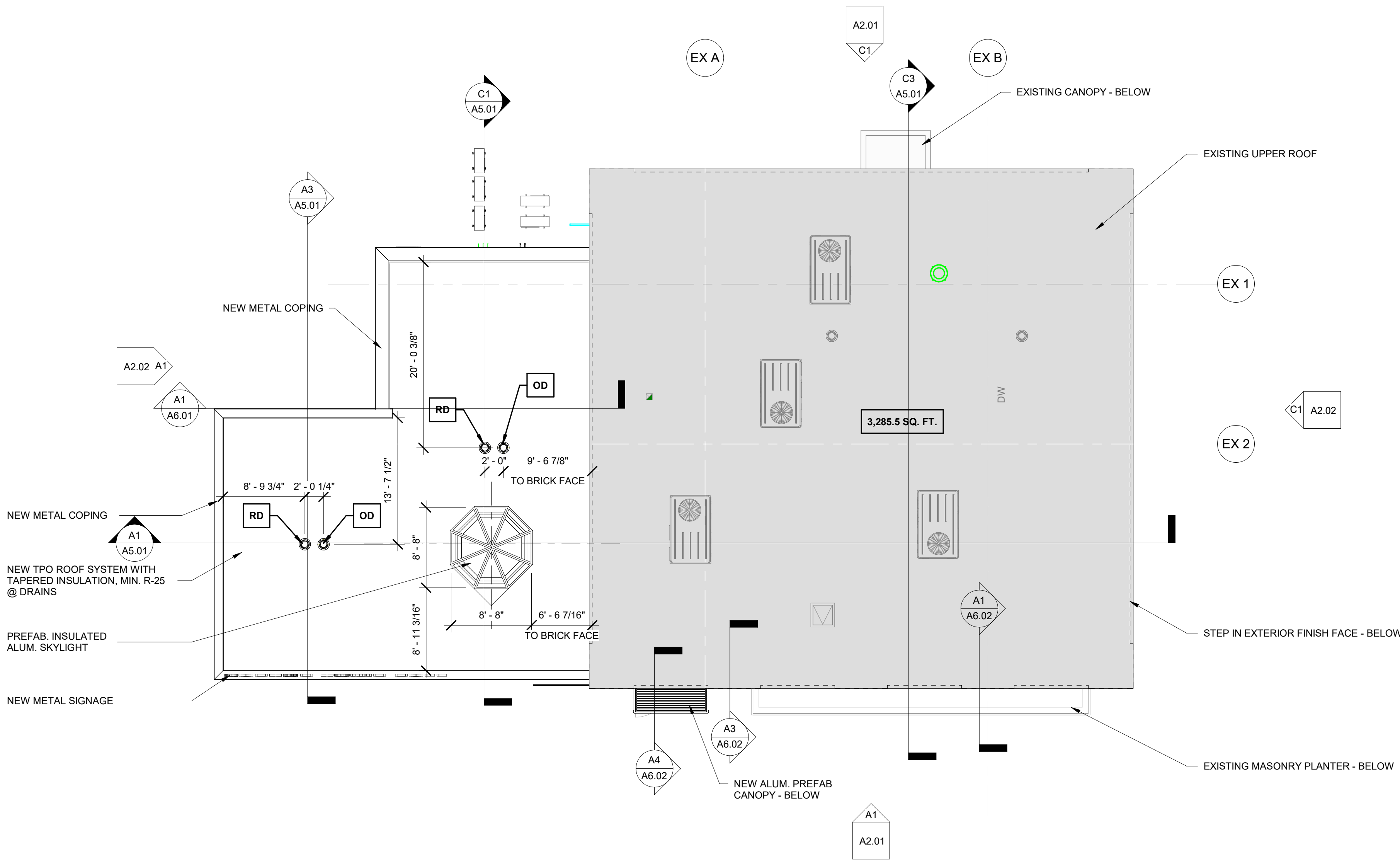
CANTON TOWN HALL

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Project Number: 2023-001-02
Date: JUNE 23, 2025

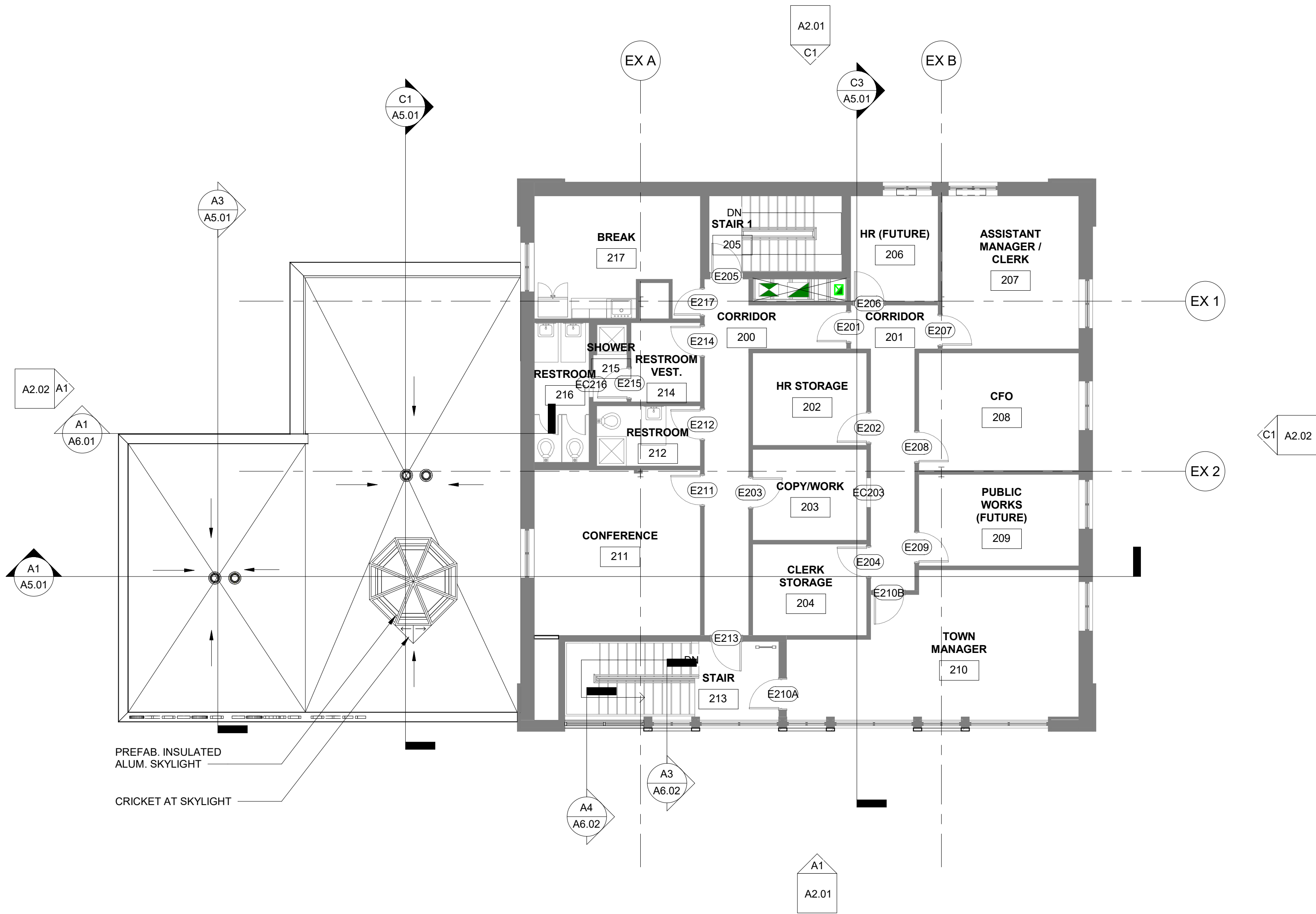
SECOND FLOOR AND ROOF PLAN

A1.13



ROOF PLAN LEGEND

+X' - X"	HEIGHT OF ROOF DECK
→	DIRECTION OF SLOPE
RD	ROOF DRAIN
OD	OVERFLOW DRAIN
TWS	THRU WALL SCUPPER
OS	OVERFLOW SCUPPER
DS	DOWNSPOUT



LEGEND

TRUE NORTH	PLAN NORTH
EXISTING WALL TO REMAIN	NEW WALL

C1 ROOF PLAN
1/8" = 1'-0"

A1 SECOND FLOOR PLAN
1/8" = 1'-0"



JUNE 23, 2025



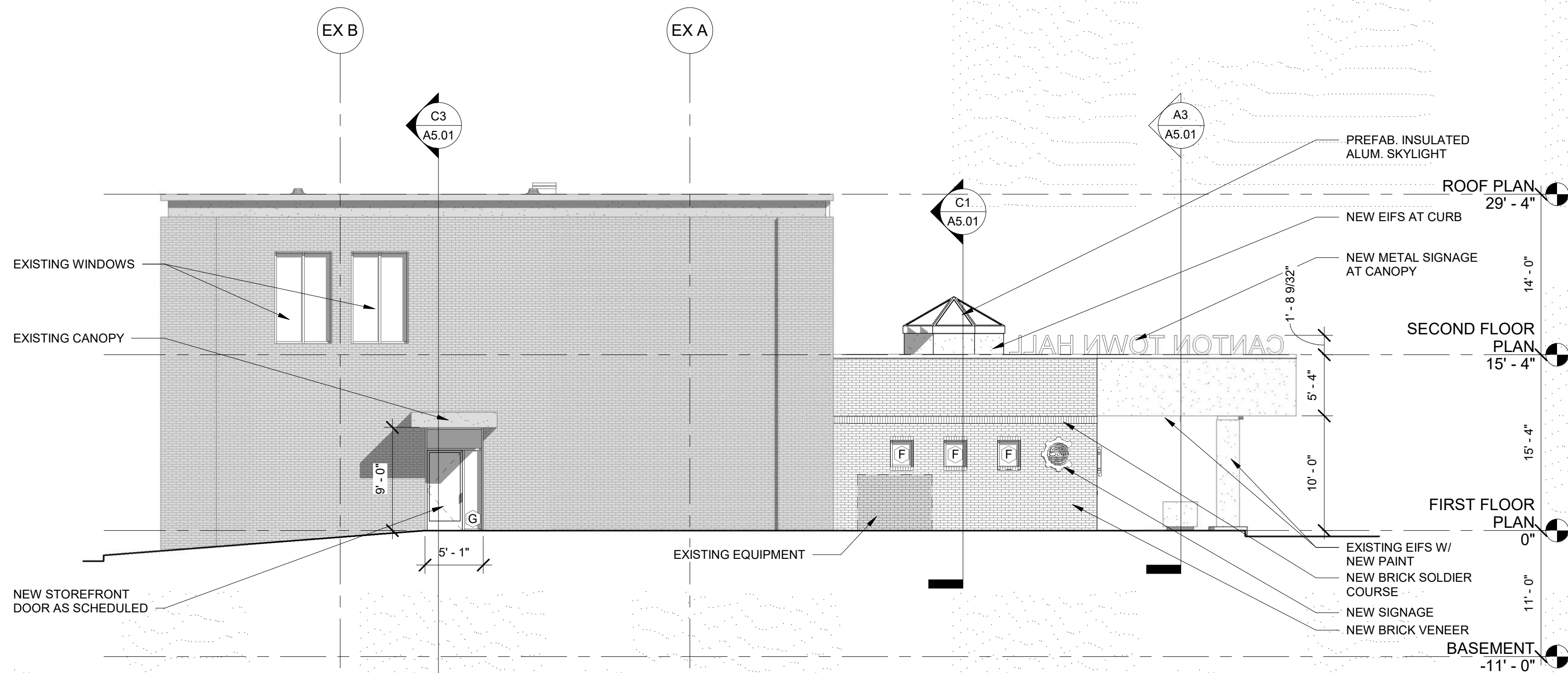
CANTON TOWN HALL

No.	Description	Date

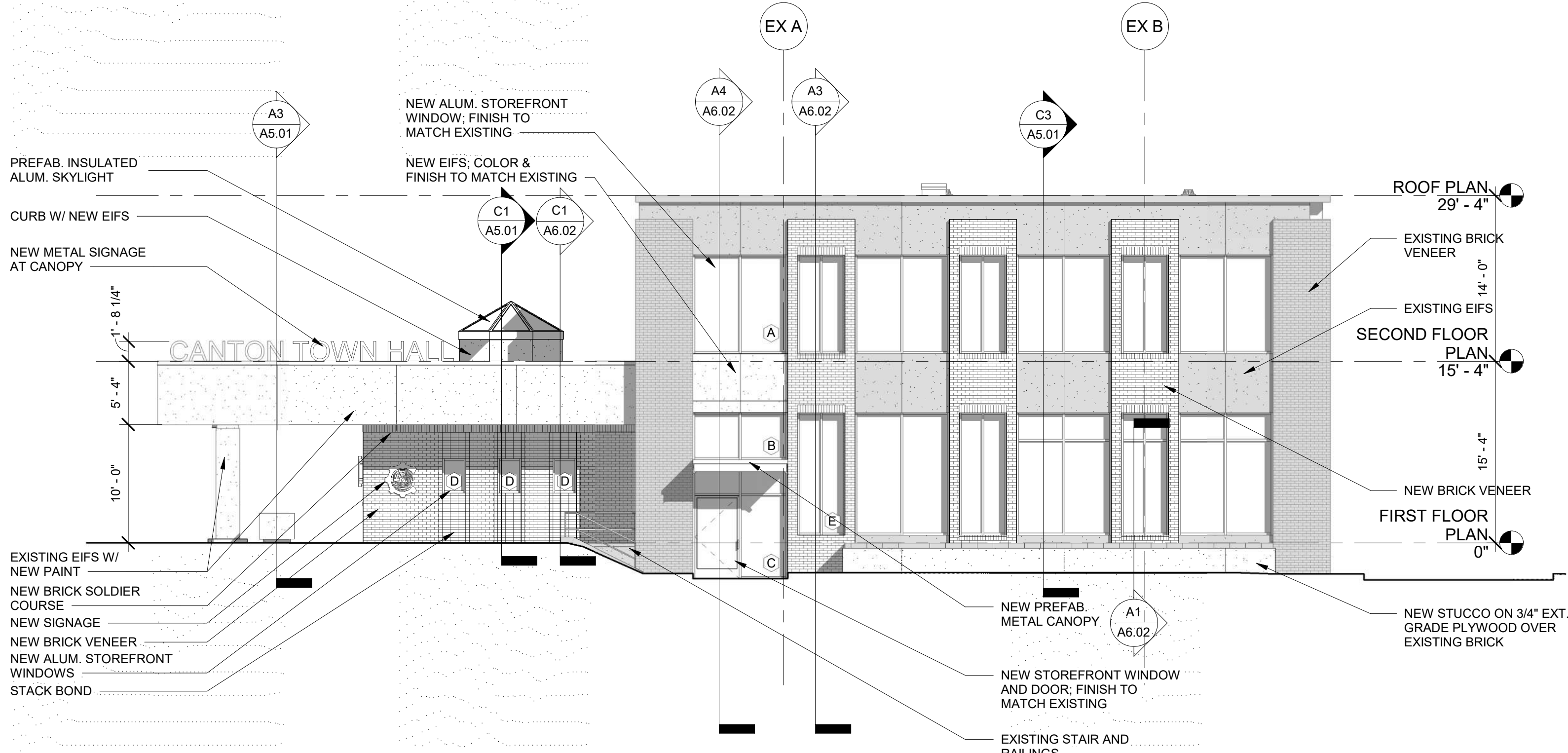
Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

EXTERIOR ELEVATIONS

A2.01



C1 NORTH ELEVATION
1/8" = 1'-0"



A1 SOUTH ELEVATION
1/8" = 1'-0"



JUNE 23, 2025



CANTON TOWN HALL

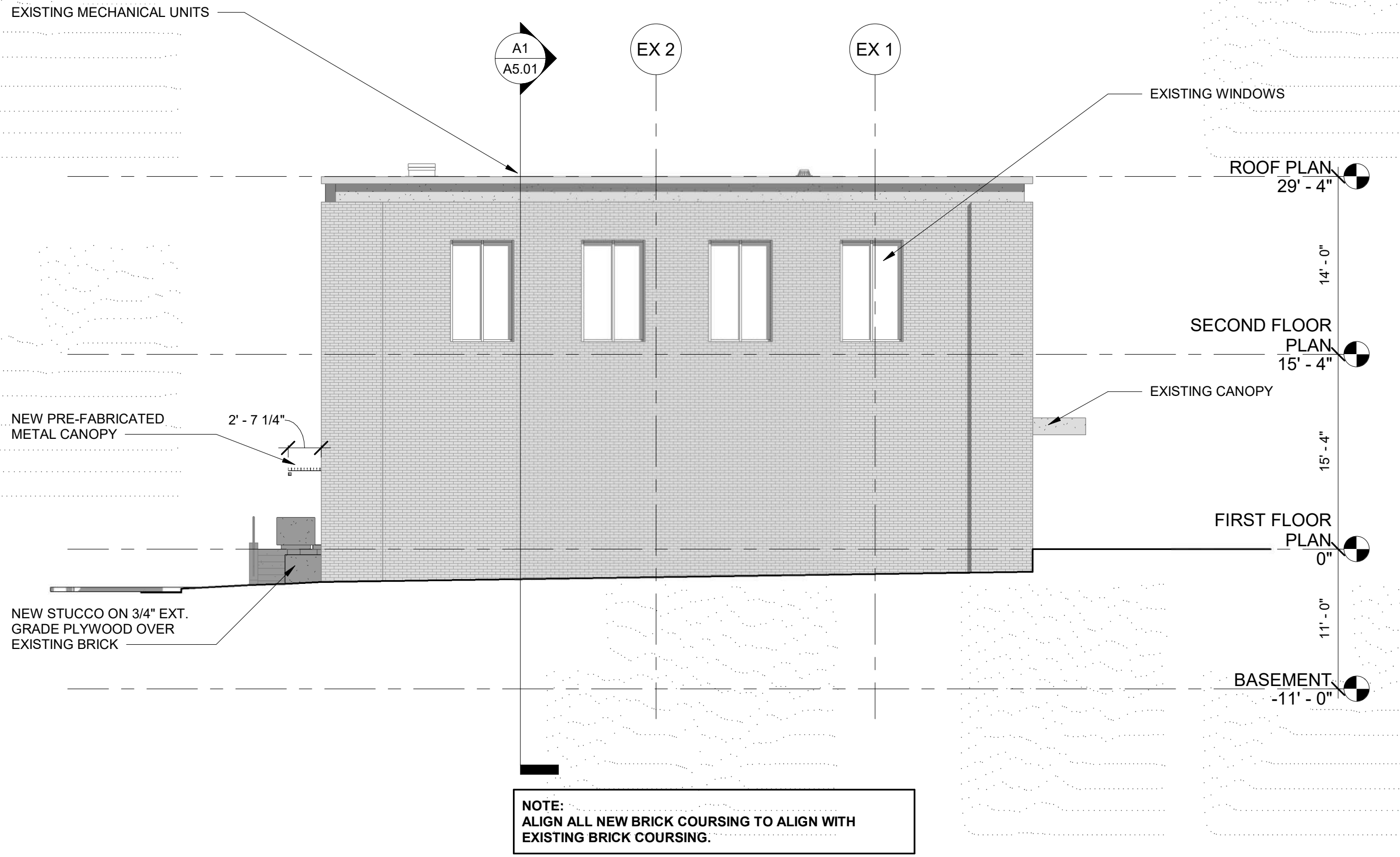
No.	Description	Date

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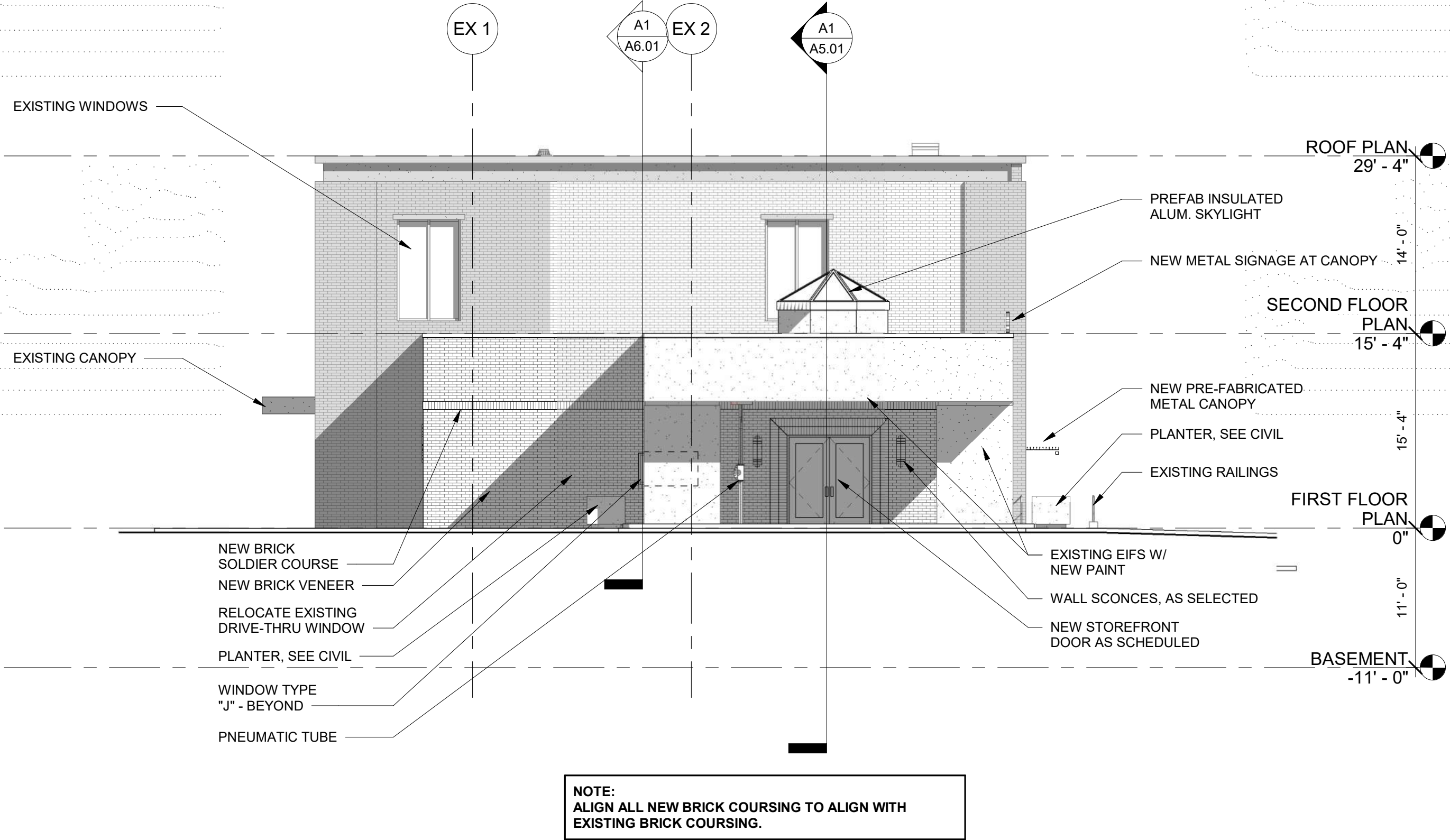
EXTERIOR ELEVATIONS

A2.02

C1 EAST ELEVATION
1/8" = 1'-0"



A1 WEST ELEVATION
1/8" = 1'-0"

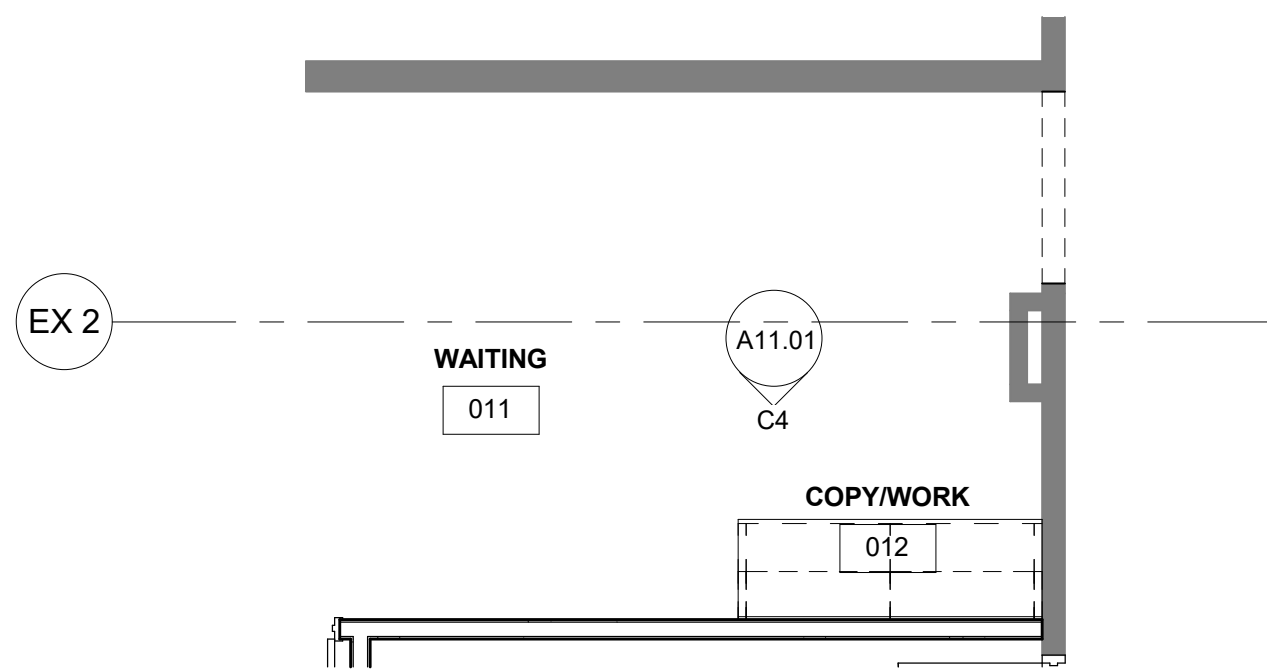


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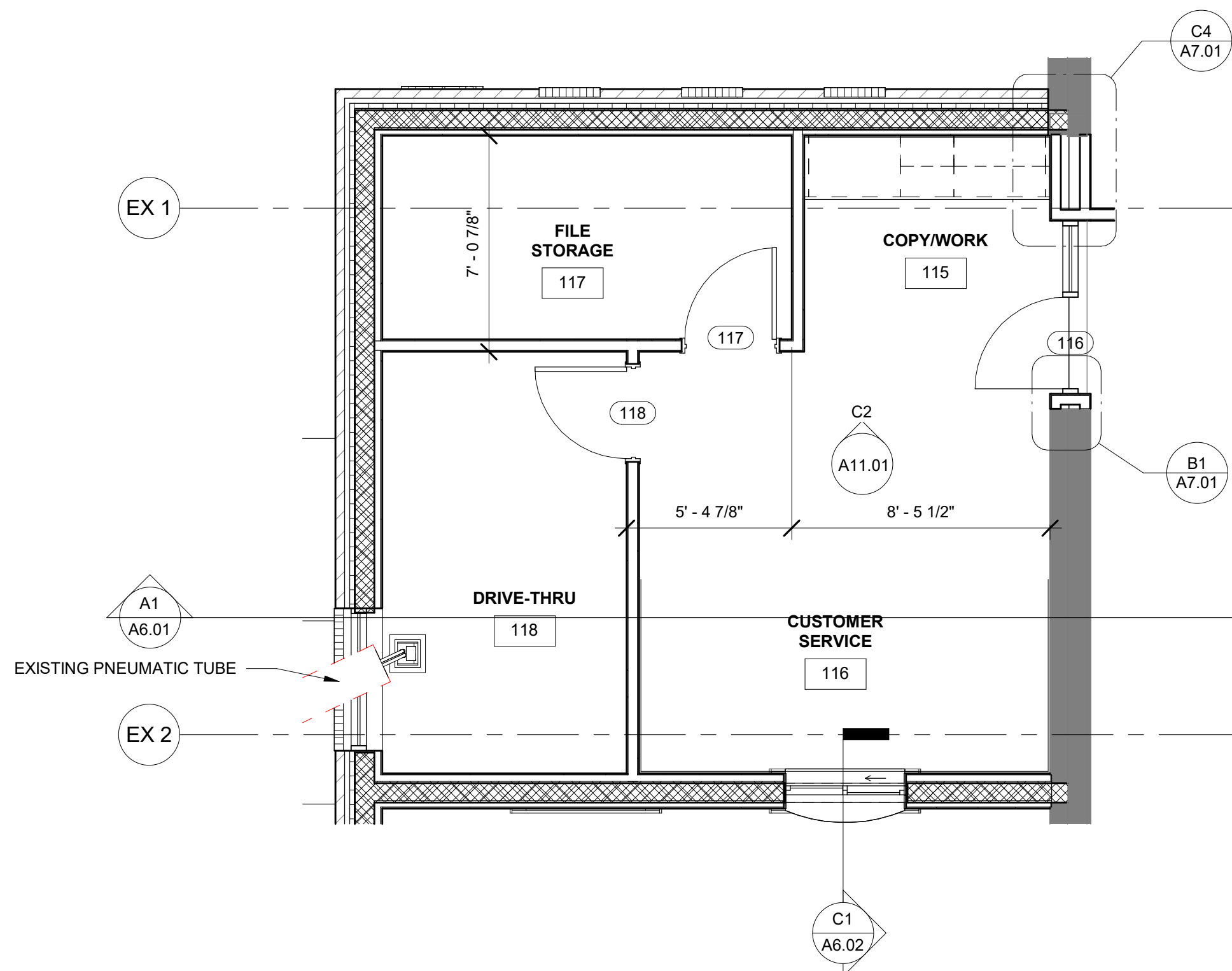
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B

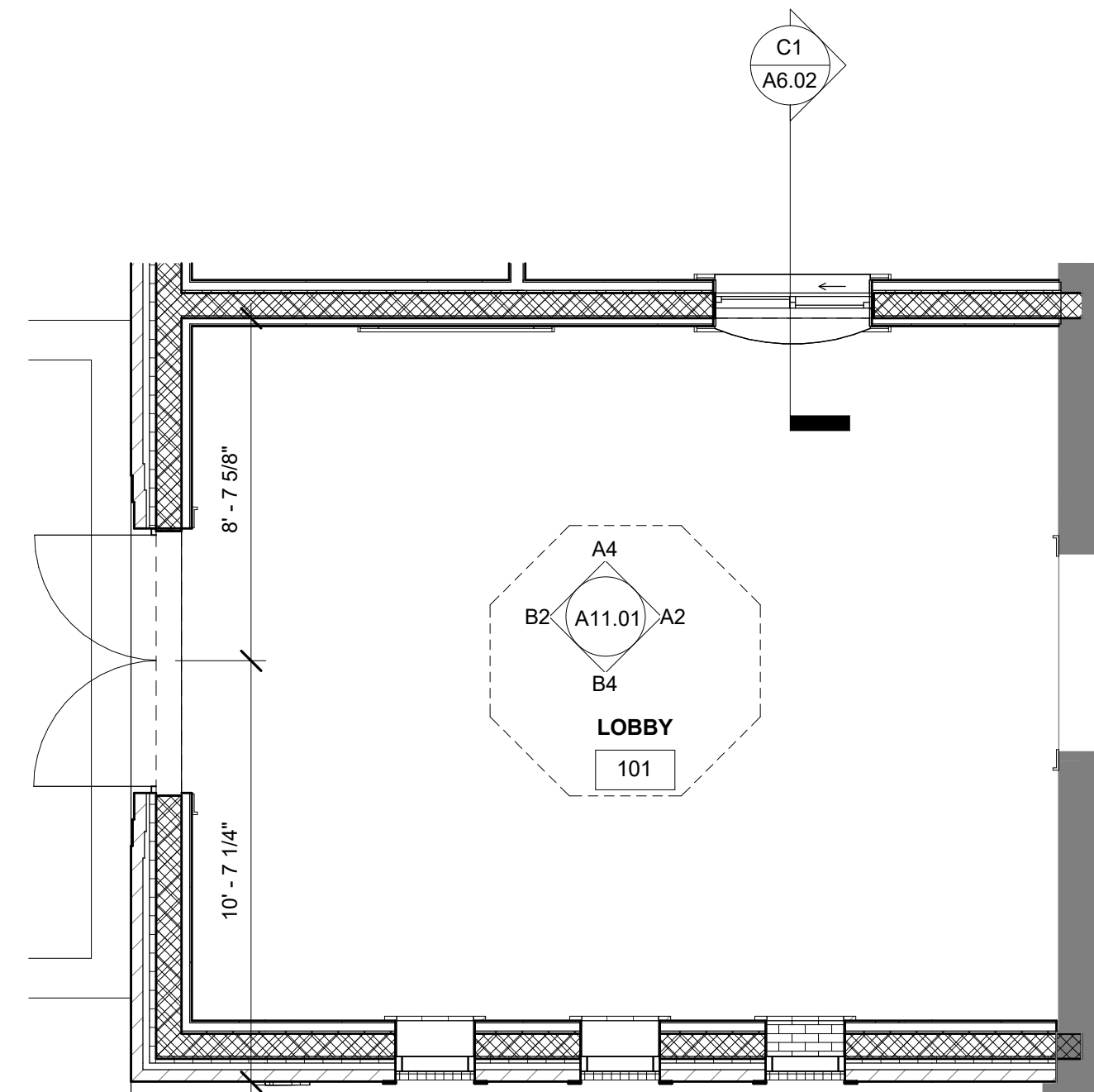
A



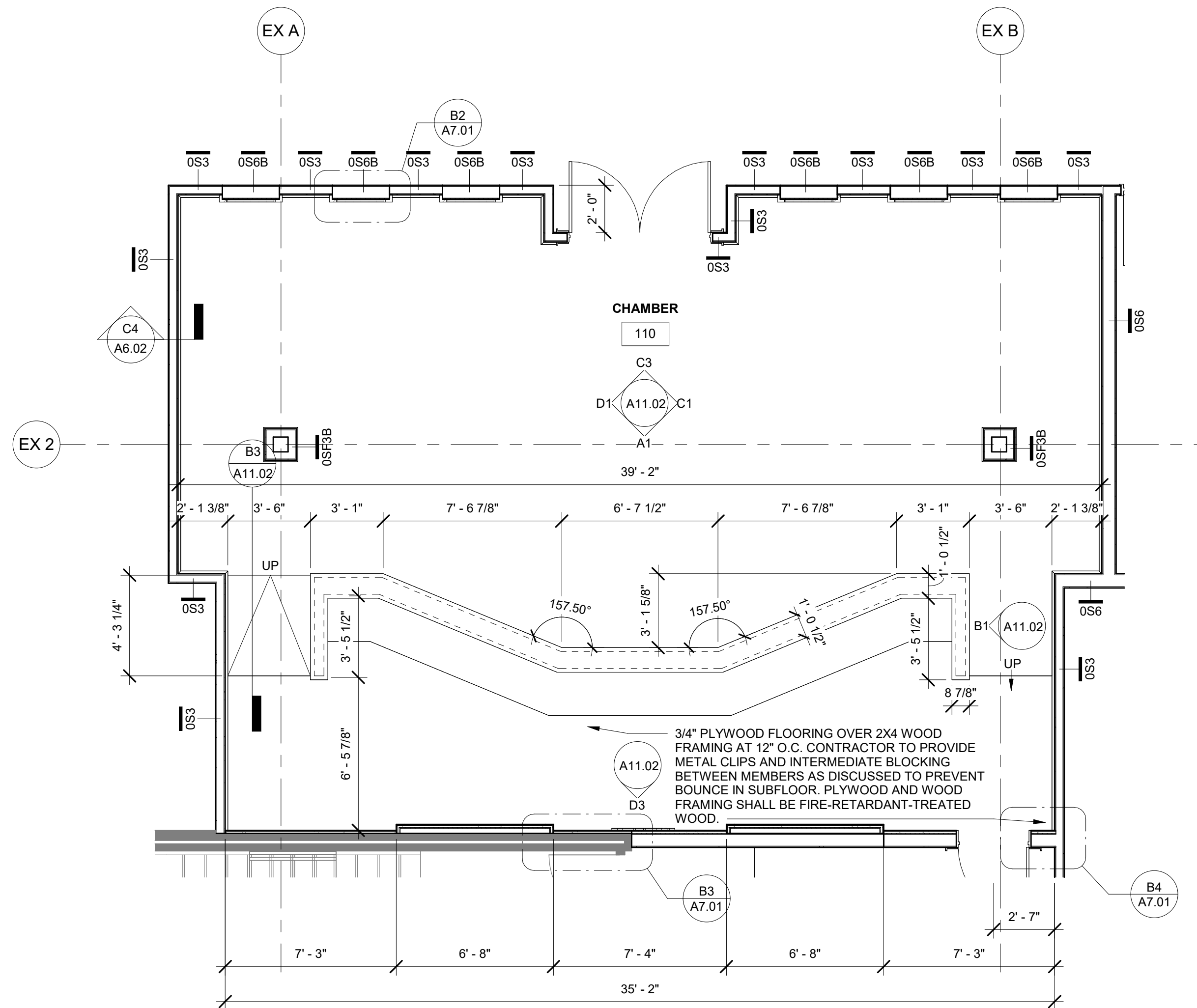
C1 ENLARGED WAITING 011/ COPY/WORK 012
1/4" = 1'-0"



A1 ENLARGED CUSTOMER SERVICE SUITE
1/4" = 1'-0"



C3 ENLARGED LOBBY 101
1/4" = 1'-0"



A3 ENLARGED CHAMBER 110
1/4" = 1'-0"

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ENLARGED PLANS

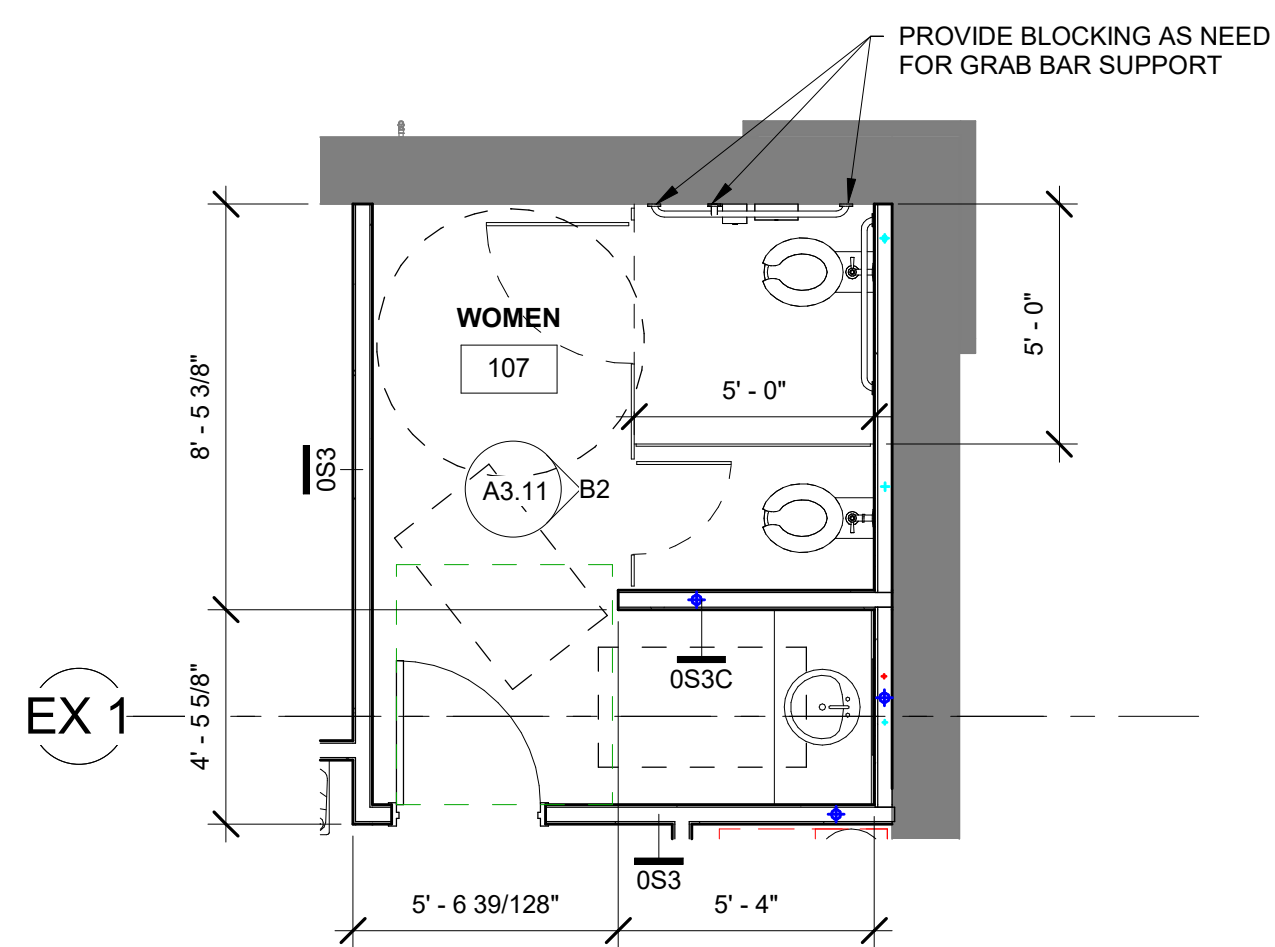
A3.01

D

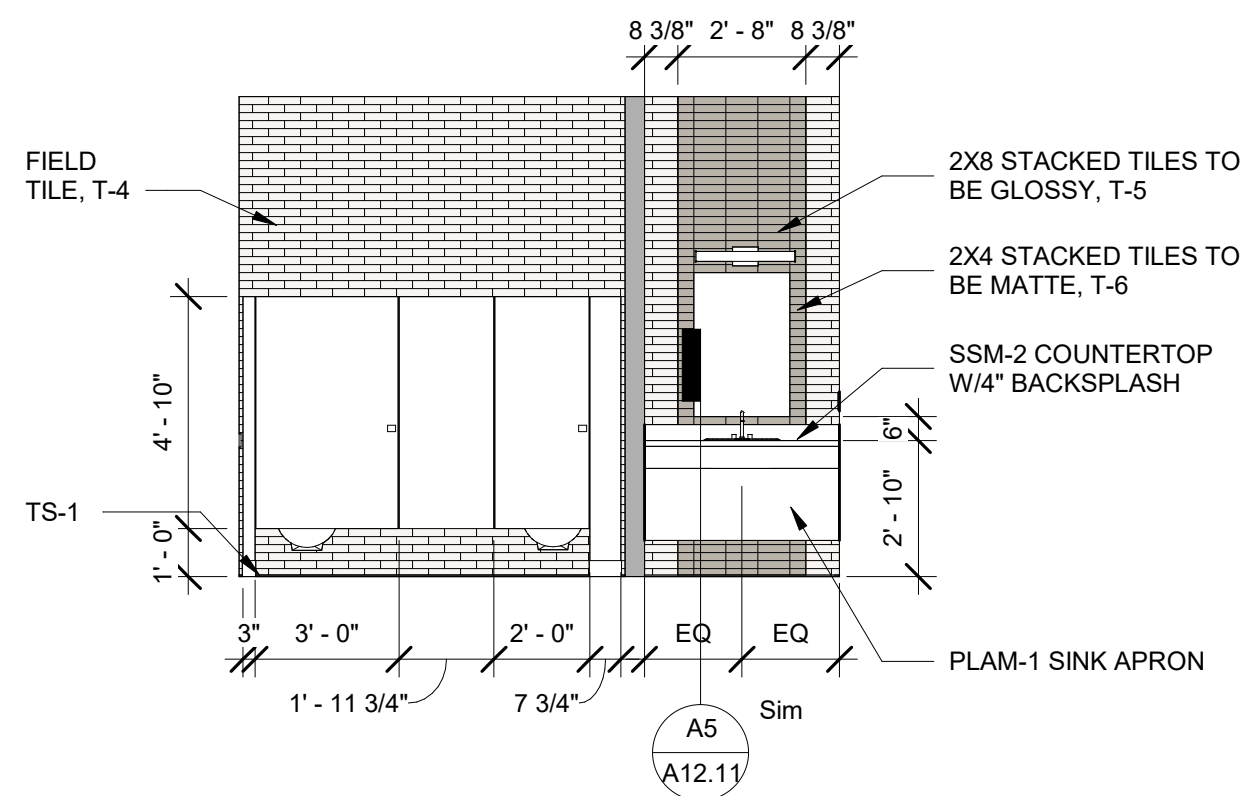
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B

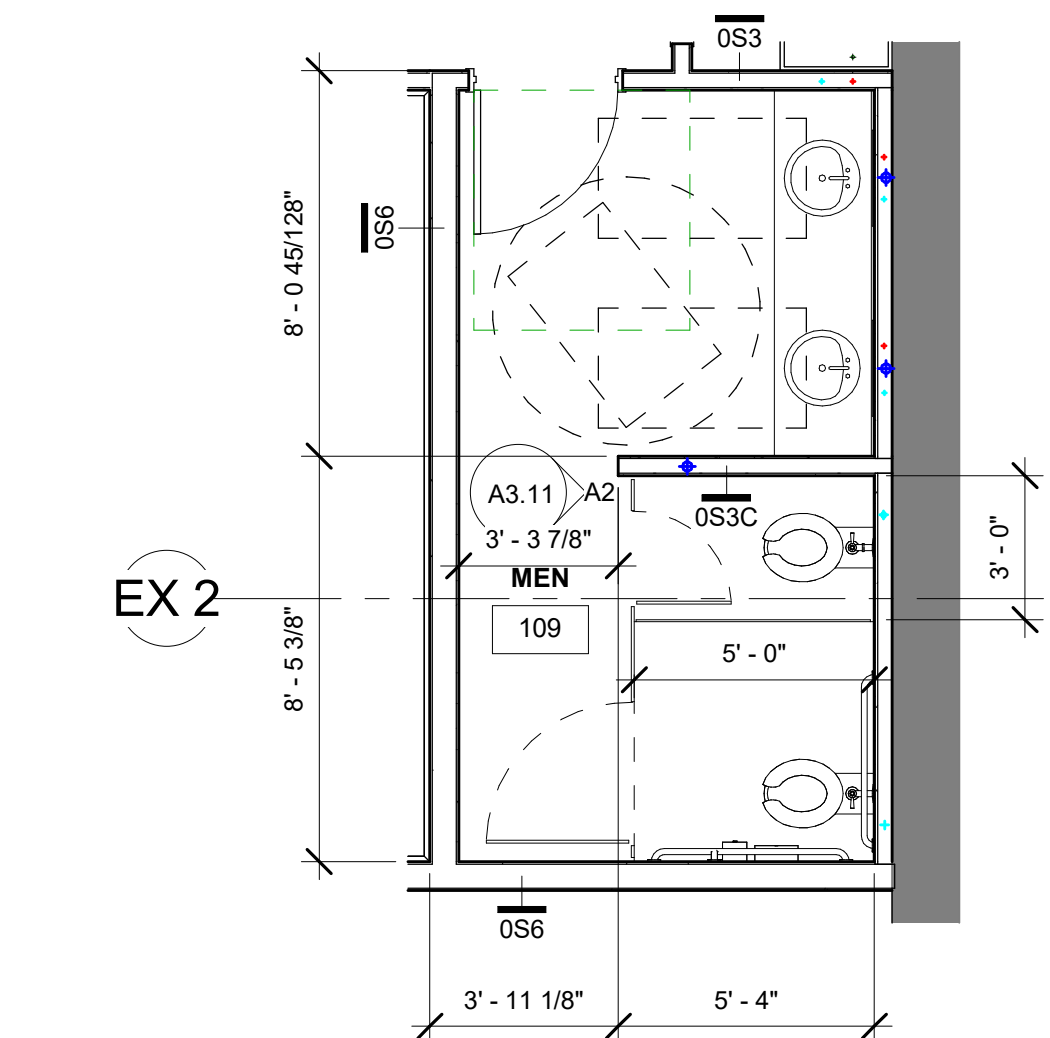
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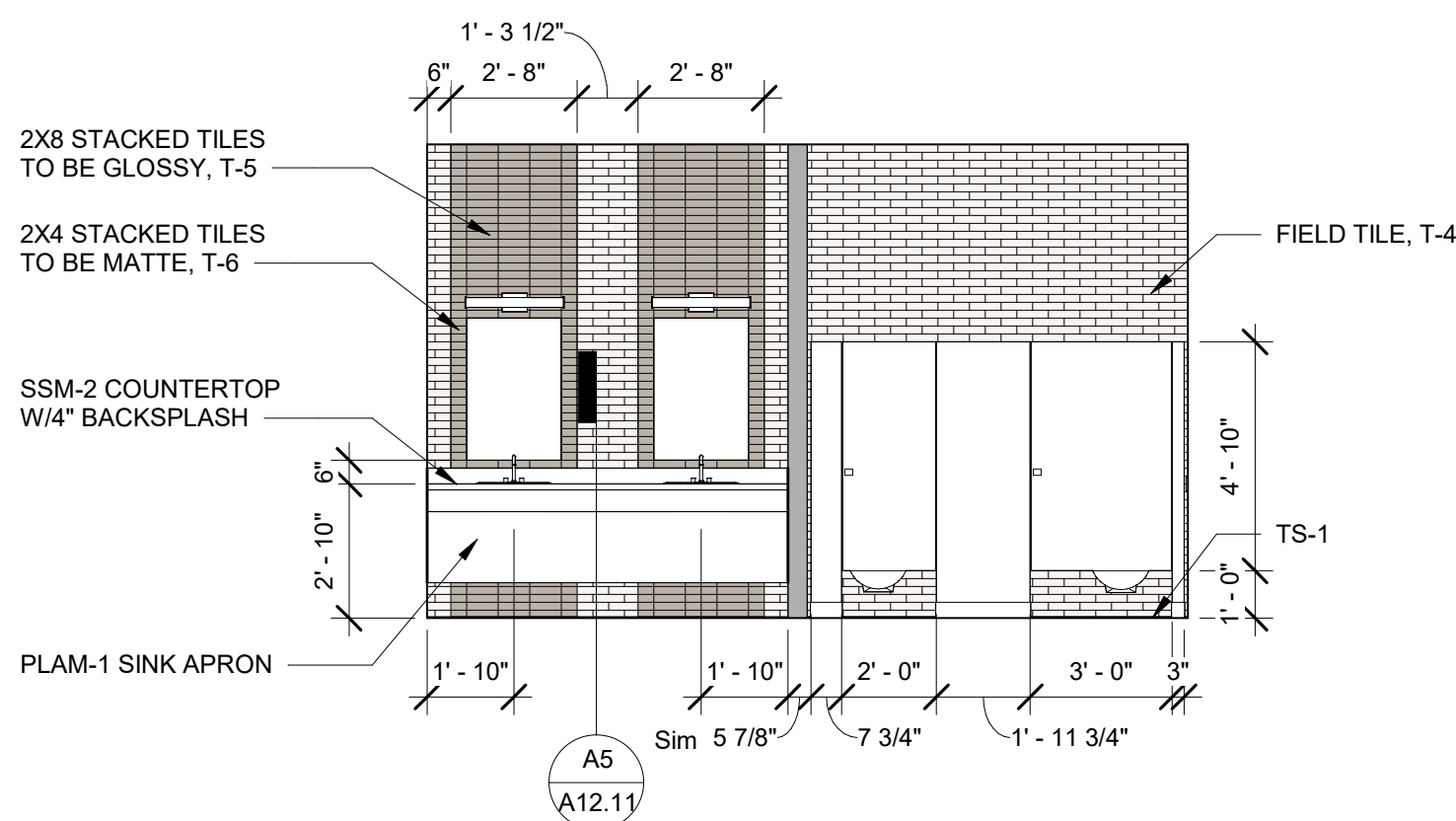
B1 ENLARGED WOMEN 107
1/4" = 1'-0"



B2 WOMEN 107 - EAST
1/4" = 1'-0"

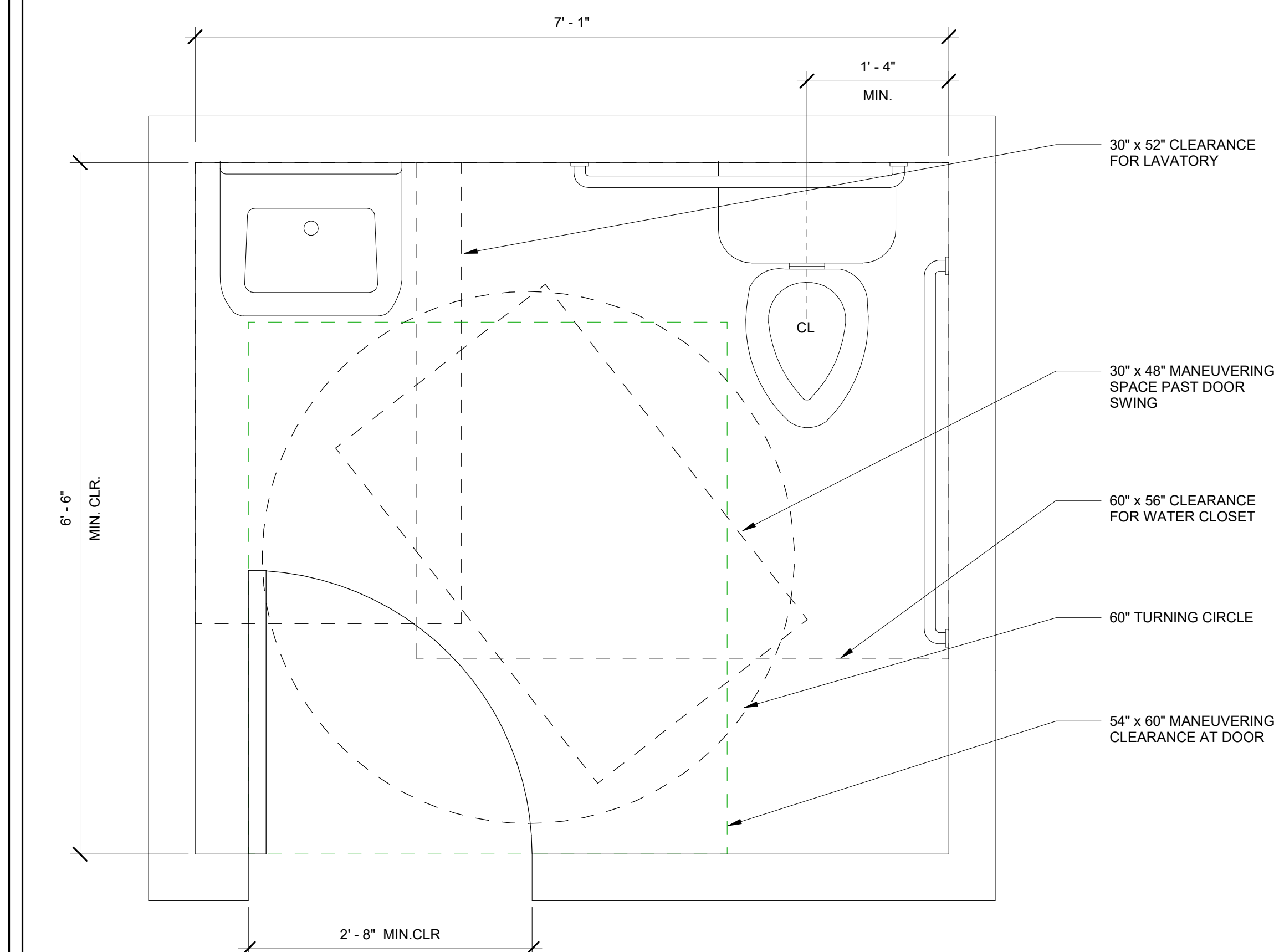


A1 ENLARGED MEN 109
1/4" = 1'-0"



A2 MEN 109 - EAST
1/4" = 1'-0"

ADA COMPLIANT RESTROOM LEGEND



TOILET ACCESSORY SCHEDULE

TA #	DESCRIPTION	MANUFACTURER	MODEL #	NOTES
1	PAPER TOWEL DISPENSER / WASTE RECEPTACLE	BOBRICK	B-3942	SEMI-RECESSED
2	SOAP DISPENSER - WALL	BOBRICK	B-2111	SURFACE-MOUNTED
3	MIRROR	BOBRICK	B-290 2436	24" WIDTH x 36" HEIGHT, 3/4" FRAME, S.S. FINISH
4	TOILET TISSUE DISPENSER	BOBRICK	B-2888	SURFACE-MOUNTED
5	SANITARY NAPKIN DISPOSAL	BOBRICK	B-254	SURFACE-MOUNTED
6	SEAT COVER DISPENSER	BOBRICK	B-221	SURFACE-MOUNTED
7	36" HORIZONTAL GRAB BAR	BOBRICK	B-6806x36	1-1/2" DIAMETER
8	42" HORIZONTAL GRAB BAR	BOBRICK	B-6806x42	1-1/2" DIAMETER
9	18" VERTICAL GRAB BAR	BOBRICK	B-6806x18	1-1/2" DIAMETER
10	BABY CHANGING STATION	BOBRICK	KB300-SS	WALL-MOUNTED
11	BAG HOOK	BOBRICK	310-54-KIT	WALL-MOUNTED

NOTES

- REFER TO ICC A117.1-2009 AND ENLARGED TOILET AND ACCESSORIES SHEET FOR TYPICAL MOUNTING HEIGHTS.
- ALL MANUFACTURERS BASIS FOR DESIGN. SEE SPECIFICATIONS FOR EQUALS.
- O.F.O.I. - OWNER FURNISHED OWNER INSTALLED

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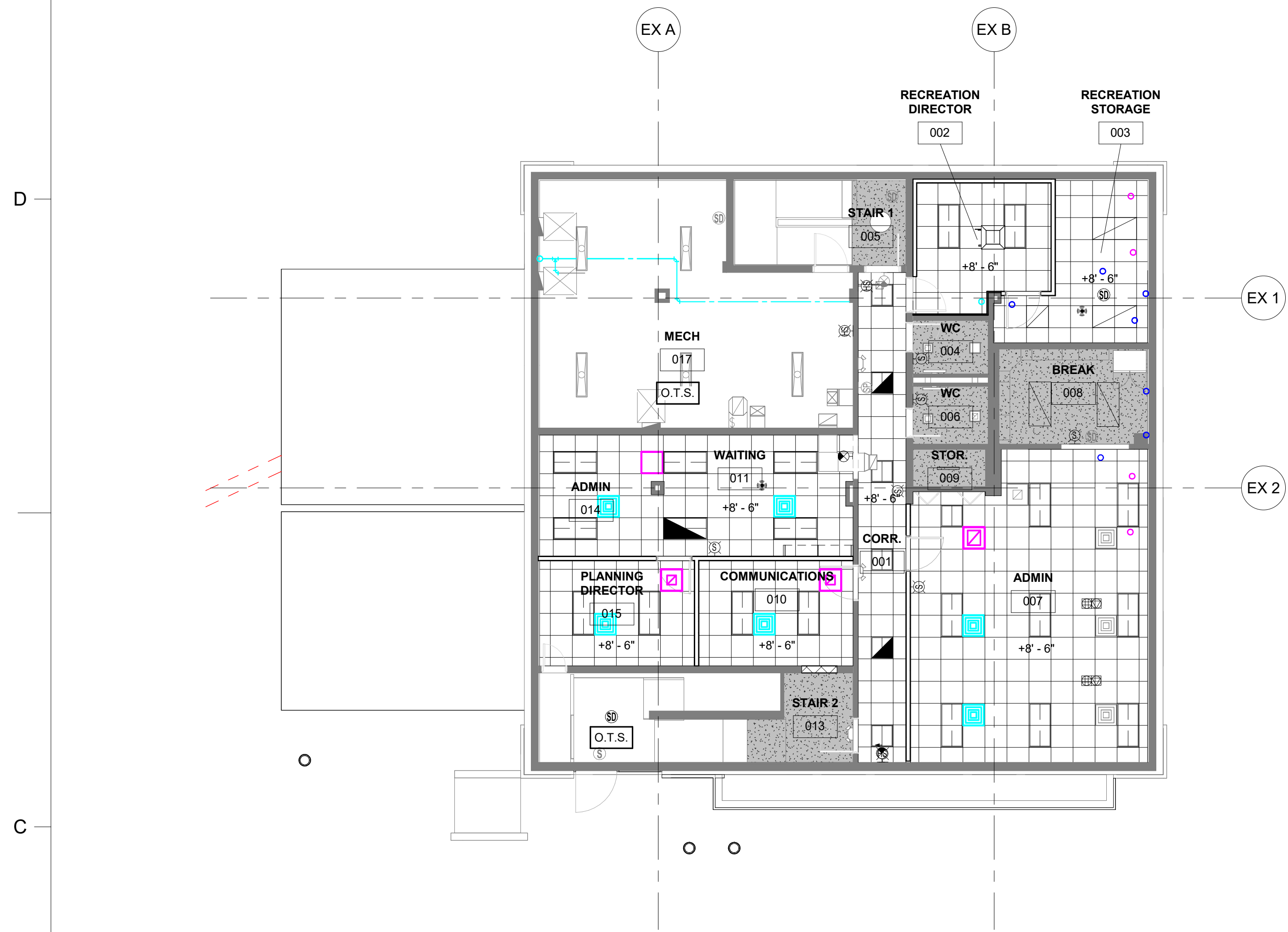
Package: CONSTRUCTION DOCUMENTS

Project Number: 2023-001-02

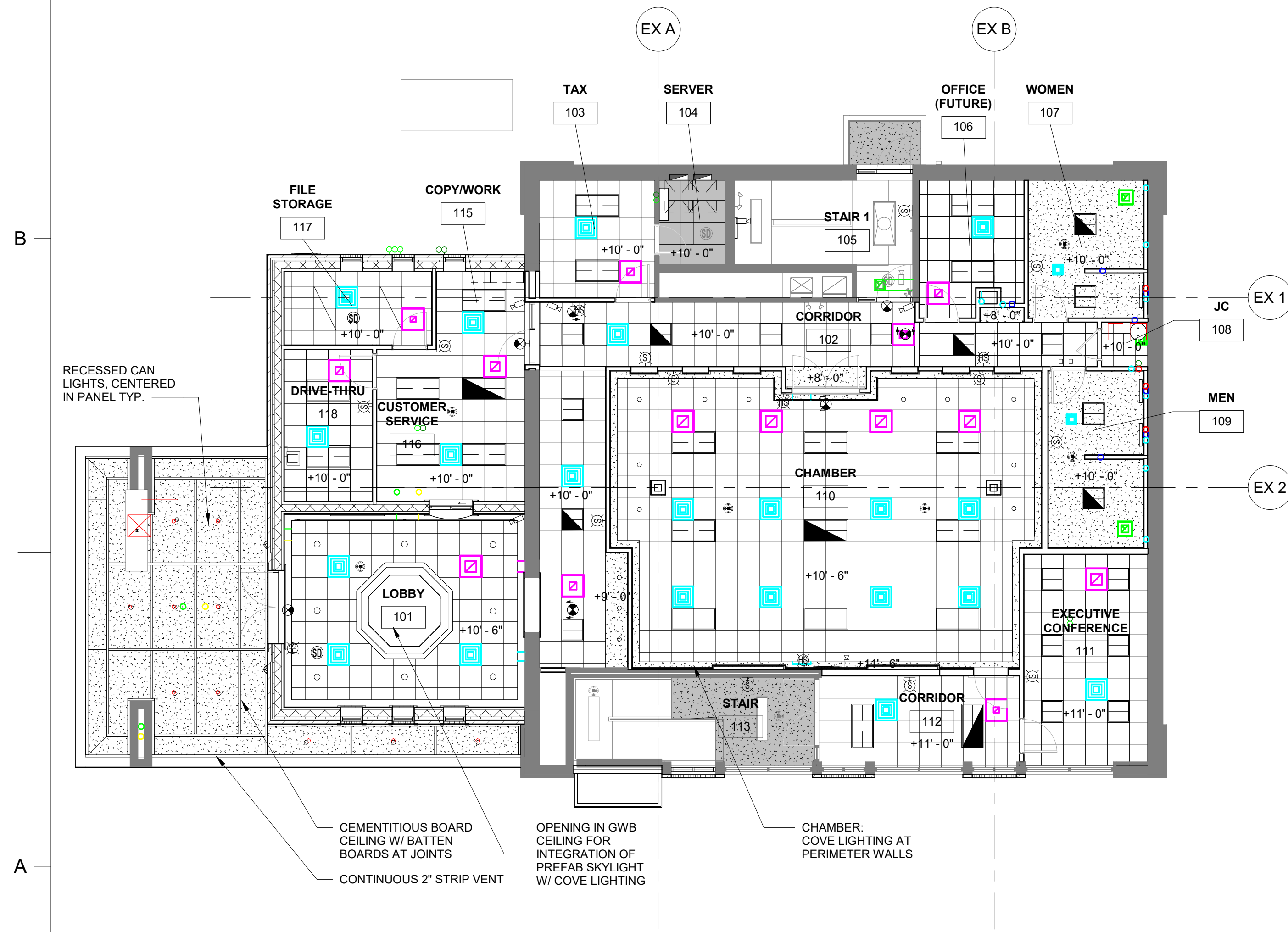
Date: JUNE 23, 2025

ENLARGED
RESTROOM
ACCESSORIES &
ELEVATIONS

A3.11



C1 BASEMENT REFLECTED CEILING PLAN
1/8" = 1'-0"



A1 FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



A3 SECOND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

	2 x 2 ACOUSTICAL PANEL CEILING - EXISTING
	2 x 2 ACOUSTICAL PANEL CEILING
	GYPSUM BOARD CEILING - EXISTING
	GYPSUM BOARD CEILING
O.T.S.	OPEN TO STRUCTURE
+ XX'-XX"	CEILING HEIGHT ABOVE FINISHED FLOOR

NOTES

- REFER TO DETAILS & SPECIFICATIONS FOR CEILING SUSPENSION/ANCHOR INFORMATION.
- REFER TO SPECIFICATIONS FOR ACOUSTICAL PANEL CEILING GRID TYPE.
- REFER TO MEP DRAWINGS FOR SYMBOL IDENTIFICATION.
- REFER TO UL SYSTEMS SHEET FOR HORIZONTAL RATED ASSEMBLIES.
- REFER TO SPECIFICATIONS FOR ACOUSTICAL PANEL CEILING LAYOUT UNLESS DIMENSIONED ON REFLECTED CEILING PLANS.

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REFLECTED CEILING PLANS

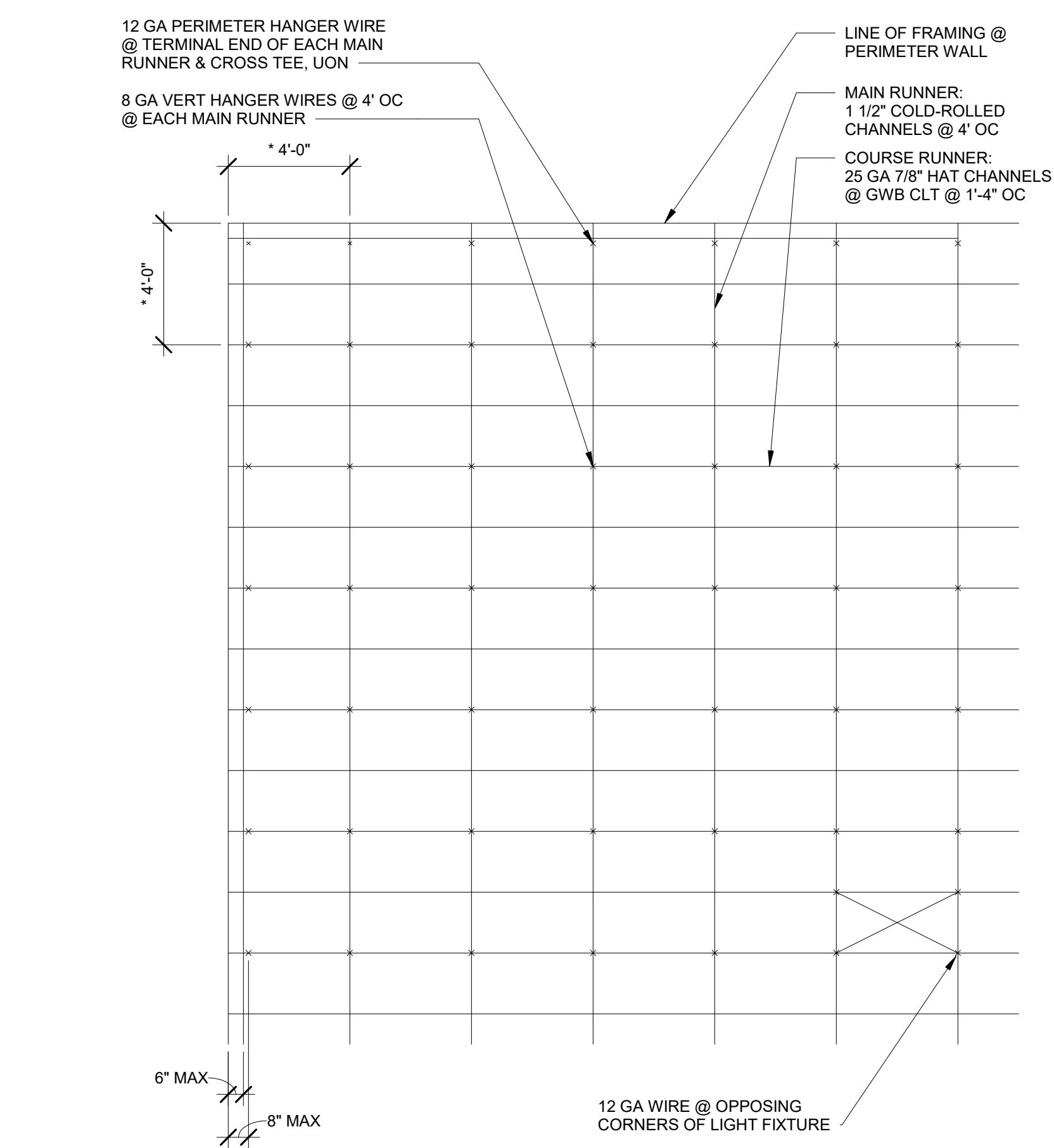
A4.01

LEGEND

	TRUE NORTH
	PLAN NORTH
	EXISTING WALL TO REMAIN
	NEW WALL

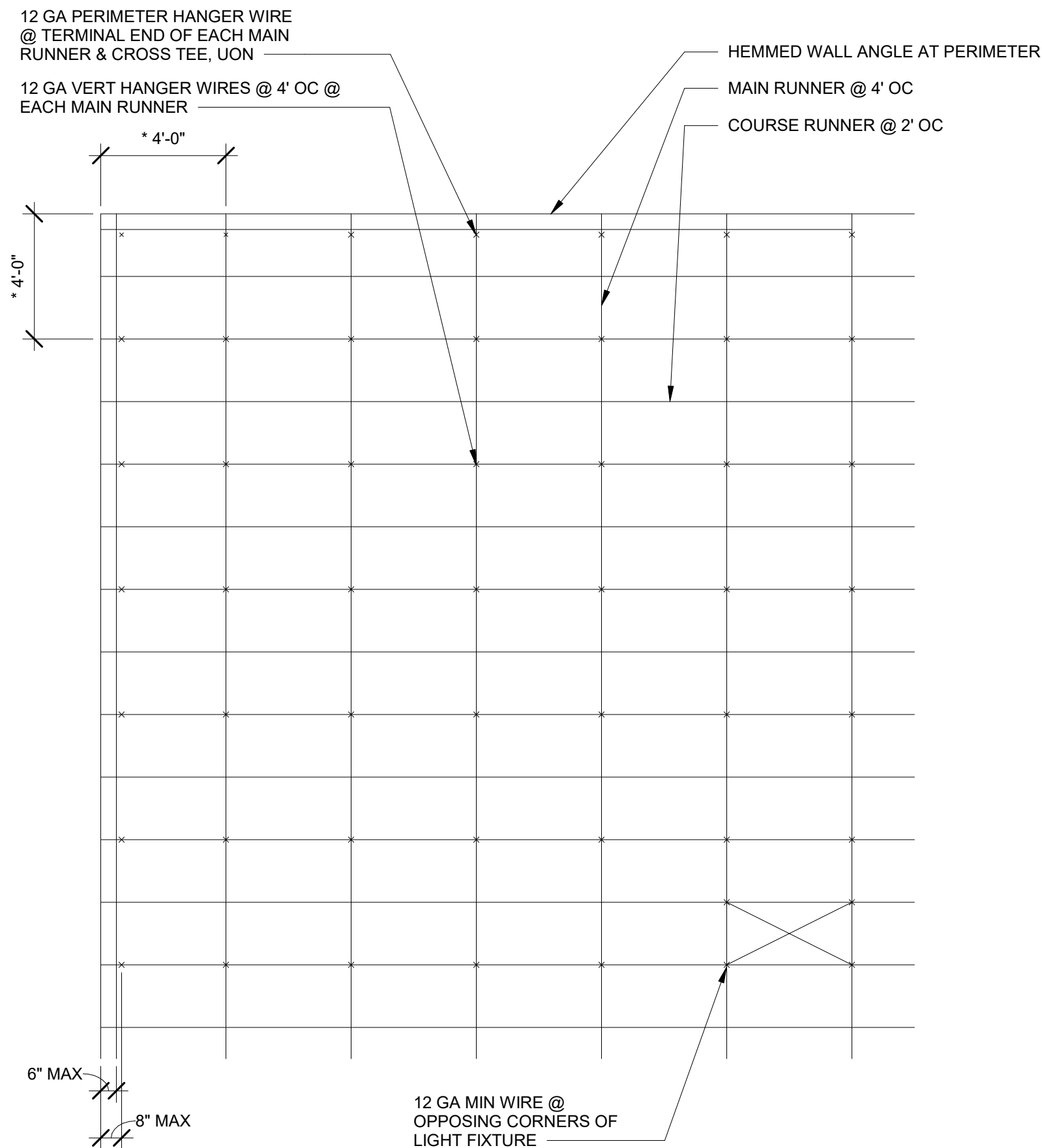
D

C



- NOTES:
- * MAX DISTANCE TO FIRST BRACING POINT
 - PROVIDE COUNTER SLOPING WIRES FOR VERT HANGER WIRES MORE THAN 6 IN 1 OUT-OF-PLUMB
 - ATTACH EACH VERT WIRE TO SUPPORT ABOVE & CEILING SUSPENSION MEMBER W/ MIN OF 3 TIGHT TURNS IN 1 1/2"
 - SECURE DIAGONAL FRAMIN WIRE TO MAIN RUNNERS W/ 4 TIGHT TURNS IN 1 1/2"

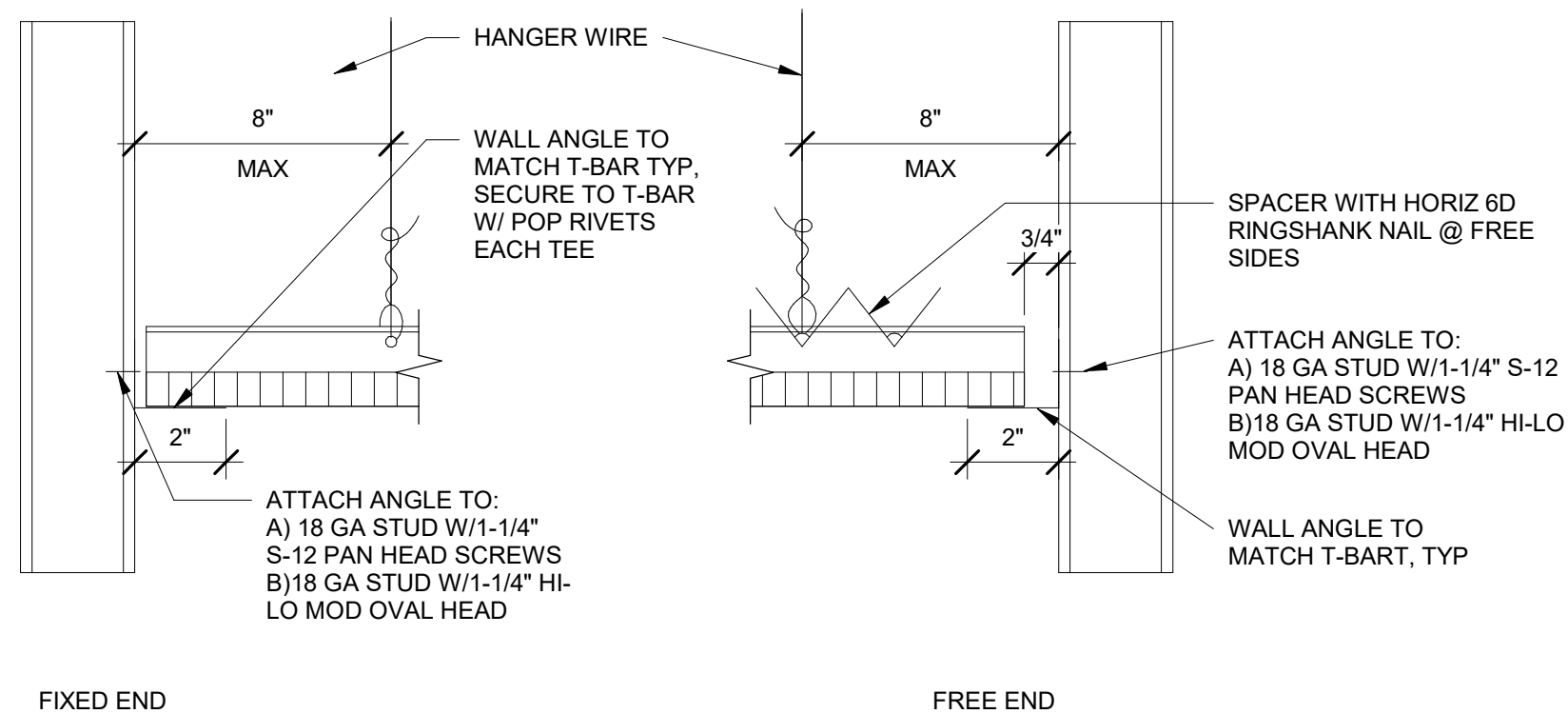
C1 TYPICAL GWB CEILING FRAMING
1/4" = 1'-0"



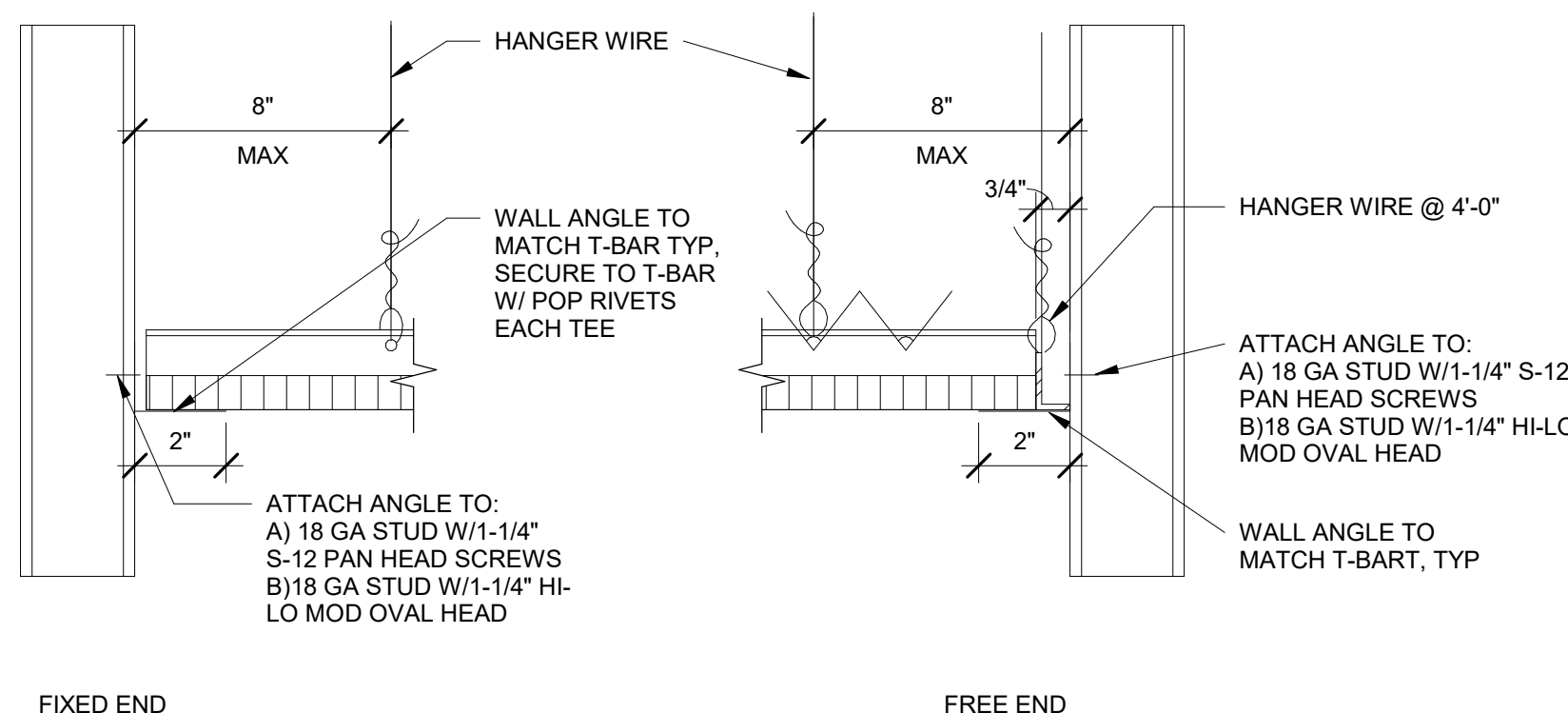
- NOTES:
- * MAX DISTANCE TO FIRST BRACING POINT
 - PROVIDE COUNTER SLOPING WIRES FOR VERT HANGER WIRES MORE THAN 6 IN 1 OUT-OF-PLUMB
 - ATTACH EACH VERT WIRE TO SUPPORT ABOVE & CEILING SUSPENSION MEMBER W/ MIN OF 3 TIGHT TURNS IN 1 1/2"
 - SECURE DIAGONAL FRAMIN WIRE TO MAIN RUNNERS W/ 4 TIGHT TURNS IN 1 1/2"

C2 TYPICAL ACOUSTICAL CEILING GRID
1/4" = 1'-0"

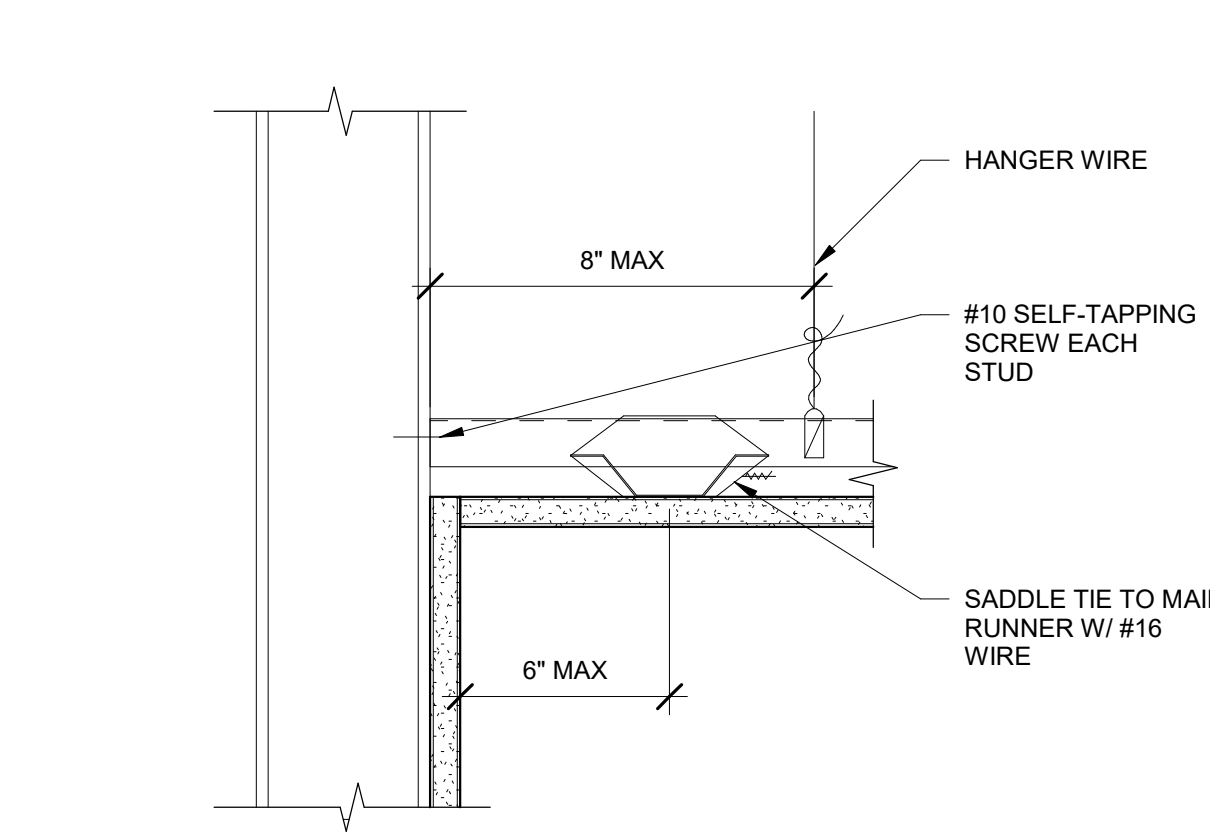
D4 TYPICAL A.C.T. EDGE AT ROOM
3" = 1'-0"



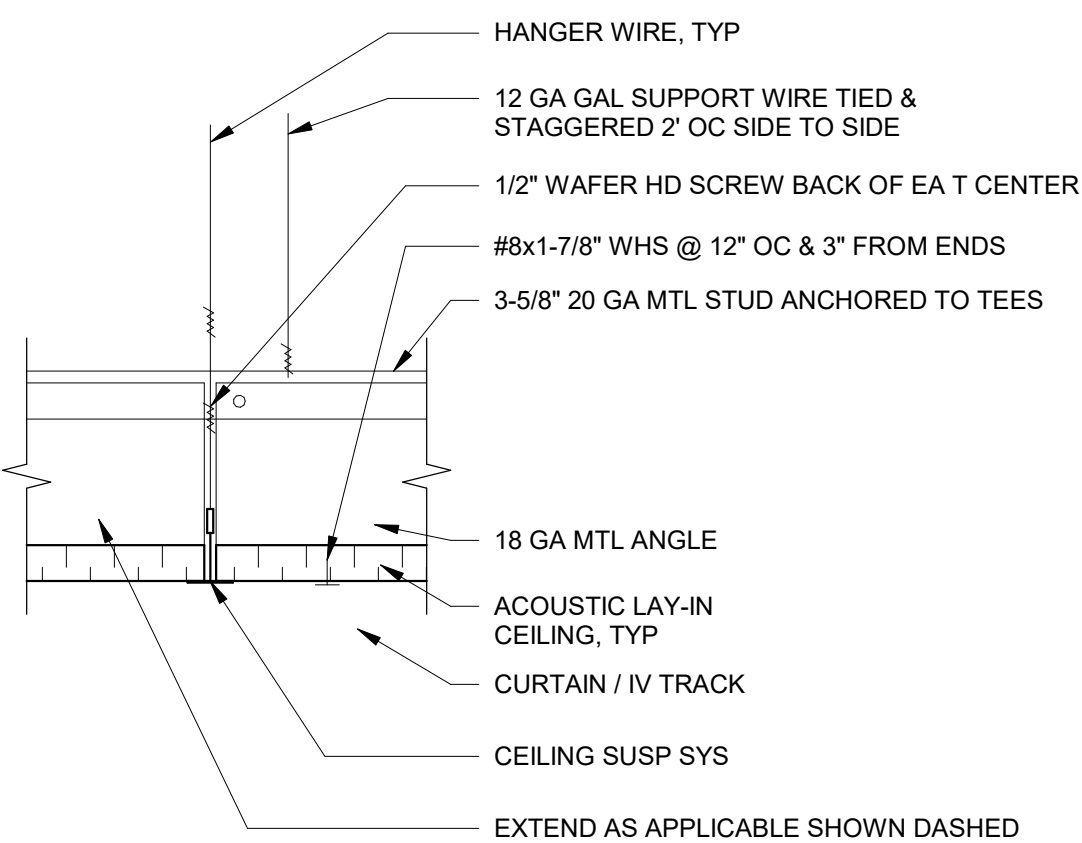
C4 TYPICAL A.C.T. EDGE AT CORRIDOR
3" = 1'-0"



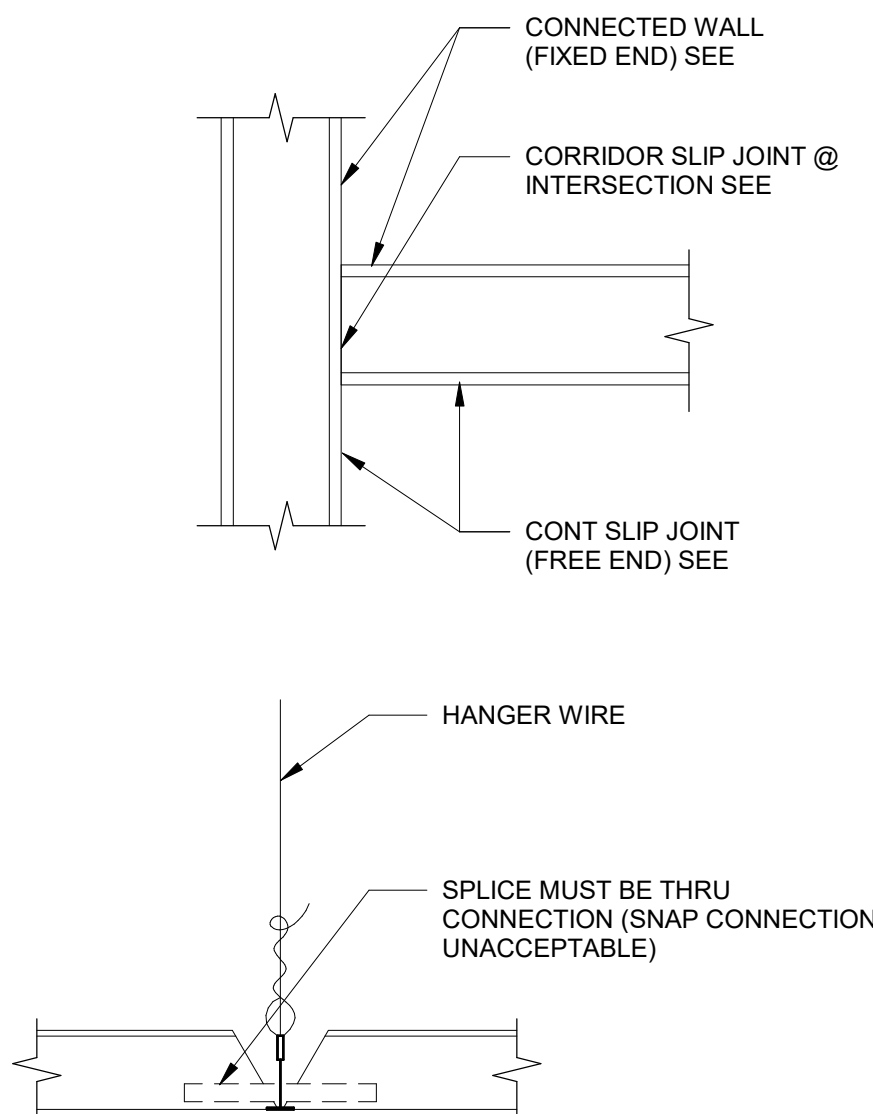
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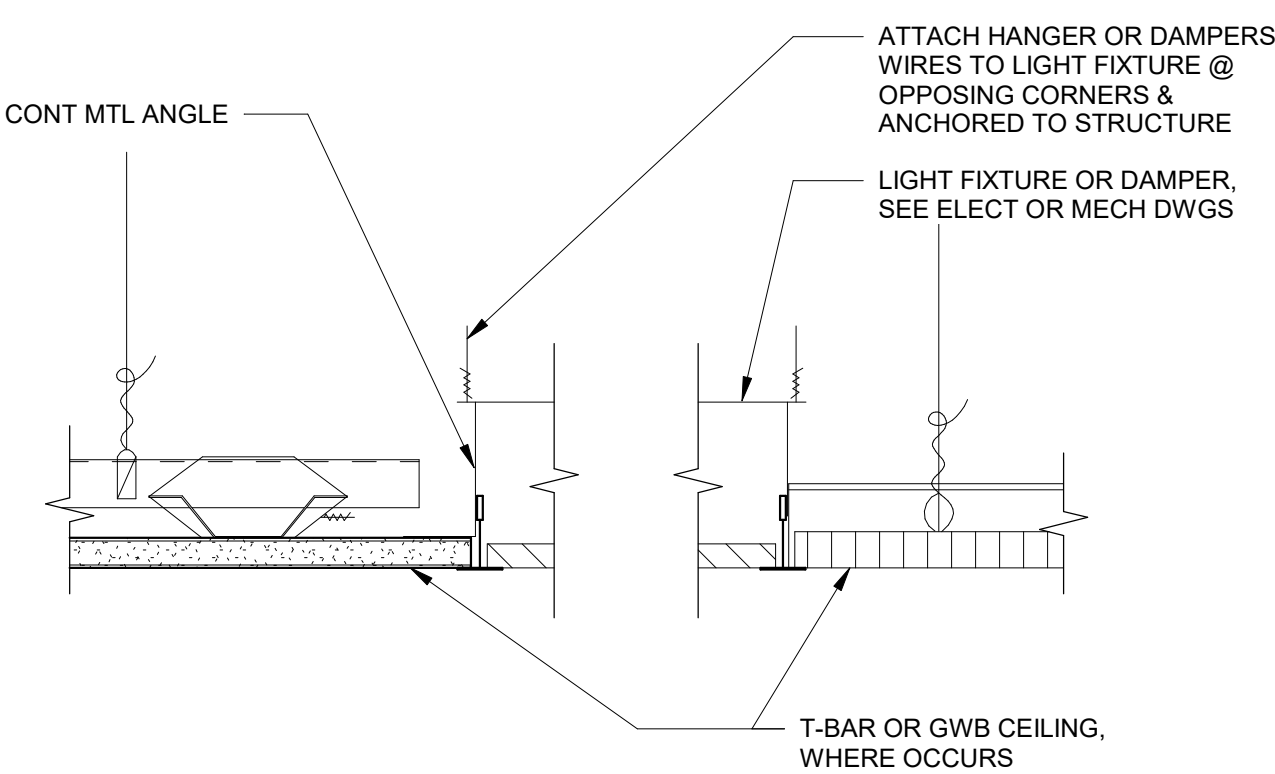
B1 GWB CEILING - END
3" = 1'-0"



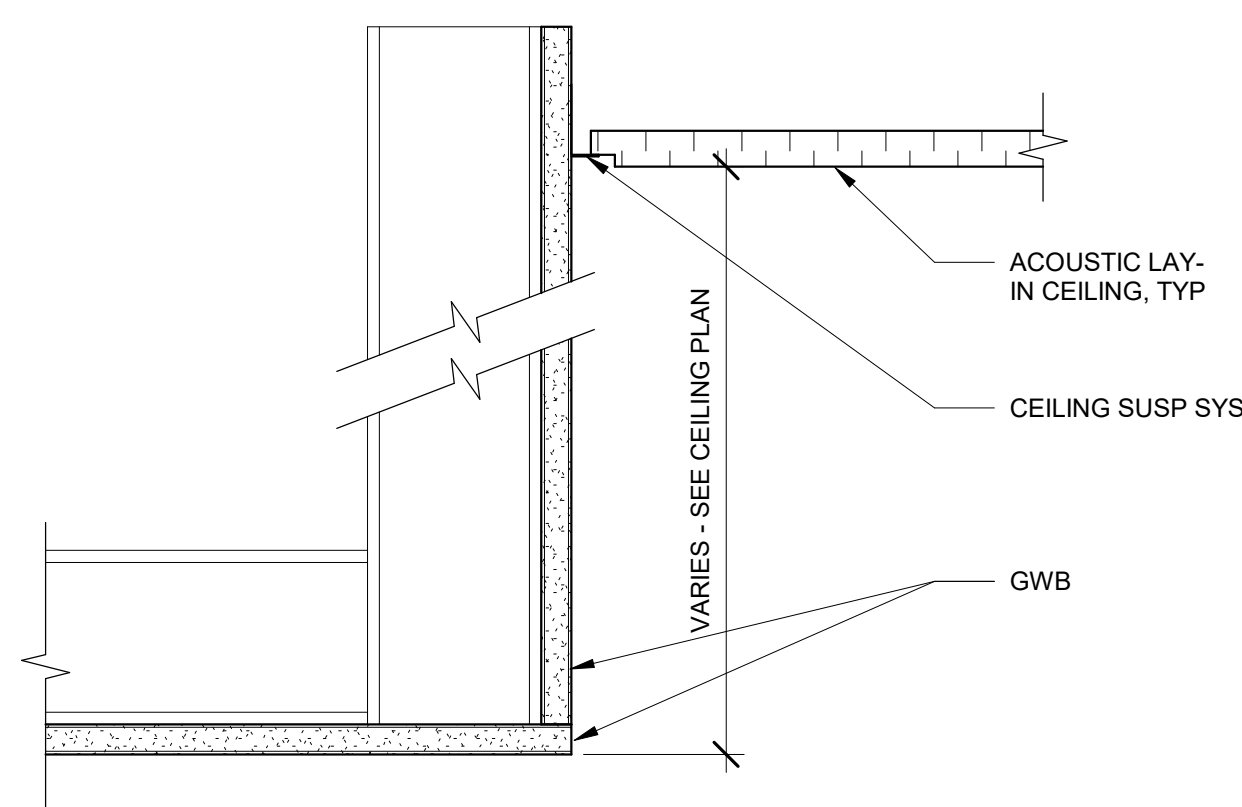
B2 TRACK AT ACOUST. TILE CEILING
3" = 1'-0"



B3 TYPICAL SLIP JOINT AND RUNNER
3" = 1'-0"

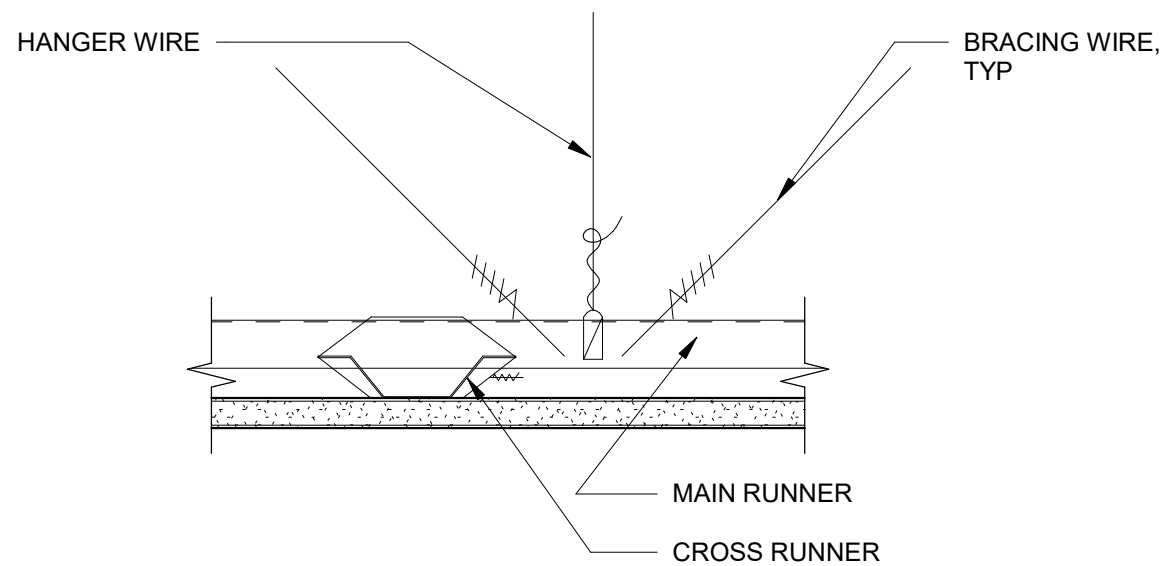


B4 TYPICAL LIGHT FIXTURE
3" = 1'-0"

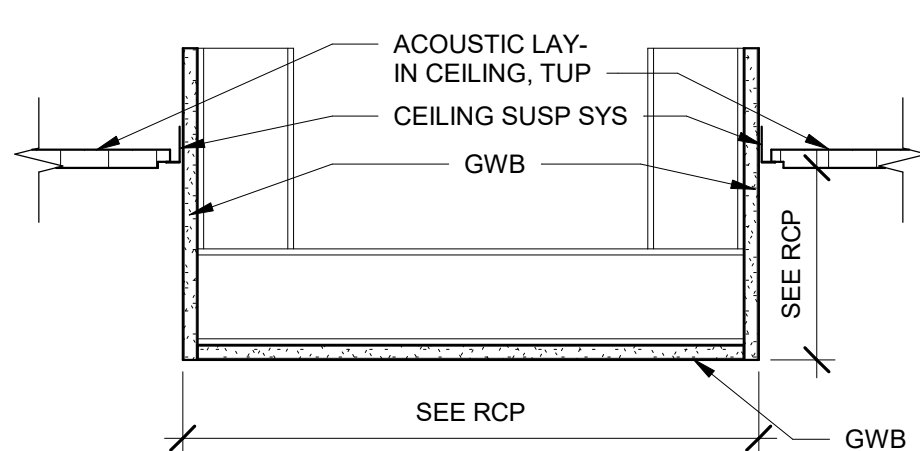


B5 TYPICAL SOFFIT DETAIL
3" = 1'-0"

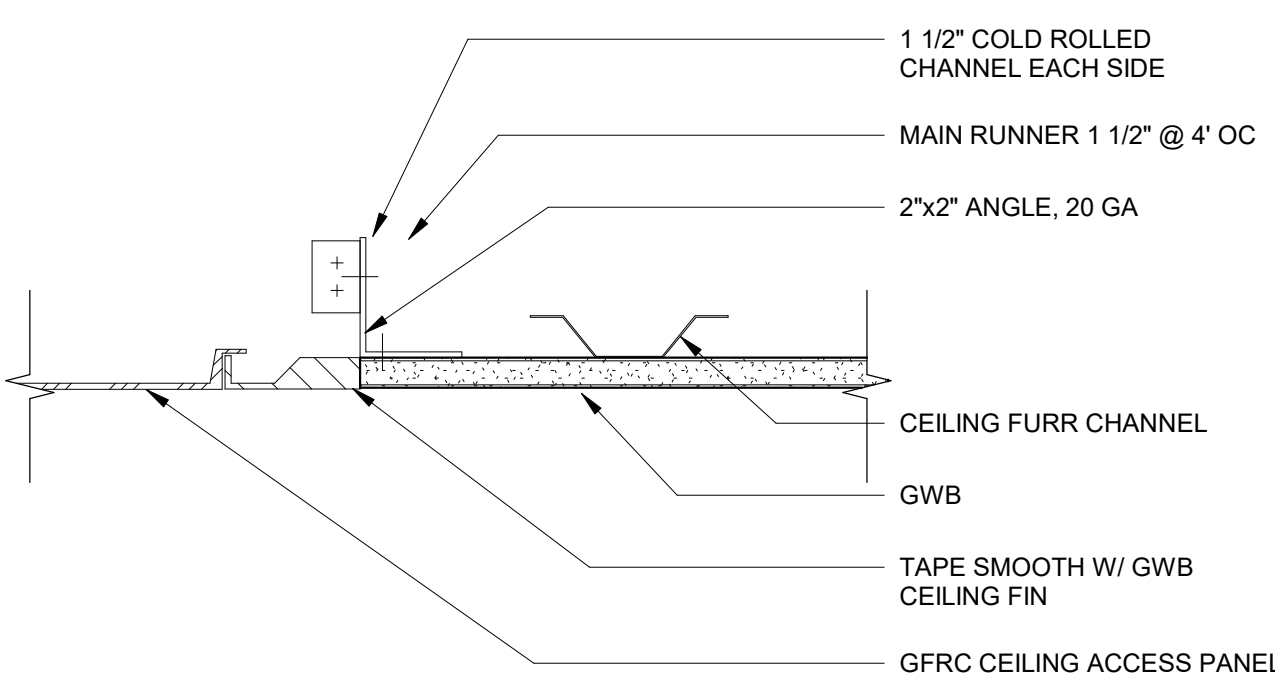
A



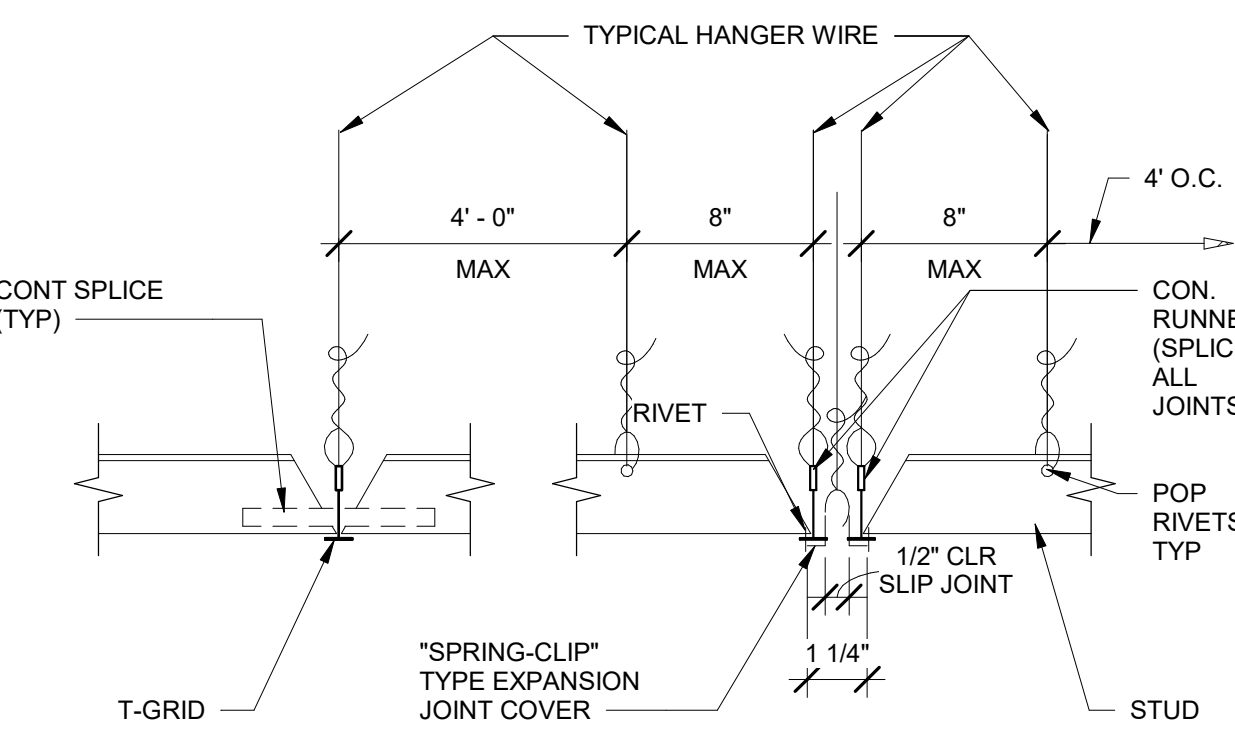
A1 GWB CEILING - INTERMEDIATE
3" = 1'-0"



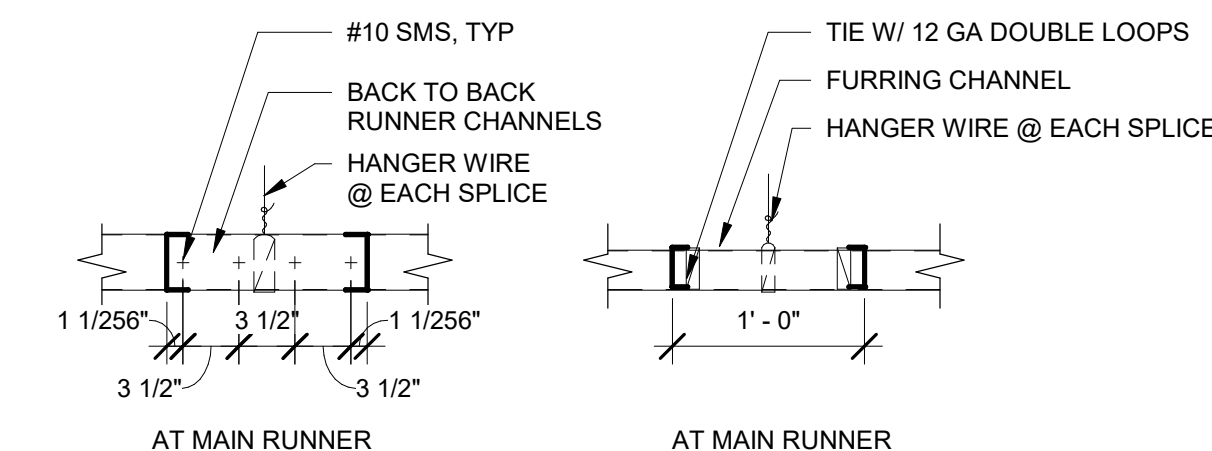
A2 TYPICAL BULKHEAD
1 1/2" = 1'-0"



A3 ACCESS PANEL AT GWB CEILING
3" = 1'-0"



A4 TYPICAL SLIP JOINT AT CORR. INTERSECTION
3" = 1'-0"



A6 SPLICING OF GWB CEILING
1" = 1'-0"

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CANTON TOWN HALL

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TYPICAL CEILING DETAILS

A4.11

D

C

B

A

1

2

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4

5



JUNE 23, 2025



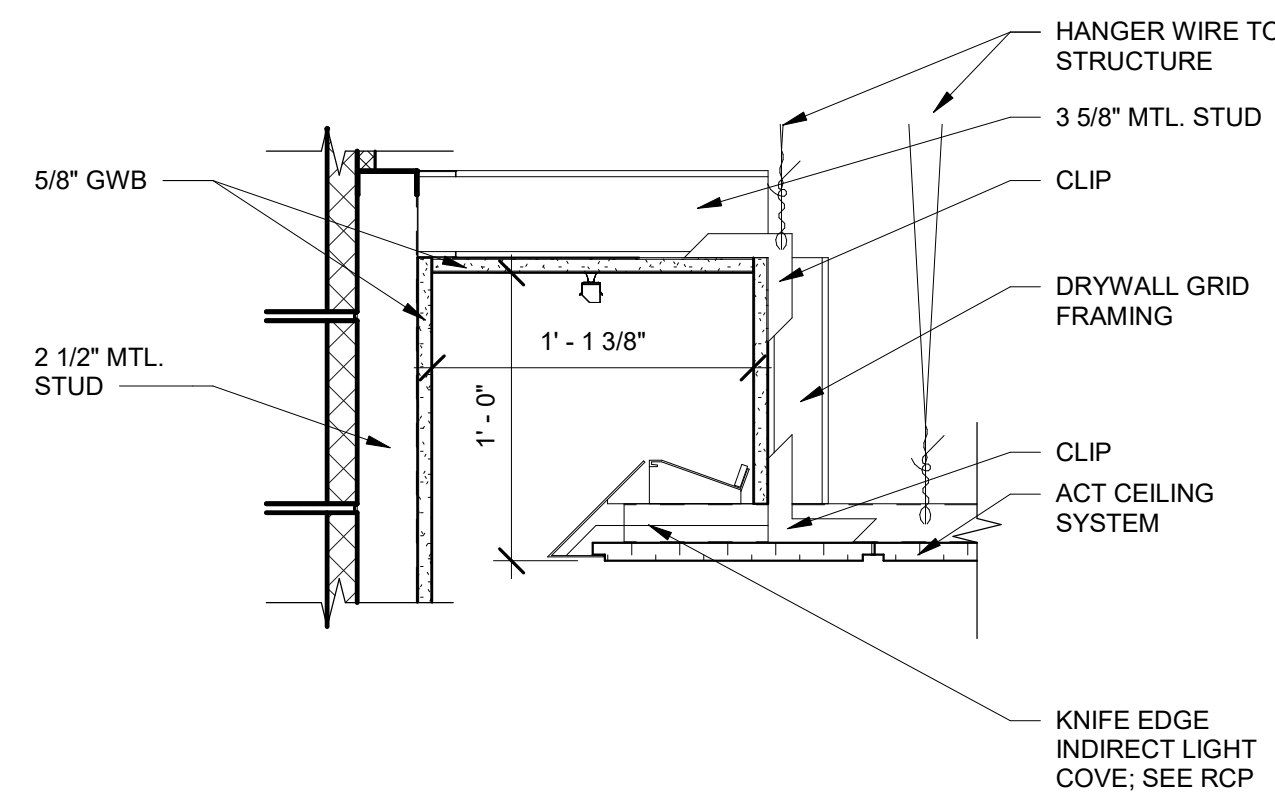
CANTON TOWN HALL

No.	Description	Date

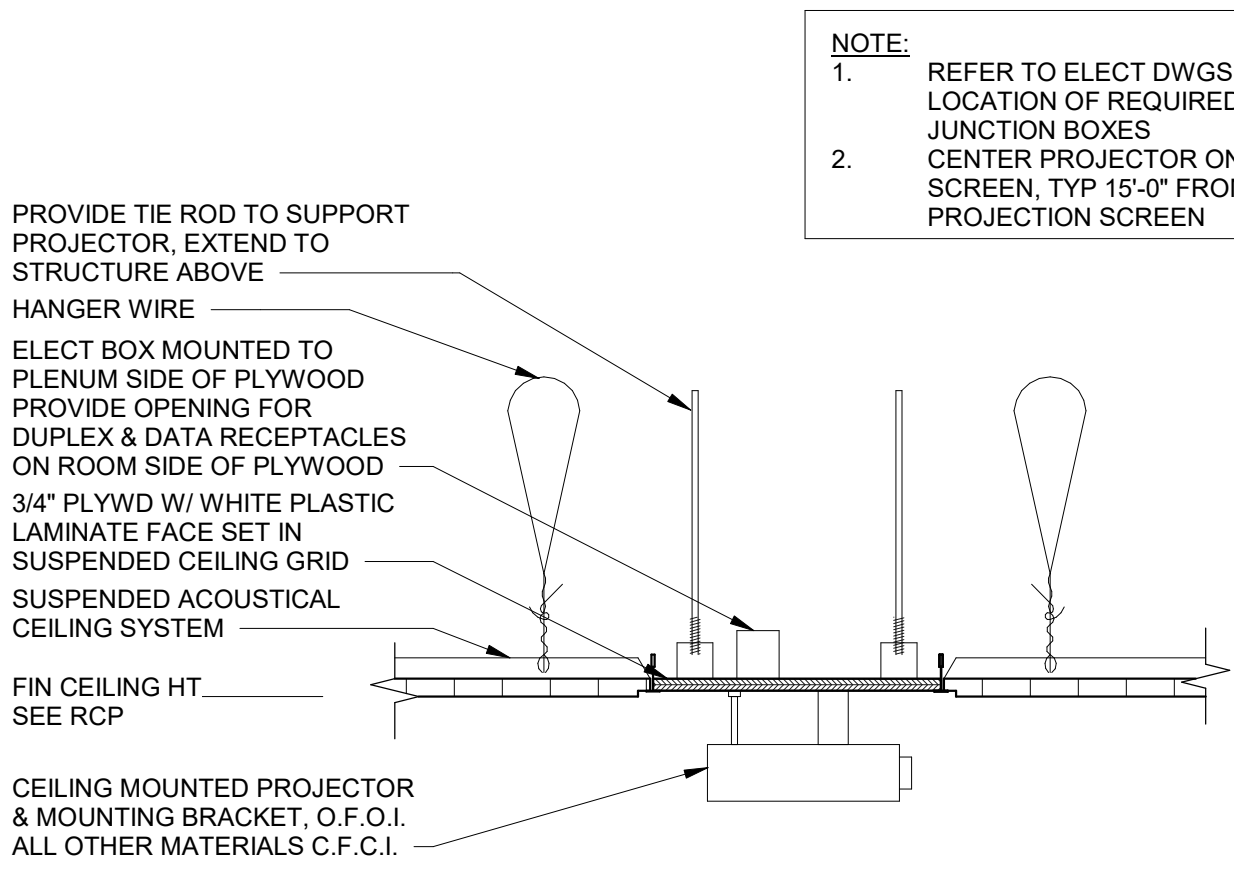
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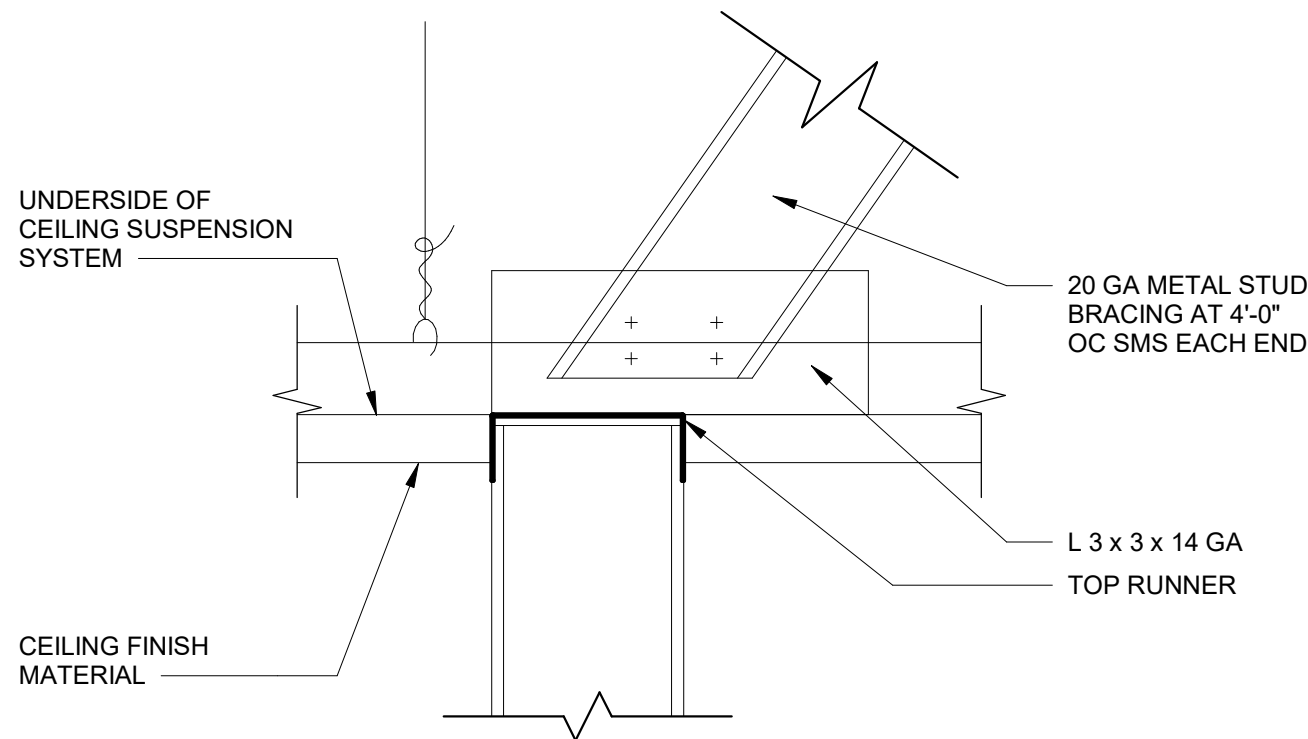
Date: JUNE 23, 2025



A3 KNIFE-EDGE LIGHT COVE
1 1/2" = 1'-0"

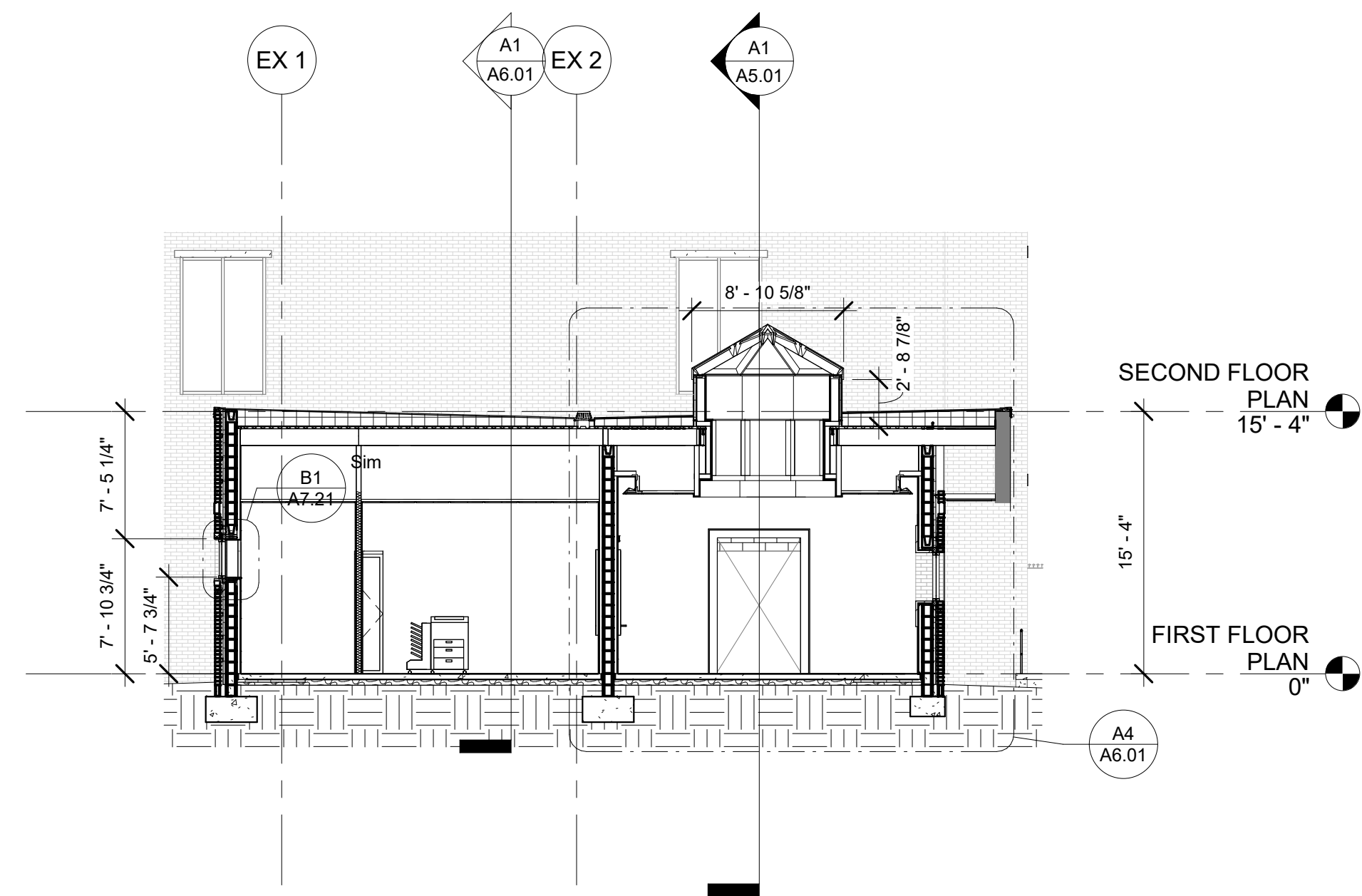


A4 CEILING MOUNTED PROJECTOR
1 1/2" = 1'-0"



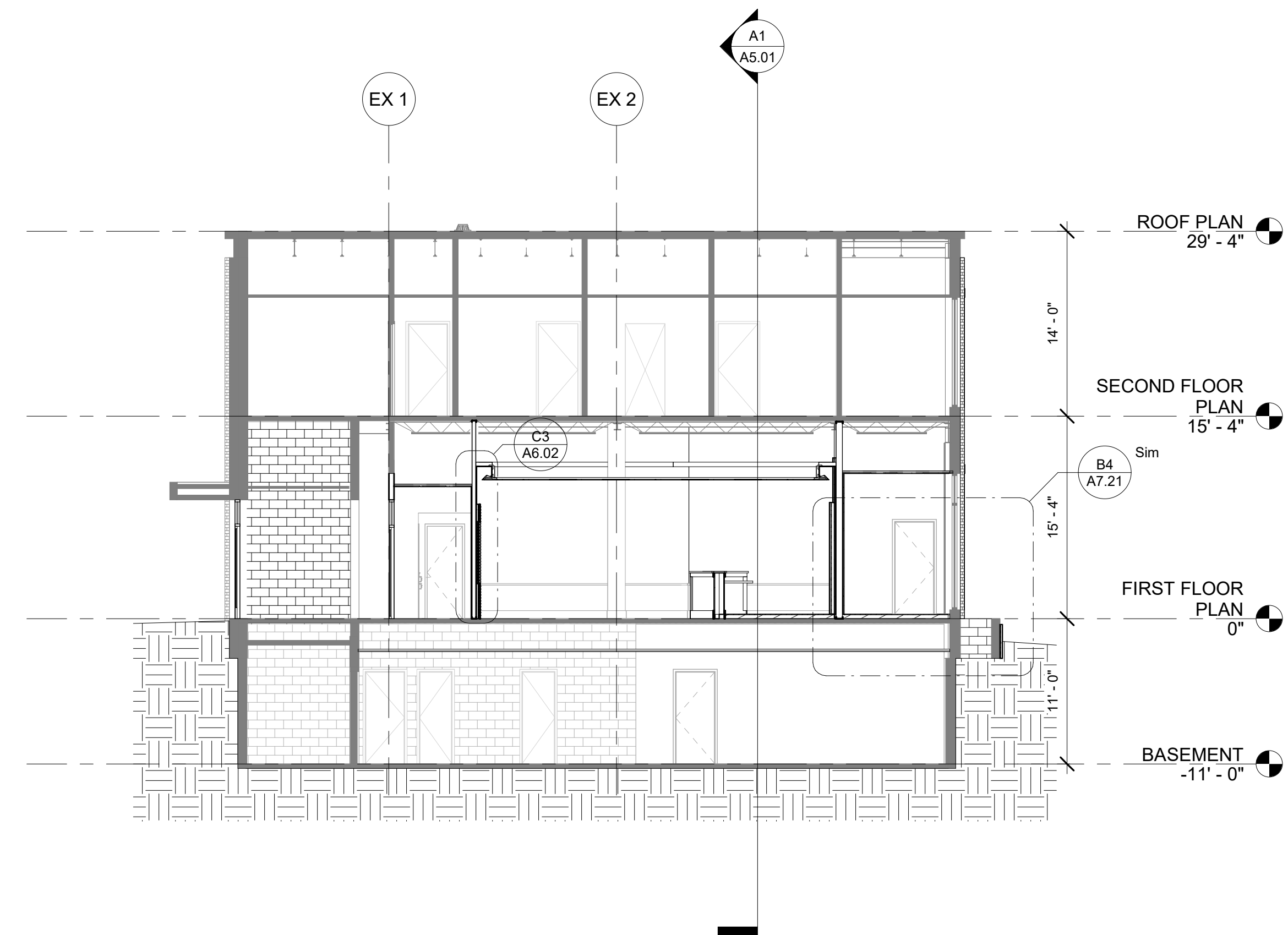
A5 CEILING HEIGHT PARTITION BRACE
3" = 1'-0"

D



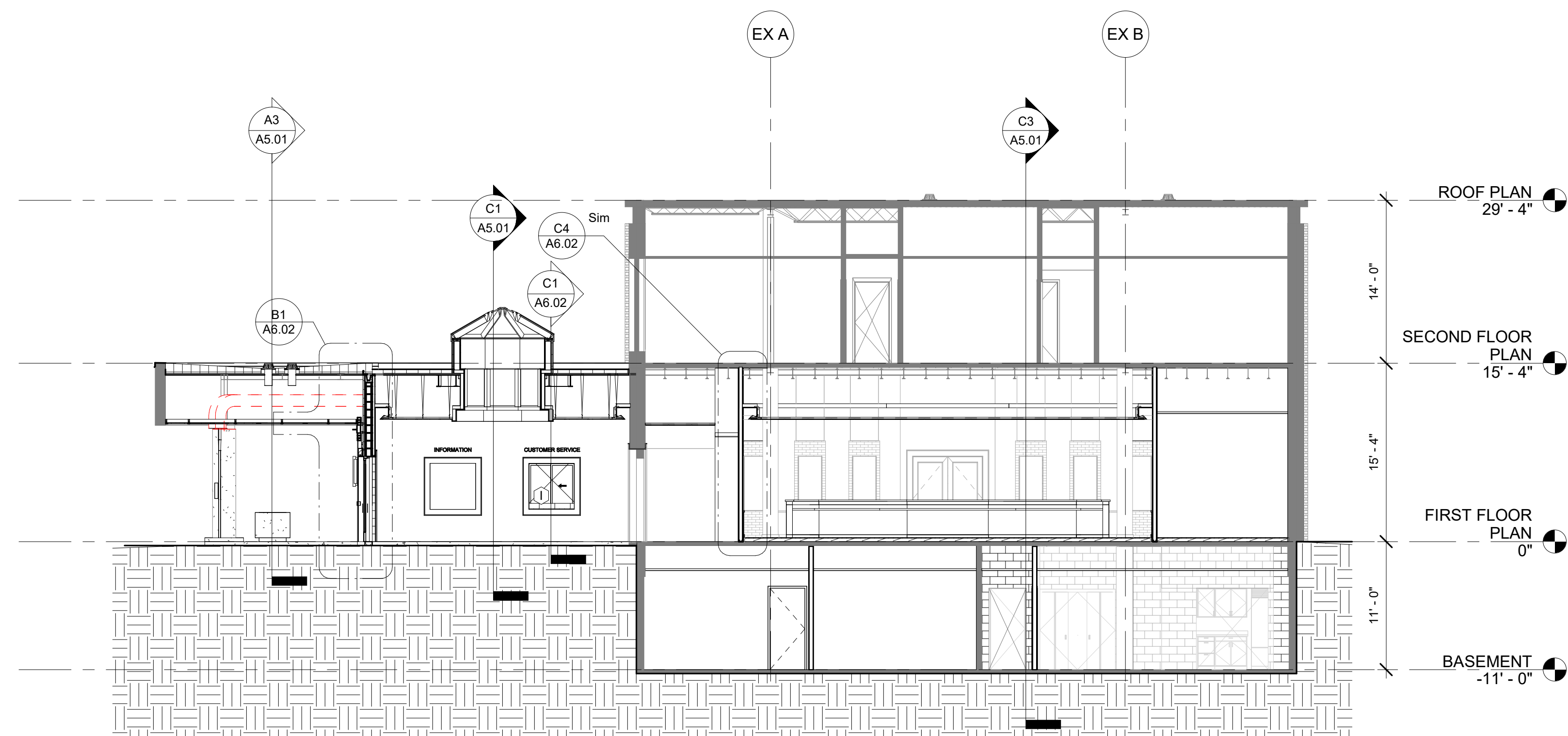
C1 BUILDING SECTION 01
1/8" = 1'-0"

C



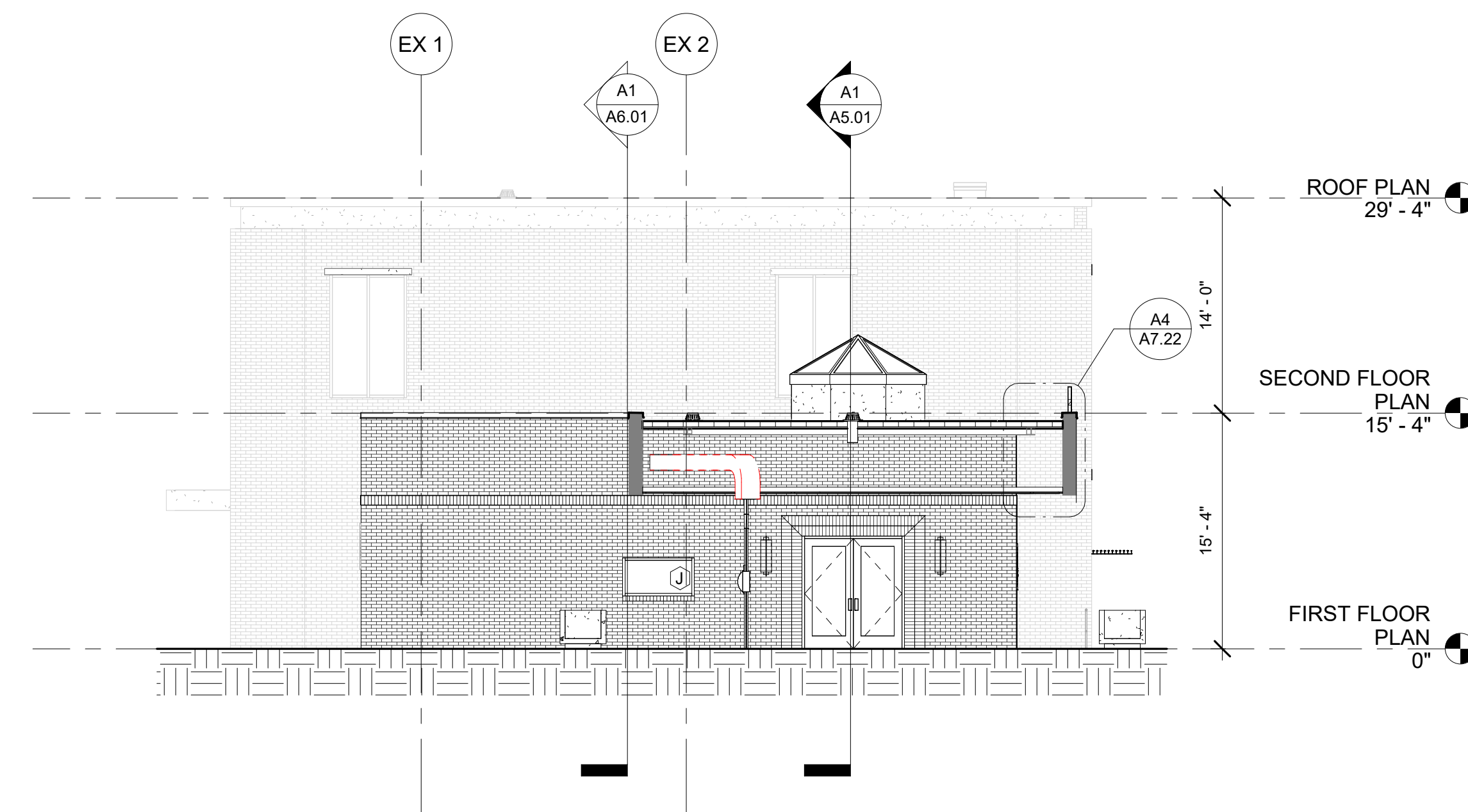
C3 SECTION @ EXISTING BUILDING
1/8" = 1'-0"

B



A1 BUILDING SECTION 02
1/8" = 1'-0"

A



A3 SECTION @ DRIVE THRU
1/8" = 1'-0"

3

4

5



JUNE 23, 2025



CANTON TOWN HALL

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BUILDING SECTIONS

A5.01



JUNE 23, 2025



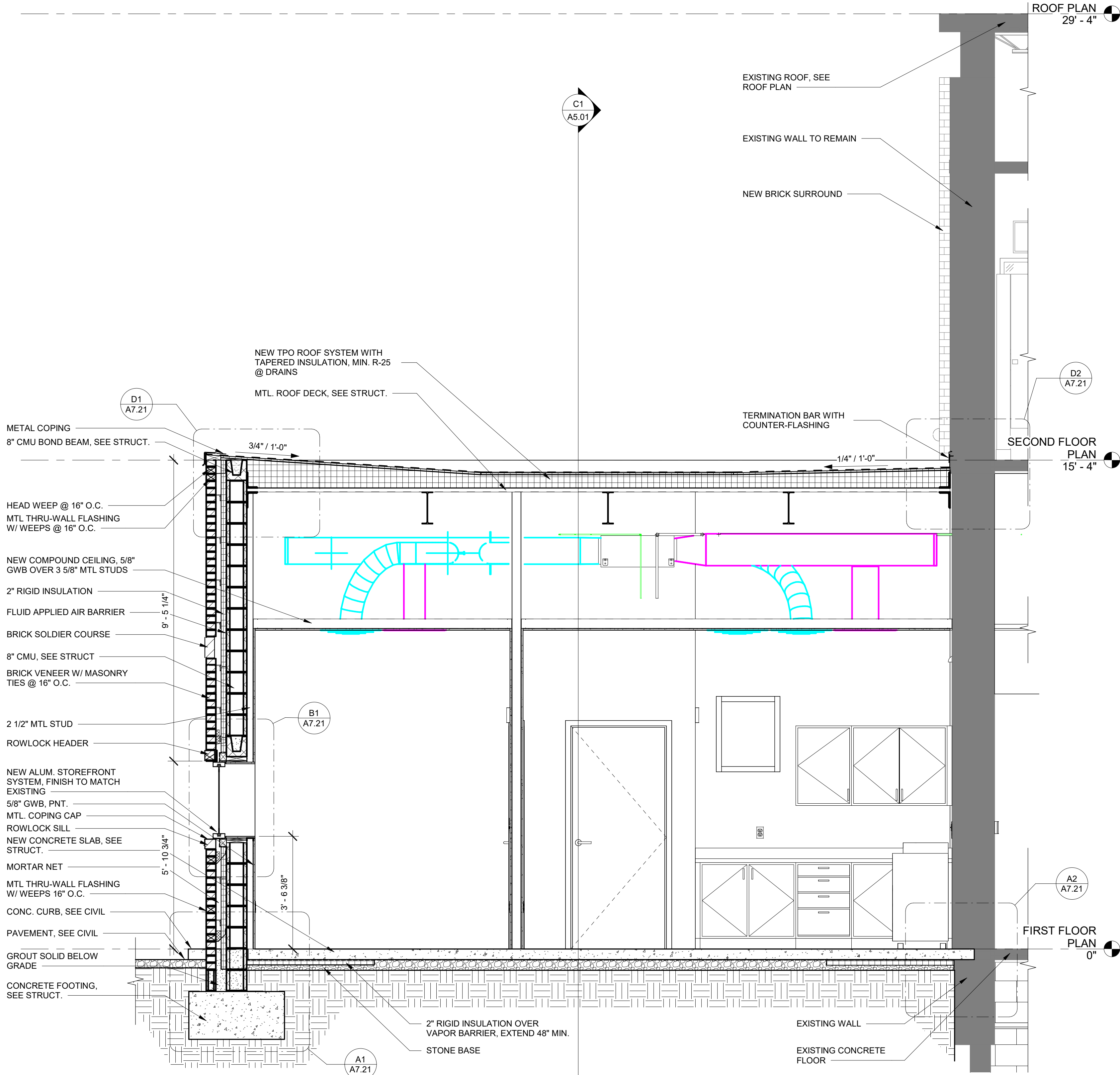
CANTON TOWN HALL

No.	Description	Date

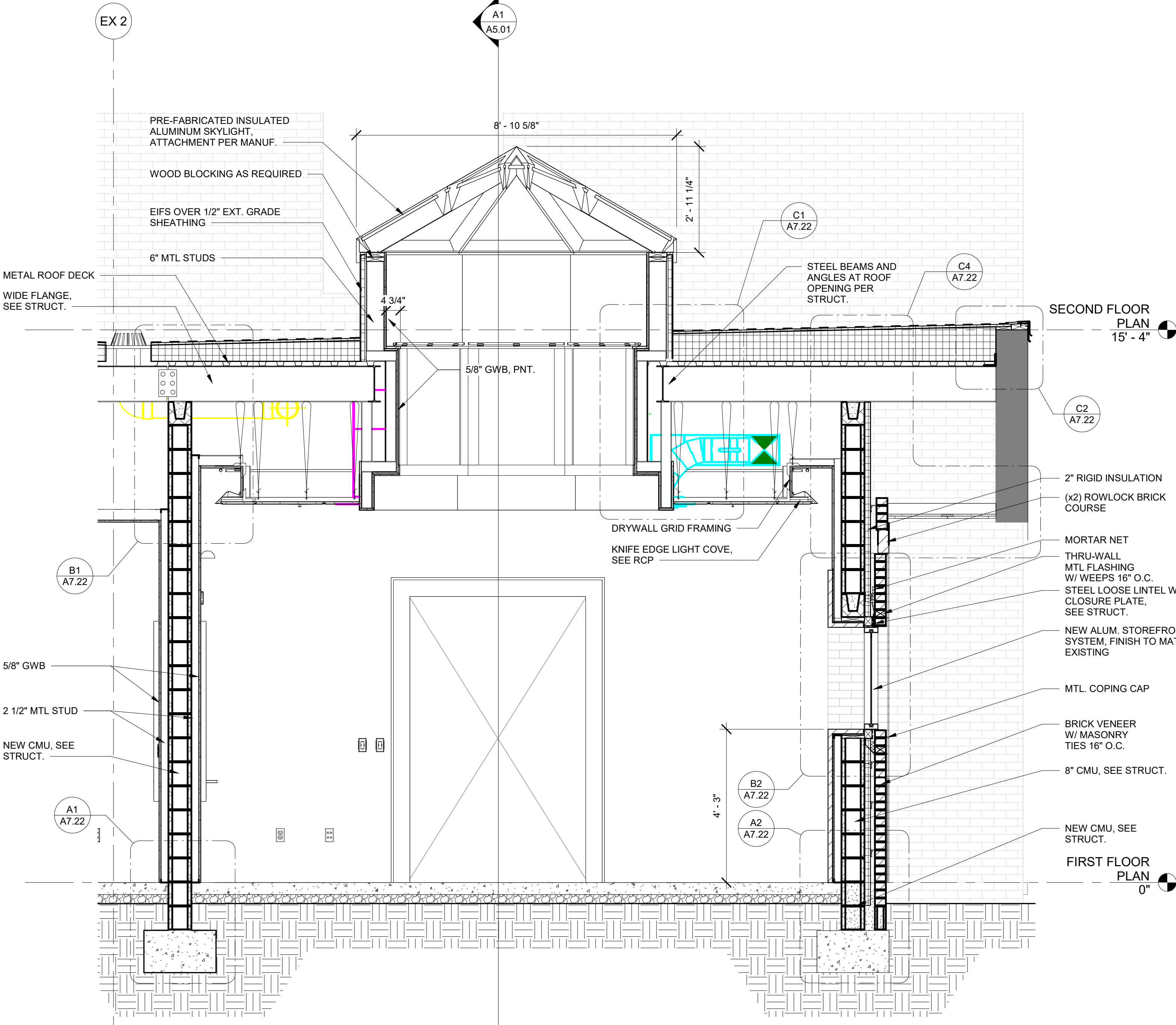
Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

WALL SECTIONS

A6.01

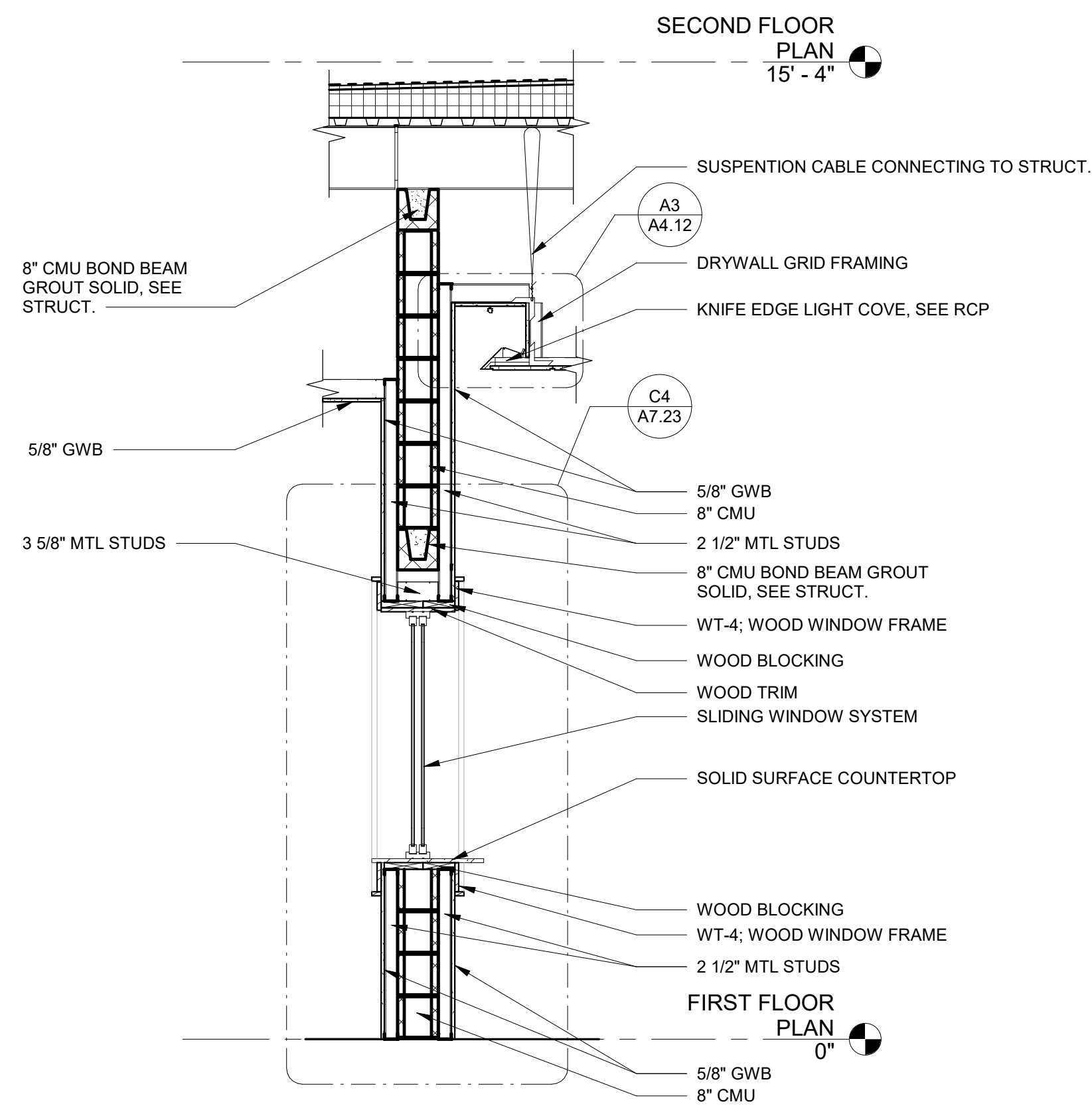


(A1) WALL SECTION @ NEW ADDITION
1/2" = 1'-0"



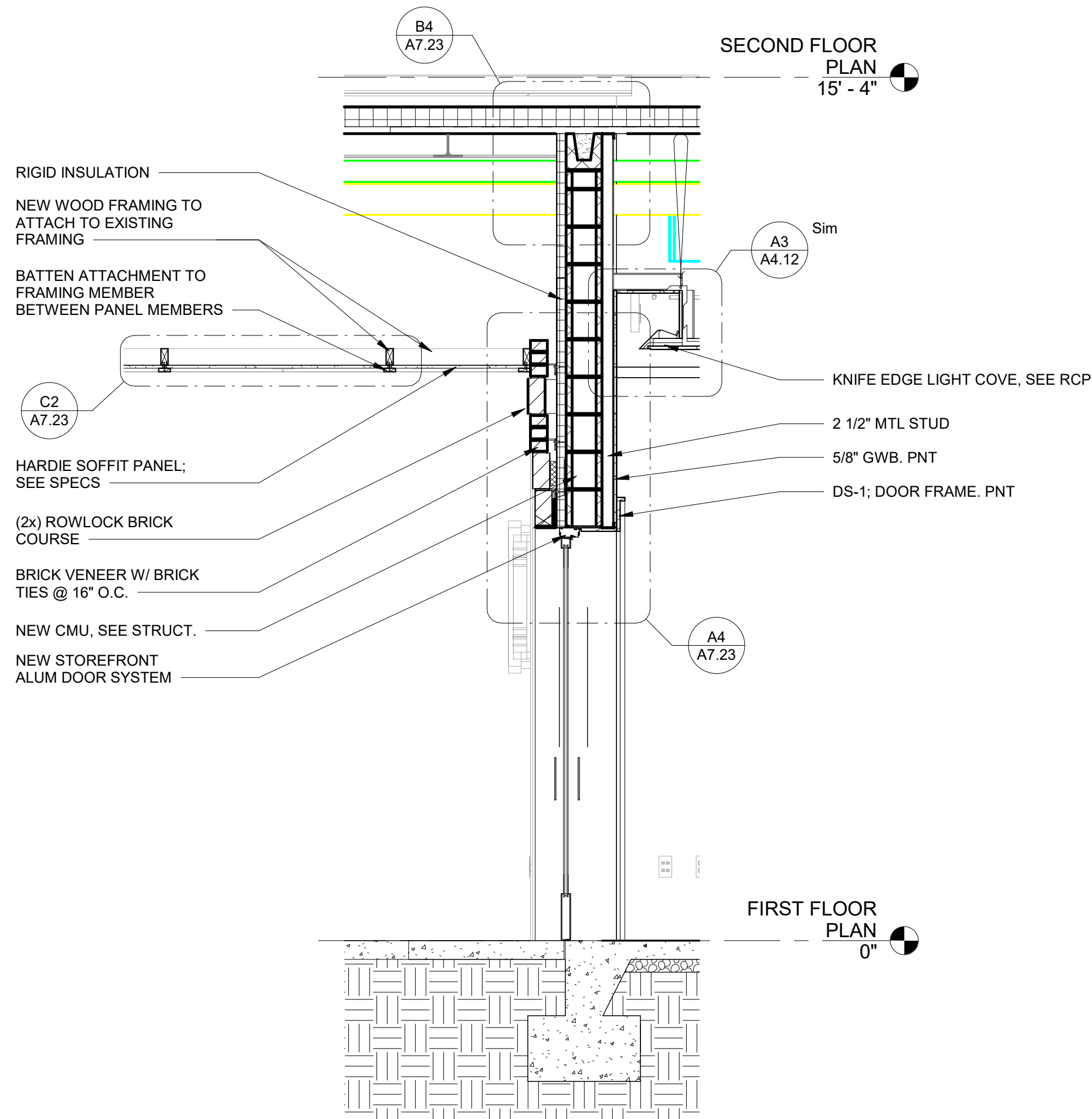
(A4) WALL SECTION @ NEW ADDITION LOBBY
1/2" = 1'-0"

D



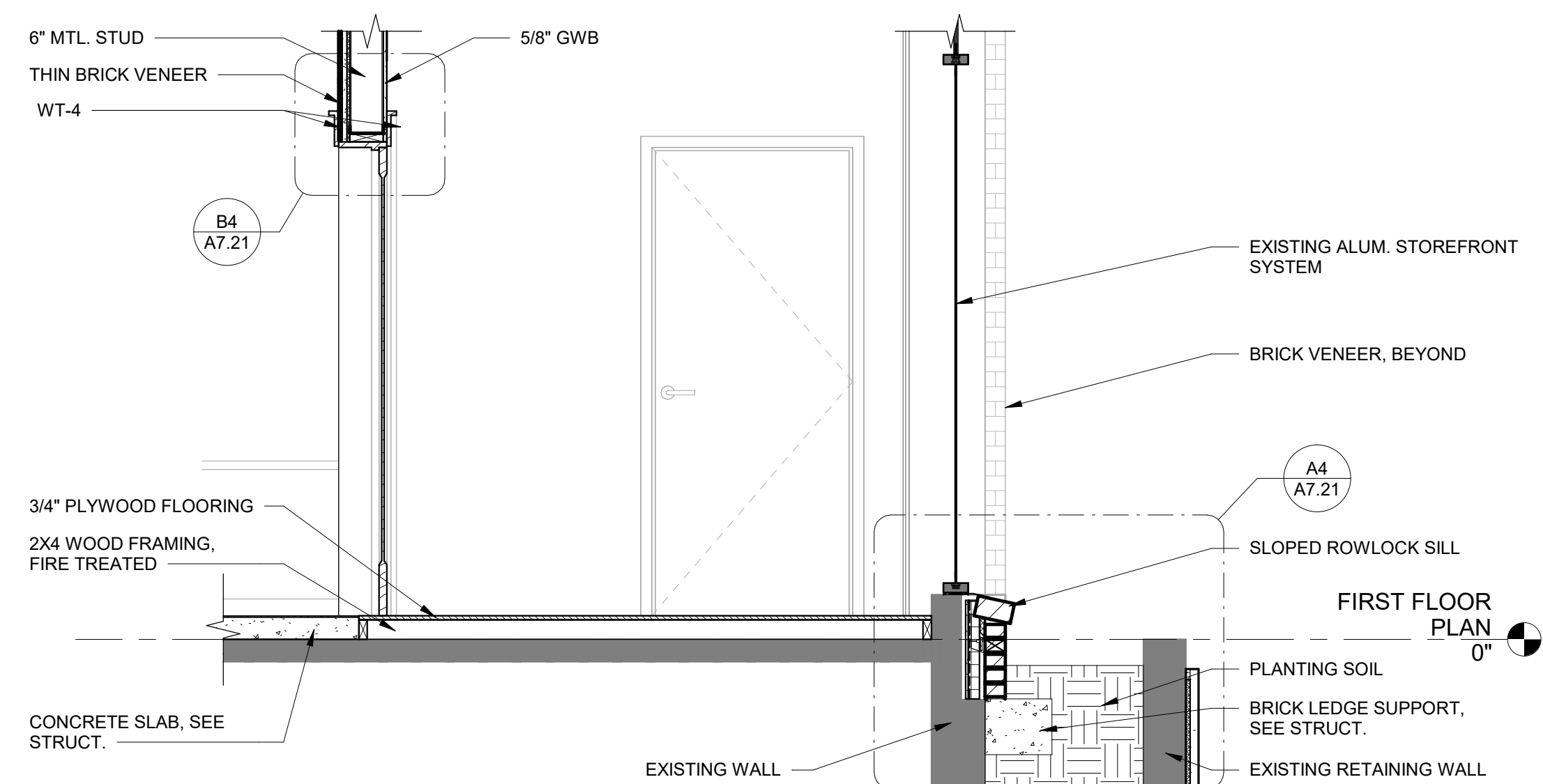
C1 WALL SECTION @ LOBBY TRANSACTION WINDOW
1/2" = 1'-0"

C



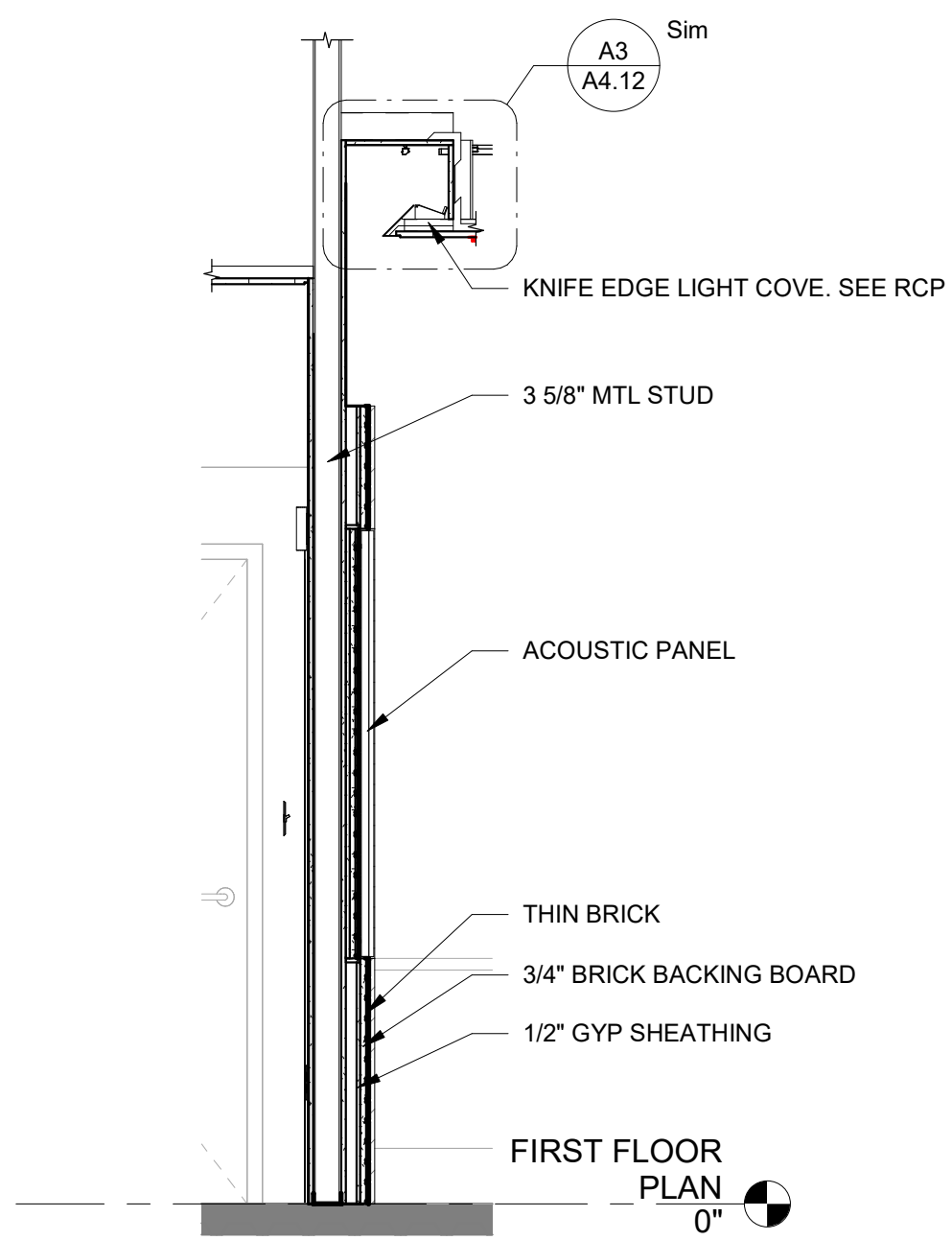
B1 WALL SECTION @ NEW ADDITION ENTRY
1/2" = 1'-0"

B



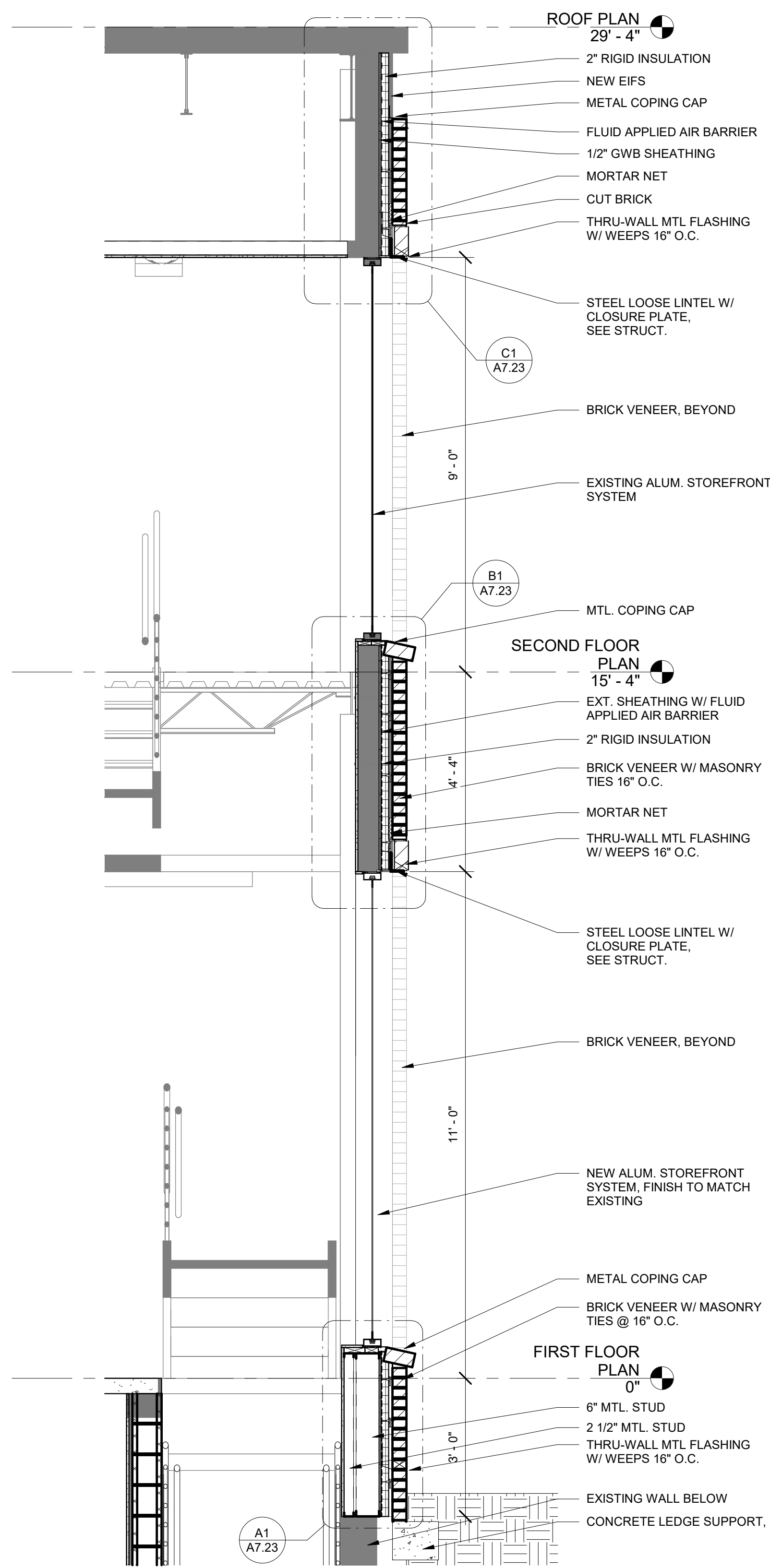
A1 WALL SECTION @ PLANTER WALL
1/2" = 1'-0"

A



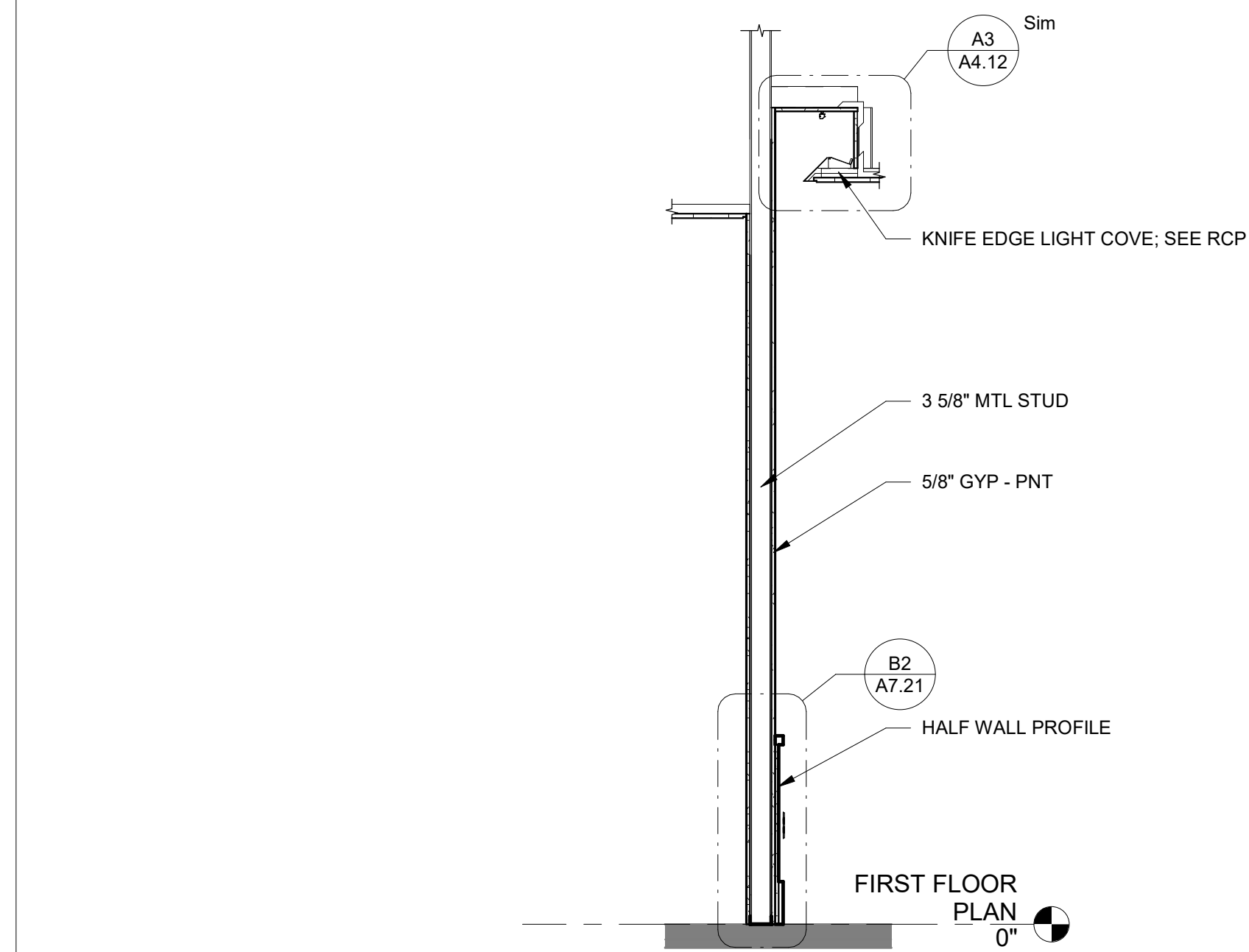
C3 WALL SECTION @ CHAMBER WALL BUMP OUT
1/2" = 1'-0"

C



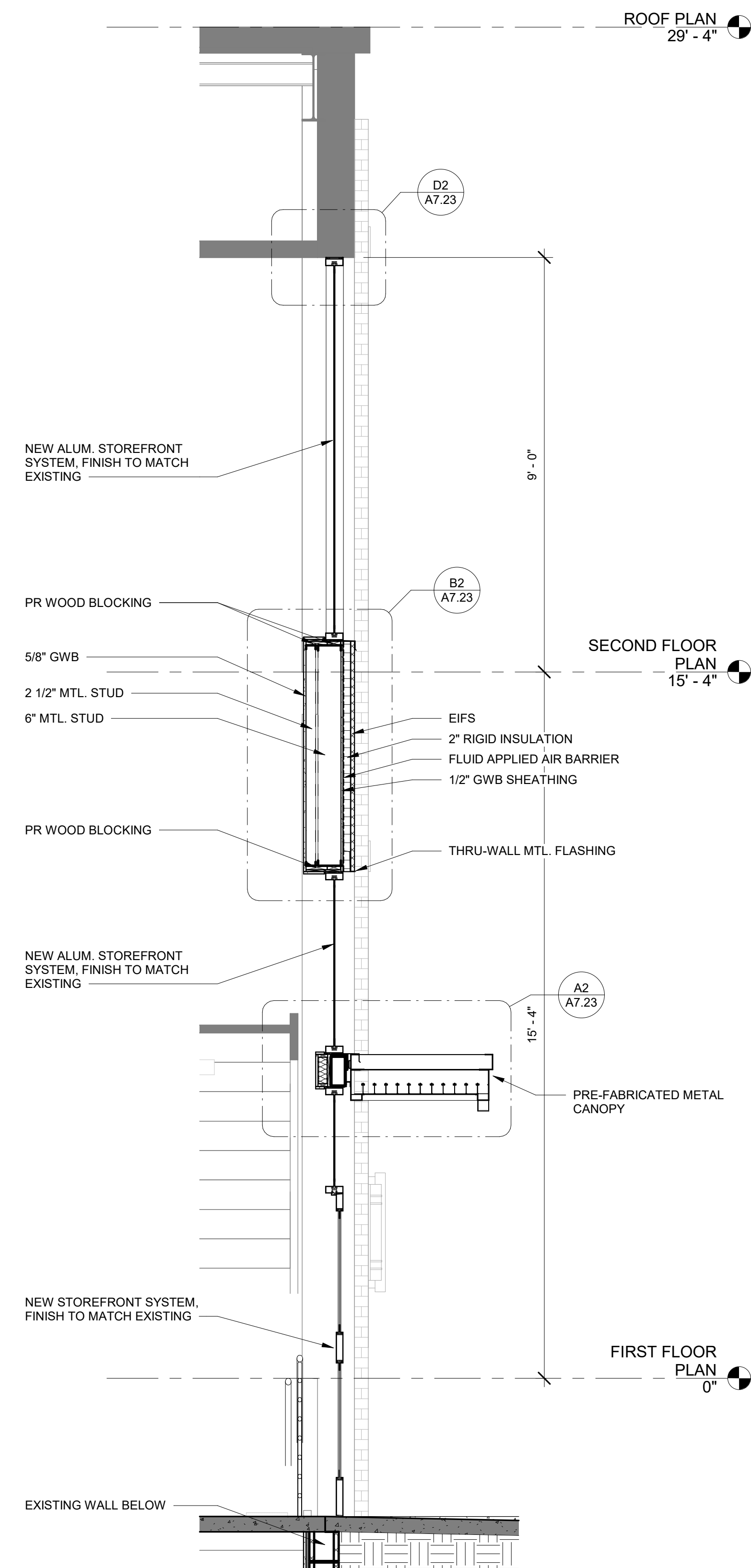
A3 WALL SECTION @ BRICK PANELS
1/2" = 1'-0"

A



C4 WALL SECTION @ CHAMBER WALL
1/2" = 1'-0"

C



A4 WALL SECTION @ STREET ENTRANCE
1/2" = 1'-0"

A



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CANTON TOWN HALL

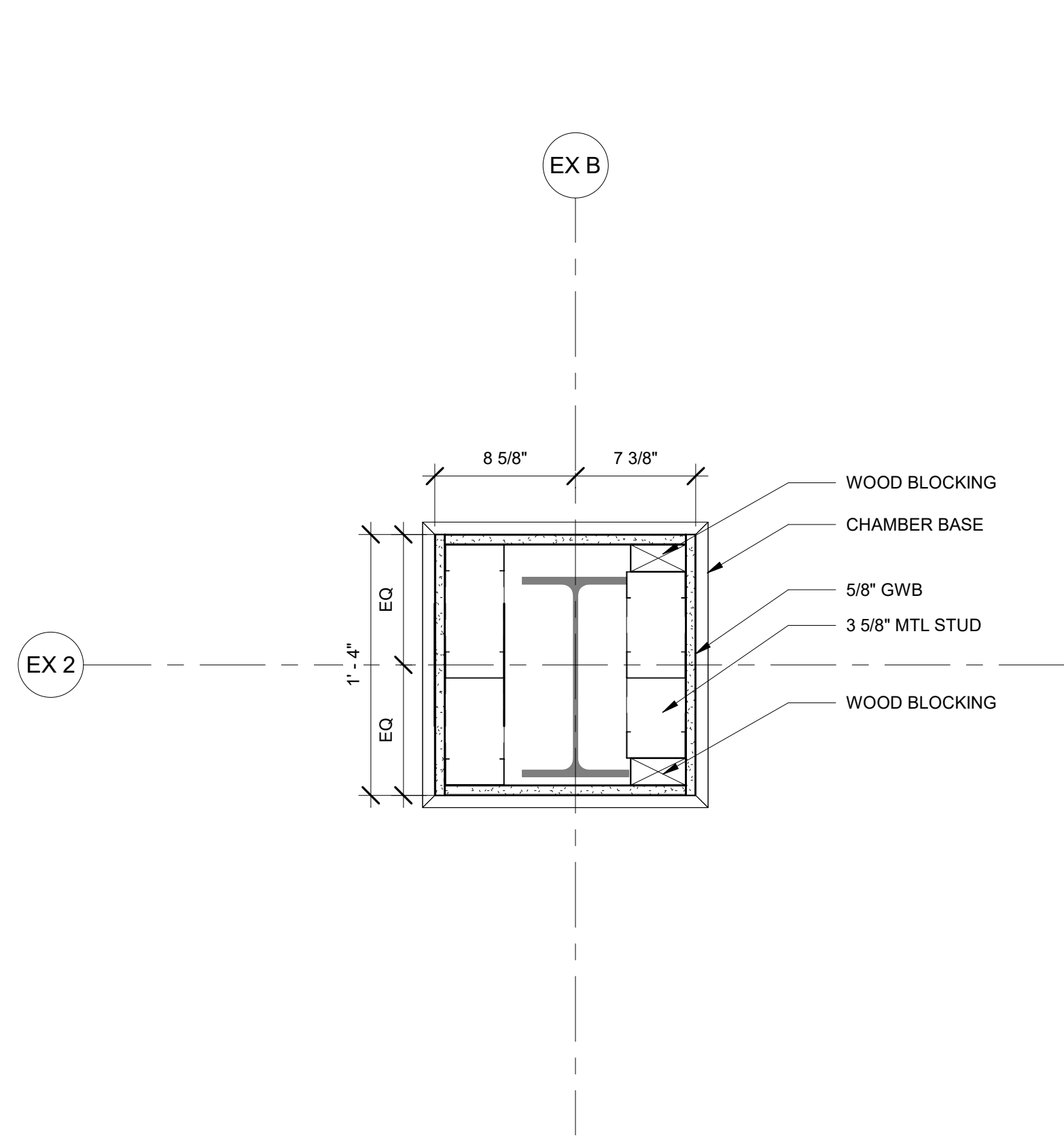
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WALL SECTIONS

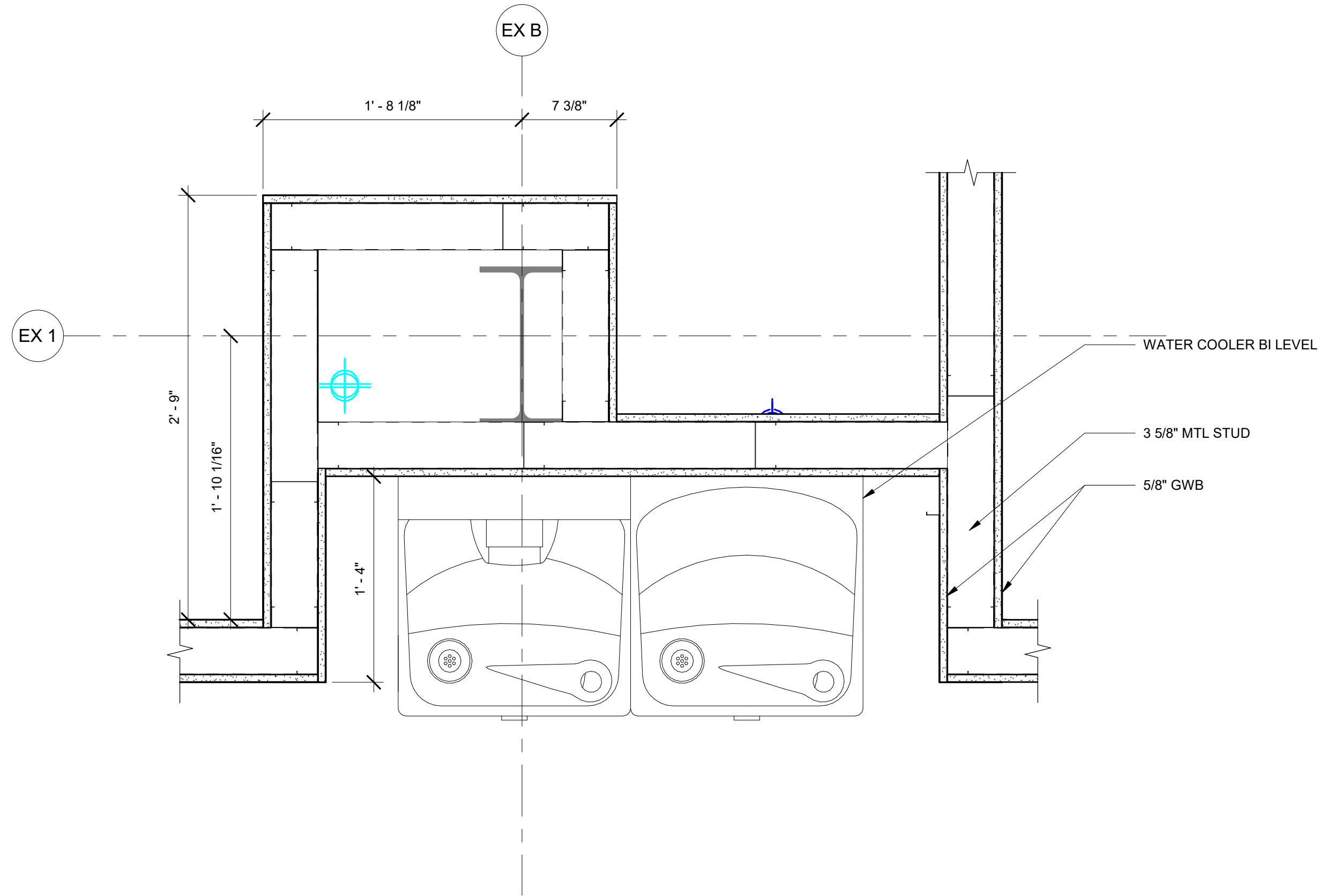
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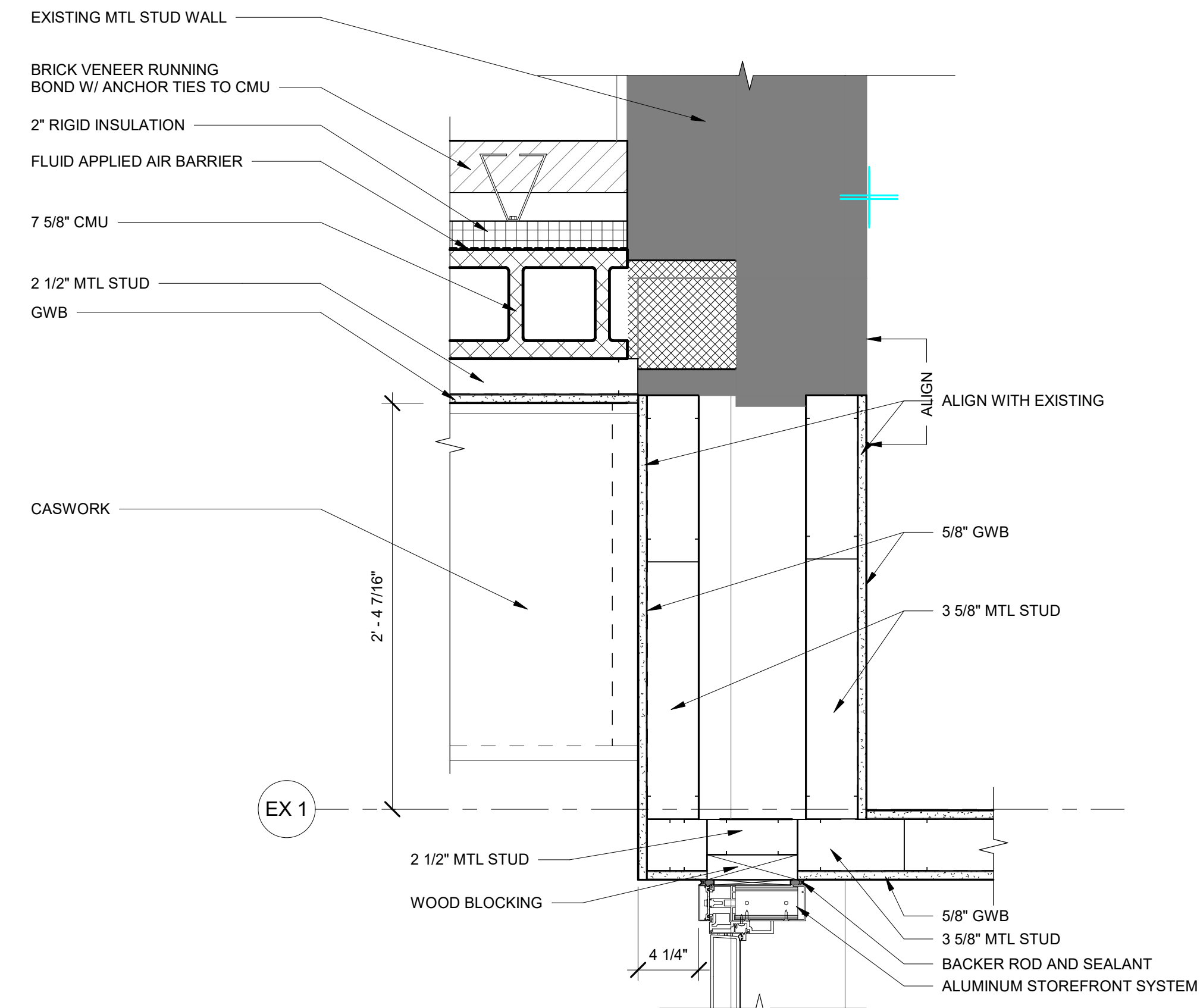


C1 PLAN DETAIL @ CHAMBER COLUMN
1 1/2" = 1'-0"

C

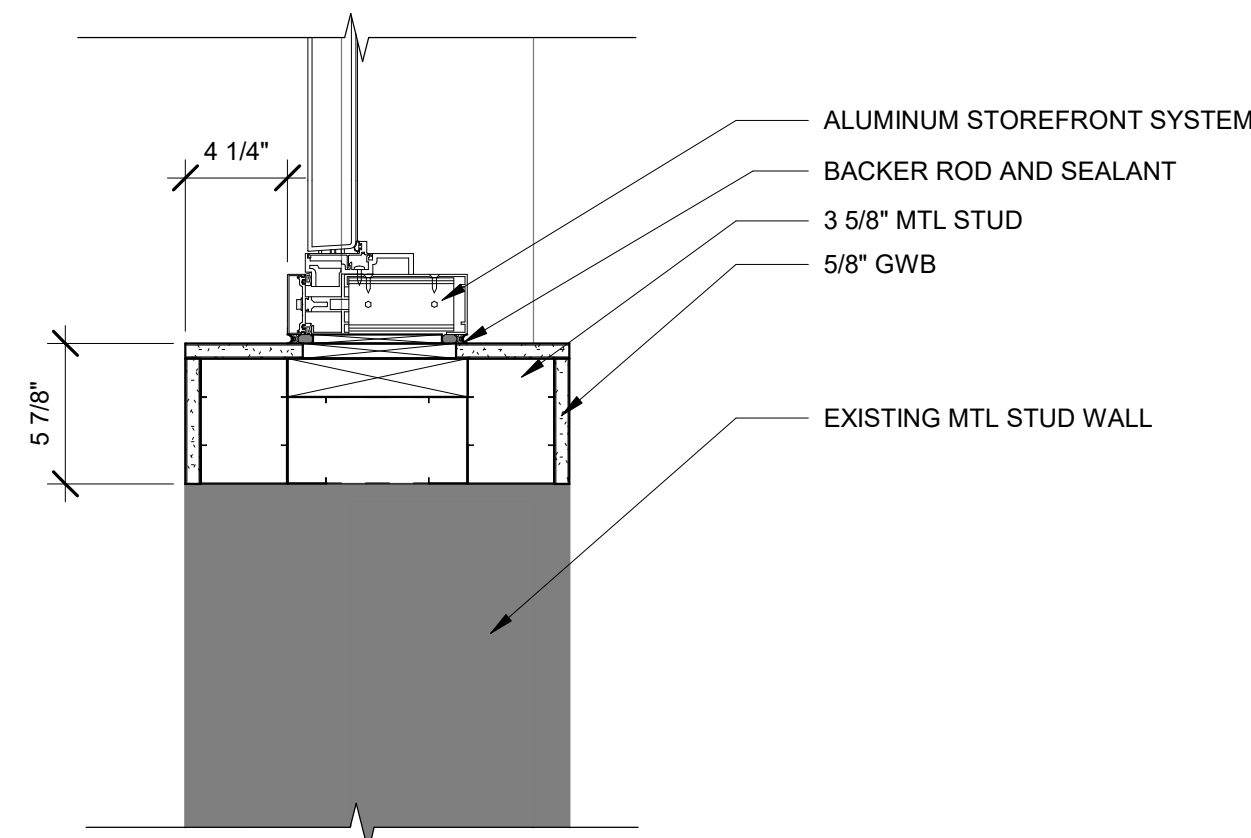


C2 PLAN DETAIL @ WATER FOUNTAIN
1 1/2" = 1'-0"

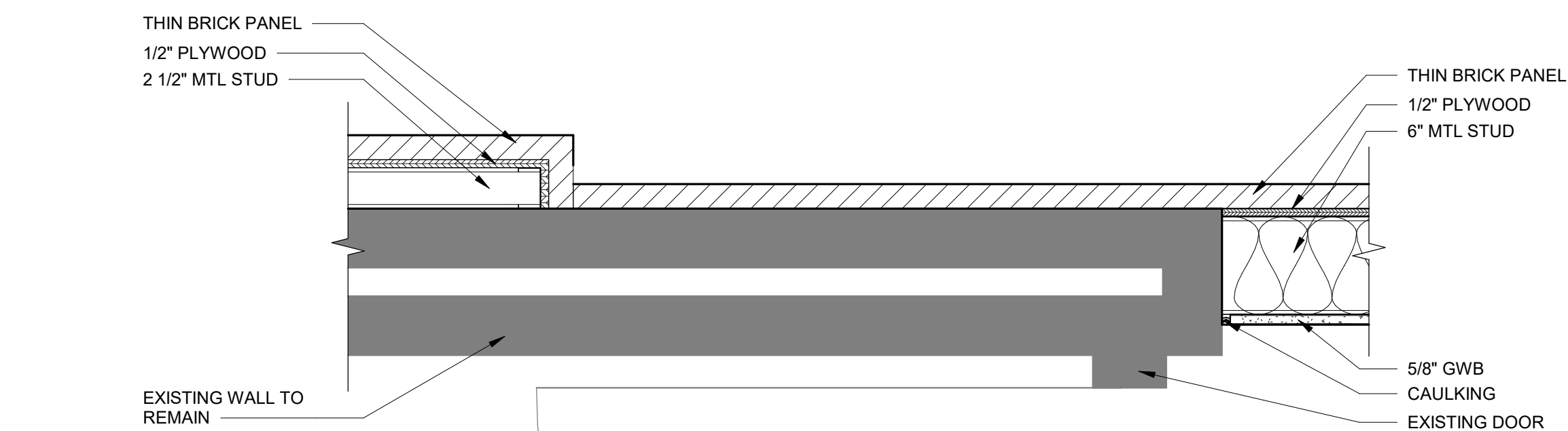


C4 PLAN DETAIL @ NEW ADDITION WALL OPENING
1 1/2" = 1'-0"

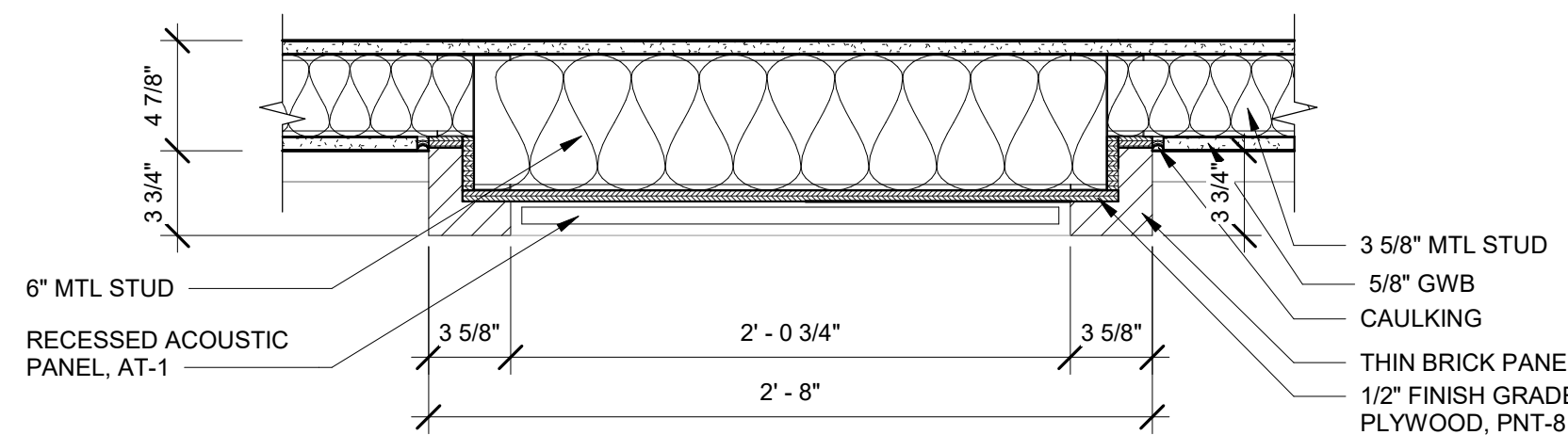
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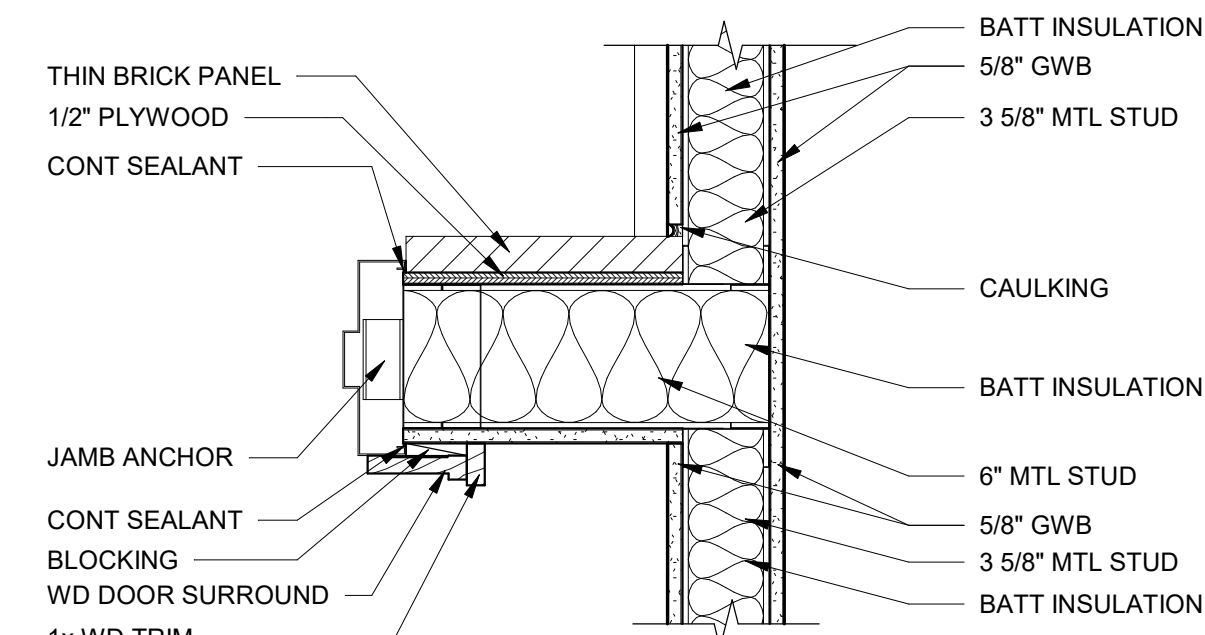
B1 PLAN DETAIL @ COPY/WORK DOORWAY
1 1/2" = 1'-0"



B3 PLAN DETAIL @ CHAMBER WALL
1 1/2" = 1'-0"

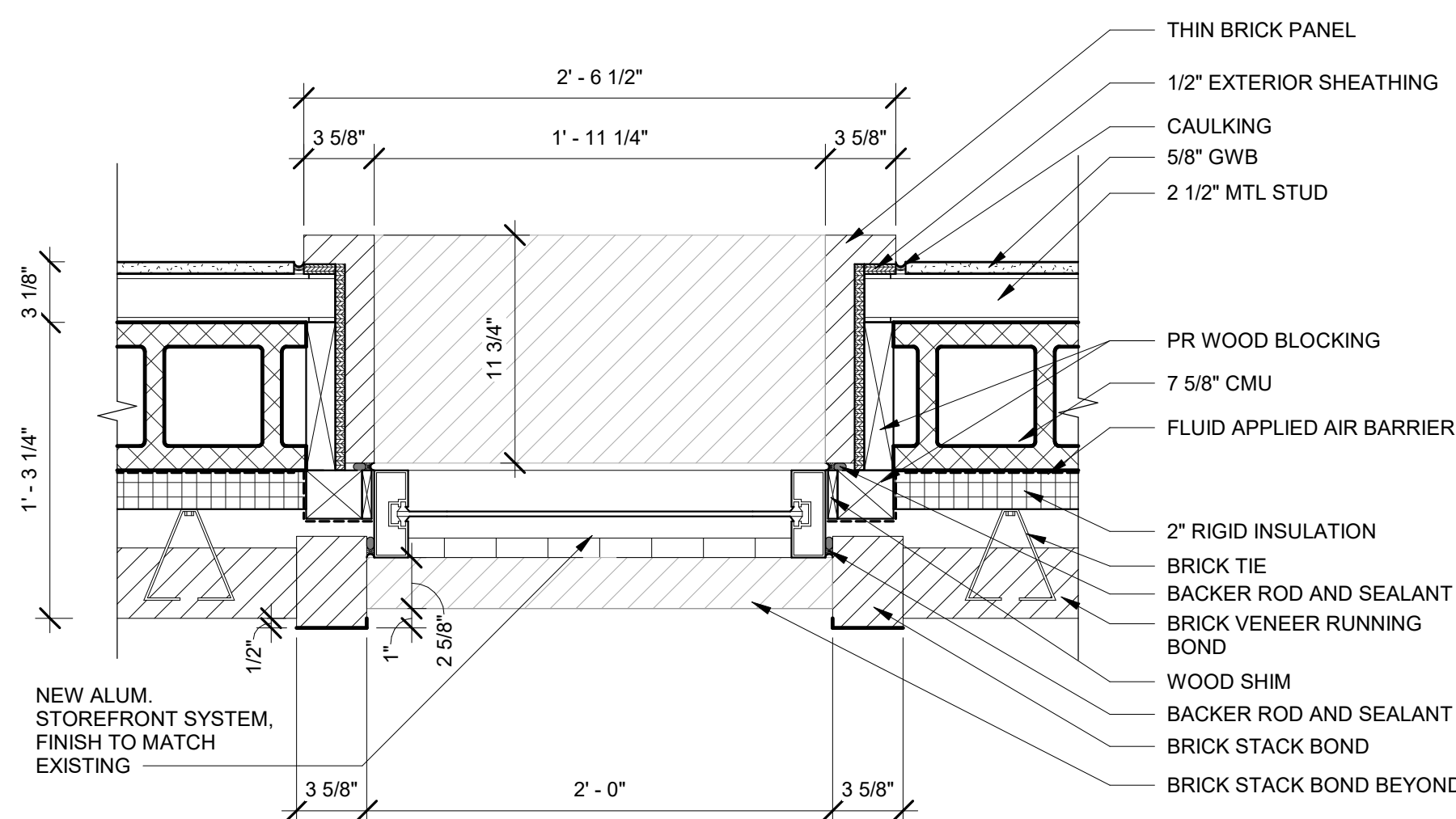


B2 PLAN DETAIL @ CHAMBER PILASTER
1 1/2" = 1'-0"

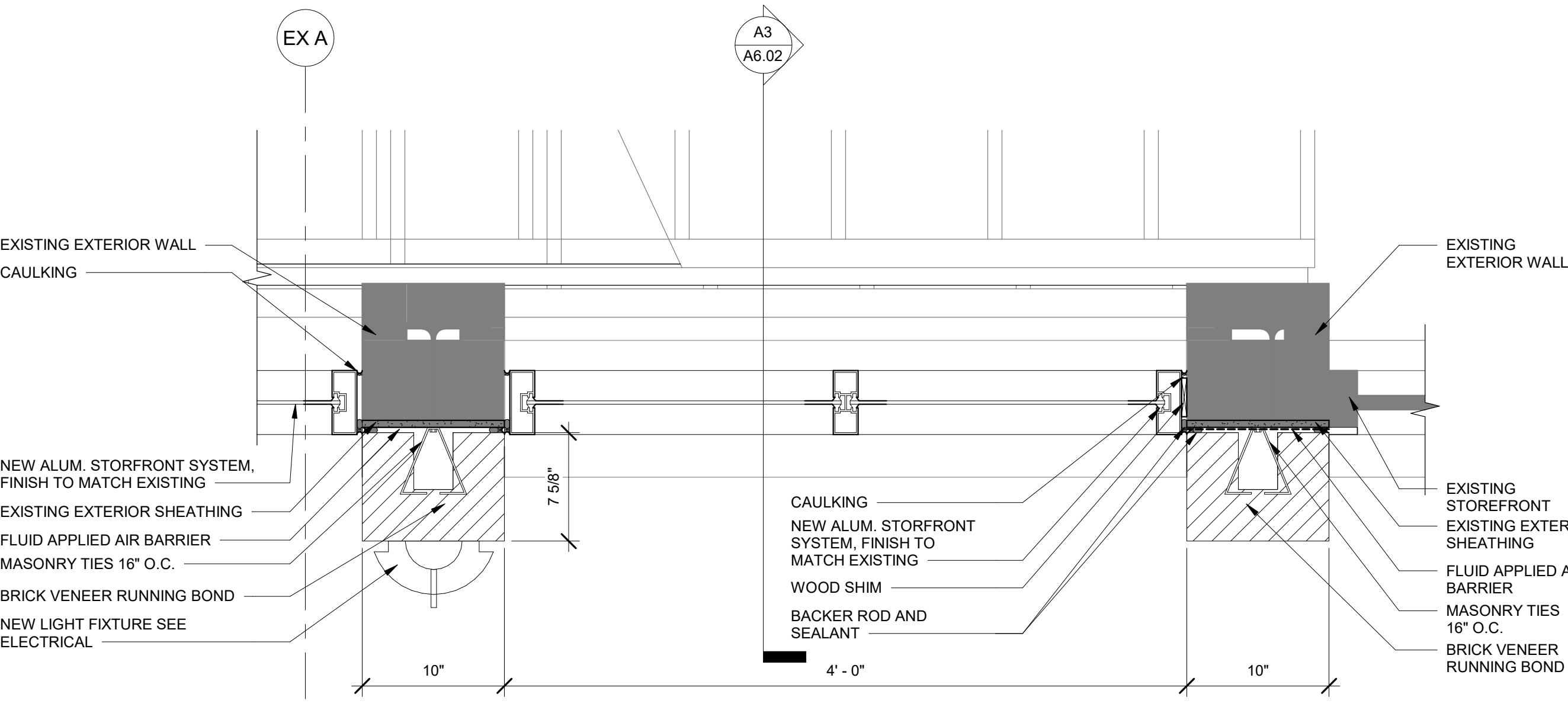


B4 PLAN DETAIL @ CHAMBER DOOR JAMB
1 1/2" = 1'-0"

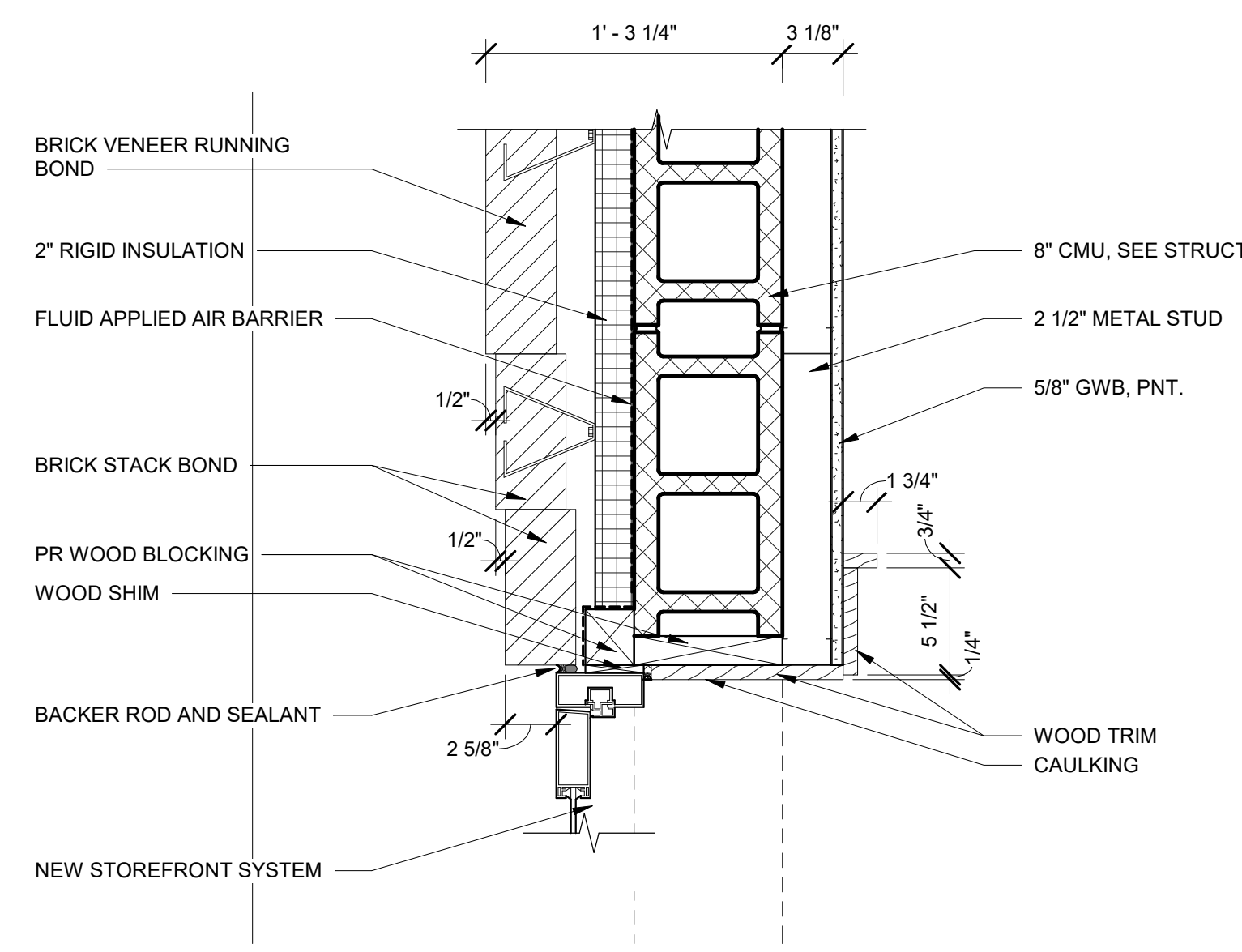
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A1 PLAN DETAIL @ LOBBY STOREFRONT WINDOW
1 1/2" = 1'-0"



A2 PLAN DETAIL @ BRICK ON SOUTH ELEVATION
1 1/2" = 1'-0"



A4 PLAN DETAIL @ MAIN ENTRANCE DOOR JAMB
1 1/2" = 1'-0"

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PLAN DETAILS

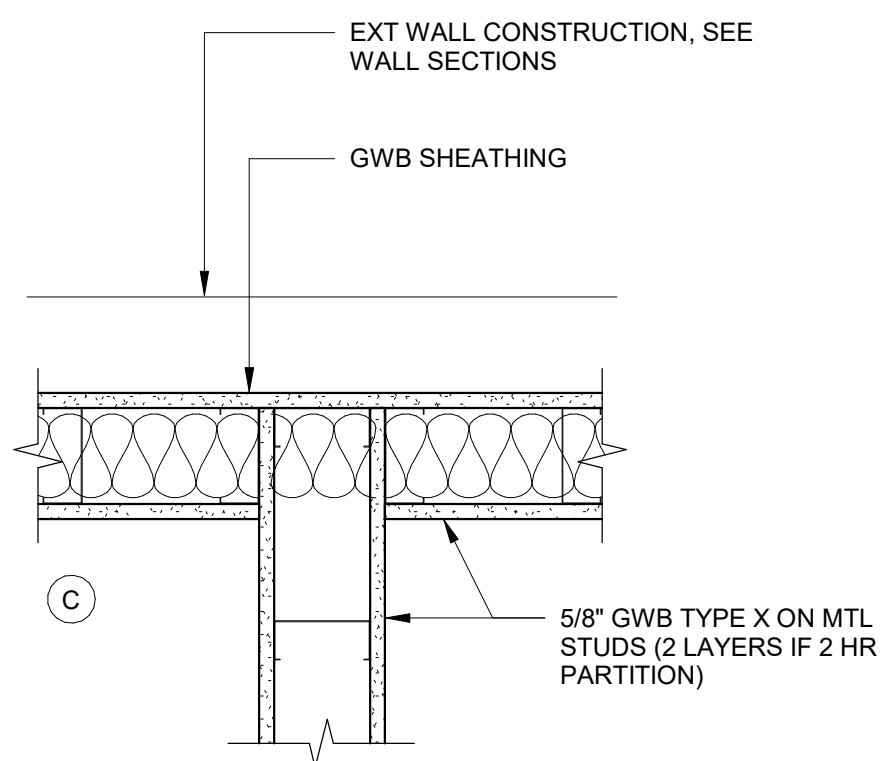
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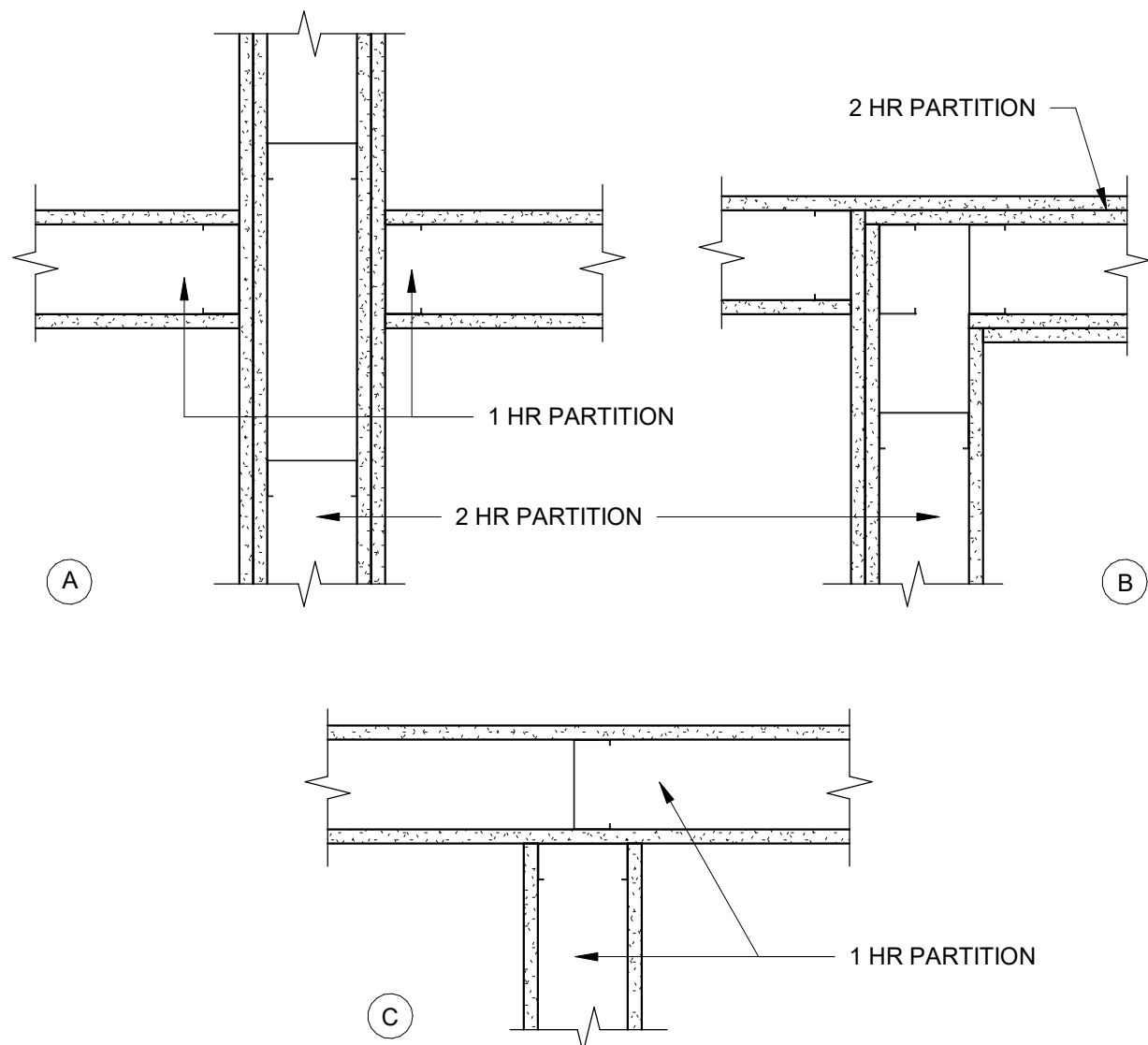
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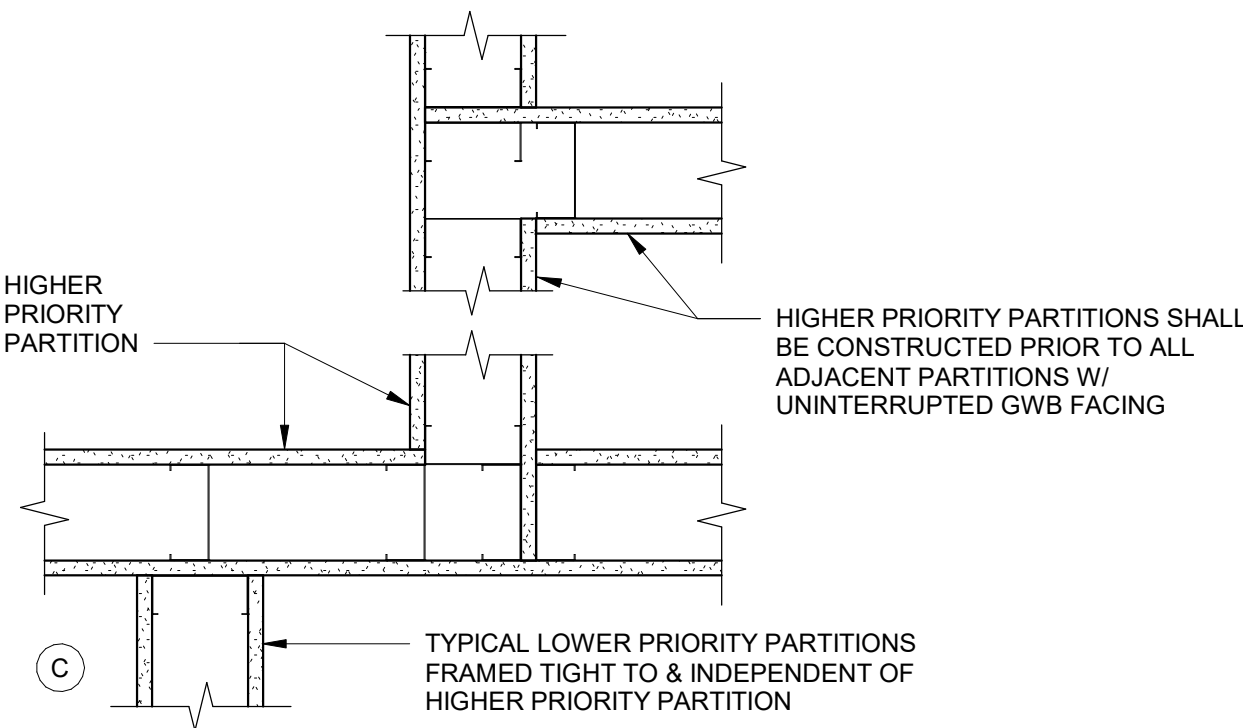
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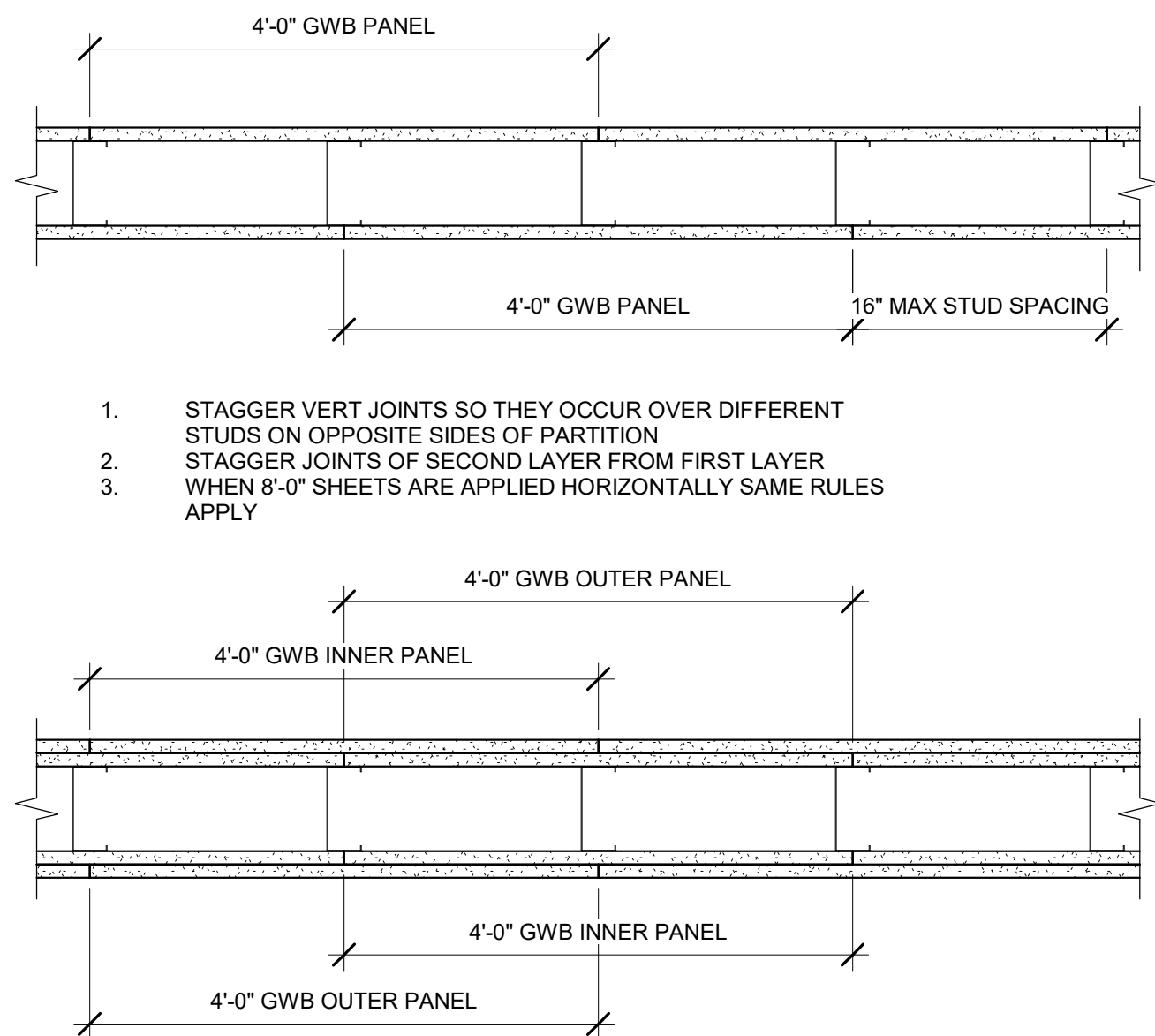
A1 RATED PARTITION EXTERIOR WALL
1 1/2" = 1'-0"



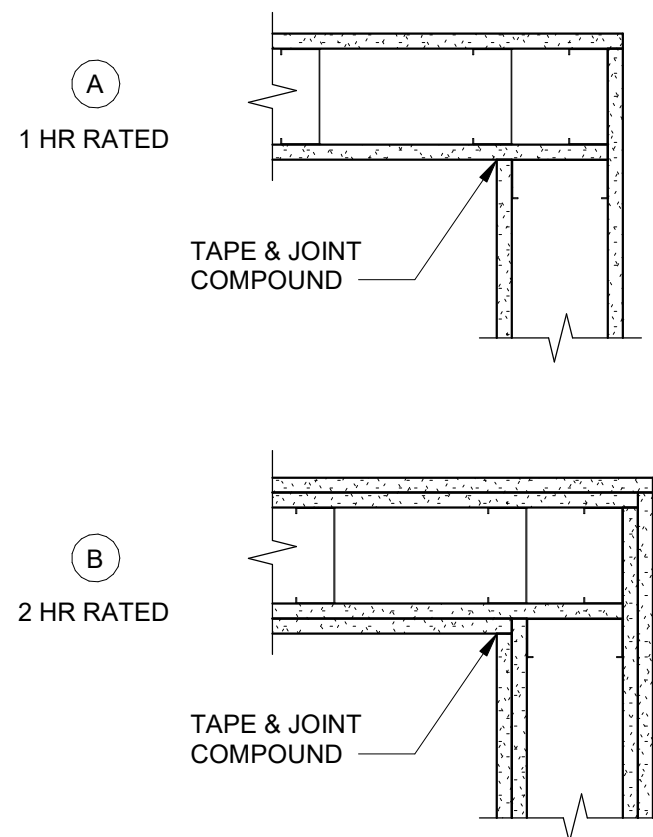
A2 INTERSECTION OF RATED PARTITIONS
1 1/2" = 1'-0"



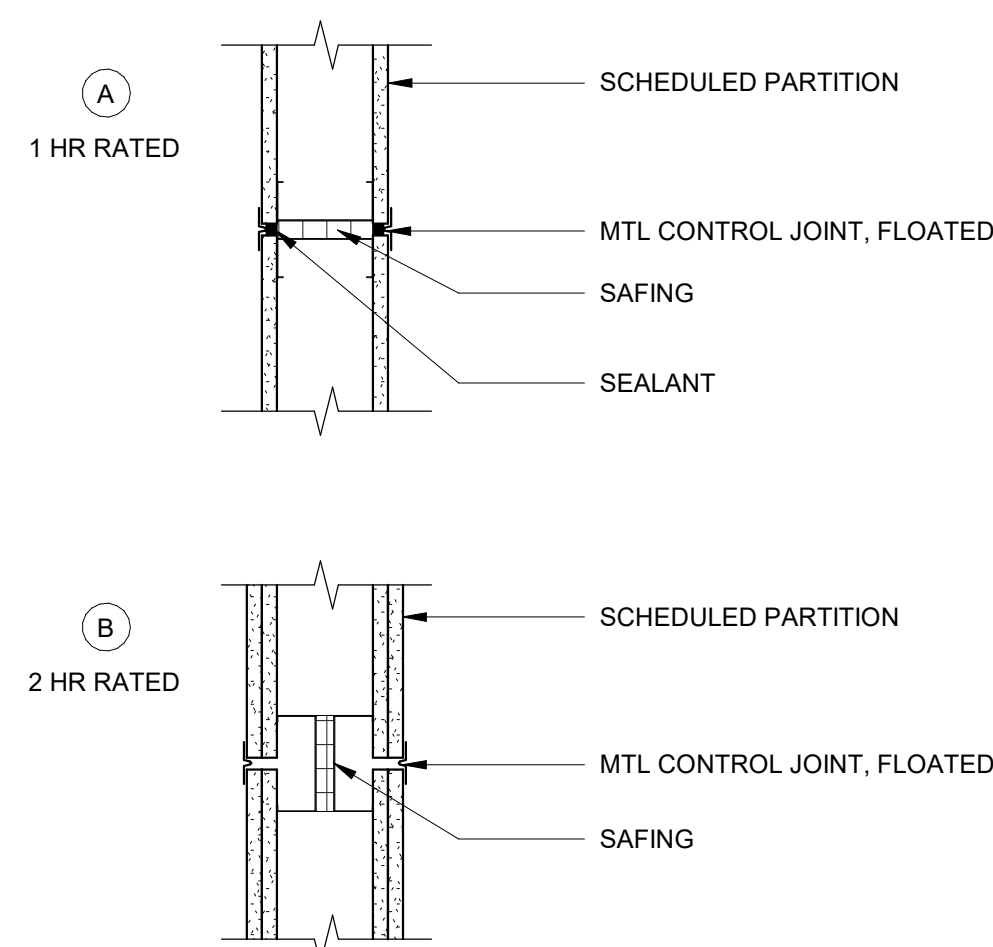
A3 GWB PARTITION INTERSECTIONS
1 1/2" = 1'-0"



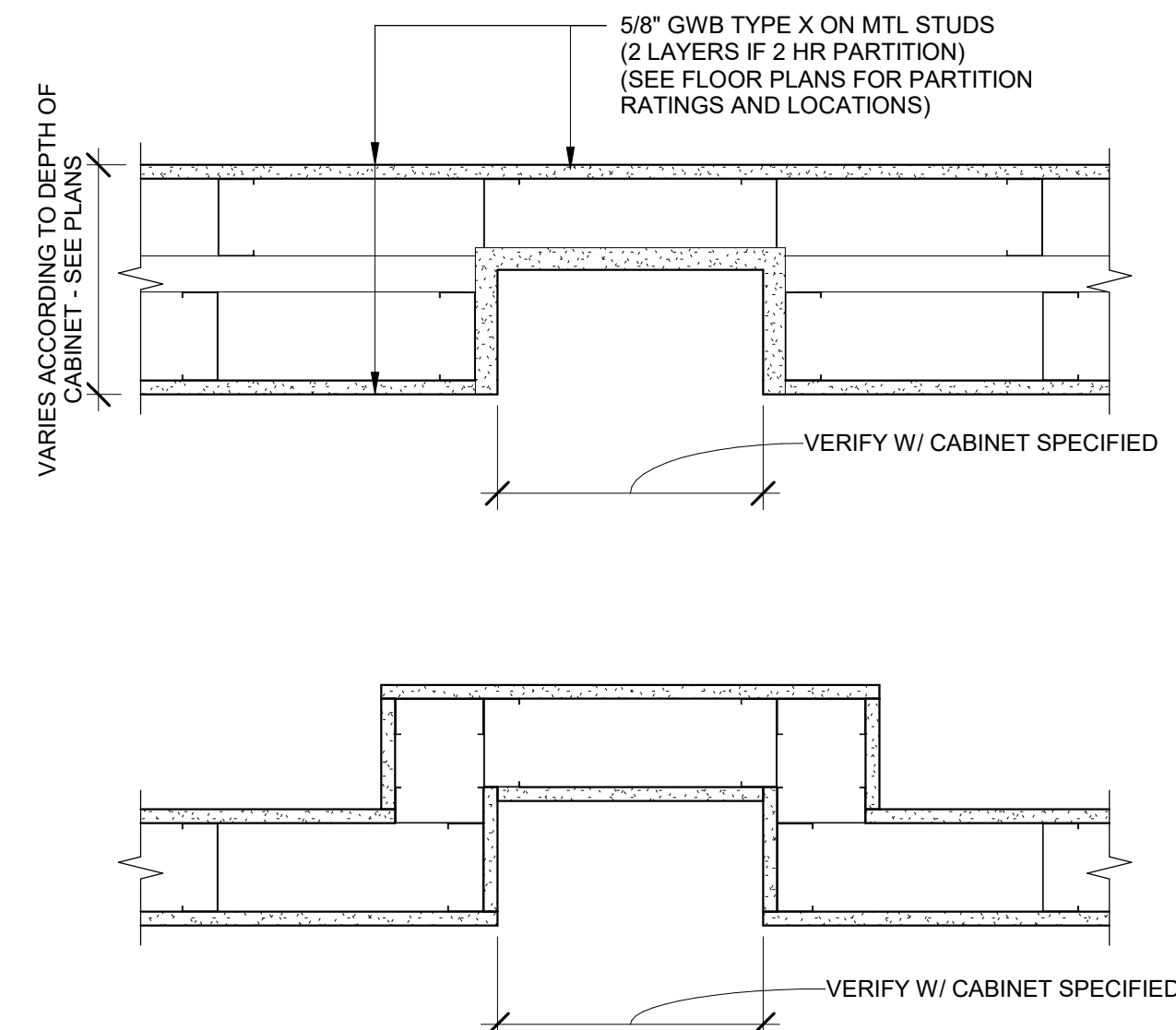
B4 WALLBOARD JOINT LAYOUT
1 1/2" = 1'-0"



A4 CORNER OF RATED PARTITIONS
1 1/2" = 1'-0"



B5 CONTROL JOINT AT RATED PARTITION
1 1/2" = 1'-0"



A5 CABINET RECESS FRAMING IN RATED PARTITION
1 1/2" = 1'-0"

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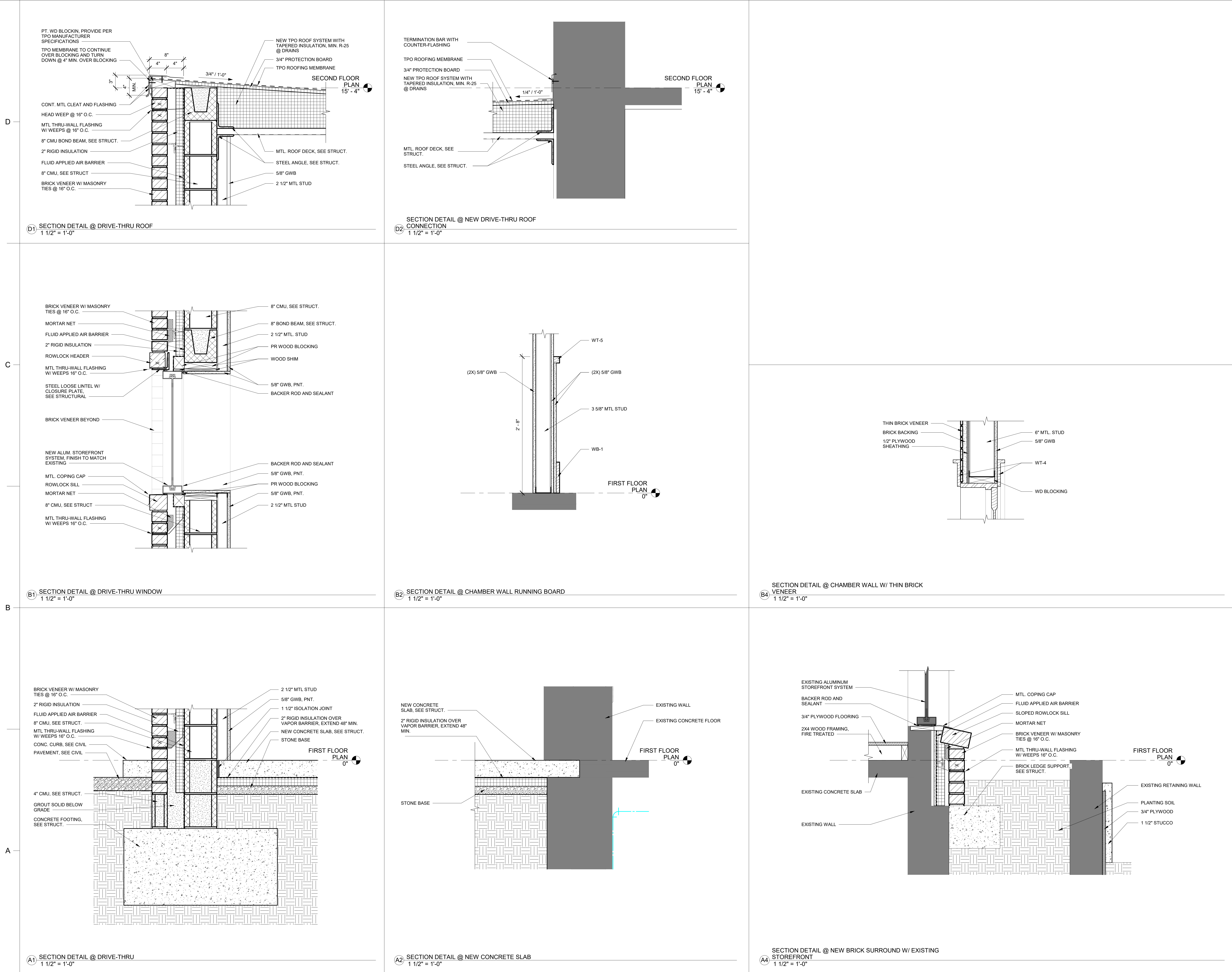


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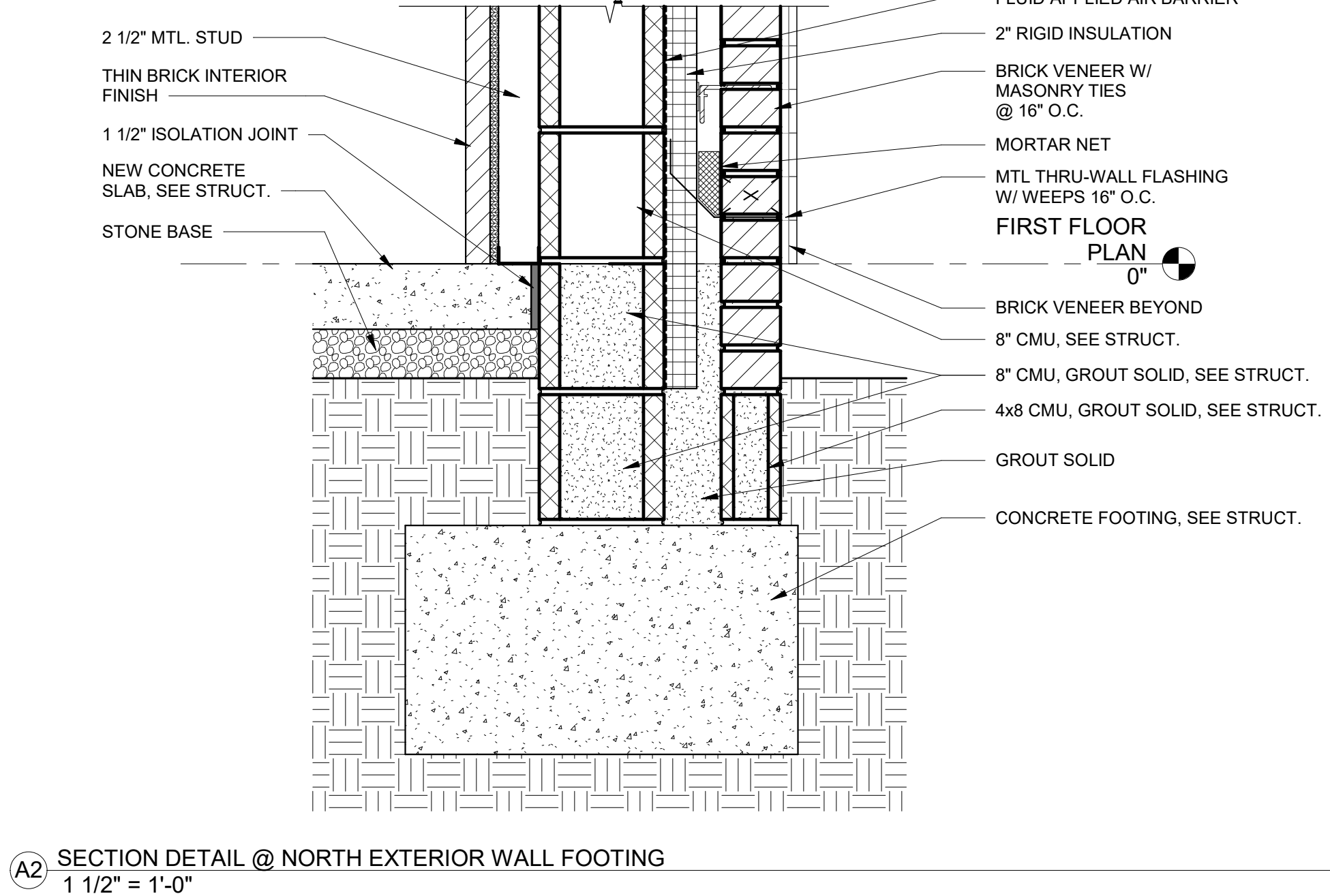
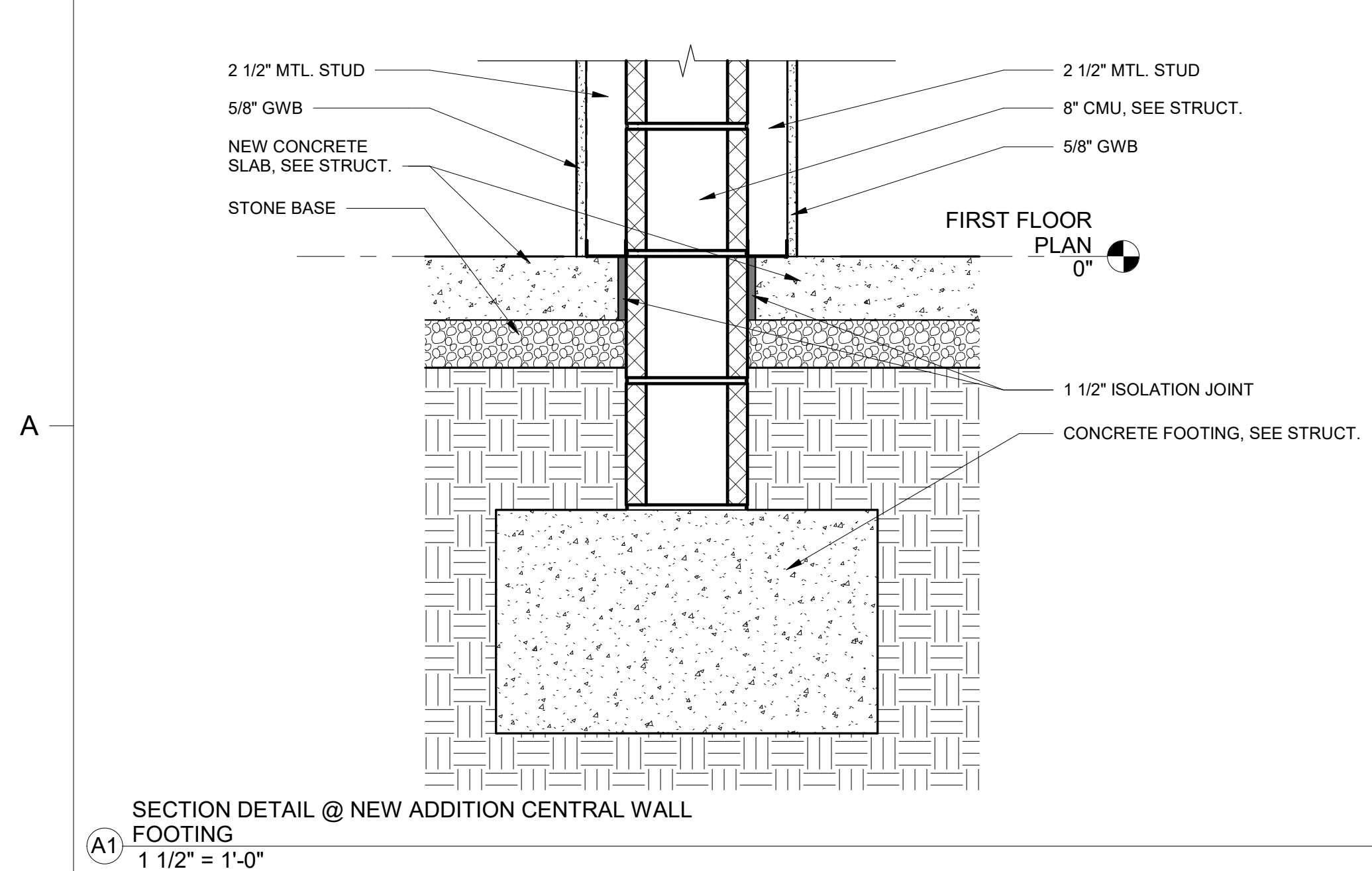
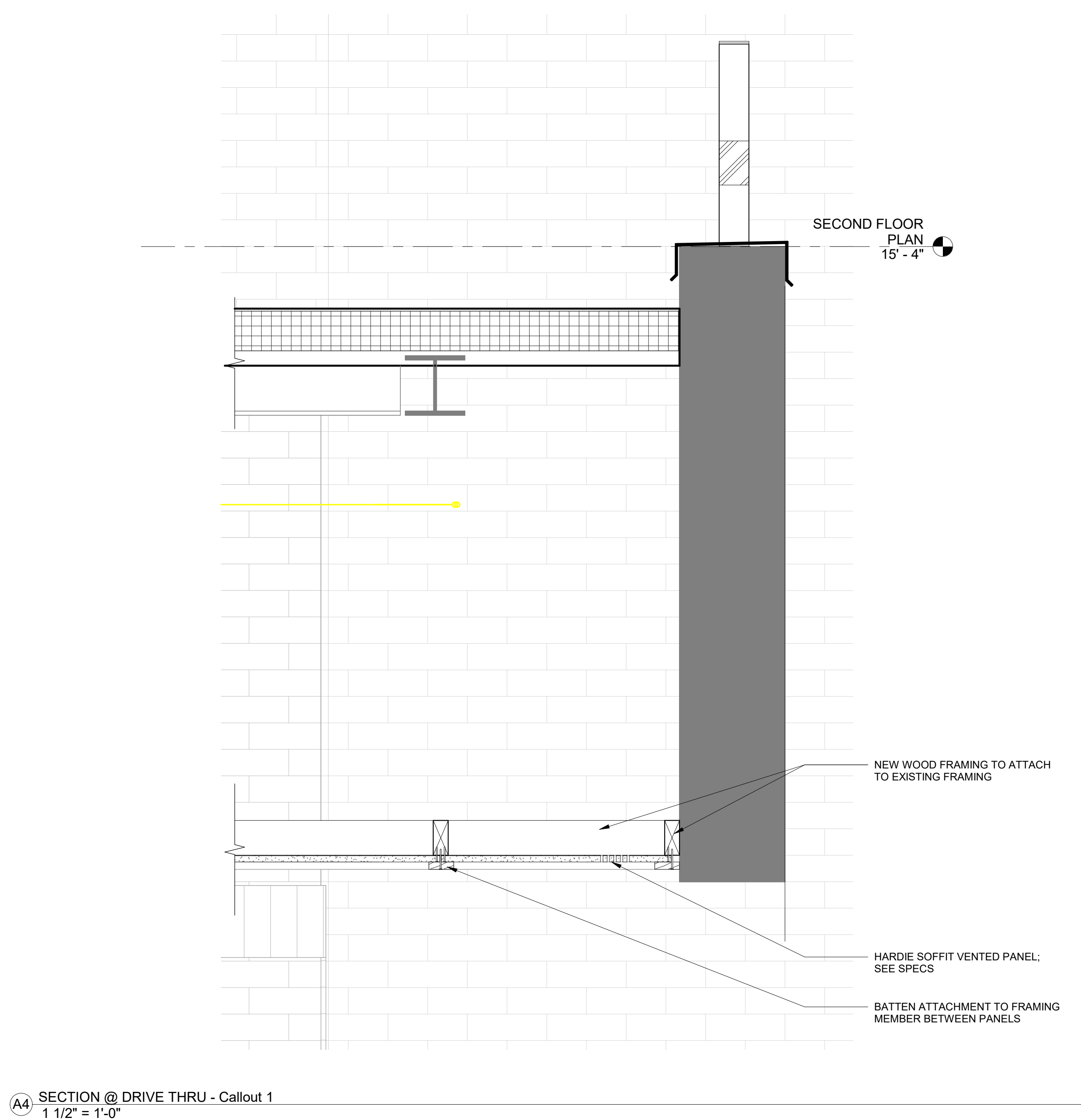
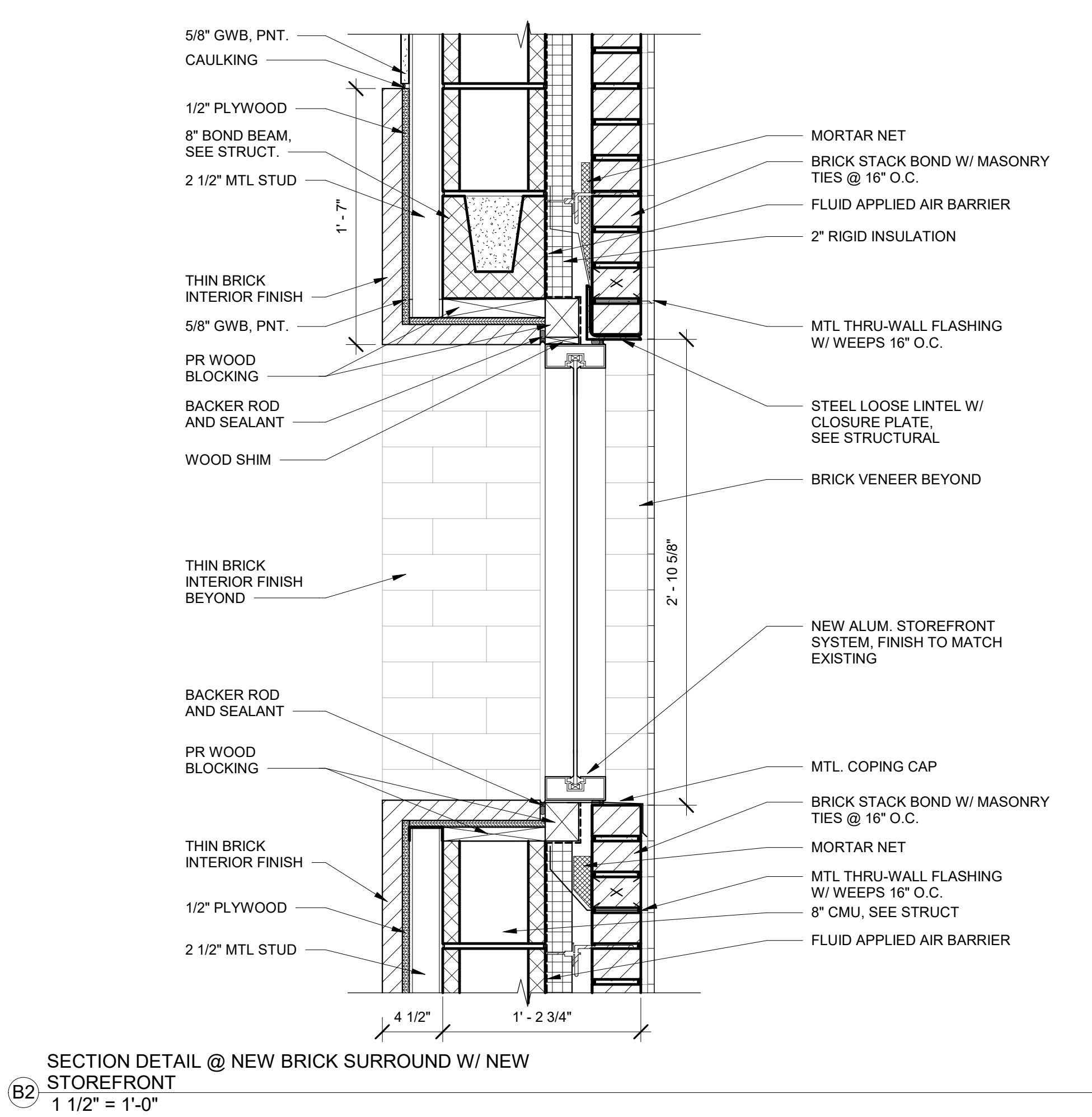
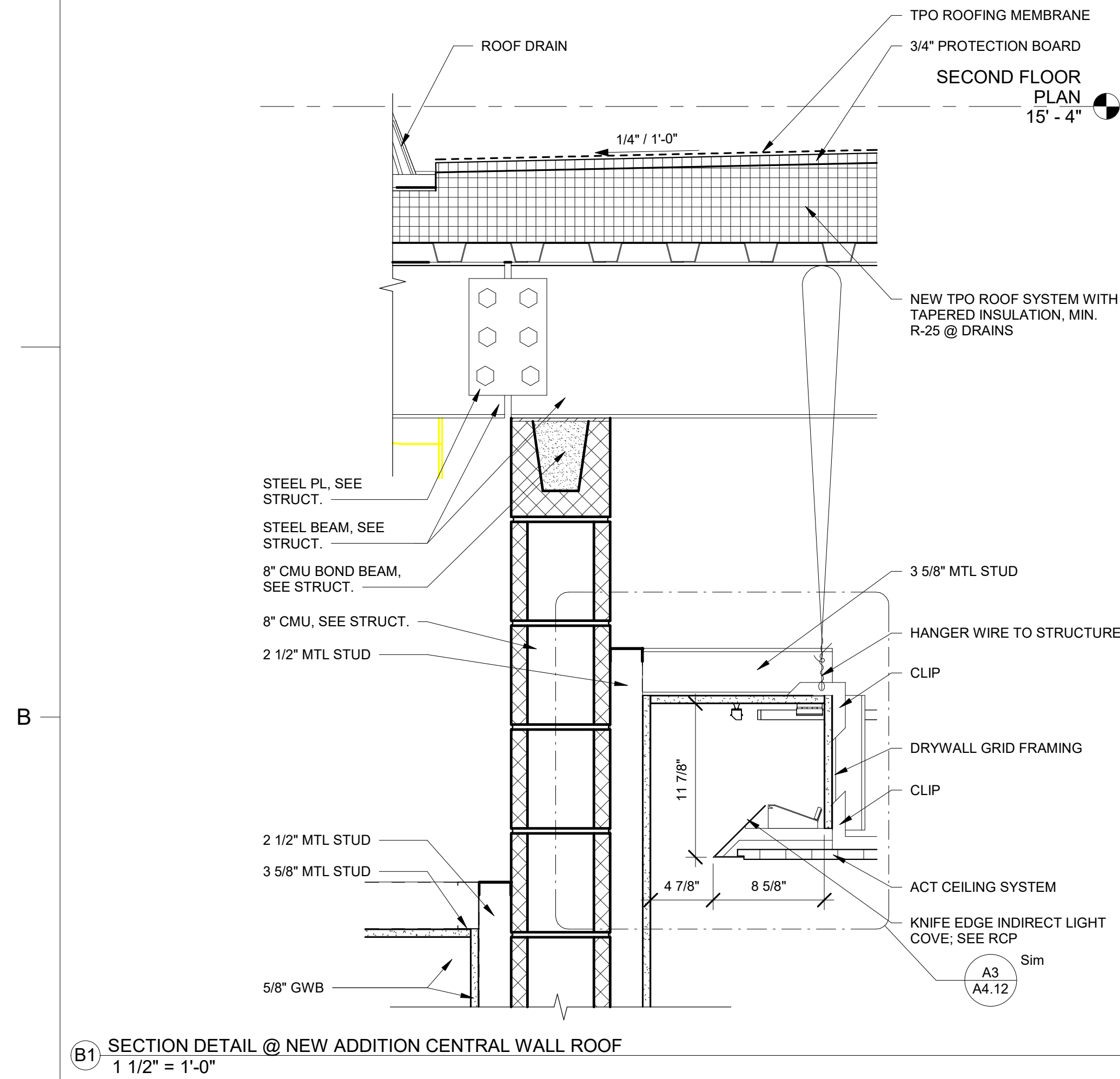
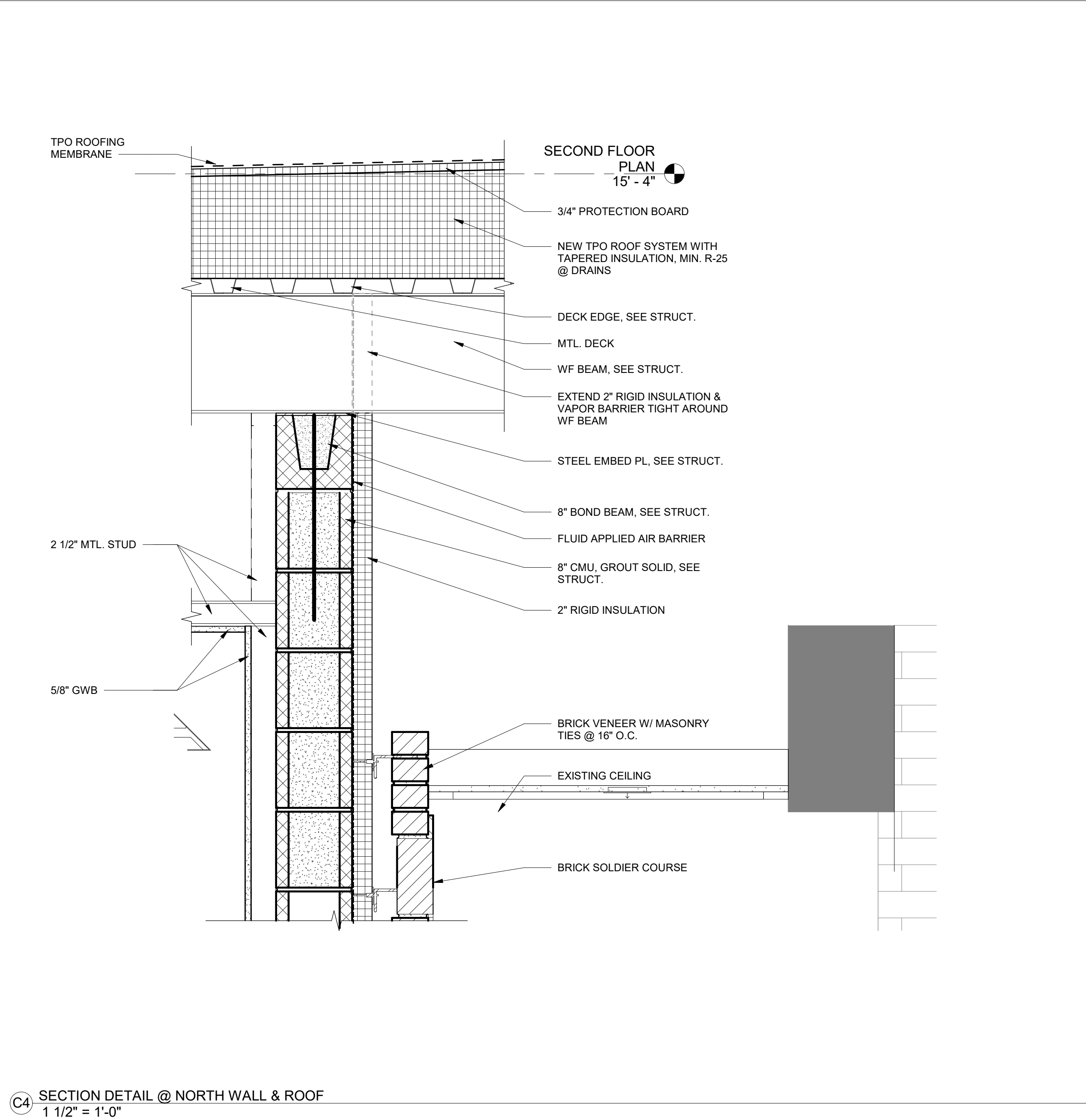
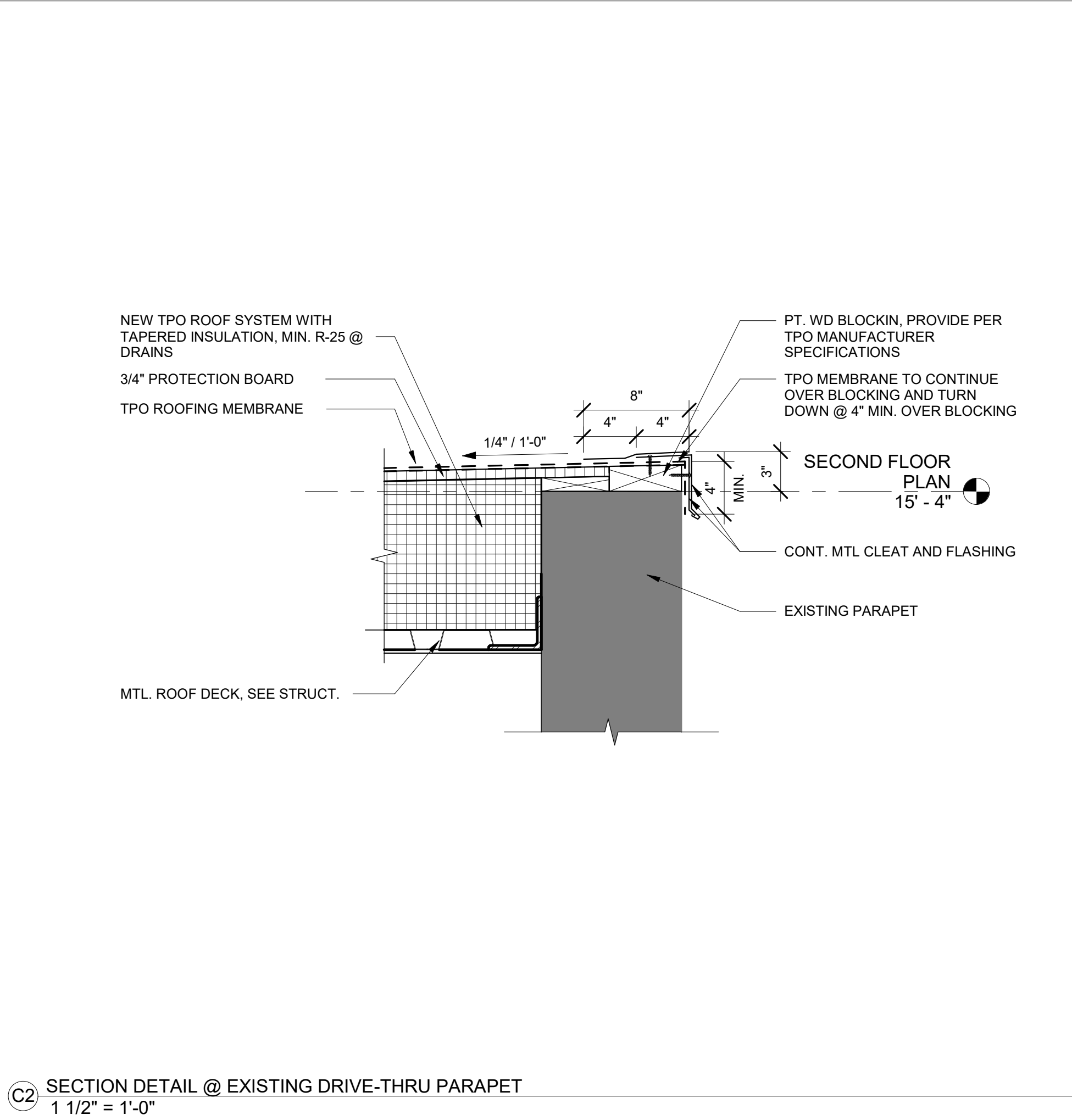
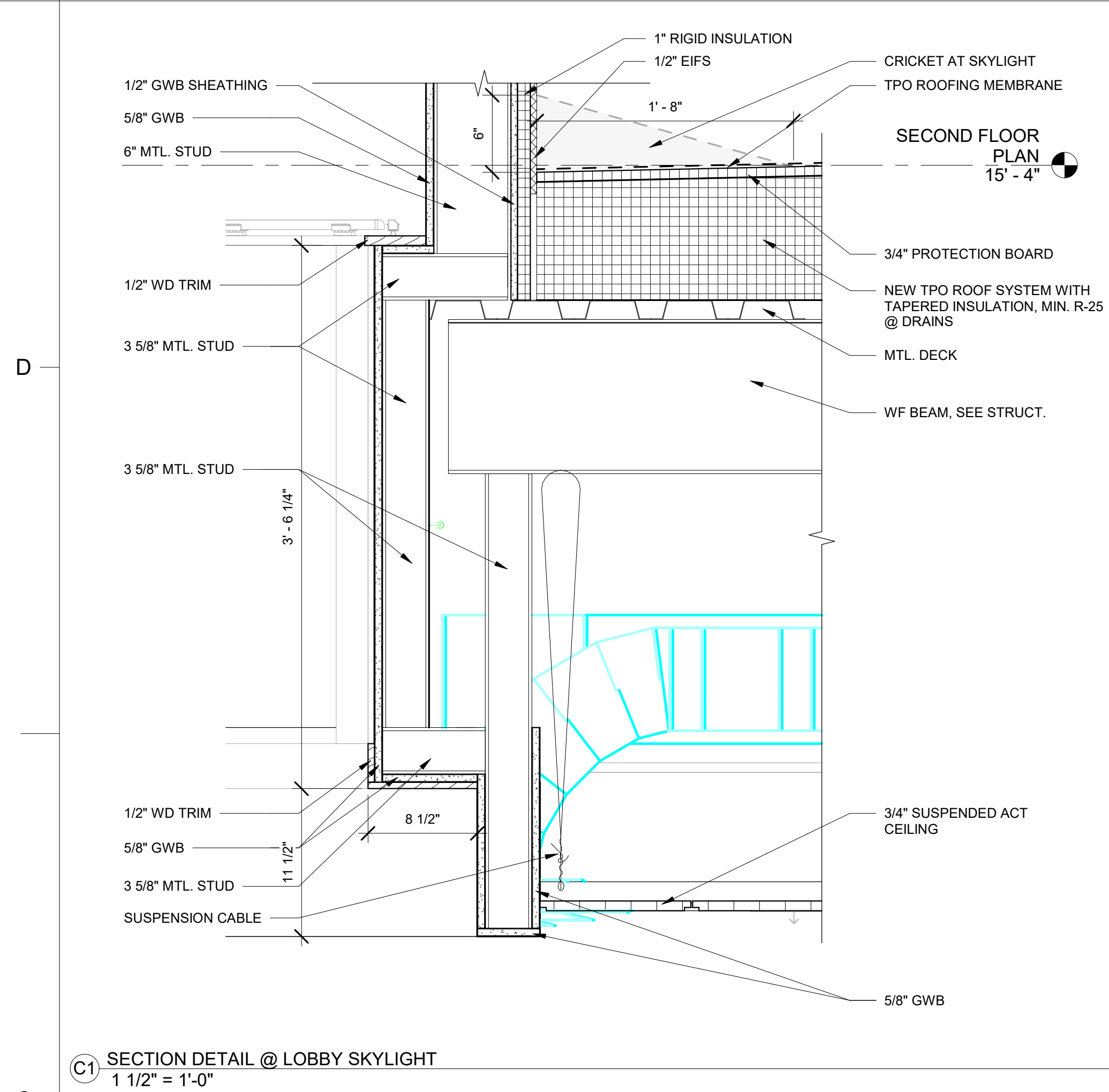
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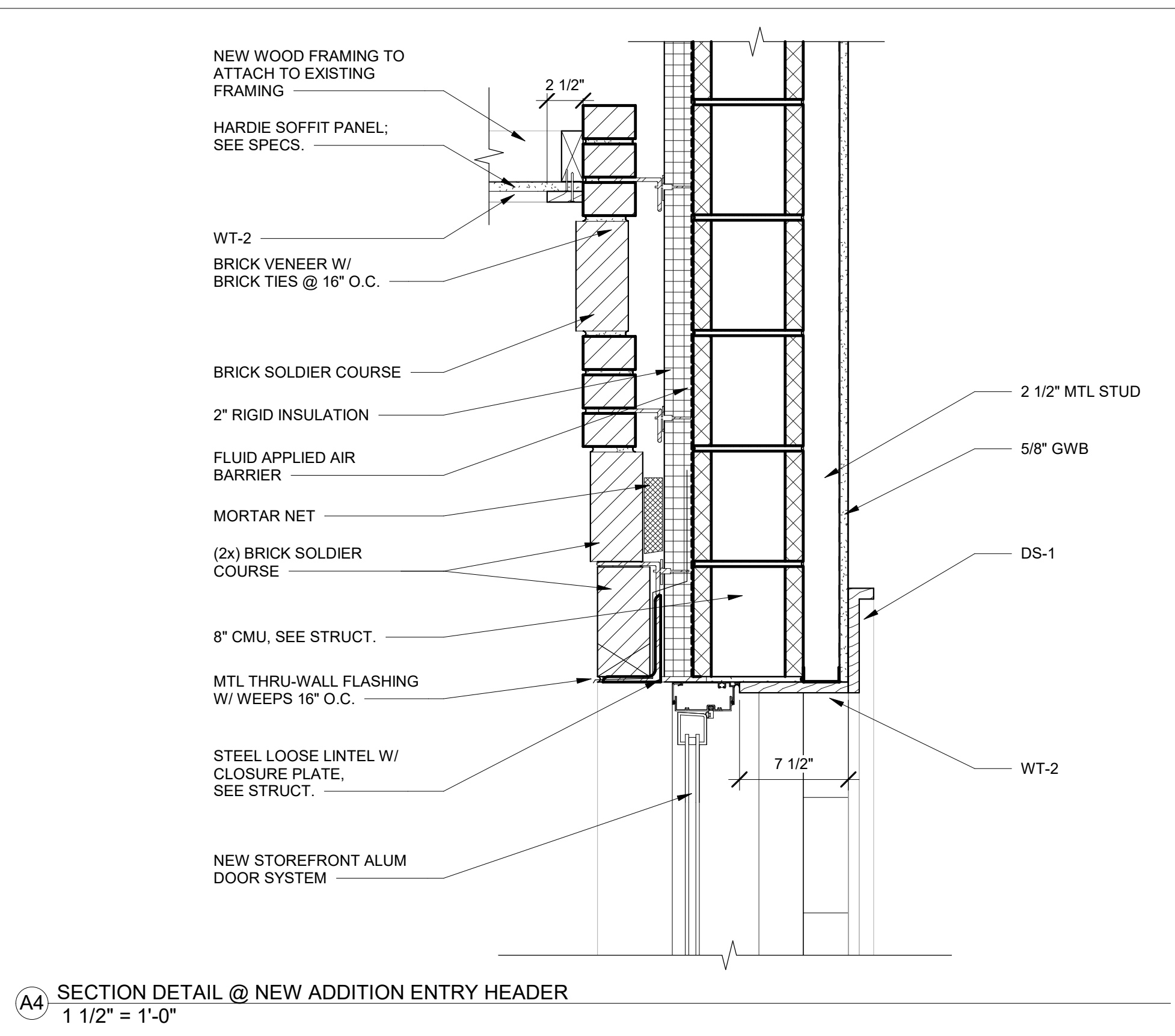
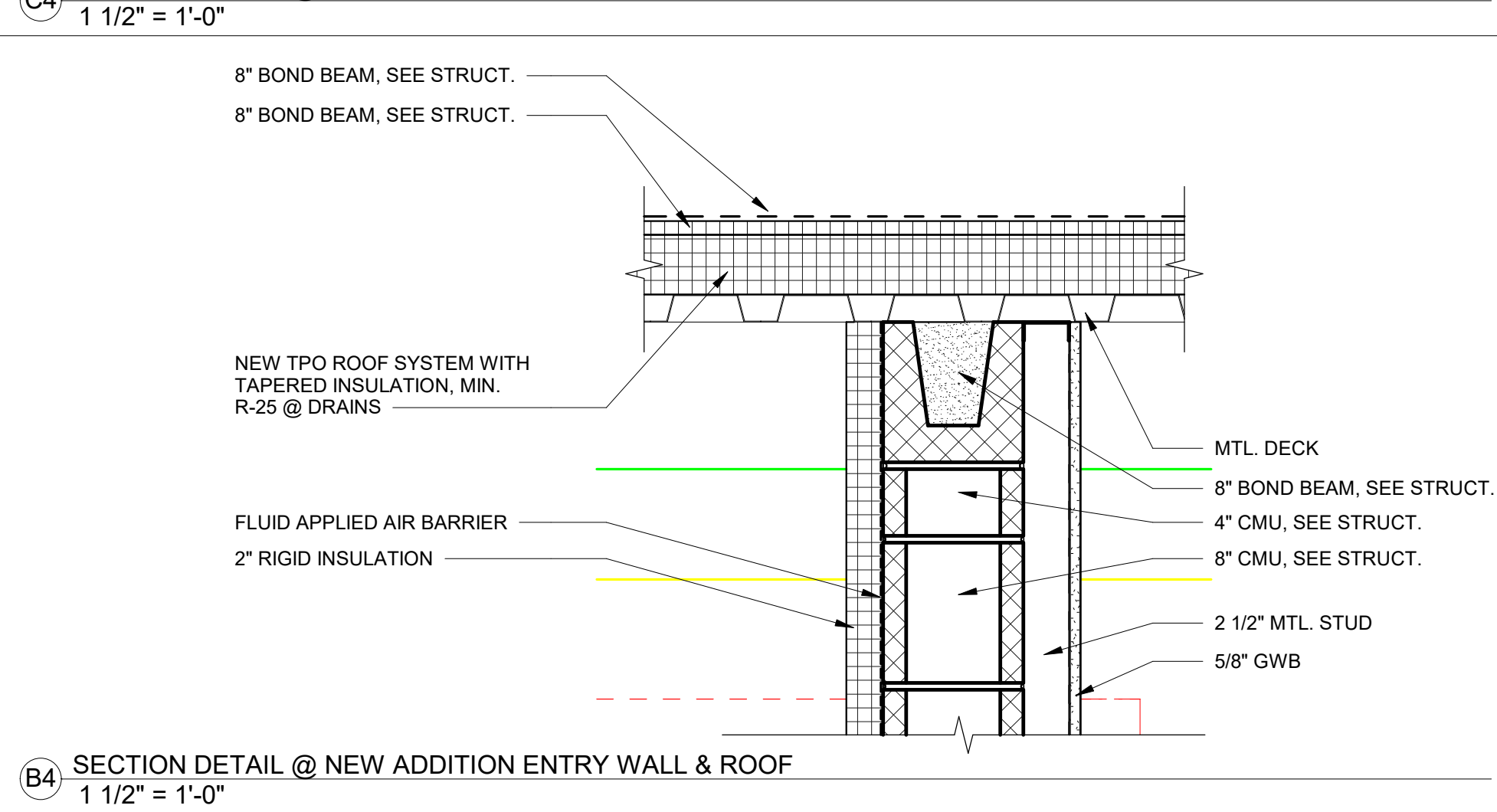
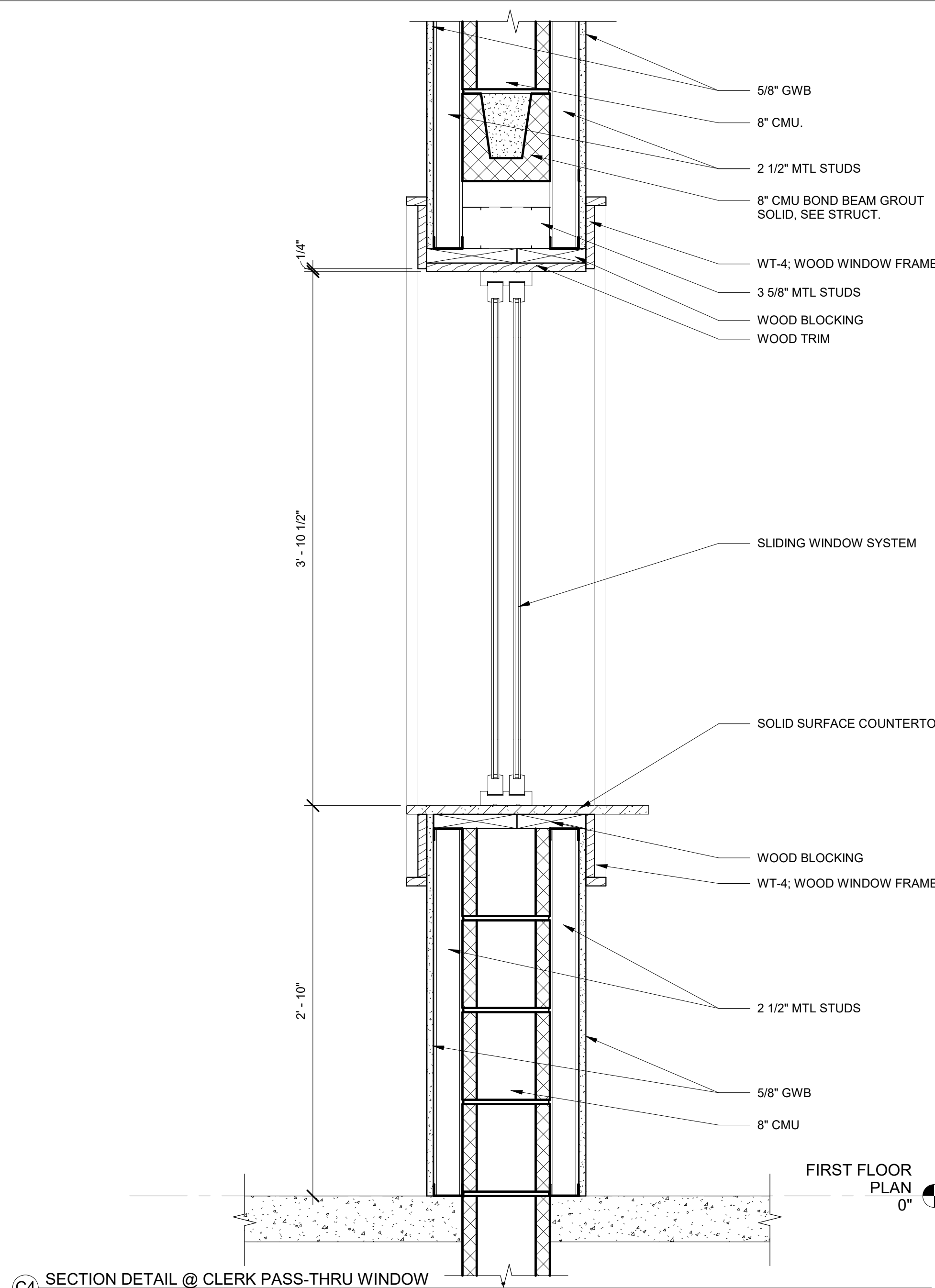
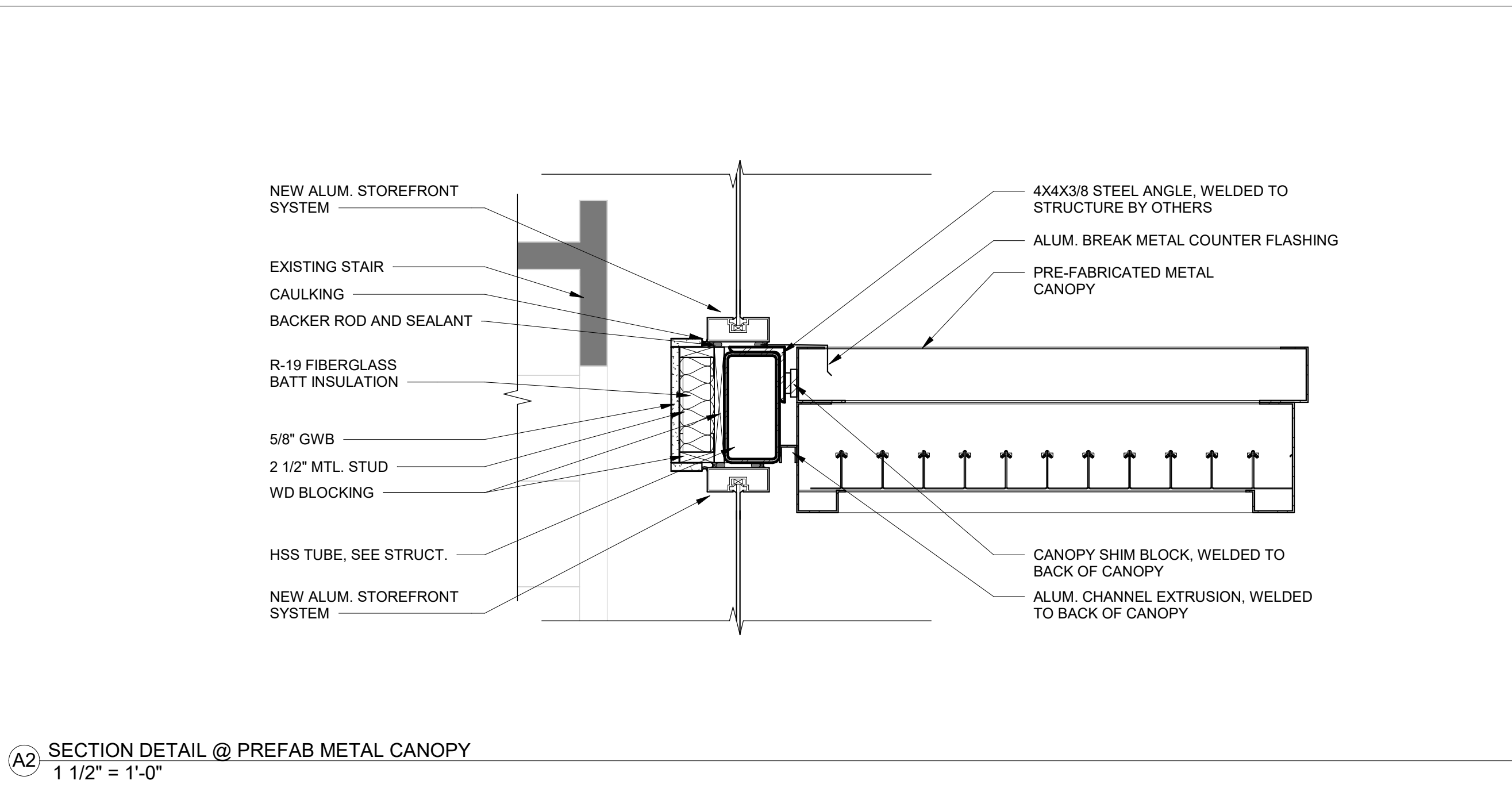
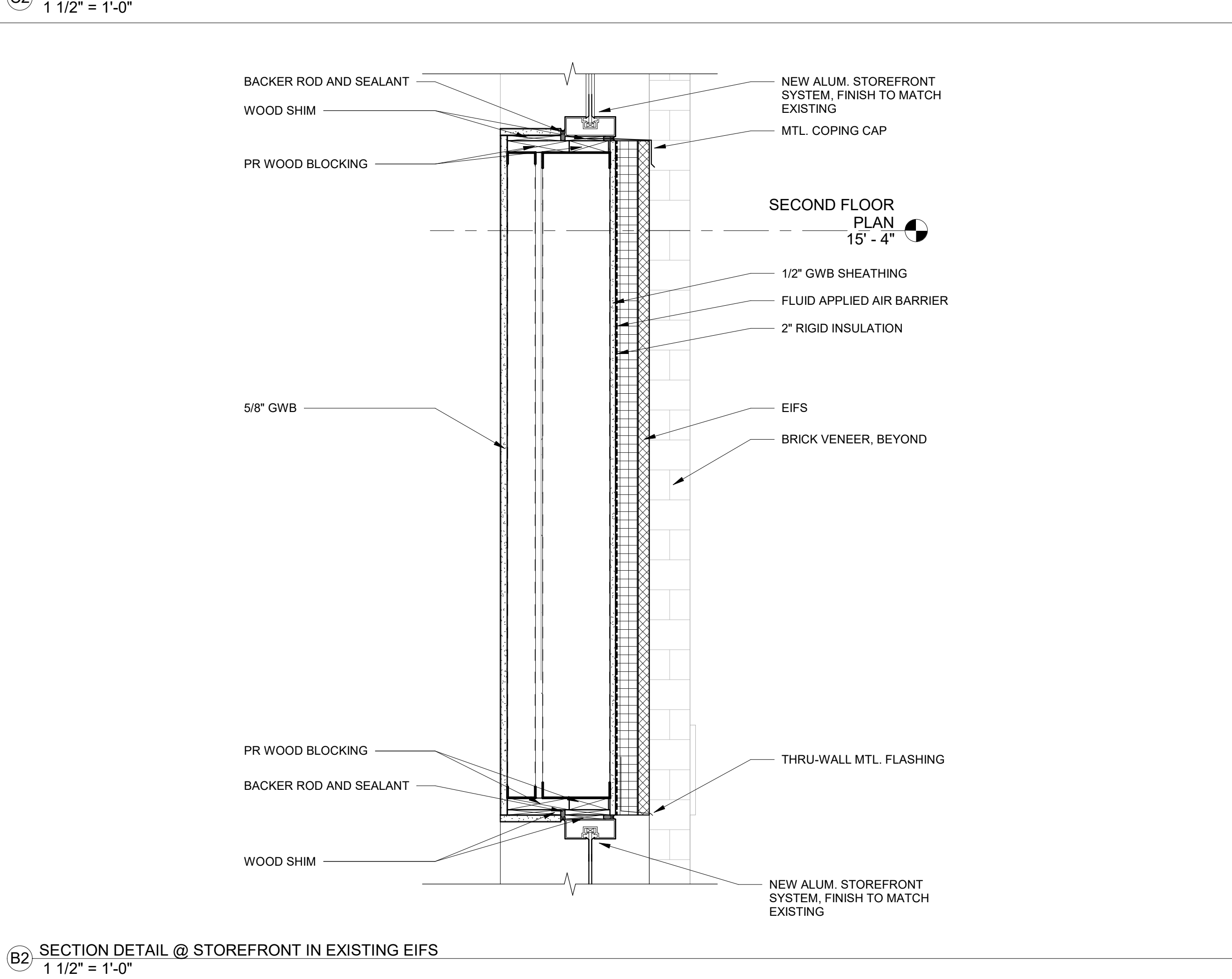
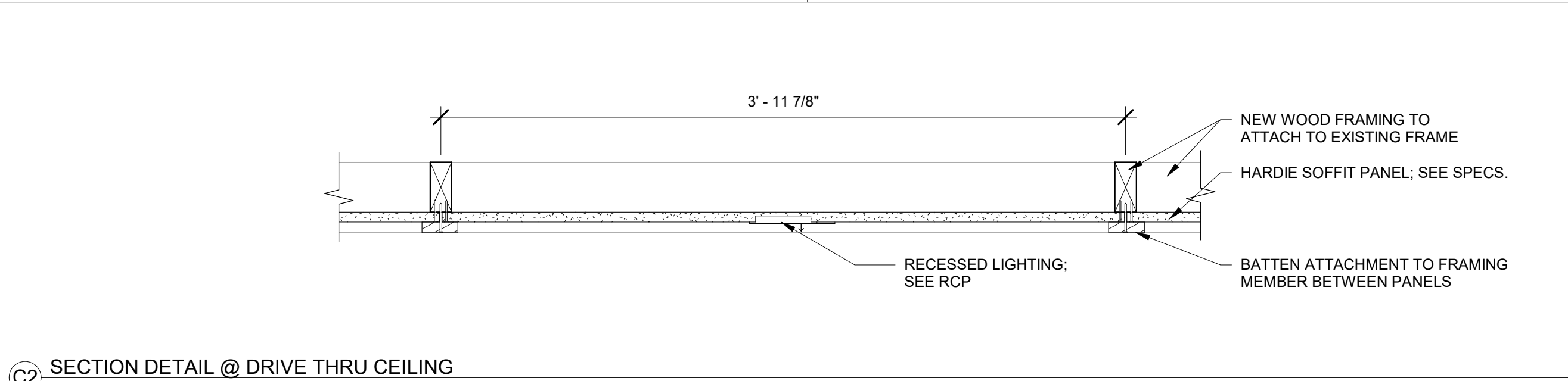
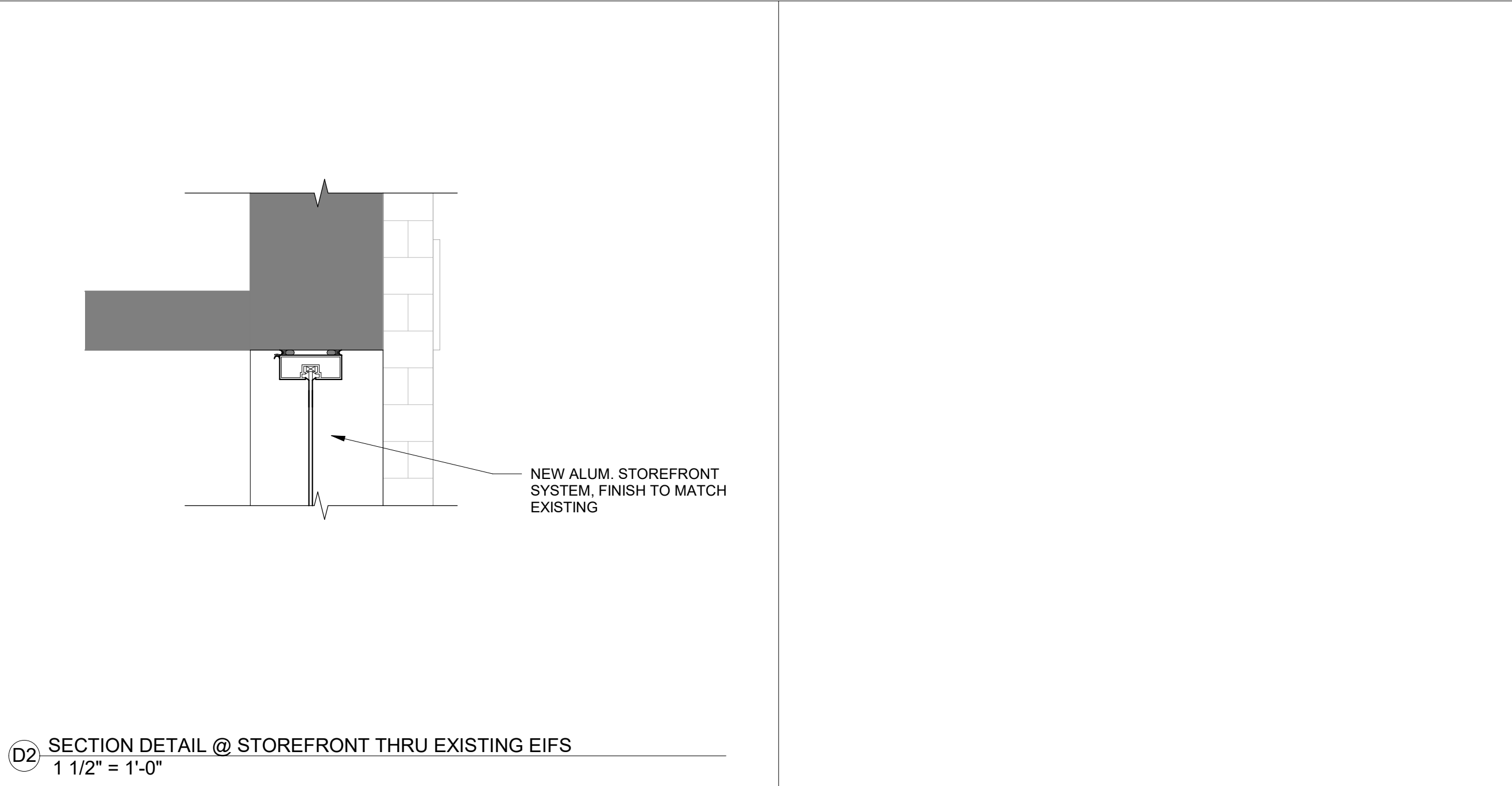
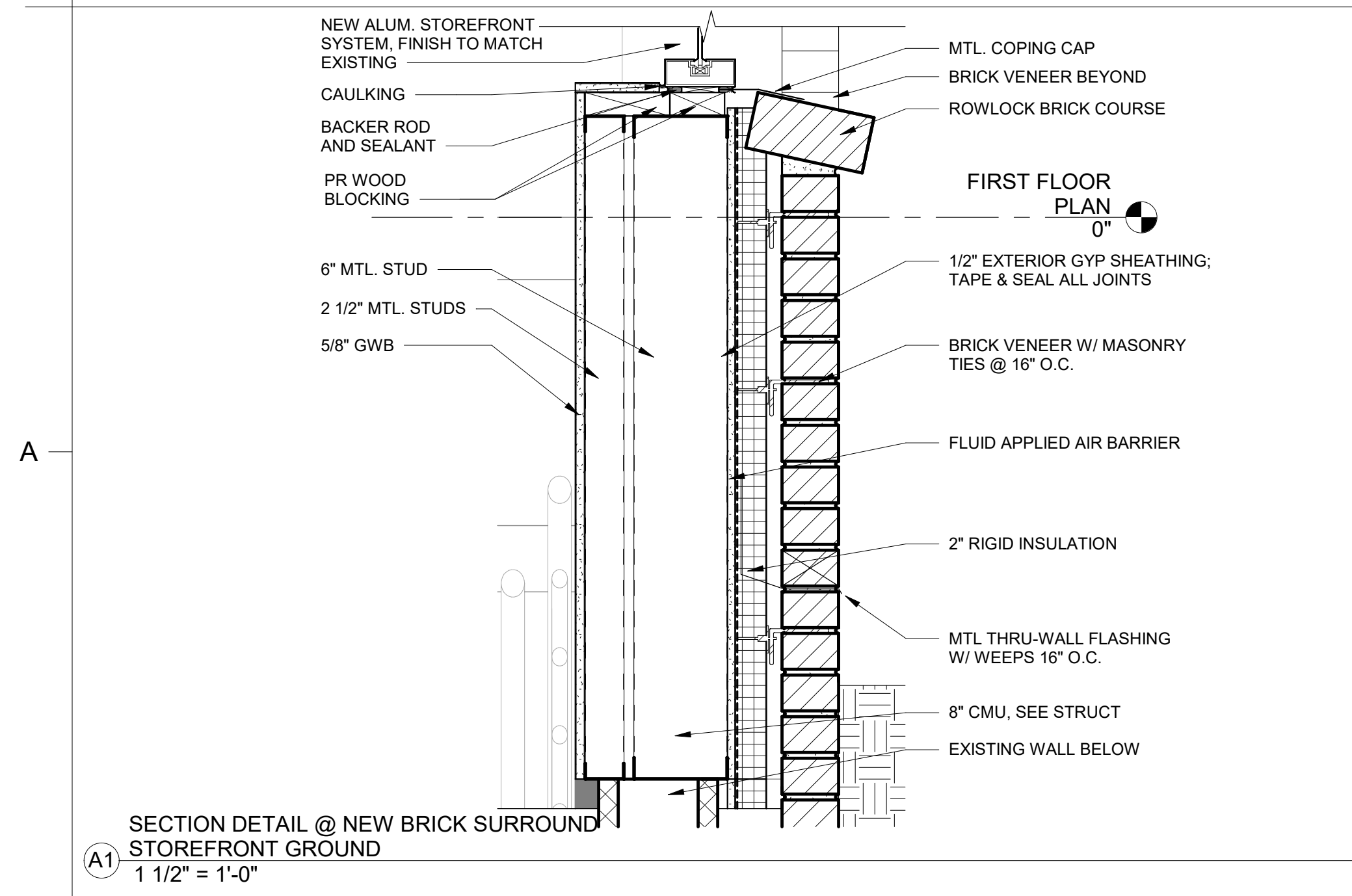
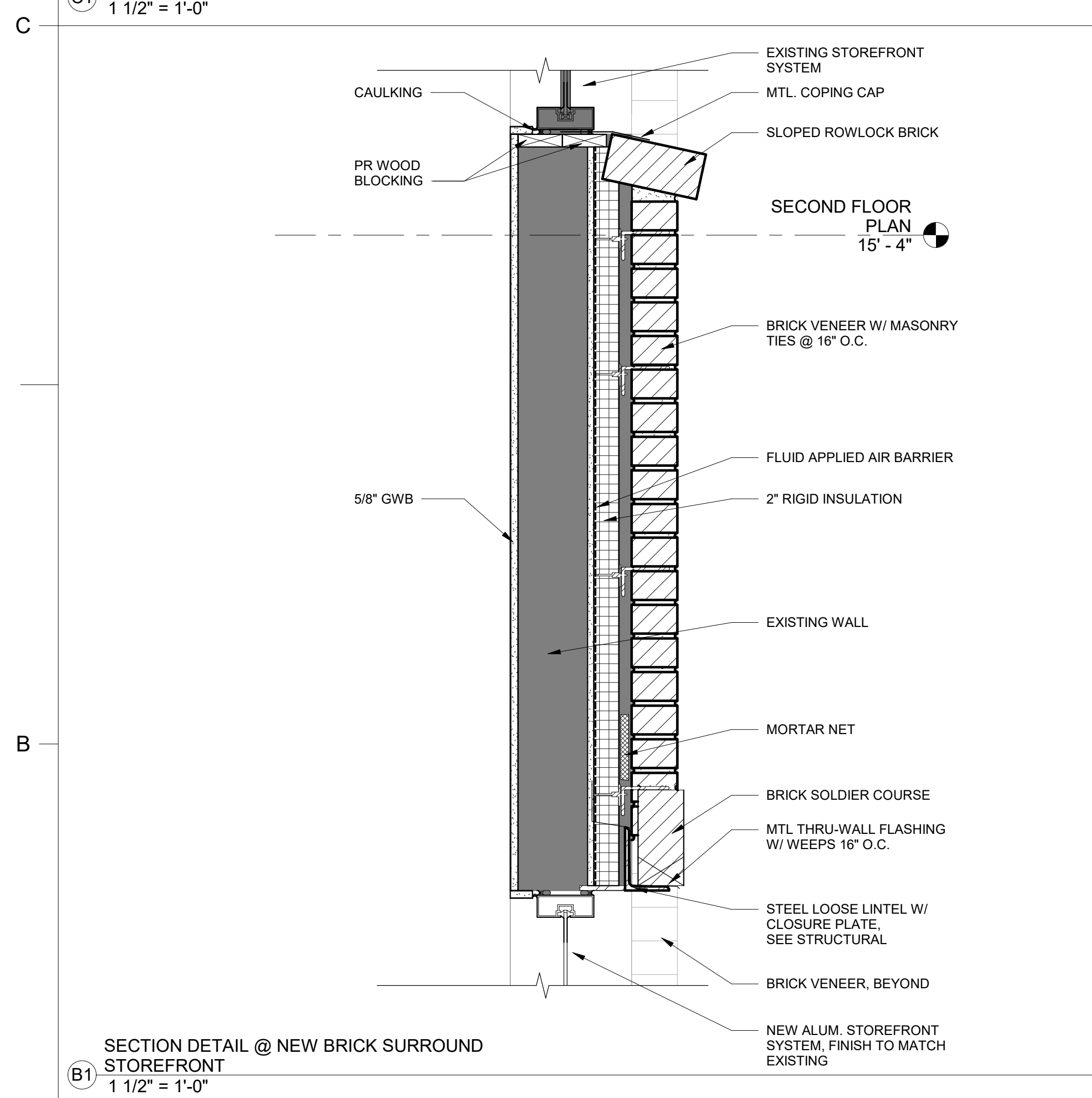
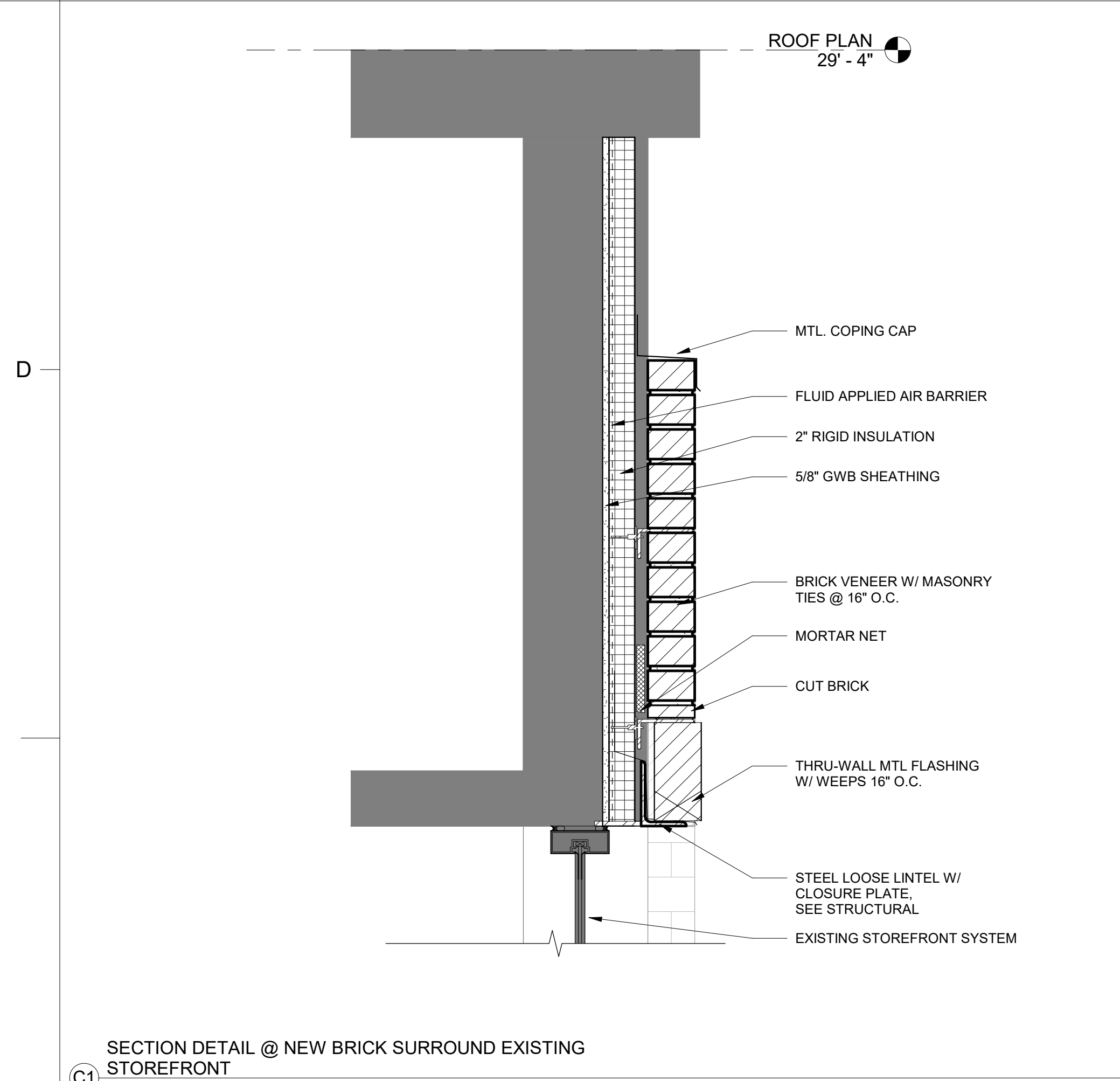
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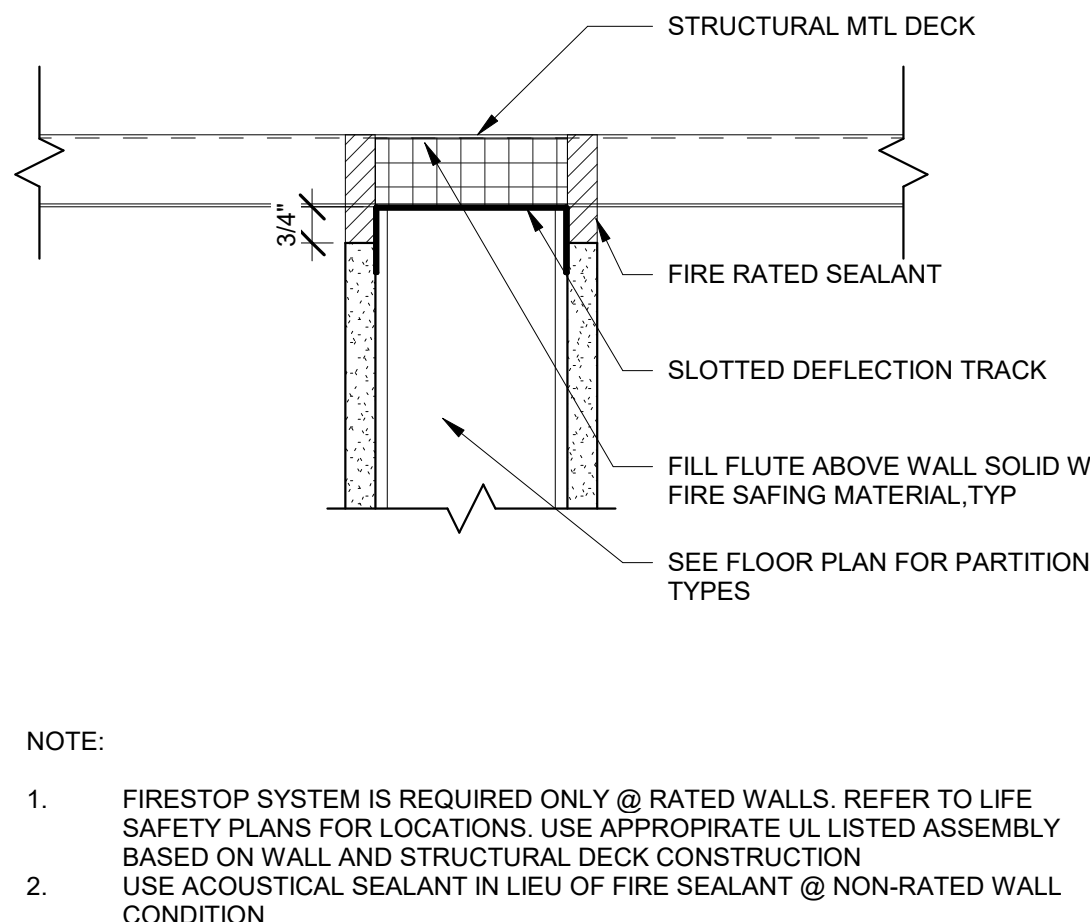
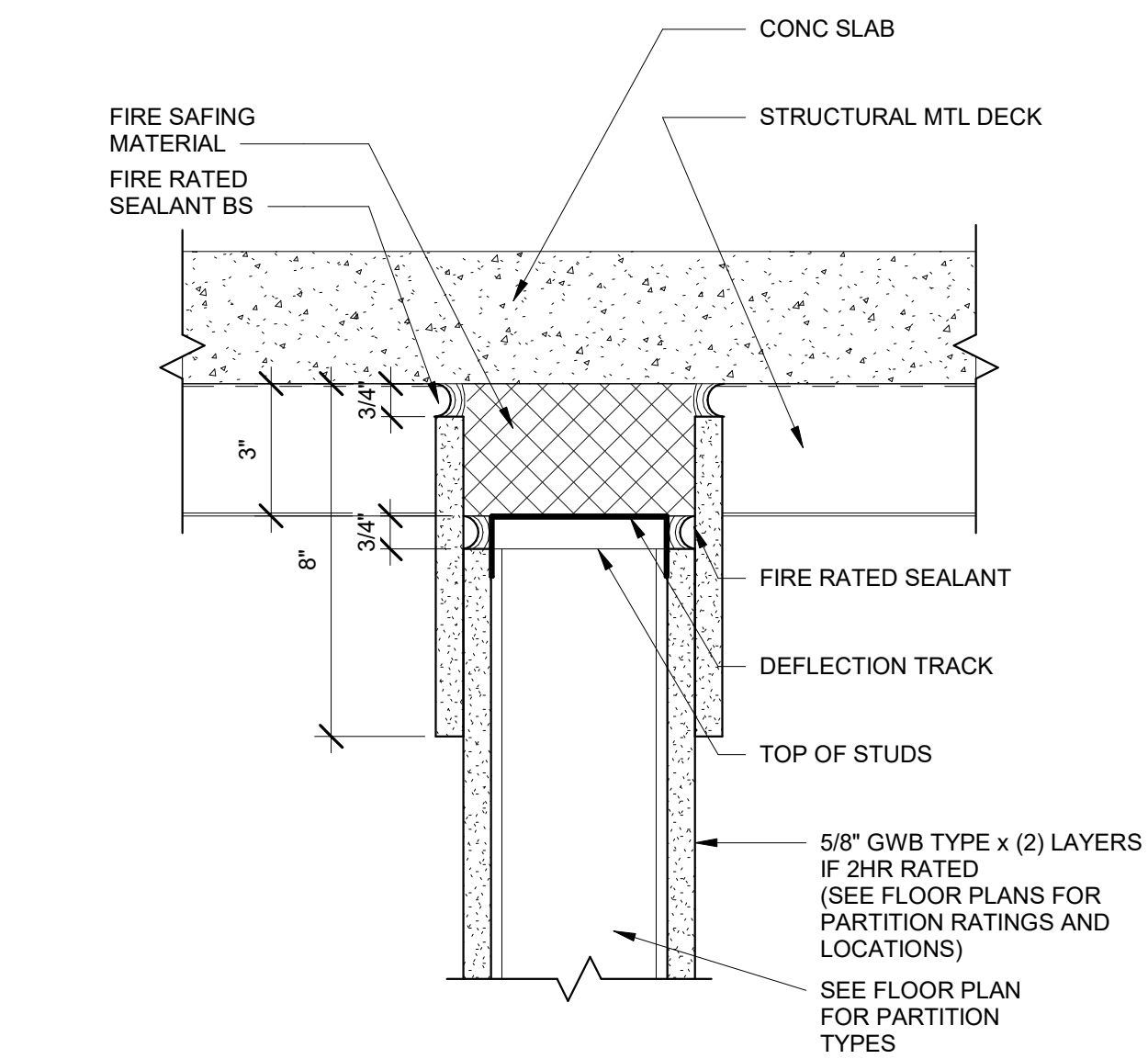
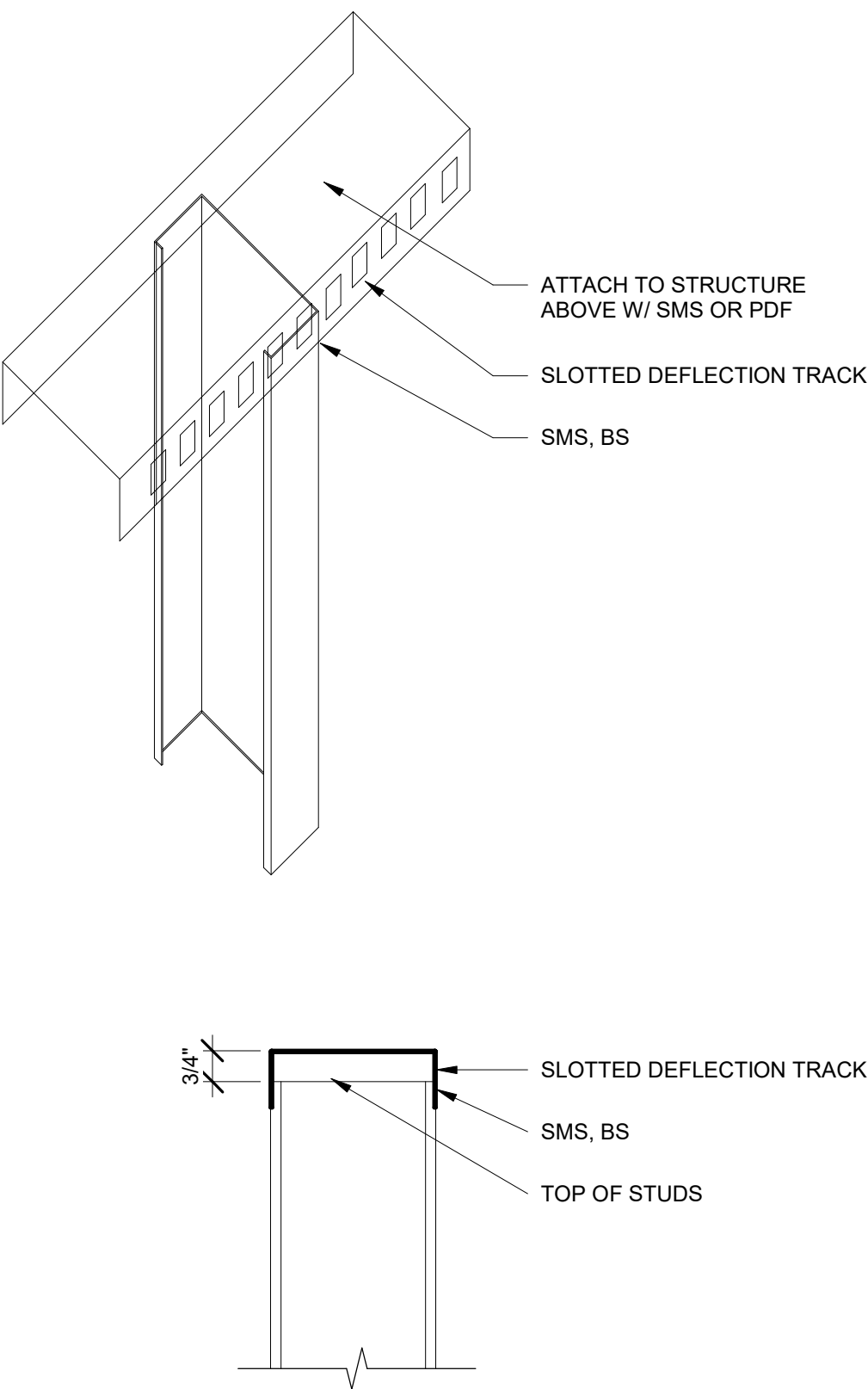
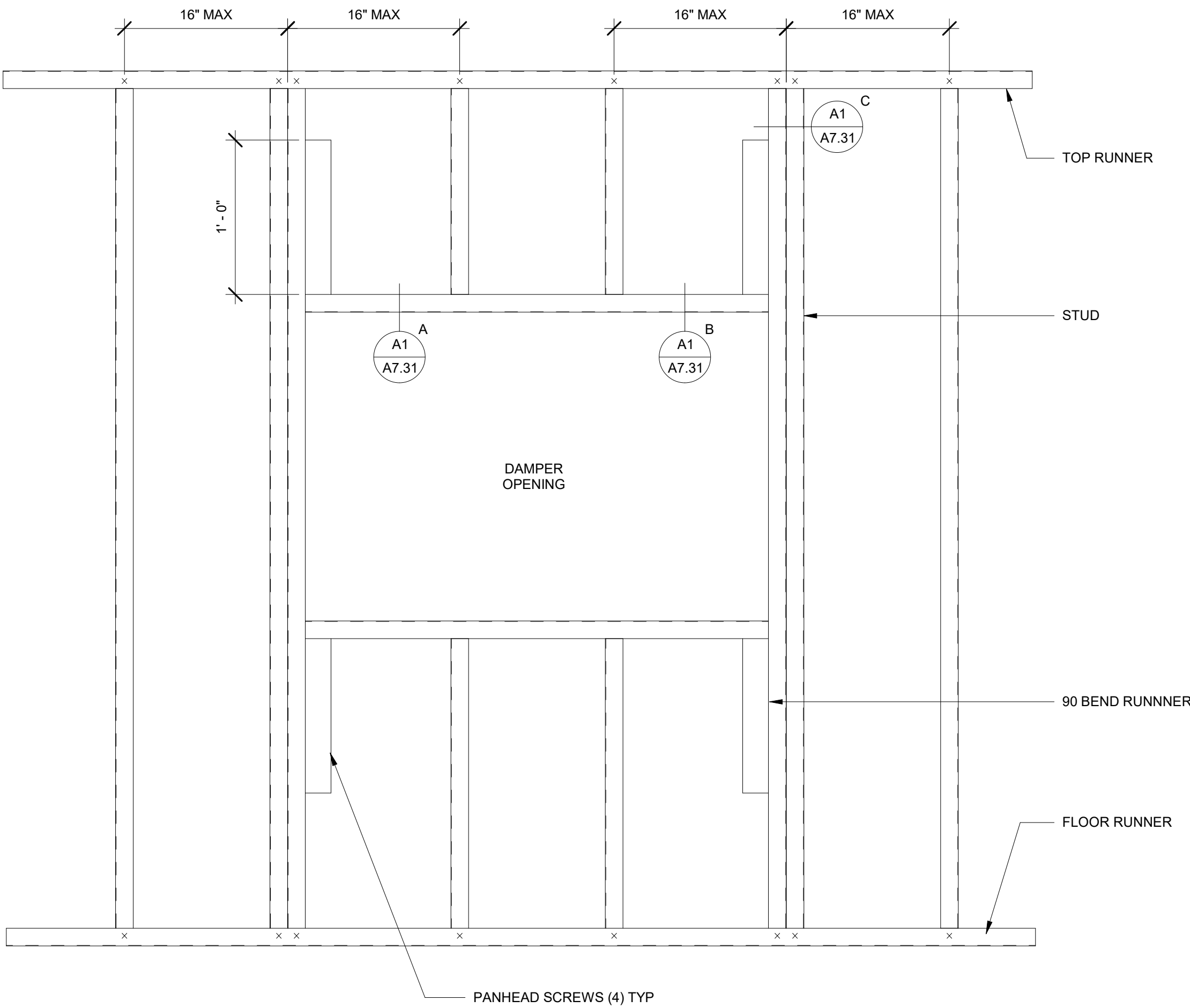
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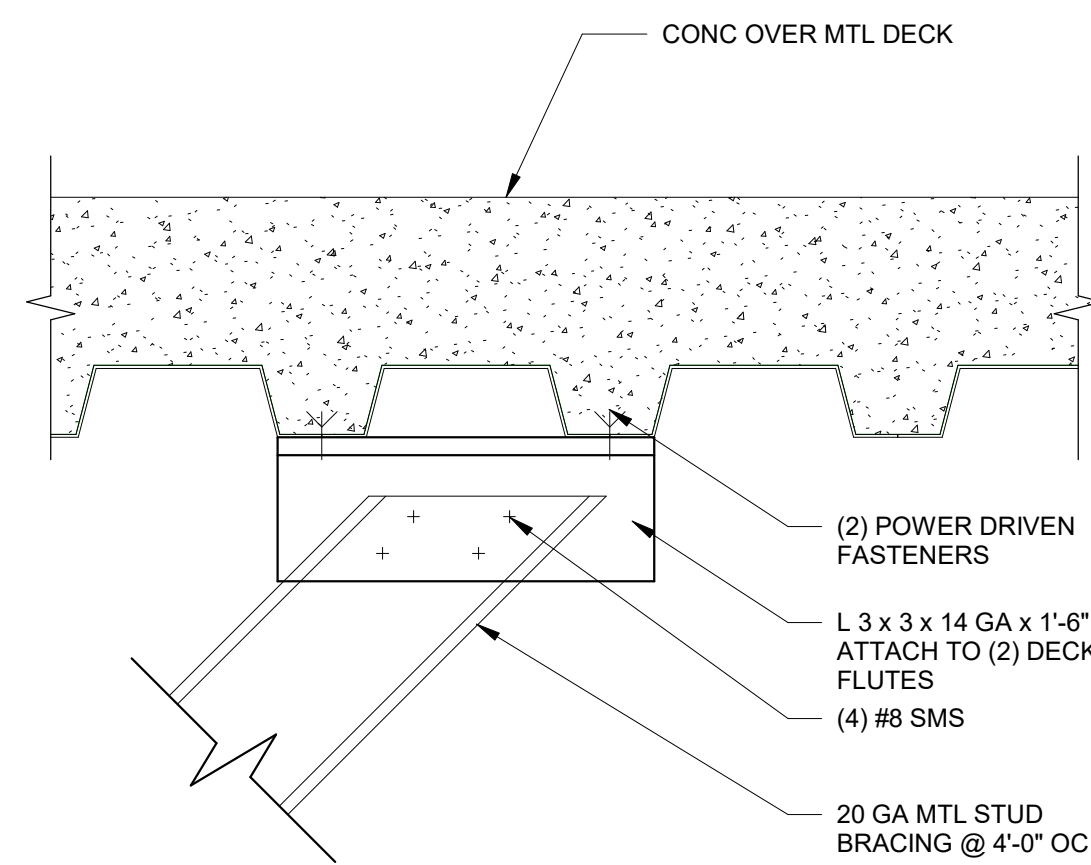
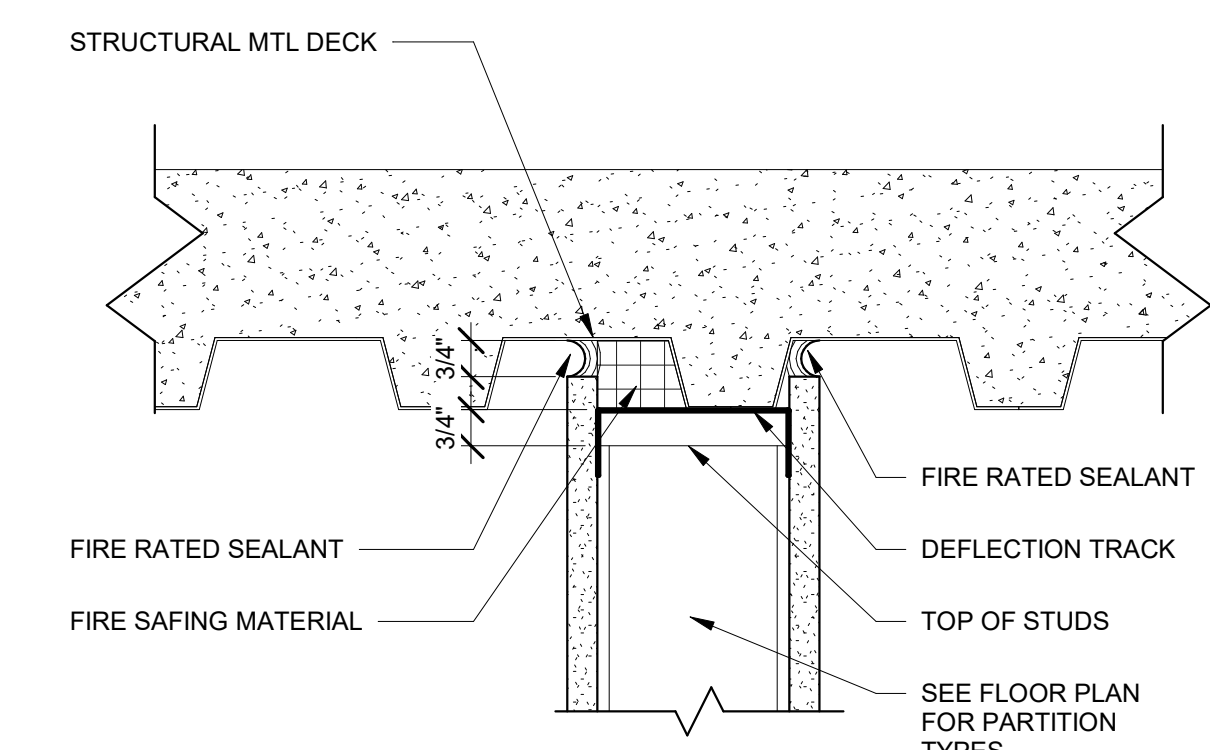
C

B

NOTES:
1. GWB PANELS SHALL BE SCREWED ON ALL STUDS & RUNNER FLANGES ON 12" MAX CENTERS, SURROUNDING THE OPENING



NOTE:
1. FIRESTOP SYSTEM IS REQUIRED ONLY @ RATED WALLS. REFER TO LIFE SAFETY PLANS FOR LOCATIONS. USE APPROPRIATE UL LISTED ASSEMBLY BASED ON WALL AND STRUCTURAL DECK CONSTRUCTION.
2. USE ACOUSTICAL SEALANT IN LIEU OF FIRE SEALANT @ NON-RATED WALL CONDITION



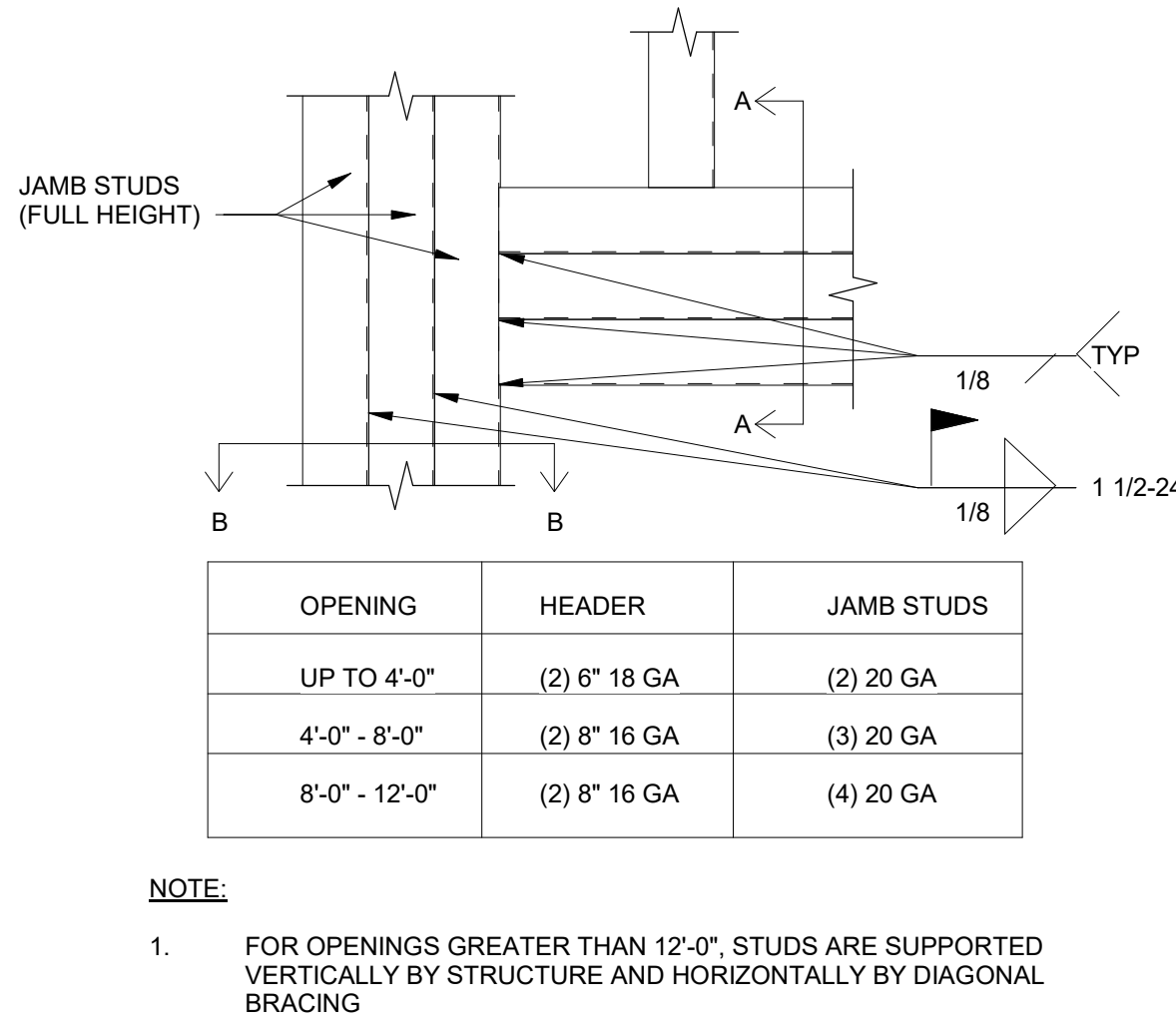
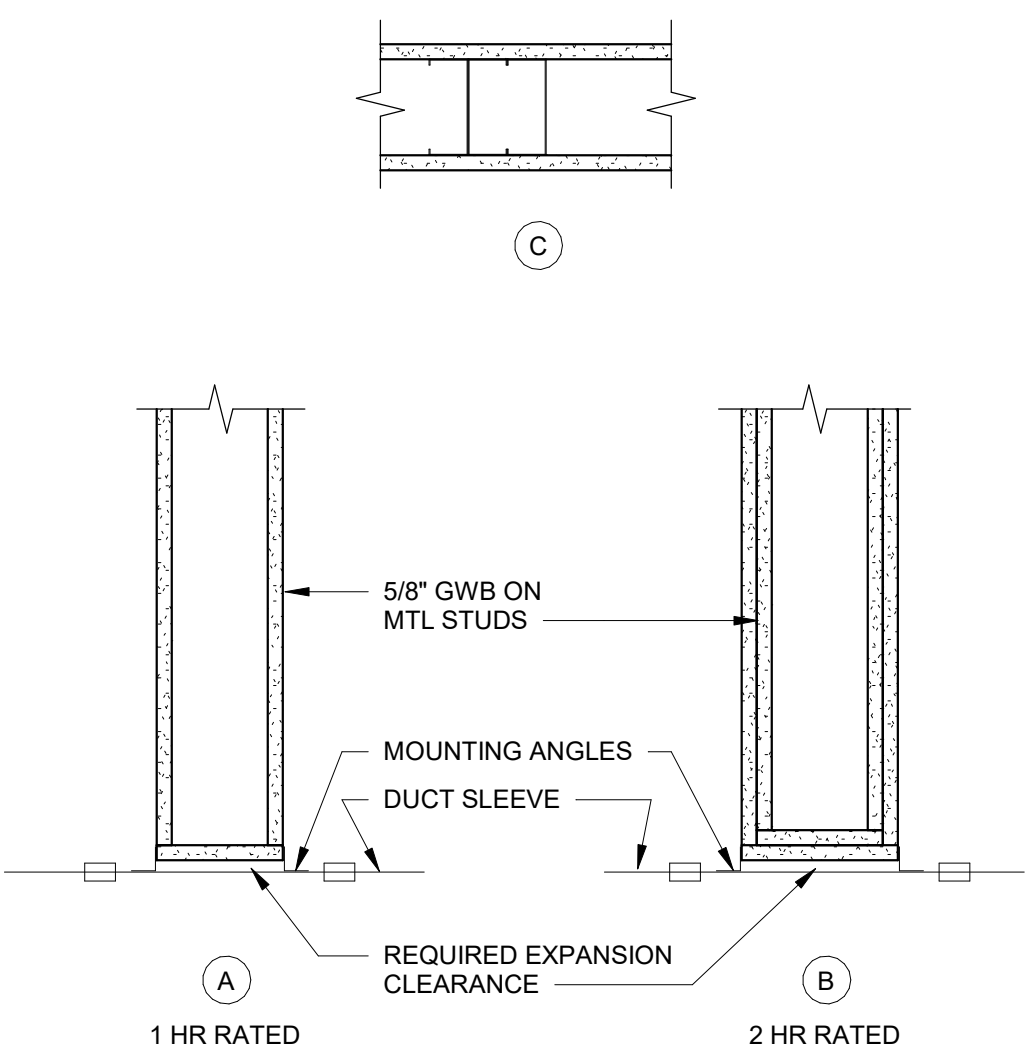
B1 FIRE DAMPER OPENING IN RATED PARTITION
1 1/2" = 1'-0"

B3 DEFLECTION TRACK
3" = 1'-0"

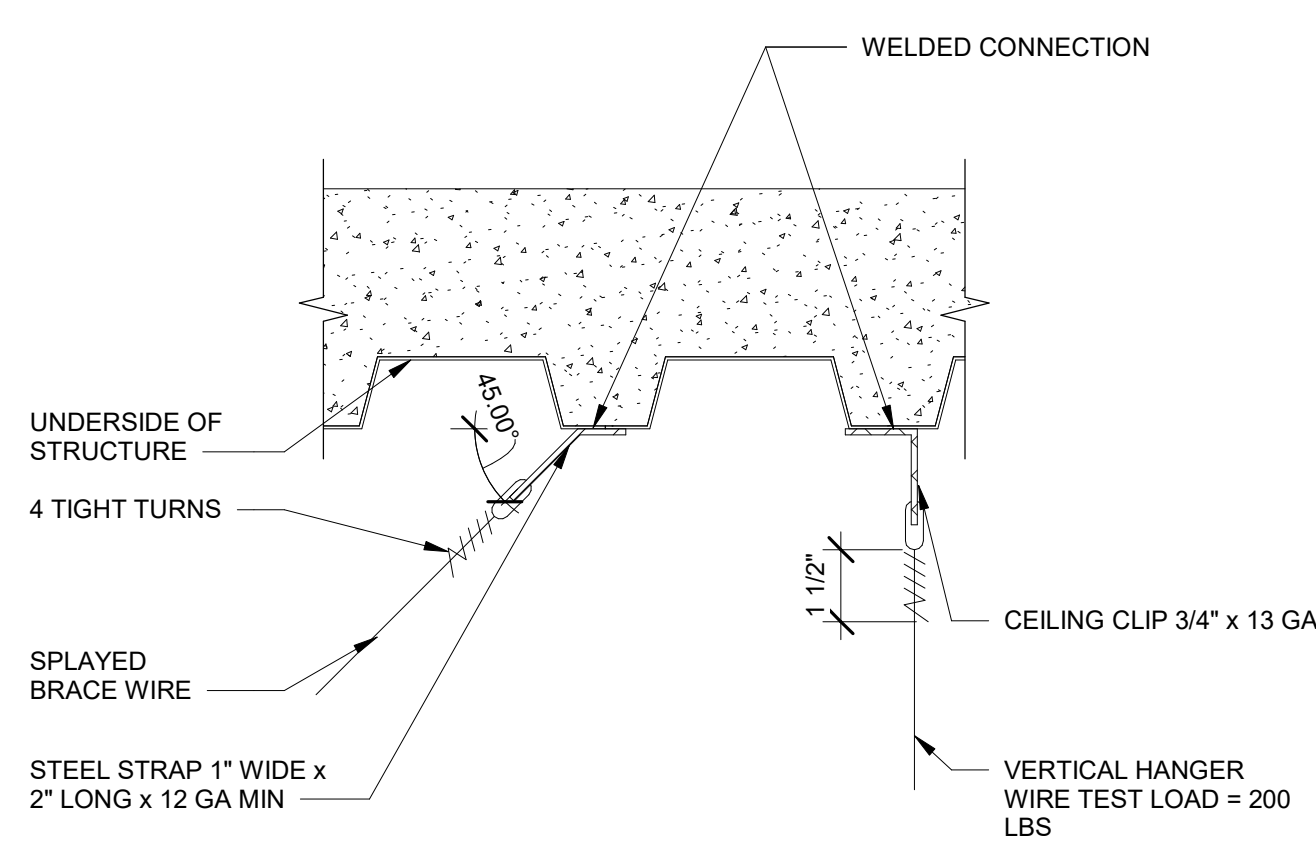
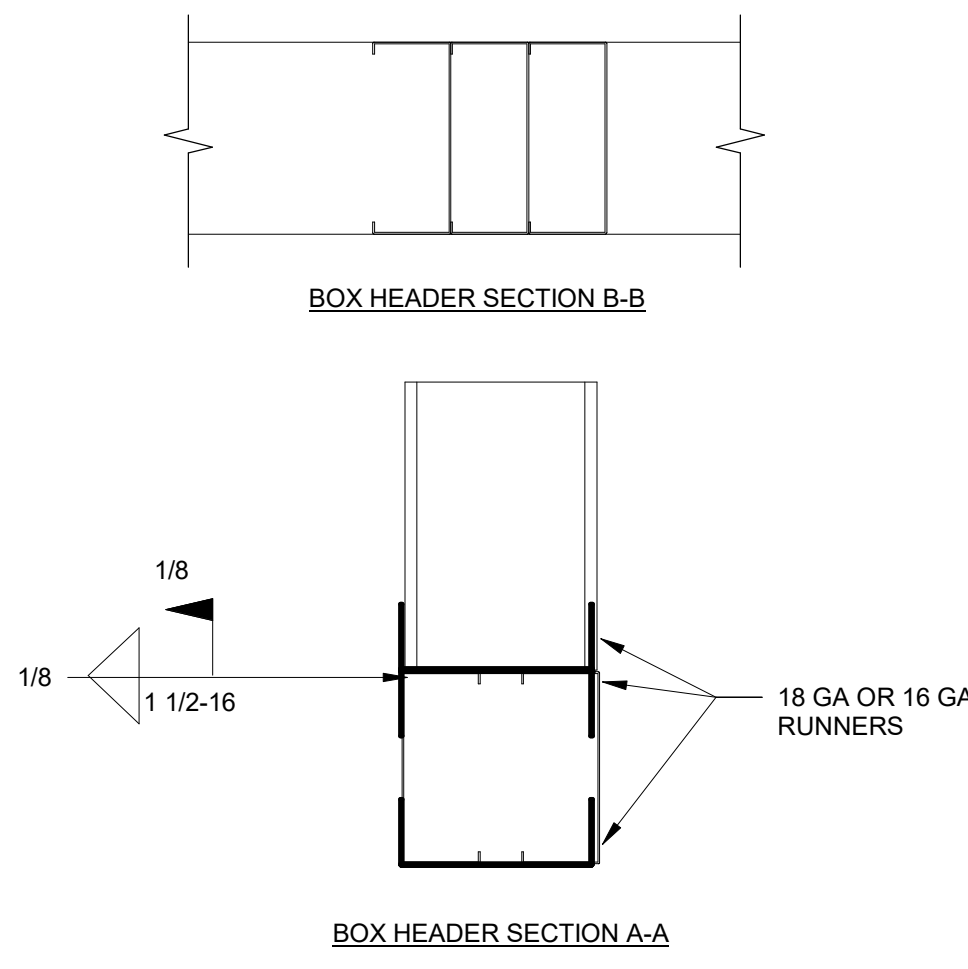
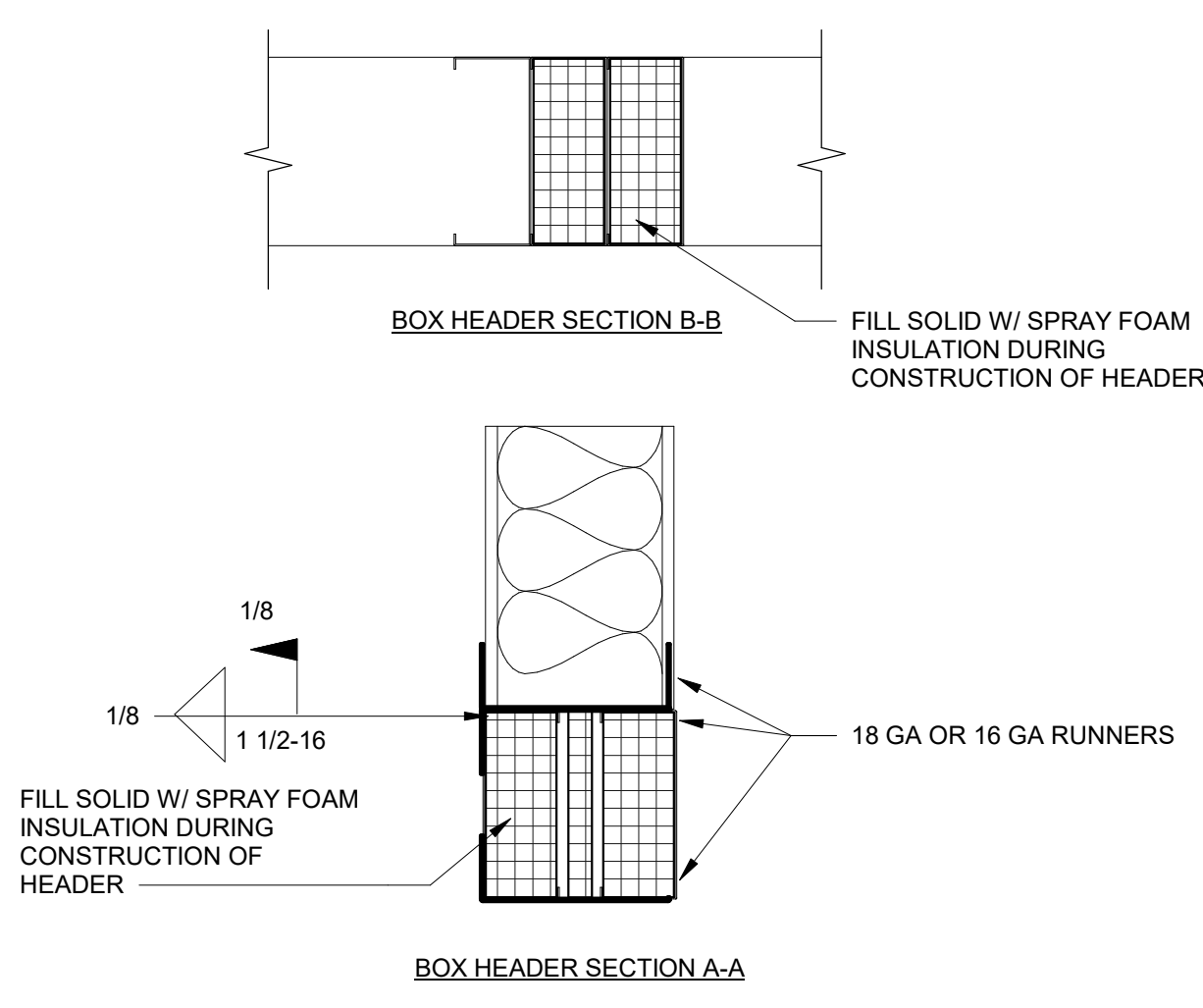
B4 PARTITION - PARALLEL TO RIBS
3" = 1'-0"

B5 BRACE CONNECTION TO METAL DECK
3" = 1'-0"

A



NOTE:
1. FOR OPENINGS GREATER THAN 12'-0", STUDS ARE SUPPORTED VERTICALLY BY STRUCTURE AND HORIZONTALLY BY DIAGONAL BRACING



A1 FIRE DAMPER FRAMING DETAILS
1 1/2" = 1'-0"

A2 STUD BOX HEADER SCHEDULE
3" = 1'-0"

A3 STUD BOX HEADER DETAIL W/ INSULATION
3" = 1'-0"

A4 STUD BOX HEADER DETAIL
3" = 1'-0"

A5 HANGER WIRE ANCHORAGE
3" = 1'-0"

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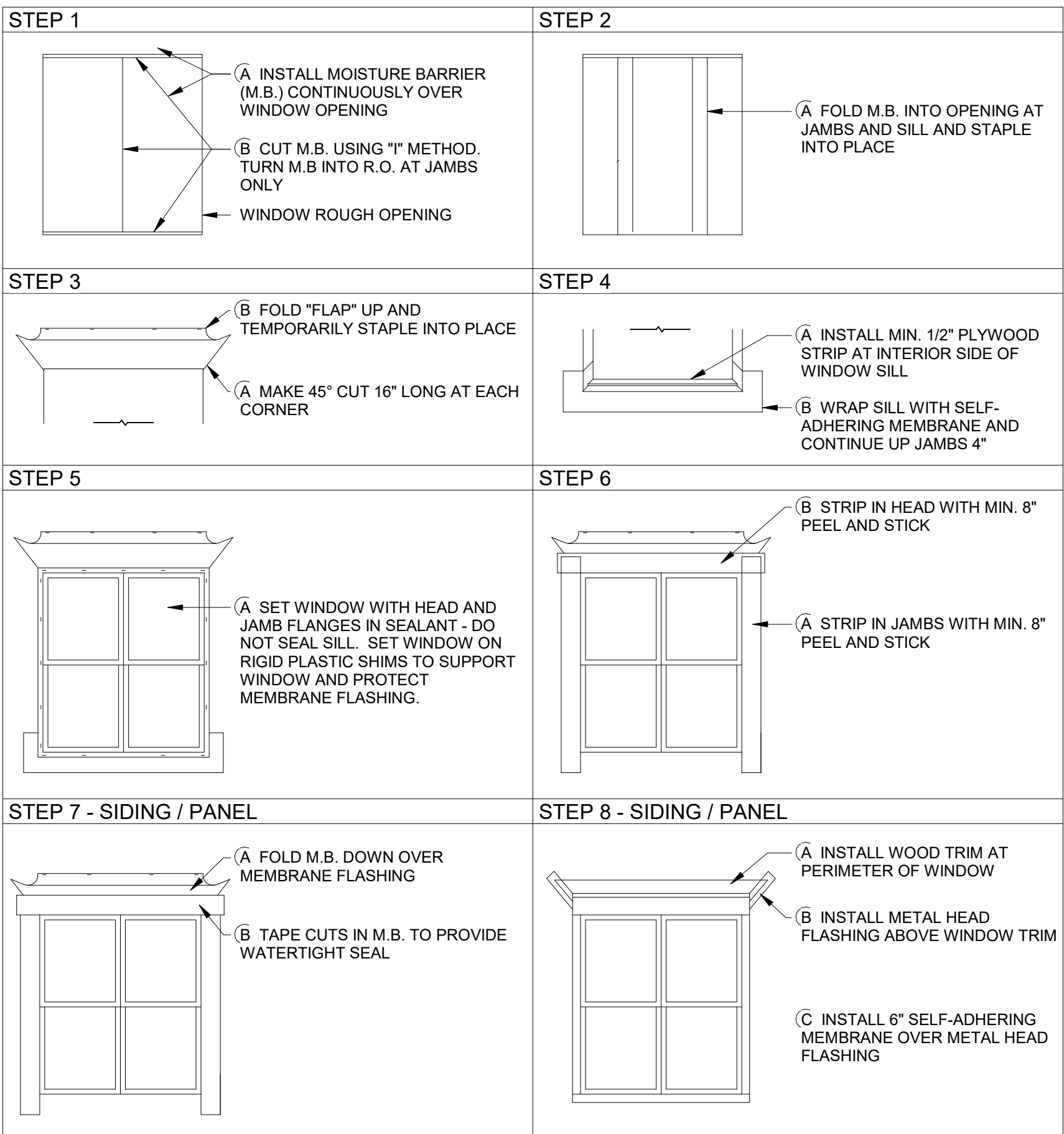
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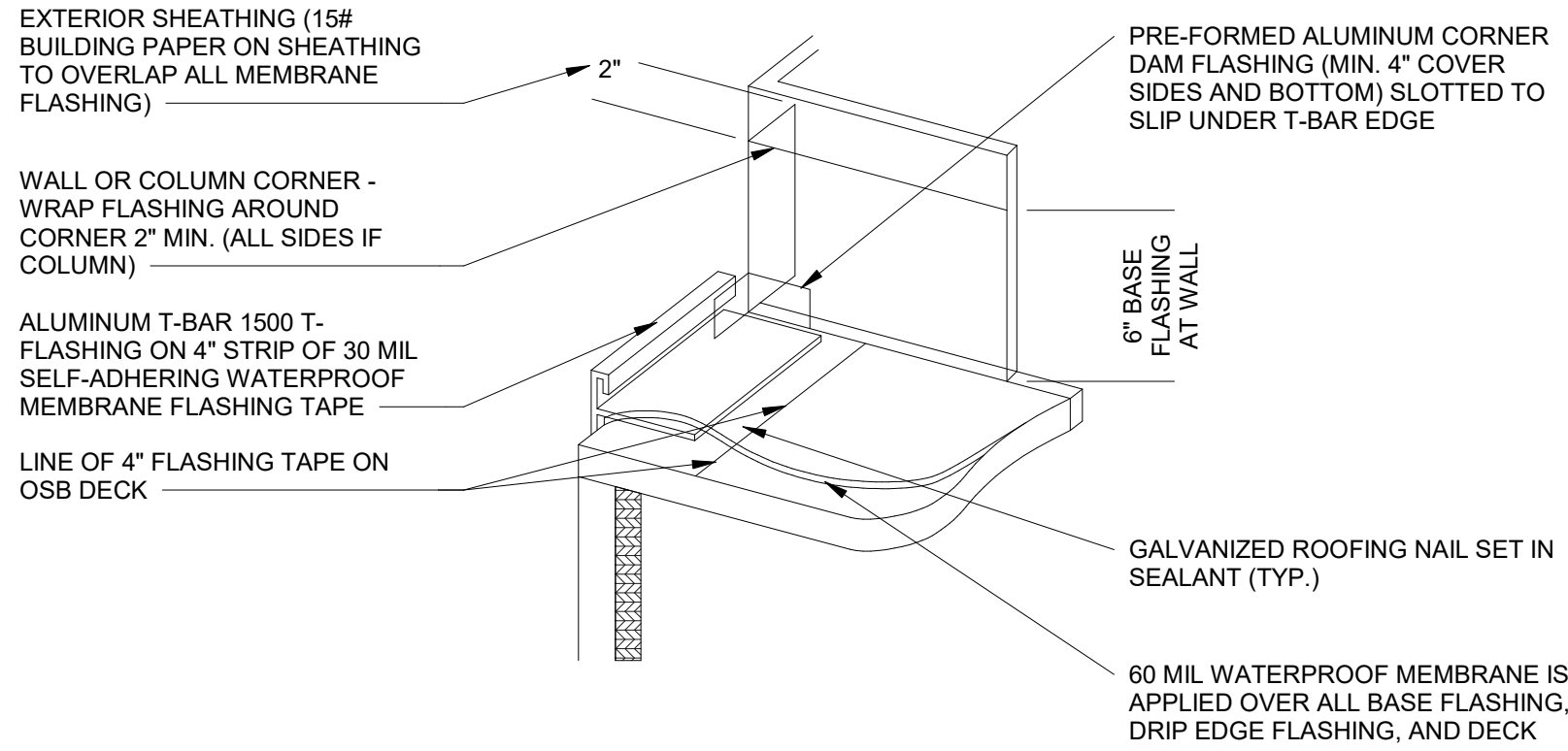
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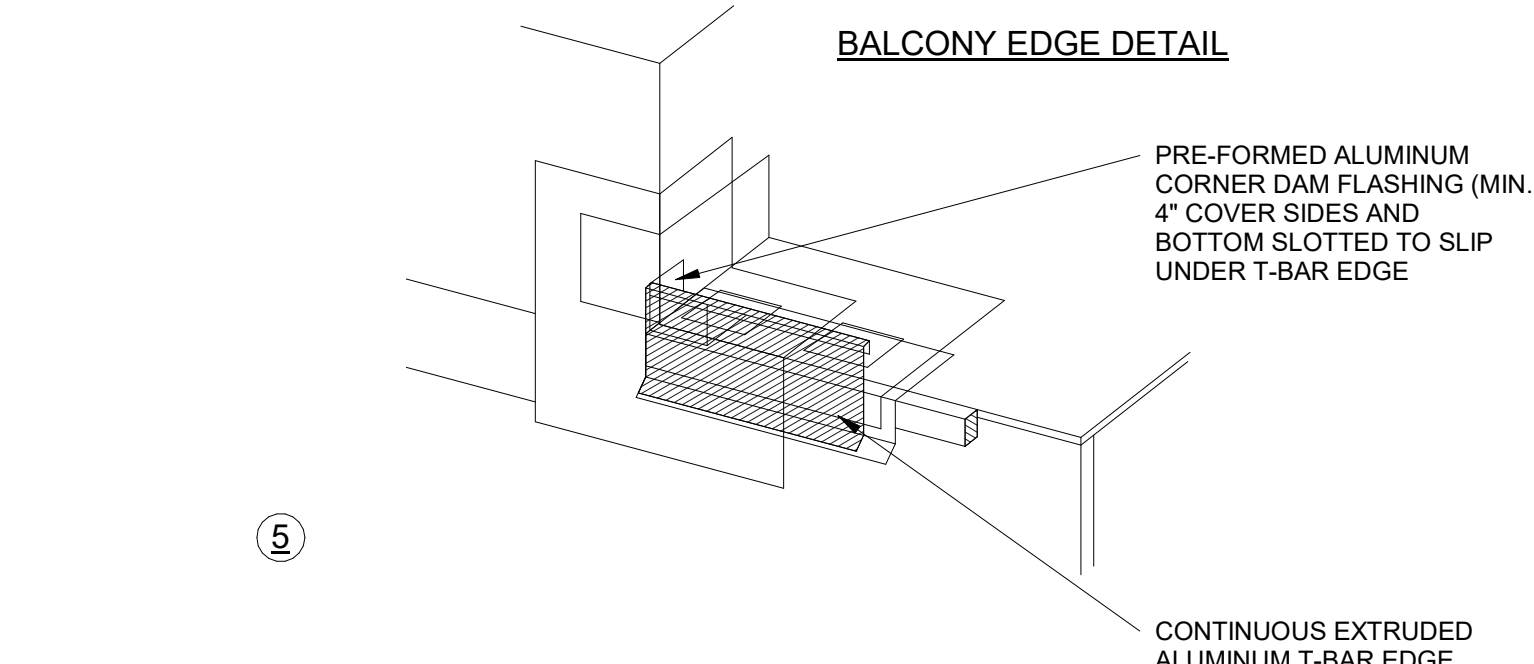


C1 WINDOW FLASHING INSTALLATION SEQUENCE AT MASONRY
1/4" = 1'-0"

B

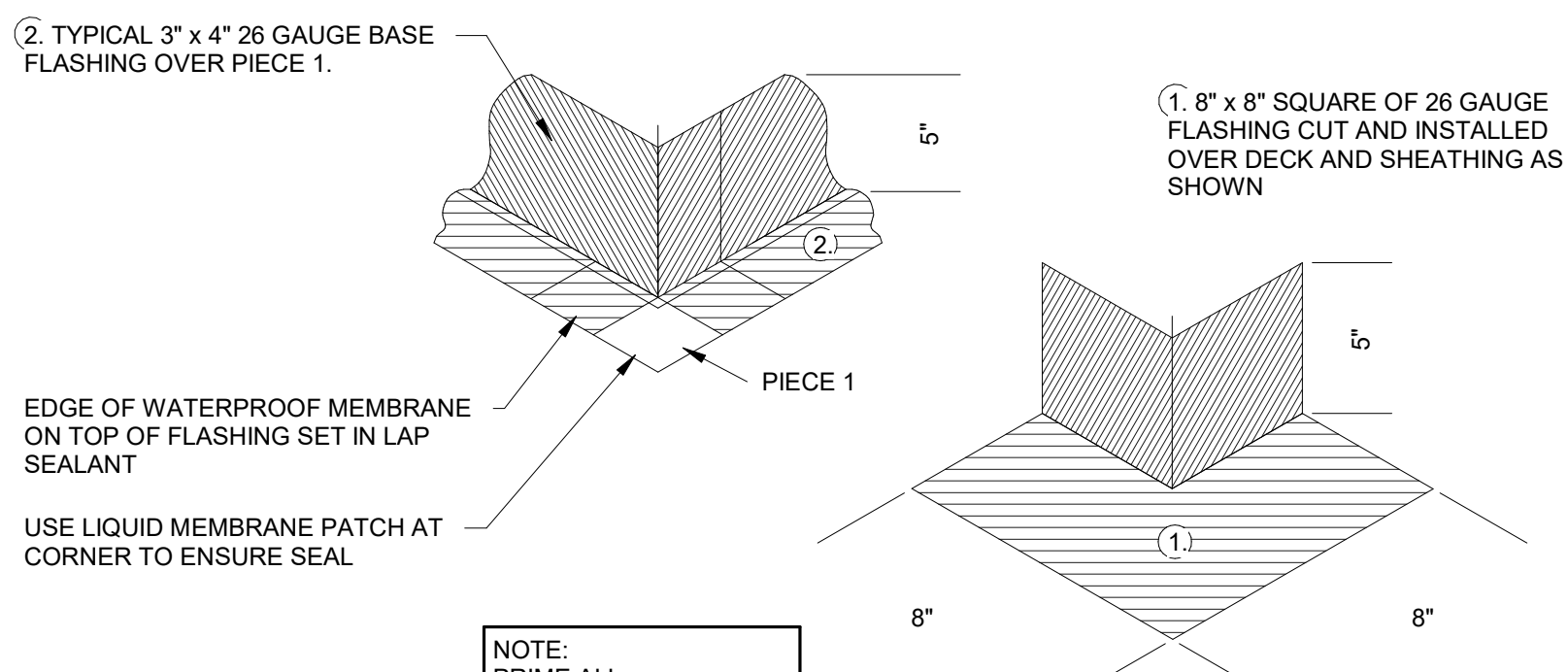
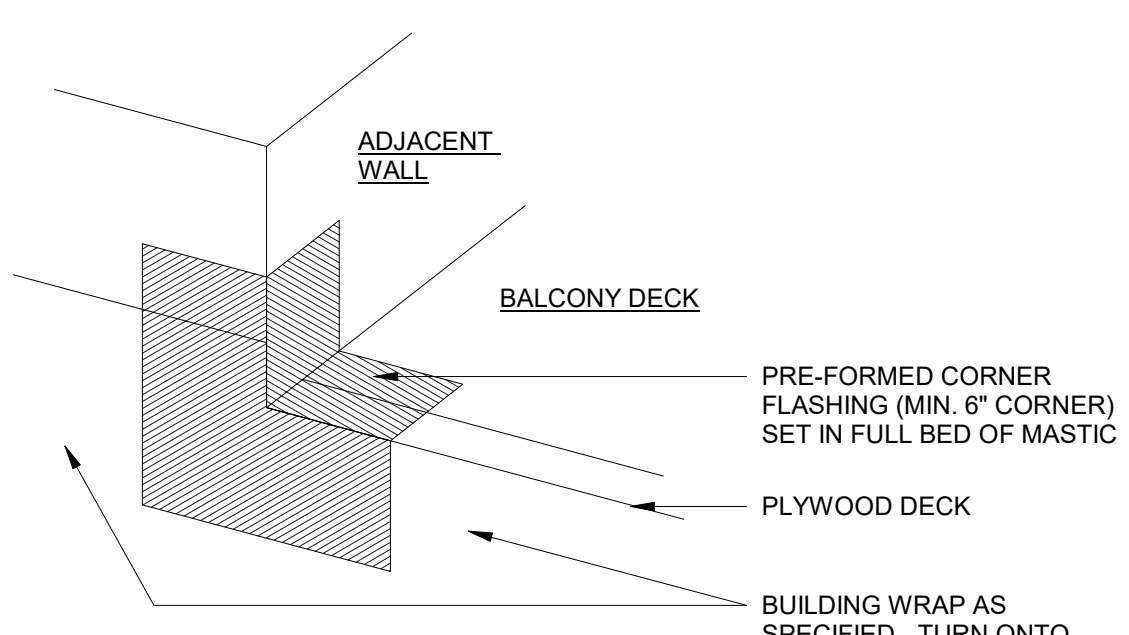
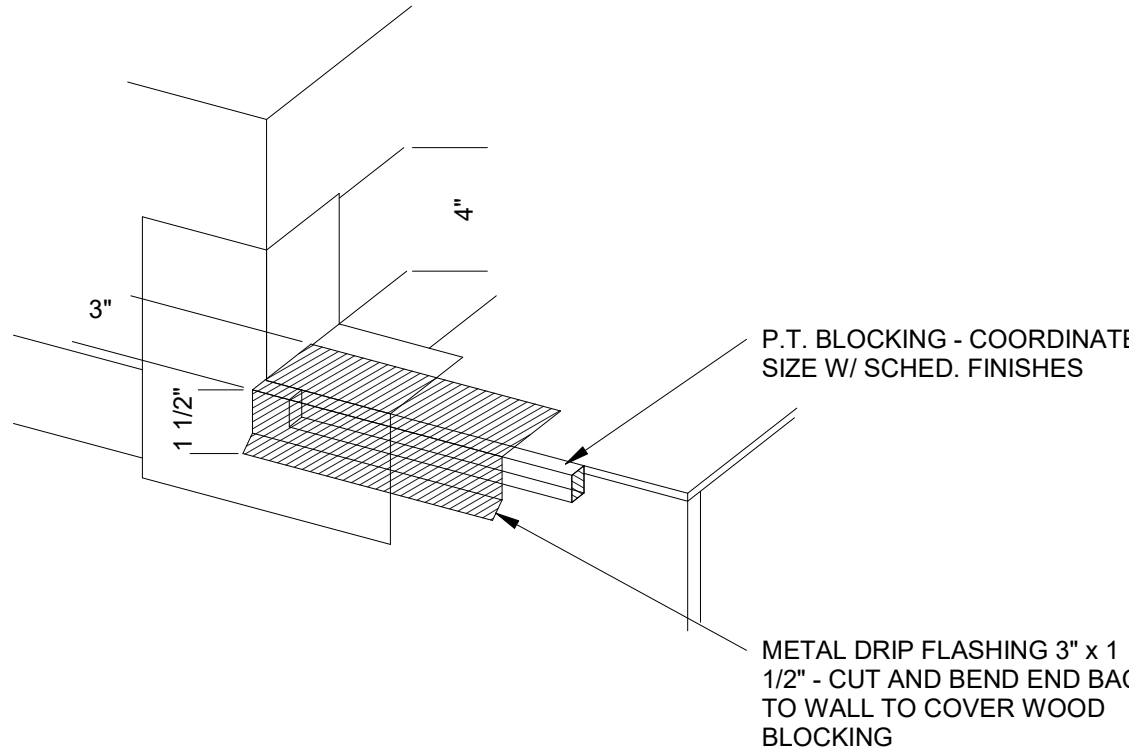
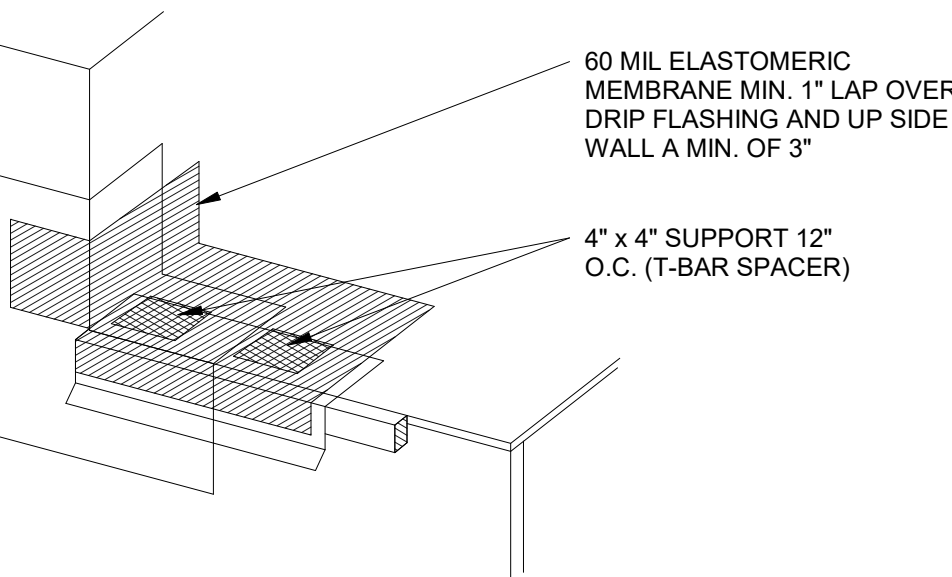
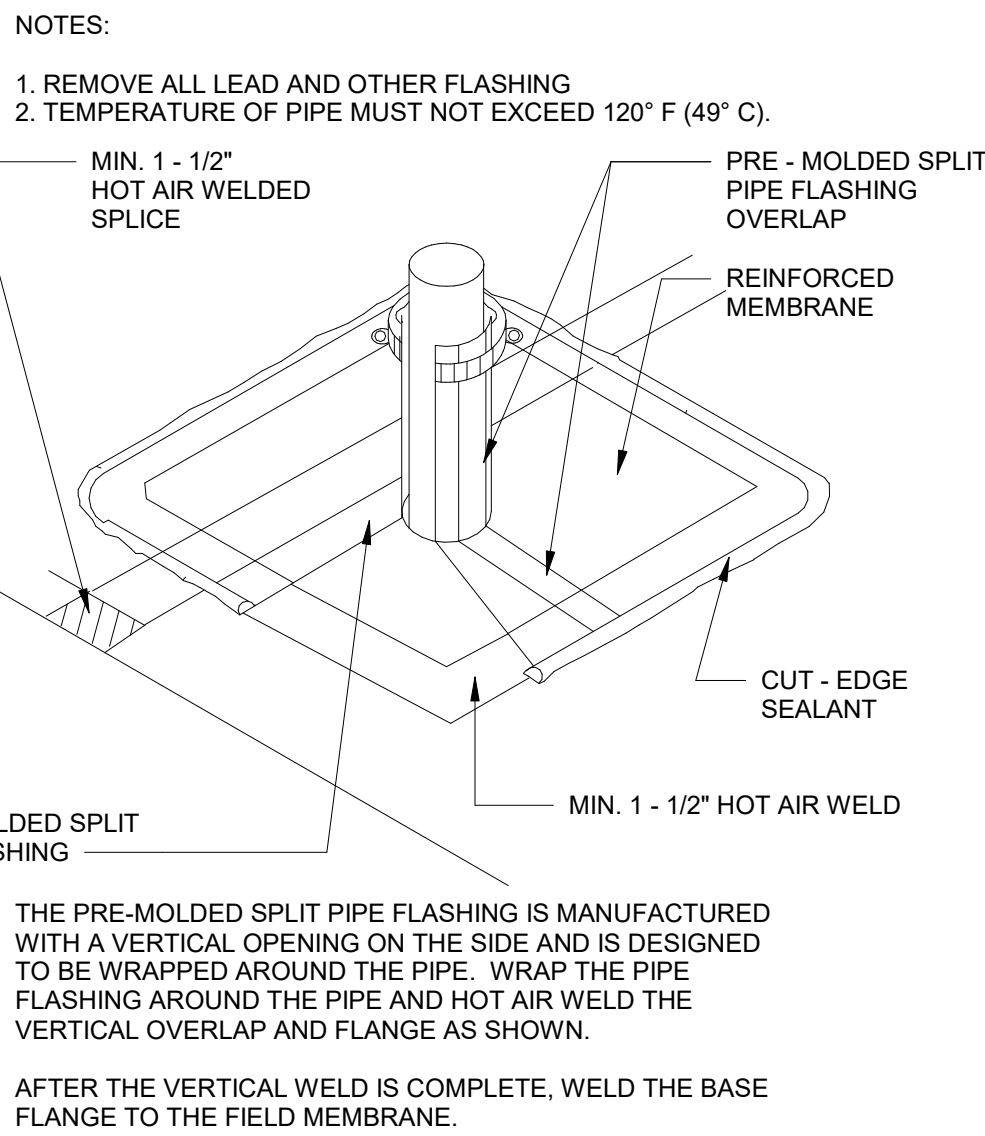
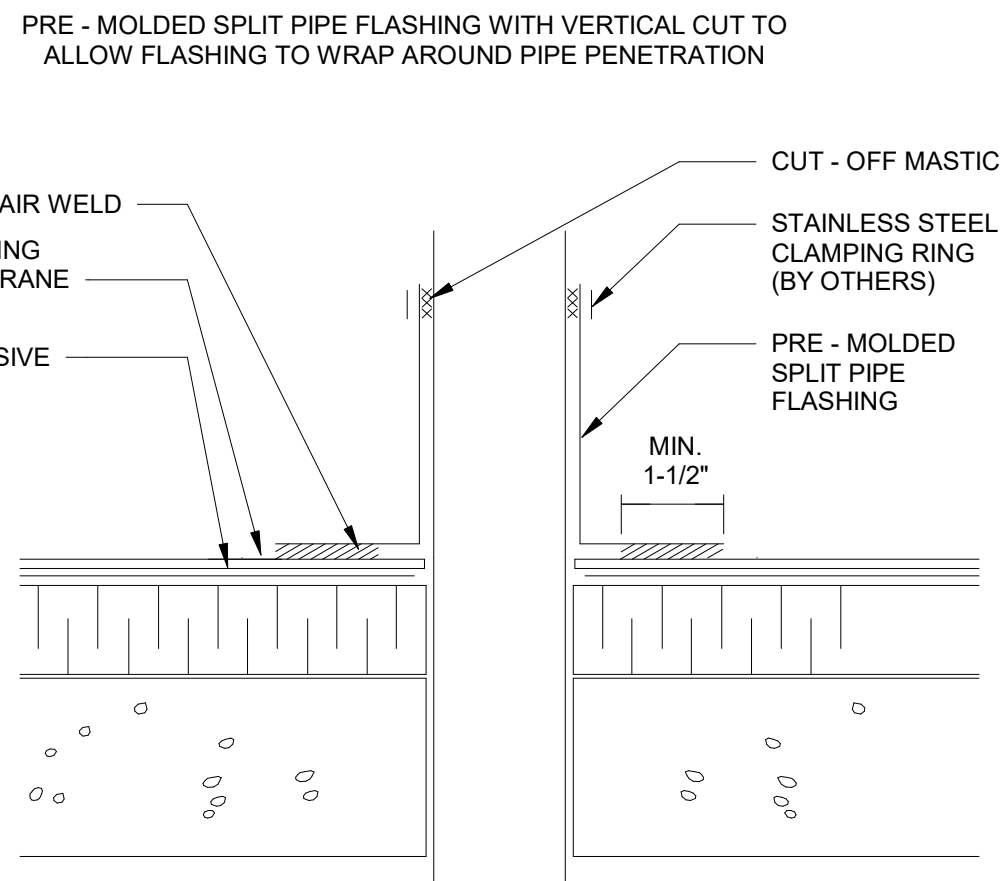


BALCONY EDGE DETAIL

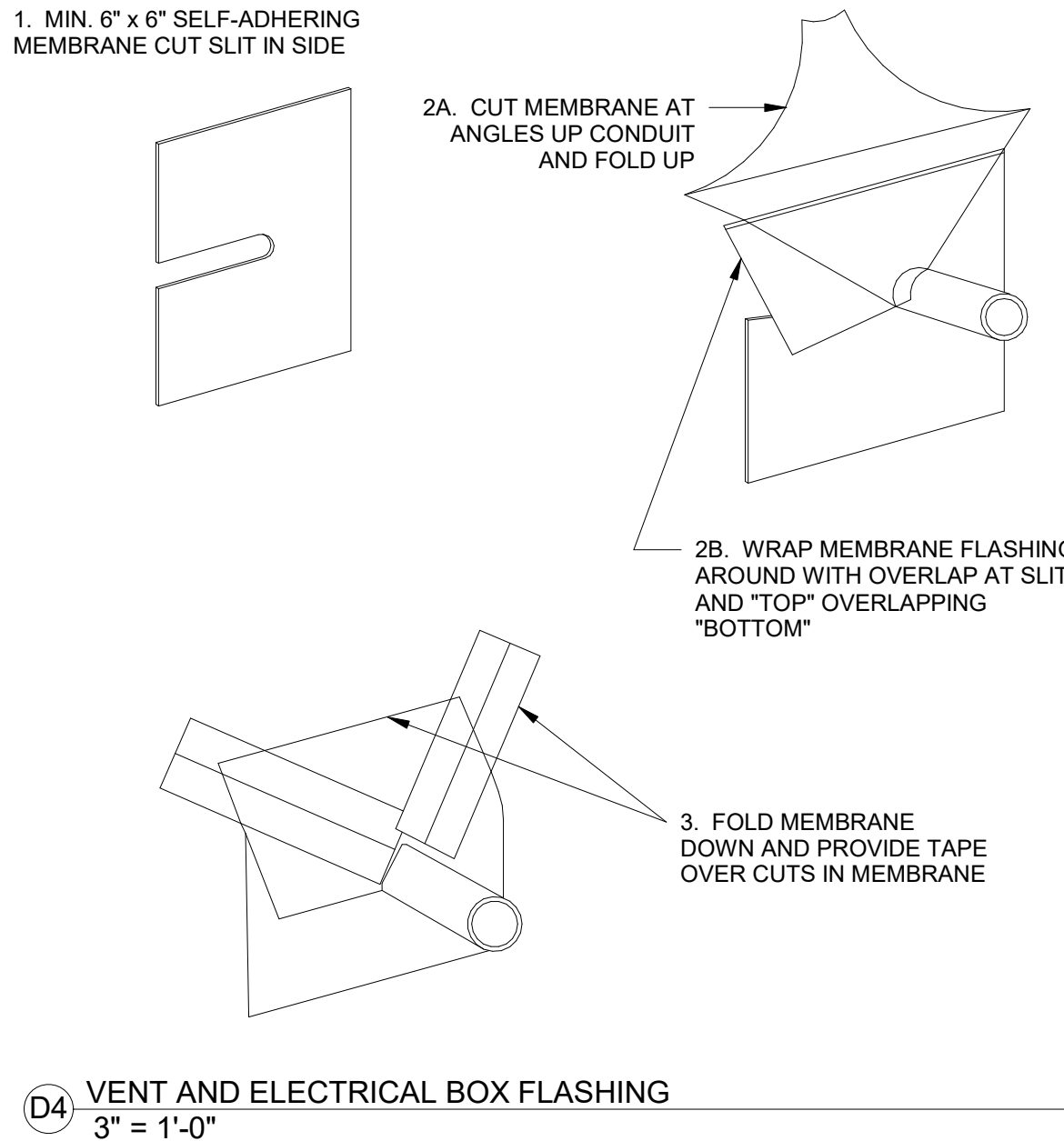
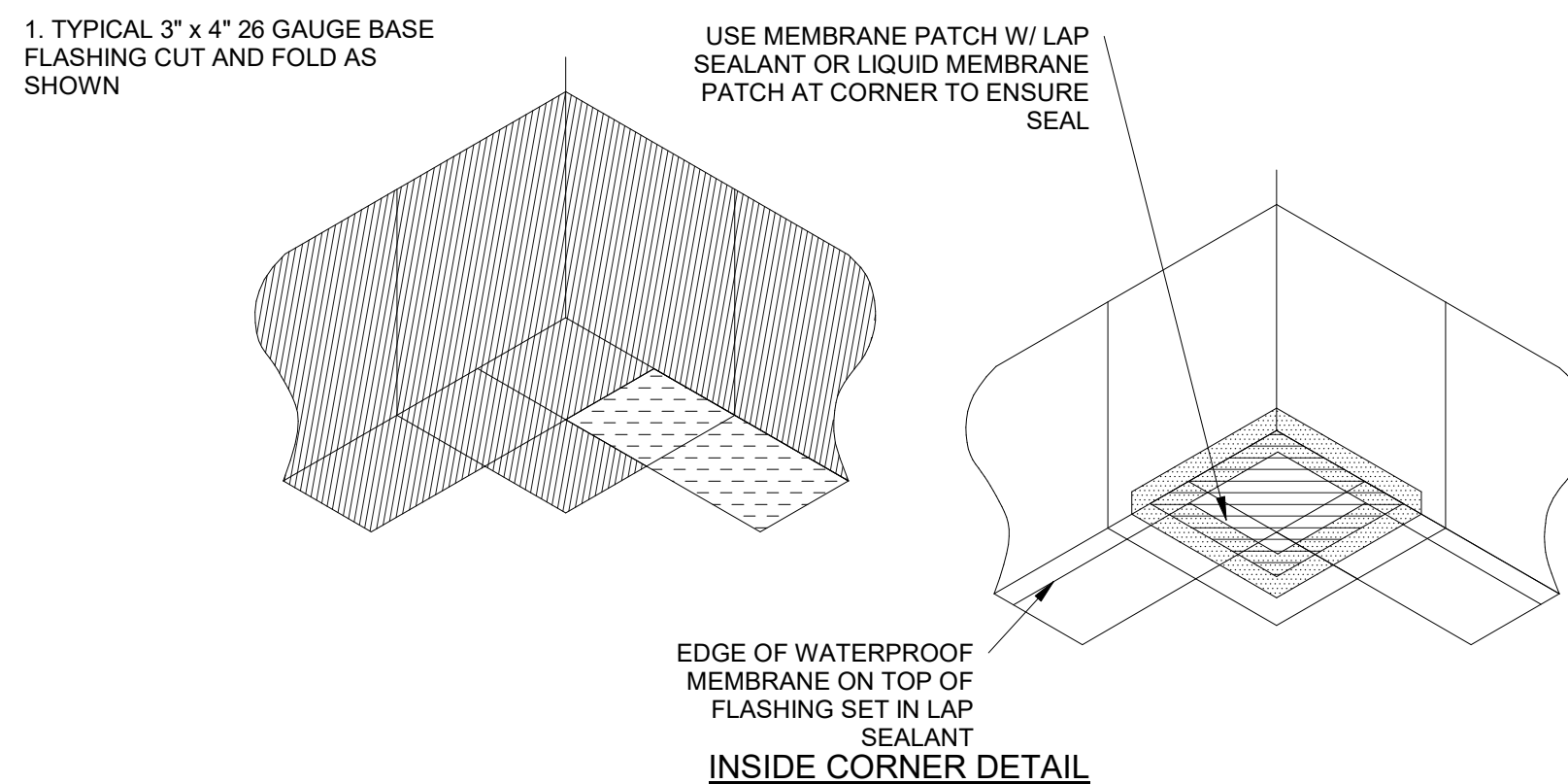


A1 FLASHING INSTALLATION DETAILS
12" = 1'-0"

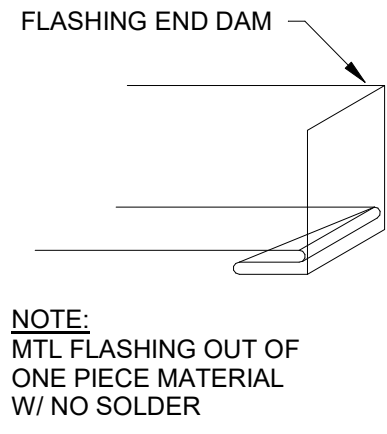
C2 PIPE COLUMN SUPPORT AT MEMBRANE ROOF
1 1/2" = 1'-0"



OUTSIDE CORNER DETAIL

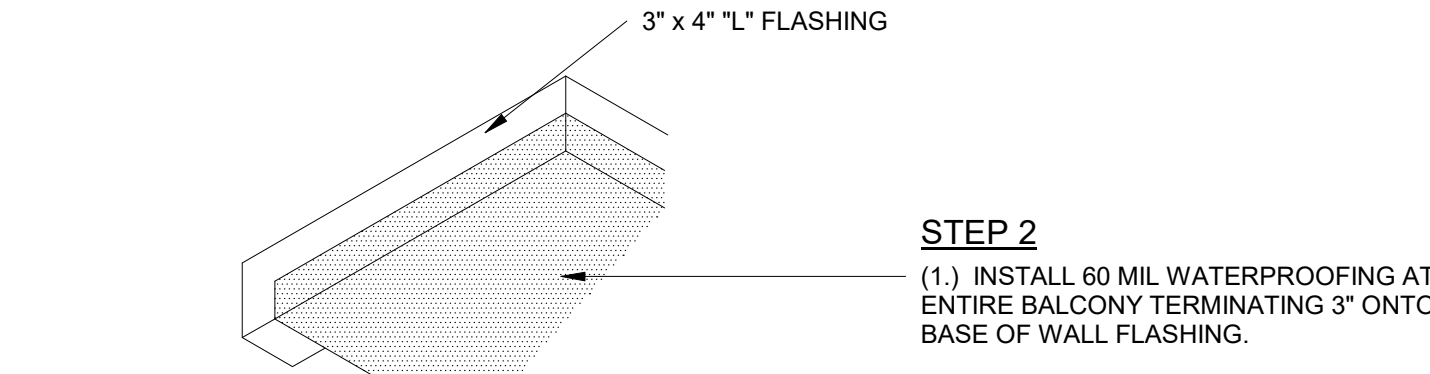
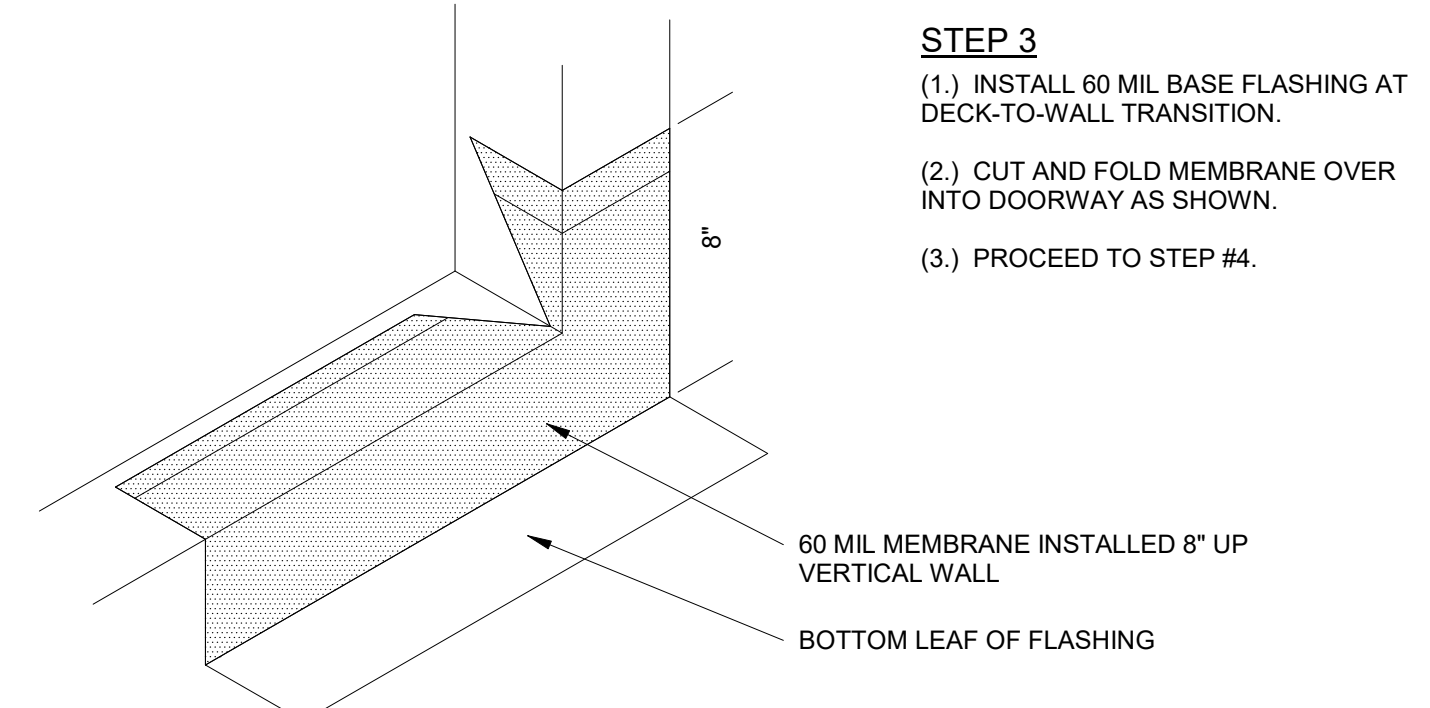


D5 FLASHING END DAM
3" = 1'-0"



STEP 5
(1) INSTALL 26 GAUGE COUNTER FLASHING AT DOOR. TRIM COUNTER FLASHING TO HAVE ONE INCH TABS RUN PAST DOOR EDGE AS SHOWN.

STEP 4
(1) FASTEN CORNERS OF DOOR DETAILS UTILIZING 26 GAUGE OUTSIDE POCKET. POCKET MUST FIT OVER FLASHING AND MEMBRANE SEAMS.
(2) FASTEN WITH 1/4" GALVANIZED NAILS AS SHOWN.
(3) PROCEED TO STEP #5



STEP 1
(1) INSTALL 3" x 4" BASE FLASHING AT PERIMETER OF BALCONY WITH NO SEAMS AT DOOR.
(2) CUT BASE AT DOOR OPENING AS NEEDED.
(3) PROCEED TO STEP #2.

A4 DOOR FLASHING DETAILS
12" = 1'-0"



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STANDARD FLASHING DETAILS

A7.41

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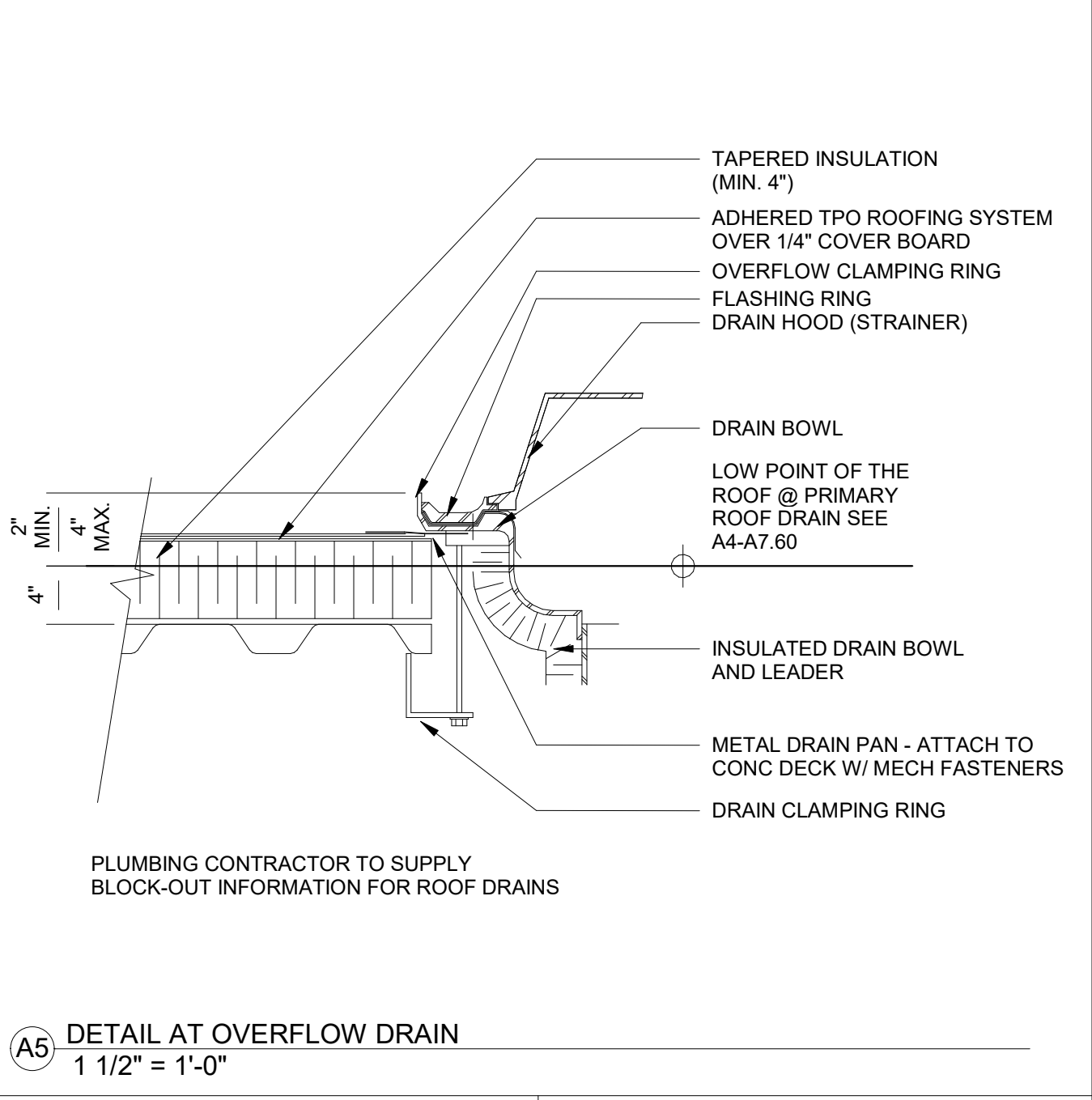
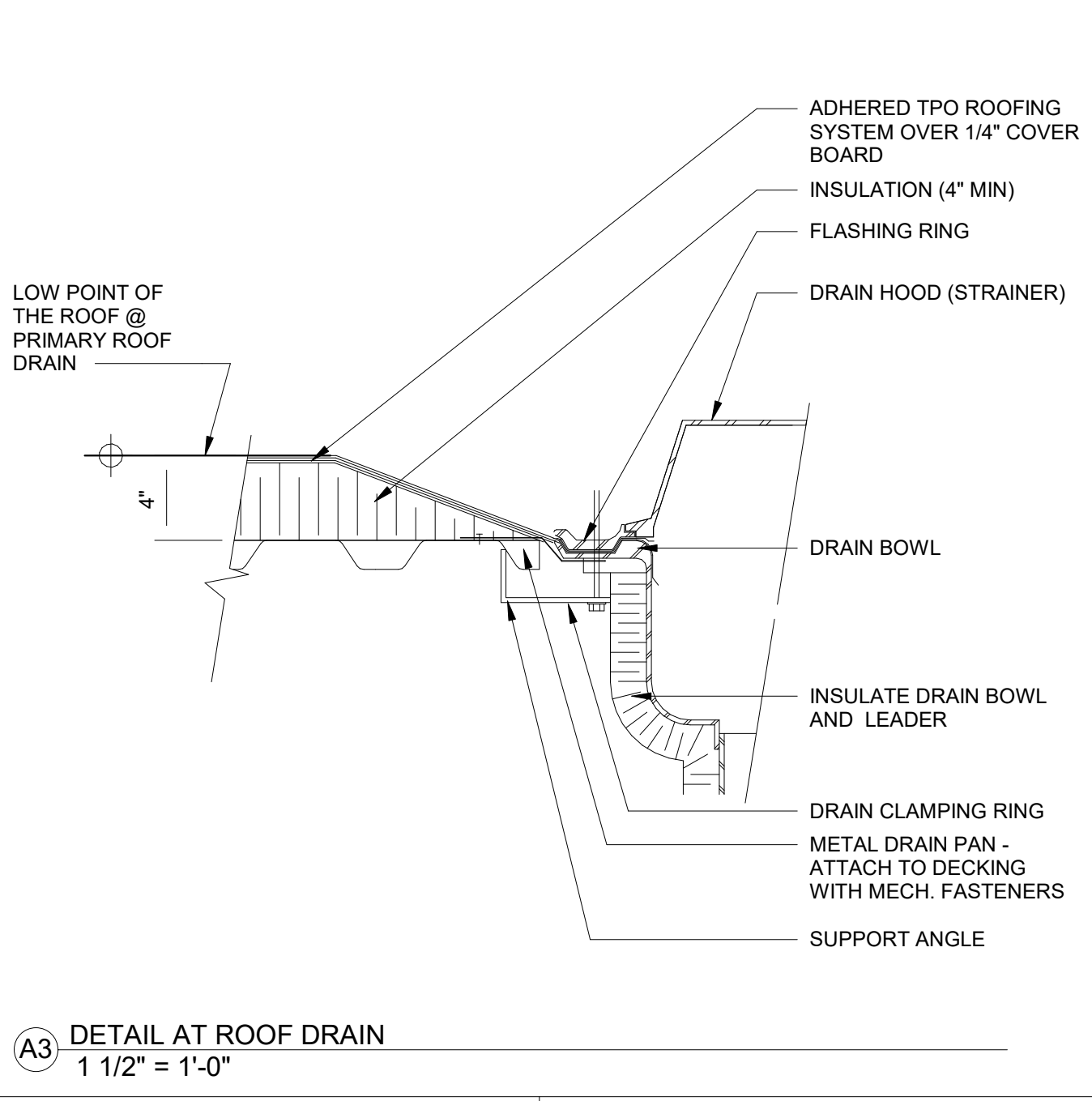
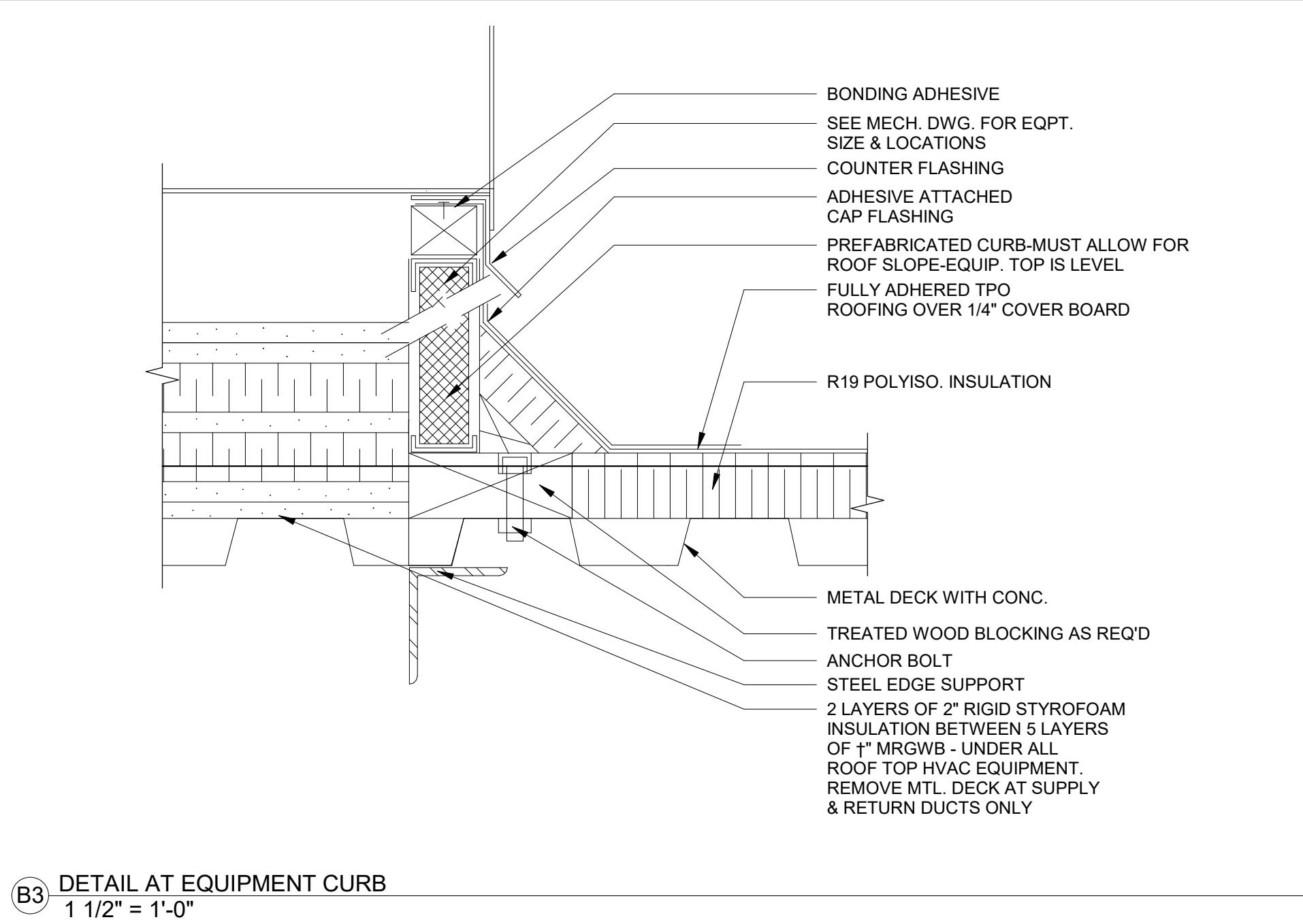
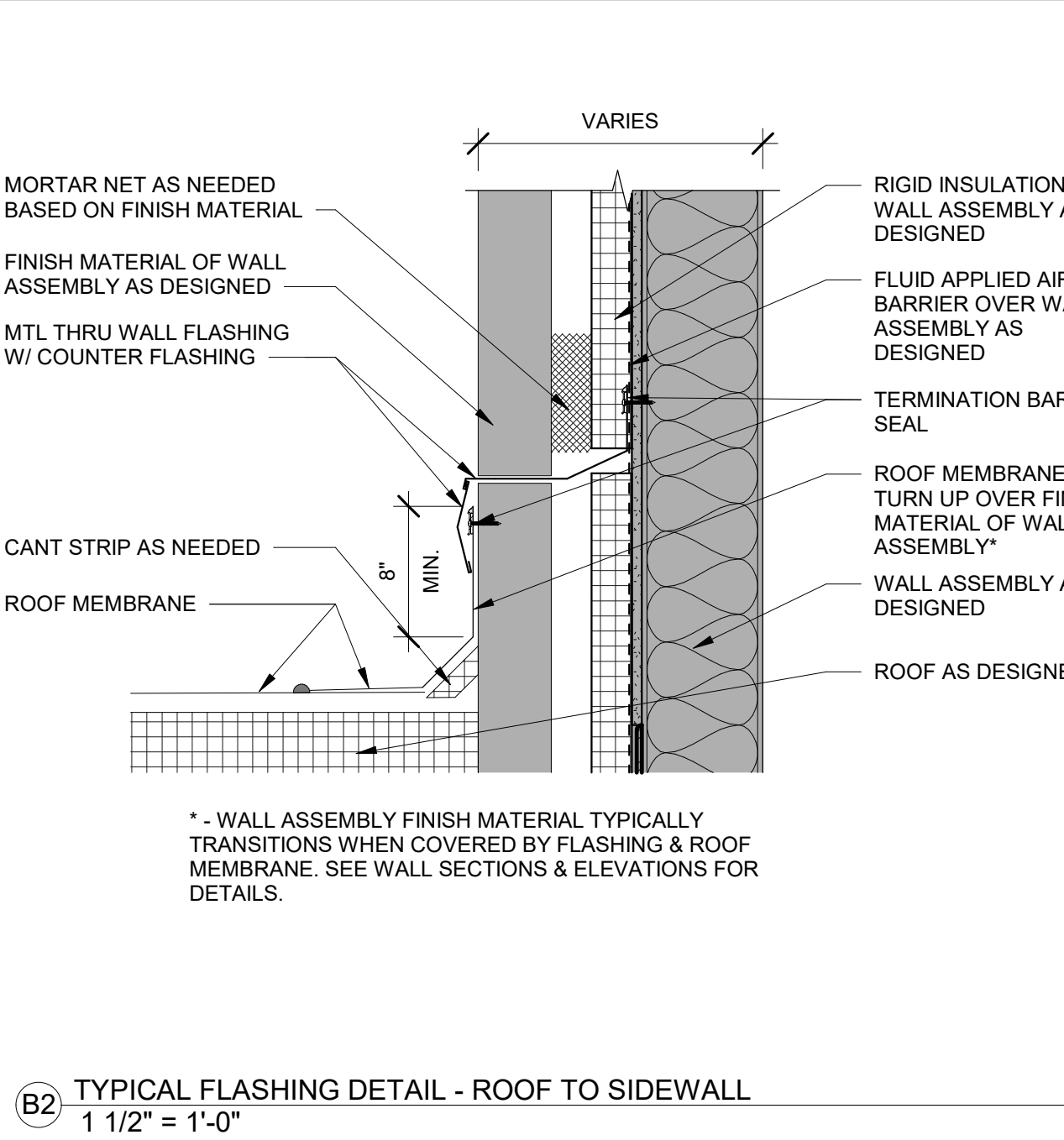
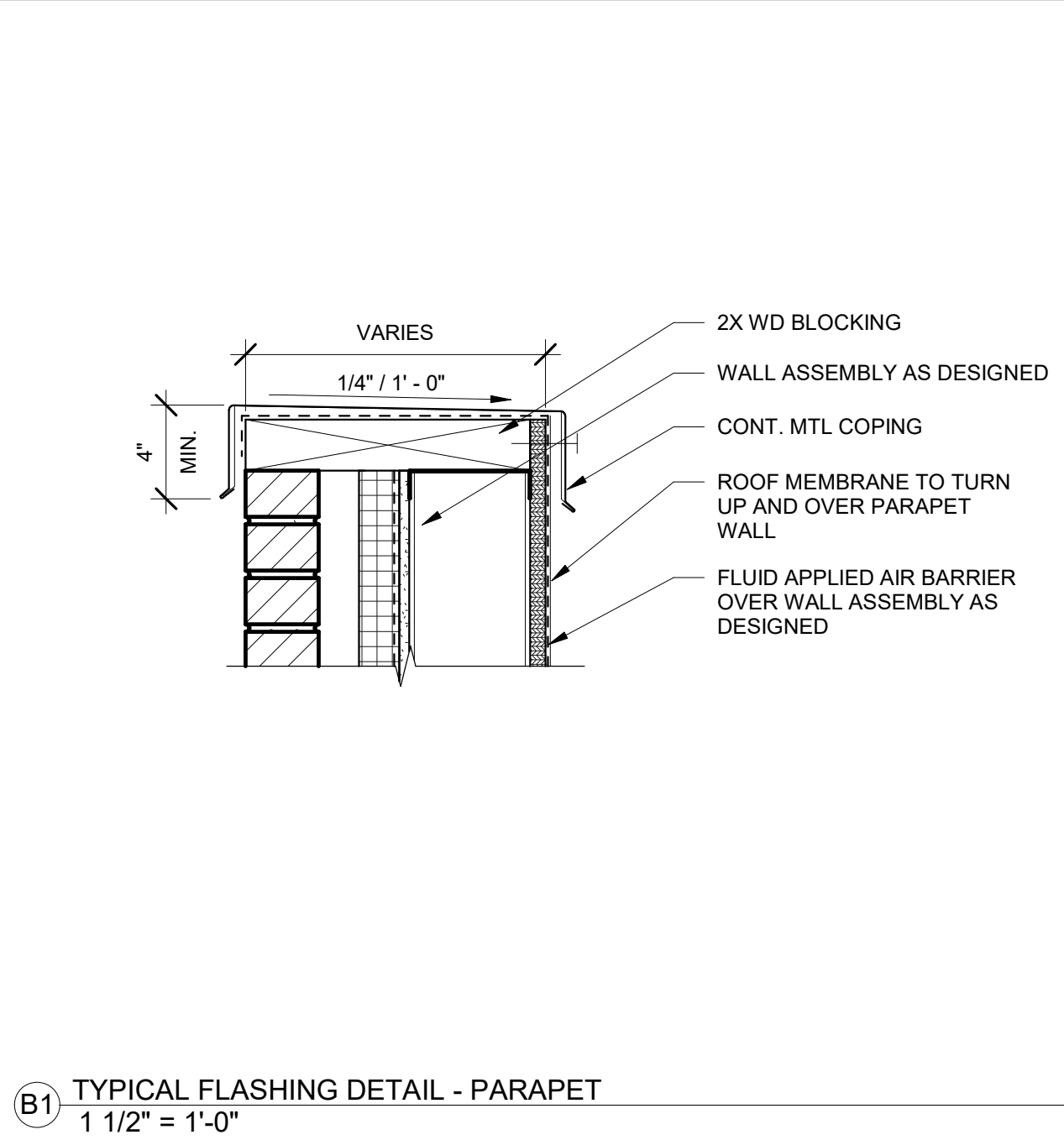
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STANDARD ROOF DETAILS

A7.51

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C

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A

DOOR SCHEDULE													
Door							AAOS Project HW Set	Door	Frame				Notes
Mark	Width	Height	Elevation	Material	Finish	Hardware			Frame Type	Frame Material	Frame Finish	Jamb	
BASEMENT													
003	3' - 0"	7' - 0"	D1	SCWD	PNT-6		8.0		F1	HM	PNT-6		
007	3' - 0"	7' - 0"	D2	SCWD/GLASS	PNT-6		9.0		F1	HM	PNT-6		
010	3' - 0"	7' - 0"	D2	SCWD/GLASS	PNT-6		11.0		F1	HM	PNT-6		
015	3' - 0"	7' - 0"	D2	SCWD/GLASS	PNT-6		8.0		F1	HM	PNT-6		
E002	3' - 0"	7' - 0"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
E004	2' - 6"	7' - 0"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
E005	3' - 0"	7' - 0"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
E006	2' - 6"	7' - 0"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
E009	6' - 0"	6' - 8"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
E013	3' - 0"	7' - 0"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
E016	2' - 0"	7' - 0"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
E017	3' - 0"	7' - 0"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
FIRST FLOOR PLAN													
101	6' - 4"	7' - 2"	D7	ALUM/GLASS	PNT-6		2.0		F1	ALUM	PNT-6		CARD READER; PANIC HARDWARE
103	3' - 0"	7' - 0"	D2	SCWD/GLASS	PNT-6		8.0		F1	HM	PNT-6		
105A	3' - 1"	7' - 0"	D5	ALUM/GLASS	PNT-6		1.0		SEE ELEV.	ALUM	PNT-6		CARD READER; PANIC HARDWARE; SEE WINDOW ELEVATION "G"
105B	3' - 1"	6' - 11"	D4	ALUM/GLASS	PNT-6		3.0		SEE ELEV.	ALUM	PNT-6		CARD READER; PANIC HARDWARE; SEE WINDOW ELEVATION "G"
106	3' - 0"	7' - 0"	D2	SCWD/GLASS	PNT-6		8.0		F1	HM	PNT-6		
107	3' - 0"	7' - 0"	D1	SCWD	PNT-6		12.0		F1	HM	PNT-6		
108	2' - 8"	7' - 0"	D1	SCWD	PNT-6		11.0		F1	HM	PNT-6		
109	3' - 0"	7' - 0"	D1	SCWD	PNT-6		12.0		F1	HM	PNT-6		
110A	6' - 0"	7' - 4"	D6	SCWD	PNT-7		5.0		F1	HM	PNT-4		PANIC HARDWARE
110B	3' - 0"	7' - 0"	D2	SCWD/GLASS	PNT-7		6.0		F1	HM	PNT-4		CARD READER
111	3' - 0"	7' - 0"	D2	SCWD/GLASS	PNT-6		10.0		F1	HM	PNT-6		
113	3' - 9"	7' - 0"	D5	ALUM/GLASS	PNT-6		1.0		SEE ELEV.	ALUM	PNT-6		CARD READER
116	3' - 0"	7' - 0"	D3	ALUM/GLASS	PNT-6		4.0		SEE ELEV.	ALUM	PNT-6		CARD READER; SEE WINDOW ELEVATION "H"
117	3' - 0"	7' - 0"	D1	SCWD	PNT-6		11.0		F1	HM	PNT-6		
118	3' - 0"	7' - 0"	D2	SCWD/GLASS	PNT-6		7.0		F1	HM	PNT-6		
E104	2' - 6"	7' - 0"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
E112	6' - 0"	7' - 11"	EXISTING	EXISTING	PNT-6	EXISTING	13.0		EXISTING	EXISTING	PNT-6	EXISTING	
SECOND FLOOR PLAN													
E201	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E202	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E203	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E204	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E205	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E206	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E207	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E208	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E209	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E210A	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E210B	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E211	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E212	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E213	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E214	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E215	3' - 0"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	
E217	2' - 8"	7' - 0"	EXISTING	EXISTING		EXISTING	13.0		EXISTING	EXISTING		EXISTING	

CASED OPENING SCHEDULE				
Mark	Rough Width	Rough Height	Elevation	Notes
BASEMENT				
C011	4' - 0"	7' - 0"	C1	
EC008	6' - 2"	7' - 0"	EXISTING	
FIRST FLOOR PLAN				
EC116	5' - 0"	8' - 0"	EXISTING	
SECOND FLOOR PLAN				
EC203	3' - 0"	7' - 0"	EXISTING	
EC216	2' - 8"	7' - 0"	EXISTING	

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CANTON TOWN HALL

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DOOR SCHEDULE

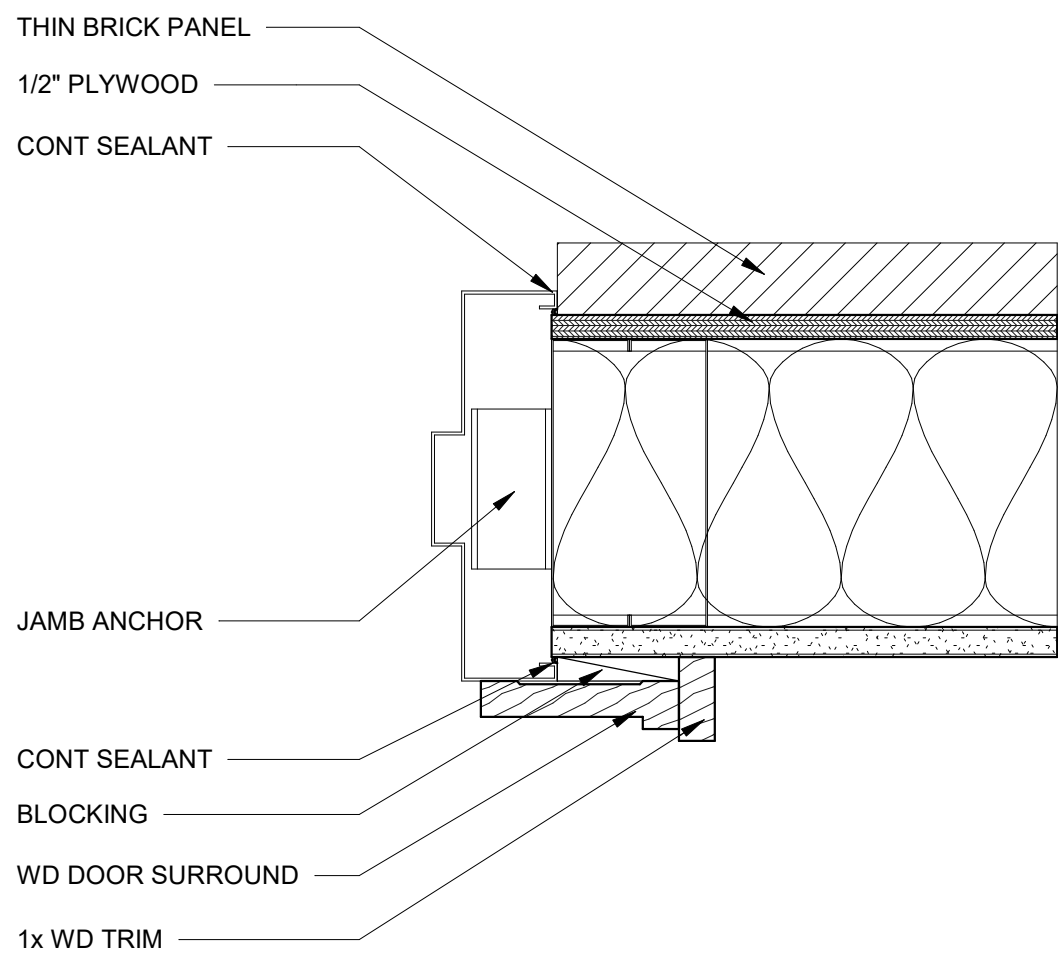
A9.01

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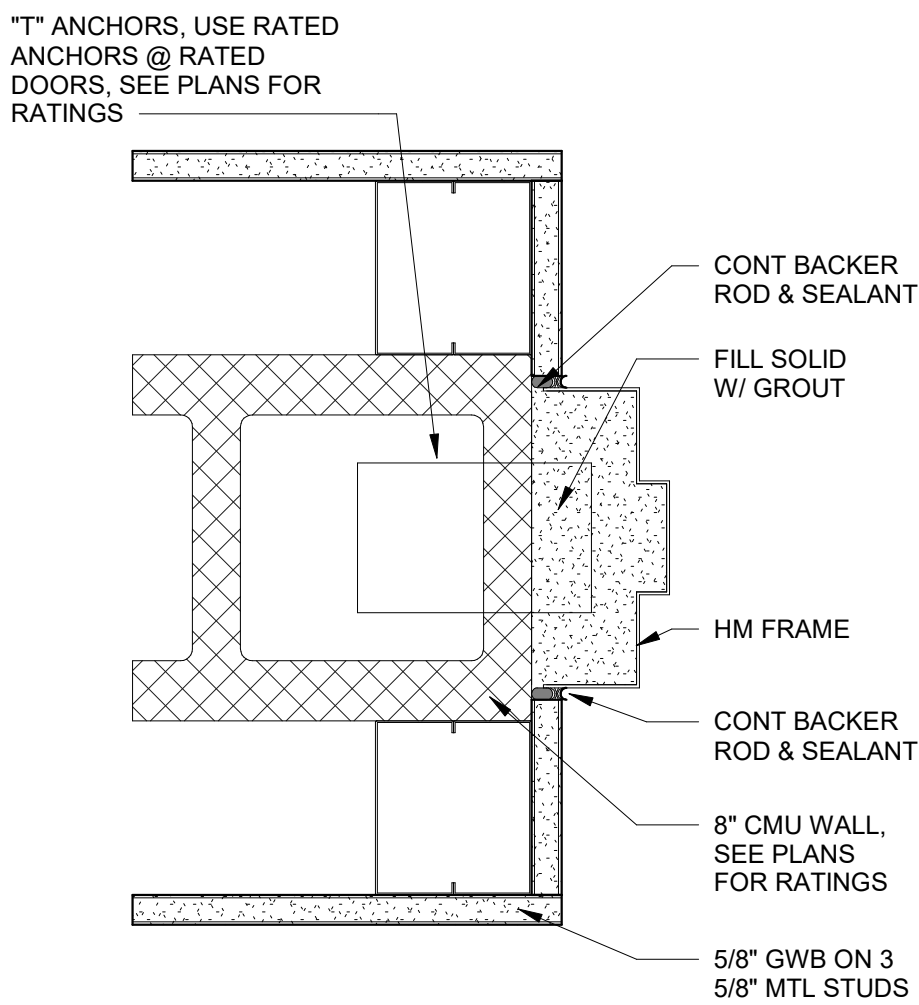
B

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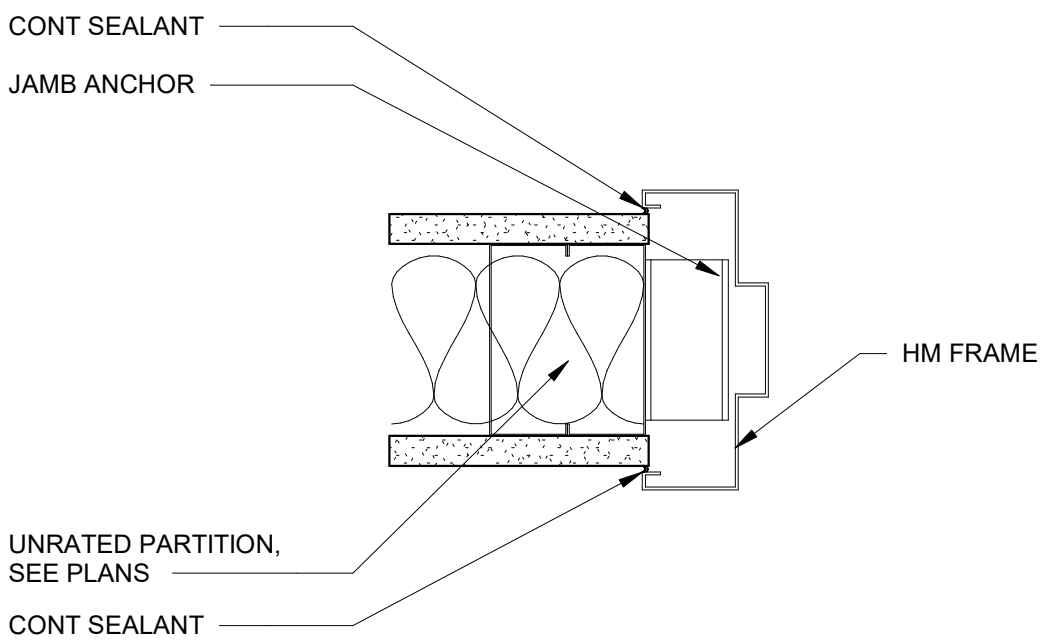
J5 - JAMB AT MTL STUD W/ BRICK VENEER & WOOD TRIM
3" = 1'-0"

1



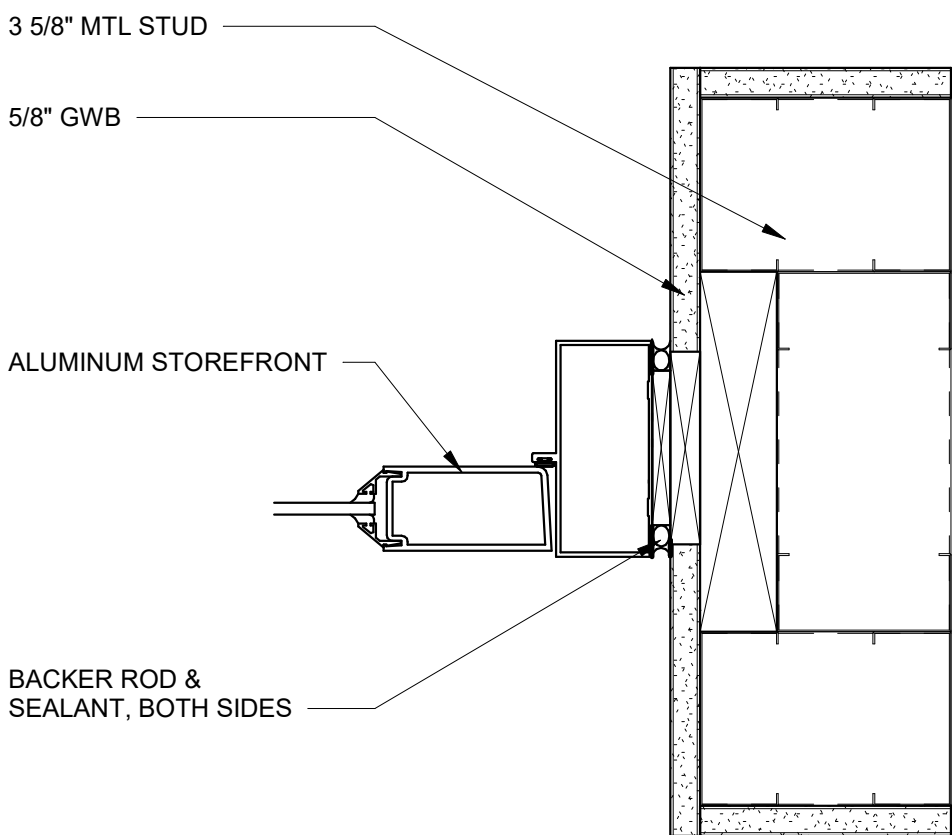
J4 - JAMB AT INTERIOR CMU WALL W/ TWO SIDED FURRING
3" = 1'-0"

2



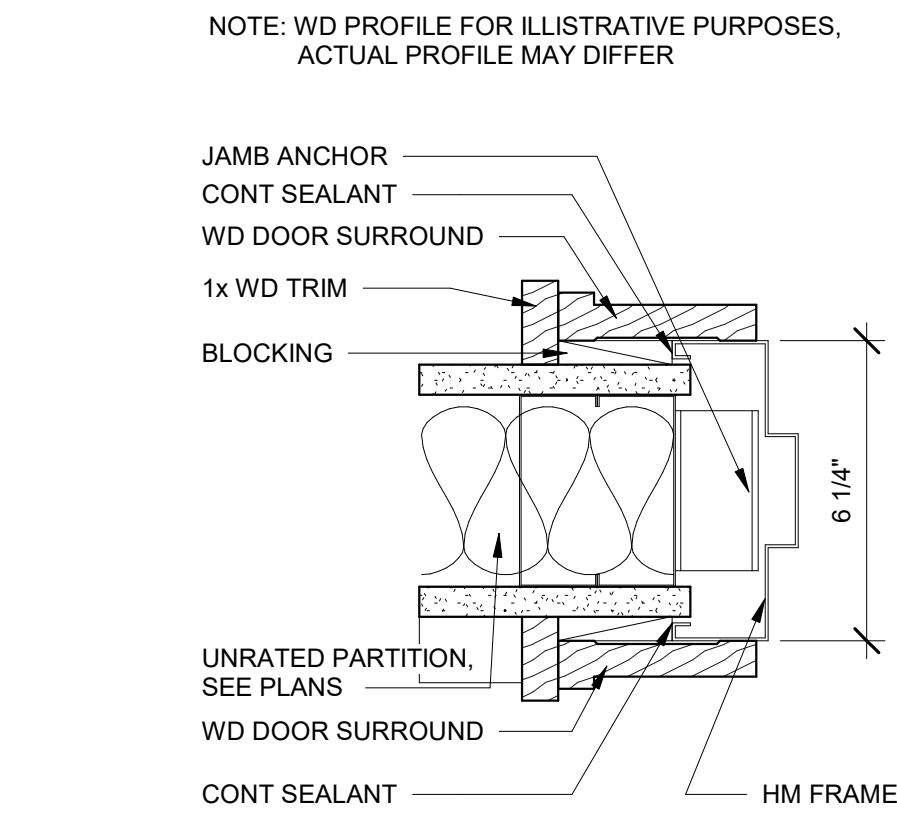
J3 - JAMB AT METAL STUD WALL
3" = 1'-0"

3

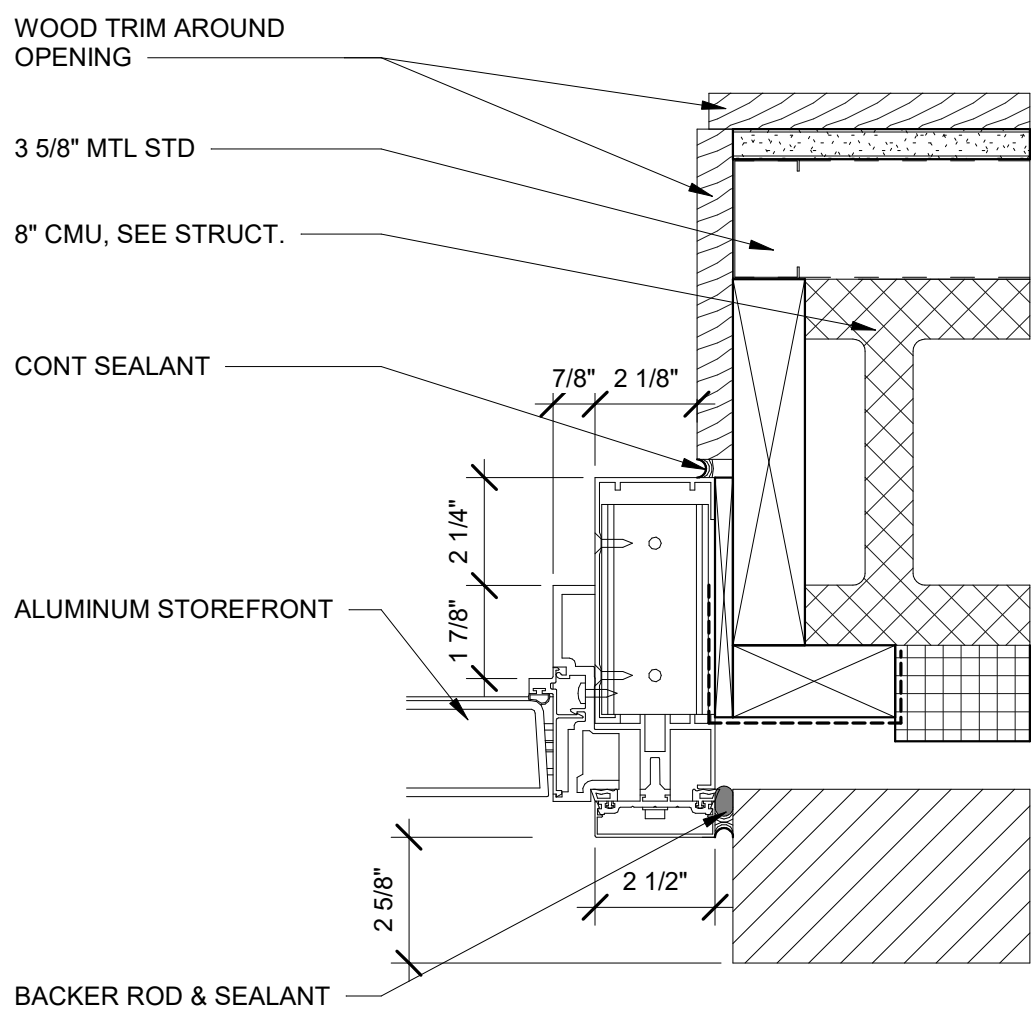


J2 - JAMB AT ALUMINUM STOREFRONT
3" = 1'-0"

4



J6 - JAMB AT METAL STUD WALL W/ TWO SIDED DOOR TRIM
3" = 1'-0"



J1 - JAMB AT ALUMINUM STOREFRONT W/ WOOD TRIM AND BRICK VENEER
3" = 1'-0"

5

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DOOR JAMBS

A9.02

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JUNE 23, 2025



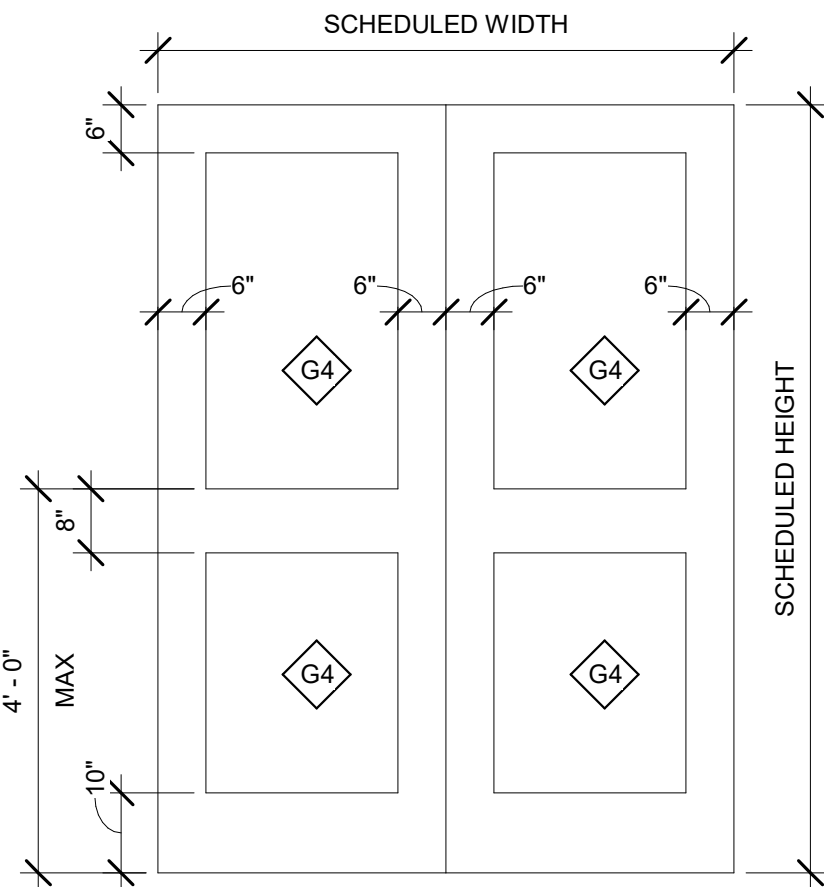
CANTON TOWN HALL

No.	Description	Date

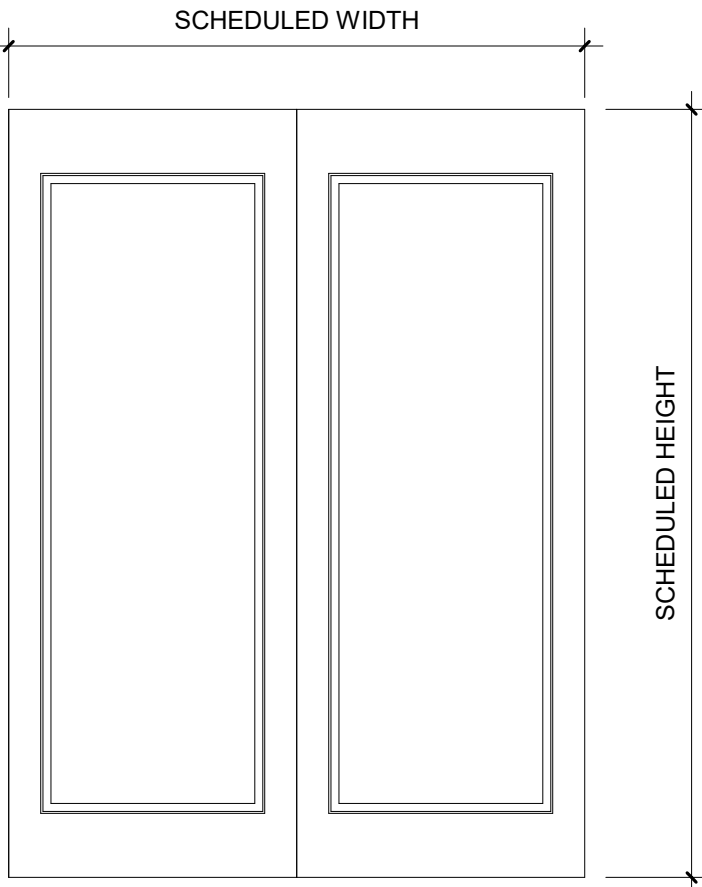
Package: CONSTRUCTION DOCUMENTS
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DOOR FRAMES AND ELEVATIONS

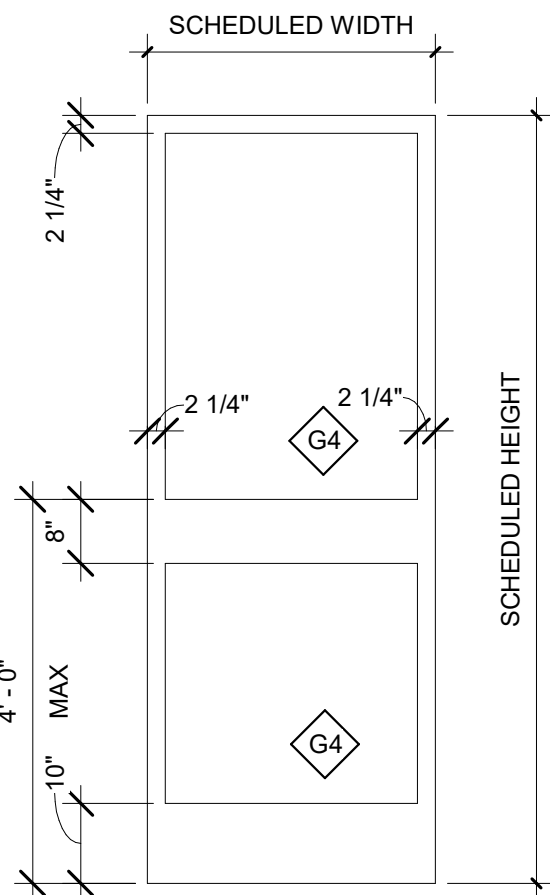
A9.03



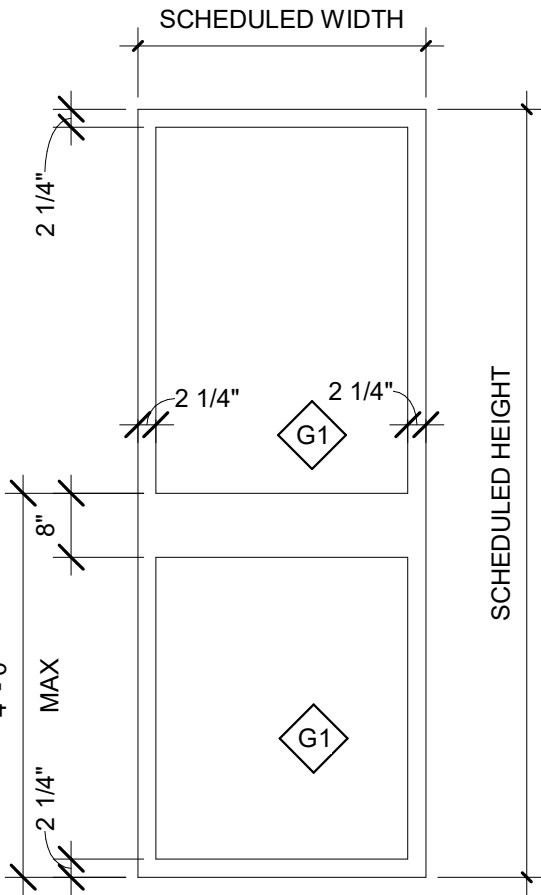
D7 - DOOR TYPE
1/2" = 1'-0"



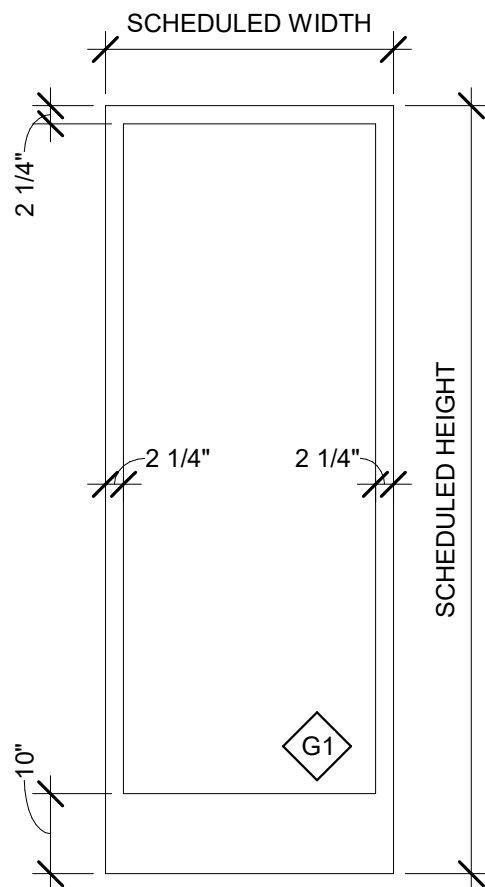
D6 - DOOR TYPE
1/2" = 1'-0"



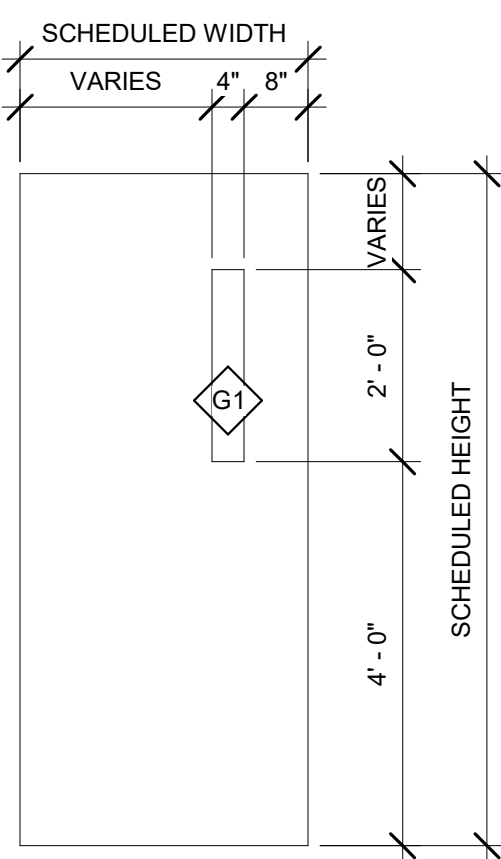
D5 - DOOR TYPE
1/2" = 1'-0"



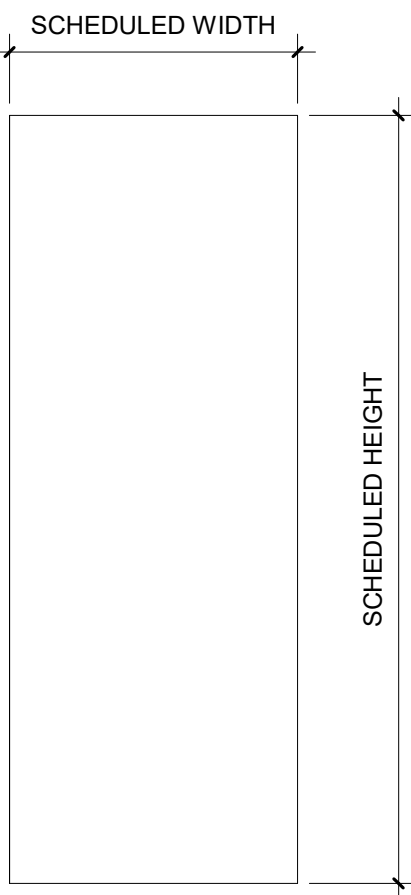
D4 - DOOR TYPE
1/2" = 1'-0"



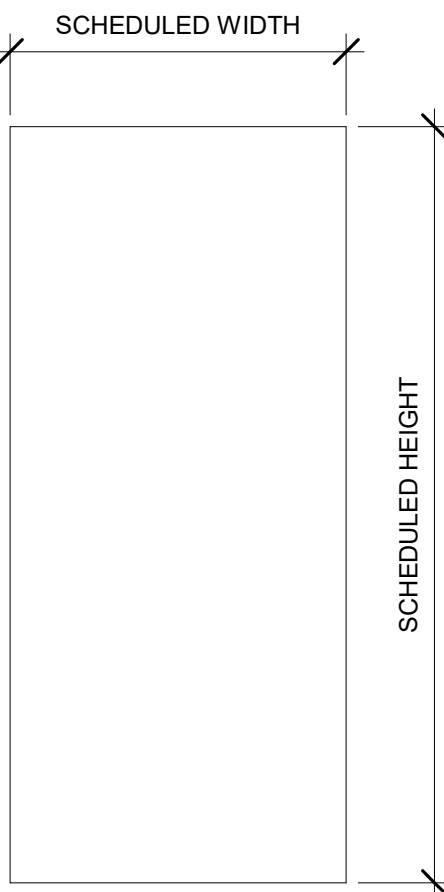
D3 - DOOR TYPE
1/2" = 1'-0"



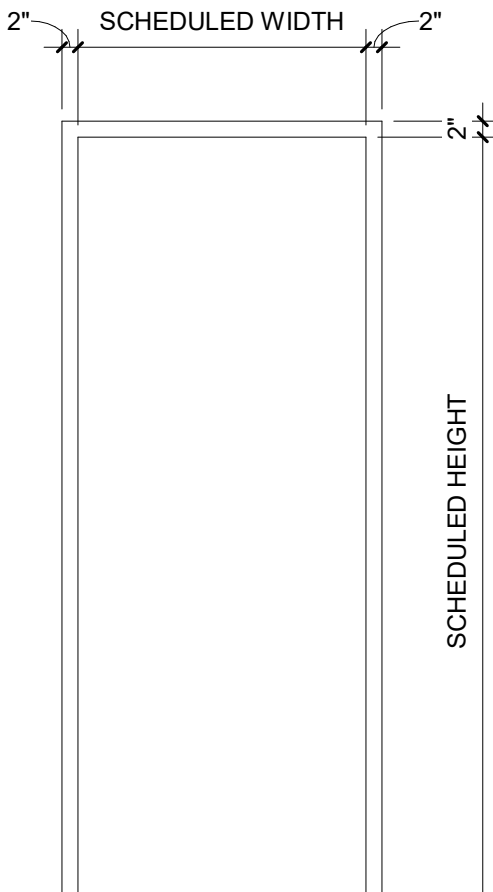
D2 - DOOR TYPE
1/2" = 1'-0"



D1 - DOOR TYPE
1/2" = 1'-0"



C1 - CASED OPENING TYPE
1/2" = 1'-0"



F1 - TYPICAL FRAME TYPE
1/2" = 1'-0"

DOOR GLASS TYPES	
G1	1/4" CLEAR TEMPERED GLASS
G2	1" INSULATED LOW E TEMPERED GLASS
G3	1" INSULATED LOW E GLASS
G4	1/2" INSULATED LOW E TEMPERED GLASS
G5	1/2" CLEAR TEMPERED GLASS
G6	45 MINUTE RATED GLASS
G7	LEVEL 7 BULLET RESISTANT CLEAR GLASS

NOTE: REFER TO WINDOW ELEVATIONS FOR REMAINING FRAMES

D

C

B

A

1

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3

4

5

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CANTON TOWN HALL

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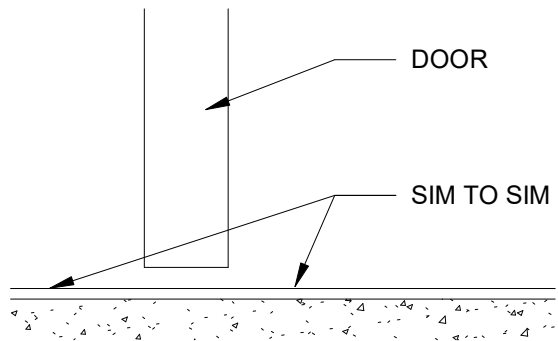
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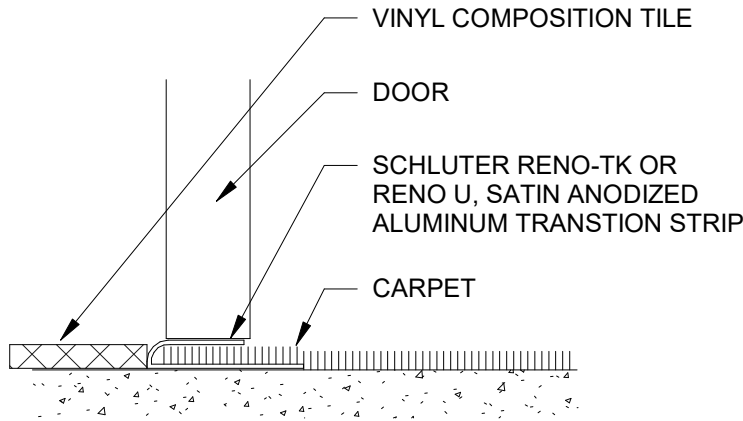
Date: JUNE 23, 2025

TRANSITIONS

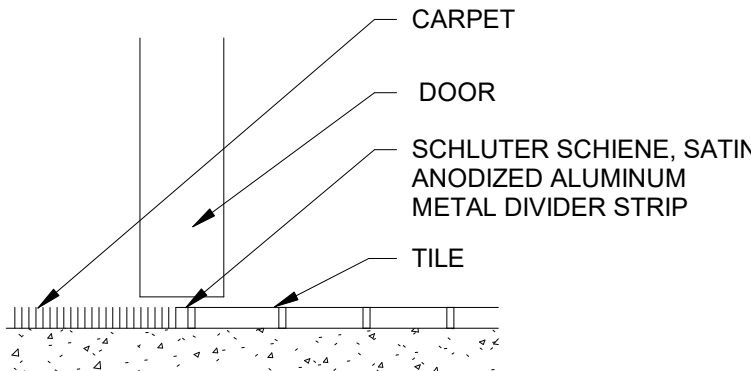
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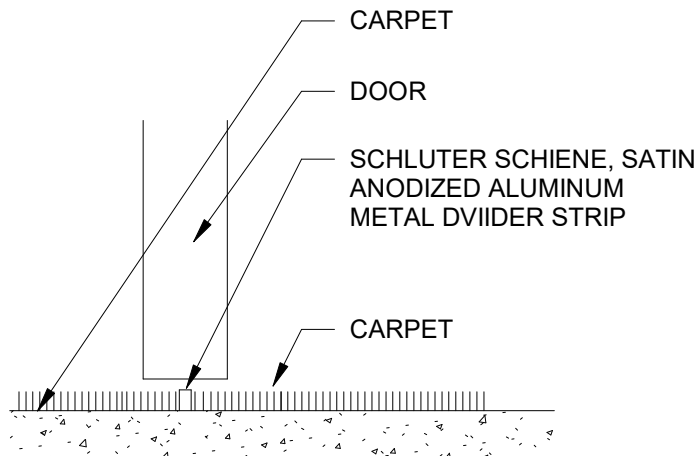
TRANSITION - SIM TO SIM
3" = 1'-0"



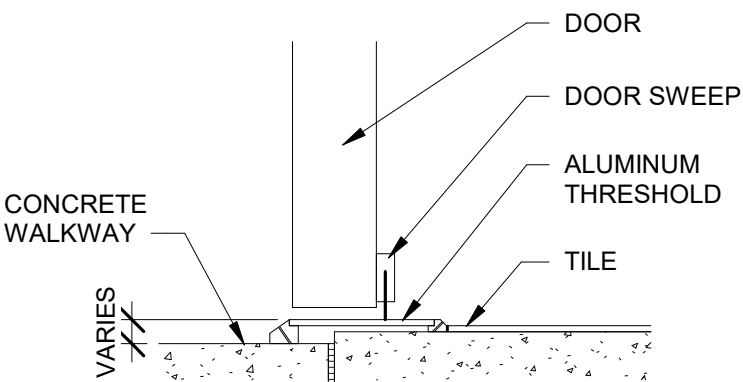
TRANSITION - CARPET TO VCT
3" = 1'-0"



TRANSITION - CARPET TO TILE
3" = 1'-0"

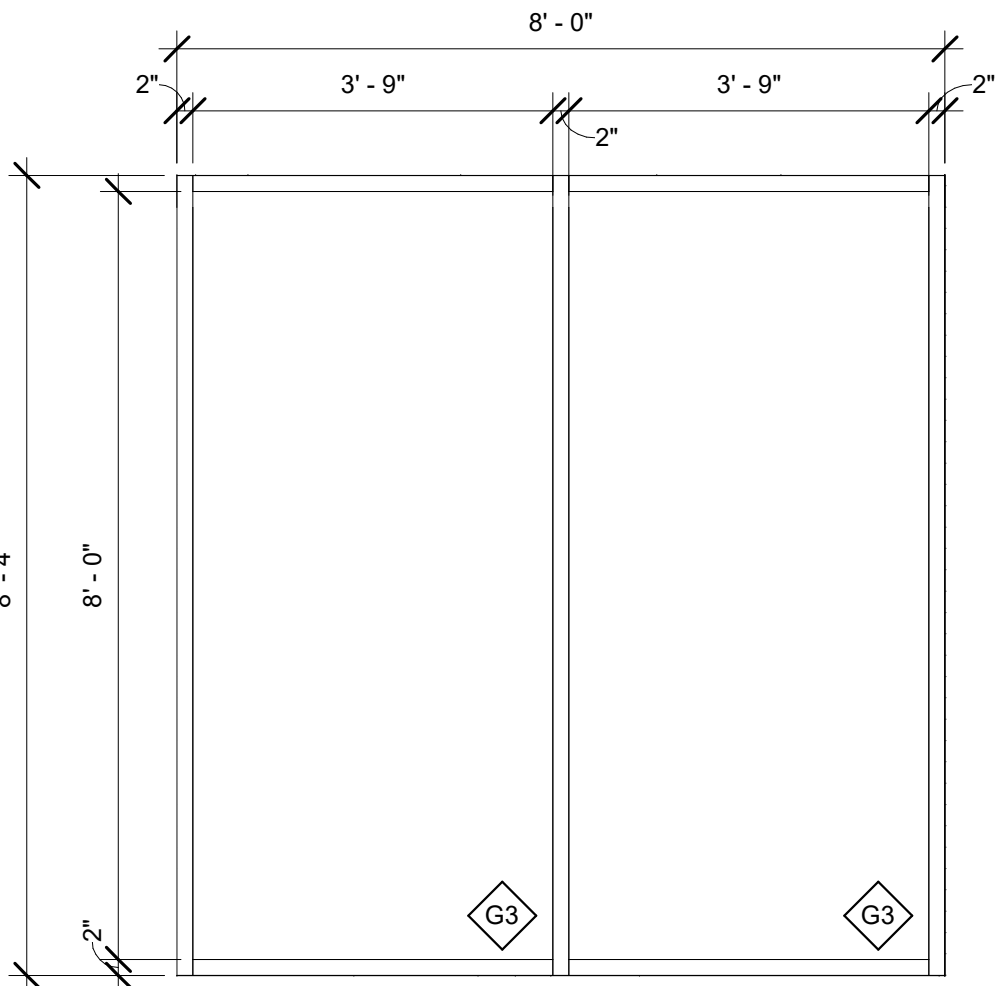


TRANSITION - CARPET TO CARPET
3" = 1'-0"



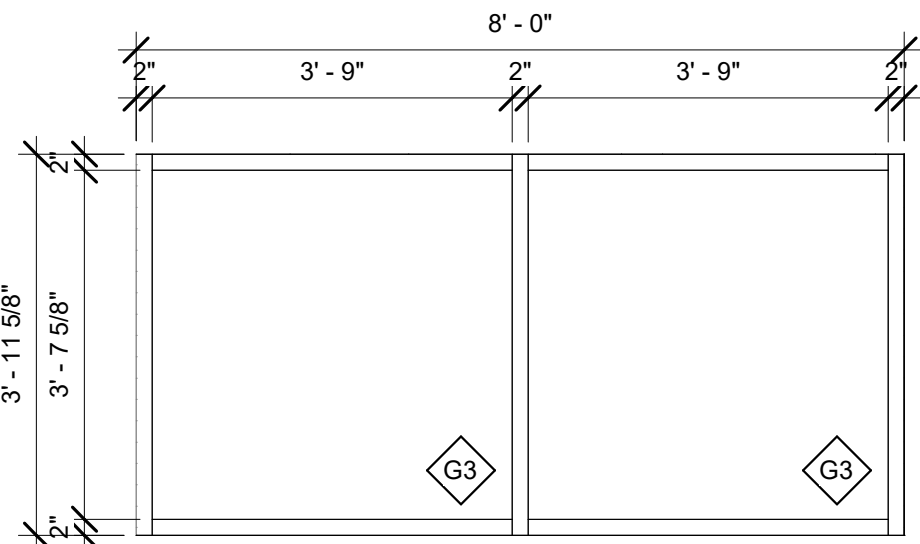
EXTERIOR TRANSITION - CONCRETE TO TILE
3" = 1'-0"

D



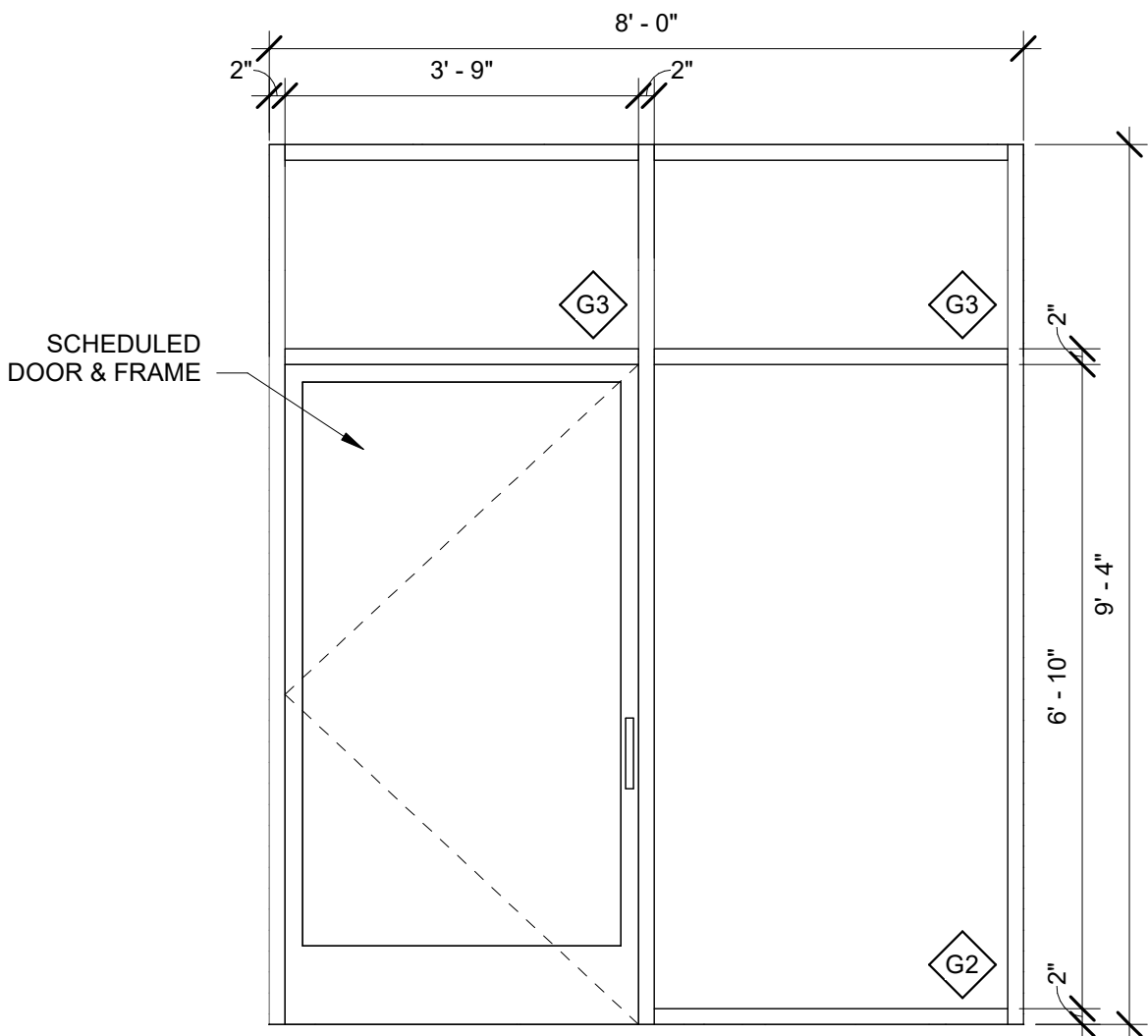
WINDOW A
1/2" = 1'-0"

C



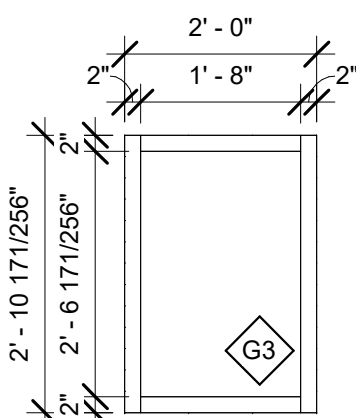
WINDOW B
1/2" = 1'-0"

B

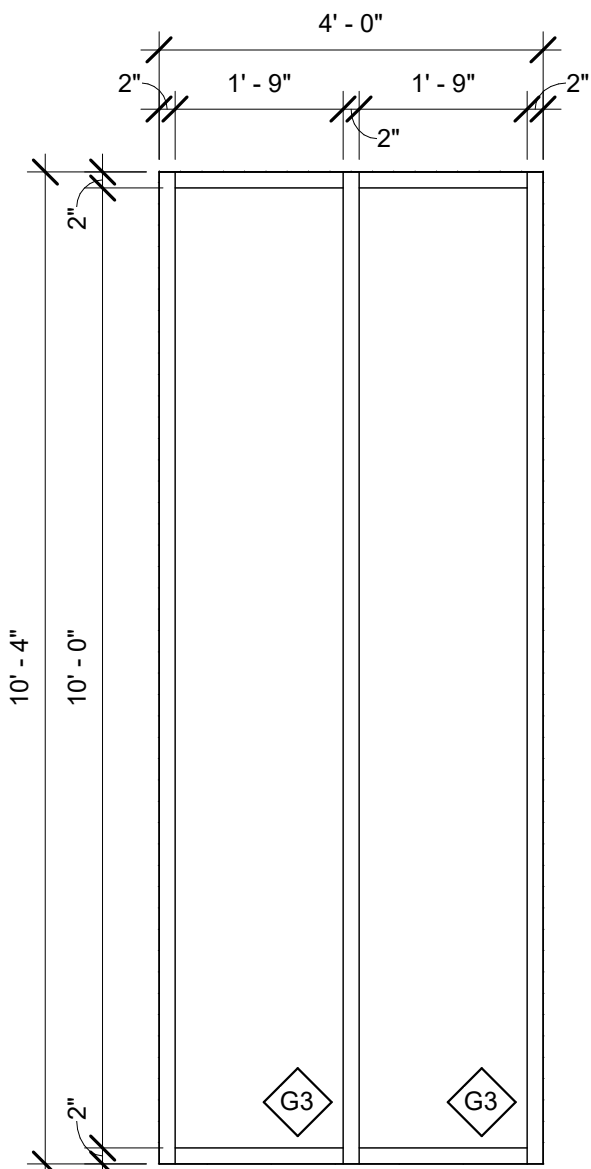


WINDOW C
1/2" = 1'-0"

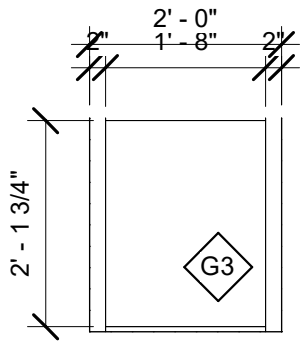
A



WINDOW D
1/2" = 1'-0"

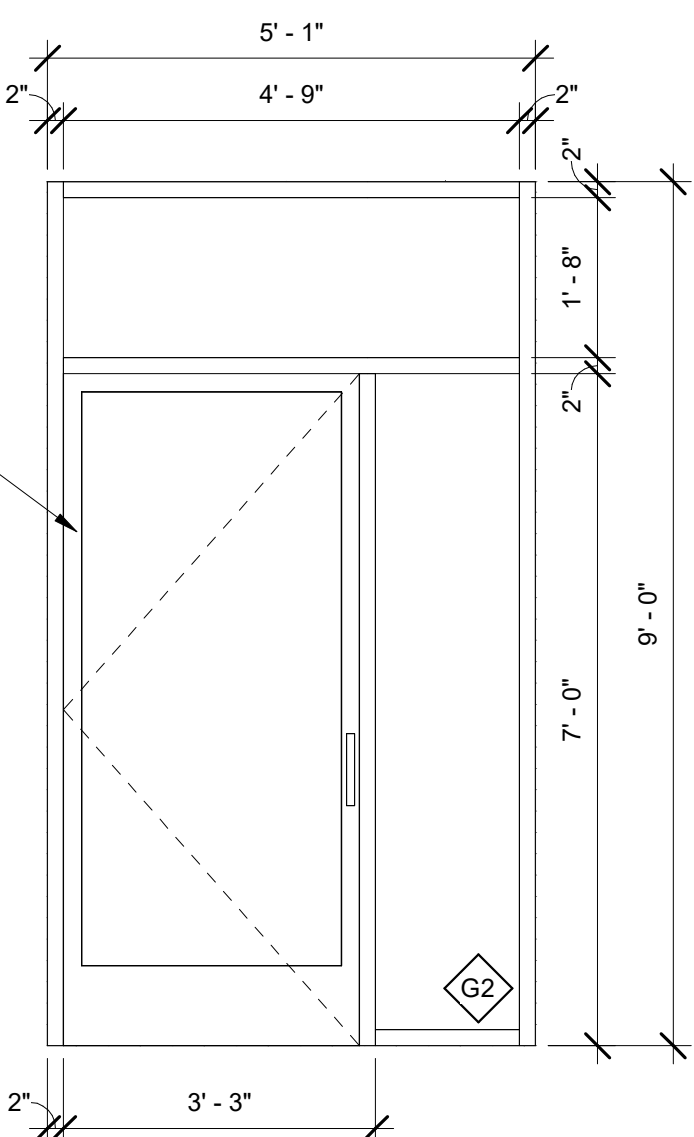


WINDOW E
1/2" = 1'-0"



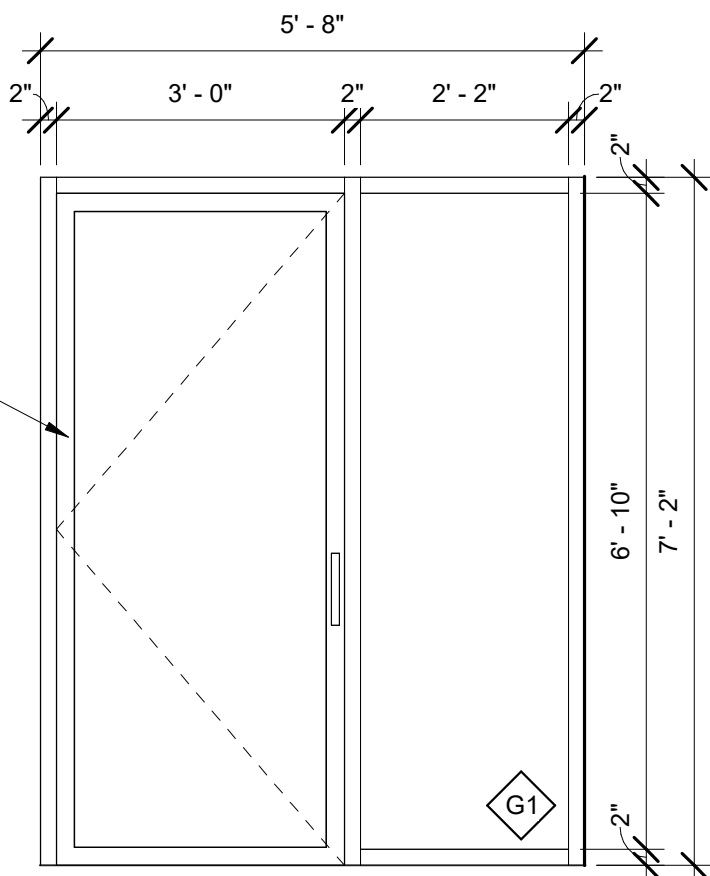
WINDOW F
1/2" = 1'-0"

SCHEDULED
DOOR & FRAME

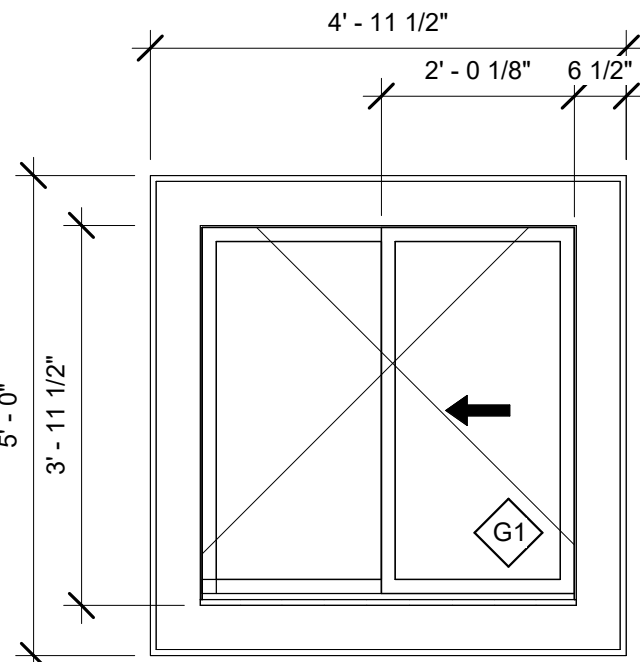


WINDOW G
1/2" = 1'-0"

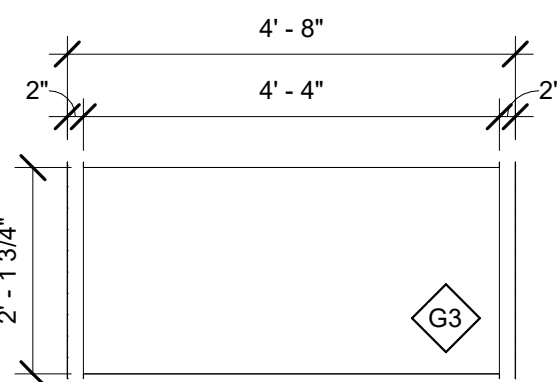
SCHEDULED
DOOR & FRAME



WINDOW H
1/2" = 1'-0"



WINDOW I
1/2" = 1'-0"



WINDOW J
1/2" = 1'-0"

WINDOW GLASS TYPES

G1	1/4" CLEAR TEMPERED GLASS
G2	1" INSULATED LOW E TEMPERED GLASS
G3	1" INSULATED LOW E GLASS

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WINDOW
ELEVATIONS

A9.11

D

C

B

A

MATERIALS LEGEND					
DESIGNATION	FINISH TYPE	MANUFACTURER	STYLE NAME / NUMBER	COLOR NAME / SIZE	LOCATION / COMMENTS
ACT-1	ACOUSTICAL CEILING TILE	USG	OLYMPIA MICRO ACOUSTICAL PANELS #4210	WHITE/ 24"X24"	FINELINE BEVEL TEGULAR, 0.60 NRC/ 35 CAC. SEE FINISH SCHEDULE AND RCP FOR LOCATION.
ACT-2	ACOUSTICAL CEILING TILE	ARMSTRONG	CALLA HIGH NRC	WHITE/ 24"X24"	SQUARE TEGULAR 9/16 GRID. 0.90 NRC/ 30 CAC. INCLUDE KNIFE EDGE LIGHT COVES INDIRECT TRIM. SEE RCP AND CEILING DETAILS.
AT-1	ACOUSTIC TREATMENT	ARTIZIN	ARTFRAME	CUSTOM PRINT GRAPHICS/ 4'-7.5" X 1'-11.5"	3/4" LOW PROFILE FRAME THICKNESS. CUSTOM FRAME COLOR TO MATCH PNT-8. 0.30 NRC. DIRECT GLUE SYSTEM. SEE FINISH SCHEDULE AND CHAMBER ELEVATIONS FOR LOCATION.
AT-2	ACOUSTIC TREATMENT	SOELBERG	MUTO SLAB	CUSTOM PRINT SW7015 REPOSE GRAY	1/2" CORE THICKNESS. 0.40-0.50 NRC. Z-CLIP MOUNTING SYSTEM. SEE FINISH SCHEDULE AND CHAMBER ELEVATIONS FOR LOCATION.
CPT-1	CARPET TILE	J+J FLOORING	INTRINSIC ACCENT 7311	ESSENTIAL ACCENT 3563/ 24"X24"	INSTALL LAID AS ASHLAR. SEE FINISH SCHEDULE AND FINISH FLOOR PLANS FOR LOCATION.
CPT-2	CARPET TILE	J+J FLOORING	INTRINSIC 7096	ESSENTIAL 2719/ 24"X24"	INSTALL LAID AS ASHLAR. SEE FINISH SCHEDULE AND FINISH FLOOR PLANS FOR LOCATION.
PLAM-1	LAMINATE	ARBORITE	W465LE	MOCHA MODERN CHERRY	ADA SINK APRON IN THE RESTROOMS ONLY. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS AND DETAILS.
PLAM-2	LAMINATE	EGGER	F637 ST10	WHITE CHROMIX/ HPL	HPL INSTALLED COUNTERTOP SURFACE ONLY. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS AND DETAILS.
PLAM-3	LAMINATE	EGGER	H3710 ST12	NATURAL CARINI WALNUT/ TFL	EURODECKER TFL INSTALLED ON VERTICAL CASEWORK. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS AND DETAILS.
PNT-1	PAINT	SHERWIN WILLIAMS	EGGSHELL	SW7015 REPOSE GRAY	FIELD PAINT. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS.
PNT-2	PAINT	SHERWIN WILLIAMS	EGGSHELL	SW7011 NATURAL CHOICE	FIELD PAINT. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS.
PNT-3	PAINT	SHERWIN WILLIAMS	EPOXY	SW7011 NATURAL CHOICE	EPOXY FINISH FOR BATHROOM WALLS ONLY. SEE FINISH SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS.
PNT-4	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	SW9089 LLAMA WOOL	DOOR/ THRESHOLD TRIM SURROUND AND GWB/ WAINSCOT ACCENT PAINT IN CHAMBER. SEE FINISH/DOOR SCHEDULE AND INTERIOR ELEVATIONS FOR LOCATIONS.
PNT-5	PAINT	SHERWIN WILLIAMS	FLAT	SW7008 ALABASTER	GWB CEILING PAINT IN LOBBY AND CHAMBER ONLY. SEE FINISH SCHEDULE FOR LOCATION.
PNT-6	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	MATCH EXISTING	DOOR/ TRIM SURROUND. MATCH EXISTING DOORS/ TRIM FROM SECOND FLOOR. SEE DOOR SCHEDULE FOR LOCATION.
PNT-7	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	SW7018 DOVETAIL	CHAMBER DOORS. SEE DOOR SCHEDULE AND INTERIOR ELEVATION FOR LOCATIONS.
PNT-8	PAINT	SHERWIN WILLIAMS	EGGSHELL	SW6268 TRICORN BLACK	PAINT PLYWOOD PANEL BEHIND RECESSED ACOUSTIC FRAME. SEE ELEVATIONS AND DETAILS.
RB-1	RUBBER BASE	ROPPE	VINYL WALL BASE	676 CARIBOU/ 4"H	STANDARD TOE COVE BASE 1/8". SEE FINISH SCHEDULE FOR LOCATION.
SSM-1	SOLID SURFACE COUNTERTOP	WILSONART	SOLID SURFACE	JOVIAN 9211CM	BATHROOM AND CUSTOMER SERVICE COUNTERTOP. SEE CASEWORK DETAILS.
SSM-2	SOLID SURFACE COUNTERTOP	CORIAN	SOLID SURFACE	DEEP NOCTURNE	DAIS COUNTERTOP IN CHAMBER. SEE CASEWORK DETAILS.
T-1	FLOOR TILE	DALTILE	VOLUME 1.0	DEGREES SILVER VL71/ 12"X24"	MATTE 5/16" THICK. FIELD TILE INSTALL LAID STACKED. SEE FINISH SCHEDULE AND FINISH FLOOR PLAN ON SHEET A10.21 FOR LOCATION AND TILE PATTERN.
T-2	FLOOR TILE	DALTILE	VOLUME 1.0	ACCENT BROWN VL78/ 12"X24"	MATTE 5/16" THICK. ACCENT/BORDER TILE INSTALL LAID STACKED. IN LOBBY CUSTOM CUT TILE TO MATCH OCTAGON PATTERN. SEE FINISH SCHEDULE AND FINISH FLOOR PLAN FOR LOCATION AND TILE PATTERN. COORDINATE MATCHING COVE BASE 6"X12". GROUT TBD.
T-3	WALL TILE	DALTILE	VOLUME 1.0	DEGREES SILVER VL71/ 12"X12"	MATTE 5/16" THICK. FIELD TILE INSTALL LAID STACKED. SEE FINISH SCHEDULE AND FINISH FLOOR PLAN FOR LOCATION. COORDINATE MATCHING COVE BASE 6"X12". GROUT TBD.
T-4	WALL TILE	DALTILE	COLOR WHEEL LINEAR	GLOSSY BISCUIT K175/ 2"X8"	INSTALL LAID STAGGERED ON WET WALLS ONLY. SEE INTERIOR ELEVATIONS FOR TILE PATTERN COORDINATION. GROUT TBD.
T-5	WALL TILE	DALTILE	COLOR WHEEL LINEAR	GLOSSY ARCHITECTURAL GRAY 0109/ 2"X8"	INSTALL LAID STACKED IN ACCENT BAND ON WET WALLS ONLY. SEE INTERIOR ELEVATIONS FOR TILE PATTERN COORDINATION. GROUT TBD.
T-6	WALL TILE	DALTILE	COLOR WHEEL LINEAR	MATTE ARCHITECTURAL GRAY 0709/ CUSTOM 2"X4"	INSTALL LAID STACKED IN ACCENT BAND ON WET WALLS ONLY. SEE INTERIOR ELEVATIONS FOR TILE PATTERN COORDINATION. GROUT TBD.
VCT-1	STATIC RESISTANT -VINYL COMPOSITION TILE	ARMSTRONG FLOORING	STATIC CONTROL FLOORING/ EXCELRON SDT	51950 MARBLE BEIGE/ 12"X12"	INSTALL LAID ASHLAR. SEE FINISH FLOOR PLANS FOR LOCATION.
TB-1	INTERIOR THIN BRICK	TAYLOR CLAY PRODUCTS	THIN BRICK	TBD LIGHT BRICK	LOCATED IN CHAMBER AND LOBBY. SEE INTERIOR ELEVATIONS FOR LOCATION AND DETAILS.
TB-2	INTERIOR THIN BRICK	TAYLOR CLAY PRODUCTS	THIN BRICK	TBD DARK BRICK	LOCATED IN CHAMBER AND LOBBY. SEE INTERIOR ELEVATIONS FOR LOCATION AND DETAILS.
TS-1	FLOOR/WALL TRANSITION STRIP	SCHLUTER	DILEX-AHK	ANODIZED ALUMINUM/ 3/8"	ALL BATHROOM BASE/FLOOR TRANSITIONS WITH TILE. SEE FINISH SCHEDULE FOR LOCATION AND DETAILS.
CR-1	CHAIR RAIL TRIM	TBD	TBD	SW9089 LLAMA WOOL/ GWB	PAINTED CHAIR RAIL IN CHAMBER ONLY. SEE FINISH SCHEDULE, MILLWORK PROFILES AND INTERIOR ELEVATIONS FOR LOCATION AND DETAILS.
WB-1	WOOD BASE	TBD	TBD	SW9089 LLAMA WOOL/ GWB	PAINTED WOOD BASE IN CHAMBER ONLY. SEE FINISH SCHEDULE, MILLWORK PROFILES AND INTERIOR ELEVATIONS FOR LOCATION AND DETAILS.
WB-2	WOOD BASE	TBD	TBD	SW9089 LLAMA WOOL/ GWB	PAINTED WOOD BASE AT DAIS IN CHAMBER ONLY. SEE FINISH SCHEDULE, MILLWORK PROFILES AND INTERIOR ELEVATIONS FOR LOCATION AND DETAILS.

FINISH SCHEDULE											
Number	Name	Floor Finish	Base Finish	Ceiling Finish	Casework	Countertop	Wall Finish				Comments
							North	South	East	West	
BASEMENT											
001	CORR.	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
002	RECREATION DIRECTOR	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
003	RECREATION STORAGE	VCT-1	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
005	STAIR 1	CPT-2	RB-1	-	-	-	PNT-2	PNT-2	PNT-2	PNT-2	STAIR THREADS STAY EXISTING. NEW FLOORS ON STAIR LANDING ONLY. SEE FINISH PLANS
007	ADMIN	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
009	STOR.	CPT-2	RB-1	-	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
010	COMMUNICATIONS	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
011	WAITING	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
012	COPY/WORK	CPT-2	RB-1	ACT-1	PLAM-3	PLAM-2	PNT-2	PNT-2	PNT-2	PNT-2	
013	STAIR 2	CPT-2	RB-1	-	-	-	PNT-2	PNT-2	PNT-2	PNT-2	STAIR THREADS STAY EXISTING. NEW FLOORS ON STAIR LANDING ONLY. SEE FINISH PLANS
014	ADMIN	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
015	PLANNING DIRECTOR	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
FIRST FLOOR PLAN											
101	LOBBY	T-1/ T-2	T-2	GWB/ PNT-5/ ACT-2	-	-	PNT-1	PNT-1	PNT-1	PNT-1	
102	CORRIDOR	T-1/ T-2	T-2	ACT-1	-	-	PNT-1	PNT-1	PNT-1	PNT-1	
103	TAX	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
104	SERVER	VCT-1	RB-1	EXIST	-	-	EXIST	EXIST	EXIST	EXIST	
105	STAIR 1	T-1	T-3	-	-	-	PNT-2	PNT-2	PNT-2	PNT-2	STAIR THREADS STAY EXISTING. NEW FLOORS ON STAIR LANDING ONLY. SEE FINISH PLANS
106	OFFICE (FUTURE)	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
107	WOMEN	T-3	TS-1	GWB/ PNT-5	PLAM-1	SSM-1	PNT-3	PNT-3	T-4/ T-5/ T-6	PNT-3	TILE ON WET WALLS ONLY
108	JC	T-1	T-3	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
109	MEN	T-3	TS-1	GWB/ PNT-5	PLAM-1	SSM-1	PNT-3	PNT-3	T-4/ T-5/ T-6	PNT-3	TILE ON WET WALLS ONLY
110	CHAMBER	CPT-1/ CPT-2	W-1	GWB/ PNT-5/ ACT-2	PNT-4	SSM-2	PNT-1/ PNT-4/ TB-2	TB-1/ TB-2	AT-2/ PNT-1/ PNT-4	AT-2/ PNT-1/ PNT-4	SSM-2 ON DAIS COUNTERTOP ONLY. SEE MILLWORK DETAILS
111	EXECUTIVE CONFERENCE	CPT-1	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
112	CORRIDOR	CPT-1	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
113	STAIR	T-1/ CPT-1	T-3/ RB-1	-	-	-	PNT-2	PNT-2	PNT-2	PNT-2	STAIR THREADS STAY EXISTING. NEW FLOORS ON STAIR LANDING ONLY. SEE FINISH PLANS
115	COPY/WORK	CPT-2	RB-1	ACT-1	PLAM-3	PLAM-2	PNT-2	PNT-2	PNT-2	PNT-2	
116	CUSTOMER SERVICE	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
117	FILE STORAGE	VCT-1	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	
118	DRIVE-THRU	CPT-2	RB-1	ACT-1	-	-	PNT-2	PNT-2	PNT-2	PNT-2	

FINISH NOTES	
1.	ALL NEW WALL AND CEILING FINISHES SHALL COMPLY WITH 803 OF THE IFC AND FLOOR FINISHES SHALL COMPLY WITH 804 OF THE IFC.
2.	GC SHALL BE RESPONSIBLE FOR COMPLYING WITH VOLATILE ORGANIC COMPOUND REGULATIONS FOR ALL FINISH MATERIALS.
3.	GC SHALL PROVIDE GWB FINISH IN COMPLIANCE WITH GYPSUM ASSOCIATION GA214-96.
4.	FLOOR SURFACE SHALL BE CLEAN AND CLEAR OF DEBRIS OR MATERIAL PRIOR TO CONSTRUCTION. FLOAT AND SCRAPE TO PROVIDE LEVEL SURFACE FOR NEW SPECIFIED FINISH.
5.	CONTRACTOR SHALL PROVIDE NECESSARY SHORING OR TEMPORARY SUPPORT AS REQUIRED.
6.	ALL CUTTING AND PATCHING WORK SHALL BE DONE IN A NEAT MANNER WITH QUALITY WORKMANSHIP AND IN ACCORDANCE WITH A PROFESSIONAL STANDARD OF CARE.
7.	ALL FINISHES SPECIFIED ARE APPROVED BY THE OWNER/DEVELOPER. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PROPER APPROVAL FROM OWNER/DEVELOPER & INTERIOR DESIGNER IN WRITING.
8.	REFER TO THE CONSTRUCTION PLANS DIMENSIONS FOR ALL PRELIMINARY FINISH MATERIAL TAKE-OFFS. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDER PLACEMENT.
9.	UNLESS NOTED OTHERWISE (U.N.O.), PROVIDE SATIN ALUMINUM FINISH TRANSITION STRIPS BY SCHLUTER OR EQUAL AT ALL FLOOR FINISH TRANSITIONS. VINYL AND MARBLE THRESHOLDS WILL NOT BE ACCEPTED. U.N.O., TRANSITION FINISHES AT CENTER OF DOOR. FLOAT OR FEATHER ALL FLOORING MATERIALS AS REQUIRED TO ENSURE A LEVEL TRANSITION BETWEEN MATERIALS OF VARYING THICKNESS. CHANGES IN LEVEL SHALL BE 1/4" MAXIMUM VERTICAL AND 1/2" MAXIMUM WITH A 1:2 BEVEL.
10.	a. SIMILAR HEIGHT TRANSITIONS = SCHLUTER SCHIENE, SATIN ANODIZED ALUMINUM
11.	i. TILE TO CARPET
12.	ii. CARPET TO VCT
13.	b. SLOPED TRANSITIONS = SCHLUTER RENO-TK OR RENO U, SATIN ANODIZED ALUMINUM
14.	c. CARPET TO LVT = SCHLUTER RENO-TK OR RENO U, SATIN ANODIZED ALUMINUM
15.	i. ALTERNATE - ROPPE SLIM PROFILE CARPET REDUCER STRIP. COLOR TBD
16.	d. TOP OF WALL TILE TRANSITION IF NOT FULL HEIGHT = SCHLUTER JOLLY, SATIN ANODIZED ALUMINUM
17.	e. WALL TILE TO CONCRETE FLOOR = SCHLUTER DILEX-AHKA, SATIN ANODIZED ALUMINUM
18.	f. FLOOR FINISH TO CONCRETE FLOOR = SCHLUTER RENO-U, COMES IN VARYING HEIGHTS SO MUST BE IN ADA HEIGHT, SATIN ANODIZED ALUMINUM
19.	TRANSITION FINISHES SHALL OCCUR AT CENTER OF DOOR OPENING OR AS INDICATED ON FLOOR PLANS.
20.	11. CONTINUE FLOORING AND WALL BASE MATERIAL AS SCHEDULED UNDER MILLWORK AND INTO ALL MILLWORK RECESSES.
21.	12. WALLS THAT CONTAIN MECHANICAL VENTS, ACCESS DOORS, ELECTRICAL PANELS, ETC., SHALL BE PAINTED THE COLOR OF THE WALL IN WHICH IT IS LOCATED.
22.	13. CEILINGS THAT CONTAIN MECHANICAL VENTS, ACCESS DOORS, ETC., SHALL BE PAINTED CEILING COLOR.
23.	14. ALL ELECTRICAL OUTLET COVERS & PLUGS SHALL MATCH AND BE WHITE IN COLOR WITH WHITE PLUGS. DARK WALLS SHALL BE BLACK WITH BLACK PLUGS. DECORATIVE WALLS (SUCH AS TILE) TO BE STAINLESS STEEL WITH GRAY PLUGS. FLOORBOXES TO BE METAL, NOT PLASTIC, SATIN ALUMINUM FINISH.
24.	15. ALL SURFACES RECEIVING PAINT, VARNISH, OR WALLCOVERING SHALL BE PREPARED ACCORDING TO MANUFACTURER'S SPECIFICATIONS FOR APPLIED FINISH PRIOR TO INSTALLATION OR APPLICATION OF FINISH MATERIAL. WHETHER GYPSUM BOARD, CMU, BRICK, ETC. PAINTER TO DETERMINE CORRECT PAINT TYPE FOR INSTALLATION.
25.	16. PAINT INSTALLATION SHALL CONSIST OF MIN. ONE COAT OF PRIMER AND MIN. TWO COATS OF SPECIFIED PAINT TO PRODUCE A SATISFACTORY FINISH APPEARANCE. INSTALLATION OF ALL PAINT MATERIALS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. CORRECT PAINT TYPE AND FINISH TO BE DETERMINED BY PAINTER FOR GYPSUM BOARD, CMU, BRICK, ETC. TYPE WALLS.
26.	a. U.N.O., ALL PTD. INTERIOR HOLLOW METAL FRAMES SHALL RECEIVE A WATERBASED ALKYD SEMI-GLOSS PAINT WITH LOW VOC'S. COLOR SHALL MATCH EXISTING ADJACENT WALL PAINT COLOR.
27.	b. U.N.O., ALL GWB CEILINGS SHALL RECEIVE FLAT FINISH.
28.	c. U.N.O., ALL EXPOSED CEILINGS SHALL RECEIVE FLAT FINISH. ALL CONDUIT, PIPING AND HVAC DUCT TO BE PAINTED TO MATCH CEILING.
29.	d. U.N.O., ALL GWB WALLS SHALL RECEIVE EGGSHELL FINISH.
30.	e. U.N.O., ALL DOORS SHALL BE PAINTED. INTERIOR SEMI-GLOSS AND EXTERIOR TO BE EXTERIOR GRADE.
31.	17. DOORS: SEE ARCHITECTURAL DOOR SCHEDULE
32.	a. ALL DOORS SHALL BE LEVER SET IN SATIN NICKEL.
33.	b. ALL GLASS DOORS SHALL HAVE ROCKWELL NEOTEK OFFSET PULLS, 16L, WITH SQUARE ENDS.
34.	c. ALL DOORS AND SIDELIGHTS TO RECEIVE 1" FROSTED WINDOW FILM BAND BY GC.
35.	d. MILLWORK CABINET DOOR PULLS SHALL HAVE AMEROCK BLACKROCK 5". SATIN NICKEL
36.	18. ALL FLOORING MATERIALS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. INSTALLATION SHALL BE FREE OF ABRASION, BUBBLES, CRACKS, AND OTHER IMPERFECTIONS. SEAMING SHALL BE VISIBLY CONCEALED.
37.	19. PROVIDE WATERPROOF AND CRACK ISOLATION MEMBRANE IN ALL AREAS RECEIVING PORCELAIN FLOOR TILE. PROVIDE APPROPRIATE EXPANSION AND CONTROL JOINTS PER CURRENT I.C.A. RECOMMENDATIONS. REFER TO TCNA EJ-17-09 FOR MOVEMENT JOINTS - VERTICAL AND HORIZONTAL
38.	20. TILE INSTALLATION SHALL BE SLOPED TO DRAINS. TILE AND SUBSTRATE SHALL BE INSTALLED PER TCNA GUIDELINES. MOISTURE RESISTANT GYPBOARD SHALL BE USED BEHIND WALLS THAT ARE WET WALLS.
39.	21. ALL FLOOR GROUT TO BE STAR QUARTZ GROUT.
40.	22. G.C. TO FINISH GWB TO FINISHED FLOOR SO THAT BASE IS APPLIED TO A SMOOTH SURFACE.
41.	23. FLOORING PATTERN HATCHING IS FOR MATERIAL INFORMATION AND DESIGN INTENT ONLY. CONTRACTOR SHALL SUBMIT FLOORING SEAMING / PATTERN LAYOUT DIAGRAM TO INTERIOR DESIGNER FOR REVIEW AND APPROVAL PRIOR TO ORDERING AND INSTALLATION. INDICATE ON CARPET SEAMING DIAGRAM THE DIRECTION OF PATTERN INSTALLATION. CUT TILES LESS THAN 1/3 OF A FULL SIZE PIECE WILL NOT BE ACCEPTED. COORDINATE WITH ARCHITECT AS REQUIRED TO AVOID PORCELAIN TILE "SLIVERS".
42.	24. CEILINGS SHALL BE INSTALLED PER PLAN DIAGRAMS. CEILINGS SHALL BE INSTALLED TO AVOID TILE "SLIVERS". CUT TILES LESS THAN 6" WILL NOT BE ACCEPTED.
43.	25. REFER TO INTERIOR ELEVATIONS FOR ALL MILLWORK FINISH DESIGNATIONS.
44.	26. GC SHALL SUBMIT FINISH SAMPLES TO INTERIOR DESIGNER AND ARCHITECT FOR REVIEW PRIOR TO ORDER AND INSTALLATION.

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JUNE 23, 2025



CANTON TOWN HALL

No.	Description	Date

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

FINISH SCHEDULE

A9.21

D

C

C1 BASEMENT FINISH PLAN
1/8" = 1'-0"

B

A

A1 BASEMENT FURNITURE PLAN
1/8" = 1'-0"

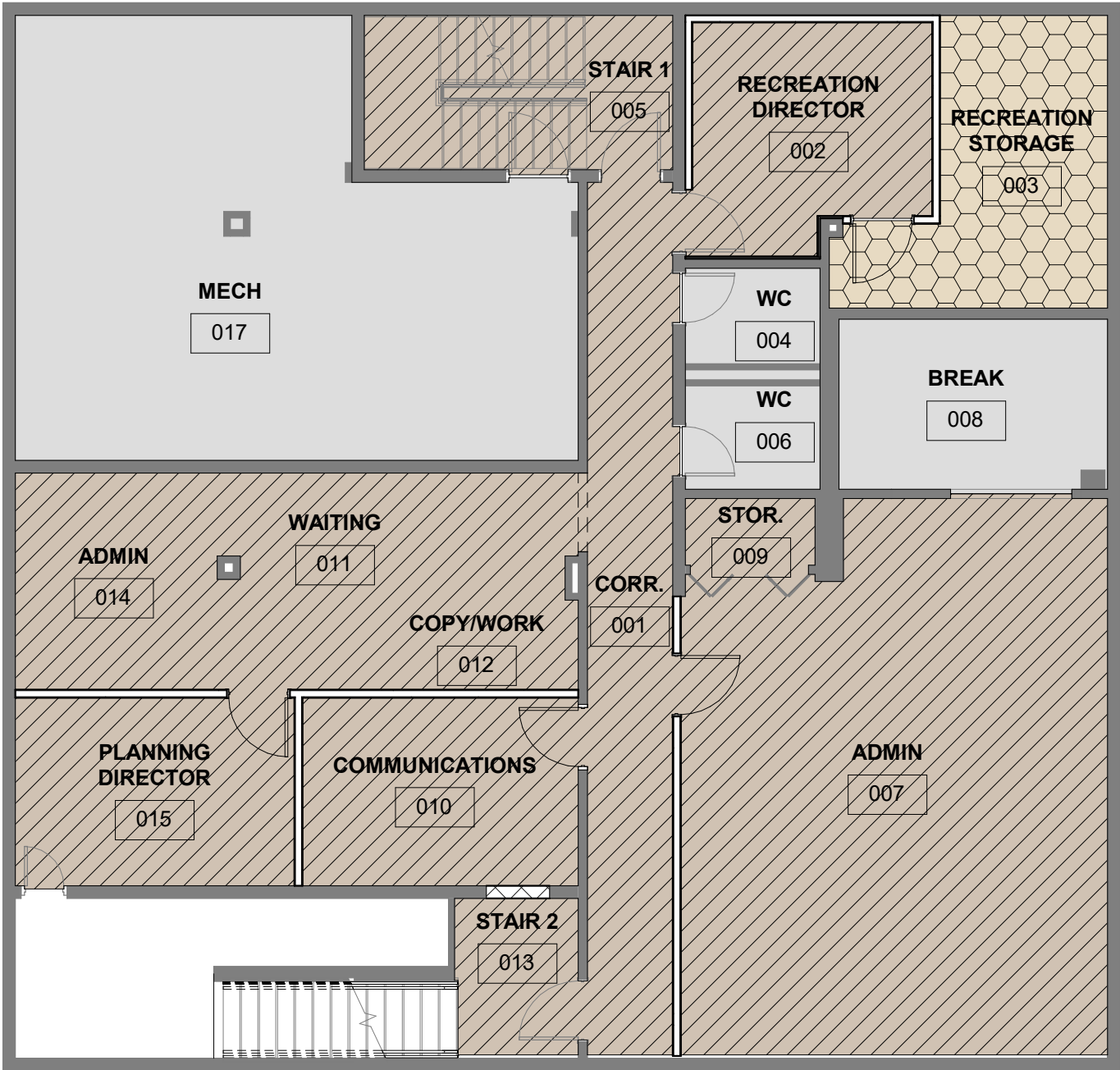
1

2

3

4

5



FLOOR FINISH LEGEND

	T-1
	T-2
	T-3
	CPT-1
	CPT-2
	VCT-1

NOTES

1. SEE MATERIAL LEGEND FOR PRODUCT INFORMATION

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CANTON TOWN HALL

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BASEMENT FINISH PLAN & POSSIBLE FURNITURE LAYOUT

A10.01

LEGEND

	TRUE NORTH		PLAN NORTH
	EXISTING WALL TO REMAIN		NEW WALL

D

C

C1 FIRST FLOOR FINISH PLAN
1/8" = 1'-0"

B

A

A1 FIRST FLOOR FURNITURE PLAN
1/8" = 1'-0"

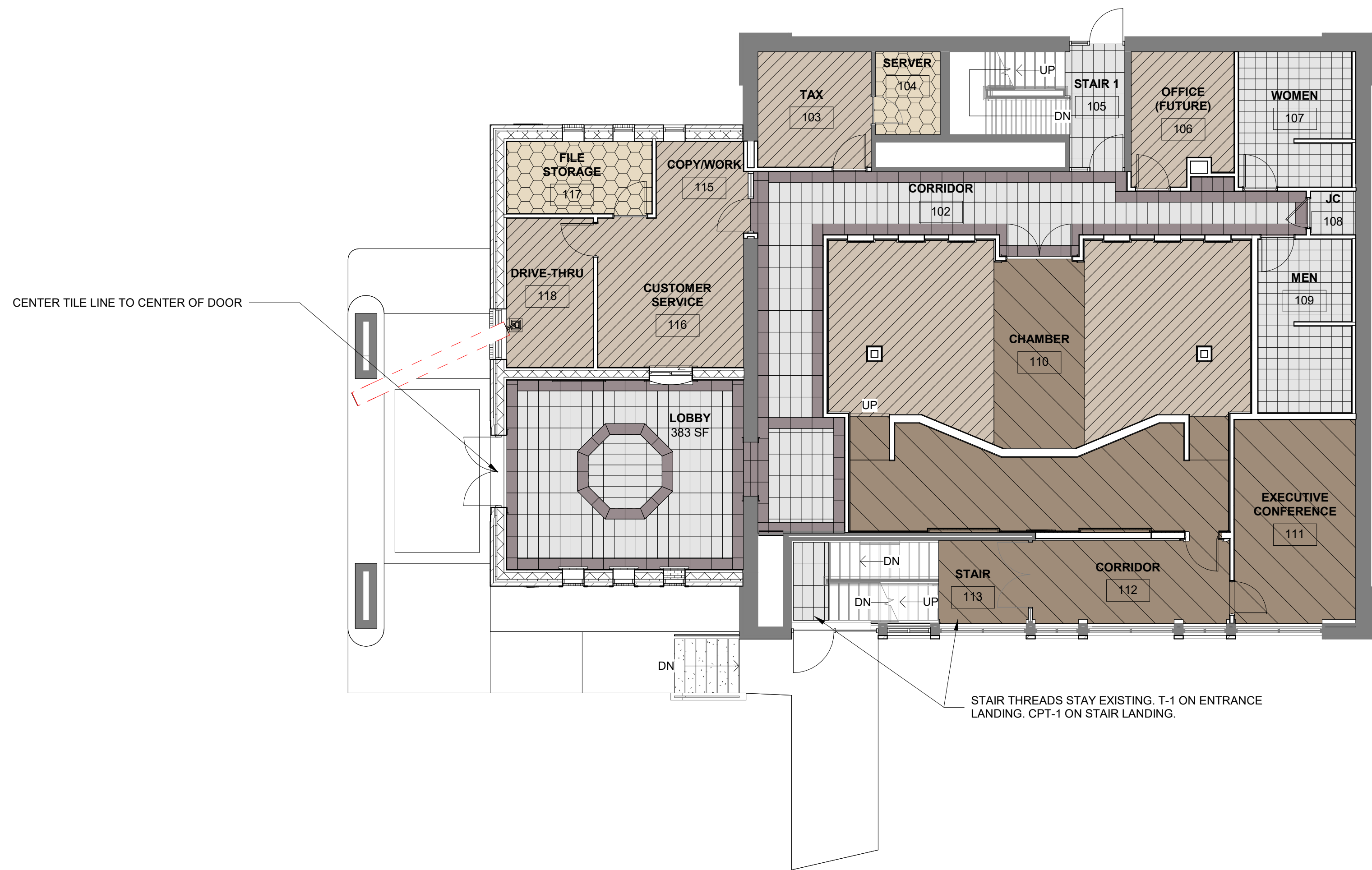
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2

3

4

5



FLOOR FINISH LEGEND	
	T-1
	T-2
	T-3
	CPT-1
	CPT-2
	VCT-1

NOTES	
1. SEE MATERIAL LEGEND FOR PRODUCT INFORMATION	

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JUNE 23, 2025

CANTON TOWN HALL

No.	Description	Date

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

FIRST FLOOR FINISH PLAN & POSSIBLE FURNITURE LAYOUT

A10.02

LEGEND	
	TRUE NORTH
	PLAN NORTH
	EXISTING WALL TO REMAIN
	NEW WALL

D

C

B

A



JUNE 23, 2025



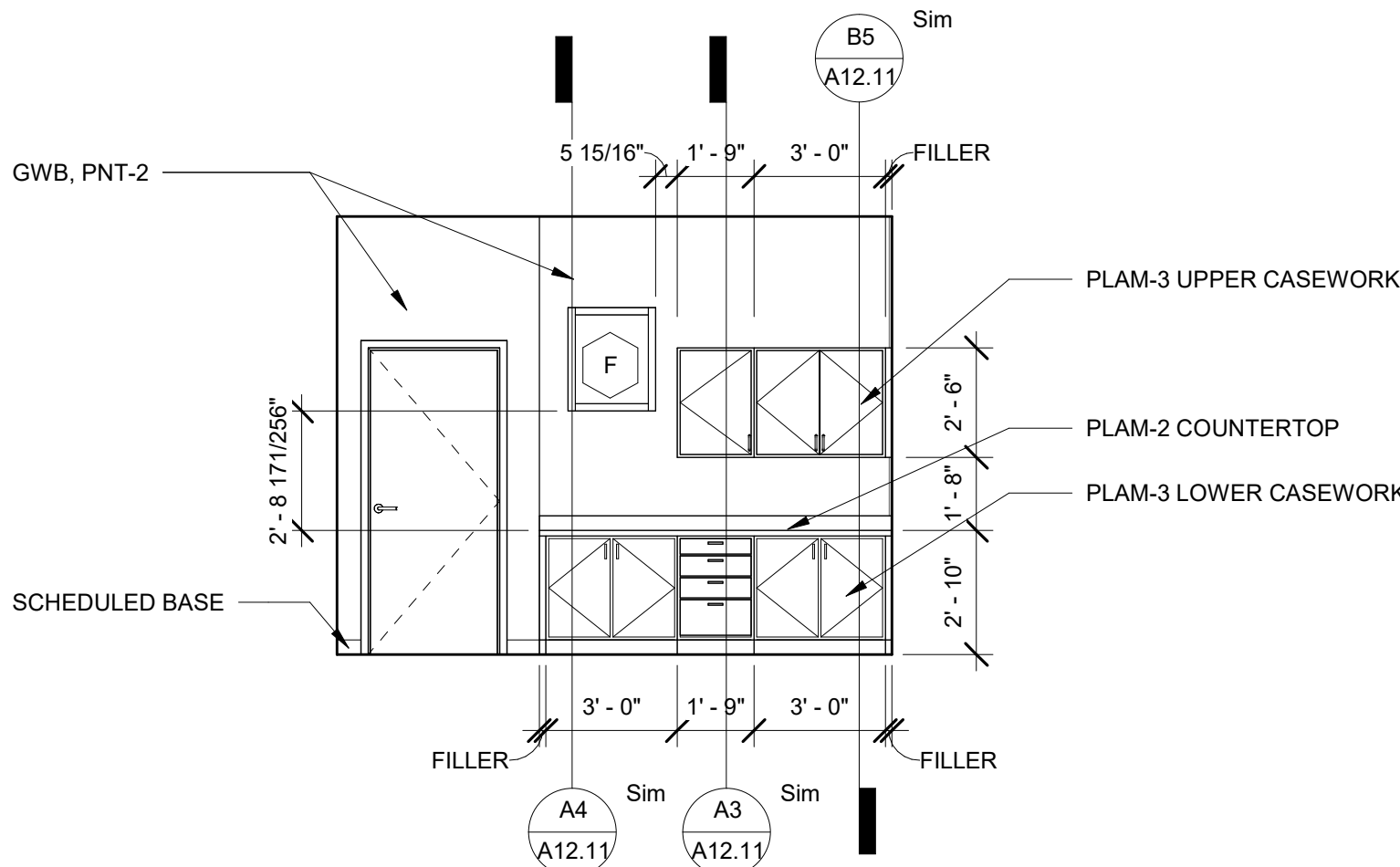
CANTON TOWN HALL

No.	Description	Date

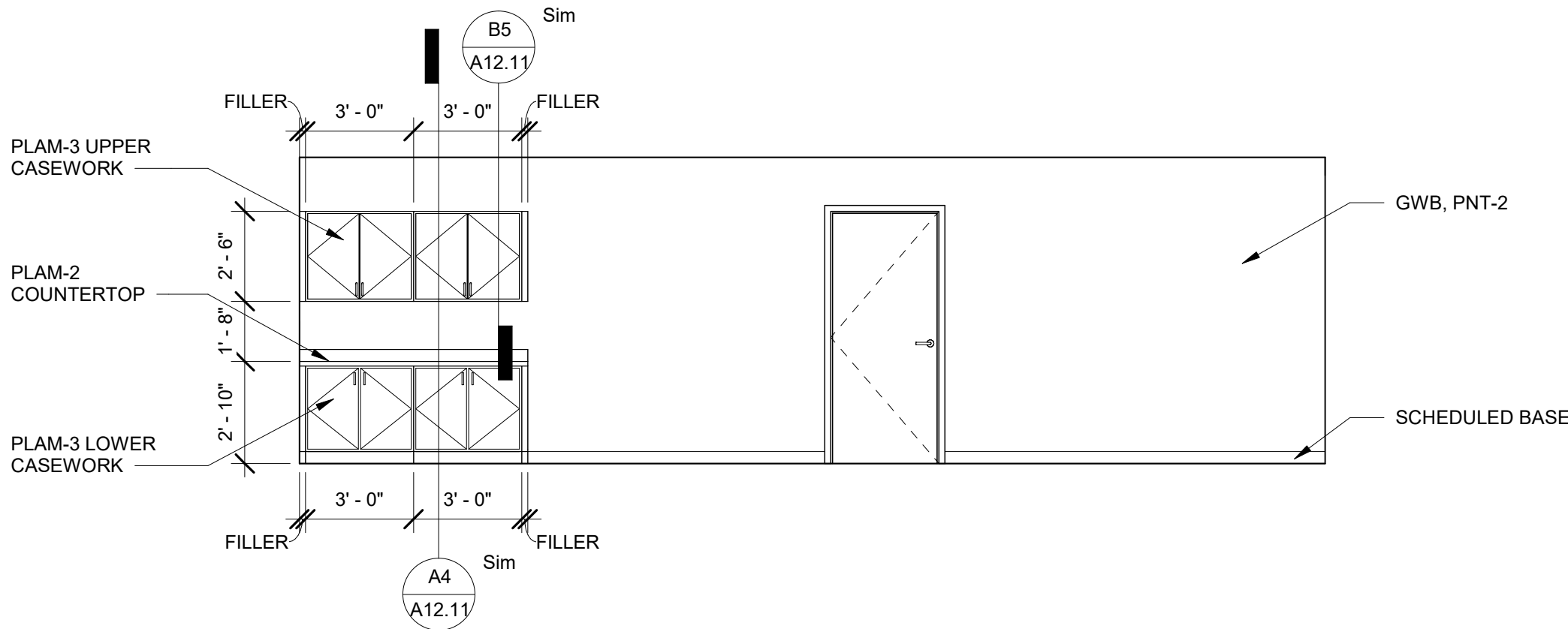
Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

BASEMENT & FIRST FLOOR INTERIOR ELEVATIONS

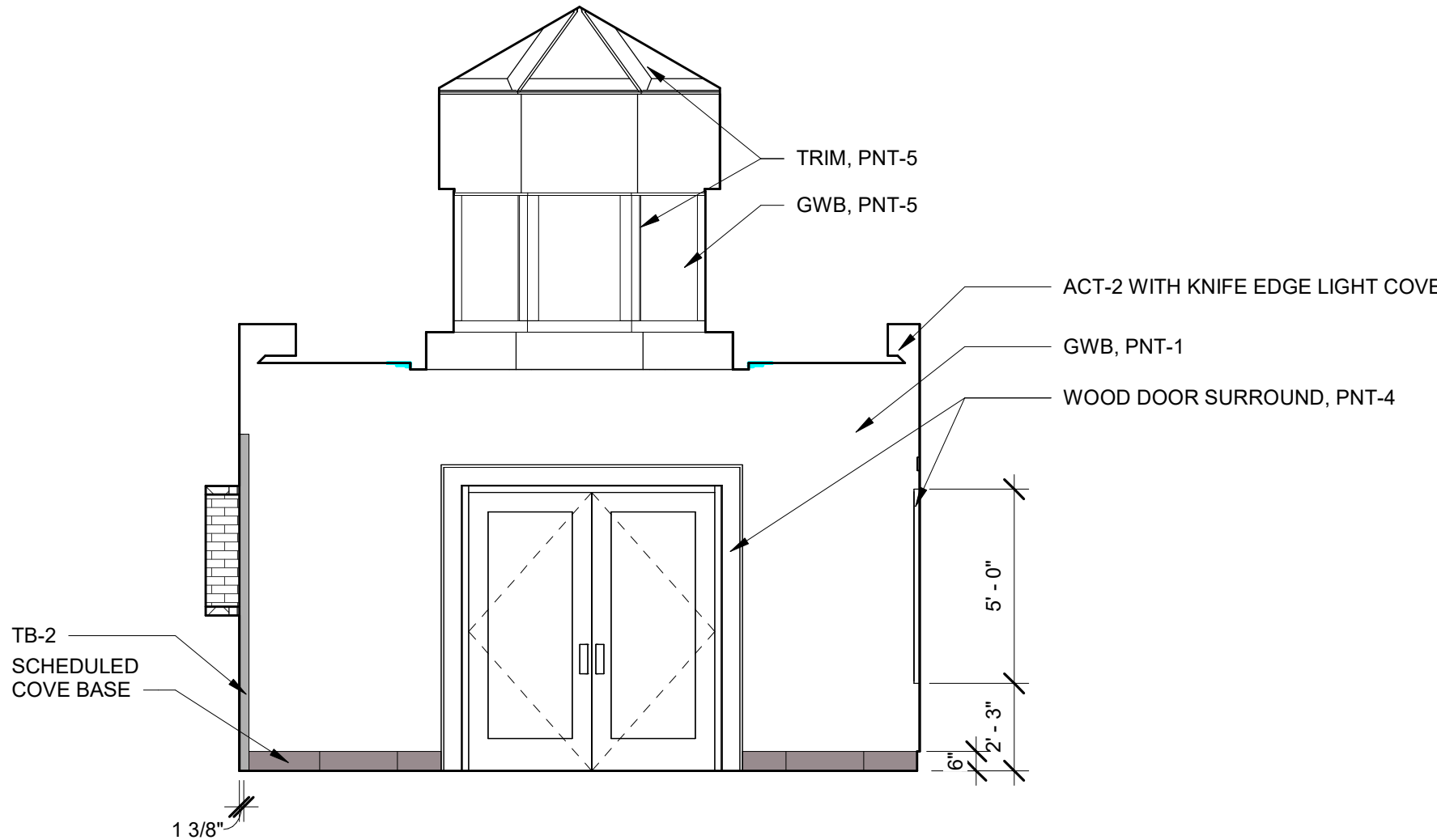
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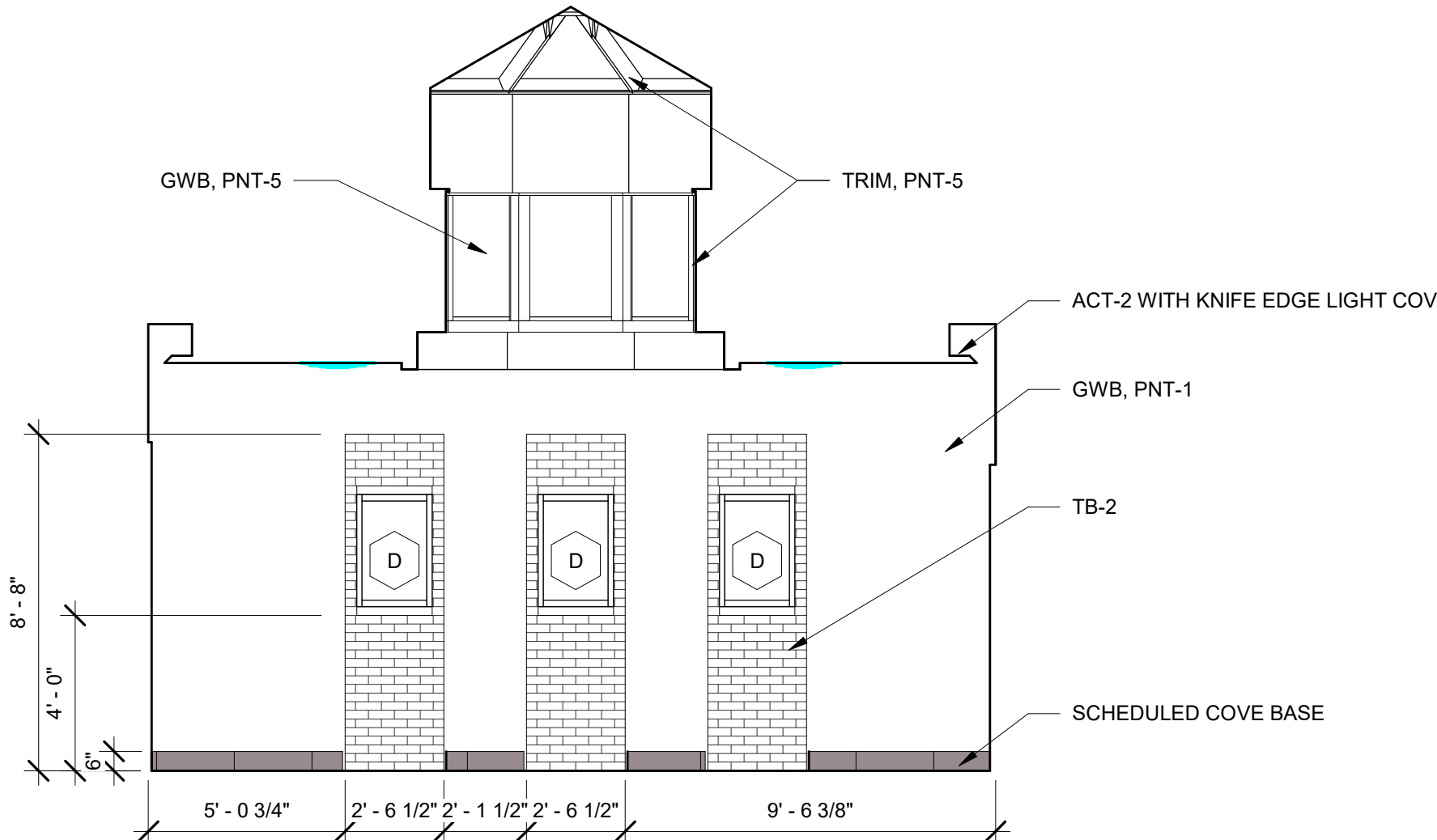
C2 CUSTOMER SERVICE 116 - NORTH
1/4" = 1'-0"



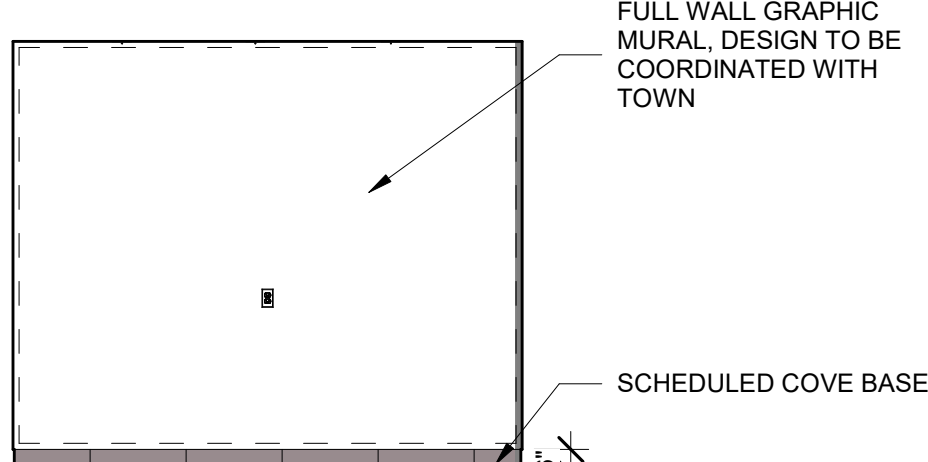
C4 COPYWORK 012 - SOUTH
1/4" = 1'-0"



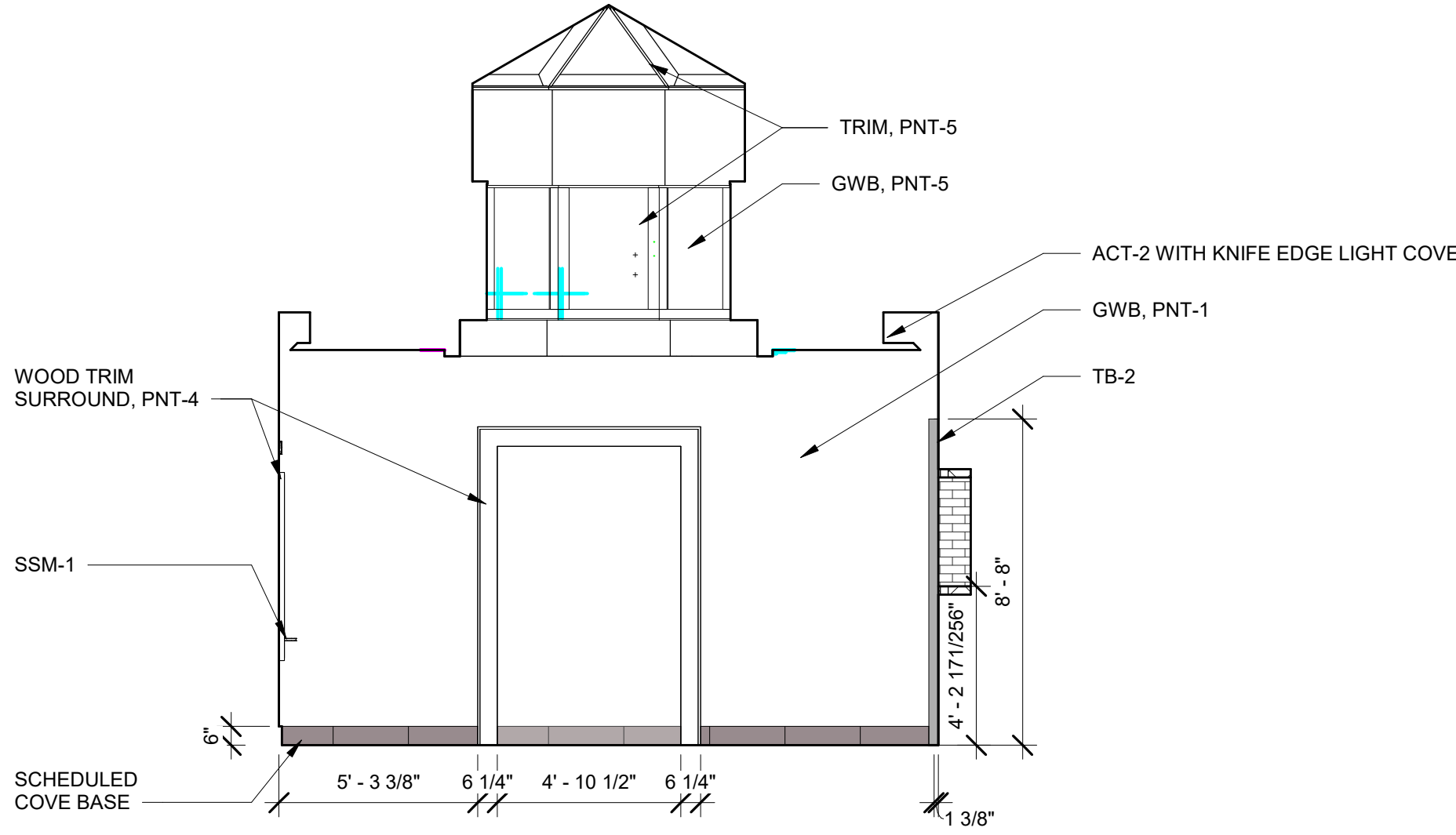
B2 LOBBY 101 - WEST
1/4" = 1'-0"



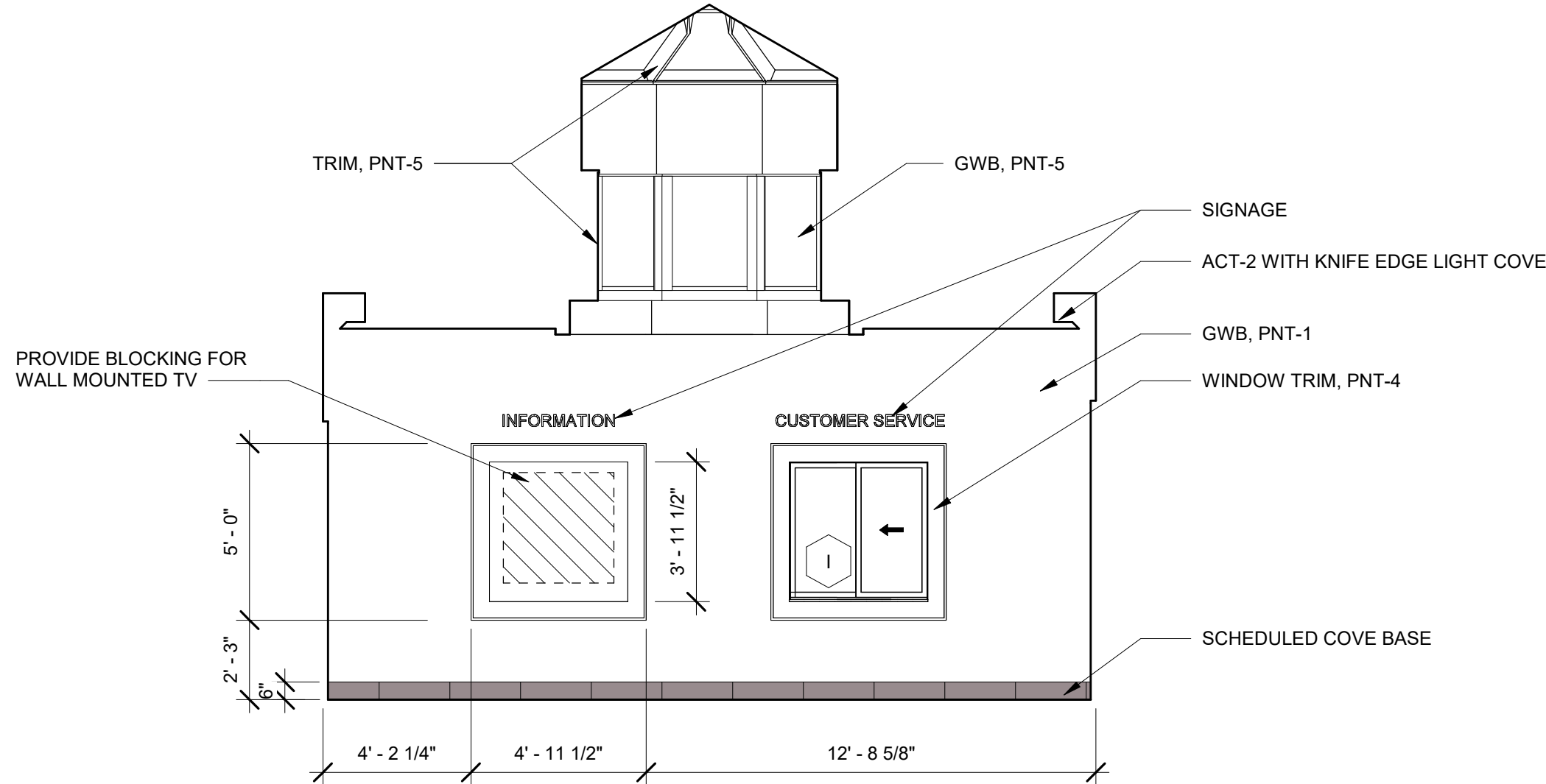
B4 LOBBY 101 - SOUTH
1/4" = 1'-0"



A1 CORRIDOR 102 - EAST
1/4" = 1'-0"

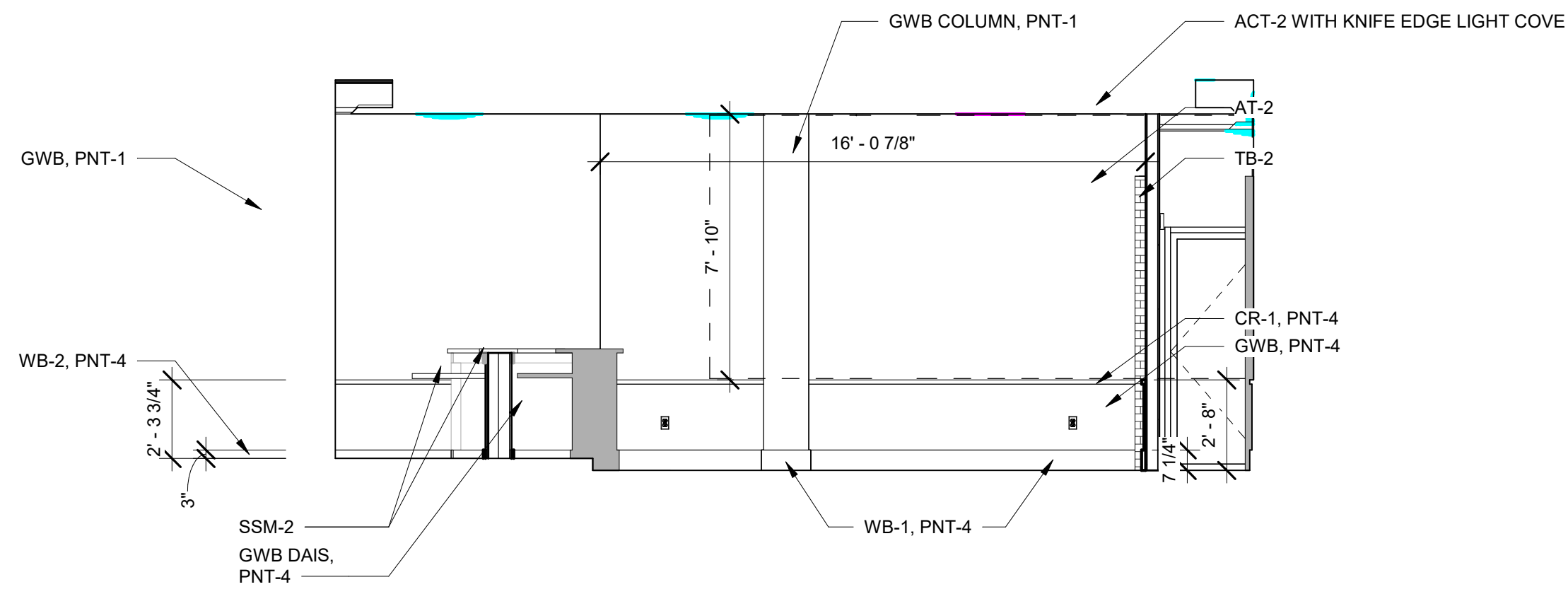


A2 LOBBY 101 - EAST
1/4" = 1'-0"

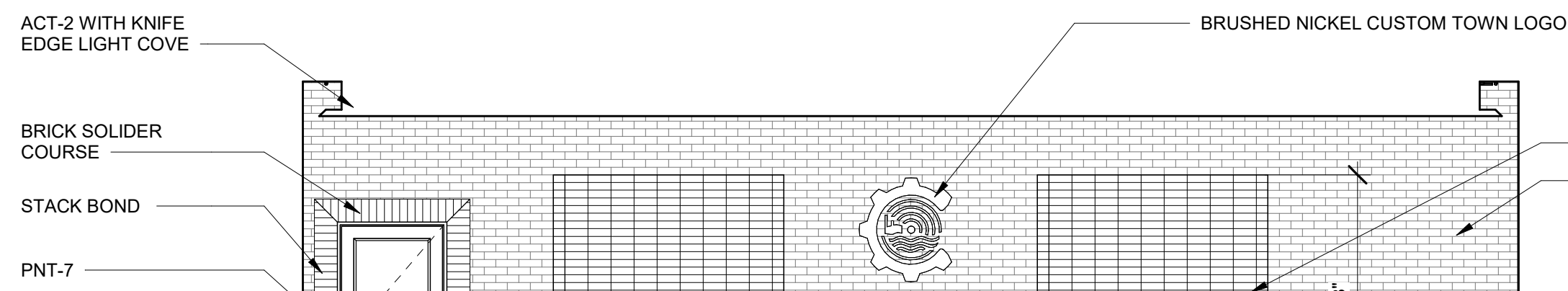


A4 LOBBY 101 - NORTH
1/4" = 1'-0"

D

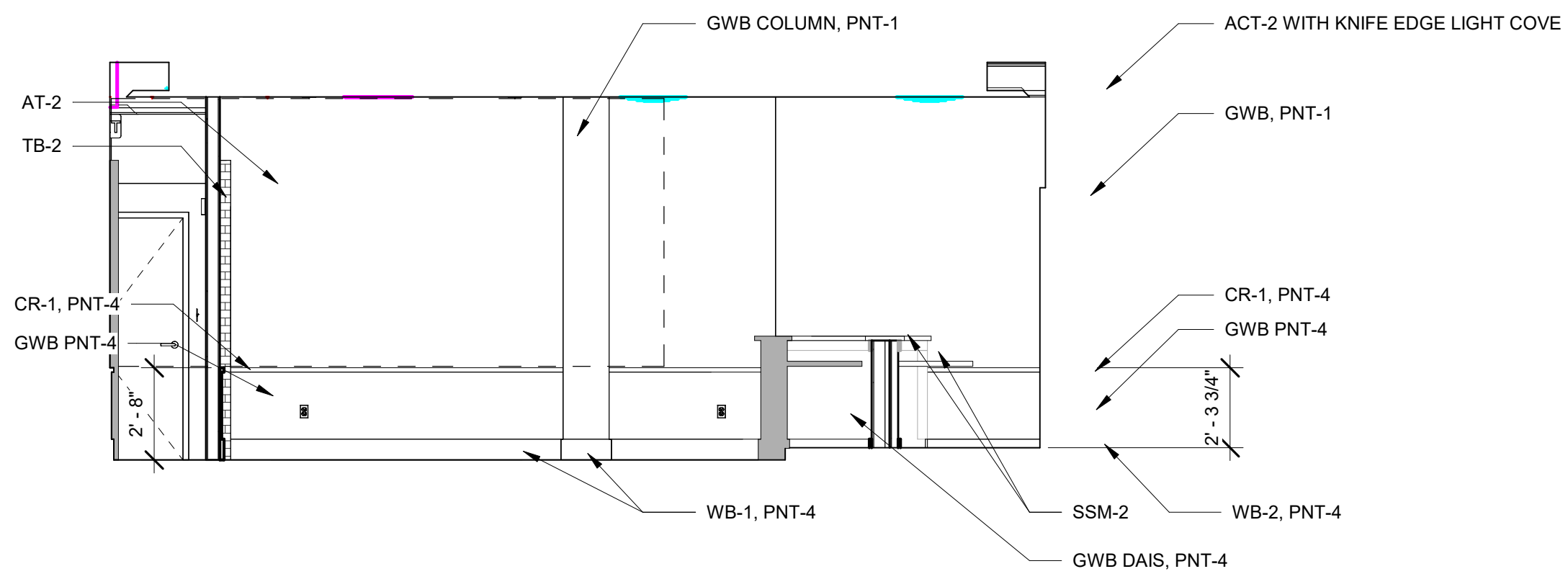


D1 CHAMBER 110 - WEST
1/4" = 1'-0"

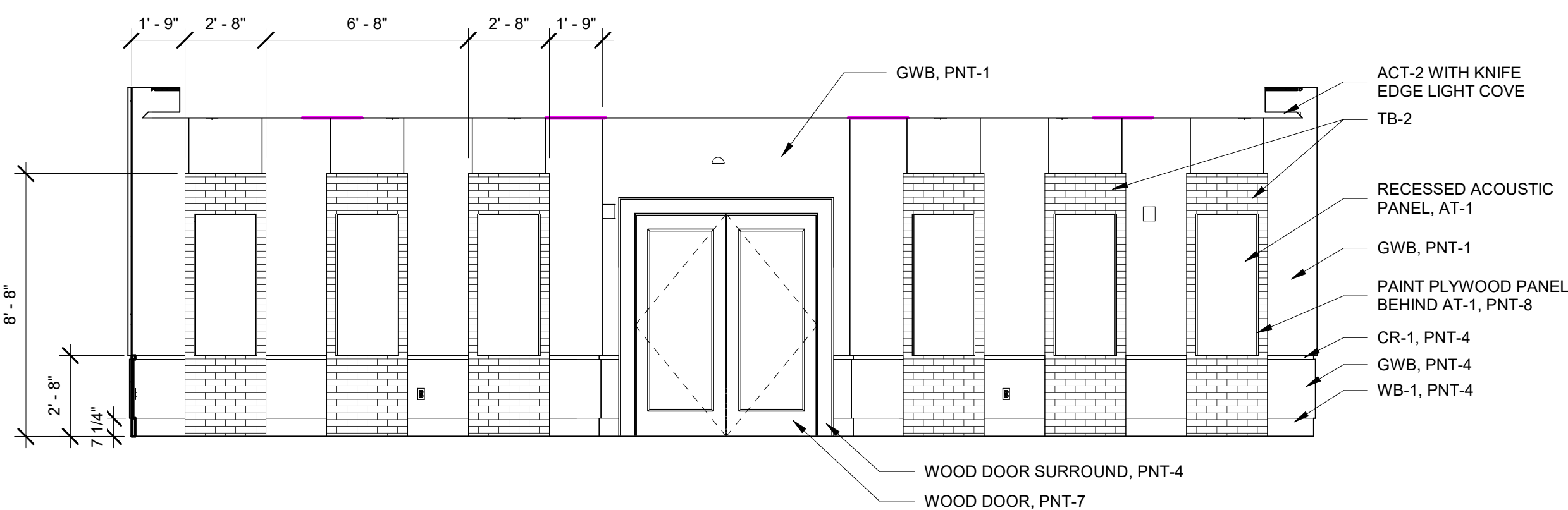


D3 CHAMBER 110 - SOUTH
1/4" = 1'-0"

C

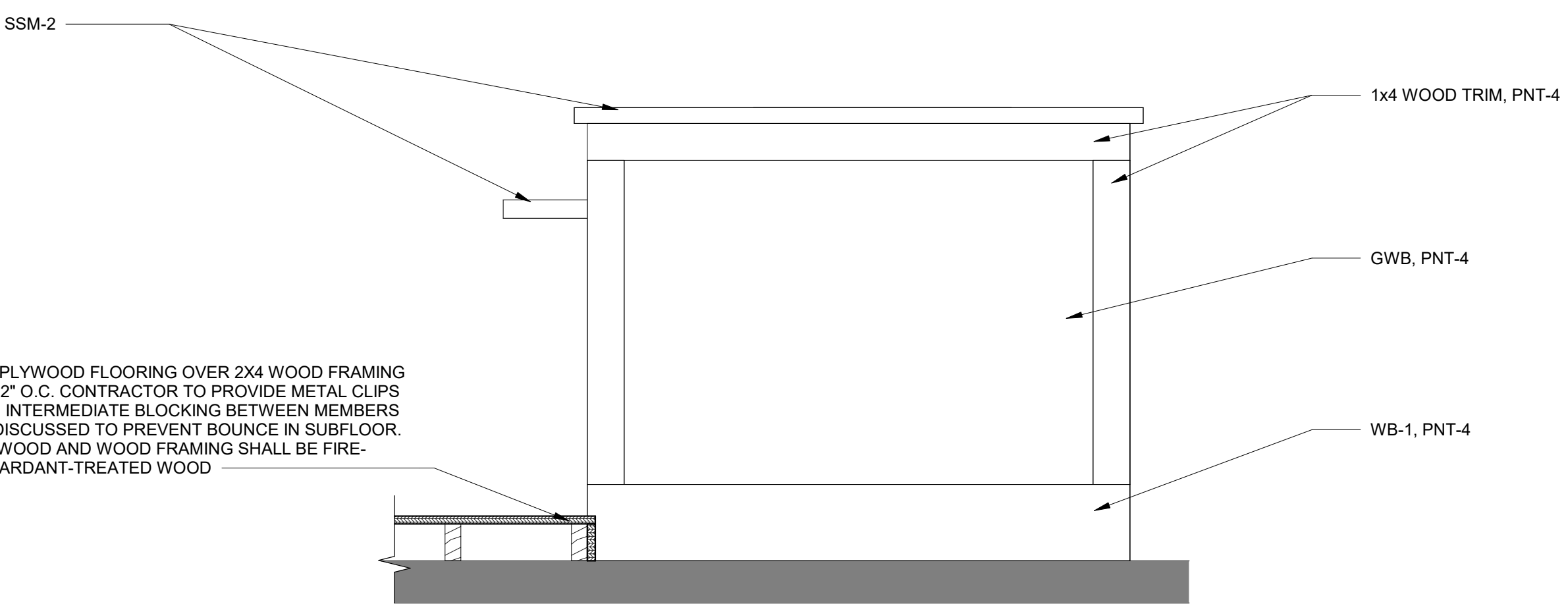


C1 CHAMBER 110 - EAST
1/4" = 1'-0"

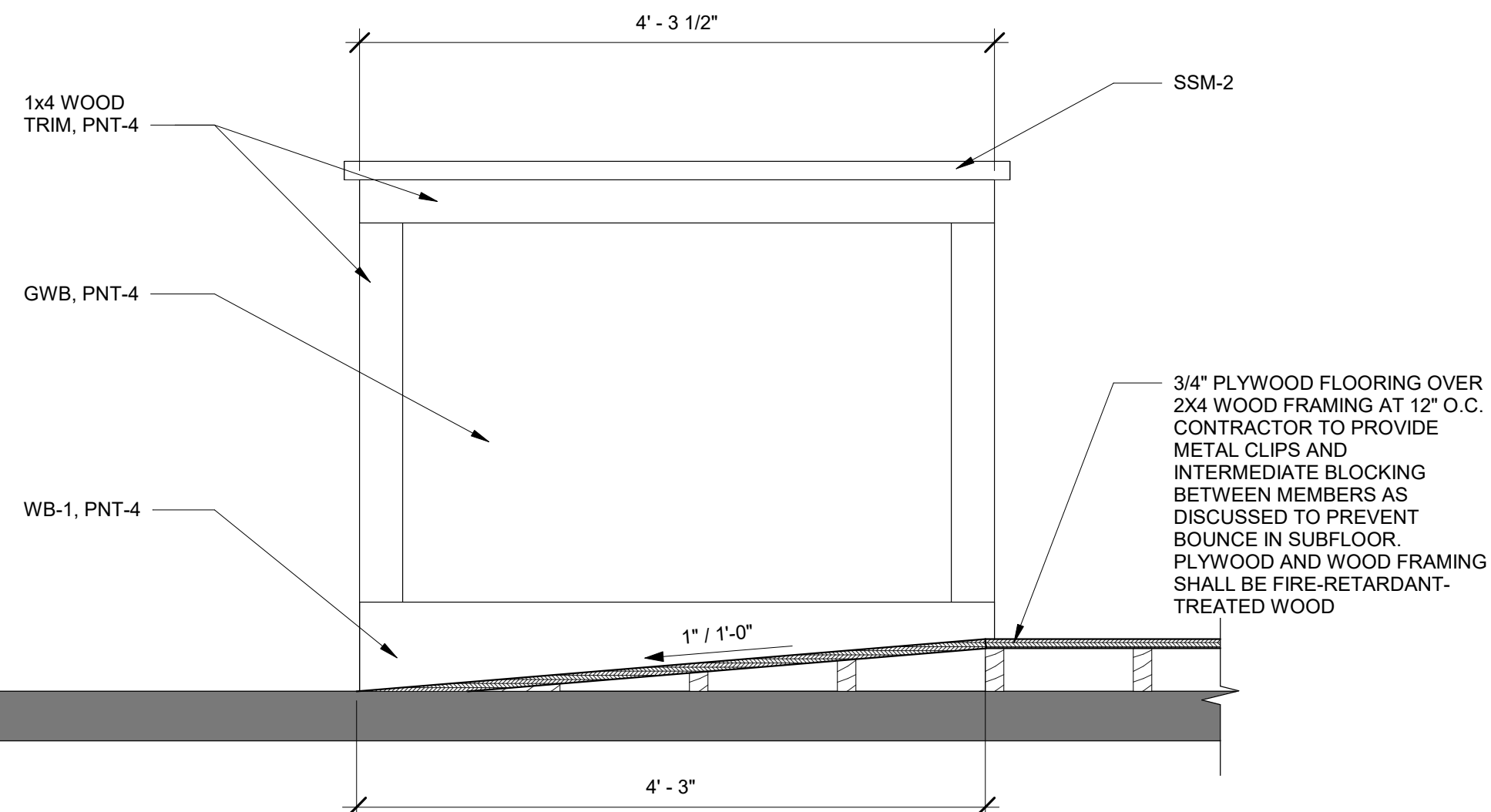


C3 CHAMBER 110 - NORTH
1/4" = 1'-0"

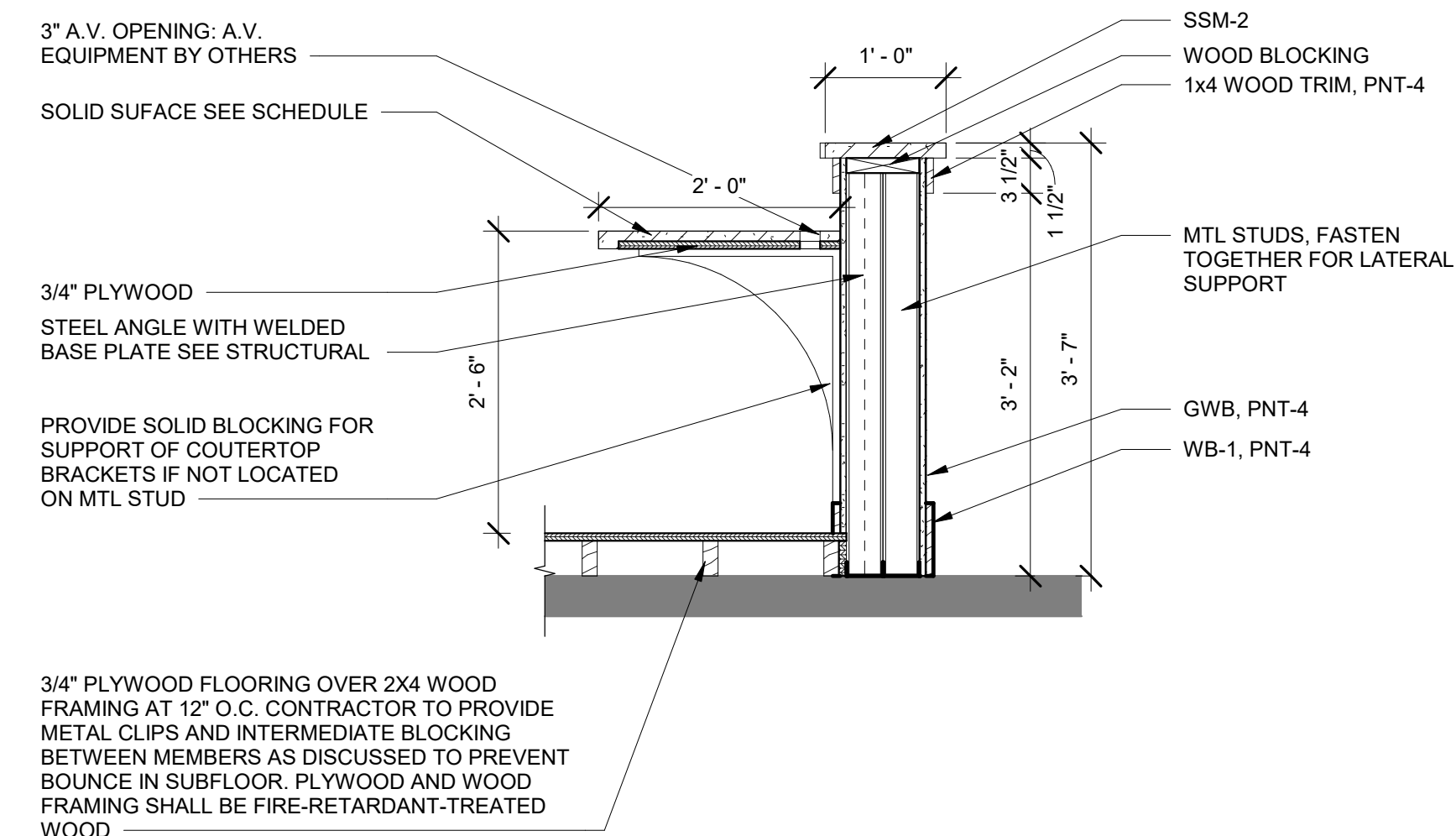
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B1 DAIS ELEVATION - EAST
1" = 1'-0"

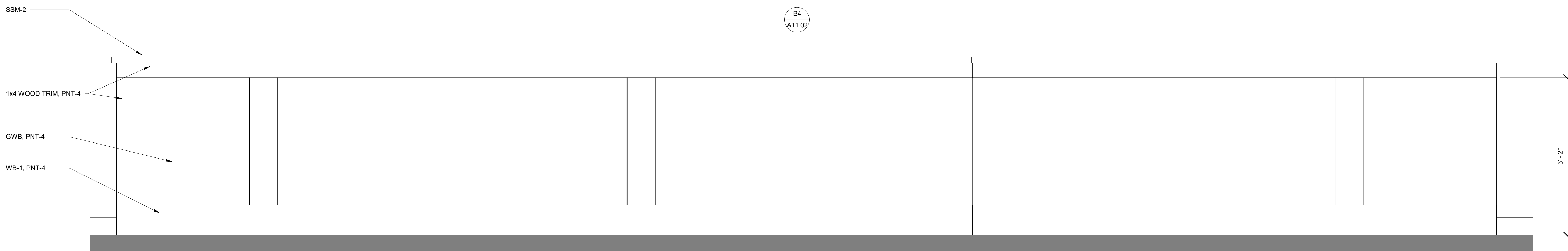


B3 SECTION AT DIAS RAMP
1" = 1'-0"



B4 SECTION DETAIL AT DAIS
3/4" = 1'-0"

A



A1 DAIS ELEVATION - SOUTH
1" = 1'-0"

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JUNE 23, 2025



CANTON TOWN HALL

No.	Description	Date

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

FIRST FLOOR
INTERIOR
ELEVATIONS

A11.02

D

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JUNE 23, 2025



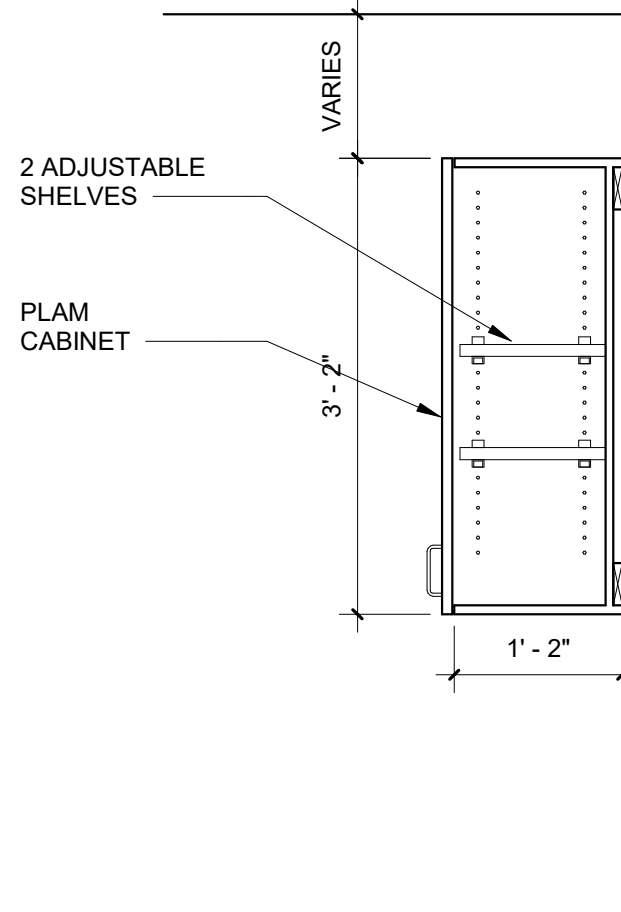
CANTON TOWN HALL

No.	Description	Date

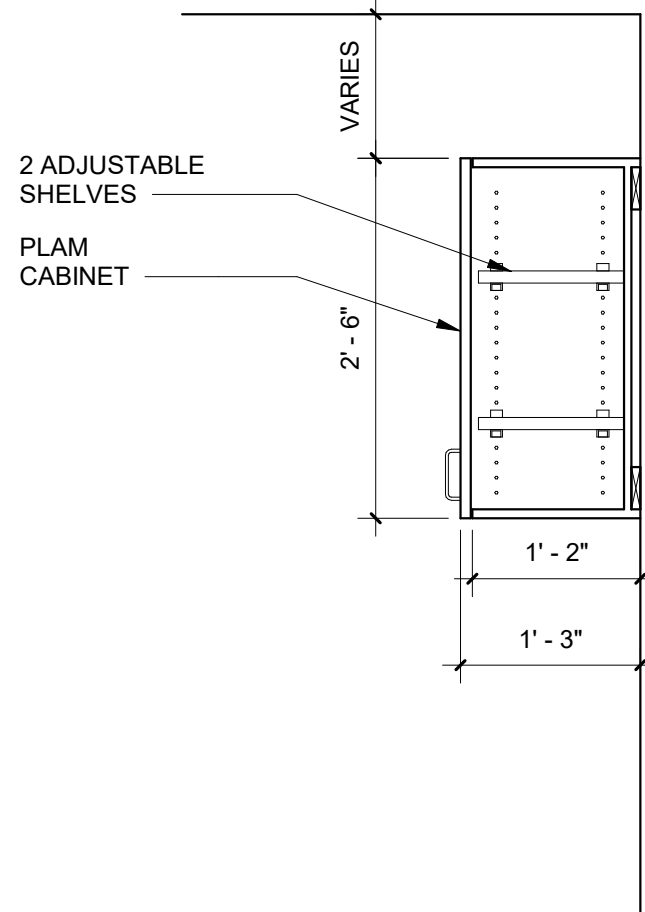
Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

CASEWORK DETAILS

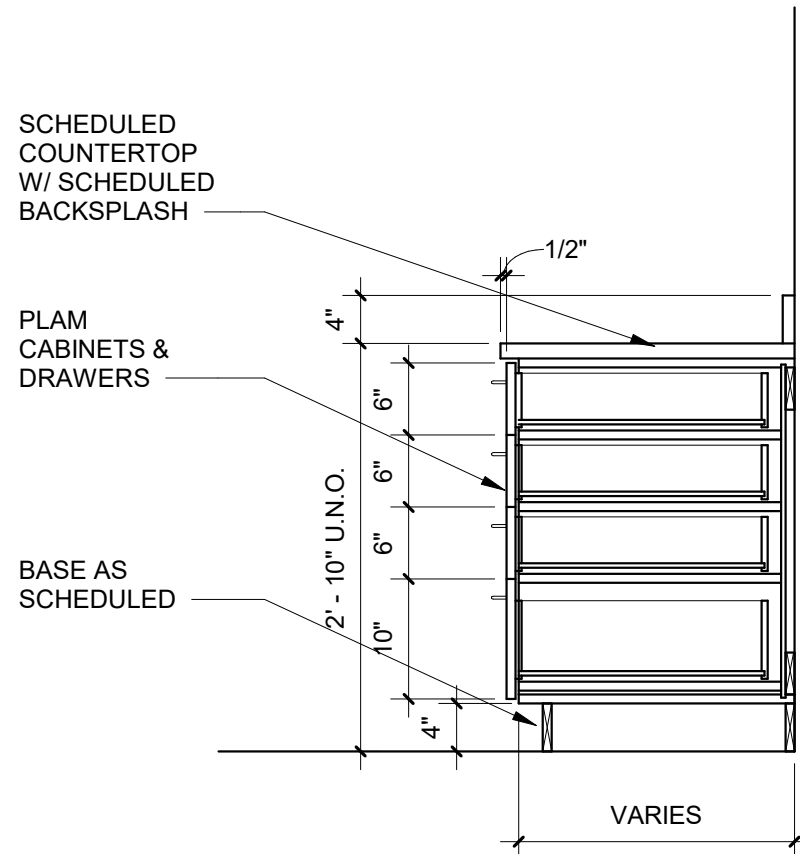
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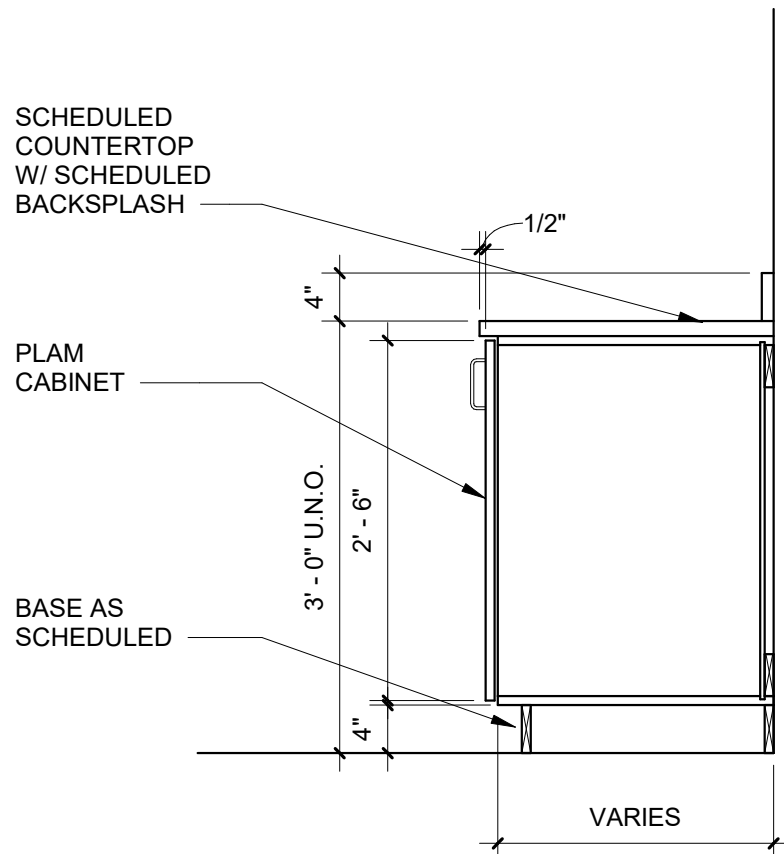
B4 CASEWORK SECTION - UPPER CABINET - ADA
3/4" = 1'-0"



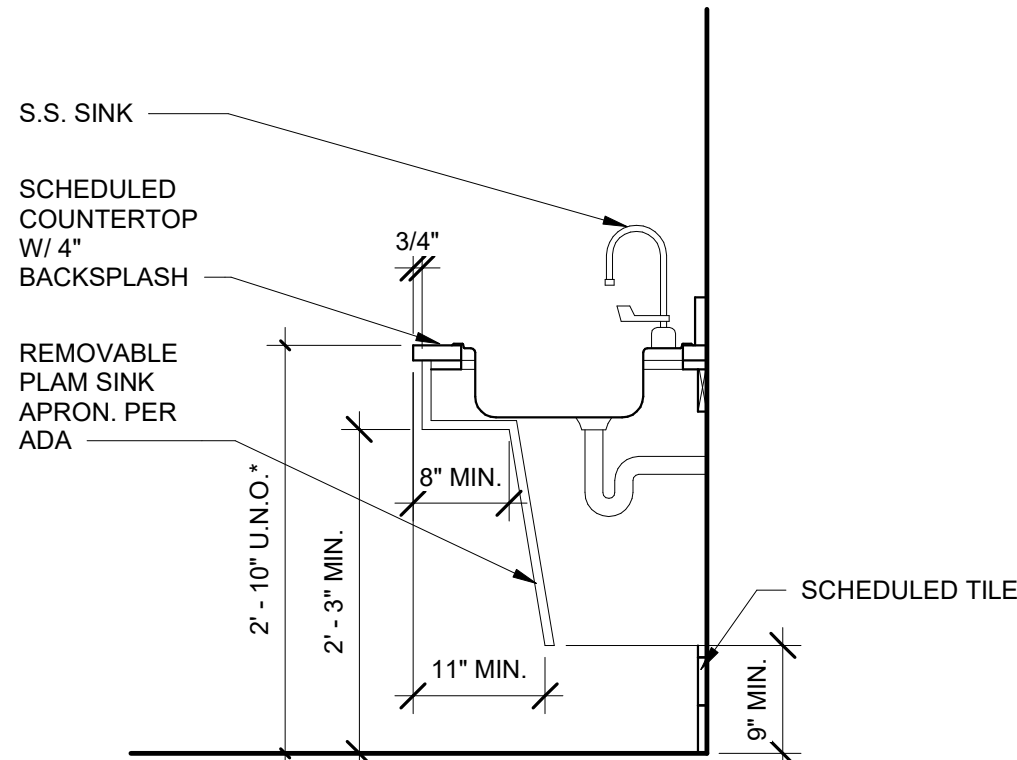
B5 CASEWORK SECTION - UPPER CABINET
3/4" = 1'-0"



A3 CASEWORK SECTION - BASE CABINET 4-DRAWERS - ADA
3/4" = 1'-0"



A4 CASEWORK SECTION - BASE CABINET
3/4" = 1'-0"



A5 CASEWORK SECTION - ADA COUNTERTOP SINK W/
APRON
3/4" = 1'-0"

D

PLUMBING SPECIFICATIONS

IT IS THE INTENT OF THESE SPECIFICATIONS TO FURNISH A COMPLETE PLUMBING SYSTEM, FULLY ADJUSTED, AND READY FOR USE.

ALL WORK SHALL BE DONE IN COMPLIANCE WITH NORTH CAROLINA BUILDING CODE AND ALL LOCAL CODES.

THIS CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES, OBTAIN ALL PERMITS AND PAY ALL SALES TAXES, TAP AND METER FEES, AND OTHER COSTS, IN CONNECTION WITH HIS WORK.

ALL MATERIAL AND EQUIPMENT HAS BEEN CAREFULLY SELECTED FOR THIS PROJECT AND THE CONTRACTOR IS EXPECTED TO PROVIDE ALL ITEMS AS CLOSELY AS POSSIBLE TO THE SPECIFICATIONS AND AS CALLED FOR ON THE DRAWINGS.

ALL INCIDENTAL CONSTRUCTION WORK TO BE INCLUDED BY THIS CONTRACTOR.

SUBMIT ELECTRONIC FILE OF EQUIPMENT DATA SHOP DRAWINGS TO ENGINEER FOR ALL ITEMS TO BE FURNISHED AND INSTALLED FOR APPROVAL.

THIS CONTRACTOR SHALL INCLUDE IN THE WORK, WITHOUT EXTRA COST TO THE OWNER, ANY LABOR, MATERIALS, SERVICES, APPARATUS, DRAWINGS IN ORDER TO COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES AND REGULATIONS, WHETHER OR NOT SHOWN ON DRAWINGS AND/OR SPECIFIED. NO CLAIM FOR EXTRA WILL BE APPROVED WITHOUT PRIOR COORDINATION FOR CONFLICTS BY CONTRACTOR, AND WRITTEN REQUEST AND APPROVAL PRIOR TO PERFORMING WORK.

ALL WORK AND EQUIPMENT TO BE GUARANTEED BY CONTRACTOR FOR ONE (1) YEAR.

UPON COMPLETION OF ALL WORK AND ALL TESTS, INSTRUCT THE OWNER OR HIS REPRESENTATIVE FULLY IN THE OPERATIONS, ADJUSTMENTS, AND MAINTENANCE OF ALL EQUIPMENT FURNISHED. PROVIDE OWNER MAINTENANCE SCHEDULE FOR THE PRINCIPAL ITEMS OF EQUIPMENT FURNISHED. MANUFACTURER'S ADVERTISING LITERATURE OR CATALOGS WILL NOT BE ACCEPTABLE.

ALL MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND GOOD RECOMMENDED PRACTICES.

ALL WORK AND MATERIALS SHALL MEET APPROVAL OF ARCHITECT/ENGINEER.

THIS CONTRACTOR SHALL GIVE FULL COOPERATION TO OTHER TRADES, WHERE THE WORK OF THIS CONTRACTOR WILL BE INSTALLED IN CLOSE PROXIMITY TO, OR WILL INTERFERE WITH WORK OF OTHER TRADES. HE SHALL ASSIST IN WORKING OUT SPACE, CONDITIONS TO MAKE SATISFACTORY ADJUSTMENTS, IF THIS CONTRACTOR INSTALLS HIS WORK BEFORE COORDINATING WITH OTHER TRADES, HE SHALL MAKE THE NECESSARY CHANGES IN HIS WORK TO CORRECT THE CONDITION WITHOUT EXTRA CHARGE.

DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. DRAWINGS ARE NOT TO BE SCALED.

SOIL, WASTE AND VENT PIPING UNDERGROUND INSIDE BUILDING TO BE CAST IRON HUB AND SPIGOT SOIL PIPE WITH COMPRESSION JOINTS ABOVE FLOOR CAST IRON NO HUB SOIL PIPE WITH COUPLING ASSEMBLY. PIPE UNDER PAVED AREA TO BE CAST IRON.

DOMESTIC WATER PIPE UNDERGROUND TYPE "K" COPPER. ABOVE GROUND, TYPE "L" HARD DRAWN COPPER.

ALL HOT AND COLD WATER PIPING ABOVE GRADE WITHIN BUILDING SHALL BE INSULATED. HOT WATER PIPE INSULATION SHALL BE 1" THICK, AND COLD WATER INSULATION SHALL BE 1/2" THICK SECTIONAL TYPE, FIBROUS GLASS OR CELLULAR TYPE INSULATION (ARMAFLEX).

ALL LINES TO BE INSULATED CONTINUOUSLY AND SUFFICIENTLY TO PREVENT FREEZING IN EXTREME CONDITIONS. WHERE PIPES ARE INSTALLED IN CEILING PLENUM ABOVE BATT INSULATION, THE BATT INSULATION SHALL BE LOOPED UP OVER THE WATER PIPES. IF IN WALL CHASE, CHASE TO BE LINED WITH STYROFOAM OR FIBERGLASS INSULATION. IF IN CONCRETE BLOCK CELLS, PIPE TO BE INSULATED WITH 3/4" ARMAFLEX AND BLOCKS FILLED WITH GRANULAR STYROFOAM PELLETS.

CONTROL VALVES FOR HOT AND COLD WATER LINES SHALL BE BALL VALVES, SWEAT TYPE.

PROVIDE ALL PLUMBING PIPING AND EQUIPMENT IN CONNECTION WITH THE SYSTEM.

PROVIDE ALL HANGERS AND SUPPORTS TO SUPPORT PIPING AND EQUIPMENT. HANGERS AND SUPPORTS IN CONTACT WITH COPPER PIPE SHALL BE COPPER PLATES OR BRASS.

CONTROL VALVES TO BE ON WATER CONNECTIONS TO ALL FIXTURES AND EQUIPMENT.

INSULATE HOT WATER SUPPLY PIPE AND DRAIN PIPE ON LAVATORY FOR HANDICAPPED.

CEILING FIBERGLASS INSULATION SHALL BE LAPPED OVER HOT AND COLD WATER PIPING IN CEILING SPACE IN ADDITION TO PIPE INSULATION SPECIFIED TO PREVENT FREEZING WHERE APPLICABLE.

THIS CONTRACTOR TO PERFORM ALL ADJUSTMENTS AND DISINFECTION OF SYSTEMS, EQUIPMENT, CONTROLS, ETC., NECESSARY FOR THE SYSTEM TO PROVIDE THE REQUIRED PERFORMANCE AND TO OPERATE SAFELY. SUBMIT "AS-BUILT" DRAWINGS TO ENGINEER SHOWING ACTUAL INVERTS AND LOCATIONS OF UNDERGROUND LINES, AND ALL CHANGES.

GENERAL CONTRACTOR TO FURNISH AND SET ROOF DRAINS. PLUMBING CONTRACTOR TO PIPE DRAINS TO 5' OUTSIDE BUILDING. PIPING MATERIAL SAME AS FOR WASTE VENT PIPING. AT PLUMBING CONTRACTOR'S OPTION, PVC SCHEDULE 40 MAY BE USED.

ALL PIPING SHALL BE THOROUGHLY FLUSHED OUT BEFORE USE.

THE WATER SYSTEM, AFTER IT HAS BEEN COMPLETED, TESTED AND THOROUGHLY FLUSHED TO REMOVE MUD AND DEBRIS, SHALL BE DISINFECTED BY CHLORINATION.

INJECT CHLORINE IN SOLUTION INTO NEW SYSTEM BY MEANS OF A PUMP AS SYSTEM IS FILLED. CHLORINATED WATER SHALL COMPLETELY DISPLACE ALL AIR AND WATER PRESENT IN NEW SYSTEM. OPEN SPIGOTS AT END OF DISTRIBUTION IN BUILDINGS UNTIL ALL LINES ARE FILLED WITH CHLORINATED WATER AND AIR IS REMOVED. CHLORINATED WATER SHALL HAVE A MINIMUM CHLORINE CONCENTRATION OF 50 PPM, AND SHALL REMAIN IN THE SYSTEM FOR A MINIMUM OF 24 HOURS. AT THE END OF THIS PERIOD, THE SYSTEM SHALL BE FLUSHED UNTIL ONLY A NORMAL RESIDUAL OF CHLORINE IS PRESENT AS DETERMINED BY THE ORTHO TOLUIDINE TESTS.

PROVIDE SLEEVES FOR WASTE PIPES PASSING THROUGH FOUNDATION WALLS.

PROVIDE CLEAN OUTS LOCATED NOT MORE THAN 100' APART IN HORIZONTAL DRAINAGE LINES OR 4" NOMINAL DIAMETER OR LESS. CLEAN OUTS MUST BE INSTALLED FOR EVERY FOUR HORIZONTAL 45° CHANGES LOCATED IN SERIES AND AT THE BASE OF EACH STACK.

SUSPENDED WATER LINES TO BE BRACED TO PREVENT SWAYING DURING THE OPERATION OF VALVES/EQUIPMENT.

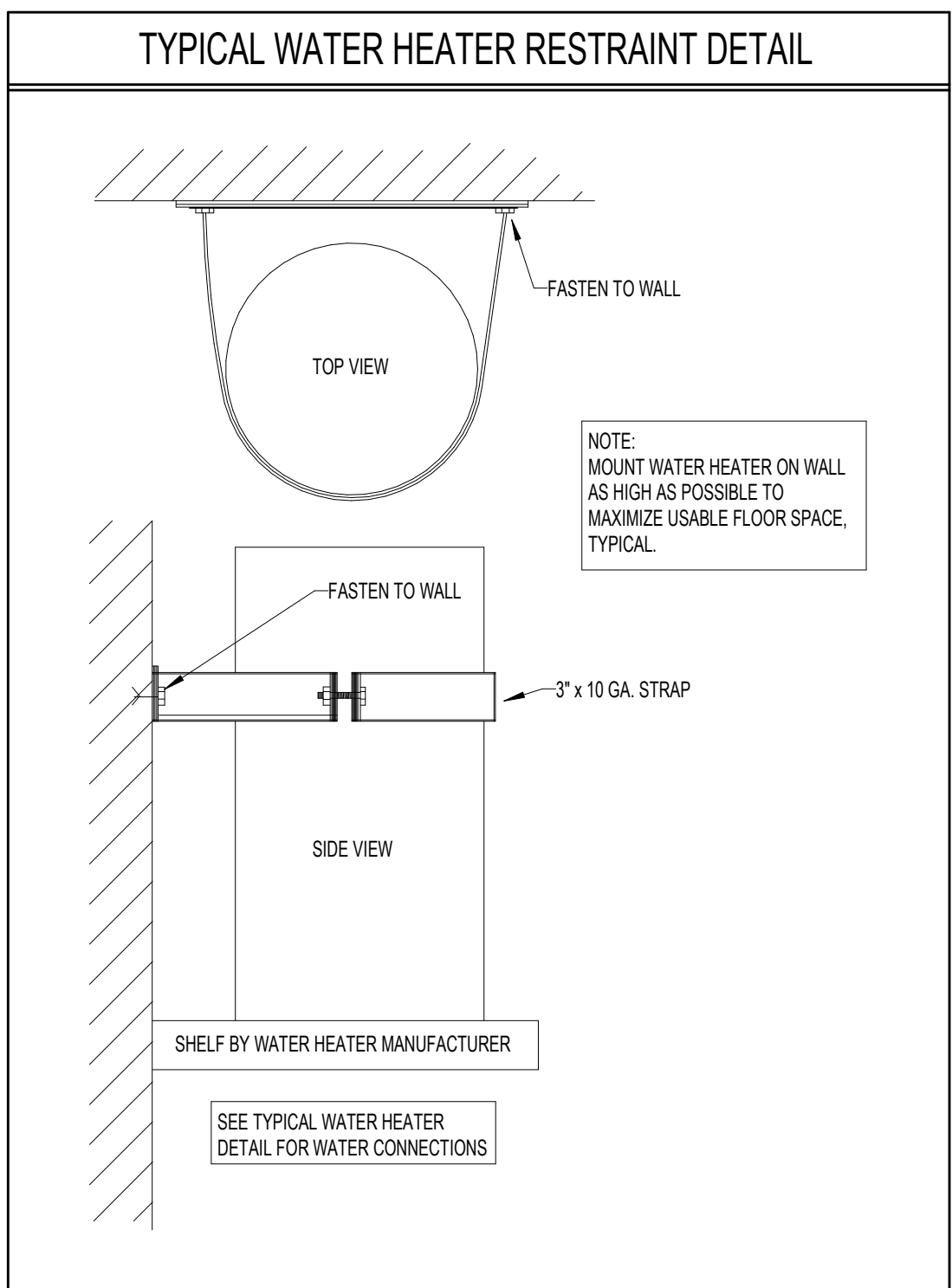
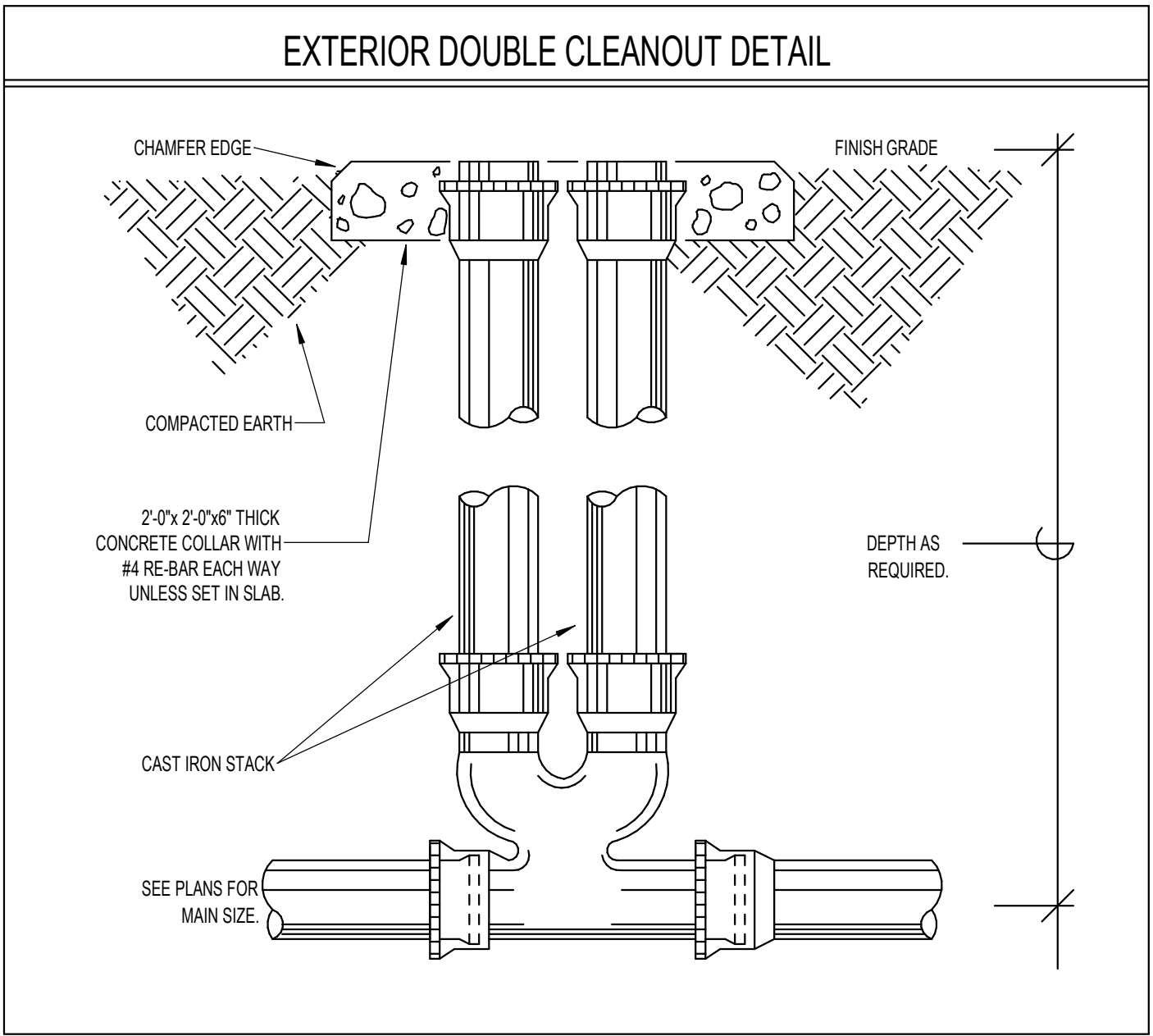
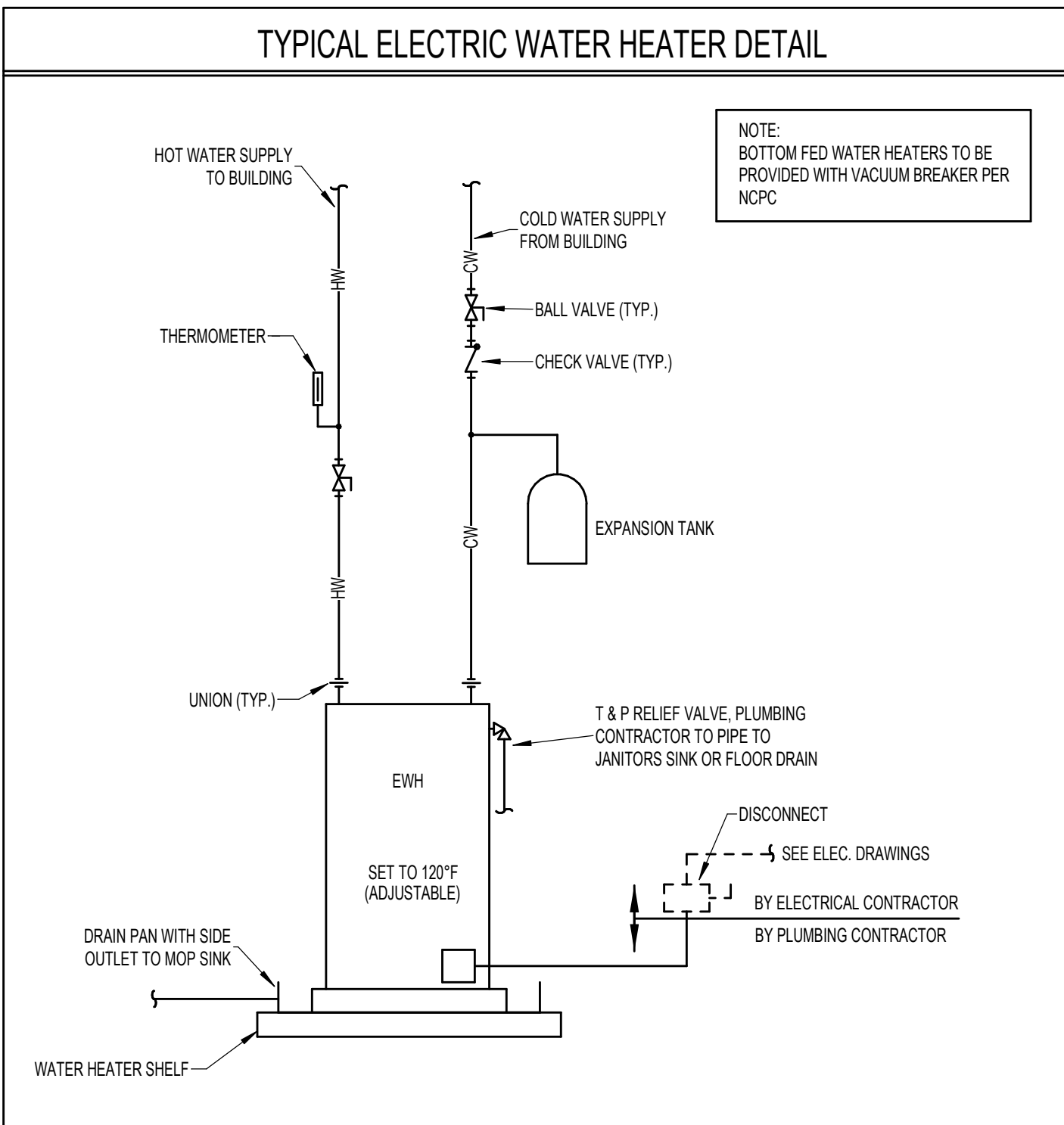
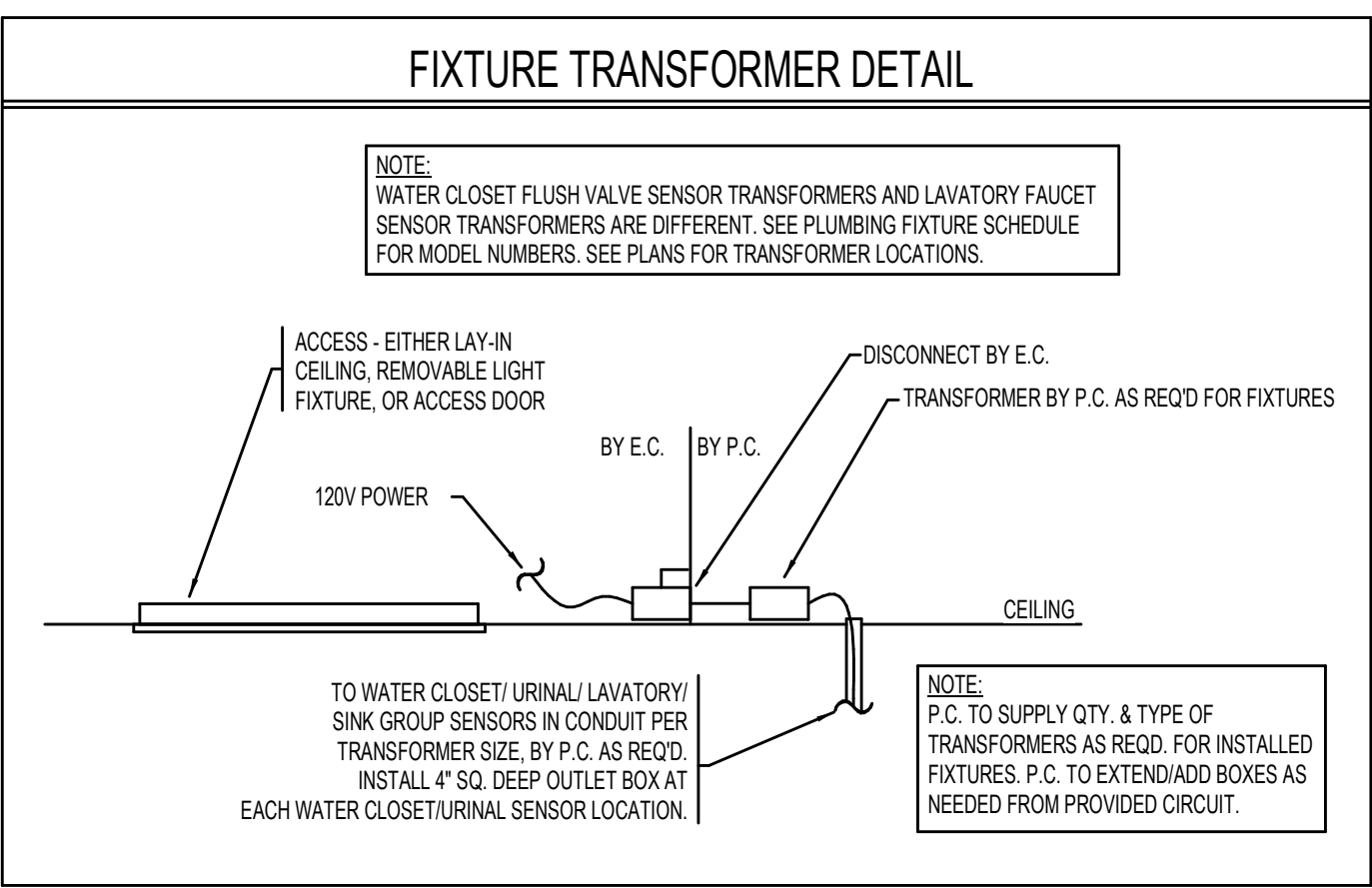
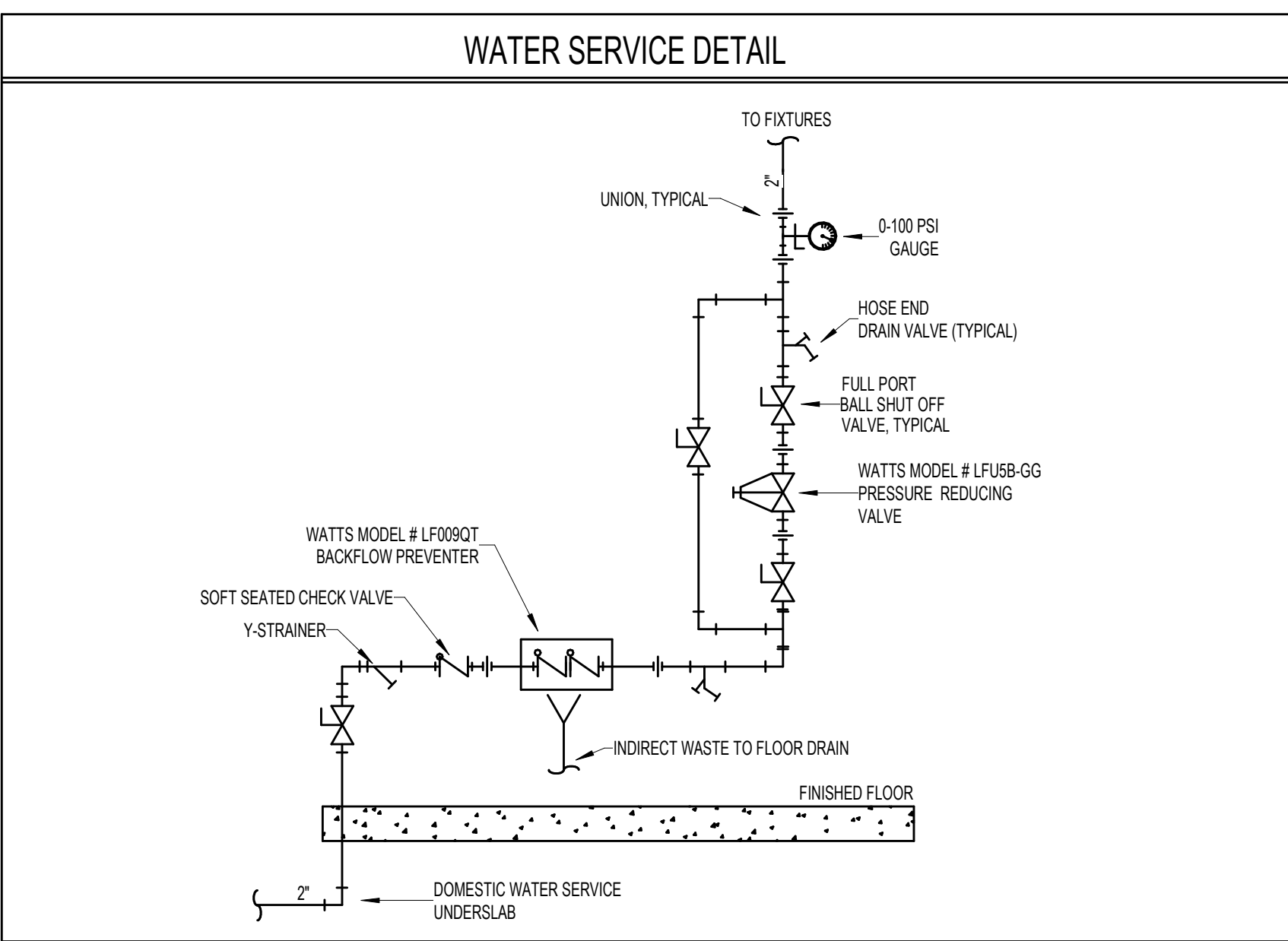
C

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PLUMBING FIXTURE SCHEDULE & SPECIFICATIONS											
ITEM	FIXTURE	ACCESSORIES	WASTE	VENT	TRAP	HW	CW	SERVICE VALVE	MOUNTING HGT		
P1	WATER CLOSET: FLUSH VALVE TYPE KOHLER MODEL # K-8603-SS-0 "WELLCOME ULTRA" VITREOUS CHINA COORDINATE COLOR W/ARCHITECT	- SLOAN ROYAL 111 ESS-16-TMO-HW SENSOR OPERATED FLUSH VALVE WITH TRUE MECHANICAL OVERIDE, 1.6 G.P.F. - SLOAN MODEL # EL-154 TRANSFORMER AS NEEDED, SEE PLANS FOR LOCATIONS - BEMIS # 216SSCT TOILET SEAT	4"	2"	INT.	---	1"	INT.	FL MTD - 15 3/16" A.F.F. TO RIM SEE NOTE 1		
P1A	ADA WATER CLOSET: FLUSH VALVE TYPE KOHLER MODEL # K-8603-SS-0 "THICKCLIFF ULTRA" VITREOUS CHINA COORDINATE COLOR W/ARCHITECT	- SLOAN ROYAL 111 ESS-16-TMO-HW SENSOR OPERATED FLUSH VALVE WITH TRUE MECHANICAL OVERIDE, 1.6 G.P.F. - SLOAN MODEL # EL-154 TRANSFORMER AS NEEDED, SEE PLANS FOR LOCATIONS - BEMIS # 216SSCT TOILET SEAT	4"	2"	INT.	---	1"	INT.	FL MTD - 16 5/8" A.F.F. TO RIM SEE NOTE 1		
P2	ADA LAVATORY: UNDER MOUNT KOHLER MODEL # K-2205 "CANTON" VITREOUS CHINA COORDINATE COLOR W/ARCHITECT	- CHICAGO FAUCET MODEL # 116.121 AS 1 FAUCET SET - CHICAGO MODEL # 200.631 (O1) TRANSFORMER AS NEEDED, SEE PLANS FOR LOCATIONS - NGUORE BALL VALVE STOPS AND SUPPLIES - 17 GA CHROME PLATED P-TRAP	2"	2"	1 1/4"	1/2"	12"	38"	UNDER MOUNT		
P3	JANITORS SINK: FLOOR MOUNTED FAT MODEL # T58C1610 PRECAST TERRAZZO	- AMERICAN STD. # 8351 076 FAUCET/W/INTEGRAL CHECKS - STAINLESS STEEL CAP ON ALL CURBS - FAT # 889-CC MOP HANGER - FAT # 832-BA HOSE & HOSE BRACKET	3"	2"	3"	1/2"	12"	38"	FLOOR MOUNTED FAUCET AT 46" A.F.F.		
P4	ADA WATER COOLER: WALL HUNG ELKAY MODEL # L23720USP COORDINATE COLOR W/ARCHITECT	- NGUORE BALL VALVE STOPS AND SUPPLIES - CHROME PLATED 17 GA P-TRAP - ADA APRON AND SUPPORT CARRIER - "TOUCHLESS" ACTIVATION BOTTLE FILLER (GFCI TO BE ACCESSIBLE WITHOUT USE OF TOOLS, COORDINATE ROUGH IN WITH ELECTRICAL CONTRACTOR)	2"	2"	1 1/4"	---	12"	38"	WALL HUNG PER ADA REQUIREMENTS		
P5	EXTERIOR CLEANOUT "FINISLINE" - DUCTILE / CAST IRON	- DUCTILE IRON HEAD ADAPTOR, CORING SLEEVE, AND CLAMPING COLLAR, HIGH-IMPACT POLYMER CORING PLUG, ADJUSTABLE ROUND DUCTILE IRON TOP, BRASS CLEANOUT PLUG AND LEVELING SHIM KIT	4"	---	---	---	---	---	SEE "EXTERIOR DOUBLE CLEANOUT DETAIL"		
NOTES: 1. FLUSH VALVE HANDLES SHALL BE TO THE WIDE SIDE OF TOILET STALL PER N. C. ACCESSIBILITY CODE. 2. EQUAL FIXTURES BY AMERICAN STANDARD, SLOAN, OR APPROVED EQUAL. 3. EQUAL FITTINGS BY DELTA, SYMONS, OR APPROVED EQUAL. 4. EQUAL DRAIN AND CLEANOUTS BY J.R. SMITH, WATTS, OR APPROVED EQUAL. 5. INSTALL CHECK VALVES ON ALL COLD WATER AND HOT WATER SUPPLIES TO JANITORS SINKS. 6. ALL HANDICAP SINKS TO BE PROVIDED WITH OFFSET TAILPIECE. 7. ALL HANDICAP SINK/LAVATORIES TO HAVE NGUORE # PWC2000PRO SEAMLESS PREWRAPPED P-TRAP AND SUPPLY INSULATION KIT 8. COORDINATE ALL INSTALLATION OF SINKS WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING. 9. FOR ALL HANDWASHING SINKS/LAVATORIES, ASSE 1070 TEMPERATURE LIMITING DEVICES TO BE INCLUDED AT POINT OF USE TO PROVIDE "TEMPERED WATER", UNLESS DEVICES ARE PROVIDED AT THE HW PLANT / PRODUCTION SOURCE AS REQUIRED BY NC PLUMBING CODE.											

ELECTRIC WATER HEATER SCHEDULE						
ITEM	MANUFACTURER & MODEL NUMBER	ACCESSORIES/REMARKS	STORAGE CAPACITY (GALLONS)	RECOVERY RATE (G.P.H.)	ELECTRICAL REQUIREMENTS	LOCATION
EW-H-1	RHEEM MODEL # EGS20	REFERENCE "TYPICAL WATER HEATER DETAIL"	19.9	15 GPH @ 80°F RISE	240V, 1ø, 3W	JC 108 ON SHELF



PLUMBING LEGEND	
---	WASTE LINE
---	VENT LINE
RL	RAIN LEADER
ORL	OVERFLOW RAIN LEADER
---	COLD WATER (CW)
---	HOT WATER (HW)
WCO	WALL CLEANOUT
VTR	VENT THROUGH ROOF
---	CONNECT NEW TO EXISTING
---	BALL VALVE
---	CHECK VALVE

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MAIL: R&MENGINEERS.COM © 2023 WWW.R&MENGINEERS.COM NC 2015 CERT NO. C-0149



CANTON TOWN HALL

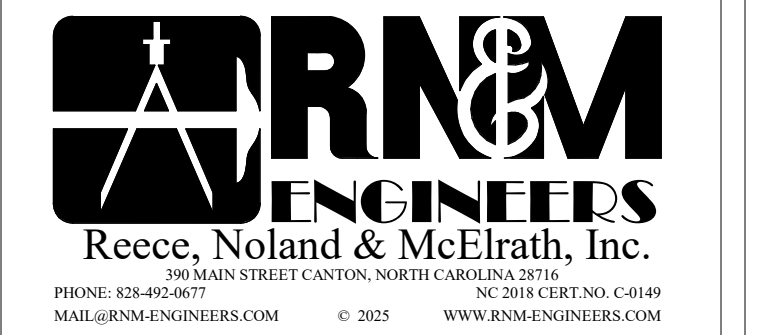
No.	Description	Date
1	75% PRICING REVIEW SET	5/28/2025
2	CONSULTANT REVIEW SET	6/17/2025

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

PLUMBING NOTES, DETAILS, AND SPECIFICATIONS

P0.01

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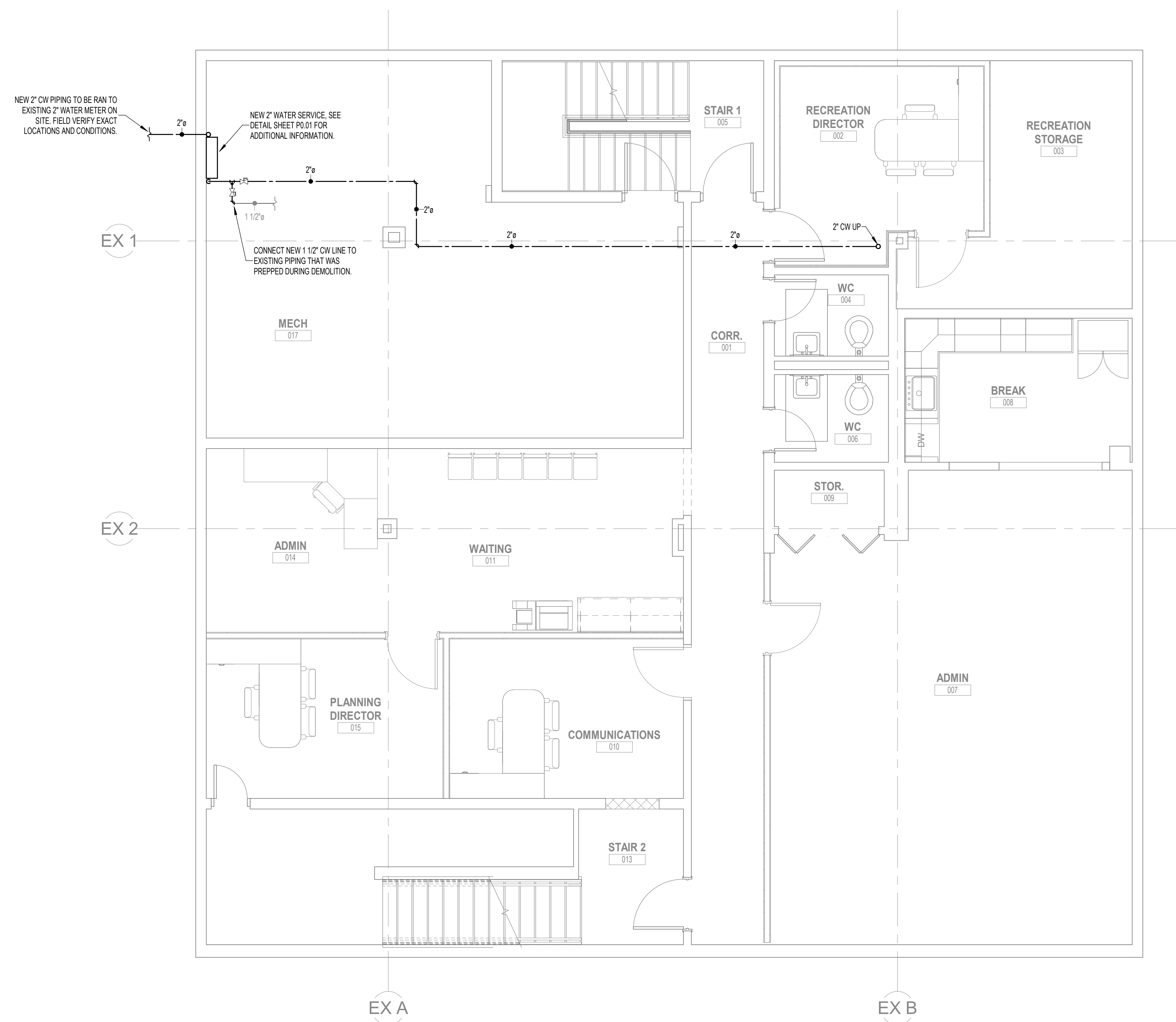
CANTON TOWN HALL

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Project Number:	2023-001-02
Date:	JUNE 23, 2025

BASEMENT PLUMBING PLAN

P1.11



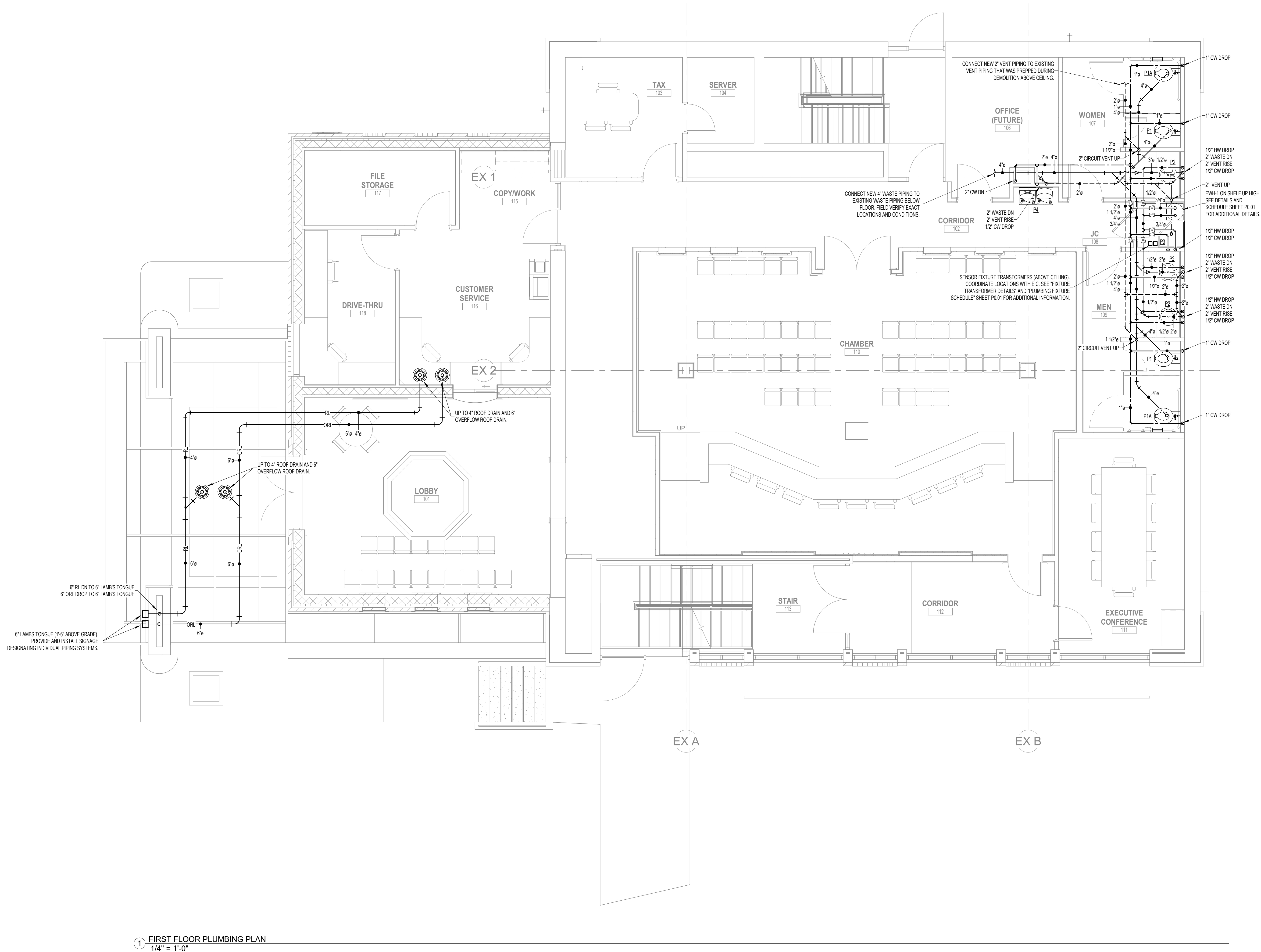
1 BASEMENT PLUMBING PLAN
1/4" = 1'-0"

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1 FIRST FLOOR PLUMBING PLAN
1/4" = 1'-0"

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FIRST FLOOR
PLUMBING PLAN

P1.12

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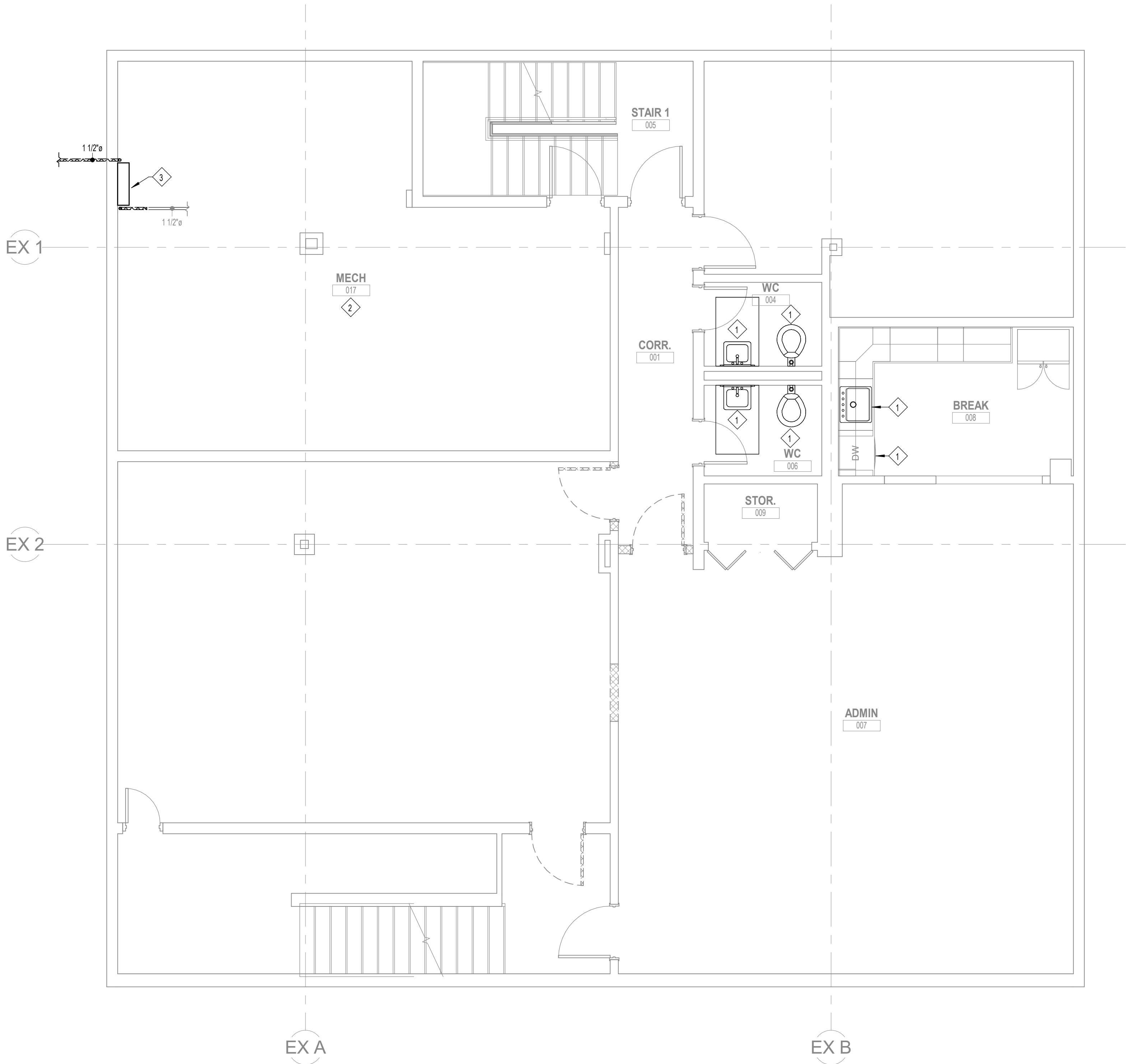
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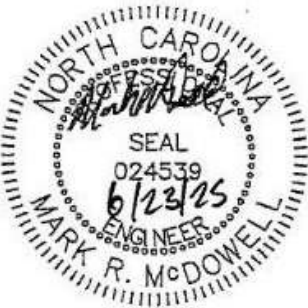
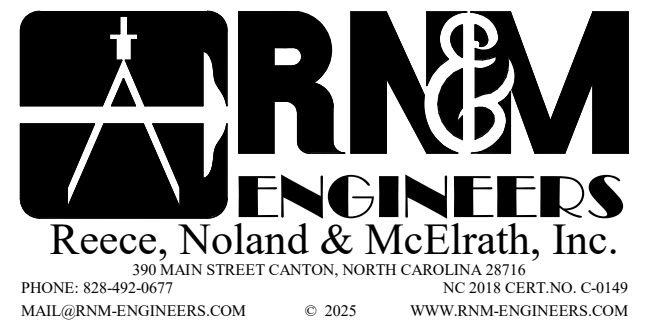
KEYED PLUMBING DEMOLITION NOTES	
NOTES APPLY TO THIS SHEET ONLY	
1	EXISTING PLUMBING FIXTURE TO REMAIN IN PLACE AND BE PROTECTED DURING CONSTRUCTION.
2	EXISTING PLUMBING EQUIPMENT INCLUDING PUMP STATION, WATER HEATER, ETC. LOCATED IN THIS ROOM TO REMAIN IN PLACE AND BE PROTECTED DURING CONSTRUCTION.
3	EXISTING 1 1/2" WATER SERVICE TO BE REMOVED AND DISPOSED OF AS DIRECTED BY OWNER. CAP EXISTING 1 1/2" CW LINE THAT SUPPLIES EXISTING BUILDING AND PREP FOR RECONNECTION TO NEW PIPING. SEE NEW PLAN THIS AREA FOR ADDITIONAL INFORMATION.



1 DEMOLITION BASEMENT PLUMBING PLAN
1/4" = 1'-0"

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DEMOLITION BASEMENT PLUMBING PLAN

PD1.11

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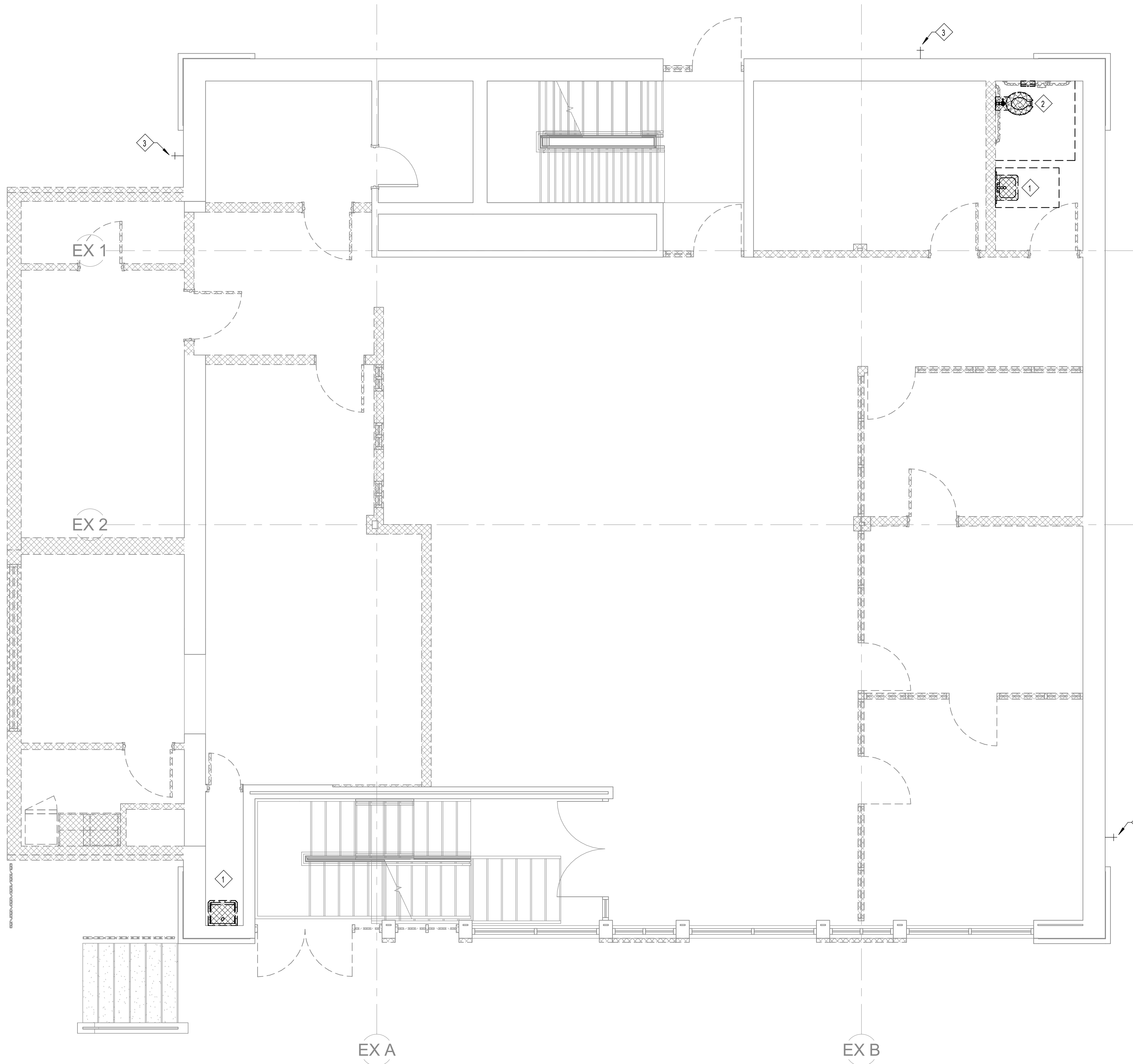
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KEYED PLUMBING DEMOLITION NOTES	
NOTES APPLY TO THIS SHEET ONLY	
1	EXISTING PLUMBING FIXTURE TO BE REMOVED AND DISPOSED OF AS DIRECTED BY OWNER. REMOVE EXISTING FIXTURE WATER SUPPLIES AND VENT PIPING BACK TO NEXT INTERSECTION AND CAP. REMOVE EXISTING FIXTURE WASTE BACK TO NEXT INTERSECTION AND CAP OR INSTALL NEW CLEAN OUT. NO DEAD END PIPING PERMITTED. FIELD VERIFY EXACT LOCATIONS AND CONDITIONS.
2	EXISTING PLUMBING FIXTURE TO BE REMOVED AND DISPOSED OF AS DIRECTED BY OWNER. REMOVE EXISTING VENT PIPING BACK TO ABOVE CEILING AND PREP FOR RECONNECTION TO NEW VENT PIPING. SEE NEW PLAN. REMOVE EXISTING FIXTURE WATER SUPPLY PIPING BACK TO NEXT INTERSECTION AND CAP. REMOVE EXISTING FIXTURE WASTE BACK TO NEXT INTERSECTION AND CAP OR INSTALL NEW CLEAN OUT. NO DEAD END PIPING PERMITTED. FIELD VERIFY EXACT LOCATIONS AND CONDITIONS.
3	EXISTING HOSE BIBBS TO REMAIN IN PLACE AND BE PROTECTED DURING CONSTRUCTION.



1 DEMOLITION FIRST FLOOR PLUMBING PLAN
1/4" = 1'-0"

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PHONE: 833-490-0877 NC 2013 CERT NO. C-0149
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CANTON TOWN HALL

No.	Description	Date
1	75% PRICING REVIEW SET	5/28/2025
2	CONSULTANT REVIEW SET	6/17/2025

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

DEMOLITION FIRST FLOOR PLUMBING PLAN

PD1.12

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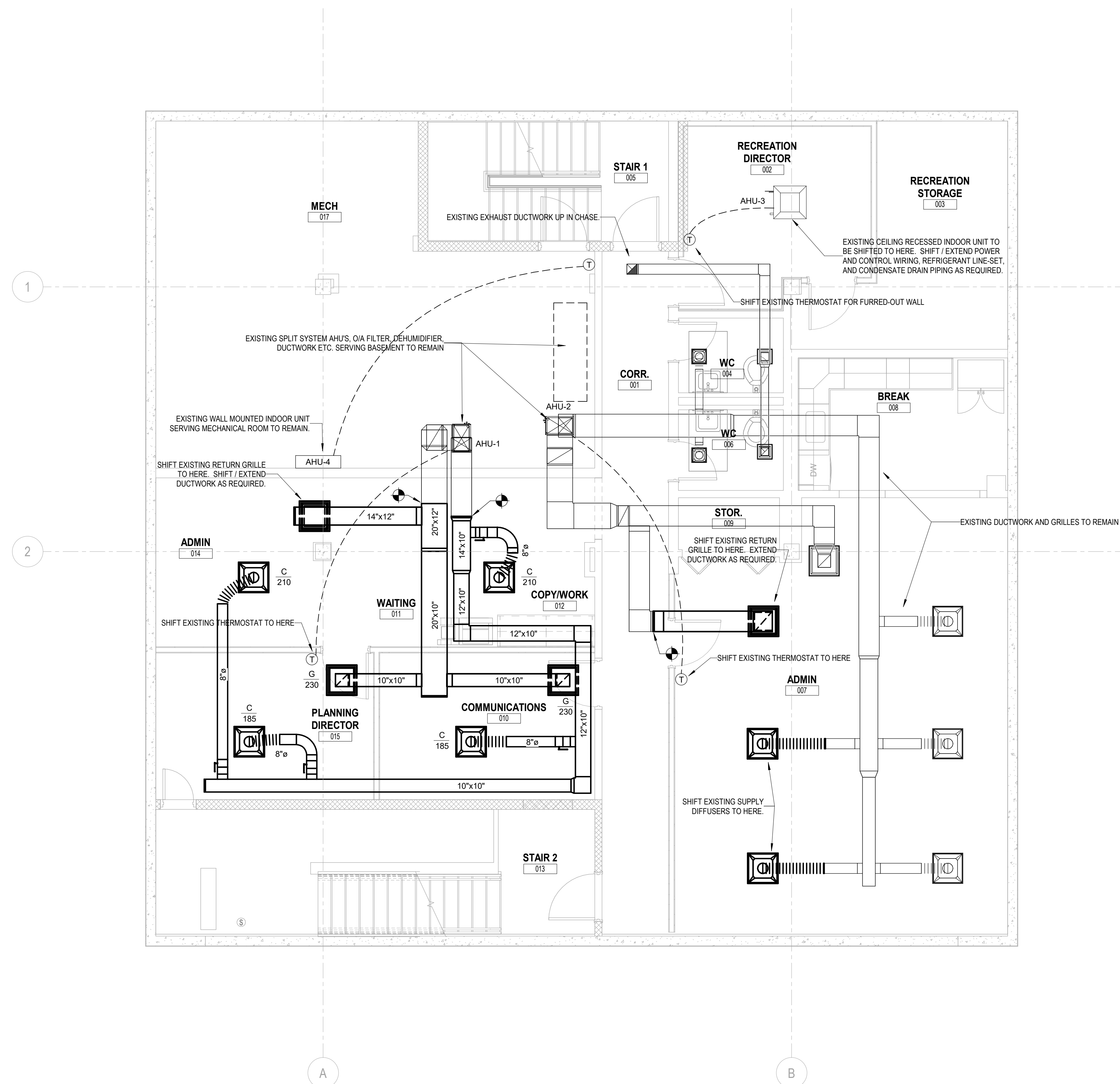


CANTON TOWN HALL

[illegible]

Project Number:	2023-001-02
Date:	JUNE 23, 2025

M1.11



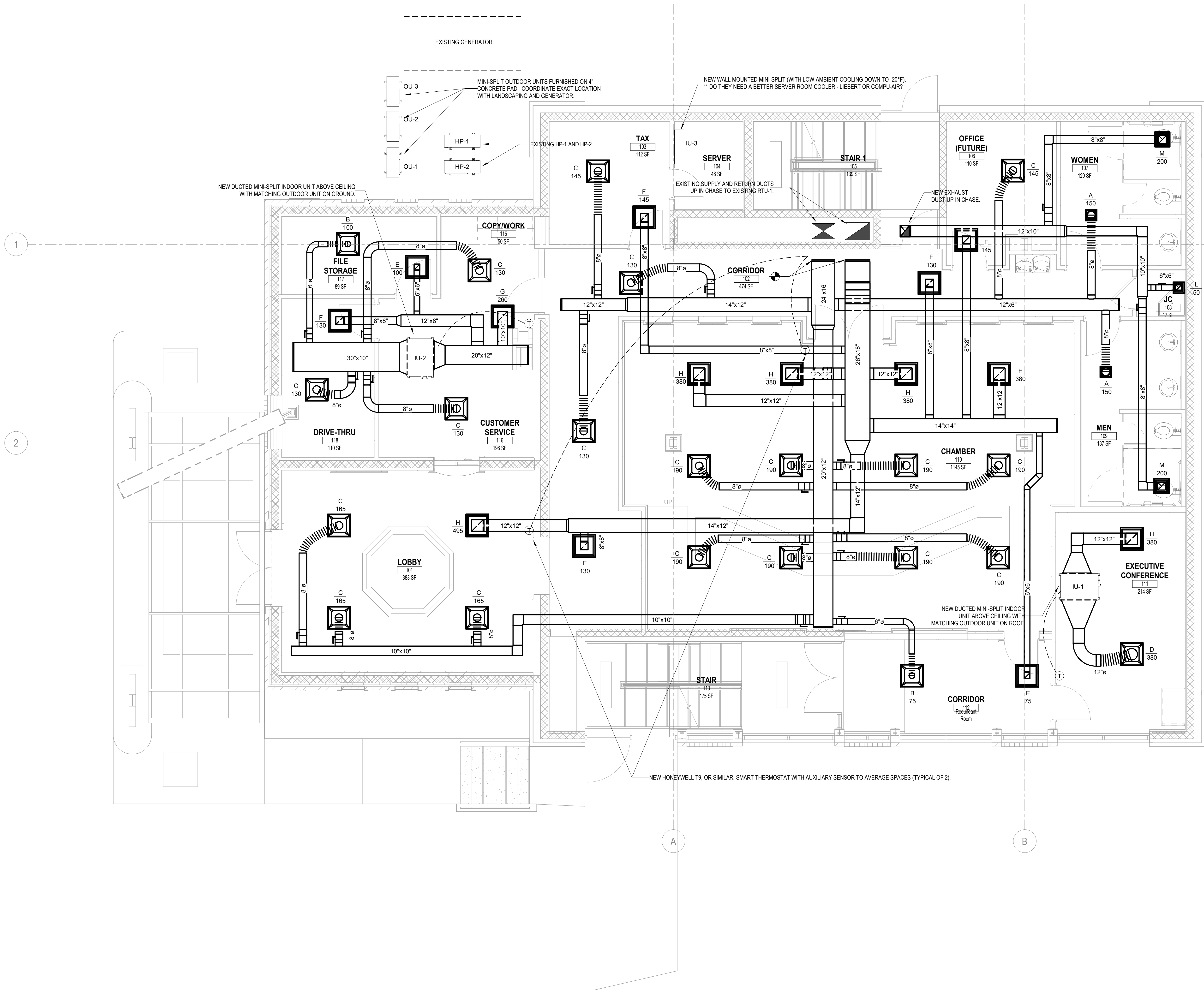
1 BASEMENT MECHANICAL PLAN
1/4" = 1'-0"

D

C

B

A



1 FIRST FLOOR MECHANICAL PLAN
1/4" = 1'-0"

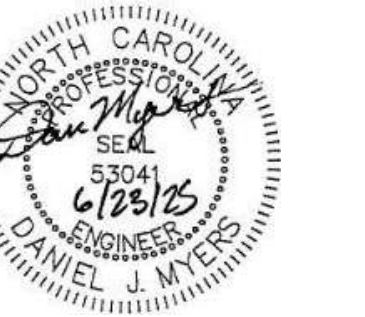
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FIRST FLOOR
MECHANICAL PLAN

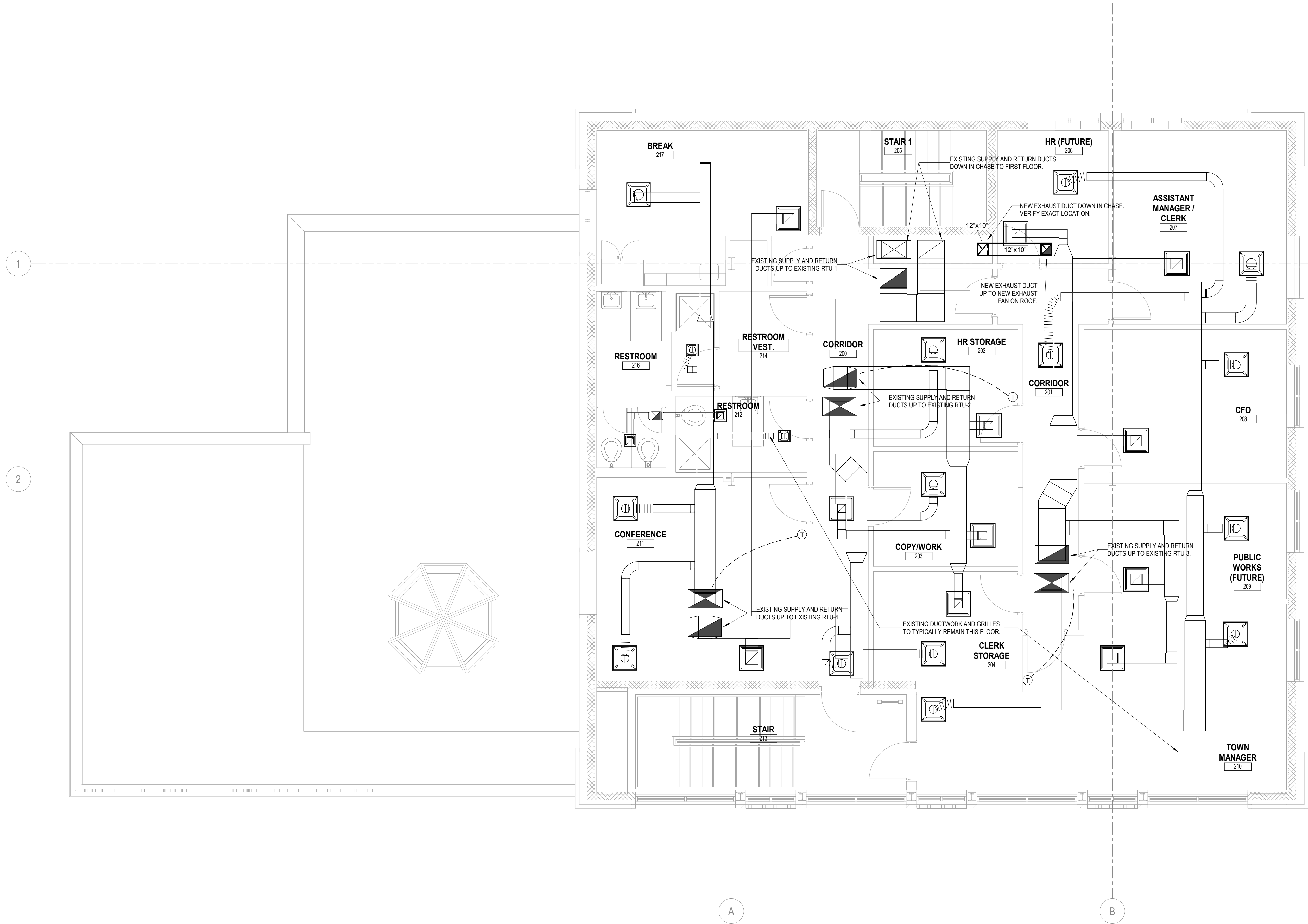
M1.12

D

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B

A



① SECOND FLOOR MECHANICAL PLAN
1/4" = 1'-0"

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SECOND FLOOR MECHANICAL PLAN

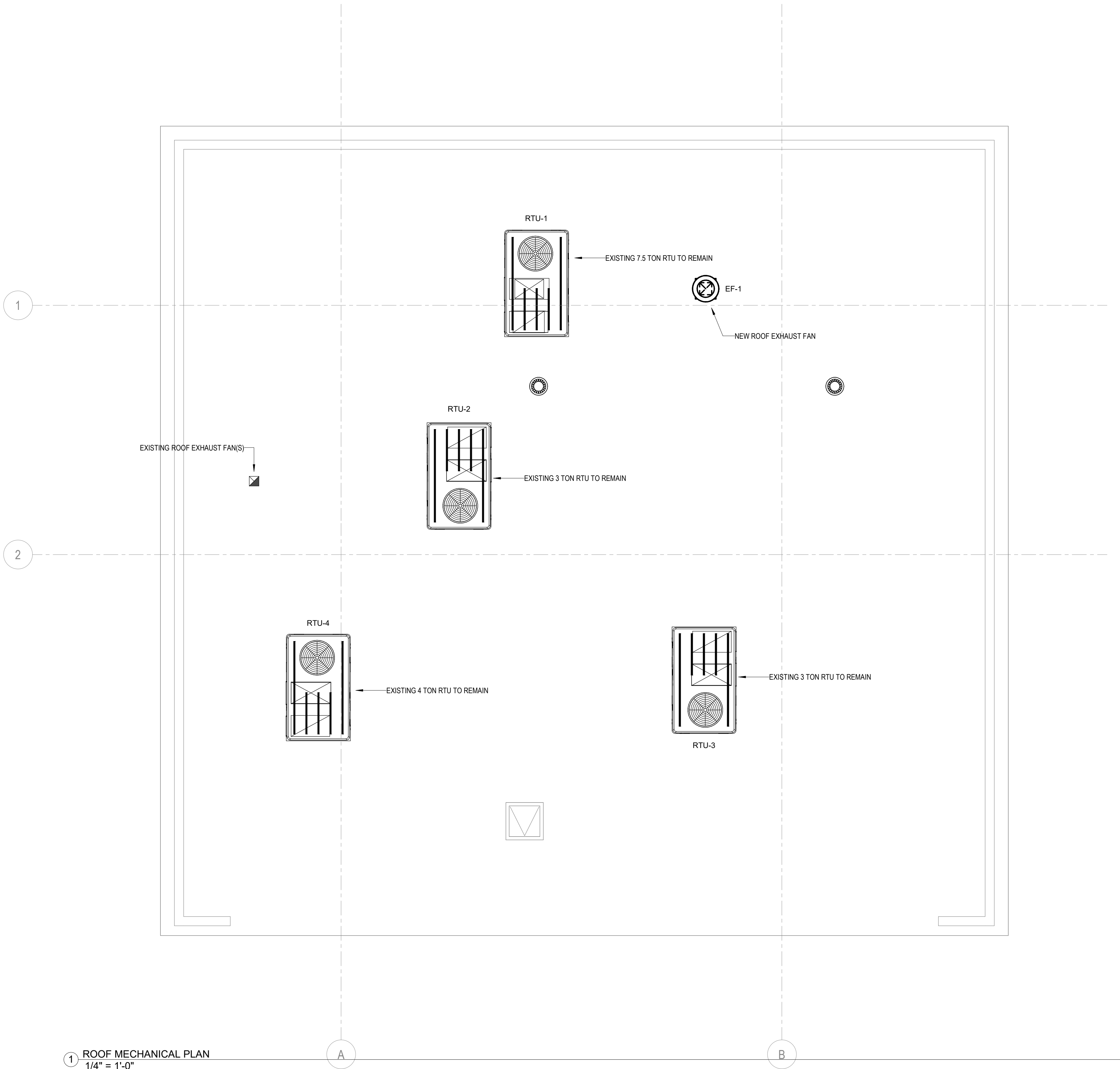
M1.13

D

C

B

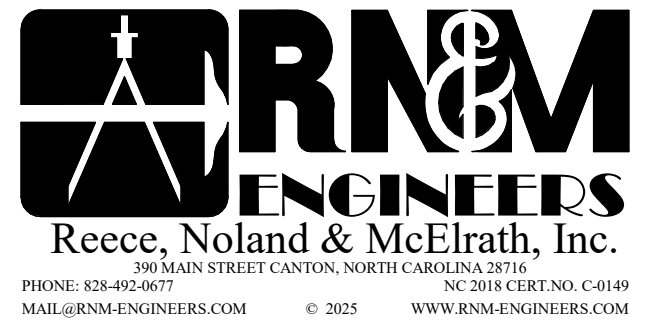
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ROOF TOP MECHANICAL PLAN

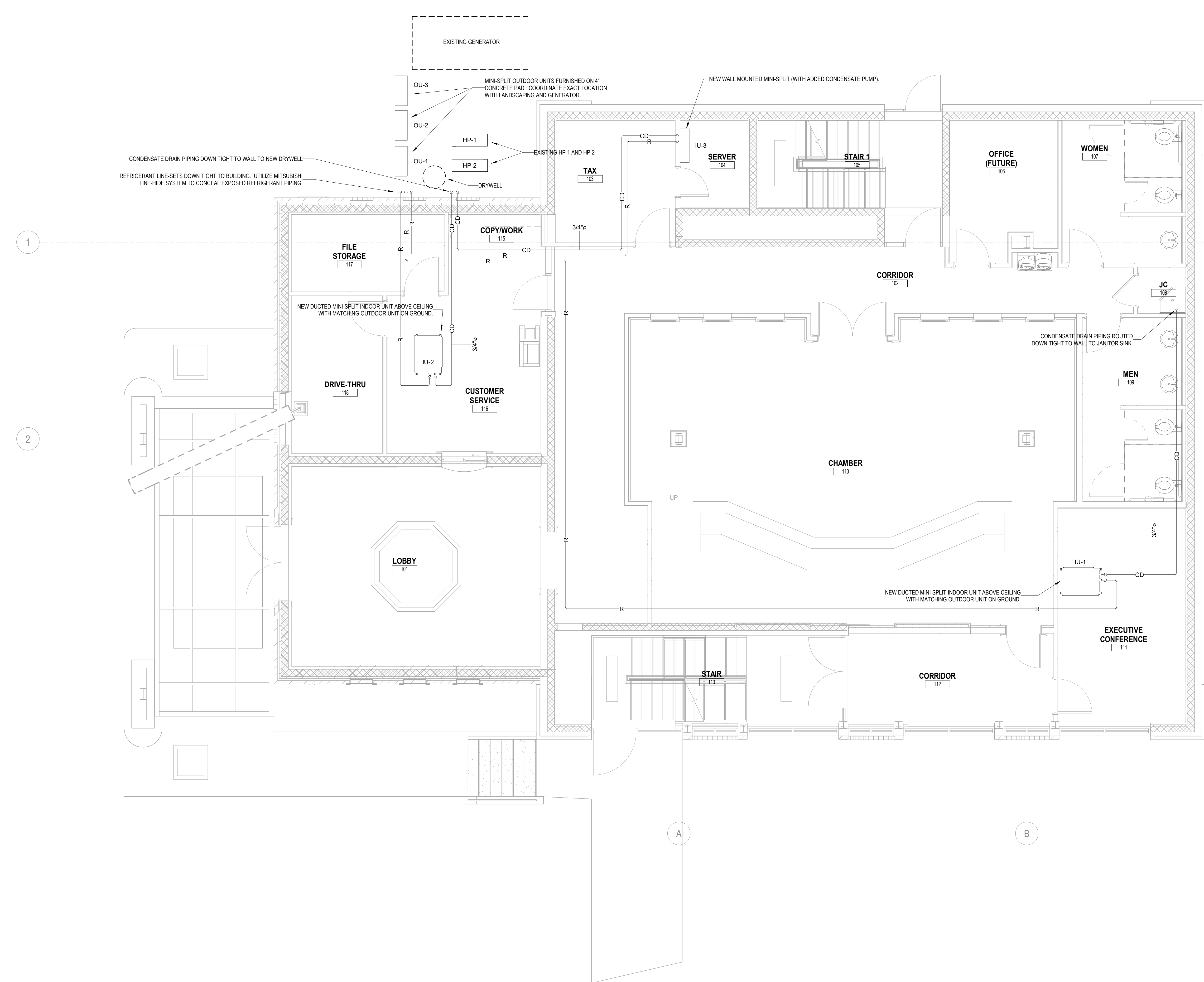
M1.14

D

C

B

A

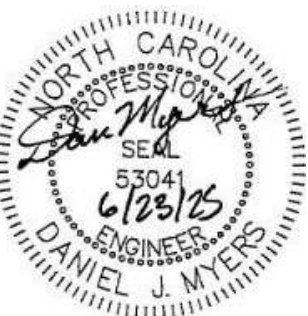


1 FIRST FLOOR MECHANICAL PIPING PLAN
1/4" = 1'-0"

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FIRST FLOOR
MECHANICAL
PIPING PLAN

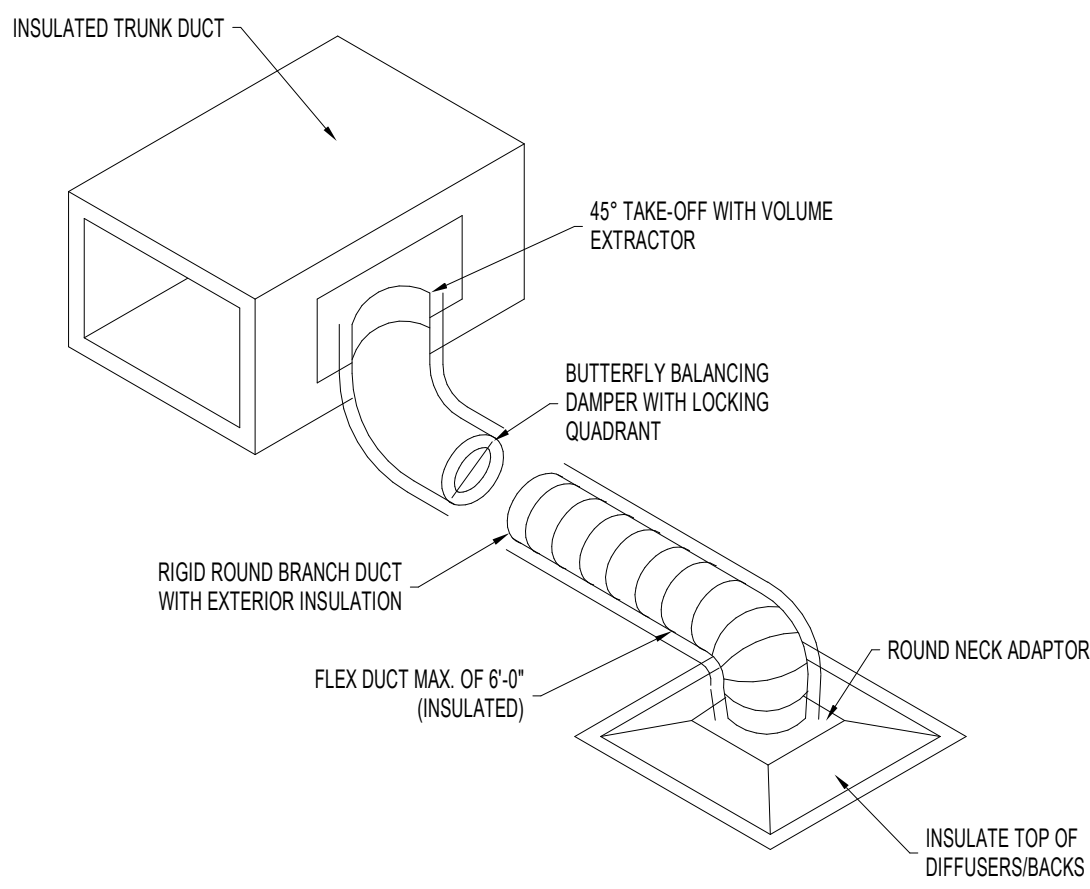
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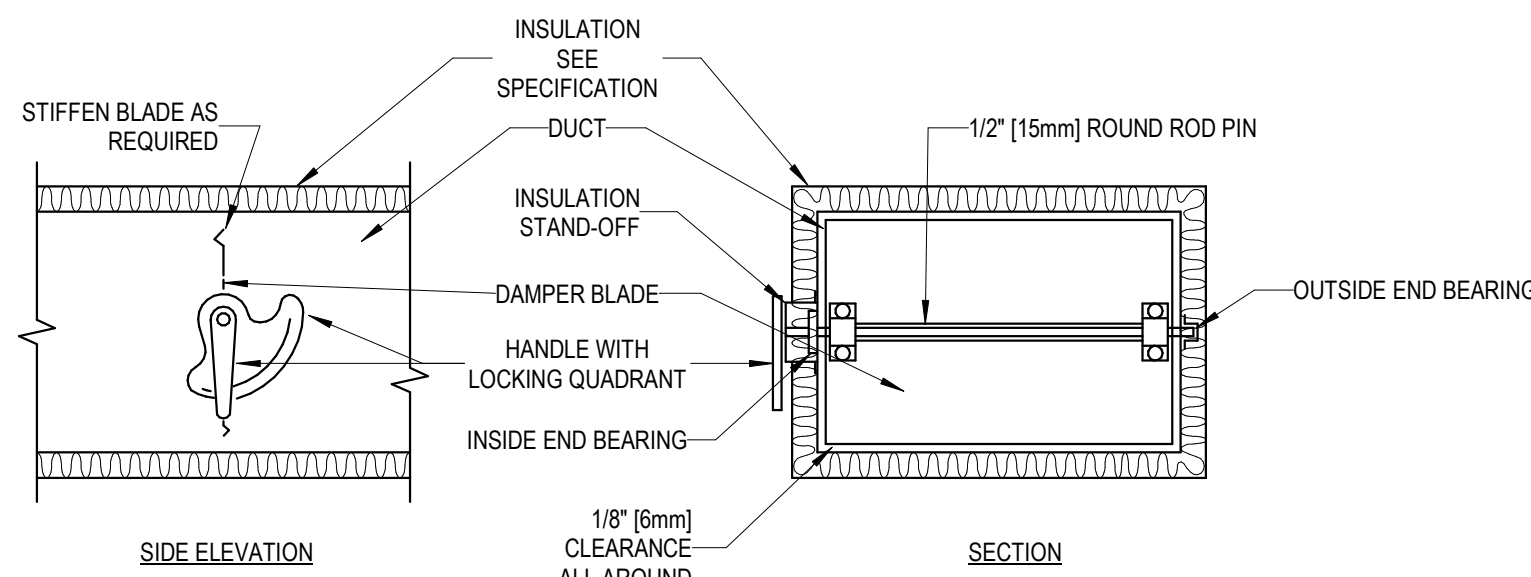
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B

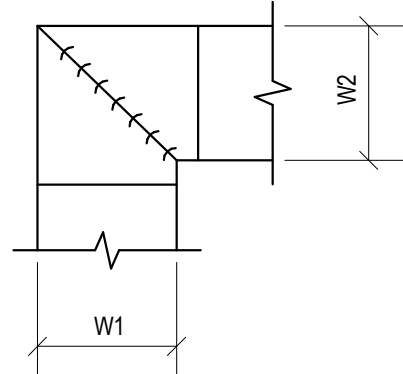
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10 LOW PRESSURE DUCTWORK TAKE-OFF
NTS

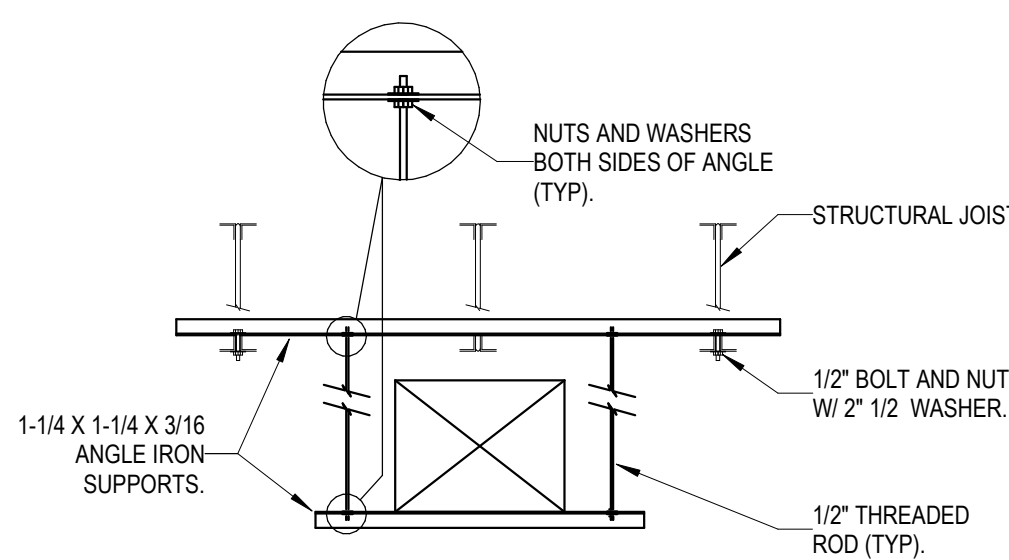


9 VOLUME DAMPER
NTS

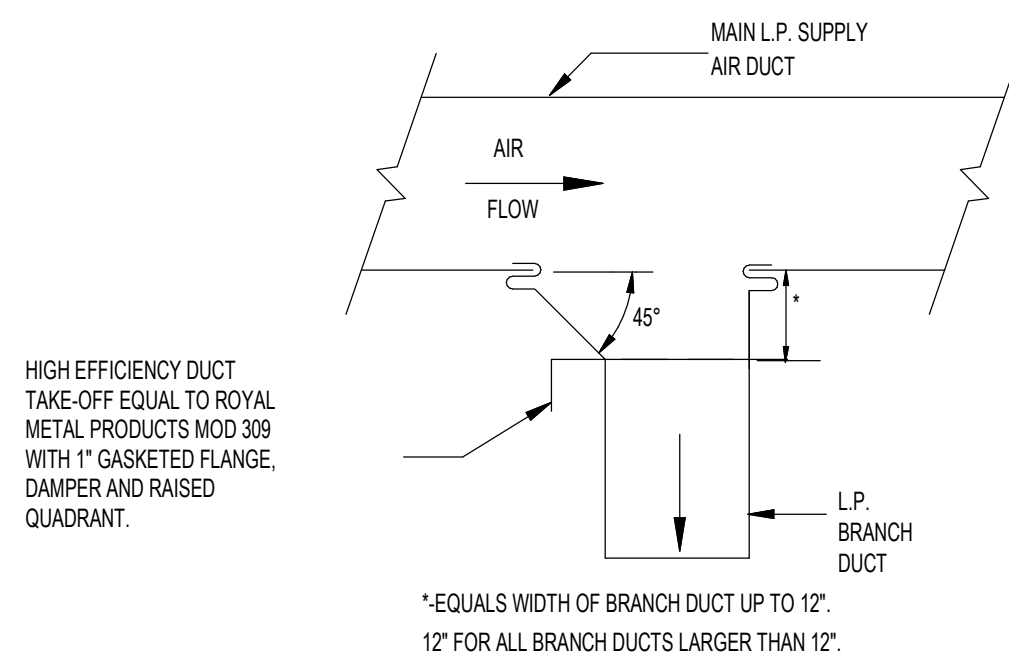


- NOTES:
1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA
 2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
 3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" [50mm] RADIUS, 1-1/2" [40mm] MAXIMUM SPACE BETWEEN VANES AND A 3/4" [20mm] TRAILING EDGE.
 4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" [500mm] VANES SHALL BE DOUBLE VANE TYPE.
 5. INSTALL TURNING VANES AT ALL TURNS IN SUPPLY AIR AND RETURN AIR DUCTS.

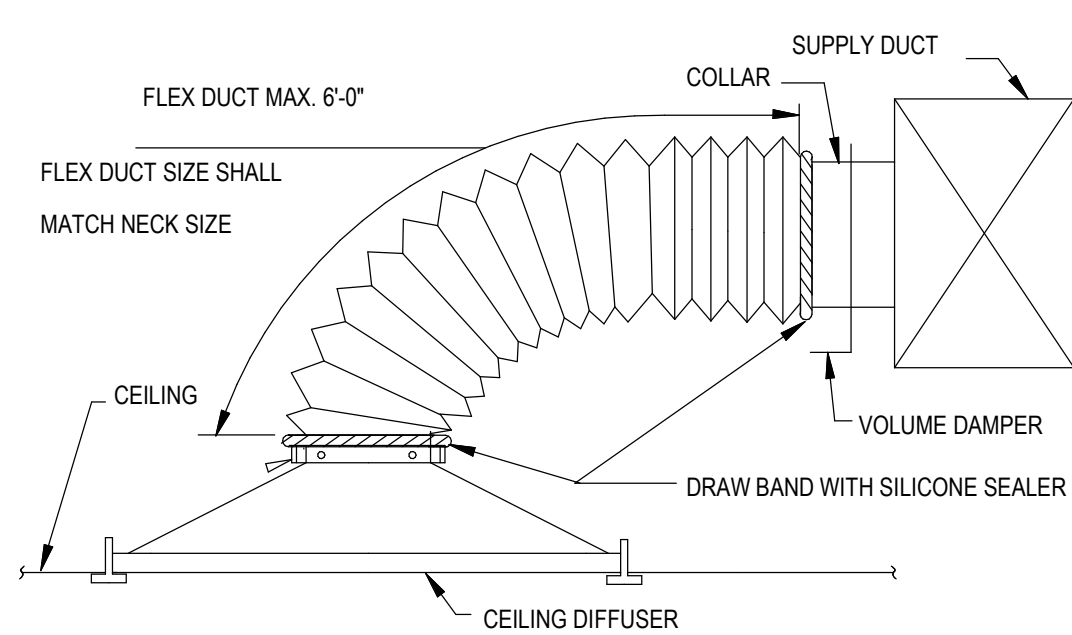
8 TURNING VANES
NTS



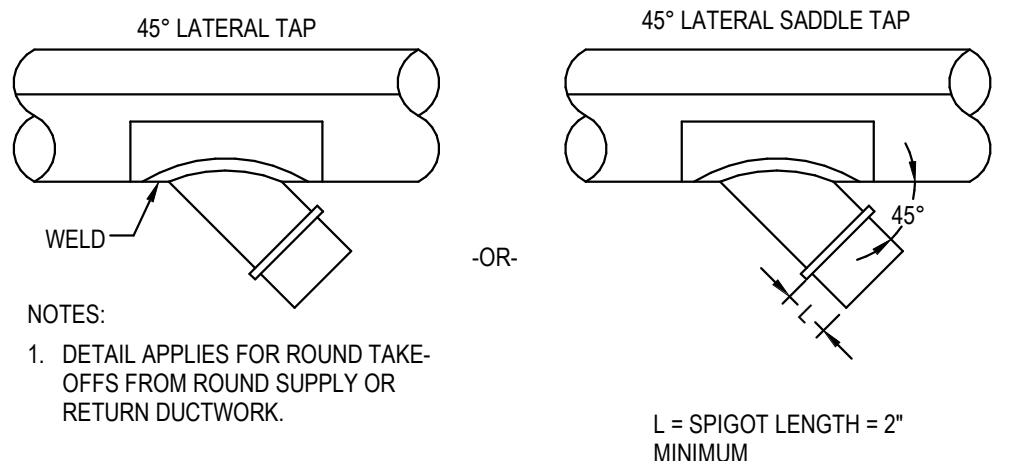
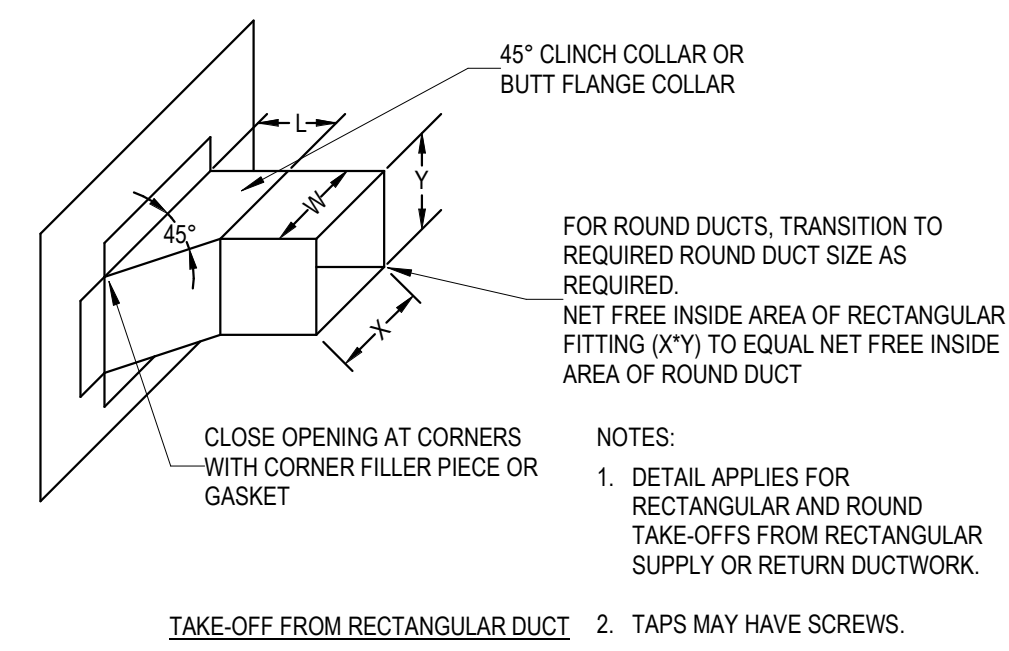
6 SQUARE / RECTANGULAR DUCT HANGER
NTS



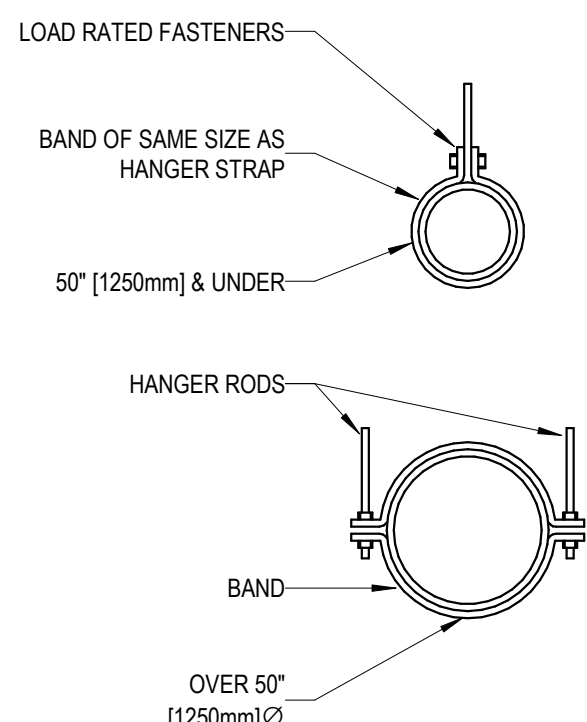
4 LOW PRESSURE BRANCH TAKEOFF
NTS



3 FLEXIBLE DUCT CONNECTION
NTS



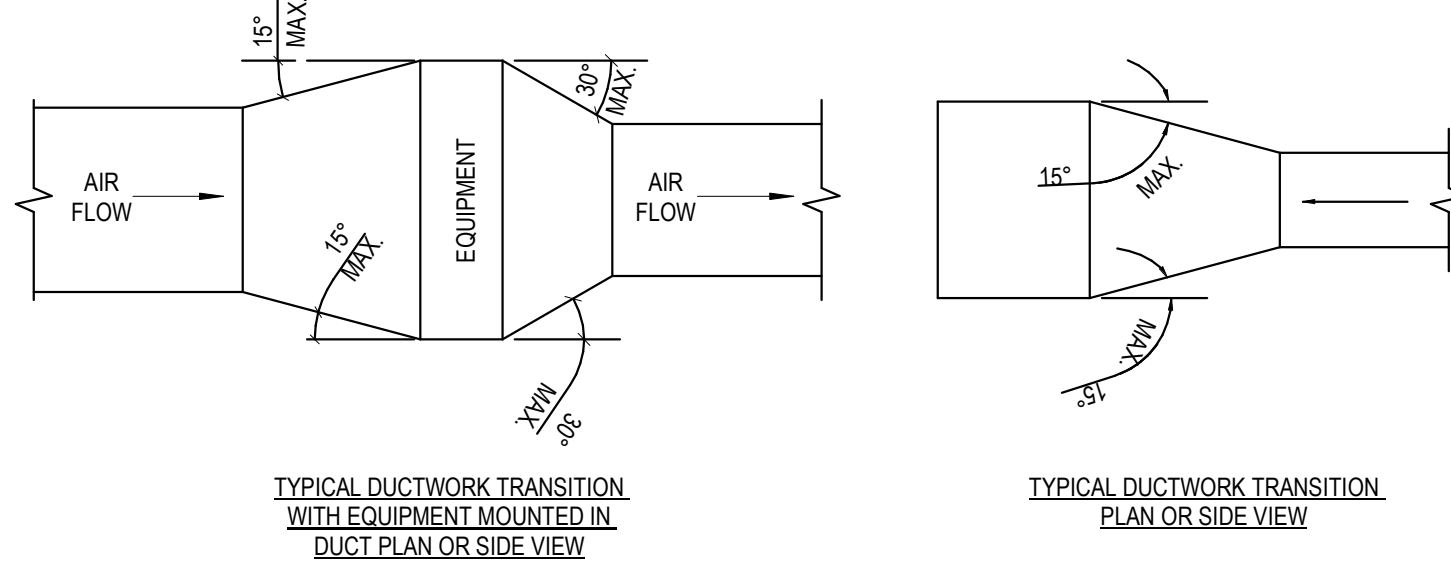
7 TAKE OFF (45)
NTS



HANGER STRAPS OR RODS			
MAX. DUCT IN. [mm]	QUANTITY/SIZE IN. [mm]	MAX. LOAD LBS. [kg]	MAX. SPACING IN. [mm]
26 [650]	ONE 1 [25] x 22 GA STRAP	260 [119]	144 [3600]
36 [900]	ONE 1 [25] x 18 GA STRAP	420 [190]	144 [3600]
50 [1250]	ONE 1 [25] x 16 GA STRAP	700 [317]	144 [3600]
60 [1500]	TWO 3/8 [10] RODS	1320 [598]	144 [3600]
84 [2100]	TWO 1/2 [13] RODS	2500 [1133]	144 [3600]

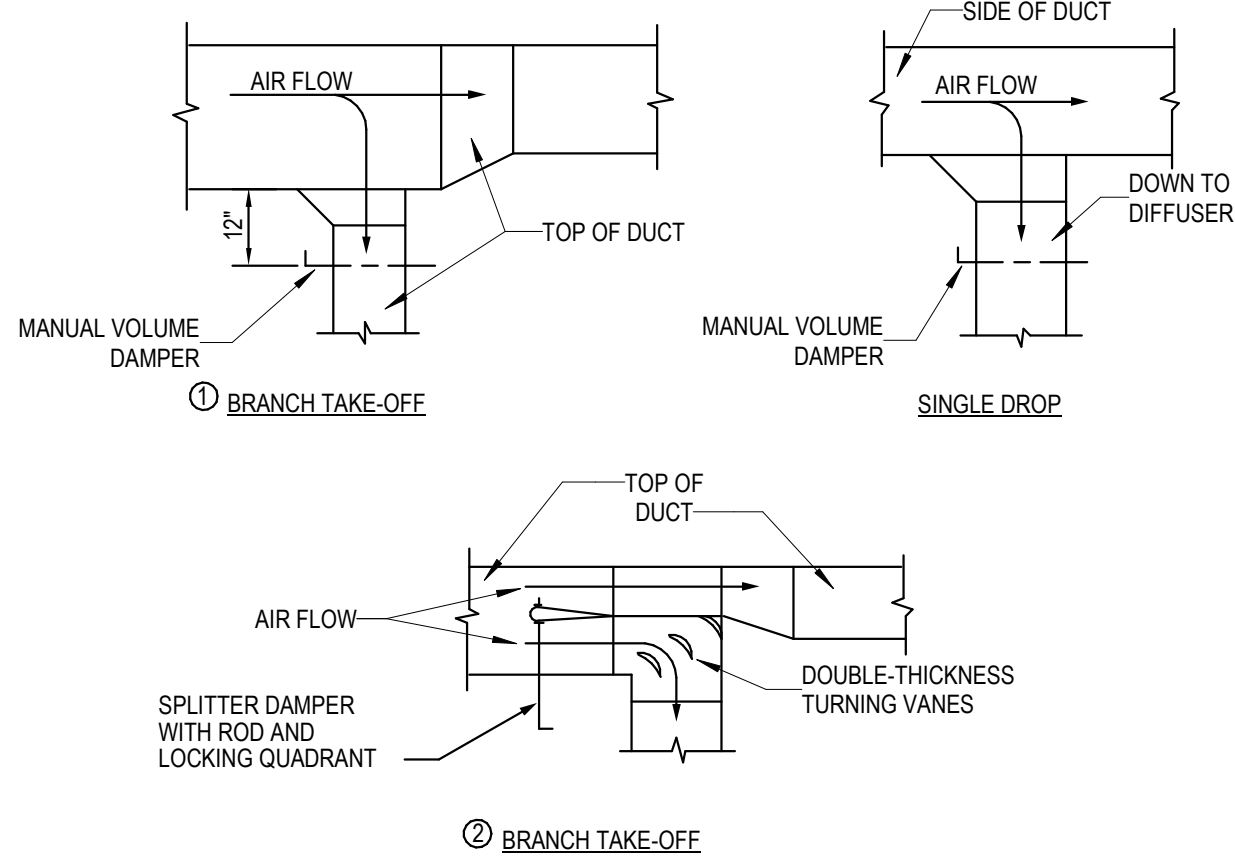
NOTE:
TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.

5 ROUND DUCT HANGERS
NTS



NOTE:
UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN SHALL APPLY.

2 DUCTWORK TRANSITION
NTS



1 DUCT TAKE-OFF AND BRANCH DETAIL
NTS

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MECHANICAL DUCTWORK DETAILS

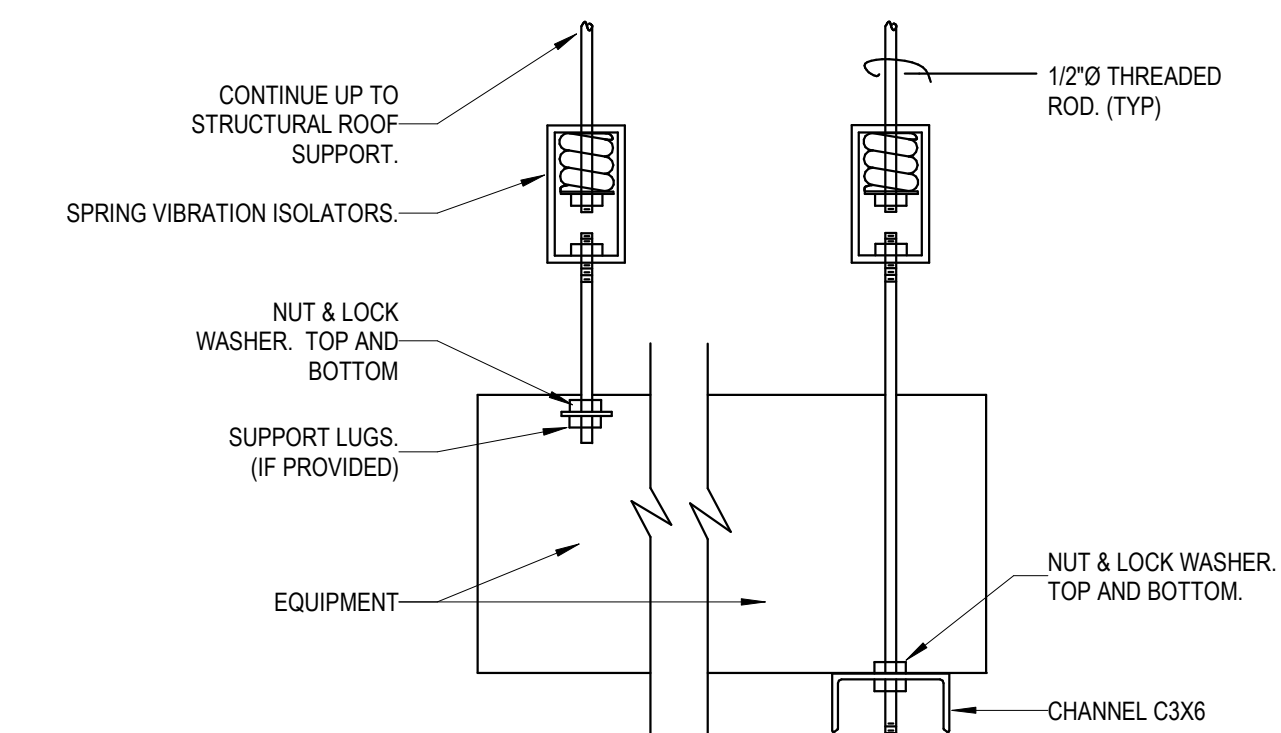
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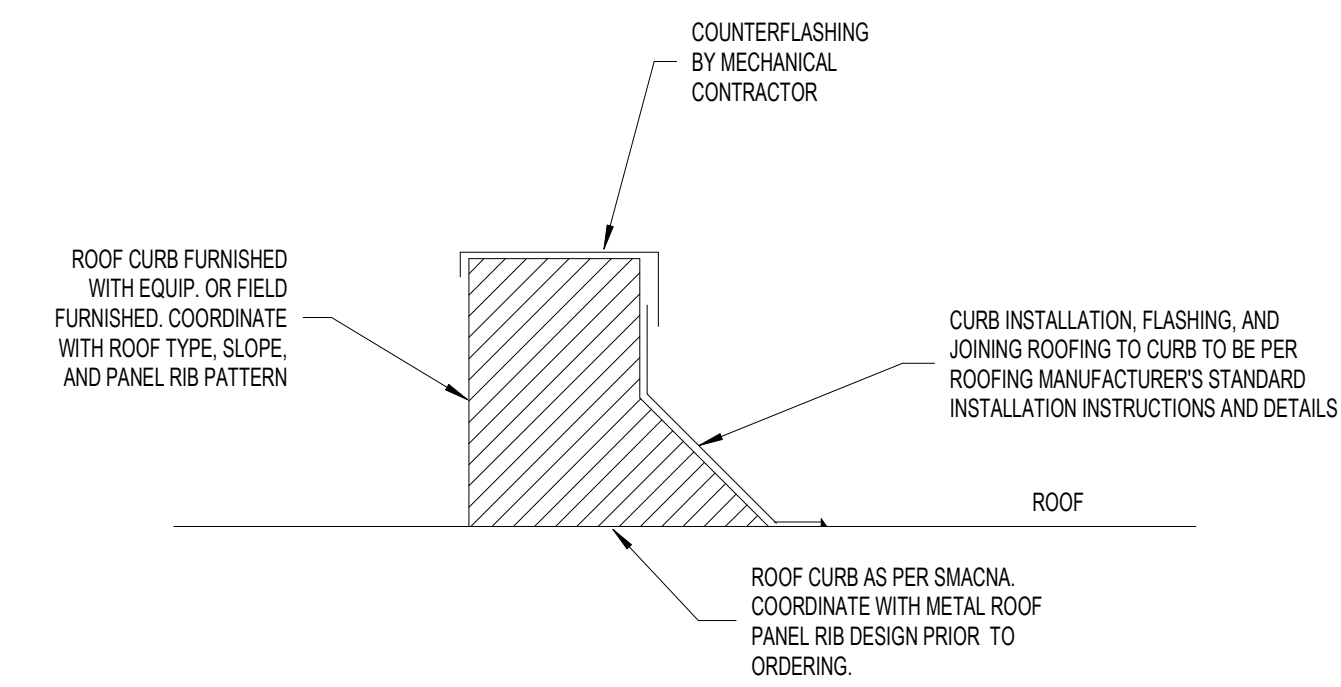
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B

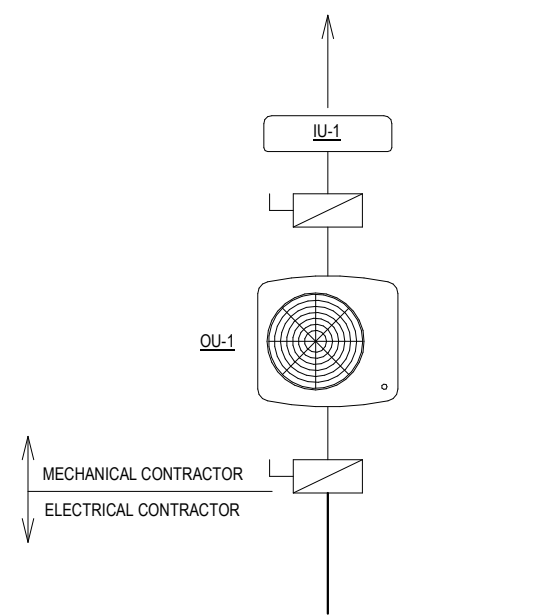
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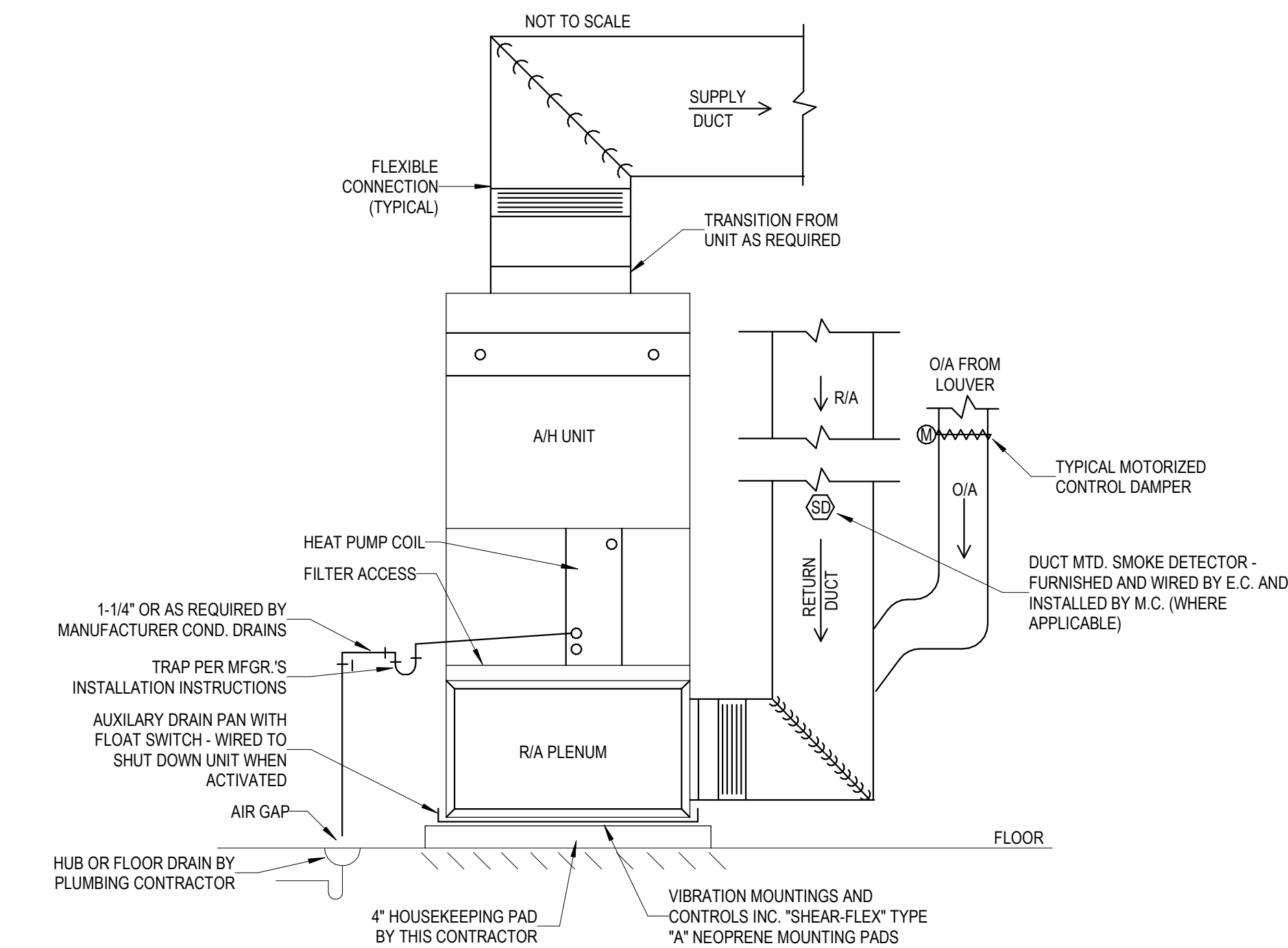
④ SUSPENDED EQUIPMENT SUPPORT
1/8" = 1'-0"



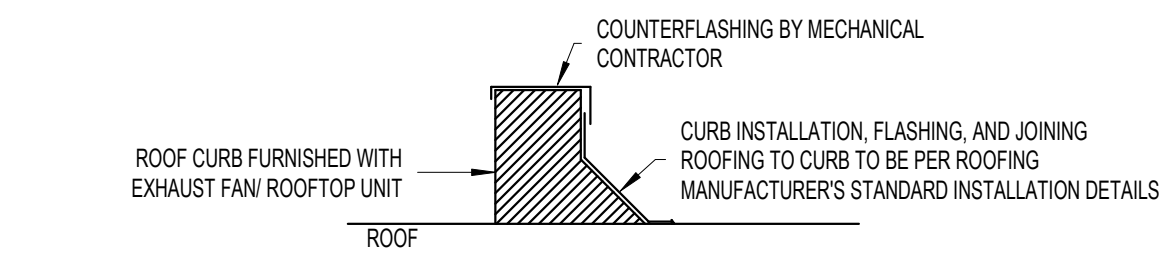
③ ROOF CURB DETAIL
1/8" = 1'-0"



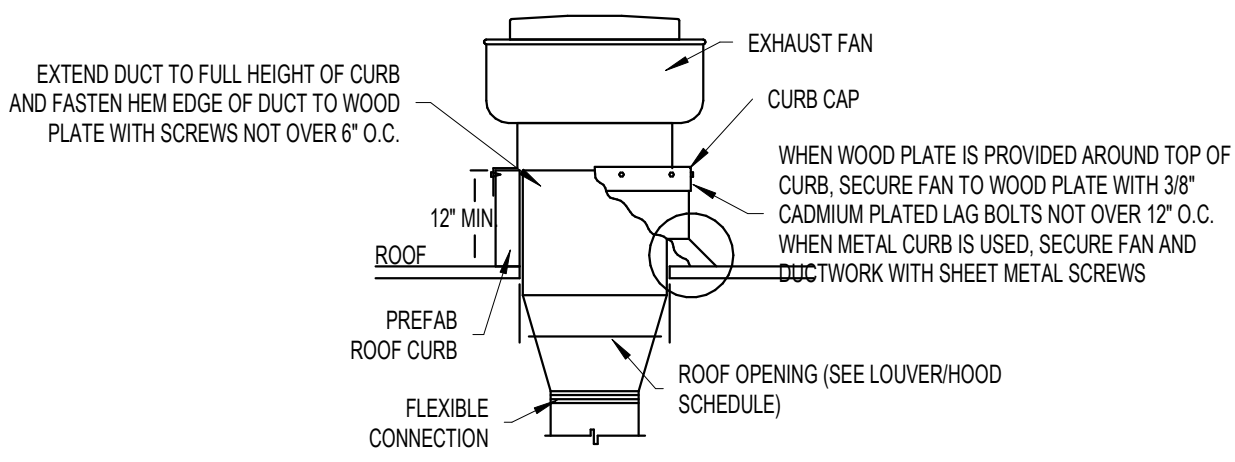
② MINI SPLIT WIRING DIAGRAM
1/8" = 1'-0"



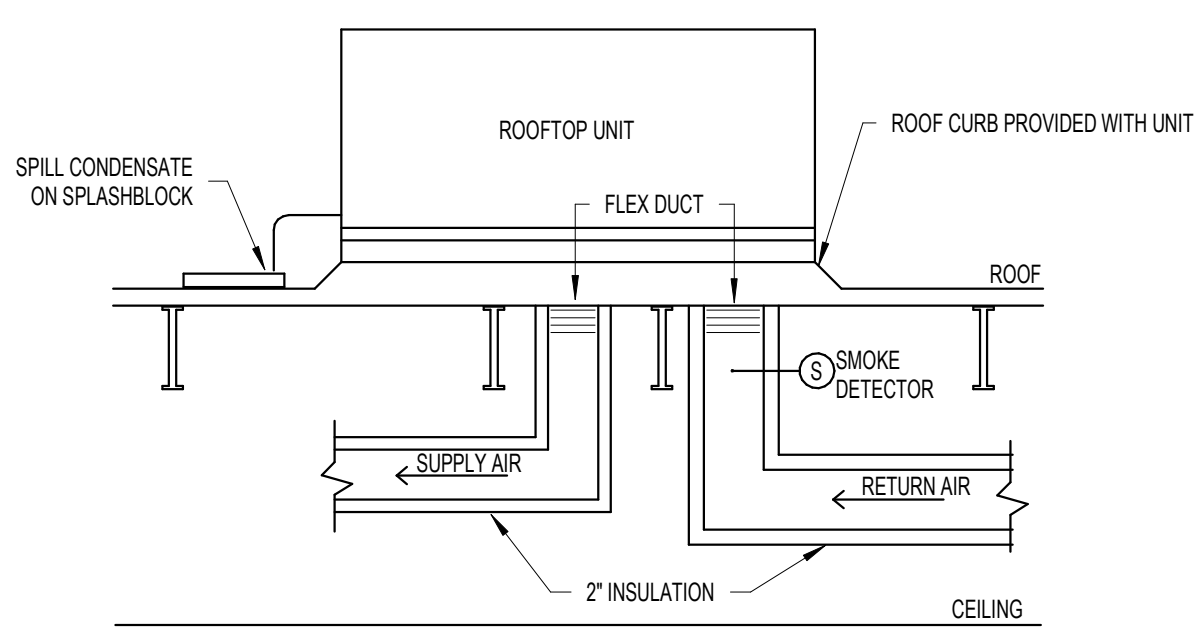
① AHU VERTICAL (DX COIL)
1/8" = 1'-0"



⑤ TYPICAL ROOF CURB INSTALLATION DETAIL
1/8" = 1'-0"



⑥ TYPICAL ROOF EXHAUST FAN DETAIL
1/8" = 1'-0"



⑦ TYPICAL ROOFTOP UNIT DETAIL
1/8" = 1'-0"



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MECHANICAL
DETAILS

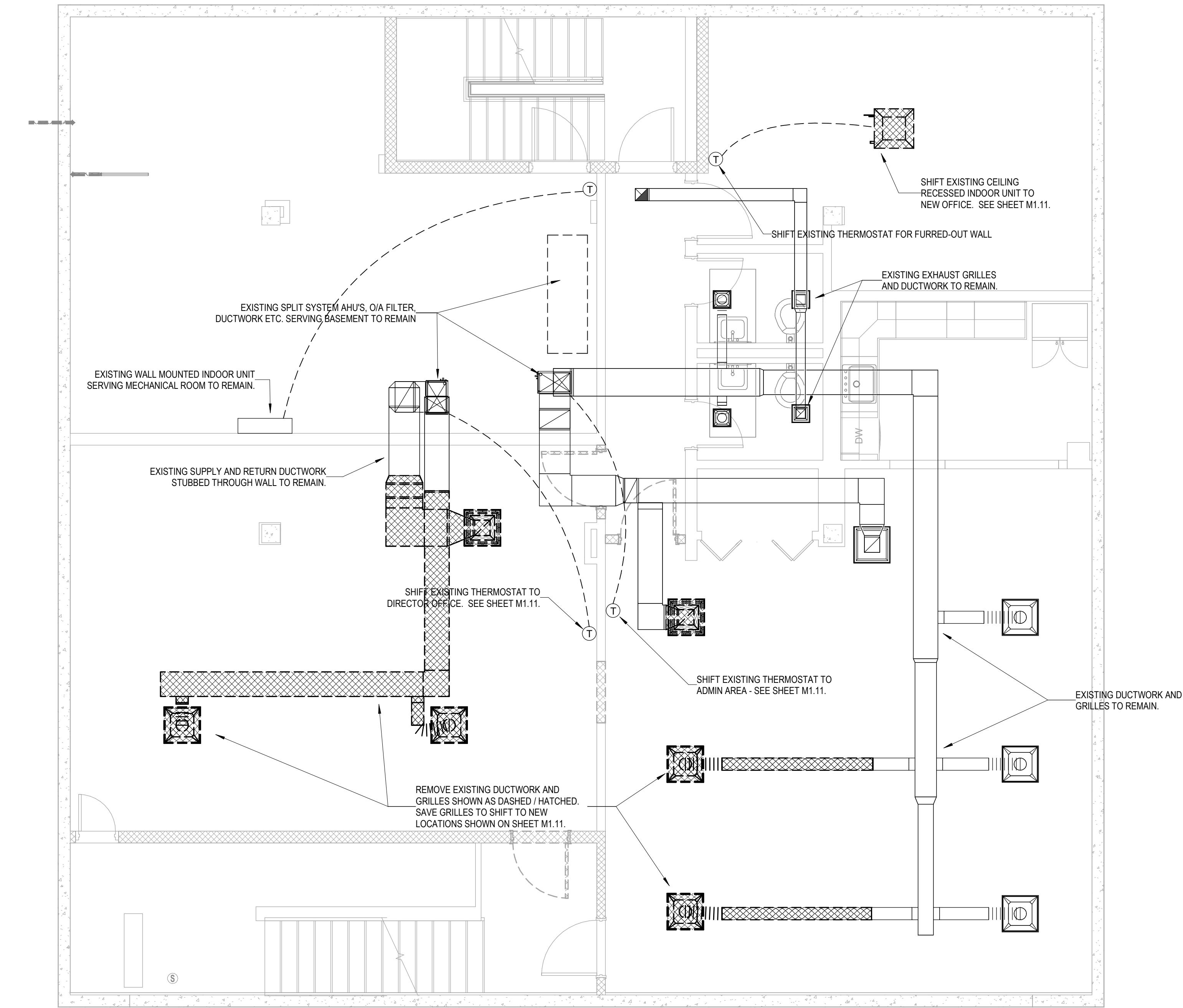
M2.02

D

C

B

A



1 BASEMENT MECHANICAL DEMOLITION PLAN
1/4" = 1'-0"

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BASEMENT MECHANICAL DEMOLITION PLAN

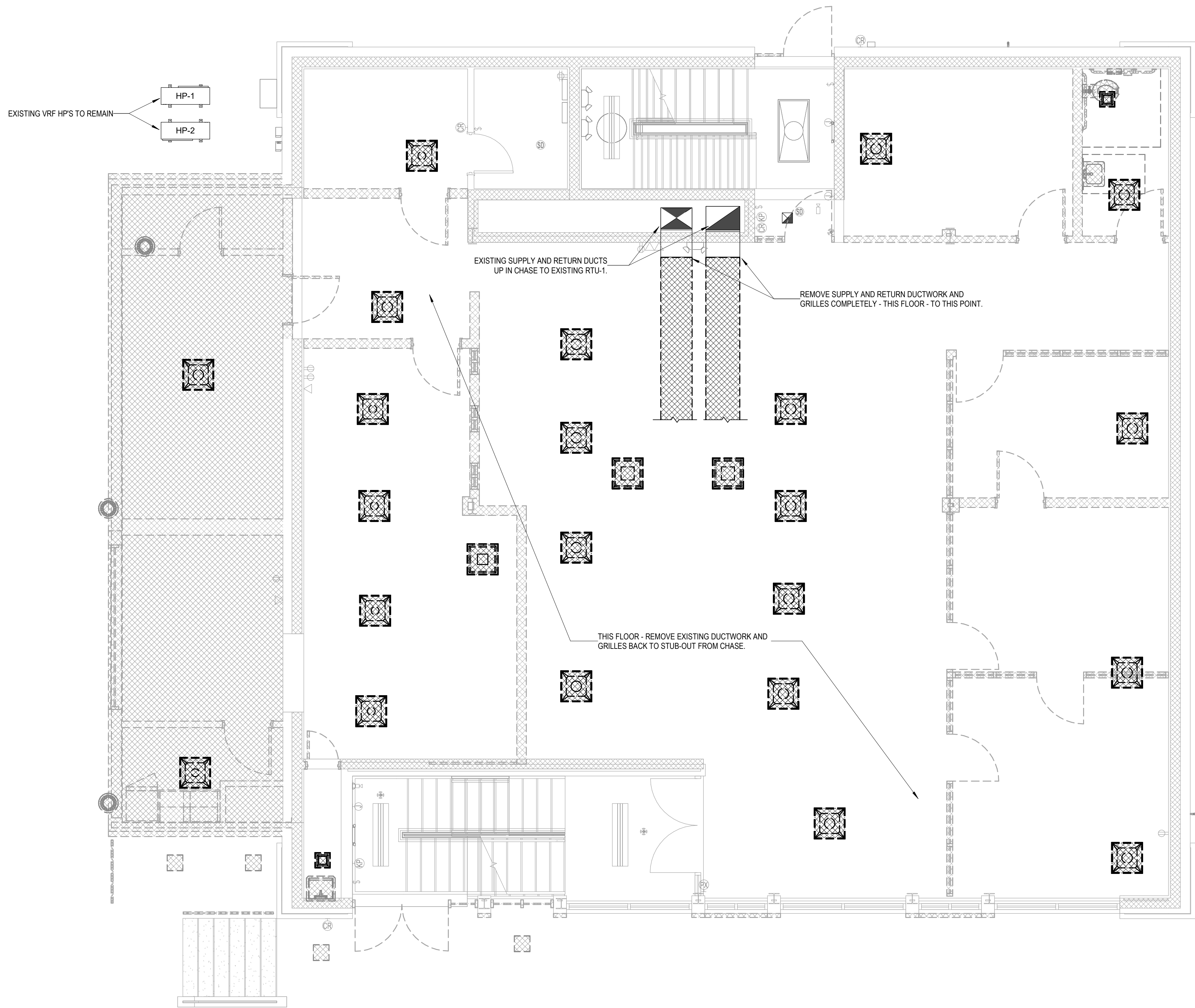
MD1.11

D

C

B

A



① FIRST FLOOR MECHANICAL DEMOLITION PLAN
1/4" = 1'-0"

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FIRST FLOOR
MECHANICAL
DEMOLITION PLAN

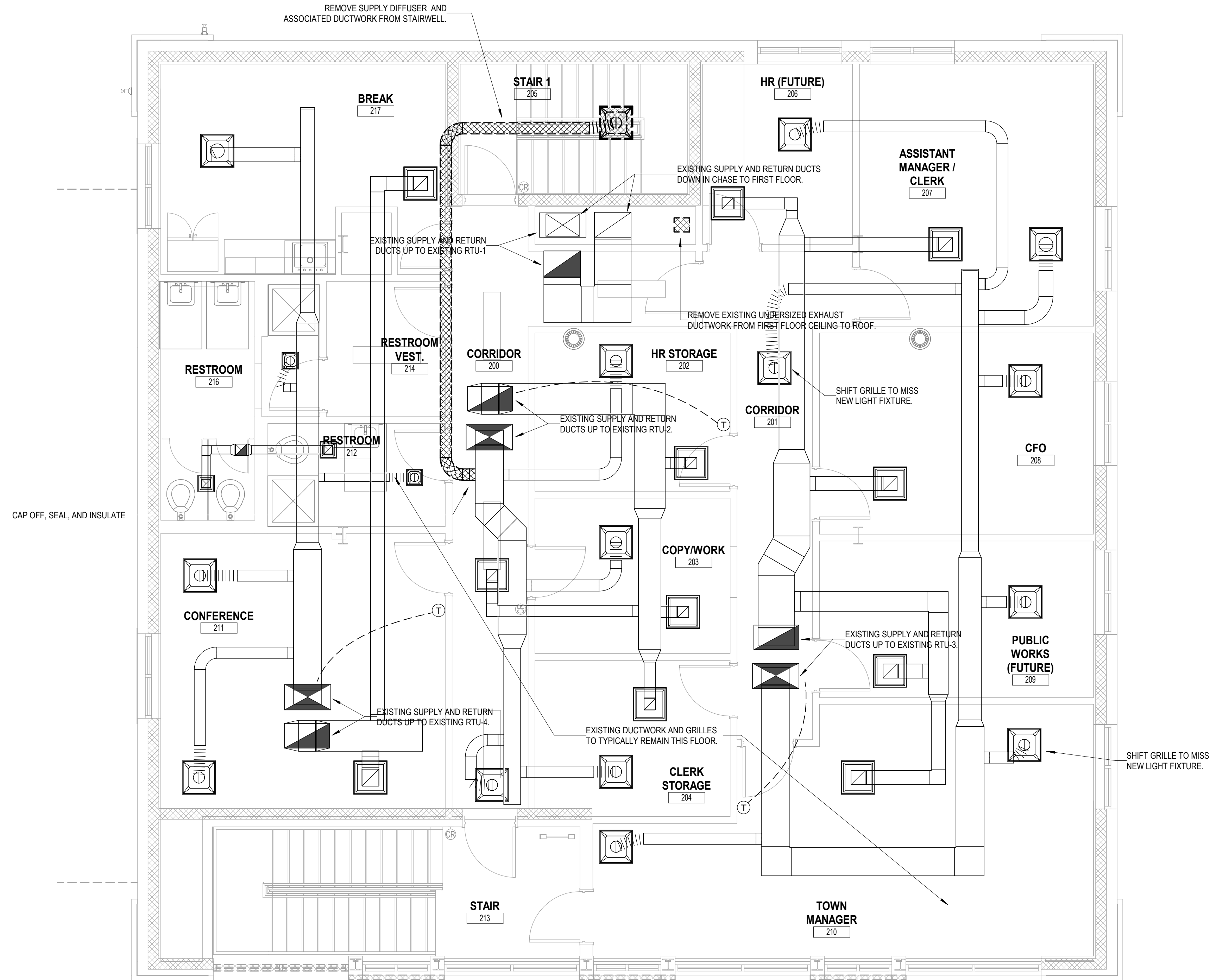
MD1.12

D

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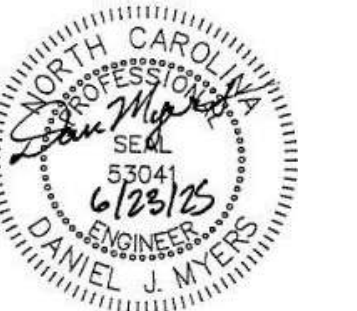
A



1 SECOND FLOOR MECHANICAL DEMOLITION PLAN
1/4" = 1'-0"

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SECOND FLOOR MECHANICAL DEMOLITION PLAN

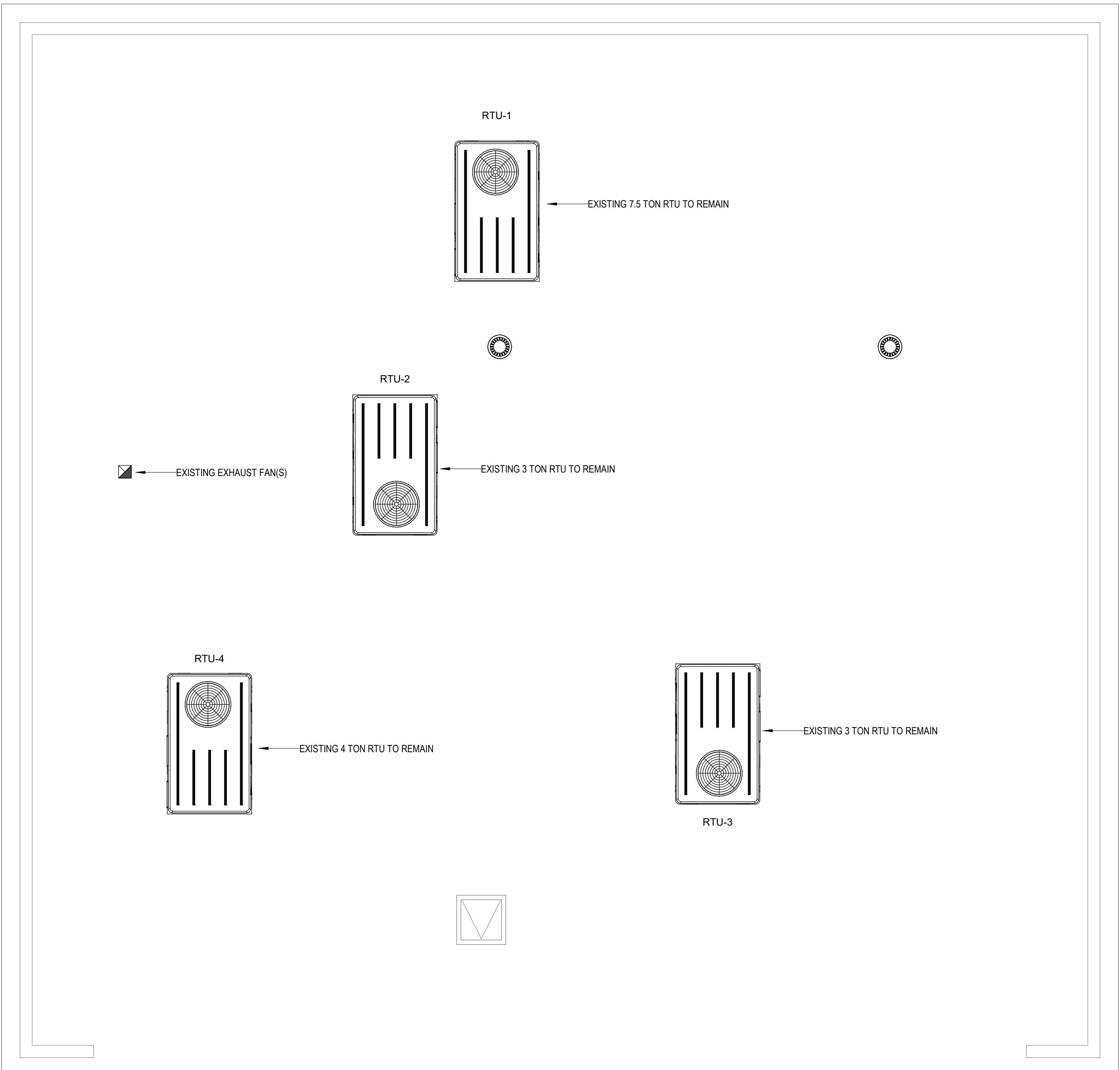
MD1.13

D

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① ROOF MECHANICAL DEMOLITION PLAN
1/4" = 1'-0"

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ROOF TOP
MECHANICAL
DEMOLITION PLAN

MD1.14



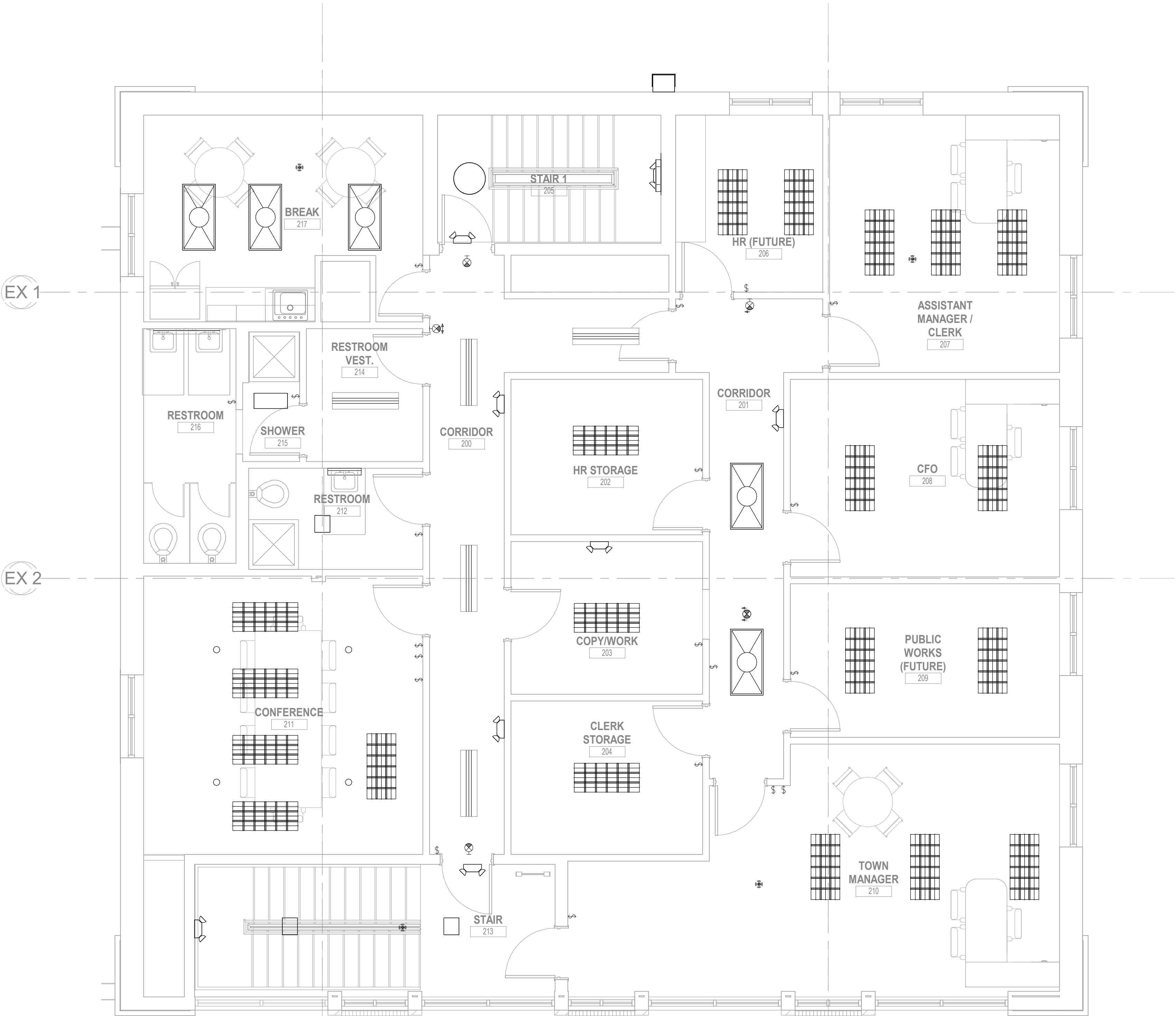
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ELECTRICAL
BASEMENT & SECOND
FLOOR LIGHTING
PLANS

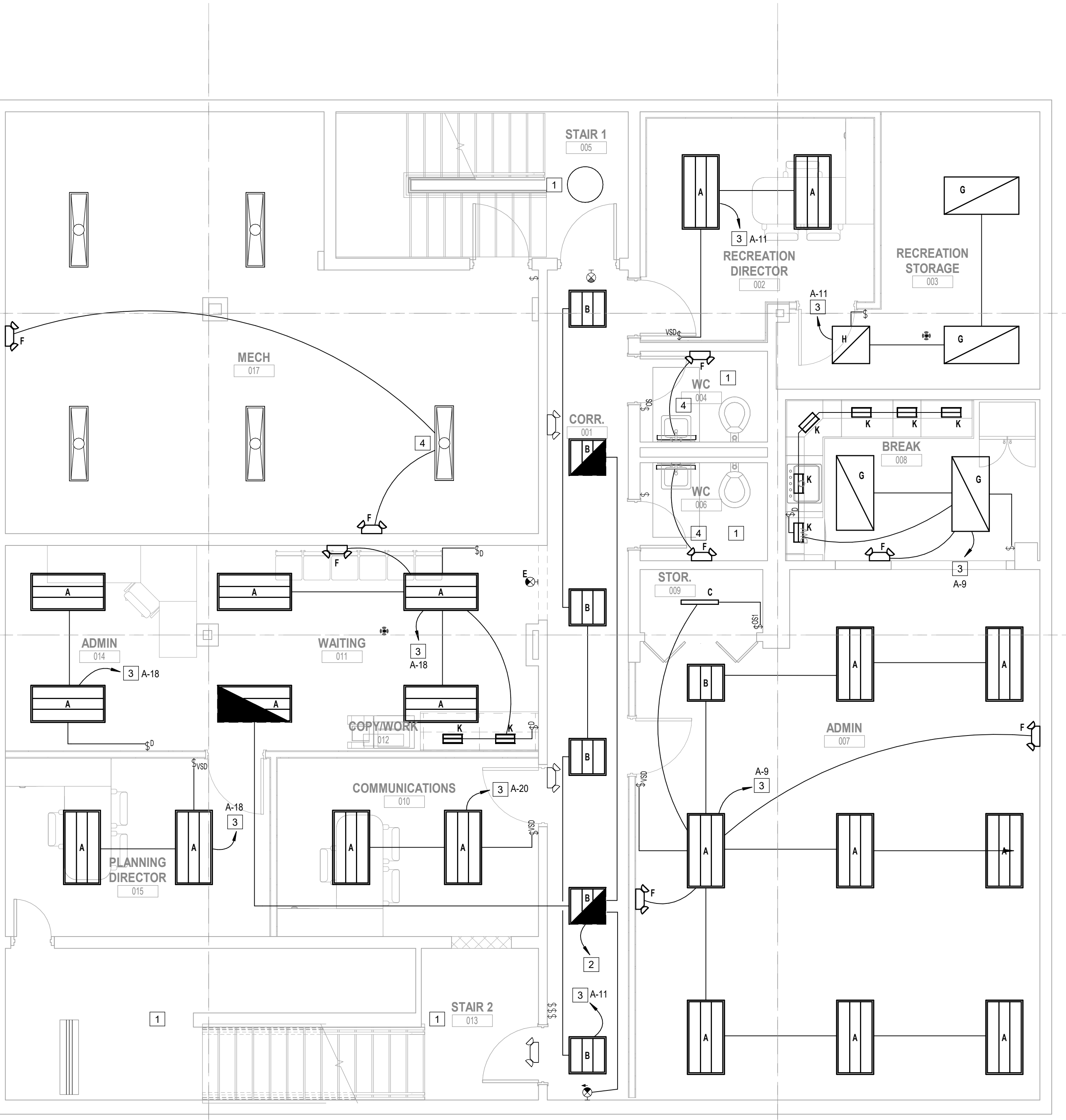
E1.11



2 SECOND FLOOR LIGHTING PLAN
1/4" = 1'-0"

KEYED ELECTRICAL POWER CONSTRUCTION NOTES
APPLY TO THIS SHEET ONLY

- NO ELECTRICAL WORK THIS AREA/ROOM, UNLESS NOTED OTHERWISE.
- CONNECT TO EXISTING EGRESS / N/L LIGHTING CIRCUIT PREVIOUSLY SERVING THE AREA WITH 3/12" IN 3/4" CONDUIT. VERIFY EXISTING CIRCUIT HAS SUFFICIENT CAPACITY & REVISE IF REQUIRED.
- CONNECT TO EXISTING NORMAL LIGHTING CIRCUIT PREVIOUSLY SERVING THE AREA WITH 3/12" IN 3/4" CONDUIT. VERIFY EXISTING CIRCUIT HAS SUFFICIENT CAPACITY & REVISE IF REQUIRED. CIRCUIT SHOWN IS FOR REFERENCE TO PANEL LISTING FOR THE AREA. VERIFY EXISTING CIRCUIT HAS SUFFICIENT CAPACITY FOR THE NEW LOAD & REVISE IF REQUIRED.
- CONNECT NEW DUAL-HEAD EGRESS FIXTURE TO EXISTING LIGHTING CIRCUIT SERVING THE AREA WITH 3/12" IN 3/4" CONDUIT. VERIFY EXISTING CIRCUIT HAS SUFFICIENT CAPACITY & REVISE IF REQUIRED.



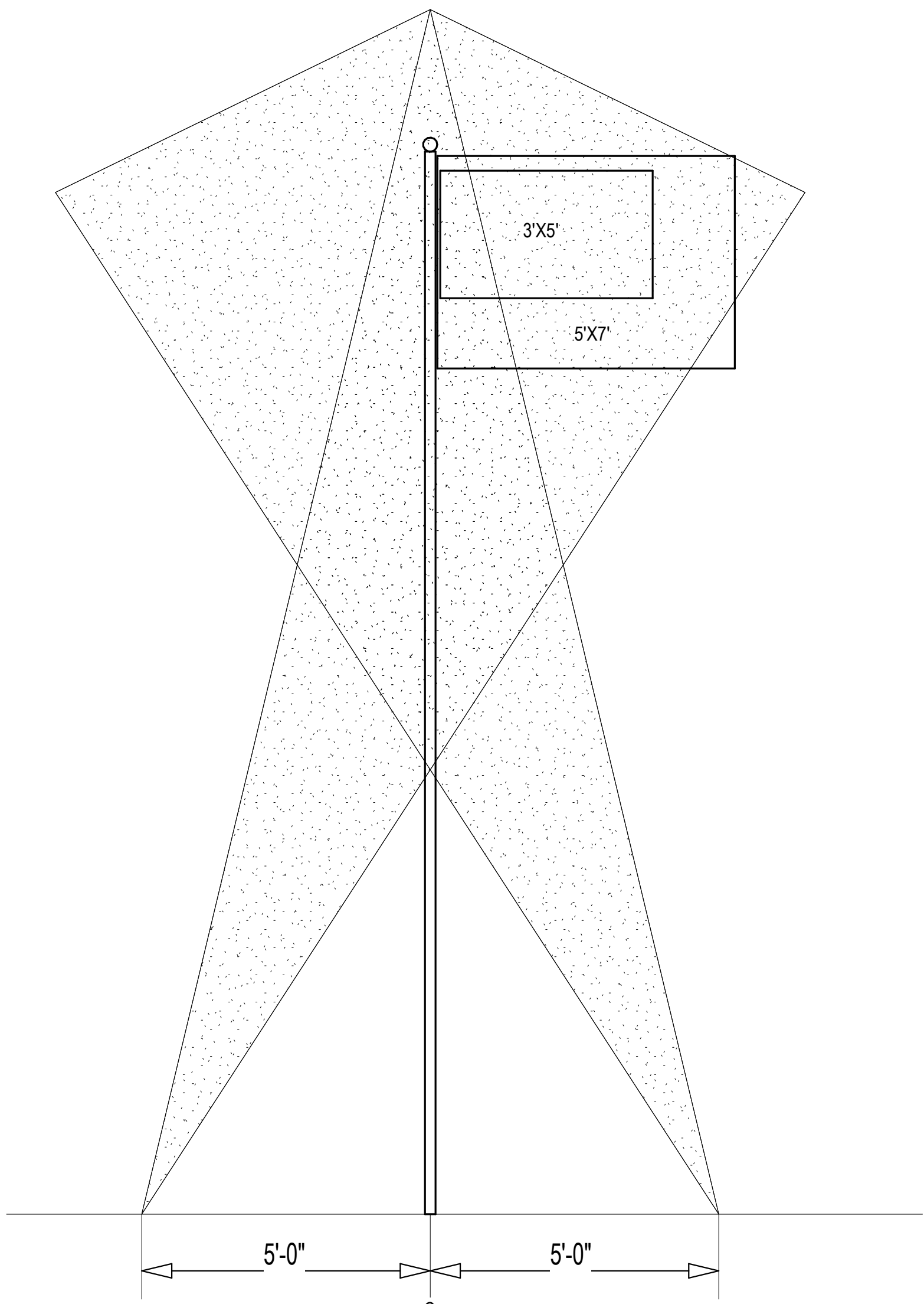
1 BASEMENT LIGHTING PLAN
1/4" = 1'-0"

D

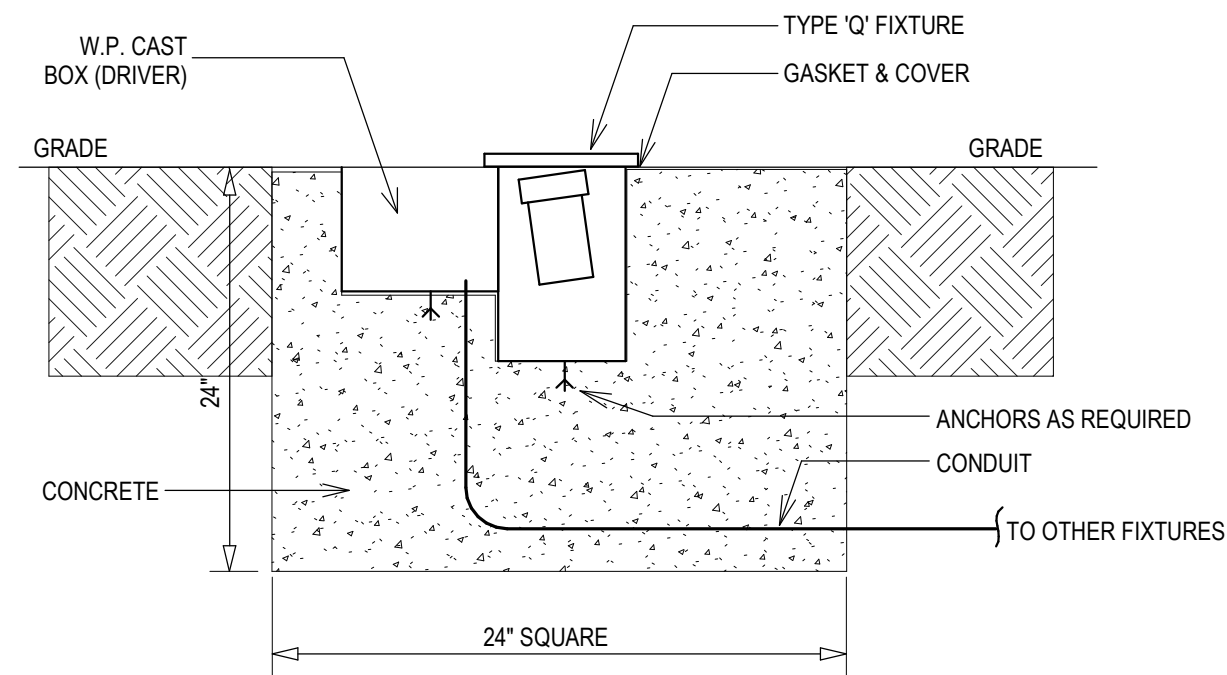
C

B

A



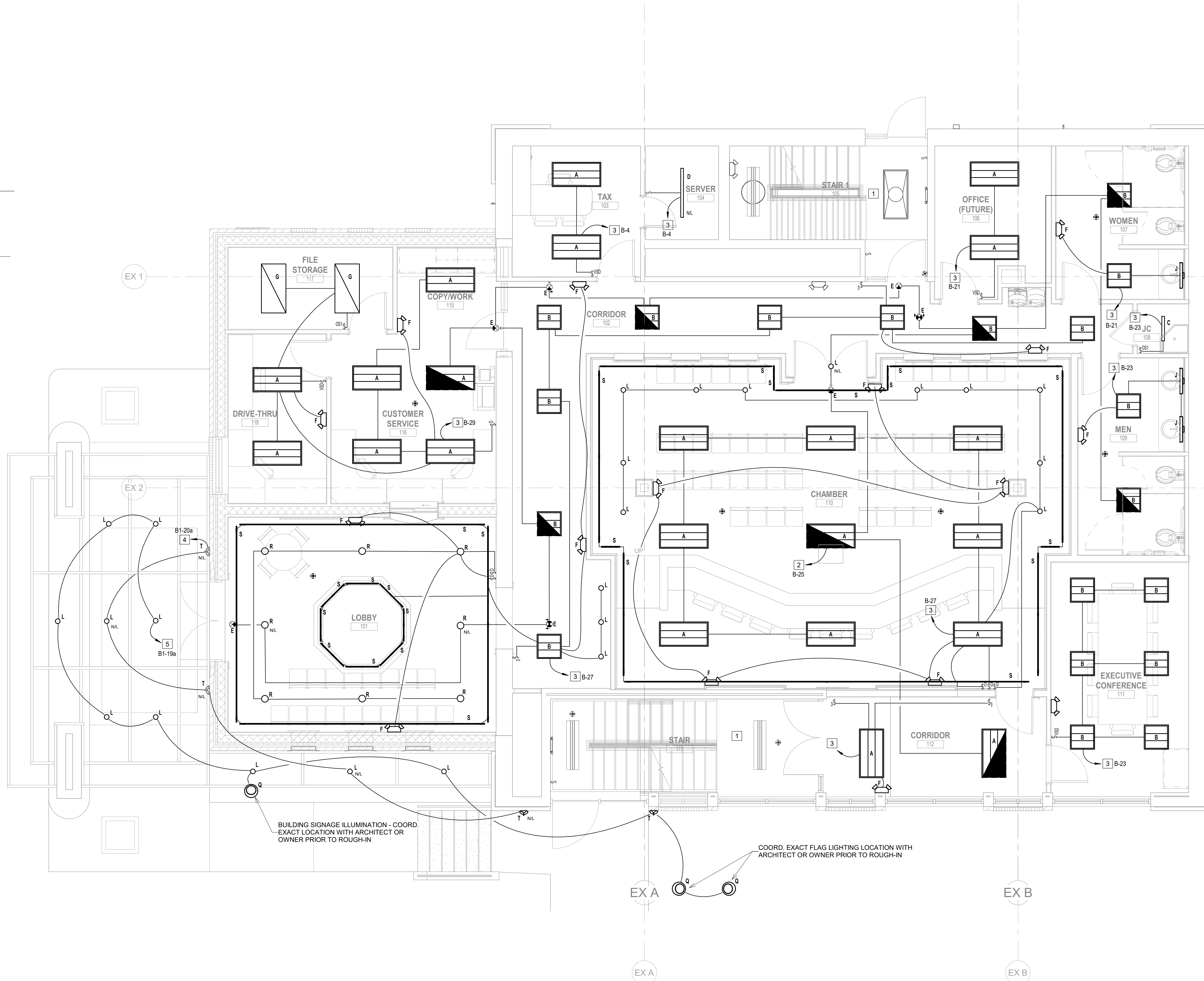
2 Typ. Flag Light Fixture Placement Detail
NTS



3 Typ. In-ground Flag Light Fixture Mounting
Detail
NTS

KEYED ELECTRICAL POWER CONSTRUCTION NOTES
APPLY TO THIS SHEET ONLY

- 1 NO ELECTRICAL WORK THIS AREA/ROOM.
- 2 CONNECT TO EXISTING EGRESS / NL LIGHTING CIRCUIT PREVIOUSLY SERVING THE AREA WITH 3/4" IN 3/4" CONDUIT. VERIFY EXISTING CIRCUIT HAS SUFFICIENT CAPACITY & REVISE IF REQUIRED.
- 3 CONNECT TO EXISTING NORMAL LIGHTING CIRCUIT PREVIOUSLY SERVING THE AREA WITH 3/4" IN 3/4" CONDUIT. VERIFY EXISTING CIRCUIT HAS SUFFICIENT CAPACITY & REVISE IF REQUIRED.
- 4 CONNECT TO EXISTING OUTDOOR EGRESS / NL LIGHTING CIRCUIT WITH 3/4" IN 3/4" CONDUIT. VERIFY EXISTING CIRCUIT HAS SUFFICIENT CAPACITY & REVISE IF REQUIRED.
- 5 CONNECT TO EXISTING OUTDOOR DAWN-TO-DUSK LIGHTING CIRCUIT WITH 3/4" IN 3/4" CONDUIT. VERIFY EXISTING CIRCUIT HAS SUFFICIENT CAPACITY & REVISE IF REQUIRED.

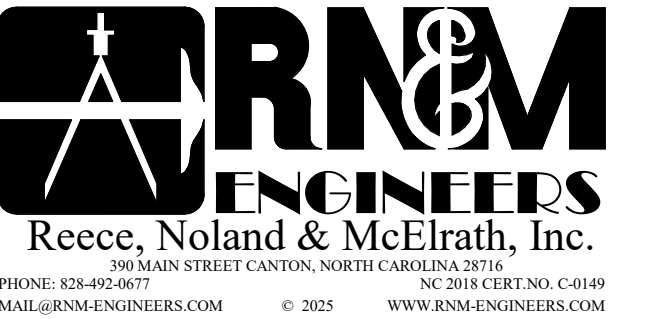


1 FIRST FLOOR LIGHTING PLAN
1/4" = 1'-0"

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2	CONSULTANT REVIEW SET	6/17/2025

Package: CONSTRUCTION DOCUMENTS
Project Number: 2023-001-02
Date: JUNE 23, 2025

ELECTRICAL 1st
FLOOR LIGHTING PLAN

E1.12



CANTON TOWN HALL

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2	CONSULTANT REVIEW SET	6/17/2025

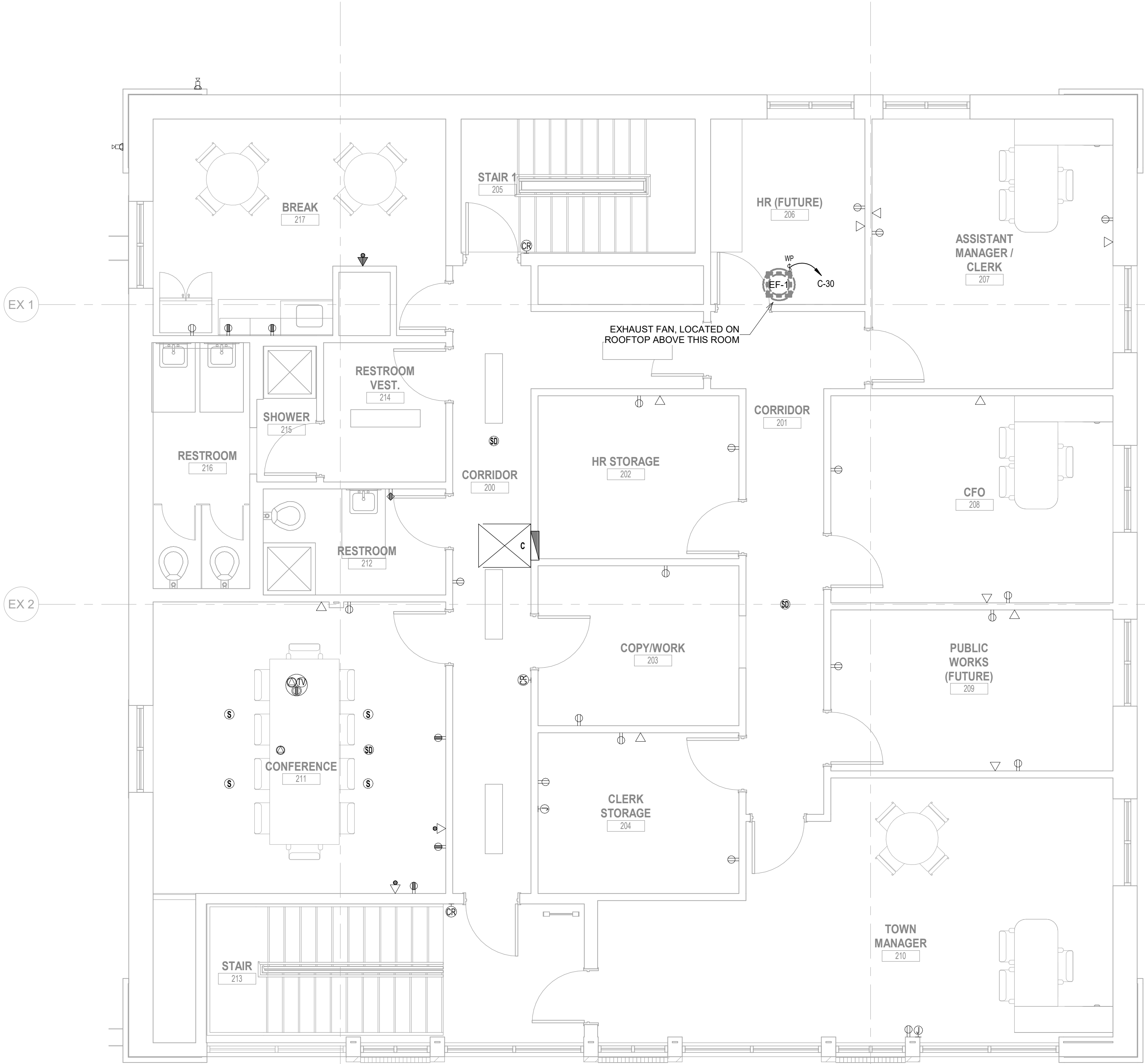
Package: CONSTRUCTION DOCUMENTS

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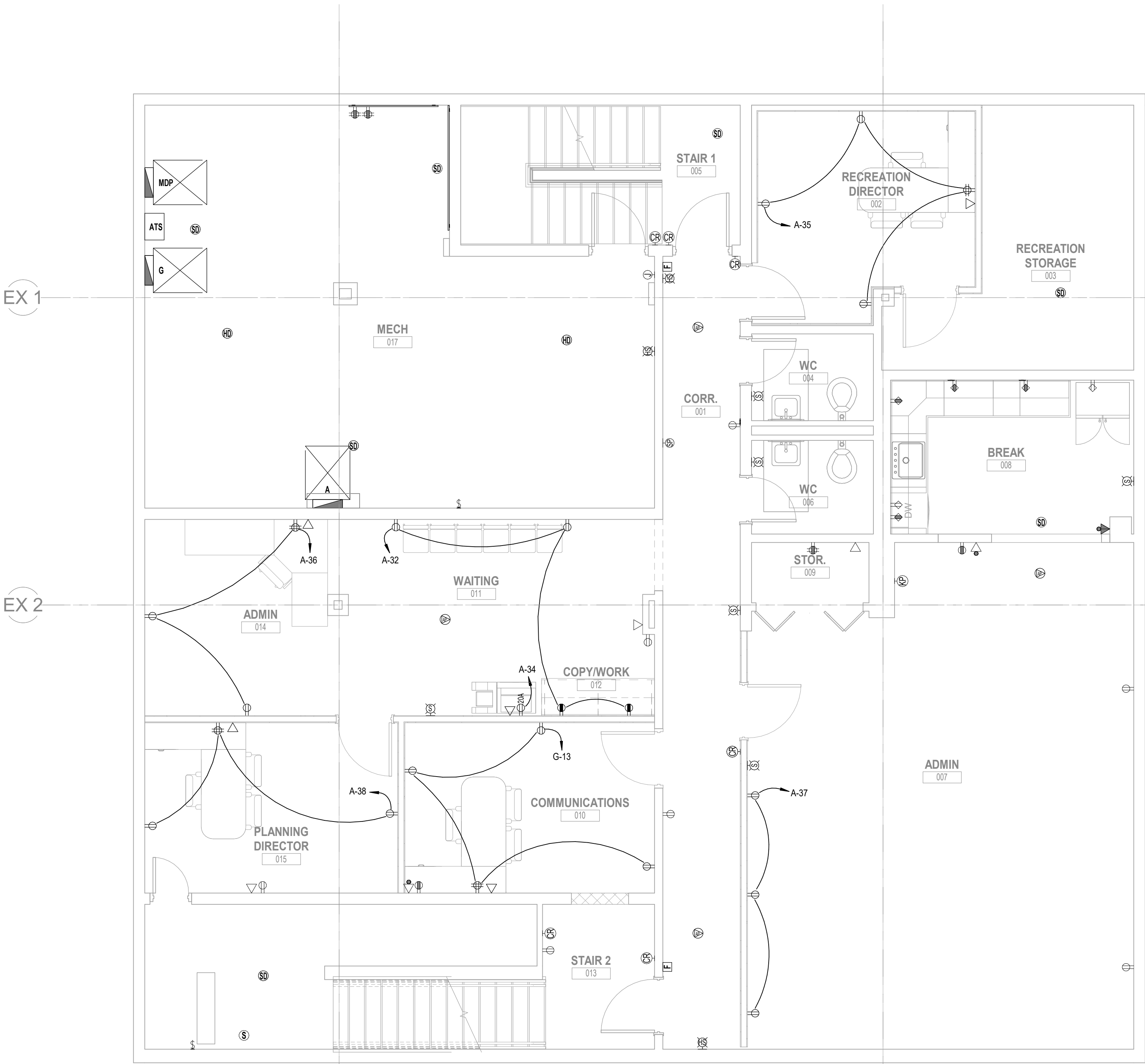
Date: JUNE 23, 2025

**ELECTRICAL
BASEMENT & 2nd
FLOOR RECEPTACLE &
POWER PLANS**

E1.21

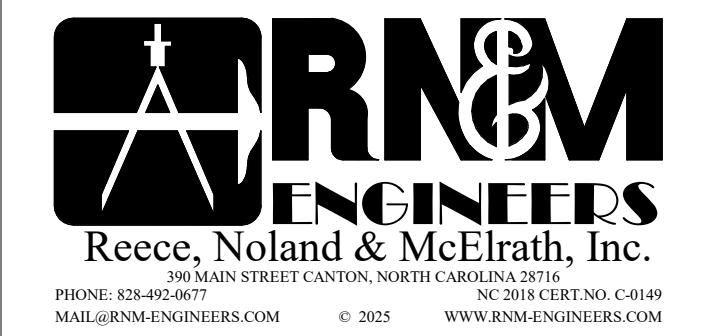


2 SECOND FLOOR POWER & RECEPTACLE PLAN
1/4" = 1'-0"



1 BASEMENT POWER & RECEPTACLE PLAN
1/4" = 1'-0"

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CANTON TOWN HALL

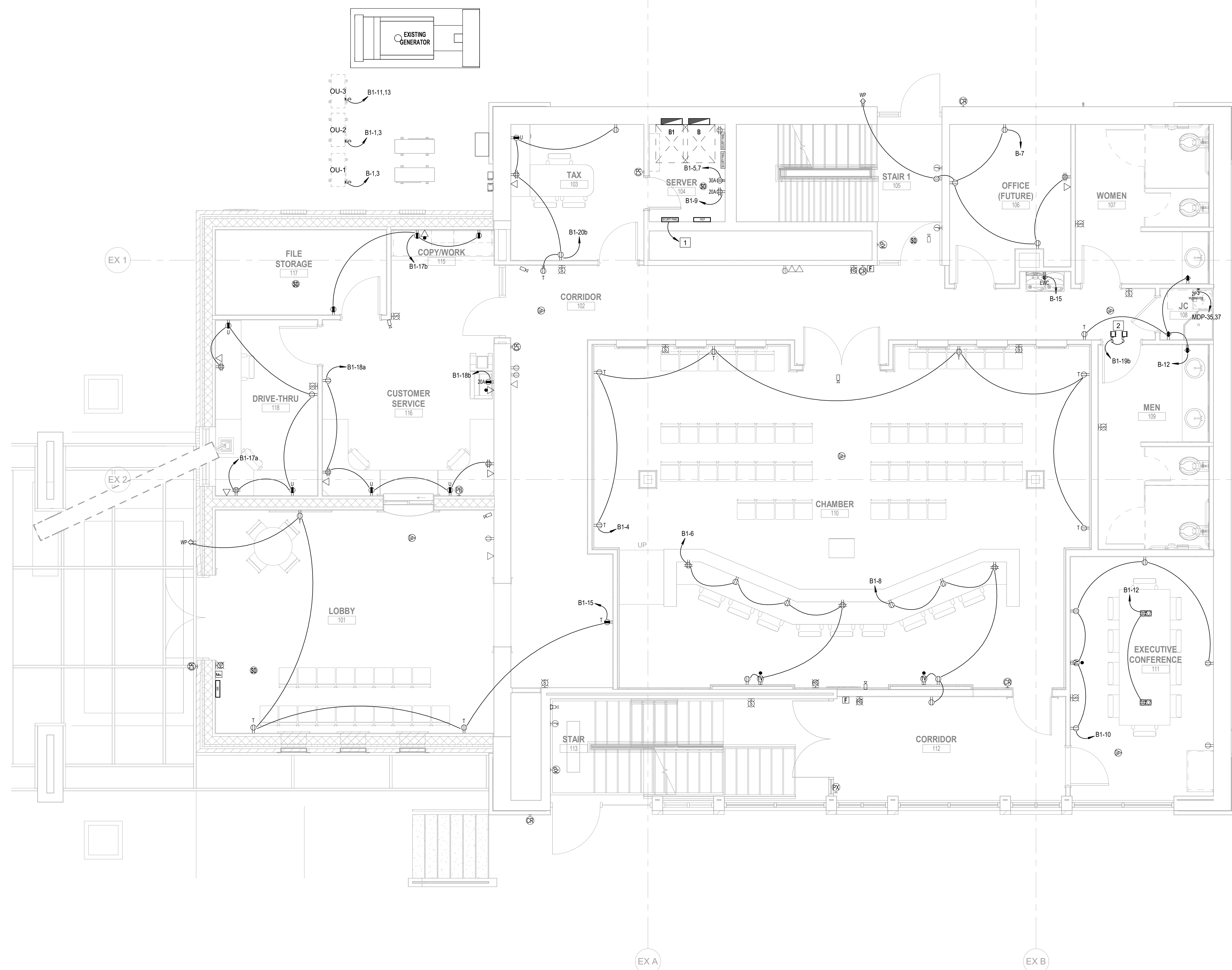
[illegible]

Project Number: 2023-001-02

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ELECTRICAL 1st FLOOR RECEPTACLE & POWER PLAN

E1.22



1 FIRST FLOOR POWER & RECEPTACLE PLAN
1/4" = 1'-0"

D

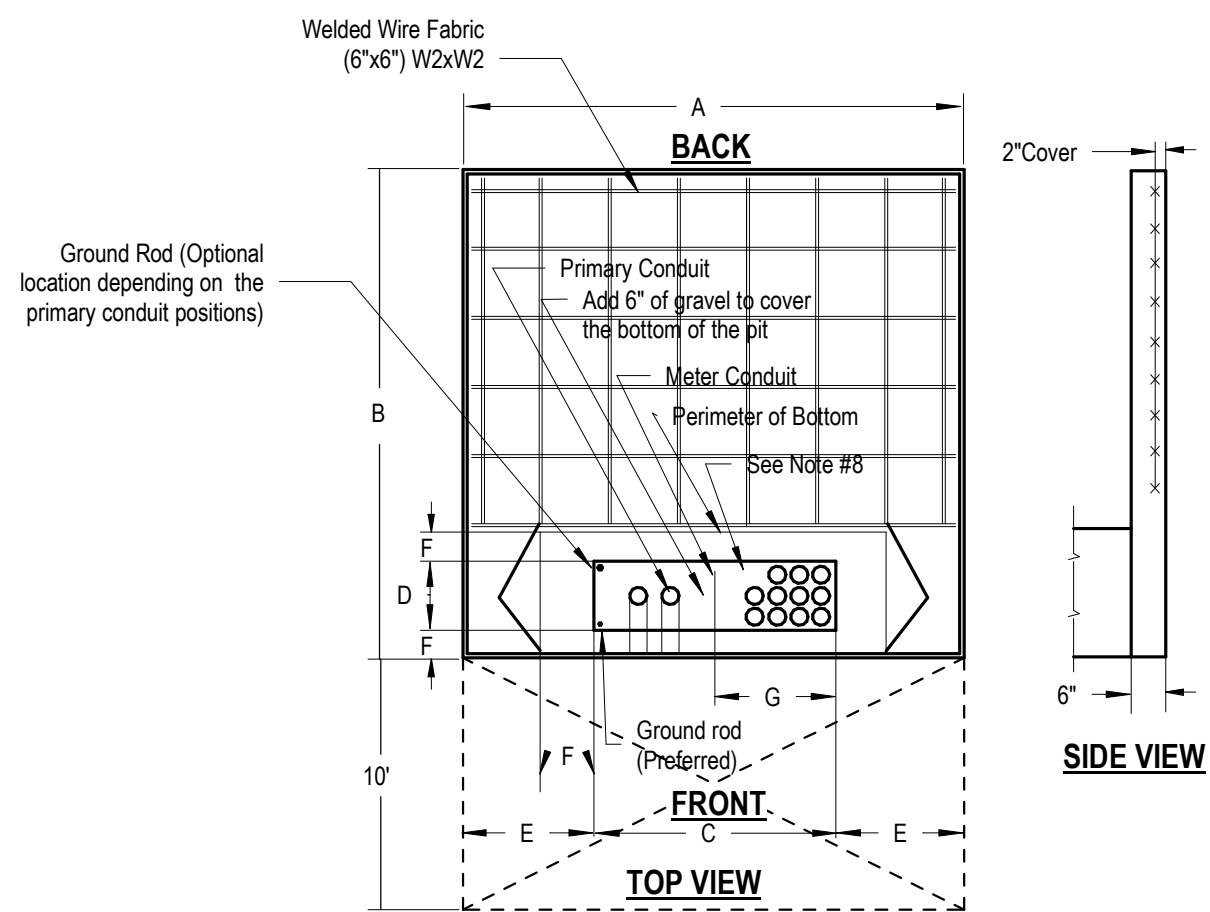
C

B

A

TRANSFORMER PAD DIMENSIONS (IN INCHES)

KVA	A	B	C	D	E	F	G
SMALL UP TO 300	82	66	86	22	8	6	30
LARGE 500 & ABV	98	104	70	28	14	8	32



GENERAL

The "pit box" pad should be installed as specified by Engineering for a three phase transformer. The "pit box" will provide greater clearances for better cable training of the primary and secondary cables.

RESPONSIBILITIES

THE CUSTOMER

1. Customer to contact Duke Project Engineer to inspect pad forms prior to concrete being poured.
2. Customer shall supply concrete mix as shown in the concrete mix specifications, welded wire fabric, #4 reinforcing bars and pour the "pit box" pad.
3. The dimensions are listed under the three phase padmounted transformer dimensions. The thickness of walls of the "pit box" should be a minimum of 5 1/2".
4. The "pit box" pad shall be located so that a minimum of 10 feet of clearance is maintained on the front side of the pad and a minimum of 3 feet of clearance on the other sides. No other obstacles of any type shall be located within these areas. (Refer to Padmount Building Clearances Standards)
5. When a transformer is installed in a vault, Customer shall install the 1" meter conduit if required from the pit pad to a location determined by Duke's project engineer. NOTE: The conduit bends will need to be cut to meet the dimensions listed.
6. Customer shall install his service conduits similar to the primary conduits. A separate secondary buss enclosure is required whenever the customer is installing more than (10) 600MCM or smaller con- ductors per phase, or more than (8) conductors per phase that are larger than 600MCM.
7. WARNING: The customer's conduit can be installed at this level provided his switchgear is not below grade. Also, the customer's conduit can be installed in the side of the pit, provided his switchgear is not below grade. If the customer's switchgear is below grade then the secondary conduit should be installed flush with the top of the concrete pad to prevent water from entering the customer's switchgear.
8. Customer's secondary conduit, this area is limited to "G" by "D" dimensions.

Note: Temporarily cap the conduit when the 6" of gravel fill is installed.

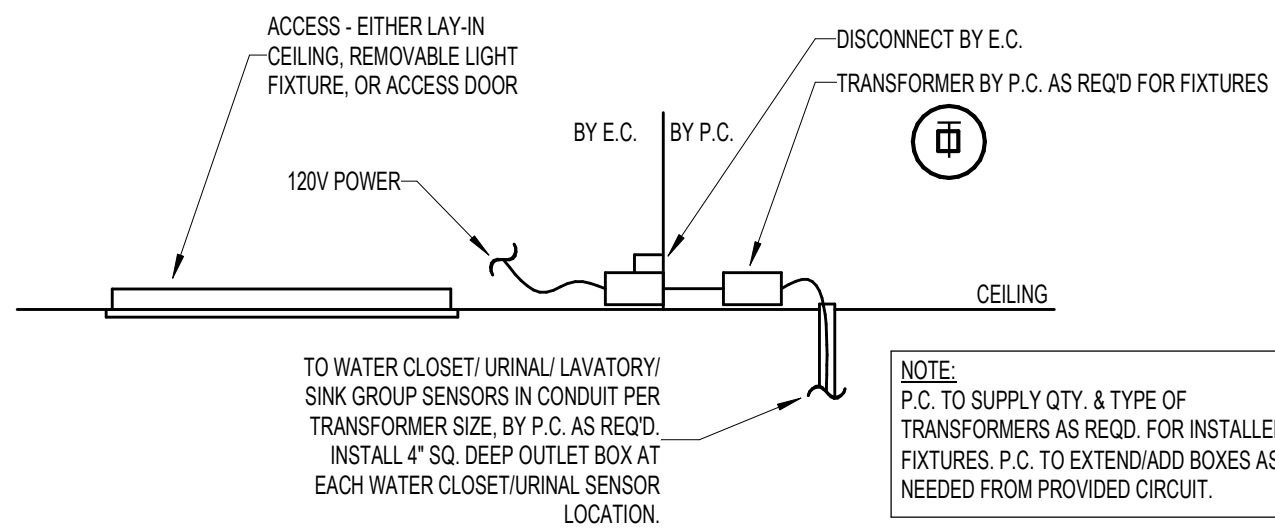
DUKE POWER

1. Duke supplies & installs the ground rod (I.D. #0147-0226), ground rod clamp (I.D. #0140-0400), conduits and bends.
2. Install #2 bare stranded copper (I.D. #0101-0227) from the transformer grounding bus to the ground rod using a #2 split bolt (I.D. #0140-0205).

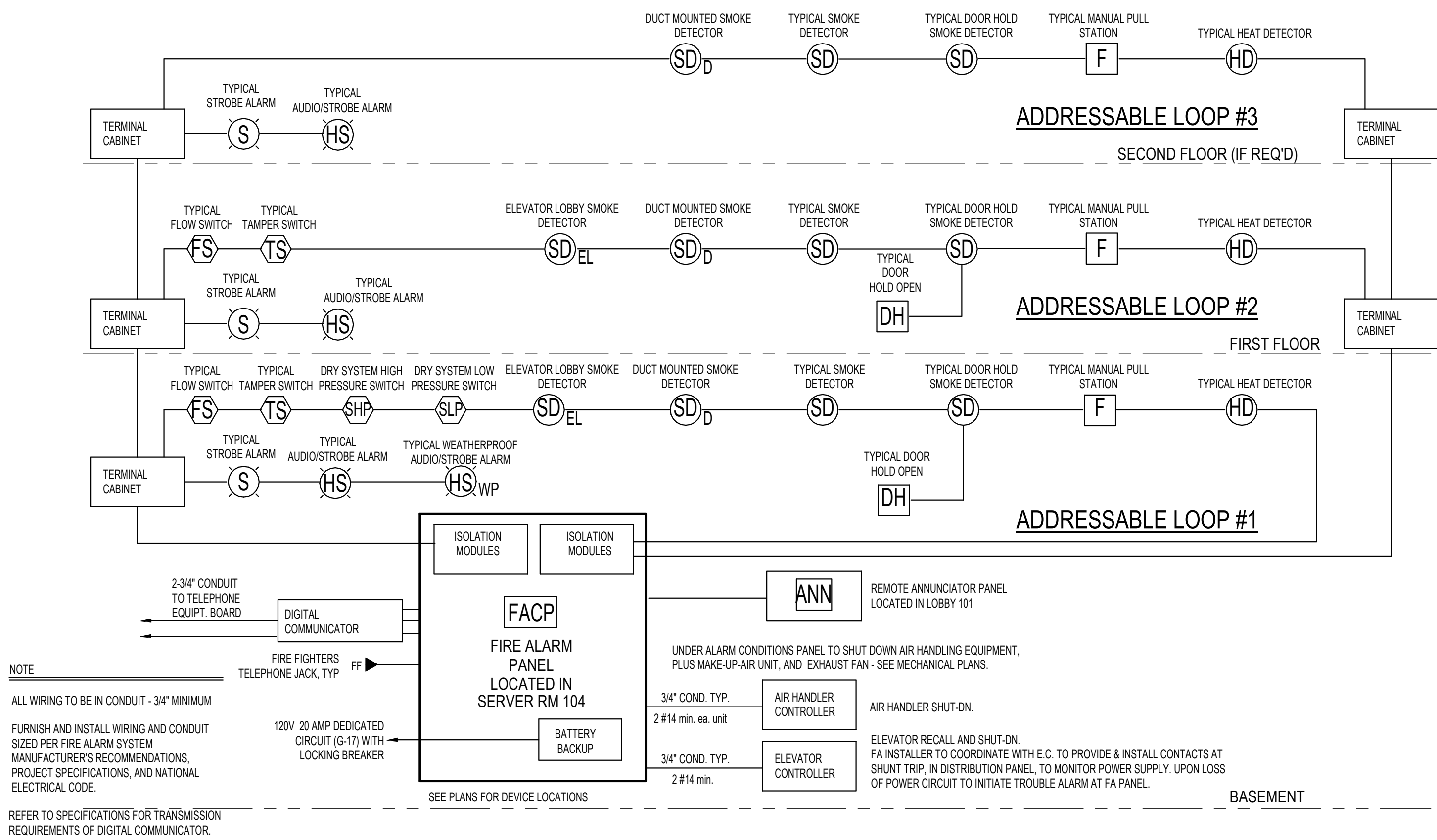
E.C. TO REVIEW DUKE ENERGY 3-PHASE PADMOUNT TRANSFORMER CONCRETE FOUNDATION SPECIFICATIONS' PRIOR TO BEGINNING TO ENSURE COMPLIANCE WITH LATEST DUKE ENERGY REQUIREMENTS.
<http://www.duke-energy.com/pdfs/PadTransformerConcreteFoundSpec.pdf>

UTILITY TRANSFORMER PAD MOUNTING DETAIL NTS

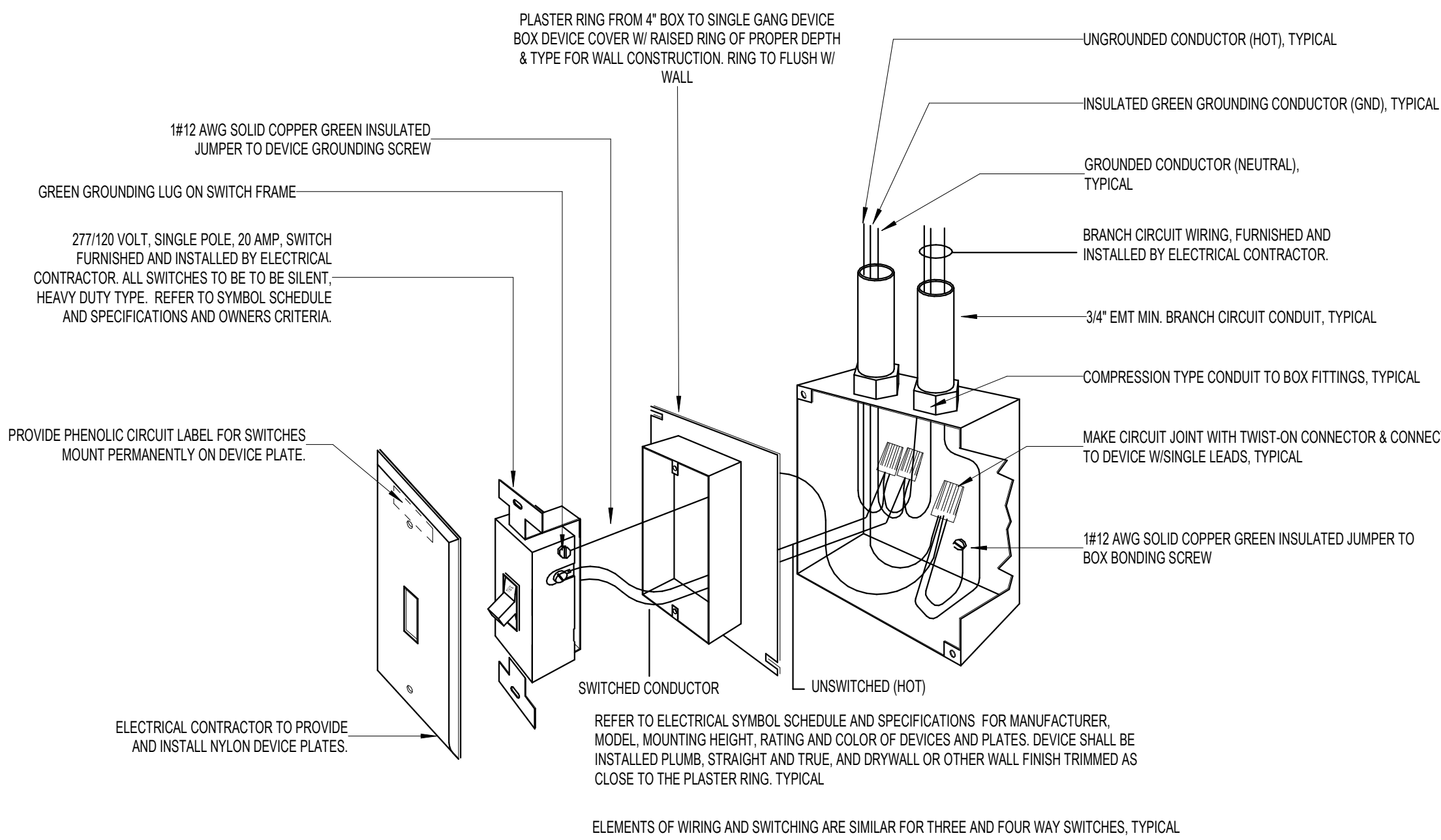
NOTE:
WATER CLOSET FLUSH VALVE SENSOR TRANSFORMERS AND LAVATORY FAUCET
SENSOR TRANSFORMERS ARE DIFFERENT. SEE PLUMBING FIXTURE SCHEDULE
FOR MODEL NUMBERS. SEE PLANS FOR TRANSFORMER LOCATIONS.



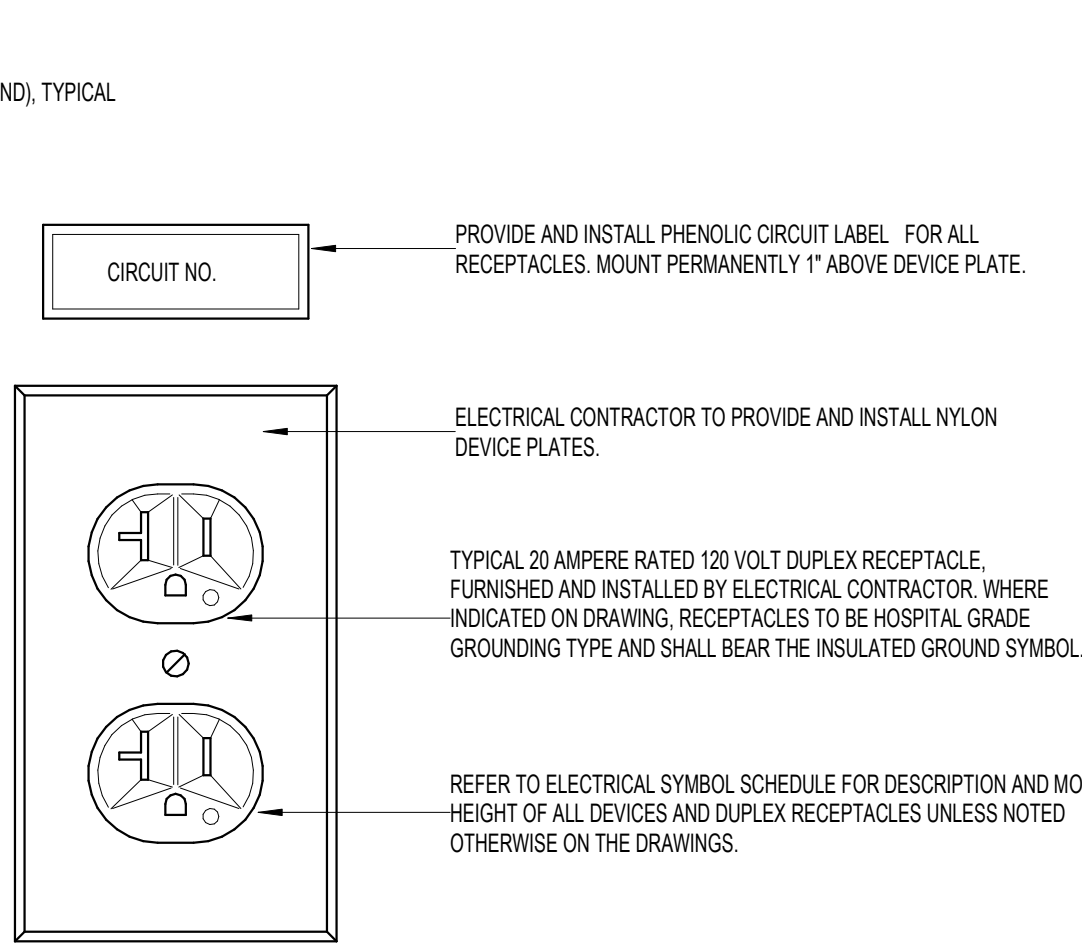
8 Toilet Fixture Sensor Transformer Detail NTS



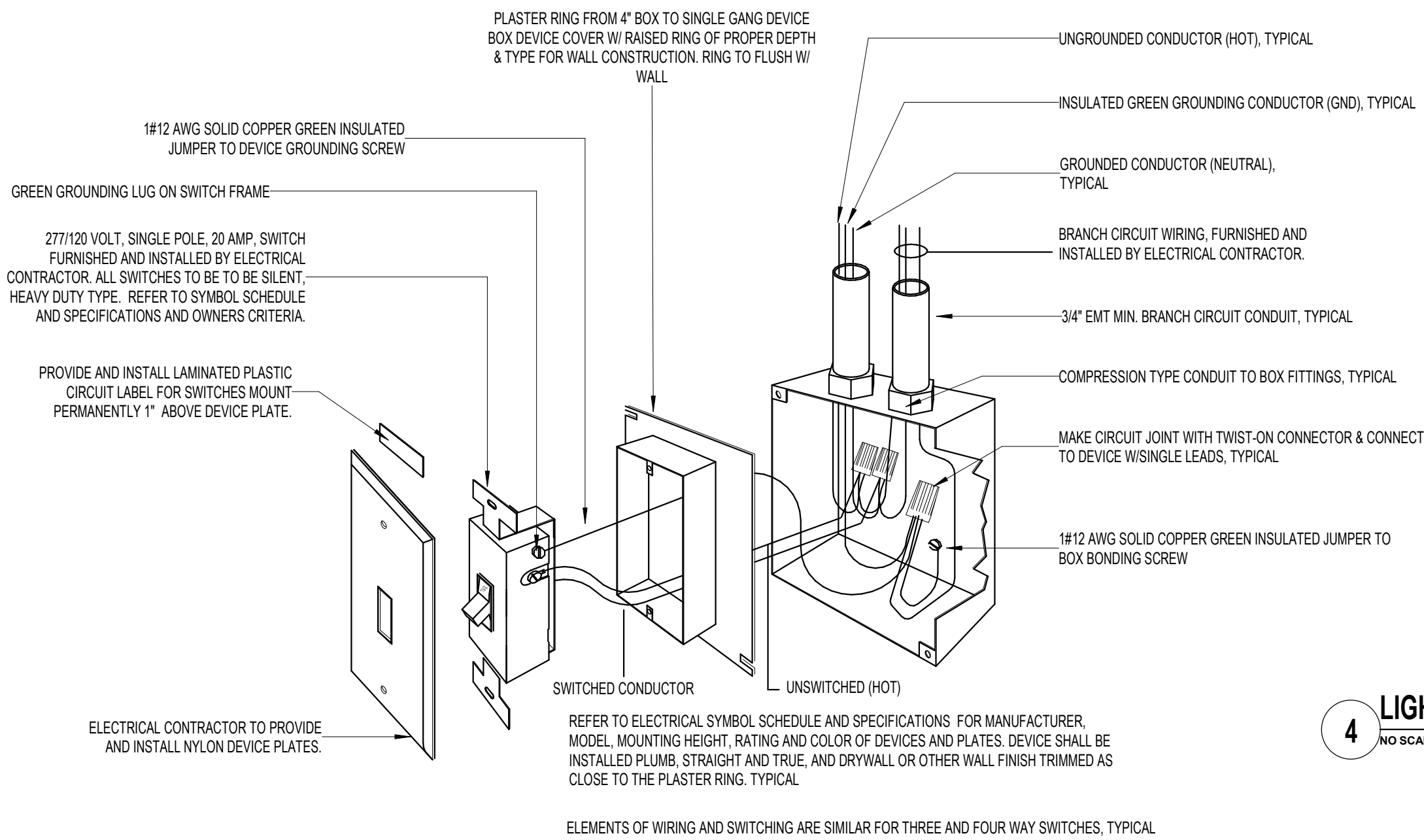
5 FIRE ALARM RISER DIAGRAM NTS



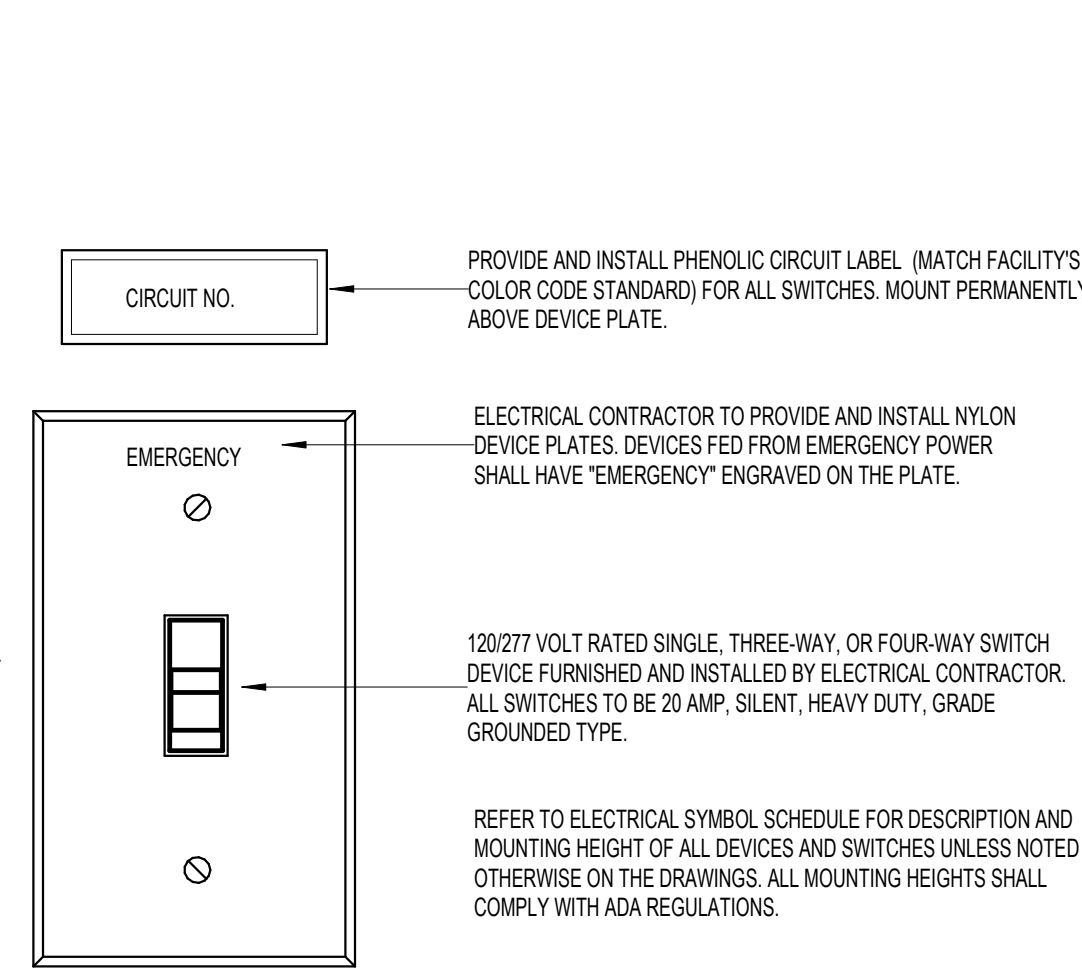
7 Typical Switch & Wiring Detail NTS



2 120 VOLT RECEPTACLE DEVICE PLATE DETAIL NO SCALE



3 TYPICAL SWITCH & WIRING DETAIL NO SCALE



4 LIGHT SWITCH DEVICE PLATE DETAIL NO SCALE

1 120 VOLT RECEPTACLE WIRING AND GROUNDING DETAIL NO SCALE

CREECH & ASSOCIATES

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www.creechassociates.com

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MAILING ADDRESS: 1000 W. MOREHEAD ST., SUITE 120
NC 28101 CERT. NO. C-0019
C-3057 WWW.RNMENGINEERS.COM



CANTON TOWN HALL

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ELECTRICAL DETAILS

E2.11

D

EXISTING PANEL: C

LOCATION: 2nd FLR HALL				VOLTS: 120/240				A.I.C. RATING: 100A				PHASES: 1				MAINS TYPE: LUGS			
SUPPLY FROM: MDP				PHASES: 1				MAINS RATING: 100A				WIRES: 3				NEUTRAL RATING: 100%			
MOUNTING: SURFACE				BRANCH: NORMAL															
ENCLOSURE: NEMA 1																			
CKT	DESCRIPTION	WIRE	COND	BKR	A	B	C	BKR	COND	WIRE	DESCRIPTION	CKT							
1	OFFICE LIGHTS	(EXISTING)		1-20 A	.kVA	.kVA		1-20 A	(EXISTING)		OFFICE RECEPTACLE	2							
3	HALL LIGHTS	(EXISTING)		1-20 A				1-20 A	(EXISTING)		OFFICE RECEPTACLE	4							
5	CONFERENCE LIGHTS	(EXISTING)		1-20 A			kVA	kVA	(EXISTING)		OFFICE RECEPTACLE	6							
7	BATHROOMS	(EXISTING)		1-20 A	.kVA	.kVA		1-20 A	(EXISTING)		OFFICE RECEPTACLE	8							
9	PHONE BOARD	(EXISTING)		1-20 A				1-20 A	(EXISTING)		OFFICE RECEPTACLE	10							
11	BREAKROOM RECP.	(EXISTING)		1-20 A			kVA	kVA	(EXISTING)		REFRIGERATOR	12							
13	(NO LABEL)	(EXISTING)		1-20 A	.kVA	.kVA		1-20 A	(EXISTING)		BREAKROOM RECP.	14							
15	CONFERENCE ROOM	(EXISTING)		1-20 A				1-20 A	(EXISTING)		MICROWAVE	16							
17	(NO LABEL)	(EXISTING)		1-20 A			kVA	kVA	1-20 A	(EXISTING)	BREAKROOM RECP.	18							
19	PROJECTOR CONF. ROOM	(EXISTING)		1-20 A	.kVA	.kVA		1-20 A	(EXISTING)		OFFICE RECP.	20							
21	(NO LABEL)	(EXISTING)		1-20 A			kVA	kVA	1-20 A	(EXISTING)	HALL RECP.	22							
23	OFFICE RECP.	(EXISTING)		1-20 A				1-20 A	(EXISTING)		(NO LABEL)	24							
25	BREAKROOM RECP.	(EXISTING)		1-20 A	.kVA	.kVA		1-20 A	(EXISTING)		(NO LABEL)	26							
27	SPACE ONLY	(EXISTING)		S.O.			kVA	kVA	1-20 A	(EXISTING)	CONFERENCE ROOM	28							
29	SPACE ONLY	(EXISTING)		S.O.				kVA	0.4kVA	1-16 A	3/4"	3/16"	29						
EXISTING LOAD					.kVA			kVA					30						
ADDED LOAD									0.4 kVA										
LEGEND: * = INCLUDES GROUND WIRE; ** = GFCI BREAKER; *** = LOCKING HANDLE; **** = SHUNT TRIP BREAKER																			
NOTES: *ALL CONDUIT TO BE 3/4" EMT; *ALL SPARES TO BE 1P-20																			
REUSE EXISTING BREAKERS AS PRACTICAL, ADD OR REPLACE AS REQUIRED TO PROVIDE INDICATED CIRCUIT PROTECTION, MATCH EXISTING PANELBOARD CHARACTERISTICS, INCLUDING TYPE, MANUFACTURER AND KAIC RATINGS. UPDATE PANEL SCHEDULE. PROVIDE HARCH CIRCUIT BREAKERS FOR RTUS.																			



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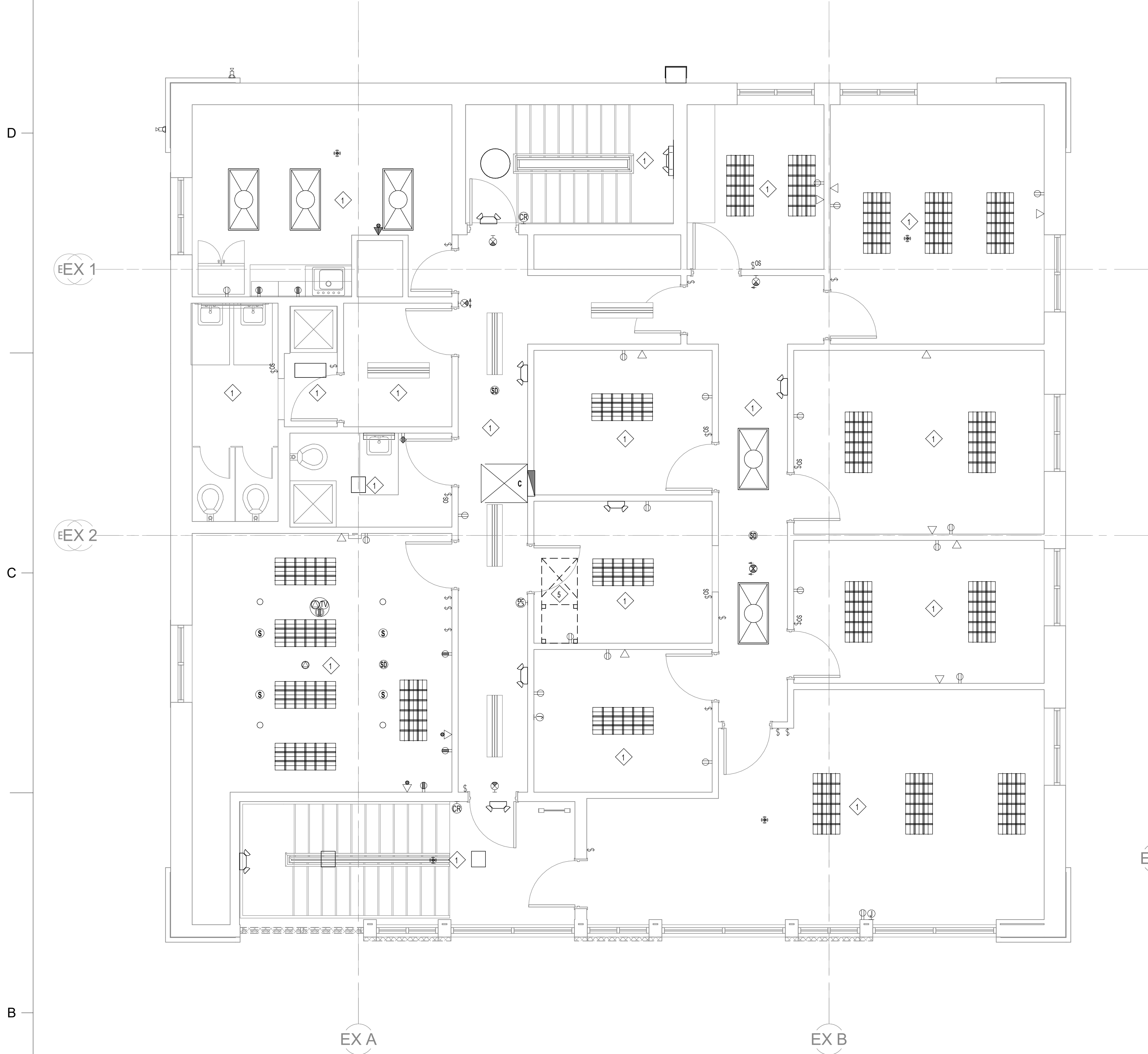
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ELECTRICAL
BASEMENT & SECOND
FLOOR DEMOLITION
PLANS

ED1.11

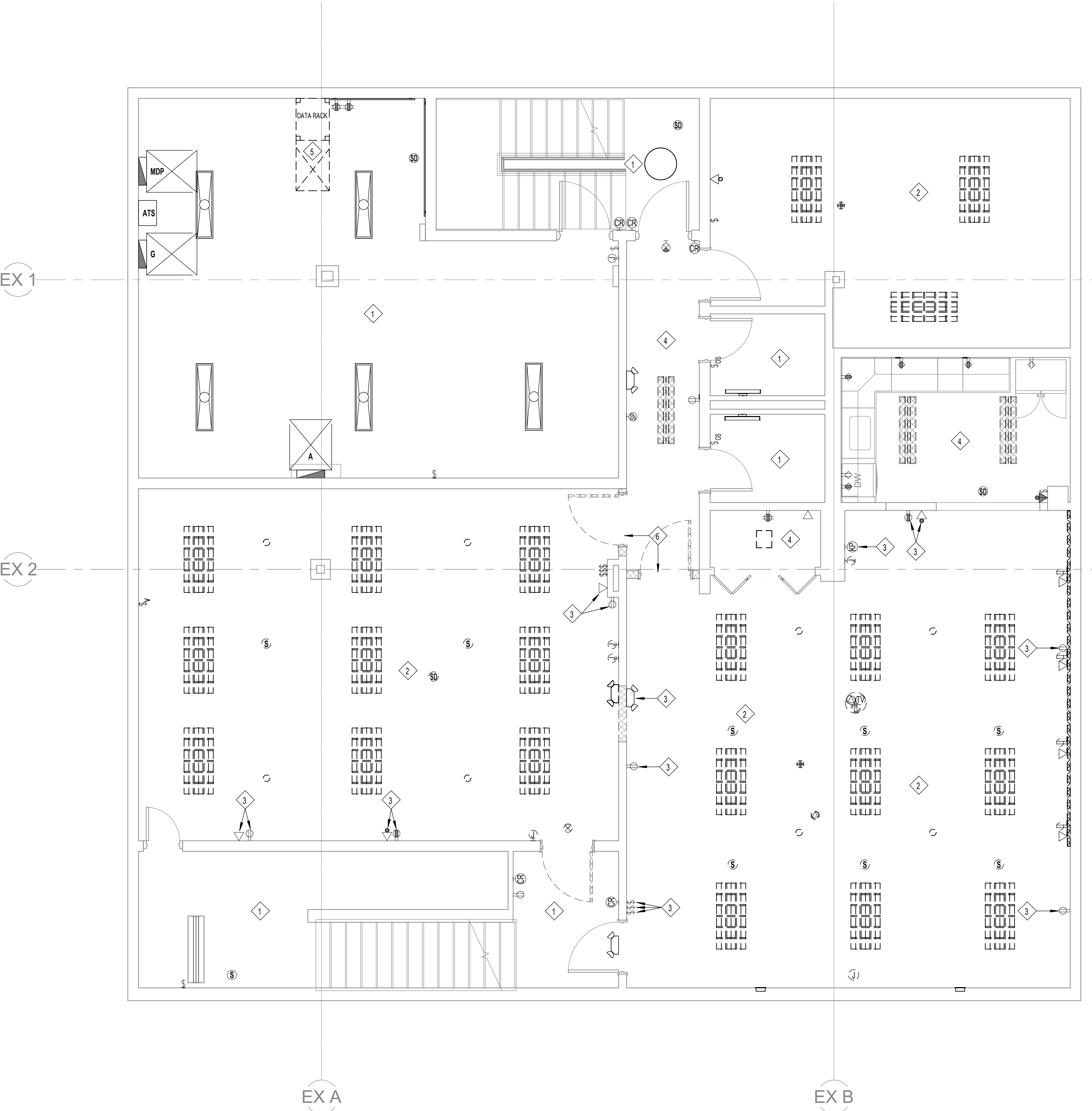


2 SECOND FLOOR DEMOLITION PLAN
1/4" = 1'-0"

KEYED ELECTRICAL DEMOLITION NOTES - SECOND FLOOR

APPLY TO THIS SHEET ONLY

- 1 NO WORK THIS AREA/ROOM, OTHER THAN DEVICES SPECIFICALLY NOTED.
- 2 THIS AREA/ROOM - REMOVE ALL ELECTRICAL DEVICES UNLESS NOTED OTHERWISE. REMOVE EXISTING WIRING & CONDUIT TO SOURCE. ALL REMAINING DEVICES ON THE SAME CIRCUIT(S) ARE TO REMAIN IN OPERABLE CONDITION. FOR LIGHTING, EXISTING WIRING & CONDUIT TO REMAIN FOR RE-USE. COORDINATE LOCATIONS WITH NEW LIGHTING PLANS.
- 3 EXISTING ELECTRICAL DEVICE TO REMAIN. CLEAN & REPAIR OR REPLACE AS NECESSARY FOR PROPER OPERATION.
- 4 THIS AREA/ROOM - REMOVE ALL CEILING MOUNTED LIGHT FIXTURES. EXISTING SWITCH/LEG, WIRING & CONDUIT TO REMAIN FOR NEW REPLACEMENT LED FIXTURE & NEW LAYOUT. ALL OTHER REMAINING ELECTRICAL DEVICES IN THIS AREA/ROOM ARE TO REMAIN, UNLESS NOTED OTHERWISE. CLEAN & REPAIR OR REPLACE THESE DEVICES AS NECESSARY FOR PROPER OPERATION.
- 5 PREVIOUS DATA RACK LOCATION - DEVICE TO BE REMOVED BY PRIOR BUILDING OWNER. LOCATION SHOWN FOR REFERENCE.
- 6 WALL SECTION TO BE DEMOLISHED. REMOVE ALL ELECTRICAL DEVICES (IF ANY) WITHIN AREA OF DEMOLITION. REMOVE WIRING & CONDUIT TO SOURCE. ALL REMAINING DEVICES ON THE SAME CIRCUIT(S) ARE TO REMAIN IN OPERABLE CONDITION. COORDINATE SCOPE OF WALL DEMOLITION WITH ARCHITECTURAL PLANS PRIOR TO WORK.



1 BASEMENT DEMOLITION PLAN
1/4" = 1'-0"

D

C

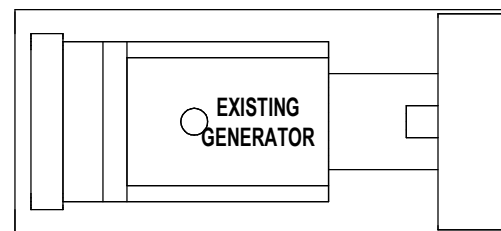
B

A

KEYED ELECTRICAL DEMOLITION NOTES - SECOND FLOOR

- APPLY TO THIS SHEET ONLY
- NO WORK THIS AREAROOM, OTHER THAN DEVICES SPECIFICALLY NOTED.
 - THIS AREAROOM - REMOVE ALL ELECTRICAL DEVICES UNLESS NOTED OTHERWISE. REMOVE EXISTING WIRING & CONDUIT TO SOURCE. ALL REMAINING DEVICES ON THE SAME CIRCUIT(S) ARE TO REMAIN IN OPERABLE CONDITION. FOR LIGHTING, EXISTING WIRING & CONDUIT TO REMAIN FOR RE-USE. COORDINATE LOCATIONS WITH NEW LIGHTING PLANS.
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 - THIS AREAROOM - REMOVE ALL CEILING MOUNTED LIGHT FIXTURES. EXISTING SWITCHES, WIRING & CONDUIT TO REMAIN FOR NEW REPLACEMENT LED FIXTURE. ALL OTHER REMAINING ELECTRICAL DEVICES IN THIS AREAROOM ARE TO REMAIN, UNLESS NOTED OTHERWISE. CLEAN & REPAIR OR REPLACE THESE DEVICES AS NECESSARY FOR PROPER OPERATION.
 - PREVIOUS DATA RACK LOCATION - DEVICE TO BE REMOVED BY PRIOR BUILDING OWNER. LOCATION SHOWN FOR REFERENCE.
 - WALL SECTION TO BE DEMOLISHED. REMOVE ALL ELECTRICAL DEVICES (IF ANY) WITHIN AREA OF DEMOLITION. REMOVE WIRING & CONDUIT TO SOURCE. ALL REMAINING DEVICES ON THE SAME CIRCUIT(S) ARE TO REMAIN IN OPERABLE CONDITION. COORDINATE SCOPE OF WALL DEMOLITION WITH ARCHITECTURAL PLANS PRIOR TO WORK.
 - EXISTING EXTERIOR LIGHT FIXTURE TO BE REMOVED. REMOVE EXISTING WIRING & CONDUIT TO SOURCE. ALL REMAINING DEVICES ON THE SAME CIRCUIT(S) ARE TO REMAIN IN OPERABLE CONDITION.
 - EXISTING ELECTRICAL PANEL TO BE REMOVED & RELOCATED. SEE NEW POWER PLANS FOR NEW LOCATION. EXTEND EXISTING WIRING & CONDUIT AS REQUIRED.
 - EXISTING SECURITY PANEL TO BE REMOVED & RELOCATED. SEE NEW POWER PLANS FOR NEW LOCATION. EXTEND EXISTING WIRING & CONDUIT AS REQUIRED.
 - REMOVE ELECTRICAL DEVICE. REMOVE EXISTING WIRING & CONDUIT TO SOURCE. ALL REMAINING DEVICES ON THE SAME CIRCUIT(S) ARE TO REMAIN IN OPERABLE CONDITION.

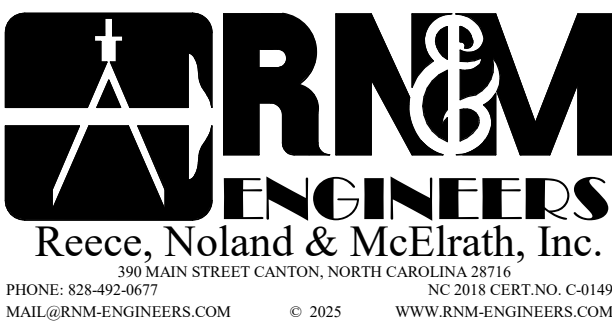
1 FIRST FLOOR DEMOLITION PLAN
1/4" = 1'-0"



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ELECTRICAL FIRST FLOOR DEMOLITION PLAN

ED1.12