



# **GLASTONBURY TOWN HALL**

**New Entry Addition  
2155 Main Street,  
Glastonbury, CT  
GL-2017-39**

**ID3A JOB NUMBER 146.02.001**

**ISSUED FOR BID: JULY 19, 2017**

ARCHITECT

**id3A, LLC**  
655 WINDING BROOK DRIVE  
GLASTONBURY, CT 06033  
P: 860-657-2500

STRUCTURAL ENGINEER

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MEP ENGINEER

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collaborative

adaptive

innovative



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### BUILDING CODE INFO

<b>1. CODES TO WHICH THIS PROJECT WAS DESIGNED</b>	
INTERNATIONAL BUILDING CODE	2012
INTERNATIONAL EXISTING BUILDING CODE	2012
INTERNATIONAL PLUMBING CODE	2012
INTERNATIONAL MECHANICAL CODE	2012
INTERNATIONAL ENERGY CONSERVATION CODE	2012
INTERNATIONAL FIRE CODE	2012
NATIONAL ELECTRICAL CODE	2014
STATE BUILDING CODE- CT SUPPLEMENT	2016
STATE FIRE SAFETY CODE - CT SUPPLEMENT	2016
ICC/ANSI A117.1	2009
<b>2. USE GROUP CLASSIFICATION (Chapter 3)</b>	
EXISTING	B BUSINESS
<b>3. CONSTRUCTION TYPE (Chapter 6)</b>	
EXISTING ORIGINAL BUILDING	III B
EXISTING ADDITION	II B
PROPOSED ADDITION	II B
<b>4. SPRINKLERS</b>	
100% SPRINKLERED	
<b>5. FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (Table 601)</b>	
STRUCTURAL FRAME	0 Hours
BEARING WALLS	
Exterior	0 Hours
Interior	0 Hours
NONBEARING WALLS & PARTITIONS - Table 602 (Exterior)	
Fire Separation Distance	
Less than 5 feet	1 Hour
5 feet or more, less than 10 feet	1 Hour
10 feet or more, less than 30 feet	0 Hours
30 feet or more	0 Hours
NONBEARING WALLS & PARTITIONS (Interior)	0 Hours
FLOOR CONSTRUCTION (Including beams & joists)	0 Hours
ROOF CONSTRUCTION (Including beams & joists)	0 Hours
<b>6. INTERIOR FINISH REQUIREMENTS (Table 803.9)</b>	
VERTICAL EXITS	CLASS B
EXIT ACCESS CORRIDORS	CLASS C
ROOMS/ENCLOSED SPACES	CLASS C

### ABBREVIATIONS

AB	ANCHOR BOLT
A/C	AIR CONDITIONING(ED)
ACT (ACT-)	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ARCH	ARCHITECT(URAL), ARCHITECT
BSMT	BASEMENT
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CPT (CPT-)	CARPET
CT (CT-)	CERAMIC TILE
DEMO	DEMOLISH, DEMOLITION
DET	DETAIL
DN	DIAMETER
DM	DIMENSION
DN	DOWN
DR	DOOR
DWG	DRAWING
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EM-	ENTRANCE MAT
ENCL	ENCLOSURE
FACP	FIRE ALARM CONTROL PANEL
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FLR (FLR-)	FLOOR, FLOORING
FLUOR	FLUORESCENT
FRTW	FIRE RETARDANT TREATED WOOD
FT	FOOT (FEET)
FTG	FOOTING
GYP	GYPSON
HM	HOLLOW METAL
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
IN	INCH(ES)
JAN	JANITOR
JT	JOINT
LB(S)	LEAD(S)
LF	LINEAR FOOT, (FEET)
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
MAX	MAXIMUM
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MISC	MISCELLANEOUS
MO	MASONRY OPENING
N	NORTH
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFD	OVERFLOW DRAIN
OPH	OPPOSITE HAND
PCC (PCC-)	PRE-CAST CONCRETE
PLAM	PLASTIC LAMINATE
PLAM(-)	PLYWOOD
PLYWD	PLYWOOD
PNT (PNT-)	PRESERVATIVE TREATED
PT	PT
R	THERMAL RESISTANCE
RB (RB-)	RUBBER BASE
REF	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REQD	REQUIRED
REV	REVISION
RO	ROUGH OPENING
SECT	SECTION
SF	SQUARE FOOT(FEET)
SIM	SIMILAR
SPEC	SPECIFICATION
S.S	STAINLESS STEEL
SSM (SSM-)	SOLID SURFACE MATERIAL
STC	SOUND TRANSMISSION CLASS
T/	TOP OF
T&B	TOP & BOTTOM
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VCT (VCT-)	VINYL COMPOSITION TILE
VIF	VERIFY IN FIELD
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET

### SYMBOLS LEGEND

**SHEET NUMBER**  
A-521

**BUILDING SECTION TAG**  
SECTION DESIGNATION  
SHEET NUMBER

**NORTH ARROW**  
NORTH  
TRUE NORTH

**VERTICAL ELEVATION**  
LEVEL 0'-0"

**SPOT ELEVATION**  
SECOND FLOOR  
EL. 18'-6"

**DATUM POINT**

**BREAK LINE**

**DRAWING TITLE**  
DRAWING TITLE  
XXX" = 1'-0"

**KEY NOTE**

**ROOM NAME AND NUMBER**  
ROOM NAME  
XXX  
Area

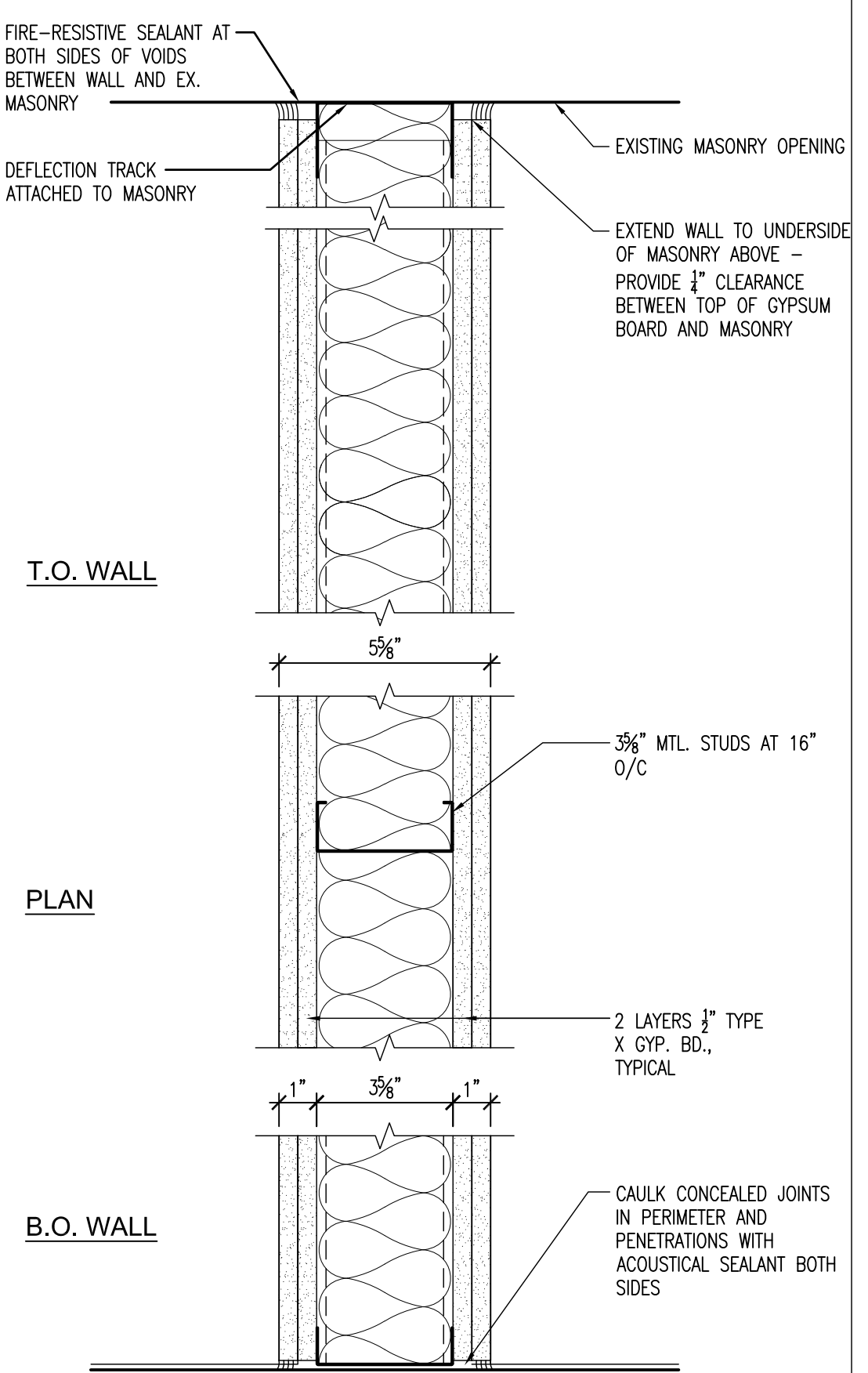
**DOOR NUMBER**  
DOOR NO., USE ROOM NO WITH DOOR MARK  
EXISTING DOOR & FRAME

**PARTITION TAG**

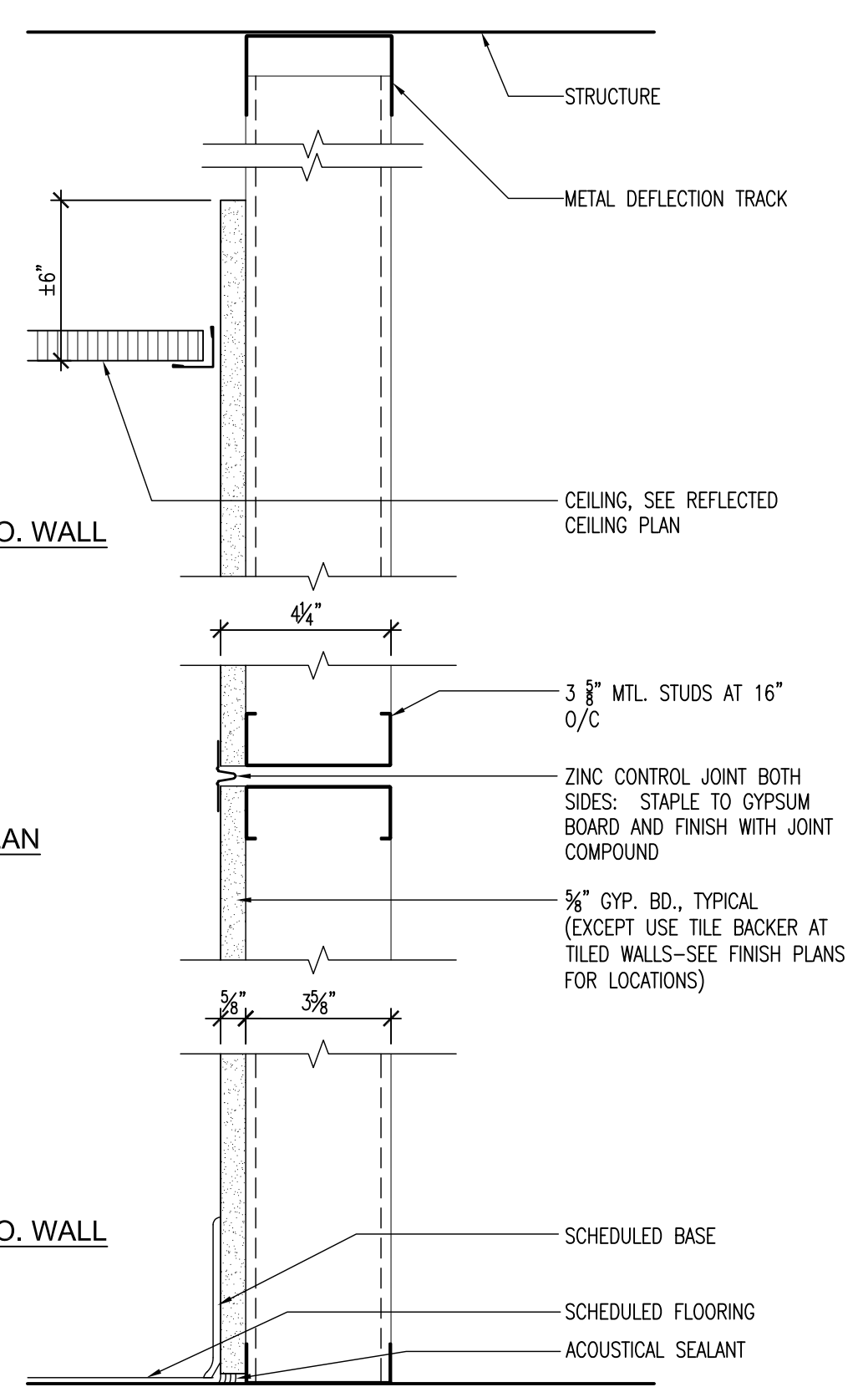
**MATERIALS**  
CONTINUOUS WOOD FRAMING  
WOOD BLOCKING  
FINISH WOODWORK  
PLYWOOD  
GYPSUM WALLBOARD  
BATT INSULATION  
GLAZING  
ACOUSTICAL CEILING BOARD

### GENERAL NOTES

- NOTES APPEAR ON VARIOUS DRAWINGS FOR DIFFERENT SYSTEMS AND MATERIALS. REVIEW ALL SHEETS AND APPLY NOTES TO RELATED BUILDING COMPONENTS.
- REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR OTHER APPLICABLE NOTES, ABBREVIATIONS, AND SYMBOLS.
- WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY ANOTHER SUBCONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
- ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
- PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF A PARTITION.
- OPENINGS IN RATED WALL, FLOOR, CEILING AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANTS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
- MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
- DO NOT SCALE THE DRAWINGS.
- FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER PROVIDED EQUIPMENT AND FURNISHINGS.
- PROVIDE STIFFENERS, BRACING, BACKING PLATES AND BLOCKING REQUIRED FOR SECURE INSTALLATION OF DOORS AND DOOR HARDWARE INCLUDING WALL-MOUNTED DOOR STOPS, MISCELLANEOUS EQUIPMENT, AND SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
- COORDINATE REMOVAL OF EXISTING SLIDING DOORS WITH OWNER. PROVIDE CONSTRUCTION PHASING AS REQUIRED TO ACCOMMODATE ACCESS AND EGRESS FROM THE BUILDING. DO NOT OBSTRUCT ACCESS TO EXISTING EXITS, OR REDUCE THE WIDTH OF PUBLIC STAIRS.
- FULLY LAY OUT WALL AND OPENING PLACEMENT PRIOR TO THE START OF CONSTRUCTION. VERIFY THAT DIMENSIONS ARE CONSISTENT WITH REQUIREMENTS INDICATED IN THE DOCUMENTS. REFER ANY DIMENSIONAL INCONSISTENCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO THE START OF PARTITION CONSTRUCTION.
- LEVEL FLOOR THAT EXCEEDS 1/4" VARIANCE IN A 10'-0" RADIUS.
- COORDINATE INSTALLATION OF DIFFUSERS, SPRINKLER HEADS, AND ACCESS PANELS WITH LIGHTING LAYOUT. REPORT ANY CONFLICTS TO THE ARCHITECT PRIOR TO INSTALLATION.
- EXIT SIGNS AND SMOKE DETECTORS LOCATED IN HARD CEILINGS SHALL BE POSITIONED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION AND SHALL BE LOCATED A DISTANCE OF 1'-0" FROM THE WALL TO THE CENTER OF THE FIXTURE UNLESS OTHERWISE NOTED.
- PROVIDE ACCESS PANELS IN GYPSUM BOARD CEILINGS AT LOCATIONS SHOWN, OR IF NOT SHOWN, AS REQUIRED TO ACCESS ALL MECHANICAL EQUIPMENT IN THE CEILING CAVITY REQUIRING NORMAL MAINTENANCE OR OPERATION, INCLUDING BUT NOT LIMITED TO CONSTANT AIR, OR VARIABLE AIR VOLUME BOXES, REHEAT COILS, VALVES, EXHAUST FANS, BALANCING DAMPERS, FIRE DAMPERS, SMOKE DAMPERS, FIRE/SMOKE DETECTORS, CLEAN OUTS, OR IF NOT SHOWN, AS REQUIRED TO ACCESS ALL MECHANICAL EQUIPMENT AND JUNCTION BOXES. SUBMIT LAYOUT OF ALL REQUIRED CEILING ELEMENTS, INCLUDING ACCESS PANELS, FOR ARCHITECTS' REVIEW PRIOR TO INSTALLATION. LOCATE EQUIPMENT AND VALVES TO MINIMIZE THE NEED FOR ACCESS PANELS.
- GANG MULTIPLE SWITCHES TOGETHER INTO ONE BOX WITH A SINGLE COVER PLATE WHENEVER POSSIBLE. MULTIPLE SWITCHES, WHICH CANNOT BE GANGED TOGETHER IN THE SAME BOX, SHALL BE LOCATED AS CLOSE TOGETHER AS POSSIBLE AND MOUNTED AT THE SAME HEIGHT.
- APPROVE FLOOR OUTLET LOCATIONS WITH ARCHITECT AND BUILDING MANAGEMENT PRIOR TO INSTALLATION.
- WALL OUTLETS SHALL BE INSTALLED AT 18" AFF UNLESS OTHERWISE NOTED. INSTALL SWITCH PLATES AT 42" AFF UNLESS OTHERWISE NOTED. ALL OUTLETS, SWITCH PLATES AND OTHER EXPOSED ELECTRICAL DEVICES TO BE WHITE.
- CAULK FLOOR AND WALL OUTLETS WITH AN ACOUSTIC SEALANT.



**2 PARTITION TYPE 2 - Window Infill**  
3" = 1'-0"  
2 HR RATED - UL: U412



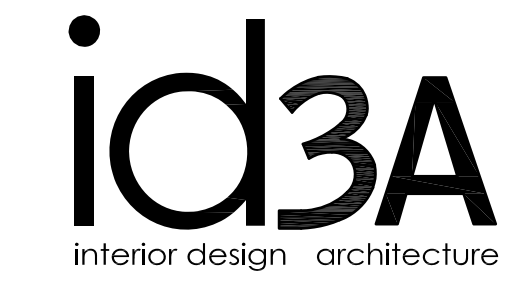
**1 PARTITION TYPE 1 - to 6\"/>**

**SYMBOLS**

&	AND
@	AT
x	BY
-C	CENTER LINE
°	DEGREE
Ø	DIAMETER
'	FEET
"	INCHES
%	PERCENT
±	PLUS OR MINUS

### DRAWING LIST

G-000	COVER
G-001	LIST OF DRAWINGS, GENERAL NOTES, SYMBOLS LEGEND, & ABBREVIATIONS
<b>ARCHITECTURAL</b>	
D-101	PARTIAL DEMO PLAN
A-101	PARTIAL FIRST FLOOR PLAN & PARTIAL ROOF PLAN
A-201	PARTIAL REFLECTED CEILING PLAN
A-301	EXTERIOR ELEVATIONS
A-401	BUILDING SECTIONS
A-410	SECTION DETAILS
A-411	SECTION DETAILS
A-420	PLAN DETAILS
<b>STRUCTURAL</b>	
S-100	GENERAL NOTES
S-200	FOUNDATION PLAN
S-201	ROOF FRAMING PLAN
S-210	COLUMN SCHEDULE & BASEPLATE DETAILS
S-300	TYPICAL DETAILS
S-400	SECTIONS
<b>MECHANICAL</b>	
M-1	TOWN HALL ENTRANCE PART PLAN - MECHANICAL DEMOLITION AND NEW WORK (NOT INCLUDED, TO BE PROVIDED BY OWNER UPON AWARD OF CONTRACT)
M-2	MECHANICAL SCHEDULES AND DETAILS (NOT INCLUDED, TO BE PROVIDED BY OWNER UPON AWARD OF CONTRACT)
M-3	MECHANICAL SPECIFICATIONS (NOT INCLUDED, TO BE PROVIDED BY OWNER UPON AWARD OF CONTRACT)
<b>ELECTRICAL</b>	
E-1	TOWN HALL ENTRANCE PART PLAN - ELECTRICAL DEMOLITION (NOT INCLUDED, TO BE PROVIDED BY OWNER UPON AWARD OF CONTRACT)
E-2	TOWN HALL ENTRANCE PART PLAN - LIGHTING AND POWER (NOT INCLUDED, TO BE PROVIDED BY OWNER UPON AWARD OF CONTRACT)
E-3	DETAILS AND SCHEDULES (NOT INCLUDED, TO BE PROVIDED BY OWNER UPON AWARD OF CONTRACT)



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2155 Main Street  
Glastonbury CT, 06033

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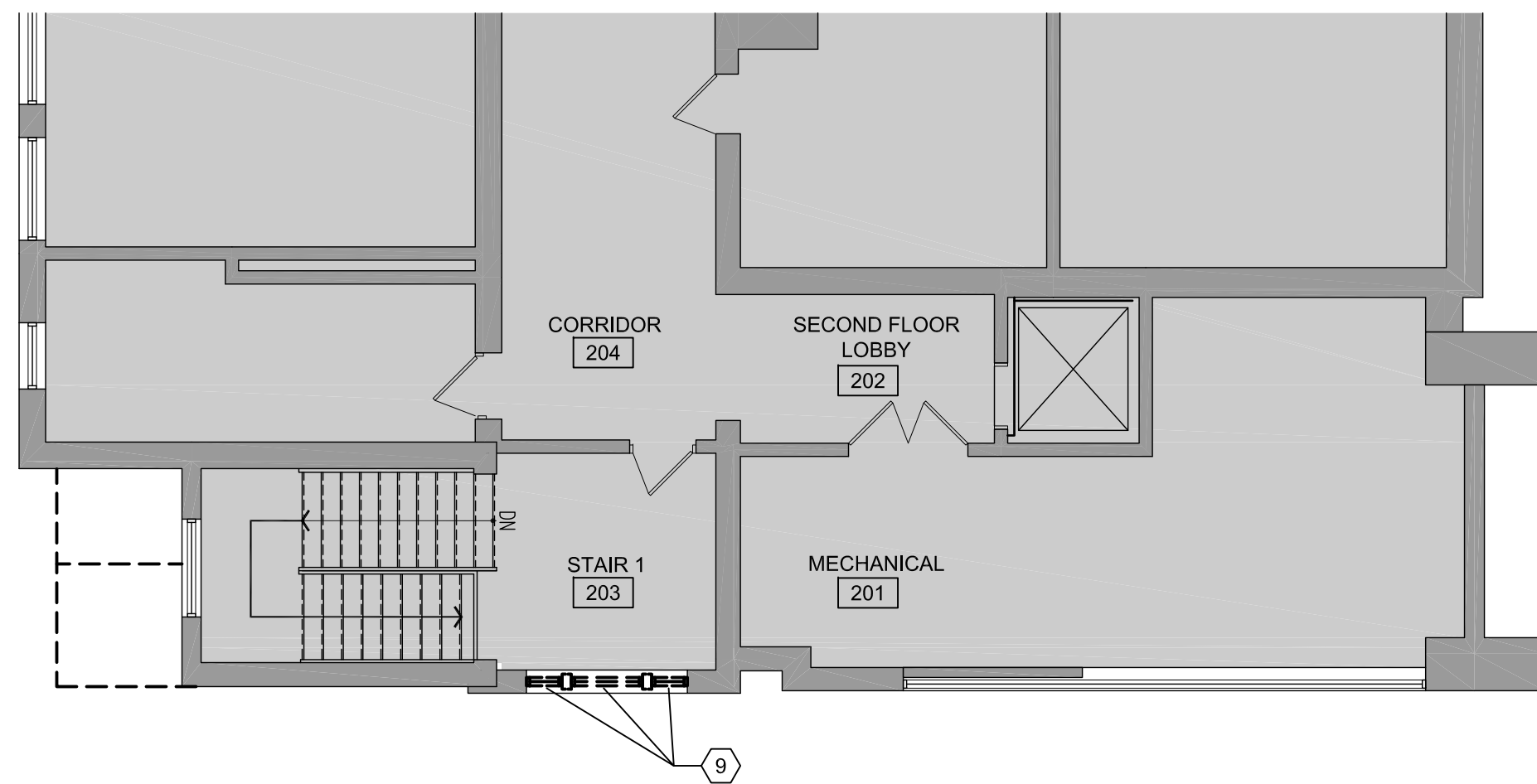
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Sheet Information		
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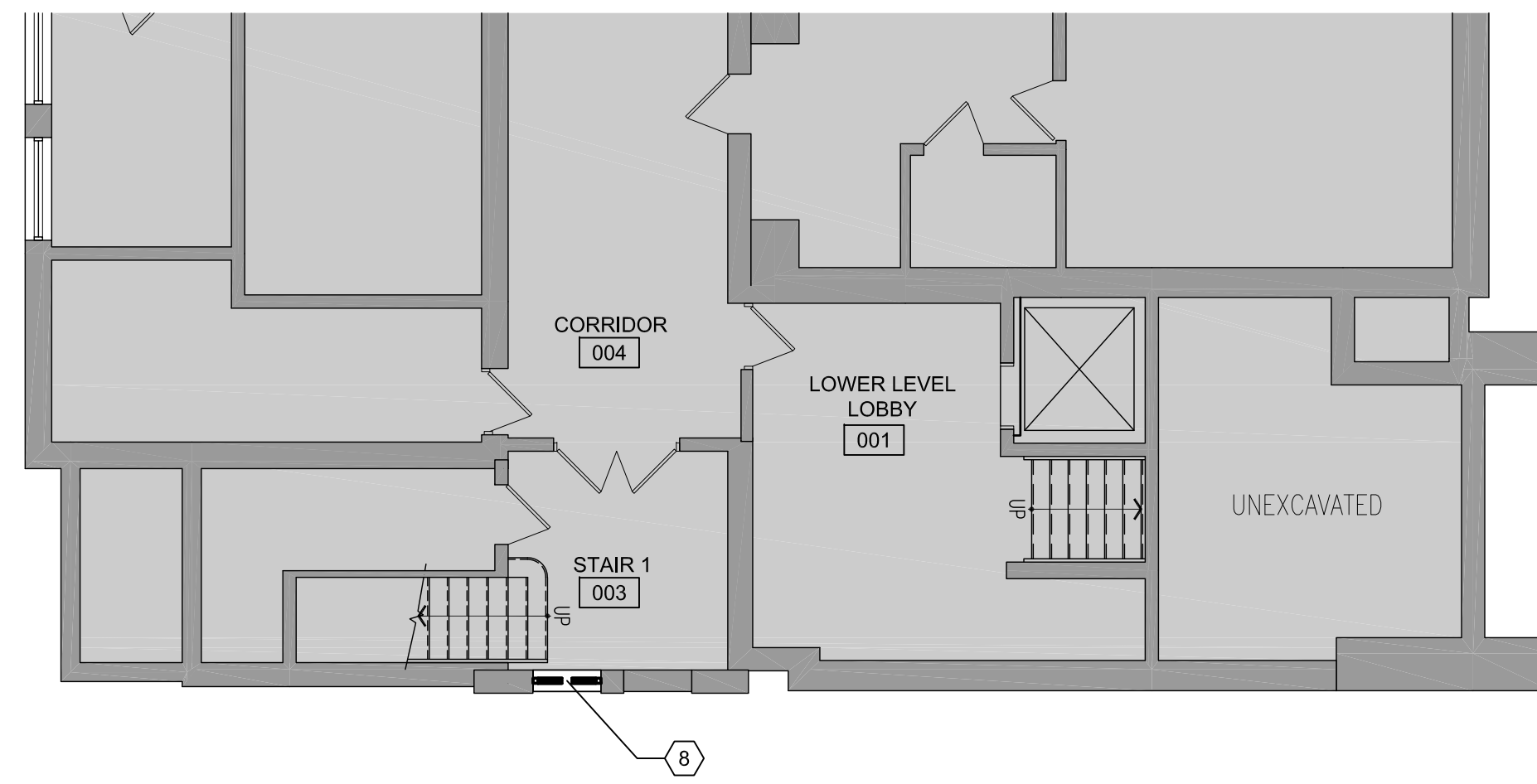
### LIST OF DRAWINGS, GENERAL NOTES, SYMBOLS, LEGENDS, & ABBREVIATIONS

Sheet

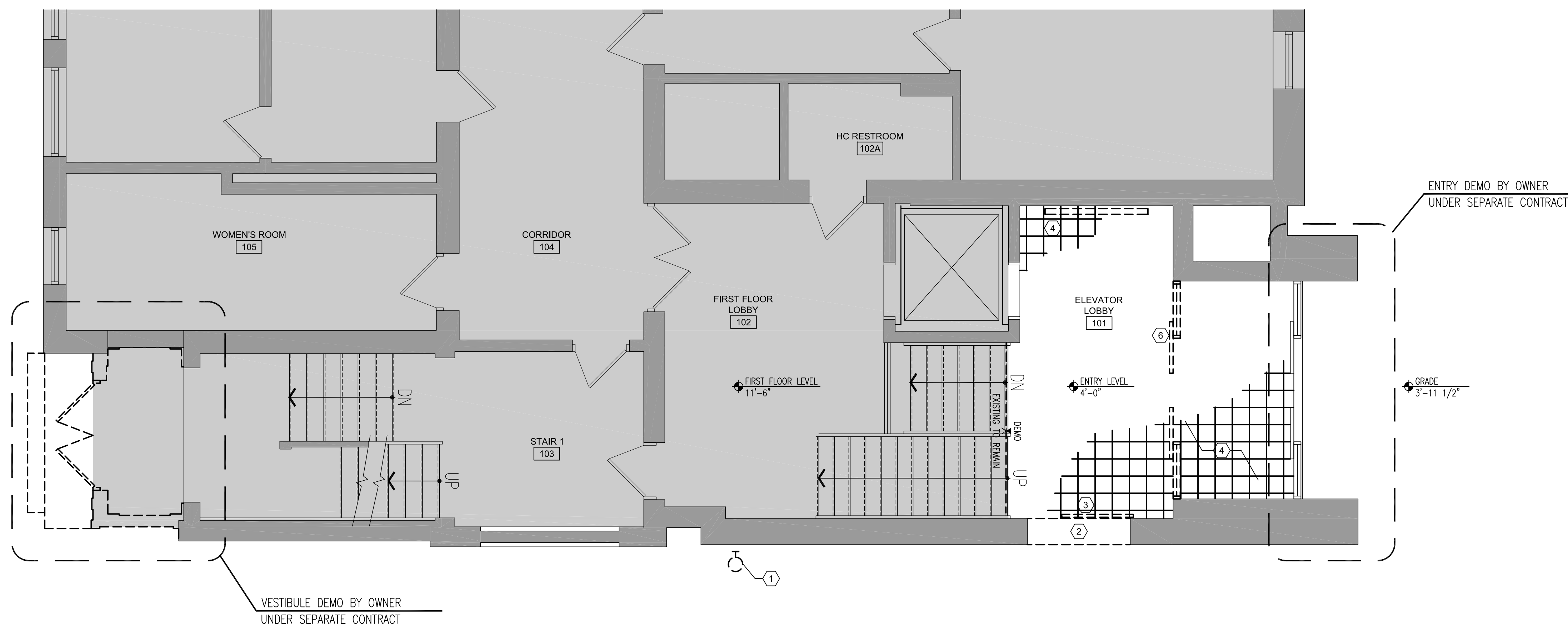
## G-001



**3** UPPER LEVEL DEMO PLAN  
1/8" = 1'-0"



**2** LOWER LEVEL DEMO PLAN  
1/8" = 1'-0"



**1** FIRST FLOOR DEMO PLAN  
1/4" = 1'-0"

**DEMOLITION PLAN NOTES**

- THE CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS AS REQUIRED TO COMPLETE THE DEMOLITION AND REMOVAL OF ALL ITEMS AS SHOWN OR NOTED ON THE ARCHITECT'S AND ENGINEER'S DRAWINGS.
- COORDINATE PROPOSED METHODS AND OPERATIONS WITH PROJECT MANAGER AND BUILDING MANAGEMENT PRIOR TO THE START OF DEMOLITION WORK INCLUDING COORDINATION FOR SHUT-OFF, CAPPING AND CONTINUATION OF UTILITY SERVICES AS REQUIRED.
- VERIFY AND COORDINATE ALL DIMENSIONS PRIOR TO BEGINNING WORK.
- ALL DEMOLITION IS TO BE COORDINATED AND PERFORMED BY THE APPROPRIATE TRADE. COORDINATE WORK WITH ALL PLANS, INCLUDING ELECTRICAL, HVAC, PLUMBING AND FIRE PROTECTION.
- UPON COMPLETION OF THE DEMOLITION WORK, THE CONTRACTOR SHALL LEAVE ALL AREAS BROOM CLEAN.
- COORDINATE REMOVAL OF ALL STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING RELATED ITEMS WITH ENGINEERING DOCUMENTS.
- COORDINATE ACCESS POINTS AND STAGING AREAS WITH OWNER.
- PROVIDE TEMPORARY CONSTRUCTION BARRIERS AS REQUIRED TO PROTECT ADJACENT AREAS FROM CONSTRUCTION DUST.
- SEE ENGINEERS DRAWINGS FOR REMOVAL OF EXISTING HVAC SYSTEMS, PLUMBING AND ELECTRICAL LINES.
- PORTIONS OF THE EXISTING BUILDING INCLUDING FINISHES, MECHANICAL AND ELECTRICAL WORK DISTURBED BY DEMOLITION OR NEW CONSTRUCTION SHALL BE REPAIRED AS REQUIRED AND RETURNED TO ITS ORIGINAL CONDITION OR BETTER. U.O.N.
- THE CONTRACTOR SHALL COORDINATE ALL TEMPORARY POWER REQUIREMENTS DURING RENOVATIONS. REFER TO ELECTRICAL DRAWINGS.
- DEFINITIONS:
  - REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE, UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.
  - REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND DELIVER THEM TO OWNER READY FOR REUSE.
  - REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE THEM FOR REUSE, STORE, OR REINSTALL THEM WHERE INDICATED.
  - EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED, REMOVED AND SALVAGED, OR REMOVED AND REINSTALLED.
- CONTRACTOR SHALL CONTACT OWNER OR ARCHITECT TO CONFIRM ANY ITEM NOT SPECIFICALLY NOTED ON PLAN. IF DISCREPANCY EXISTS; REMOVE AND SALVAGE ITEM FOR OWNER.
- SEE SPEC SECTION "SELECTIVE DEMOLITION" FOR PROTOCOL REQUIREMENTS IF HAZARDOUS MATERIALS SHOULD BE DISCOVERED DURING DEMOLITION.
- PROTECT OR SAVE EXISTING FIRE EXTINGUISHER CABINETS, FIRE PULL STATIONS AND EXIT SIGNS FOR RE-USE AS APPLICABLE FOR TURN OVER TO OWNER.
- FIREPROOF HOLES LEFT BY DEMOLITION TO MATCH FIRE RESISTANCE RATINGS OF EXISTING WALLS AND FLOORS.

**DEMOLITION PLAN LEGEND**

- EXISTING BASE BUILDING CONSTRUCTION TO REMAIN
- EXISTING PARTITION TO BE REMOVED
- EXISTING DOOR, DOOR FRAME AND HARDWARE TO REMAIN
- EXISTING DOOR, DOOR FRAME AND HARDWARE TO BE REMOVED UNLESS OTHERWISE NOTED
- DEMO EDGE OF FLOOR FINISH DEMOLITION EXISTING TO REMAIN
- INDICATES ALIGNMENT OF FINISHED SURFACES (EXIST) (NEW)

**DEMOLITION PLAN KEYNOTES**

- REMOVE EXISTING LIGHTING FIXTURE AND BACK BOX
- REMOVE EXISTING MASONRY WALL. PROVIDE SMOOTH SAWCUT AT EACH END. COORDINATE EXTENT OF DEMOLITION WITH FINISHED OPENING AS SHOWN ON A-101
- REMOVE AND SALVAGE EXISTING TOWN HALL PLAQUE. REINSTALL IN LOCATION AS DIRECTED BY THE OWNER.
- REMOVE EXISTING TILE FLOORING AND BASE.
- NOT USED
- REMOVE AND SALVAGE EXISTING SLIDING DOOR ASSEMBLY. DELIVER TO OWNERS STORAGE FACILITY
- NOT USED
- REMOVE EXISTING LOUVER, SEE MECHANICAL DRAWINGS
- REMOVE EXISTING WINDOW ASSEMBLY AND WOOD TRIM DOWN TO EXISTING MASONRY SURROUND

Revisions

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Title

**PARTIAL DEMO  
PLANS**

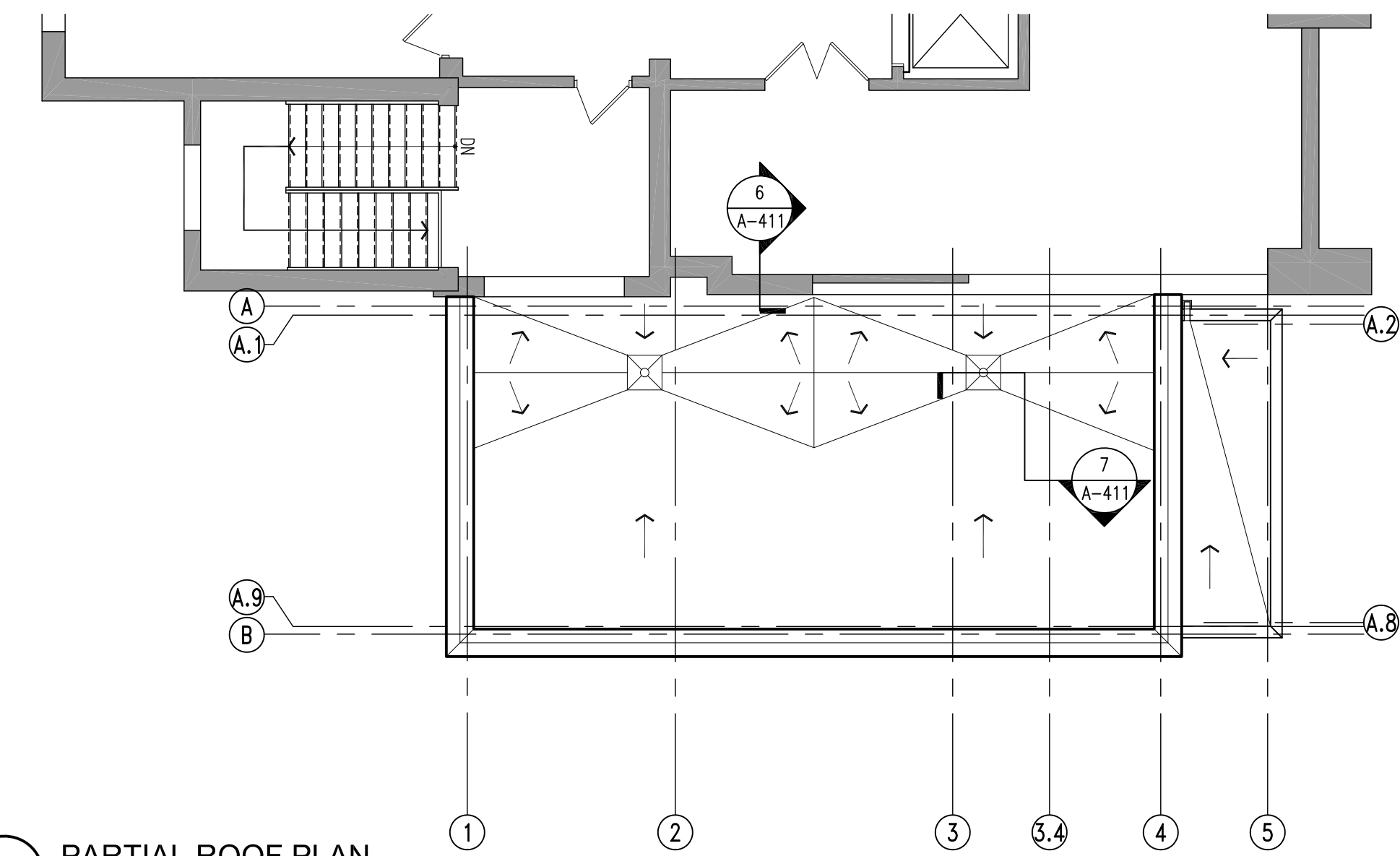
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**D-101**

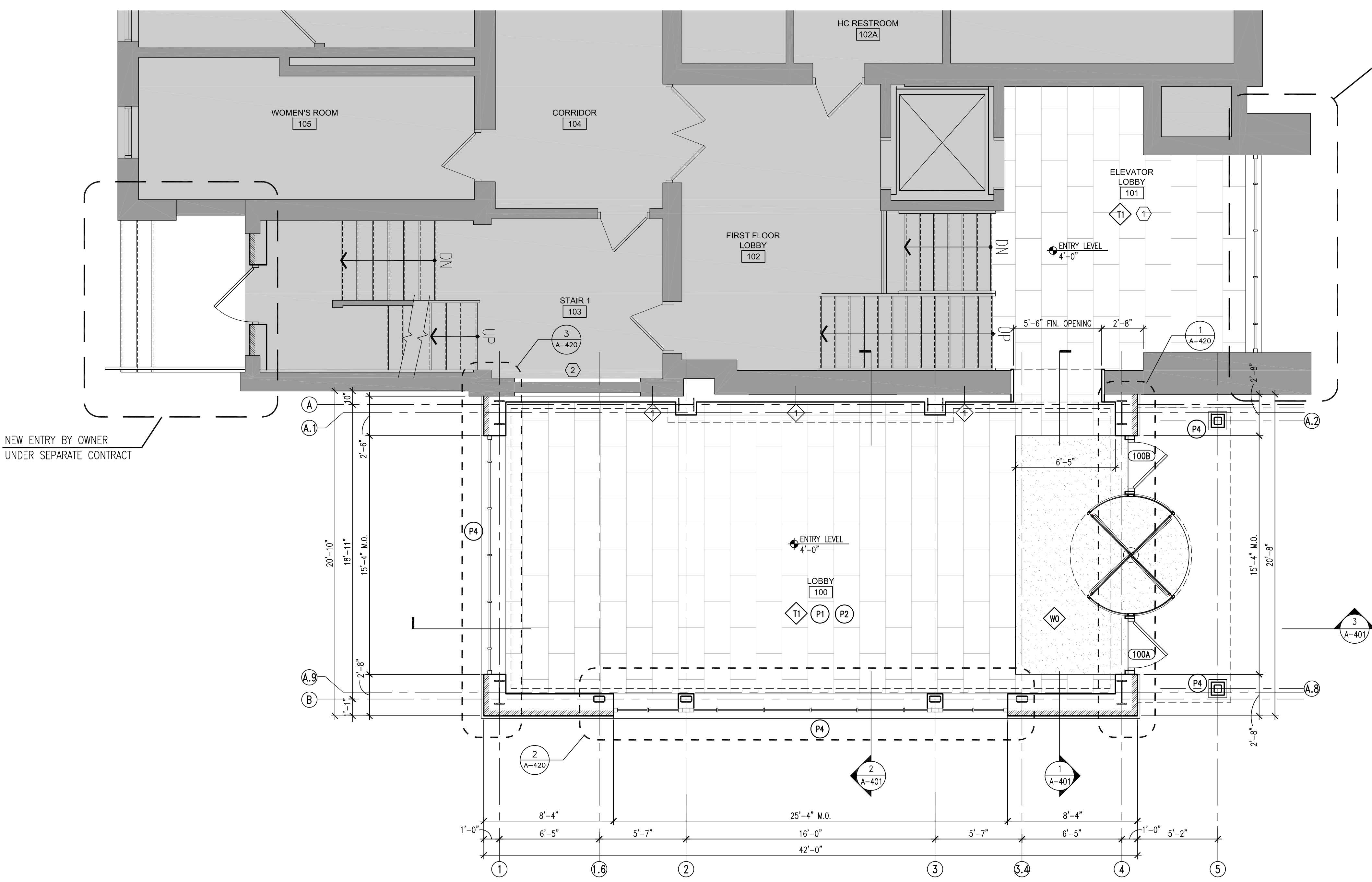




- WO** MFR: SHAW CONTRACT  
STYLE: PORTAL TILE 51035  
COLOR: T.B.D.  
SIZE: 24" X 24" TILE W/ ECOWORX TILE BACKING  
INSTALL: MONOLITHIC
- T1** MFR: GARDEN STATE TILE  
STYLE: RENOVA SLATE LOOK  
SIZE: 16"X32"  
COLOR: RENOVA GREY 1632  
LOCATION: LOBBY 100, ELEV. LOBBY 101
- P1** MFR: BENJAMIN MOORE  
COLOR: TBD - EGGSHELL  
LATEX  
LOCATION: GENERAL WALL AND SOFFIT PAINT  
\*ALL WALLS TO BE P1 U.O.N.\*
- P2** MFR: BENJAMIN MOORE  
COLOR: TBD  
SEMI-GLOSS ALYKYD  
LOCATION: INTERIOR WOOD TRIM AND WOOD WINDOWS
- P3** MFR: BENJAMIN MOORE  
COLOR: TBD - EGGSHELL  
LATEX  
LOCATION: GYP BD CEILINGS
- P4** MFR: BENJAMIN MOORE  
COLOR: TBD  
SEMI-GLOSS ALYKYD  
LOCATION: EXTERIOR TRIM



**2** PARTIAL ROOF PLAN  
1/8" = 1'-0"



**1** PARTIAL FIRST FLOOR PLAN  
1/4" = 1'-0"

- ### FLOOR PLAN NOTES
- PARTITIONS LOCATED BY DIMENSION STRING ARE DIMENSIONED TO THE CENTERLINE OF STUD UNLESS OTHERWISE NOTED.
  - PARTITIONS NOT DIMENSIONED ARE GENERALLY LOCATED BY ONE OF THE FOLLOWING CRITERIA:
    - CENTERLINE:** CENTER OF PARTITION ALIGNS WITH THE CENTER OF GRIDLINE OR OBJECT CENTERLINE (SUCH AS A COLUMN OR WINDOW MULLION). CENTER THE OVERALL PARTITION WIDTH, RATHER THAN STUD WIDTH ON THE LINE.
    - ALIGN:** LOCATE PARTITION FLUSH WITH FACE OF GYPSUM BOARD, OR OTHER SURFACE INDICATED. NEW CONSTRUCTION SHALL MATCH AND ALIGN WITH EXISTING, U.O.N.
    - MAINTAIN DIMENSIONS NOTED AS "MINIMUM" OR "CLEAR" WHERE NOTED.**
  - PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF A PARTITION.
  - OPENINGS IN RATED WALL, FLOOR, CEILING AND ROOF ASSEMBLIES SHALL BE SEALED WITH PENETRATION SEALANT SYSTEMS MEETING OR EXCEEDING THE REQUIRED FIRE RESISTIVE RATINGS.
  - MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
  - PROVIDE STIFFENERS, BRACING, BACKING PLATES AND BLOCKING REQUIRED FOR SECURE INSTALLATION OF DOORS AND DOOR HARDWARE INCLUDING WALL-MOUNTED DOOR STOPS.
  - DO NOT OBSTRUCT ACCESS TO EXISTING EXITS, OR REDUCE THE WIDTH OF PUBLIC CORRIDORS.
  - PENETRATIONS SHALL MEET LOCAL CODE REQUIREMENTS OR BASE BUILDING REQUIREMENTS.
  - THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND NEW WORK, OMISSIONS OR CONFLICTS IN THE DRAWINGS, AND ANY RESTRICTIONS RELATED TO THE EXECUTION OF THE WORK. IN THE CASE OF CONFLICTS BETWEEN DRAWINGS OR NOTES AND DRAWINGS, IT SHALL BE ASSUMED THE STRICTEST CONDITION OR REQUIREMENT HAS BEEN INCLUDED IN THE COST OR SCOPE OF THE WORK AND SHALL APPLY TO THE QUESTIONED CONDITION.
  - FULLY LAY OUT WALL AND OPENING PLACEMENT PRIOR TO START OF CONSTRUCTION. VERIFY THAT DIMENSIONS ARE CONSISTENT WITH REQUIREMENTS INDICATED IN THE DOCUMENTS. REFER ANY DIMENSIONAL INCONSISTENCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO THE START OF PARTITION CONSTRUCTION.
  - ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE BUILDING OFFICIAL AND CODE ADMINISTRATORS (BOC) CODE AND ALL APPLICABLE CODES AND ORDINANCES AS ADOPTED BY THE LOCAL JURISDICTIONS HAVING AUTHORITY. THE CONSTRUCTION MANAGER SHALL ARRANGE FOR REQUIRED INSPECTIONS BY AUTHORITIES AT THE PROPER TIME DURING PROGRESS OF THE WORK.
  - VERIFY ALL EXISTING CONDITIONS AND ALL DIMENSIONING PRIOR TO THE COMMENCEMENT OF WORK OR ORDERING OF MATERIAL. CONTRACTOR SHALL CONTACT THE ARCHITECT FOR THE RESOLUTION OF ANY DISCREPANCIES.
  - BASE BUILDING CONCRETE SLAB THAT IS DISTURBED DURING CONSTRUCTION, SHALL BE PATCHED AND REPAIRED TO A SMOOTH CONDITION.
  - PROVIDE FIRE RETARDANT WOOD BLOCKING OR METAL REINFORCING PLATES IN ALL PARTITIONS TO RECEIVE MILLWORK ITEMS, OR OTHER PARTITION MOUNTED FIXTURES AND ACCESSORIES.
  - DRAWINGS AT A LARGER SCALE SHALL TAKE PRECEDENCE OVER DRAWINGS AT A SMALLER SCALE, EXCEPT FOR ANY INCONSISTENCIES THAT MAY BE FOUND IN THE DRAWINGS. REQUEST CLARIFICATION OF SUCH INCONSISTENCIES PRIOR TO COMMENCEMENT OF WORK.
  - DIMENSION AND NOTES FOR A GIVEN CONDITION ARE TYPICAL AT ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
  - ALL DOCUMENTS (ARCHITECTURAL, ENGINEERING, ETC.) AND PROJECT MANUAL ARE COMPLEMENTARY AND WHAT IS CALLED FOR BY ANY WILL BE BINDING FOR ALL, UNLESS OTHERWISE NOTED.

- ### FLOOR PLAN KEYNOTES
- INSTALL NEW TILE BASE IN EXISTING ELEVATOR LOBBY, TYP.
  - INSTALL PARTITION TYPE 2 IN EXISTING SECOND FLOOR WINDOW OPENING.

### Revisions

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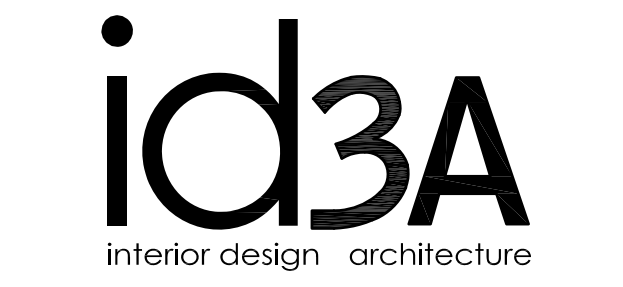
- ### FLOOR PLAN LEGEND
- EXISTING PARTITION
  - NEW PARTITION, REFER TO PARTITION TYPES ON G-001
  - EXISTING DOOR, FRAME AND HARDWARE
  - NEW DOOR, FRAME AND HARDWARE
  - AREA NOT IN CONTRACT (NIC)

### Sheet Information

Date	07.17.2017
Job Number	146.02.001
Scale	AS NOTED
Drawn	JS
Checked	JS

**Title**  
PARTIAL FIRST FLOOR PLAN & PARTIAL ROOF PLAN

**Sheet**  
**A-101**

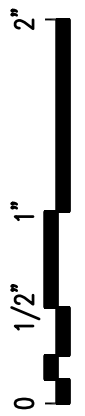


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**Glastonbury Town Hall**  
New Entry Addition  
**GL-2017-39**  
Town of Glastonbury  
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- ### RCP NOTES
- REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FIXTURE SCHEDULES FOR TYPES AND SPECIFICATIONS.
  - FOR DIFFUSERS, SPRINKLERS HEADS, SWITCHING CIRCUITS AND OTHER MEP ITEMS IN THE CEILING, REF. MECHANICAL AND ELECTRICAL DRAWINGS.
  - VERIFY WITH ARCHITECT LOCATION OF VISIBLE CEILING ELEMENTS NOT SHOWN ON ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION.
  - VERIFY CLEARANCE OF CEILING ELEMENTS FOR LOCATIONS SHOWN PRIOR TO INSTALLATION.
  - TYPICAL COVERPLATE AND DEVICE FINISH SHALL BE WHITE UNLESS OTHERWISE NOTED.
  - LOCATE SPRINKLER HEADS, EXIT SIGNS, CEILING STROBES, LIGHT FIXTURES, AUDIO VISUAL DEVICES, SMOKE DETECTORS AND OTHER DEVICES EXPOSED ALIGNED OR CENTERED W/ ADJACENT DEVICES, UNLESS OTHERWISE NOTED.
  - FIELD VERIFY LOCATION OF ACCESS PANELS AND MARK ON SLAB FOR ARCHITECT'S REVIEW. DO NOT PROCEED WITHOUT ARCHITECT'S APPROVAL OF LOCATIONS. PROVIDE ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AND AS REQUIRED FOR MECHANICAL EQUIPMENT. ALL ACCESS PANELS SHALL BE CONCEALED AND LOCATIONS SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO PROCEEDING.
  - CEILING SUPPORT SYSTEMS ARE NOT DESIGNED OR INTENDED TO SUPPORT THE WEIGHT OF ADDITIONAL EQUIPMENT, CABLE, CONDUIT, LIGHTS, MECHANICAL EQUIPMENT OR OTHER CONSTRUCTION. SUPPORT THESE ITEMS INDEPENDENTLY FROM THE STRUCTURE ABOVE.
  - VERIFY THAT AIR DEVICES FIT IN CEILING AS INDICATED BEFORE PROCEEDING WITH FRAMING CEILING. NOTIFY ARCHITECT IF RELOCATION IS REQUIRED OR IF SHIFTING OF OTHER ELEMENT IS NECESSARY.
  - PAINT METAL CLOSURES, WALL ANGLES, REVEALS AND MISCELLANEOUS TRIM IN CEILING TO MATCH CEILING.
  - LIGHT FIXTURES ARE DIMENSIONED TO CENTER OF FIXTURE UNLESS OTHERWISE NOTED.

- ### RCP LEGEND
- ACT-1  
9'-0" CEILING TYPE  
CEILING HEIGHT AFF
  - GYP BD CEILING
  - EXISTING 2x2 ACOUSTICAL TILE CEILING
  - 2x4 RECESSED LIGHTING FIXTURE
  - RECESSED DOWNLIGHT FIXTURE
  - PENDANT LIGHT FIXTURE
  - WALL MOUNTED EXIT SIGN
  - CEILING MOUNTED EXIT SIGN
  - SUPPLY DIFFUSER
  - RETURN DIFFUSER
  - SPRINKLER HEAD

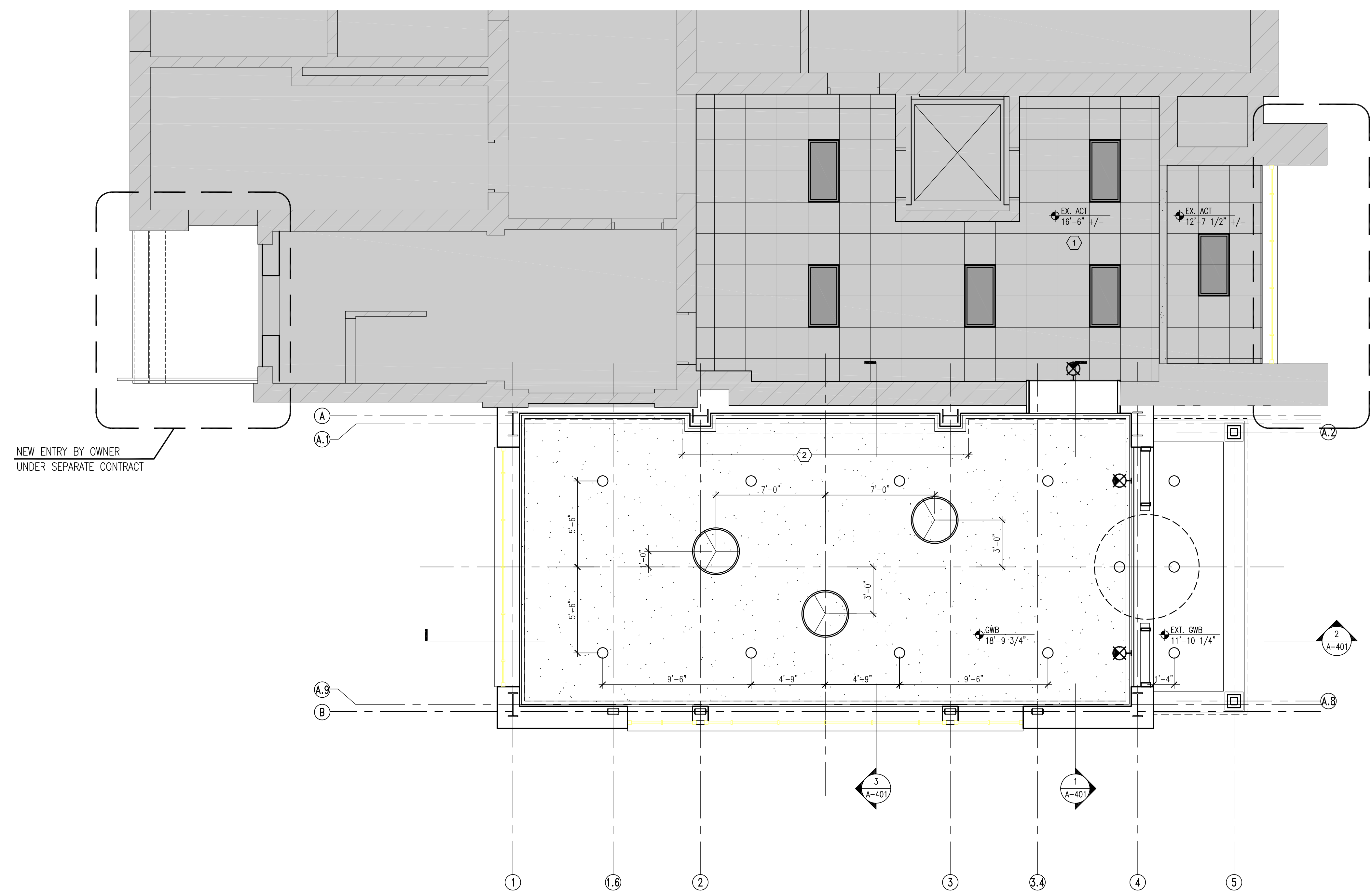
- ### RCP KEYNOTES
- (1) EXISTING ACT TO REMAIN
  - (2) EXTENDED WOOD CLAD SOFFIT BETWEEN COLUMN ENCLOSURES

Revisions		
NO.	ISSUE	DATE

Sheet Information		
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07.17.2017	146.02.001	AS NOTED

**Title**  
**PARTIAL  
REFLECTED  
CEILING PLAN**

**Sheet**  
**A-201**



NEW ENTRY BY OWNER  
UNDER SEPARATE CONTRACT

**1** FIRST FLOOR REFLECTED CEILING PLAN  
1/4" = 1'-0"

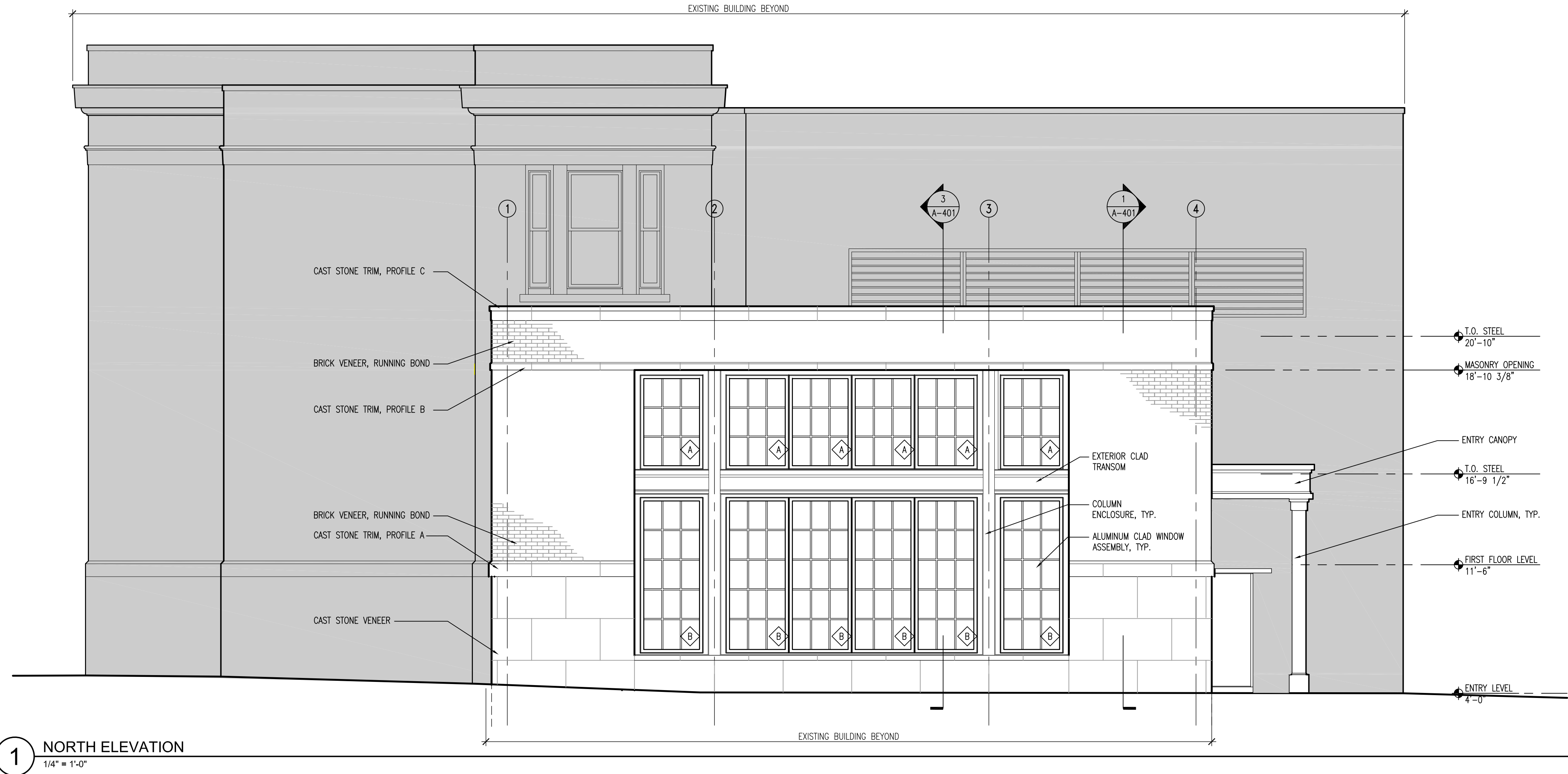


0 1/2" 1" 2"



**3 EAST ELEVATION**  
1/4" = 1'-0"

**2 WEST ELEVATION**  
1/4" = 1'-0"



**1 NORTH ELEVATION**  
1/4" = 1'-0"

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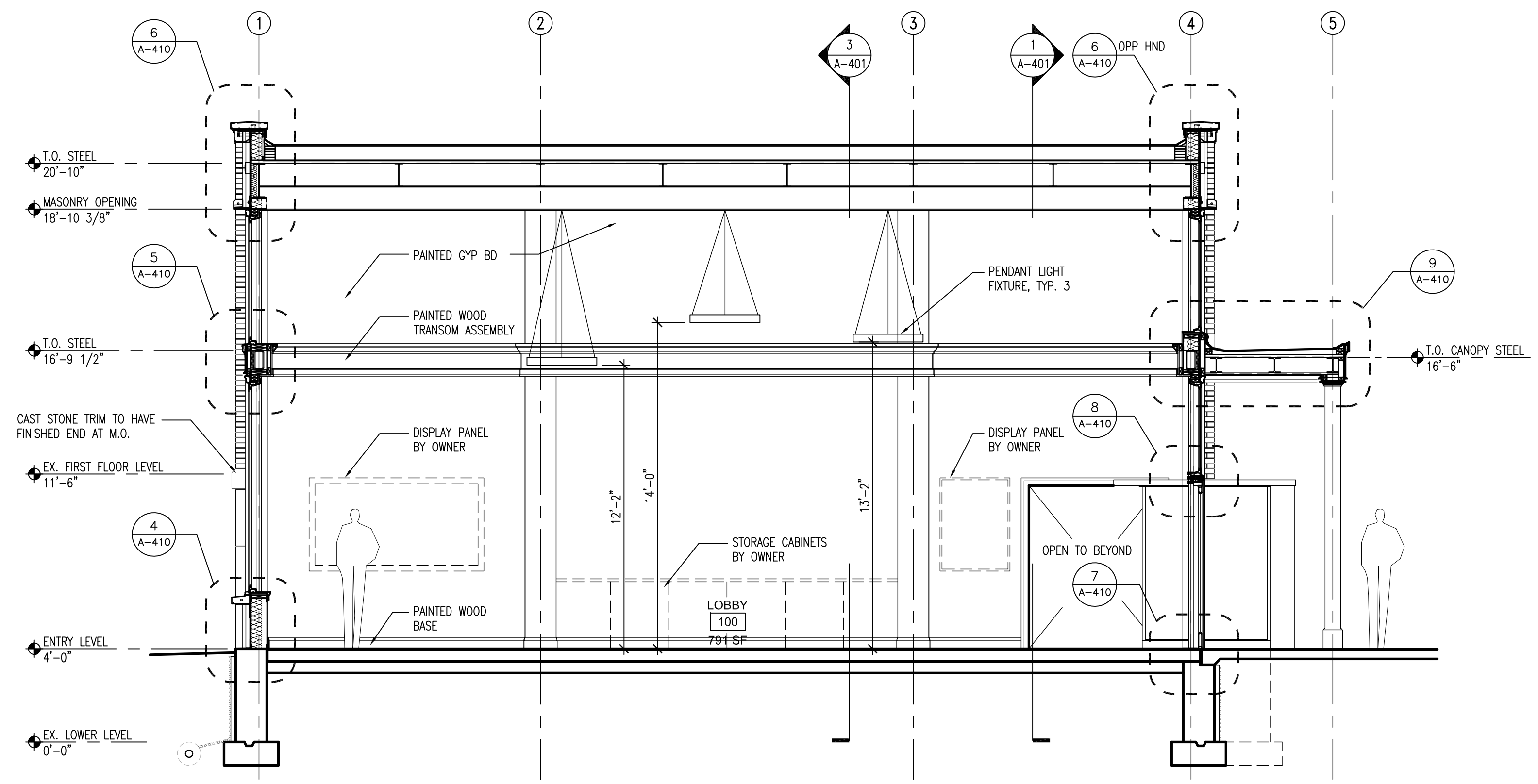
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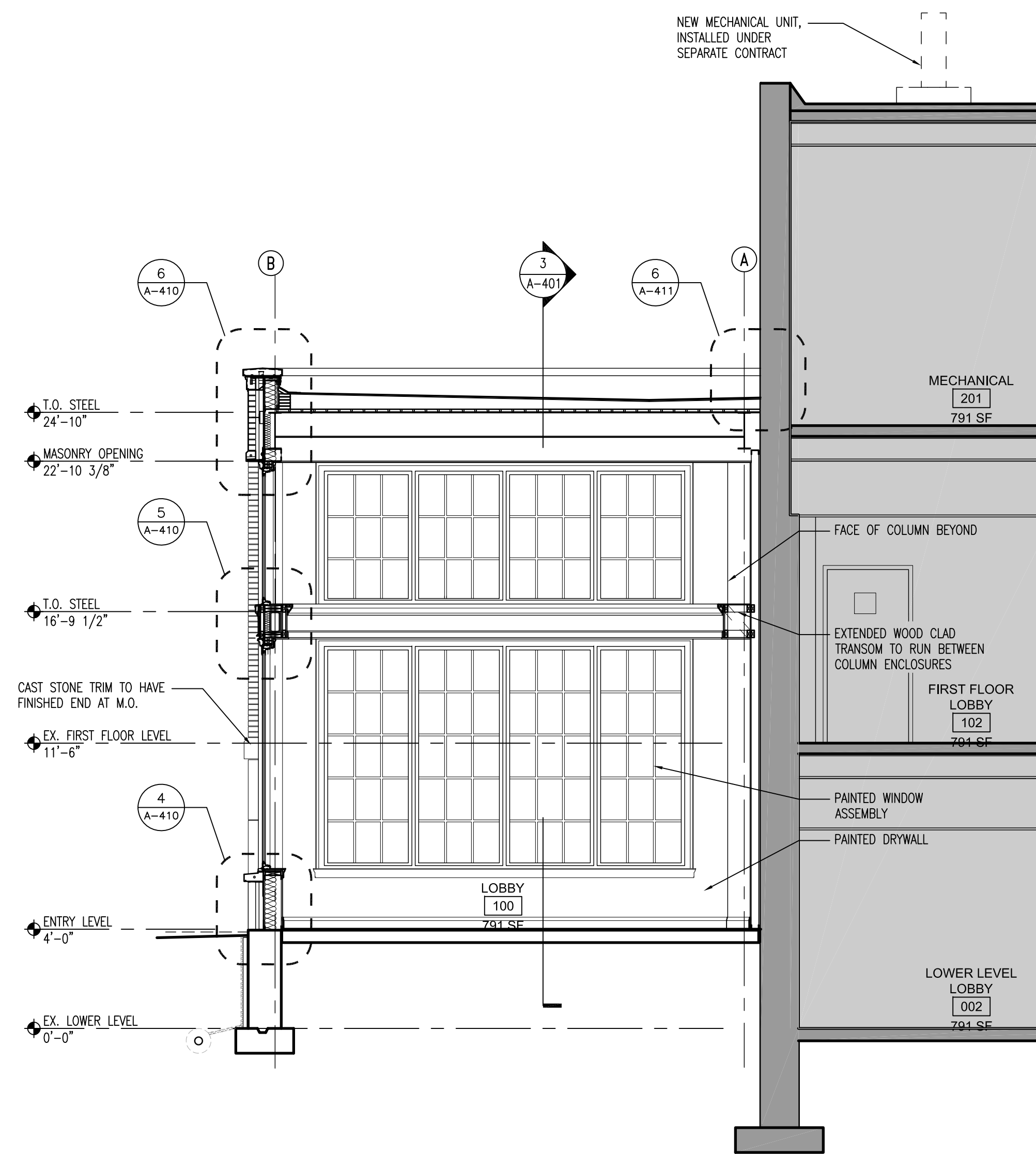
**Title**  
**EXTERIOR  
ELEVATIONS**

**Sheet**  
**A-301**

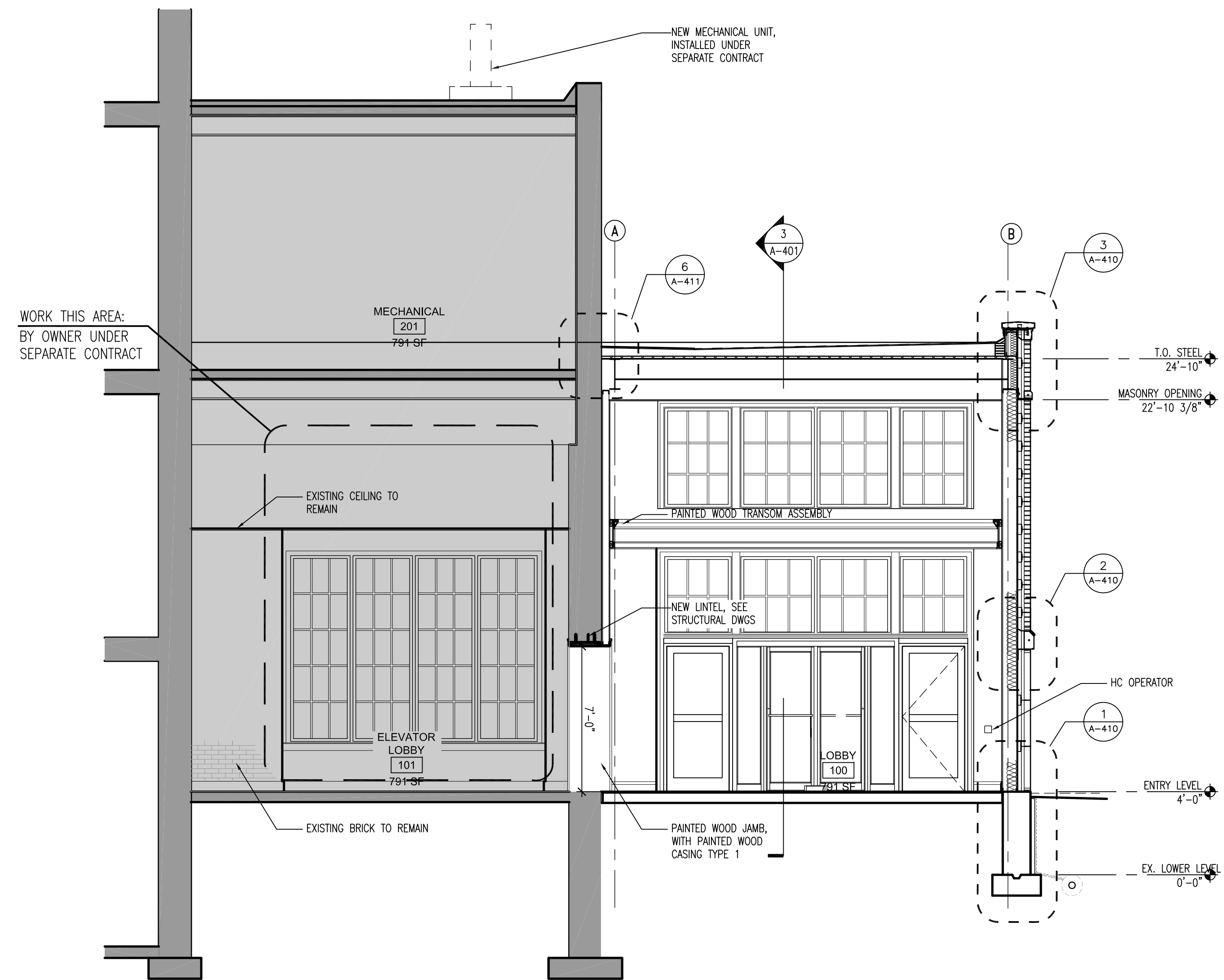
0 1/2" 1" 2"



2 E/W SECTION LOOKING SOUTH  
1/4" = 1'-0"



3 N/S BUILDING SECTION LOOKING EAST  
1/4" = 1'-0"



1 N/S BUILDING SECTION LOOKING WEST  
1/4" = 1'-0"

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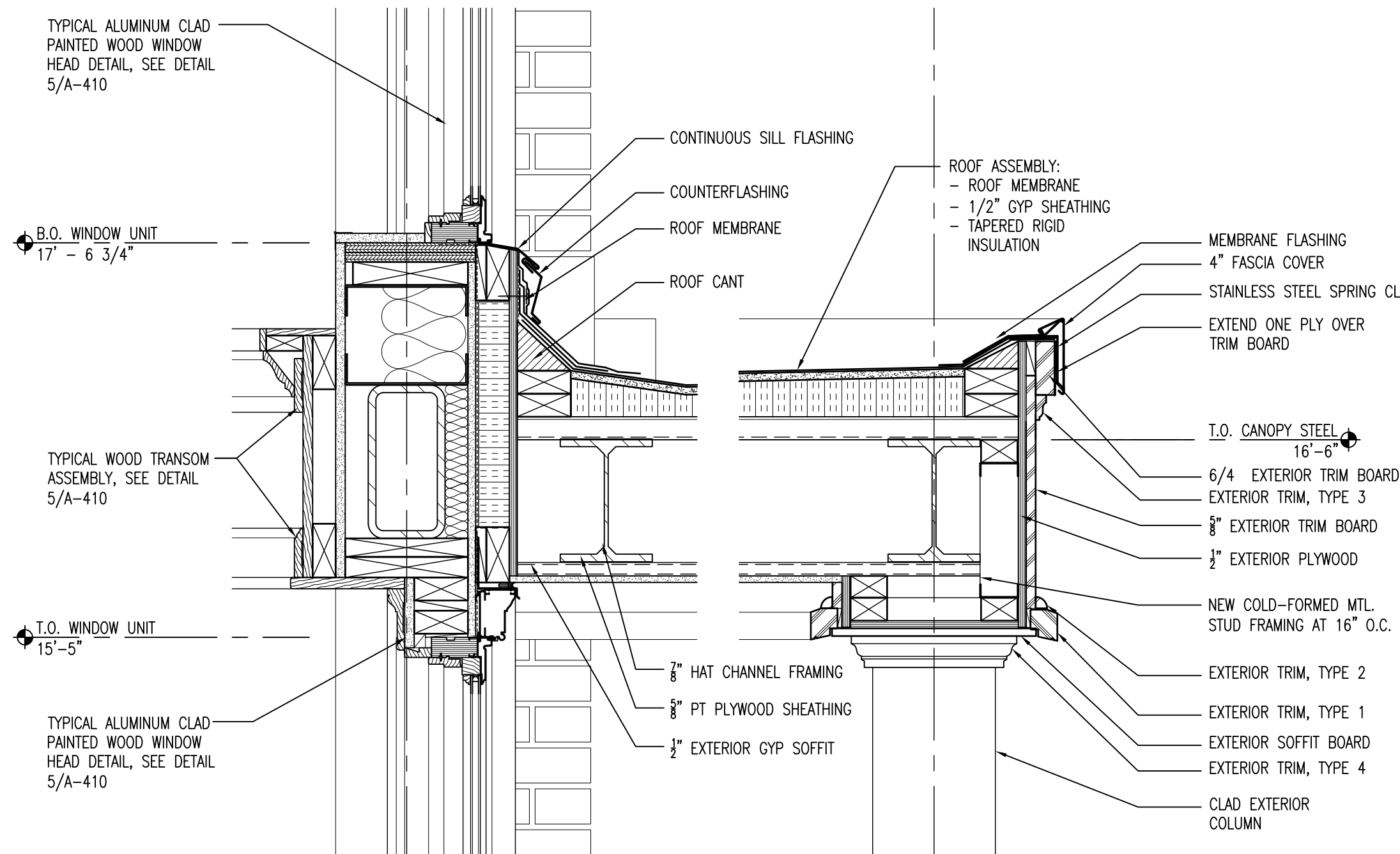
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Title  
BUILDING  
SECTIONS

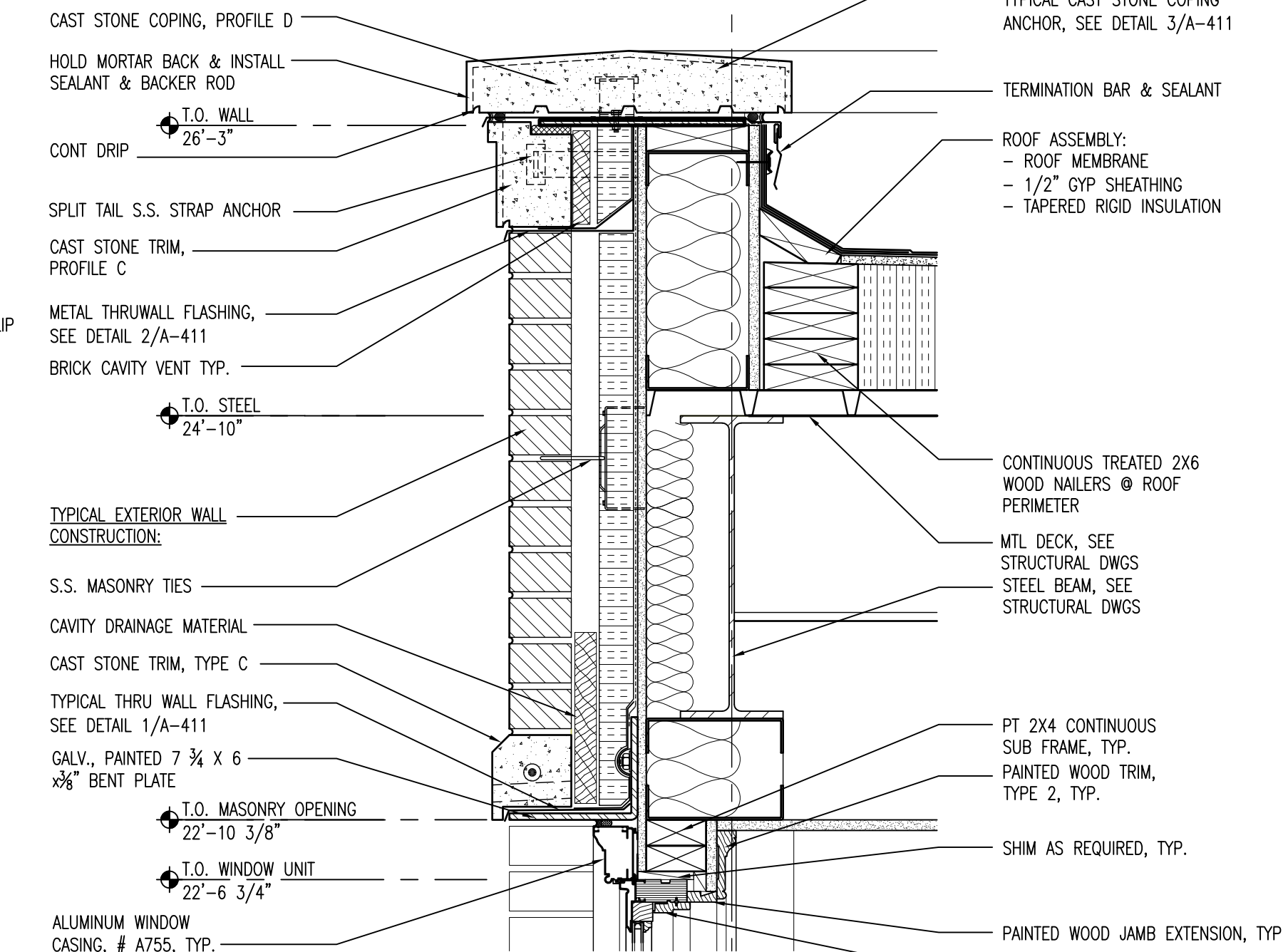
Sheet

A-401

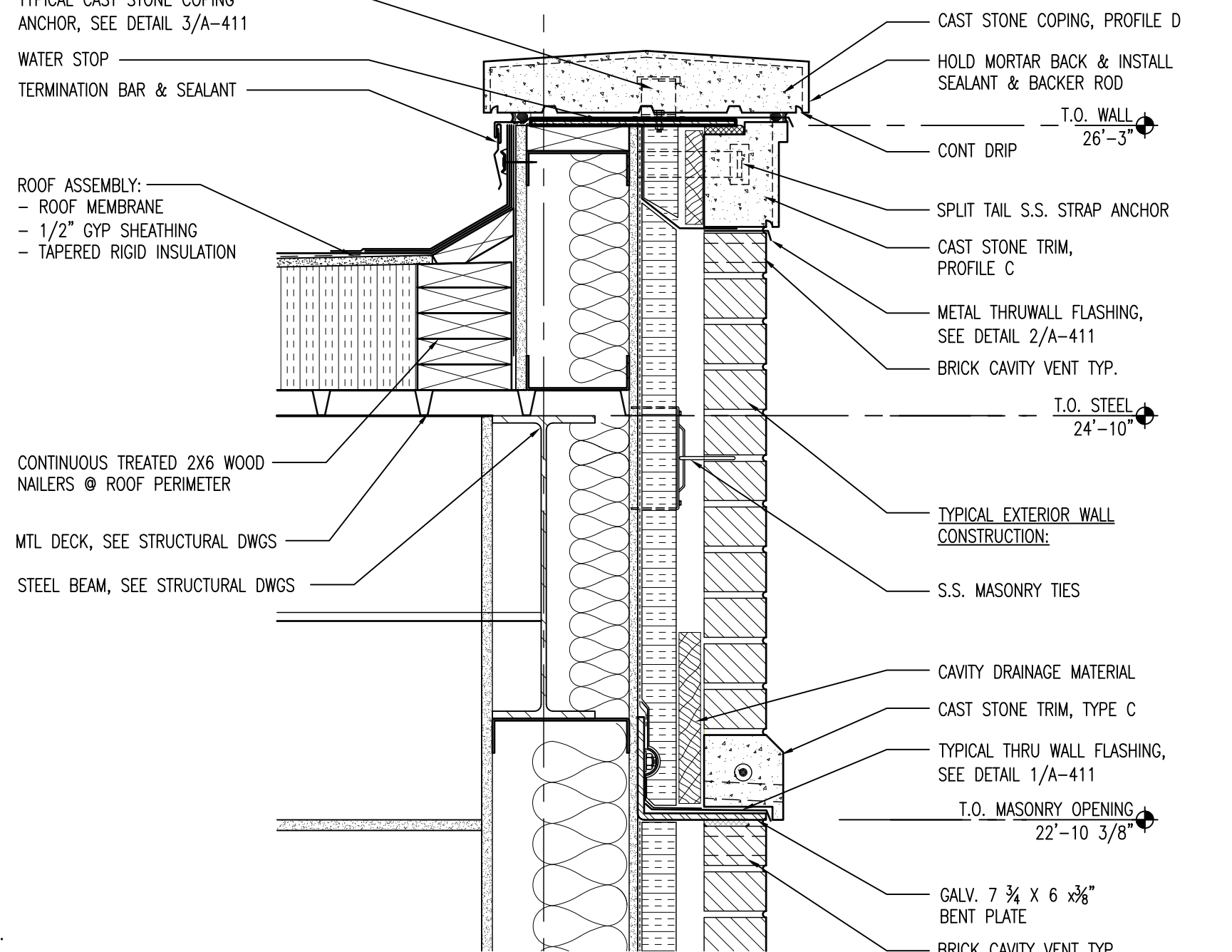




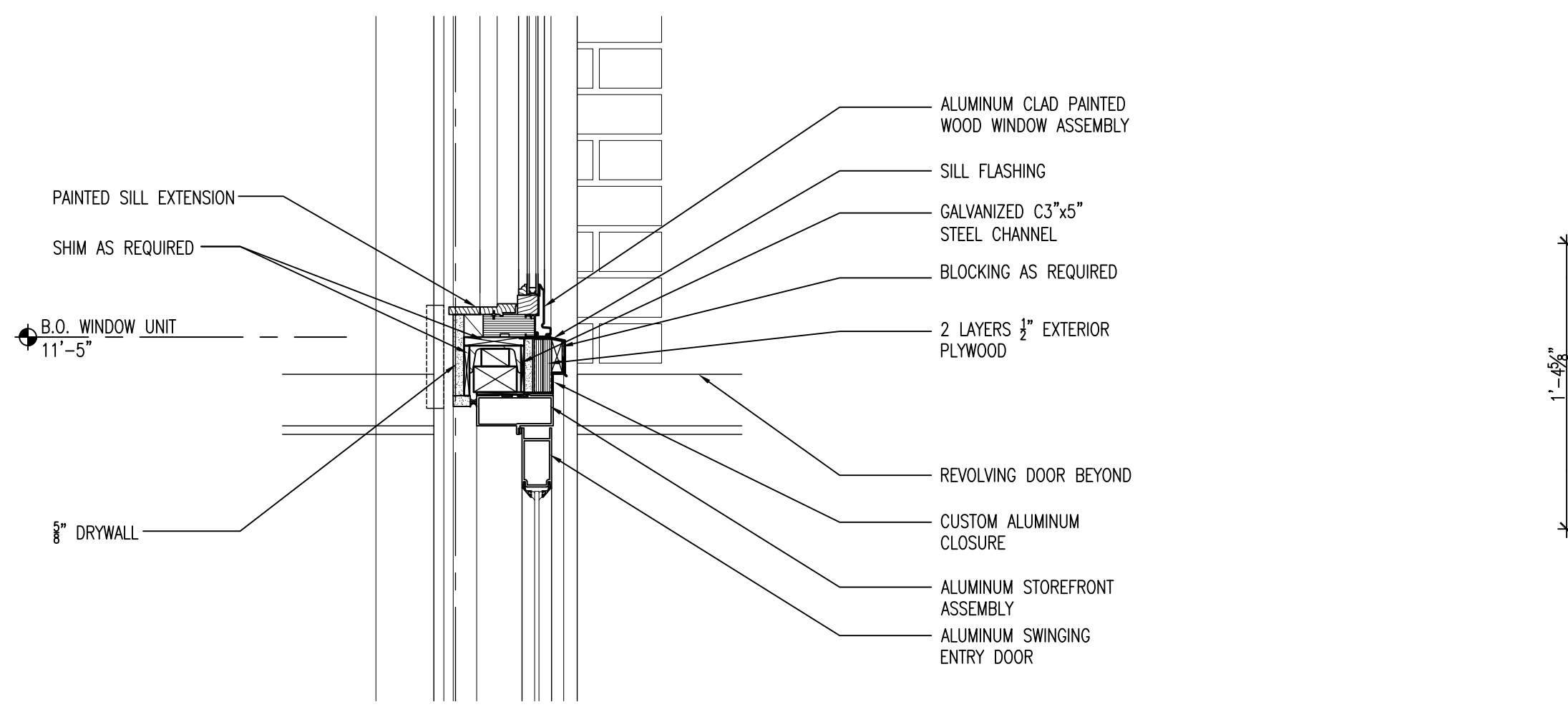
**9 SECTION DETAIL**  
1 1/2" = 1'-0"



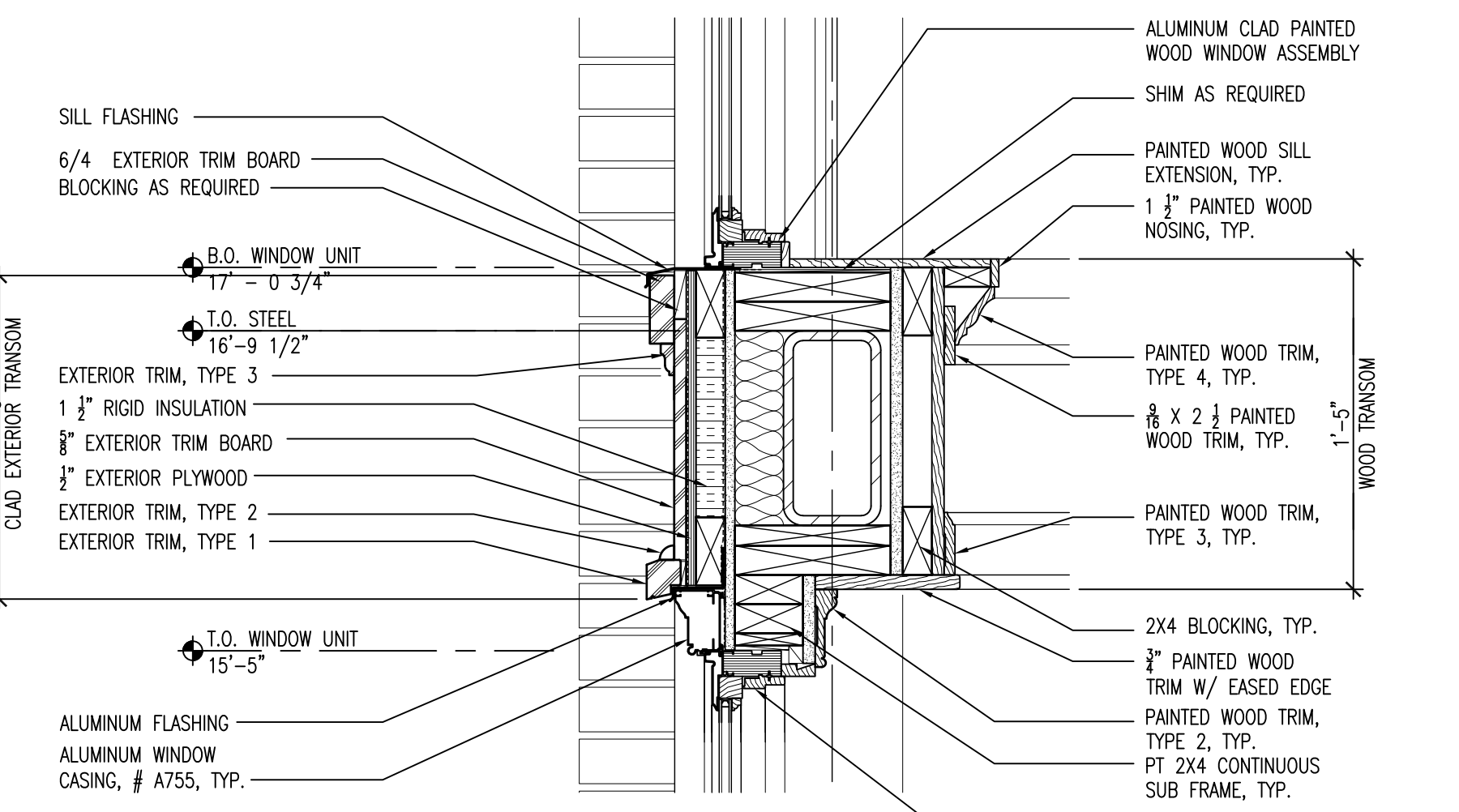
**6 SECTION DETAIL**  
1 1/2" = 1'-0"



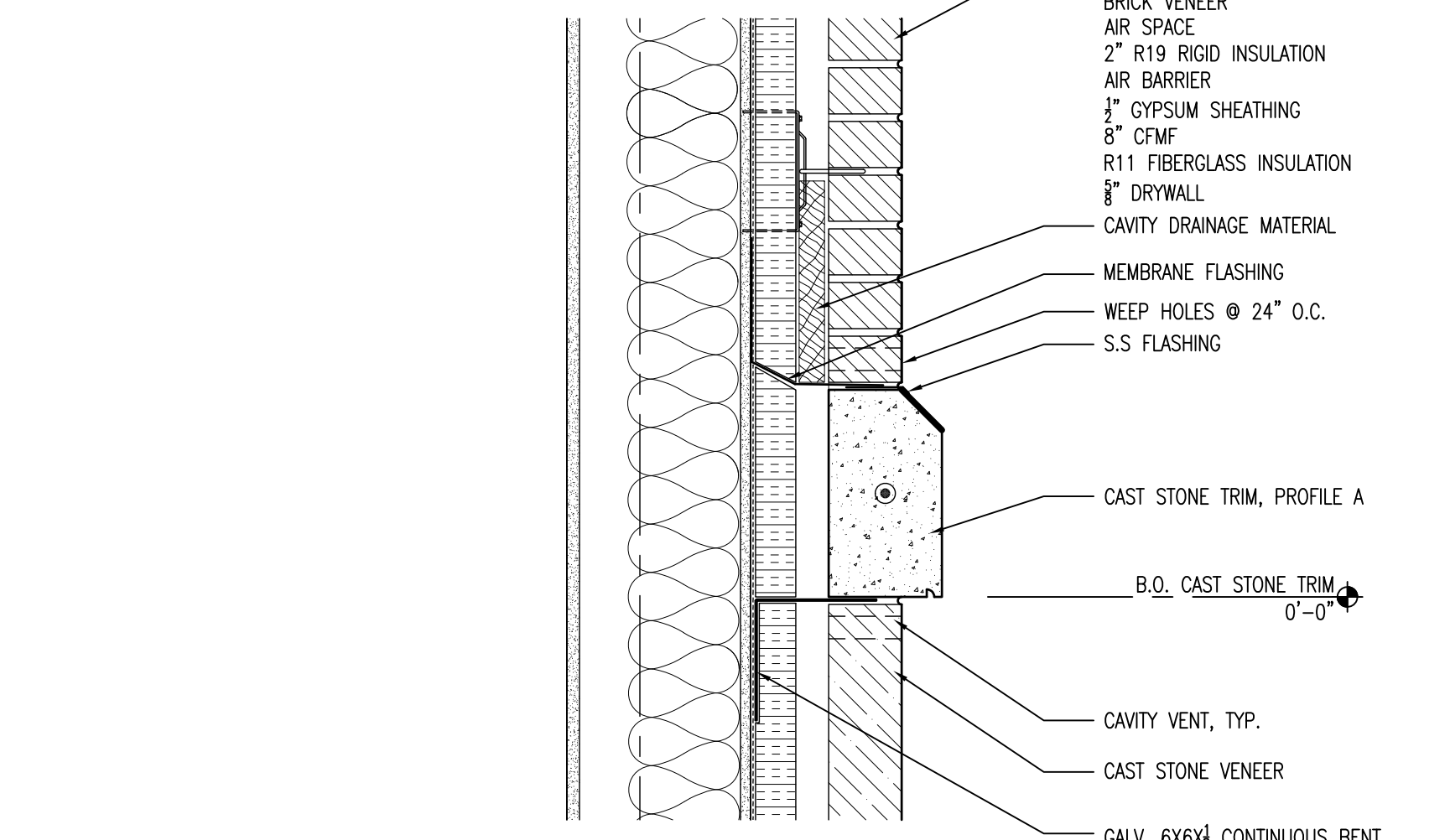
**3 SECTION DETAIL**  
1 1/2" = 1'-0"



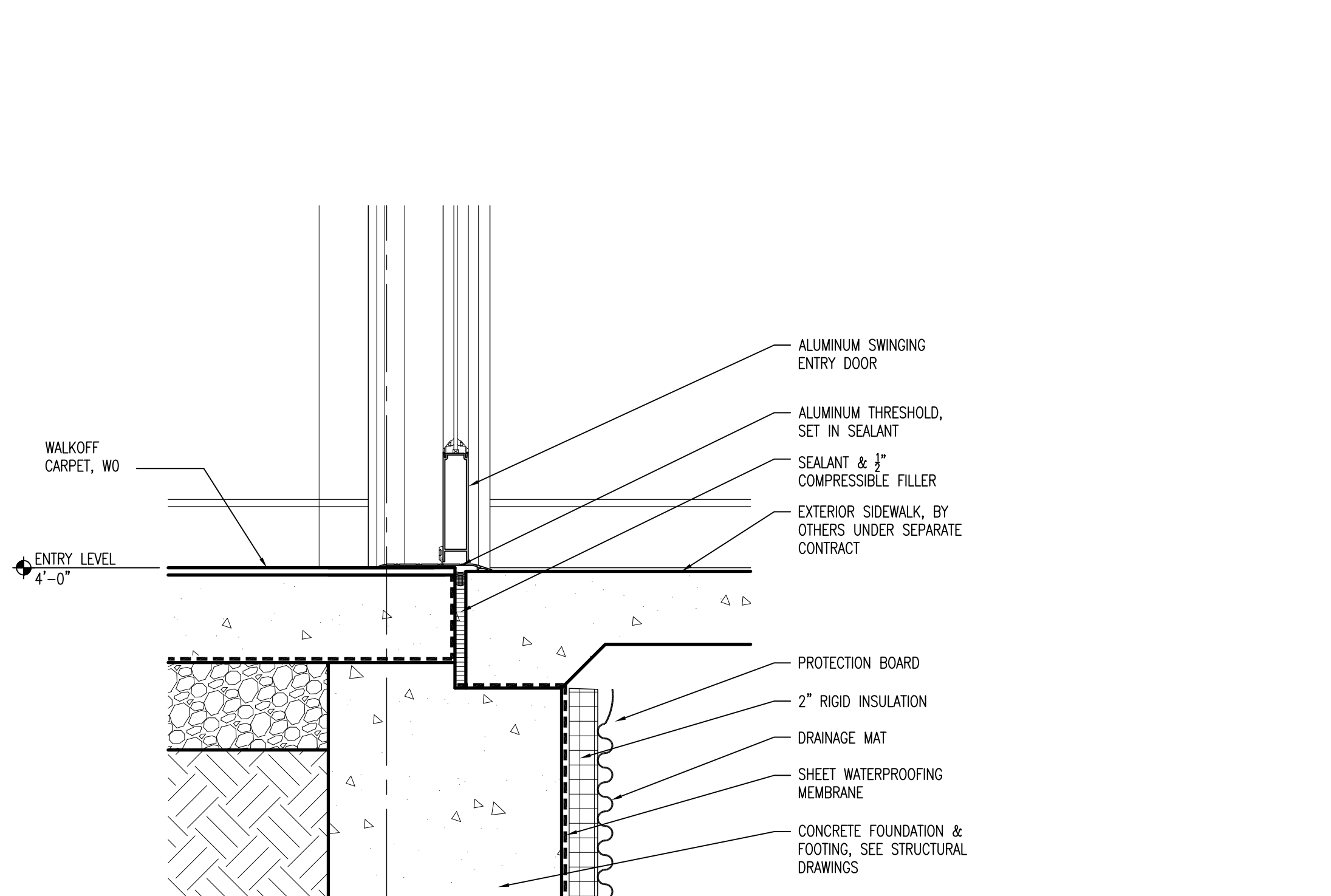
**8 SECTION DETAIL**  
1 1/2" = 1'-0"



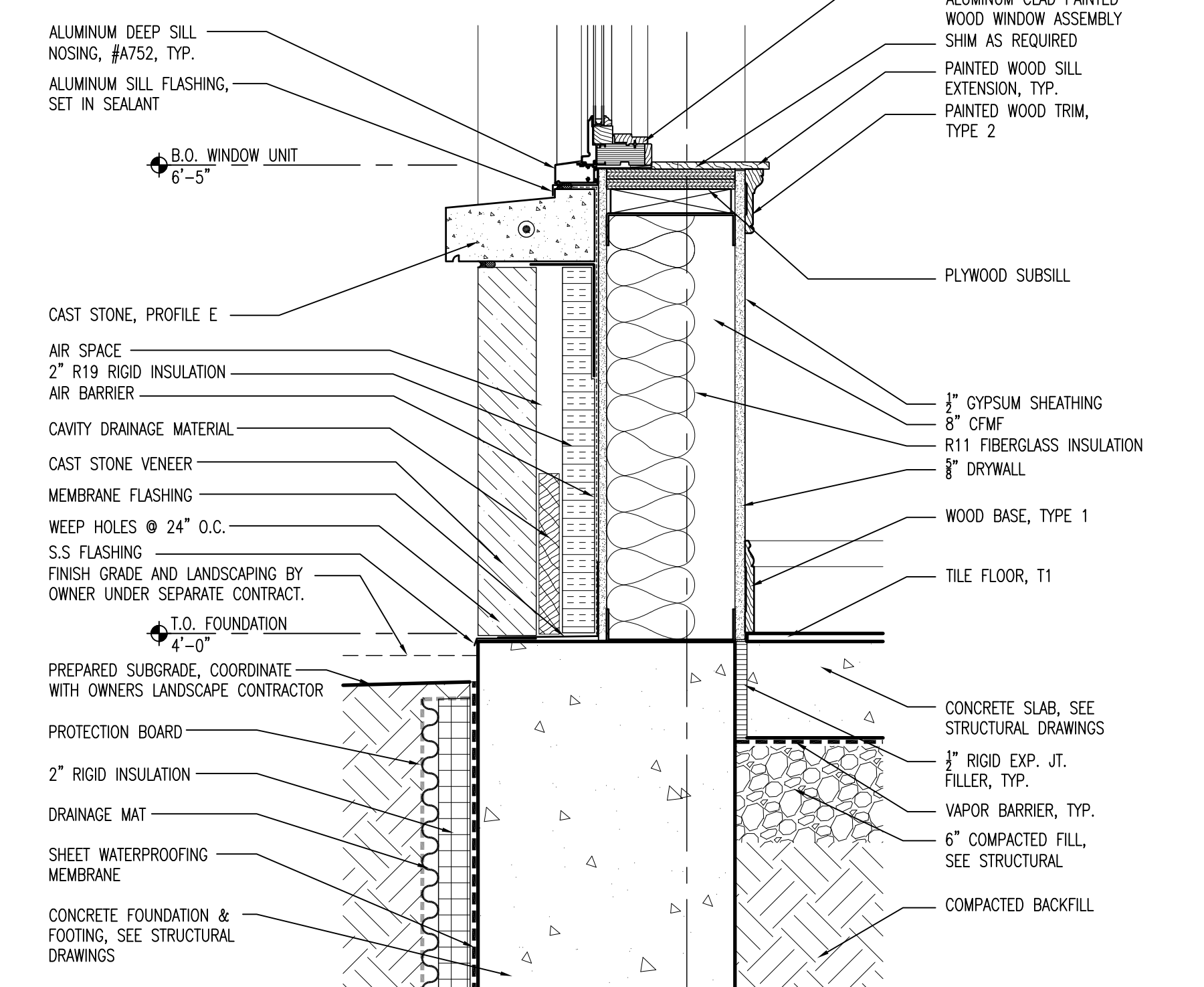
**5 SECTION DETAIL**  
1 1/2" = 1'-0"



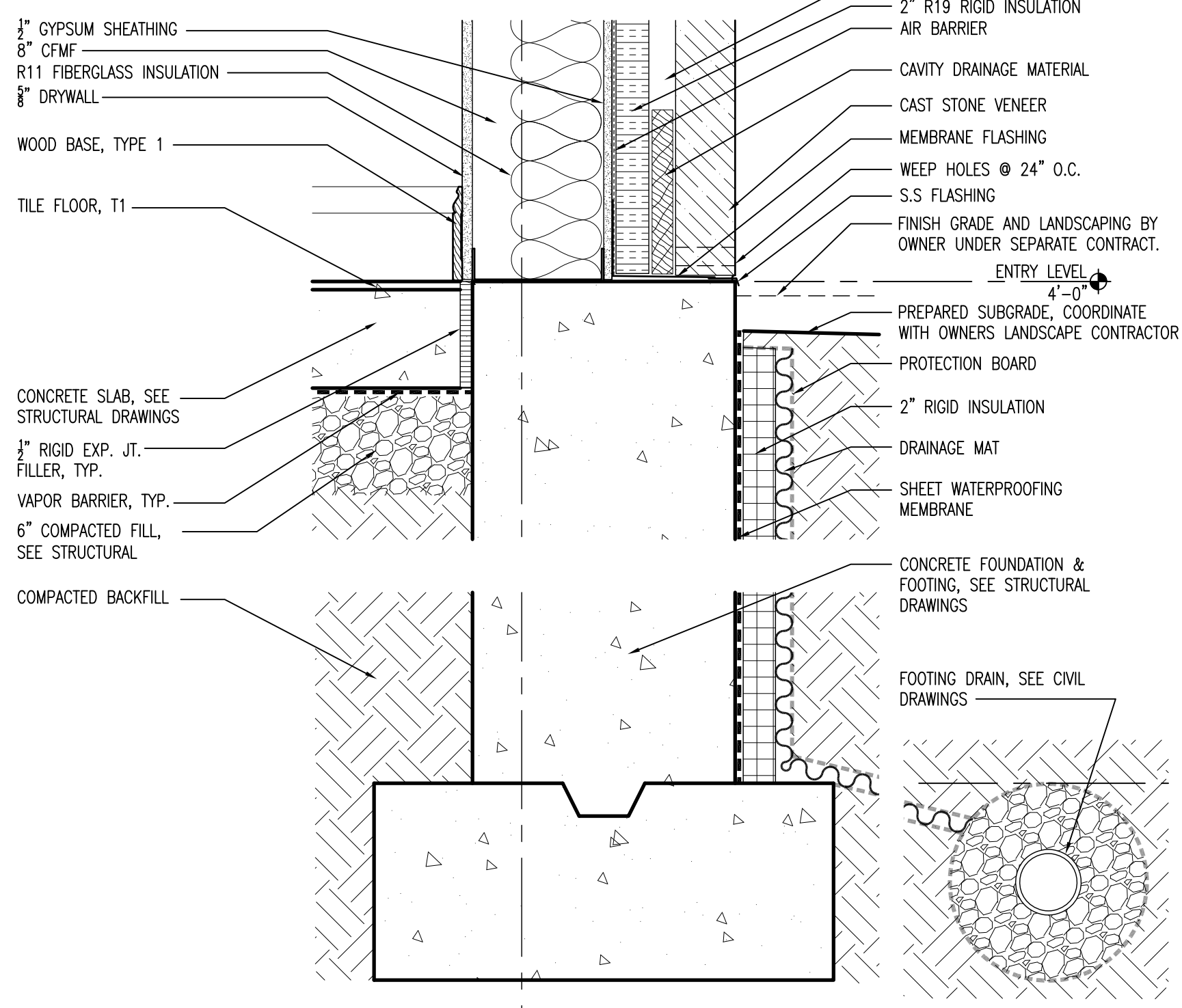
**2 SECTION DETAIL**  
1 1/2" = 1'-0"



**7 SECTION DETAIL**  
1 1/2" = 1'-0"



**4 SECTION DETAIL**  
1 1/2" = 1'-0"



**1 SECTION DETAIL**  
1 1/2" = 1'-0"

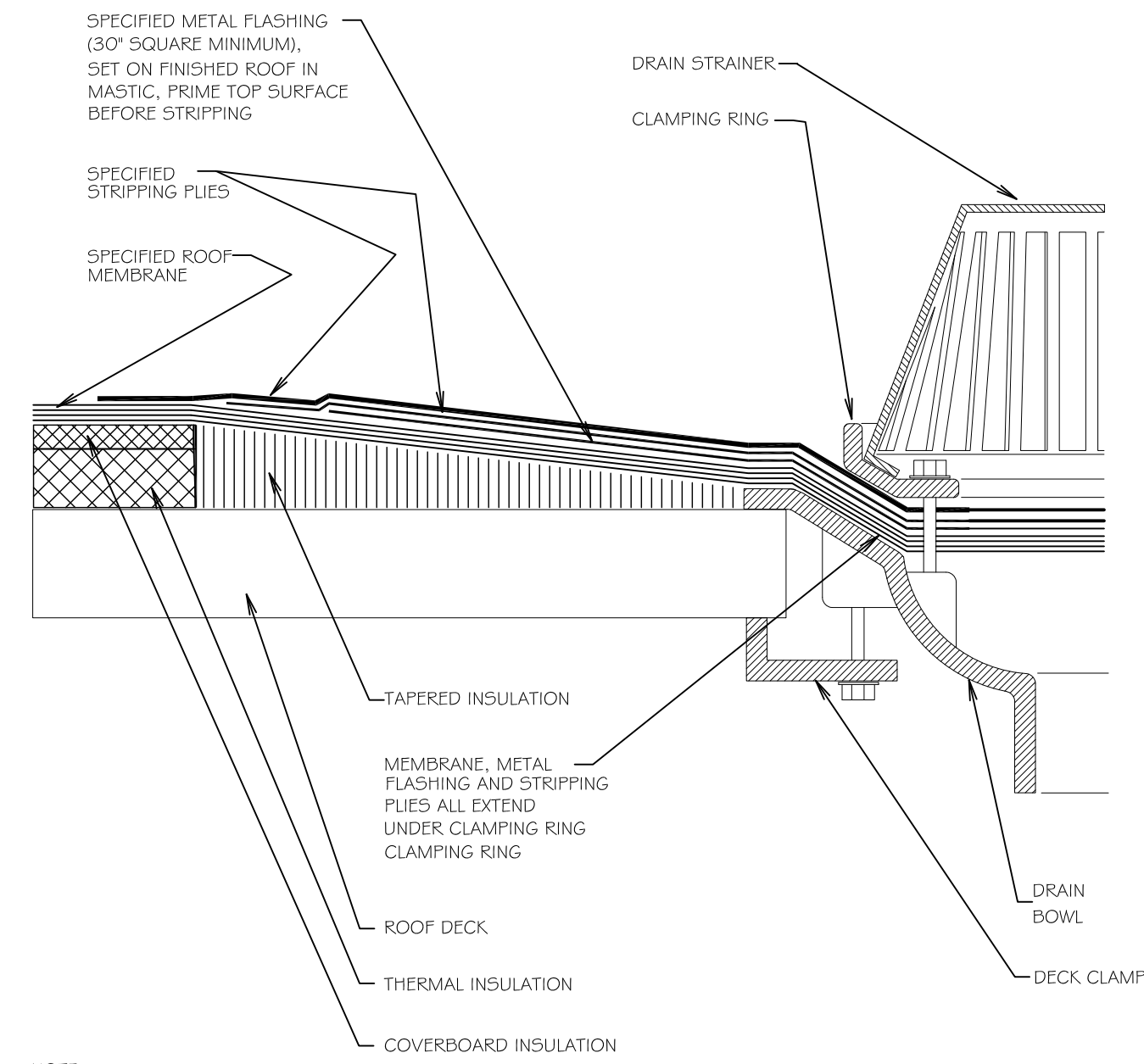
Revisions		
NO.	ISSUE	DATE

Sheet Information		
Date	Job Number	Scale
07.17.2017	146.02.001	AS NOTED

**Title**  
SECTION  
DETAILS

**Sheet**  
A-410

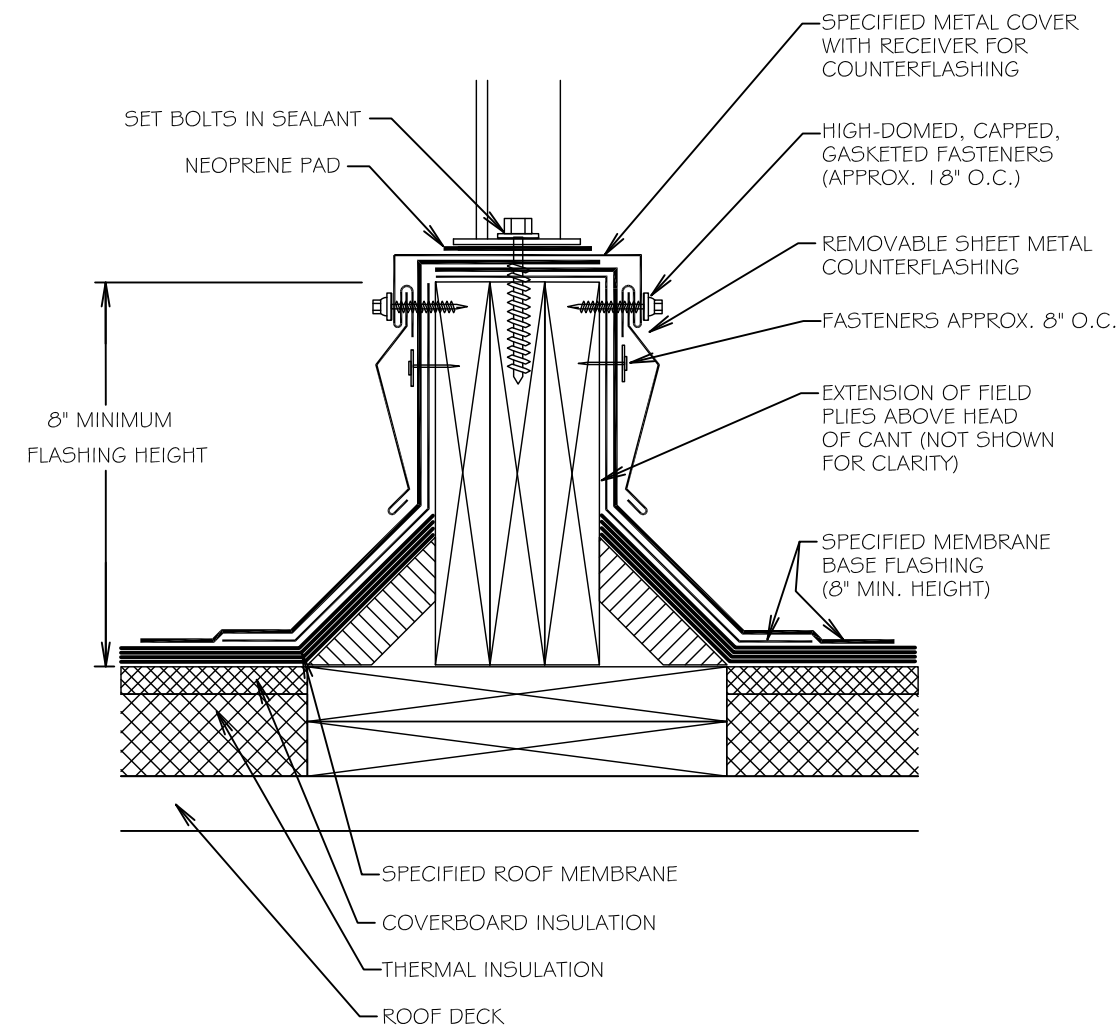




NOTE:

- DO NOT APPLY COAL TAR OR DEAD LEVEL ASPHALT INTO DRAIN SUMP. INSTALL METAL GRAVEL STOPS.
- DO NOT USE MODIFIED COAL TAR ON SLOPES THAT EXCEED 1/2" PER FOOT.
- DO NOT USE TYPE 1 TAR WITH POLYESTER OR TARRED GLASS FELTS ON SLOPES THAT EXCEED 1/4" PER FOOT, OR WITH TARRED ORGANIC FELTS ON SLOPES THAT EXCEED 1/2" PER FOOT.

**7 ROOFING DETAIL @ ROOF DRAIN**  
N.T.S.

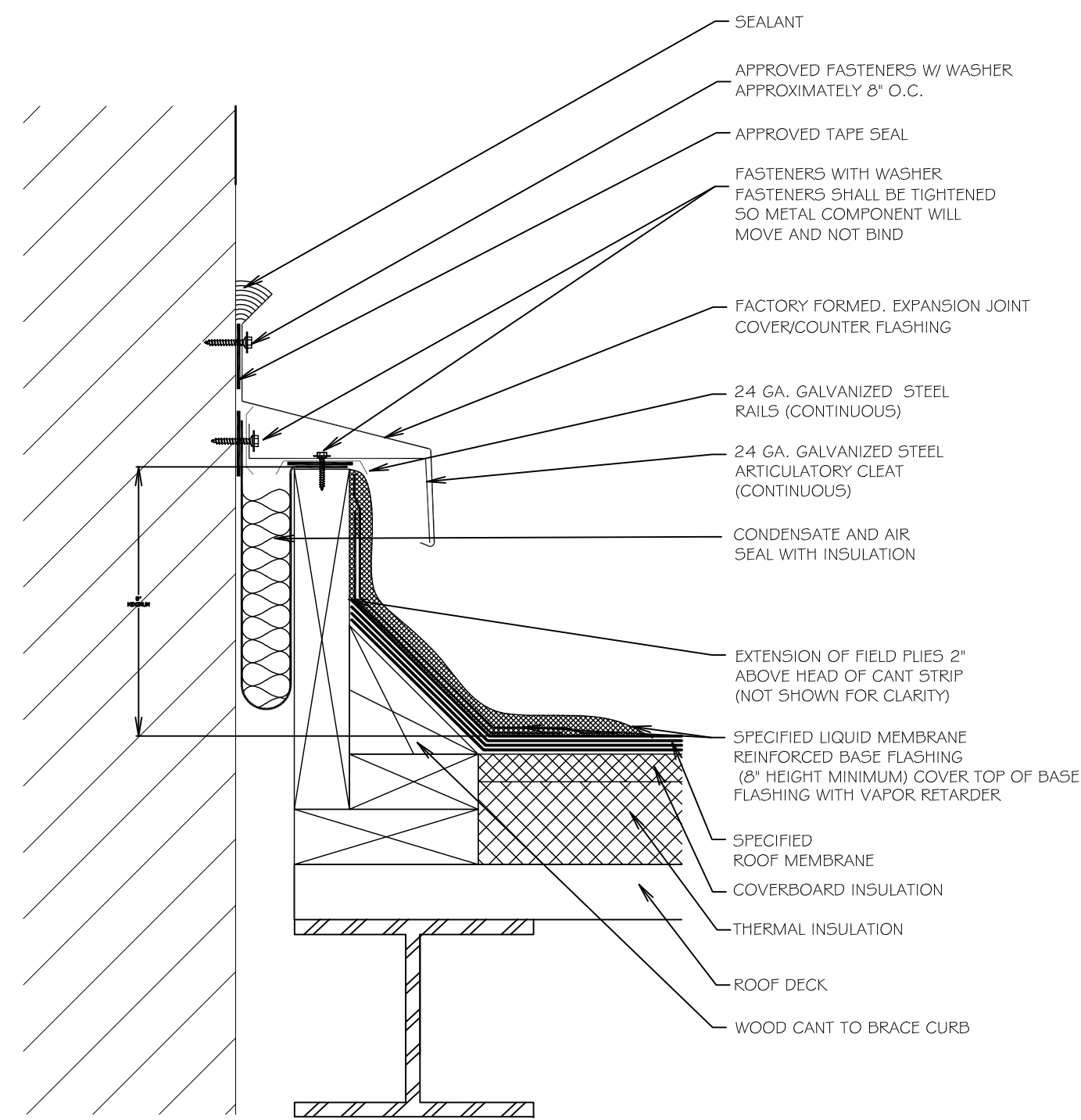


NOTES:

- A MINIMUM OF 2 FEET OF HORIZONTAL CLEARANCE MUST BE PROVIDED FOR REMOVAL AND REPLACEMENT OF ROOFING AND FLASHING BETWEEN PARALLEL SUPPORTS. A MINIMUM OF 3 FEET OF VERTICAL CLEARANCE FROM ROOF SURFACE TO BOTTOM OF SUPPORTED EQUIPMENT SHOULD ALSO BE PROVIDED.
- DO NOT USE MODIFIED COAL TAR ON SLOPES THAT EXCEED 1/2" PER FOOT.
- OR WITH TARRED ORGANIC FELTS ON SLOPES THAT EXCEED 1/2" PER FOOT.

WIDTH OF EQUIPMENT	HEIGHT OF LEGS
UP TO 24"	24"
24" TO 48"	36"
48" AND WIDER	48"

**5 ROOFING DETAIL @ EQUIPMENT CURB**  
N.T.S.

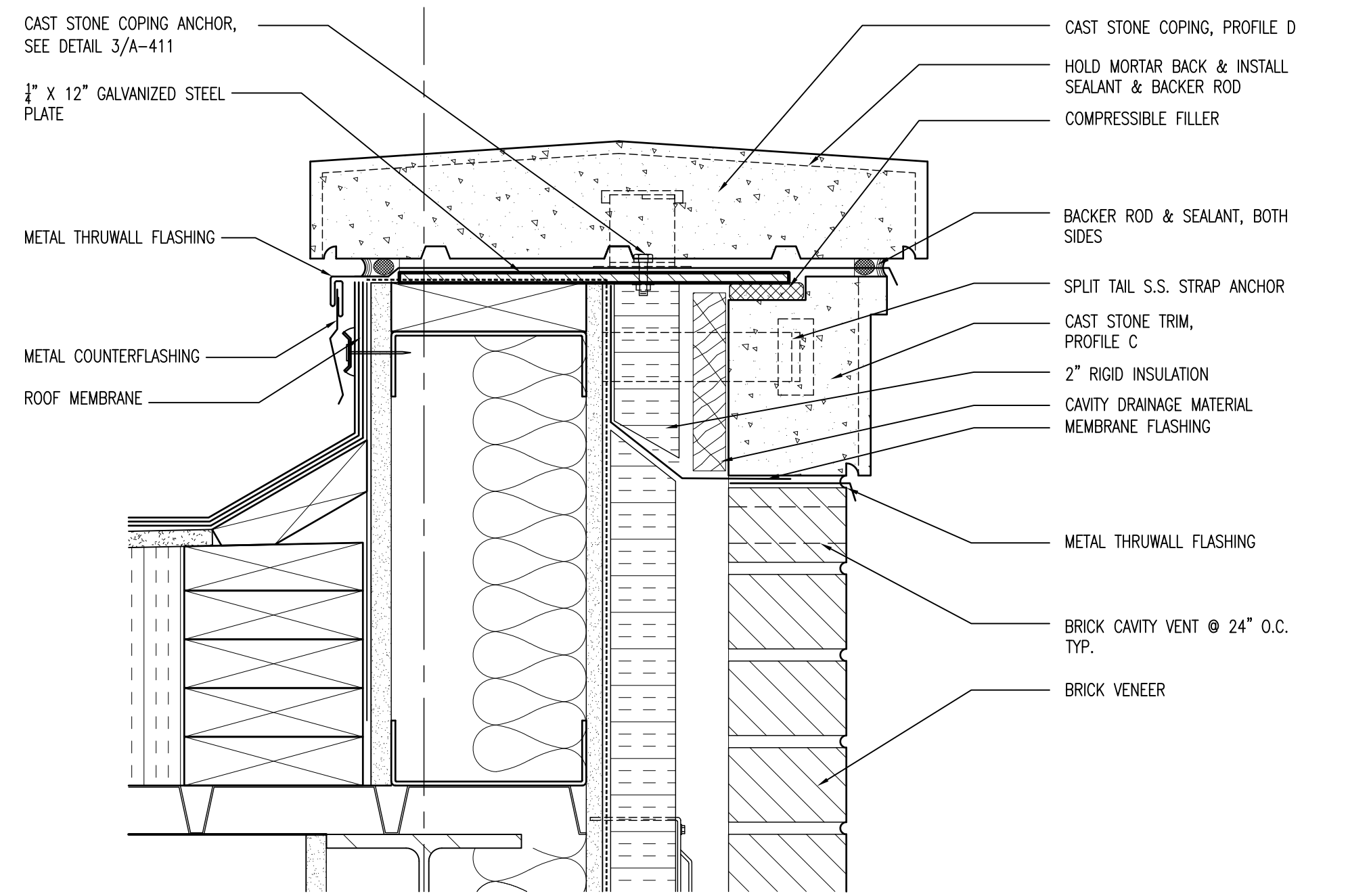
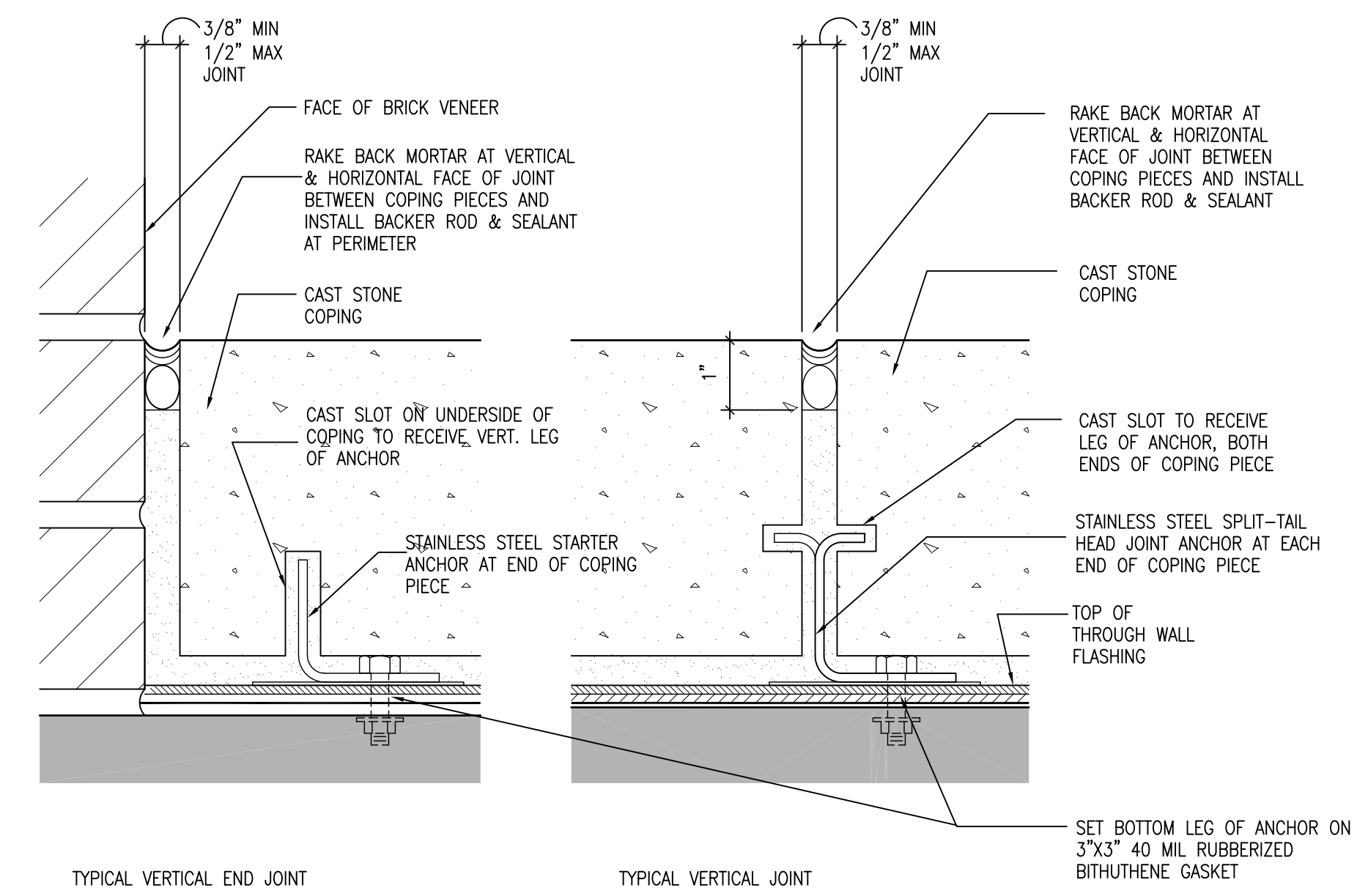


NOTES:

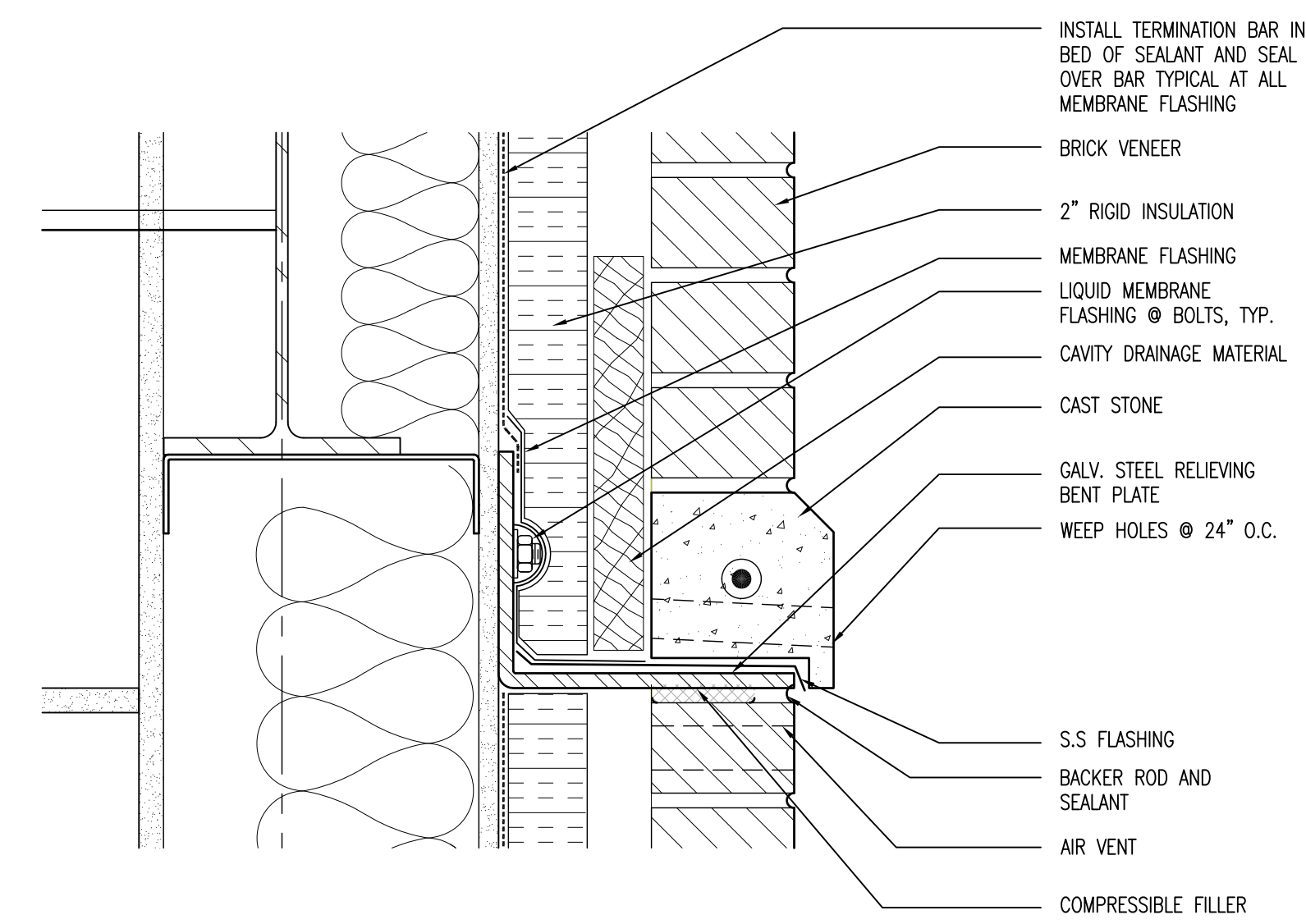
- THIS DETAIL SHOULD BE USED WHERE THERE IS ANY POSSIBILITY THAT DIFFERENTIAL MOVEMENT WILL OCCUR BETWEEN THE DECK AND A VERTICAL SURFACE. THE WOOD MEMBERS SHOULD NOT BE FASTENED TO THE WALL.
- THE JOINTS IN THE SHEET METAL COUNTERFLASHING SHOULD NOT BE SOLDERED.

**6 ROOFING DETAIL @ EXISTING WALL**  
N.T.S.

**3 SECTION DETAIL**  
6" = 1'-0"

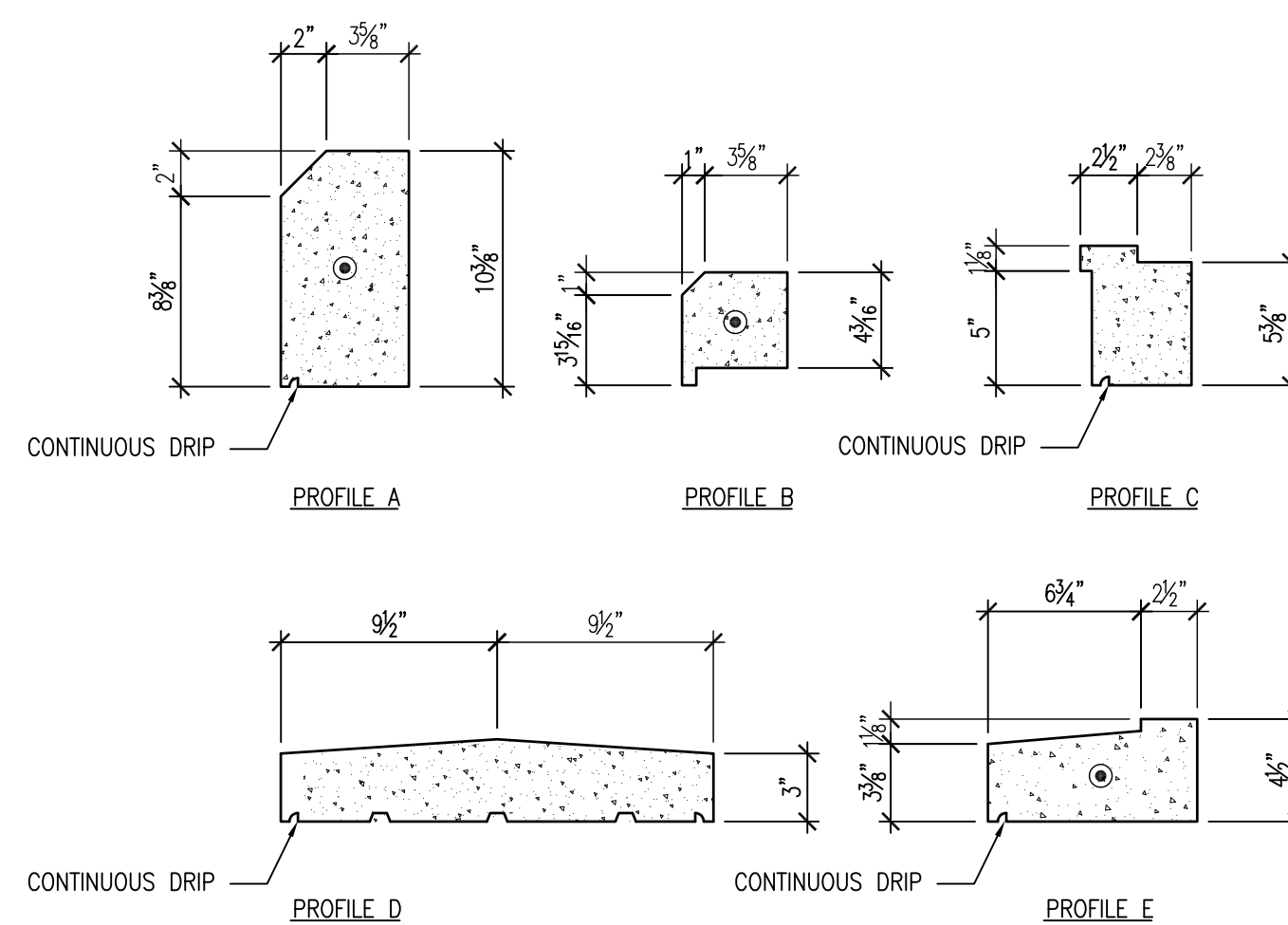


**2 SECTION DETAIL**  
1 1/2" = 1'-0"



**1 SECTION DETAIL**  
3" = 1'-0"

**4 CAST STONE PROFILES**  
1 1/2" = 1'-0"



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SECTION DETAILS

Sheet

**A-411**









GENERAL STRUCTURAL NOTES

CODES AND STANDARDS

- 1. 2016 CONNECTICUT STATE BUILDING CODE.
2. AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS" - AISI-10 (AISC)
3. AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" - ACI 318-II (ACI)
4. AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" ACI 530-II (ACI 530)
5. AMERICAN IRON AND STEEL INSTITUTE "NORTH AMERICAN SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, WITH SUPPLEMENT 1, DATED 2010 (AISI)

GENERAL

- 1. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING AND BRACING TO MAINTAIN THE STABILITY, SAFETY, AND LATERAL LOAD RESISTANCE OF THE BUILDING AND ITS INDIVIDUAL COMPONENTS THROUGHOUT CONSTRUCTION.
2. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST ARCHITECTURAL DRAWINGS.
3. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES. OPENINGS NOT SPECIFICALLY SHOWN SHALL BE APPROVED BY THE ARCHITECT AND ENGINEER.
4. DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE GENERALLY OBTAINED FROM THE ARCHITECT AND ARE INCLUDED AS INFORMATION COMPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. LAYOUT OF BUILDING FOUNDATIONS OR OTHER ITEMS MAY BE MADE USING THE DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS ONLY IF THE CONTRACTOR HAS COMPARED THESE DRAWINGS WITH THE ARCHITECTURAL DRAWING AND HAS RECEIVED CLARIFICATION FROM THE ARCHITECT, REGARDING ANY ERRORS, INCONSISTENCIES, OR OMISSIONS.
5. DO NOT SCALE DRAWINGS TO OBTAIN INFORMATION.

DEFERRED SUBMITTALS:

- 1. COLD FORMED METAL FRAMING.
2. STEEL CONNECTION DETAILING AND DESIGN FOR CONNECTIONS BETWEEN BEAMS, COLUMNS AND BRACES.

BUILDING DESIGN LOADS

1. DESIGN LIVE LOADS

LOBBIES: 100 PSF

2. SNOW LOADS

GROUND SNOW LOAD: PG = 30 PSF
IMPORTANCE FACTOR: IS = 1.0
FLAT ROOF SNOW LOAD: PF = 30 PSF
SNOW EXPOSURE FACTOR: CE = 1.0
THERMAL FACTOR: CT = 1.0

3. WIND LOADS

BASIC WIND SPEED: 91 MPH (ASD)/ 125 MPH (ULT)
WIND EXPOSURE CATEGORY: B
INTERNAL PRESSURE COEFF.: GCpi = +0.18

4. SEISMIC LOADS

SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS: Ss = 0.180
SPECTRAL RESPONSE ACCELERATION AT ONE-SECOND PERIODS: S1 = 0.063
SPECTRAL RESPONSE COEFFICIENTS: SDS = 0.143, SDI = 0.101
SEISMIC DESIGN CATEGORY: B
SITE CLASS: D
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE METHOD
IMPORTANCE FACTOR: IE = 1.0
SEISMIC RESPONSE COEFF.: Cs = 0.064
LATERAL LOAD RESISTING SYSTEMS: STRUCTURAL STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
R=3, CD=3

FOUNDATIONS

- 1. FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE PRESUMPTIVE VALUES SET FORTH IN THE STATE BUILDING CODE.
2. ALL FOOTINGS SHALL BEAR ON UNDISTURBED, NATURAL MATERIAL OR CONTROLLED STRUCTURAL FILL HAVING AN ALLOWABLE BEARING VALUE OF XX TONS PER SQUARE FOOT.
3. ALL FOOTINGS SHALL BEAR AT LEAST 3'-6" BELOW FINISH GRADE.
4. ELEVATIONS OF THE BOTTOM OF FOOTING SHOWN ON PLANS ARE FOR BIDDING PURPOSES AND REPRESENT THE HIGHEST ALLOWABLE ELEVATION. THE BOTTOM OF FOOTING SHALL BE LOWERED AS REQUIRED TO BEAR ON SUITABLE MATERIAL AS DEFINED ABOVE OR UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL.
5. EXISTING UN-COMPACTED FILLS WITHIN THE BUILDING FOOTPRINT SHALL BE REMEDIATED EITHER BY REMOVAL AND REPLACEMENT, OR GROUND IMPROVEMENT DESIGNED TO ACHIEVE 1.0 TON PER SQUARE FOOT BEARING CAPACITY.
6. FOR SLAB ON GRADE AREAS WITHIN BUILDING PERIMETER, REMOVE ALL SURFACE TOPSOIL, PAVEMENT, AND OTHER UNSUITABLE MATERIALS. REPLACE WITH COMPACTED GRANULAR FILL.
7. EXCEPT AS NOTED, FOUNDATION WALLS ARE GENERALLY NOT DESIGNED AS FREESTANDING RETAINING WALLS. AS SUCH THEY MUST BE BACKFILLED ON BOTH SIDES EQUALLY OR TEMPORARILY BRACED UNTIL OTHER STRUCTURAL ELEMENTS WHICH BRACE THESE WALLS ARE IN PLACE.
8. PIPES AND OTHER M.E.P. ELEMENTS SHALL PASS THROUGH FOUNDATION WALL, NOT UNDER FOOTINGS. STEP FOOTINGS AS REQUIRED TO PASS UNDER THESE SYSTEMS. PROVIDE SLEEVES FOR ALL PENETRATIONS IN FOUNDATION WALL.

REINFORCED CONCRETE

- 1. ALL CONCRETE SHALL BE NORMAL WEIGHT (UNLESS INDICATED AS LIGHT WEIGHT ON PLANS) WITH A 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:

WALLS AND FOUNDATIONS: 3000 PSI
SLABS ON GRADE: 4000 PSI

NORMAL WEIGHT CONCRETE TO HAVE A UNIT WEIGHT OF: 150-154PSF(NET)/146-150PSF(DRY)
LIGHT WEIGHT CONCRETE TO HAVE A UNIT WEIGHT OF: 120-125PSF(NET)/115-120PSF(DRY)

- 2. ALL CONCRETE EXPOSED TO FREEZE-THAW CYCLES SHALL BE AIR ENTRAINED.
3. ALL REINFORCING BARS SHALL BE HIGH STRENGTH DEFORMED BARS CONFORMING TO ASTM A 615 - GRADE 60.
4. ALL REINFORCING BARS FOR WELDING TO STRUCTURAL STEEL SHALL CONFORM TO ASTM A706 WELDABLE REINFORCING.
5. ALL REINFORCING BARS SHALL BE DETAILED IN ACCORDANCE WITH "ACI DETAILING MANUAL," SHOW THE NUMBER AND LOCATION OF ALL BAR SUPPORTS AND ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT IN POSITIONS INDICATED ON THE PLACING DRAWINGS.
6. MINIMUM CLEAR COVER FOR REINFORCEMENT WHEN NOT OTHERWISE INDICATED SHALL BE:
CONCRETE POURED AGAINST EARTH: 3"
CONCRETE POURED IN FORMS BUT EXPOSED TO EARTH OF WEATHER:
A. BARS #5 AND SMALLER: 1 - 1/2"
B. BARS LARGER THAN #5: 2"
SLABS, WALLS NOT EXPOSED TO EARTH OR WEATHER: 1"

- 7. NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR APPROVED BY THE STRUCTURAL ENGINEER. DEVELOPMENT / SPLICE LENGTH SHALL BE AS SHOWN ON THE TABLE IN THE TYPICAL DETAILS UNLESS OTHERWISE NOTED. VALUES SHOWN ARE IN INCHES. MAKE ALL BARS CONTINUOUS AROUND CORNERS.
8. SLABS, BEAMS AND WALLS SHALL HAVE NO JOINTS IN A HORIZONTAL PLANE. ANY STOP IN CONCRETE WORK MUST BE MADE AT CENTER OF SPAN OR AT CENTER OF SUPPORT WITH VERTICAL BULKHEADS, HORIZONTAL KEYS AND REINFORCING CONTINUING THROUGH. ALL CONSTRUCTION JOINTS SHALL BE AS DETAILED OR AS APPROVED BY THE STRUCTURAL ENGINEER.
9. WIRE MESH REINFORCEMENT MUST LAP ONE FULL MESH AT SIDE AND END LAPS, AND SHALL BE WIRED TOGETHER. PROVIDE ADEQUATE SUPPORTS FOR MESH TO ENSURE ITS LOCATION AS SHOWN ON DRAWINGS.

STRUCTURAL STEEL

- 1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UNLESS NOTED OTHERWISE ON THE DRAWINGS:

ALL WIDE FLANGE SHAPES: ASTM A572 OR A492, GRADE 50
ALL TUBULAR SECTIONS: ASTM A500, GRADE B
ALL PIPE SECTIONS: ASTM A53, GRADE B
ANCHOR RODS: ASTM F1554, GRADE 55
ALL WELD, PLATES AND CONNECTION MATERIALS: ASTM A56

- 2. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ASD OR LRFD AND THE AISC CODE OF STANDARD PRACTICE.
3. WIND/SEISMIC CONNECTIONS: LATERAL LOAD CONNECTIONS INDICATED ON THE DRAWING ARE IN ADDITION TO THE GRAVITY CONNECTIONS REQUIRED.
4. ALL HIGH STRENGTH BOLTS SHALL CONFORM TO THE CURRENT SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS AS ENDORSED BY AISC. ALL BEAM TO COLUMN CONNECTIONS SHALL BE MADE WITH HIGH STRENGTH BOLTS AND SHALL BE FULLY TENSIONED. ALL OTHER HIGH STRENGTH BOLTED CONNECTIONS MAY BE SNUG TIGHT UNLESS NOTED AS SLIP CRITICAL ON DRAWING.
5. THE STRUCTURAL STEEL FABRICATOR SHALL SUBMIT CALCULATIONS FOR EACH TYPE OF CONNECTION UTILIZED ON THE PROJECT.
6. CALCULATIONS SHALL BE PREPARED BY A REGISTERED PROFESSIONAL ENGINEER. CONNECTIONS INCLUDE, BUT ARE NOT LIMITED TO, GRAVITY FRAME CONNECTIONS, MOMENT CONNECTIONS, AND BRACED FRAMING CONNECTIONS.
7. UNLESS SPECIFICALLY NOTED, STEEL DETAILS SHOWN ON THE DRAWINGS ARE FOR CONCEPT ONLY AND DO NOT INDICATE THE REQUIRED NUMBER OF BOLTS, SIZE OF WELD, ETC.
8. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY (AWS) STRUCTURAL WELDING CODE - STEEL D1.1, LATEST EDITION. USE E70XX ELECTRODES UNLESS NOTED OTHERWISE.
9. ALL STEEL DECK SHALL BE DETAILED, ERECTED AND FASTENED IN ACCORDANCE WITH THE MANUFACTURER'S SUGGESTED SPECIFICATIONS AND THE CURRENT STEEL DECK INSTITUTE SPECIFICATIONS.
10. PROVIDE ALL PLATES, CLIP ANGLES, CLOSURE PIECES, STRAP ANCHORS, MISCELLANEOUS PIECES, AND HOLES REQUIRED TO COMPLETE THE STRUCTURE.
11. ALL LINTELS SHALL HAVE 6" MINIMUM BEARING EACH END UNLESS NOTED OTHERWISE.
12. CONTRACTOR TO PROVIDE AND INSTALL LOOSE STEEL LINTELS AT ALL OPENINGS (DOORS, WINDOWS, DUCTS, PASSAGEWAYS, ETC) IN EXTERIOR WALLS. STEEL EXPOSED TO WEATHER SHALL BE HOT DIP GALVANIZED. UNLESS OTHERWISE NOTED ON PLANS OR SECTIONS PROVIDE LINTELS ACCORDING TO THE FOLLOWING SCHEDULE:

Table with 2 columns: LINTEL and SPAN. LINTEL values: L3 1/2x3 1/2x3/8, L4x3 1/2x3/8, L5x3 1/2x3/8, L6x3 1/2x3/8. SPAN values: UP TO 4'-0", 4'-1" TO 5'-0", 5'-1" TO 6'-0", 6'-1" TO 7'-0"

POST-INSTALLED FASTENERS AND ANCHORS

- 1. ALL HOLES INTO MASONRY OR CONCRETE WALLS FOR PROPRIETARY ANCHORING SYSTEMS SHALL BE DRILLED AND CLEANED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
2. ALL PROPRIETARY ANCHORING SYSTEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND USING ALL RECOMMENDED ACCESSORIES AND SUPPLEMENTAL COMPONENTS SUCH AS SCREEN TUBES, WASHERS, ETC.
3. ALL HOLES IN HOLLOW MASONRY SHALL BE DRILLED WITH ROTARY DRILLS. HAMMER DRILLS ARE NOT PERMITTED.
4. ALL EPOXY ADHESIVE SHALL BE HILTI RE-500, SIMPSON ET OR APPROVED EQUAL. UNO.
5. ALL ACRYLIC ADHESIVE SHALL BE HILTI HIT (HY200 OR HY10), SIMPSON AT OR APPROVED EQUAL. UNO.
6. ALL CONCRETE/MASONRY SCREW ANCHORS SHALL BE HILTI HU-5-H, SIMPSON TITEN, ITM TAP-CON OR APPROVED EQUAL. UNO.
7. ALL EXPANSION ANCHORS SHALL BE HILTI KNK-BOLT 3, SIMPSON WEDGE-ALL OR APPROVED EQUAL. UNO.

STANDARD STRUCTURAL ABBREVIATIONS

Table with 3 columns of abbreviations and their corresponding full names. Includes terms like AAC, AFF, ALT, ALUM, ANCH, APPR, APPROX, ARCH, ASPH, etc.



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Glastonbury Town Hall
New Entry Addition
GL-2017-39

Town of Glastonbury
2155 Main Street
Glastonbury CT, 06033

Structural Engineer



Morrissey Engineering, LLC
58 Essex Street, Deep River, CT06417
phone 860-532-0312

MEP Engineer



BEMIS ASSOCIATES, LLC
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Revisions

Table with 2 columns: NO. and DATE. Contains one entry: 1 ISSUED FOR BID 07.19.2017

Sheet Information

Table with 2 columns: Field and Value. Includes Date (07.19.2017), Job Number (146.02.001), Scale (AS NOTED), Drawn (EAM), Checked (DJM)

Title

GENERAL NOTES

Sheet

S-100







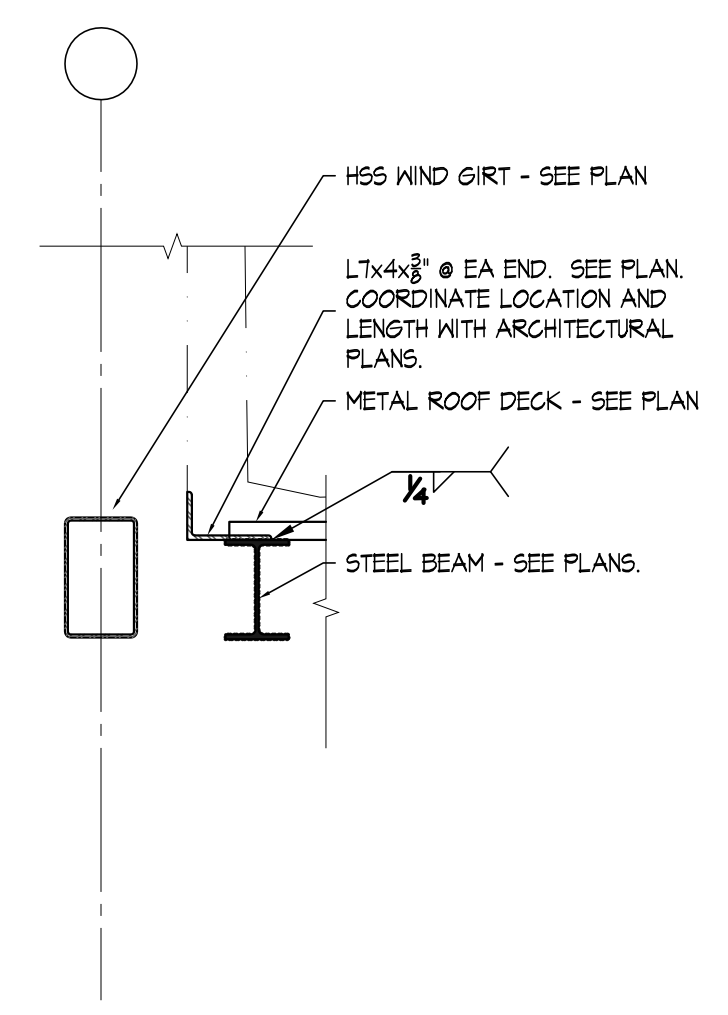




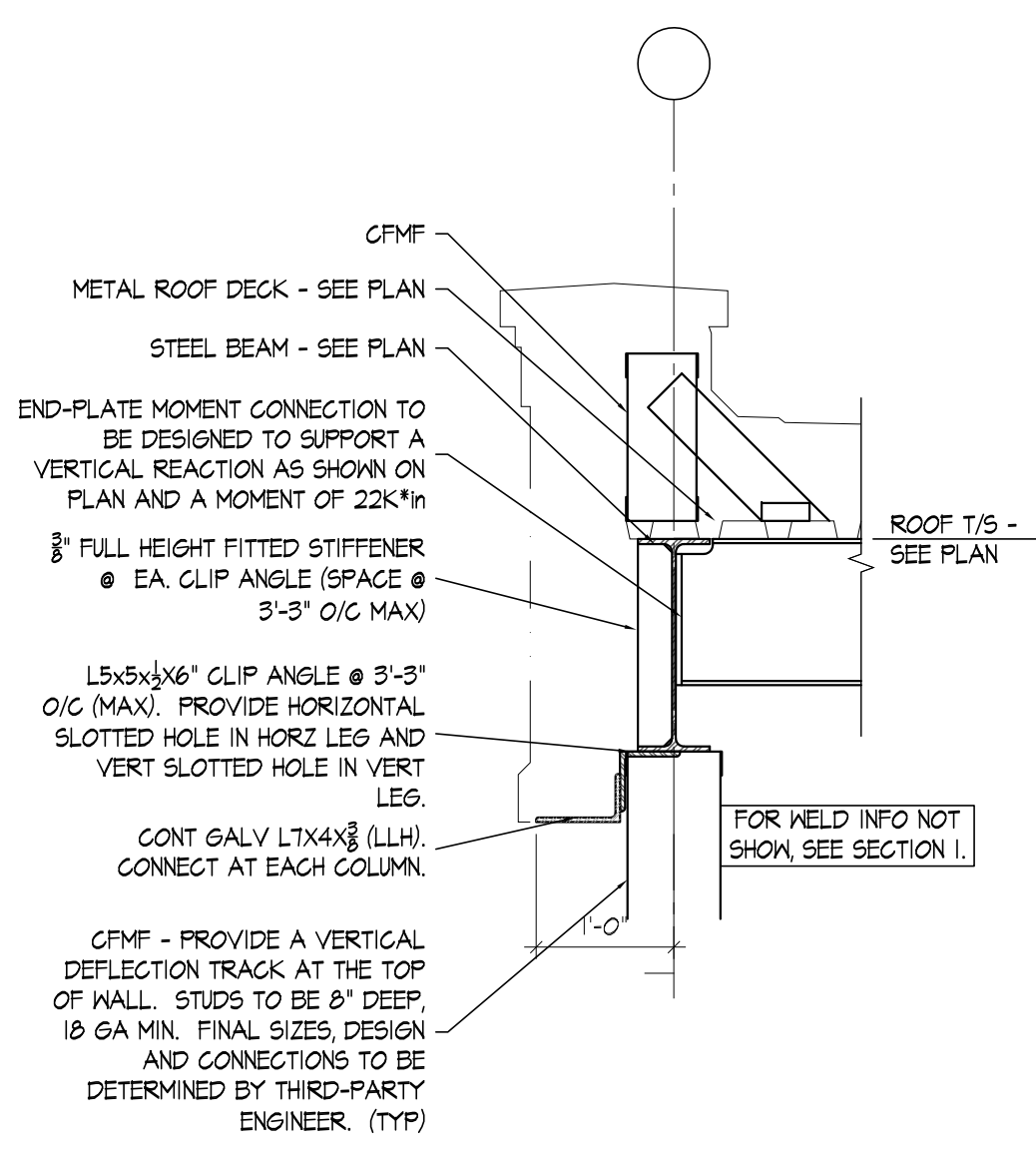




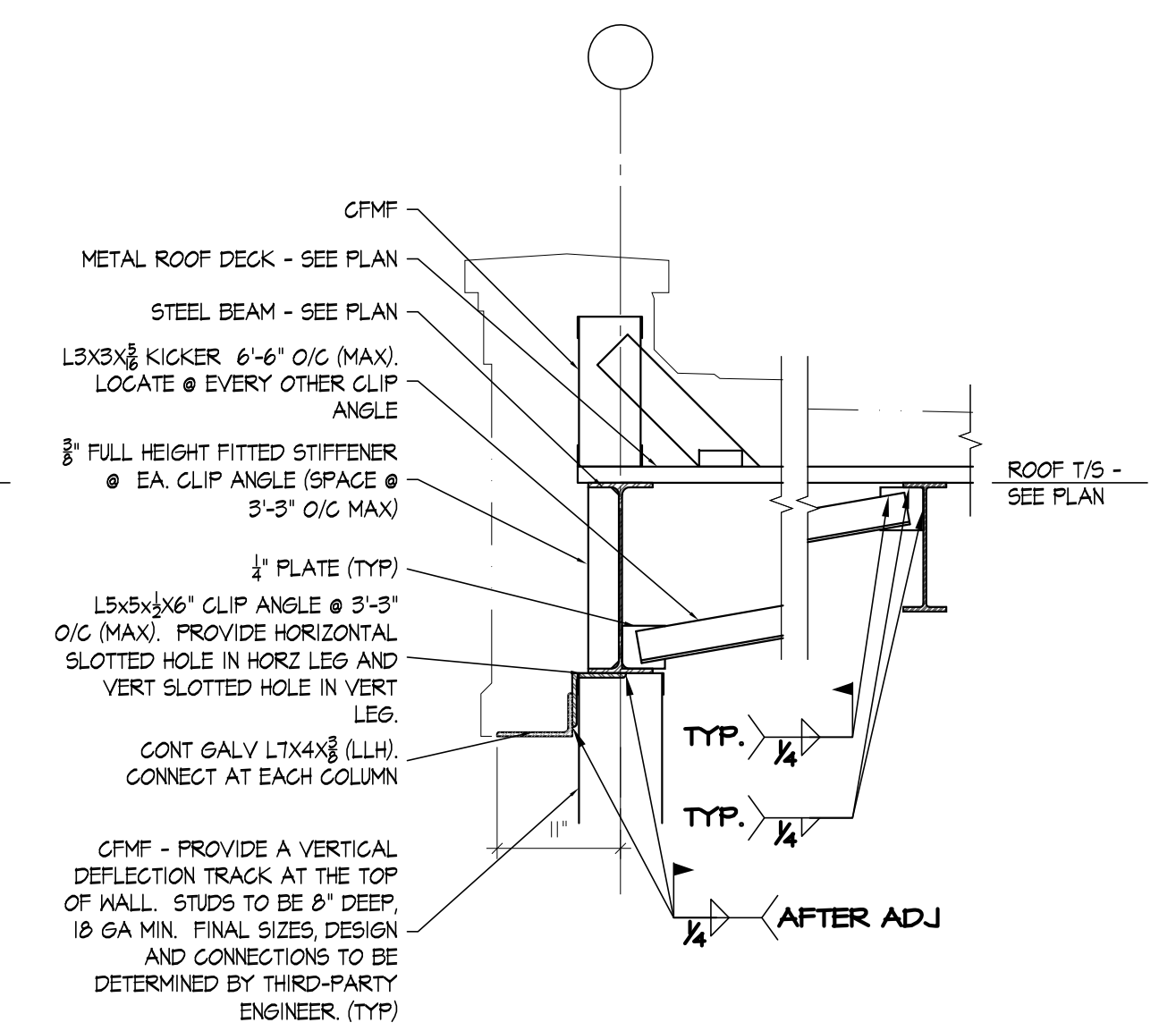
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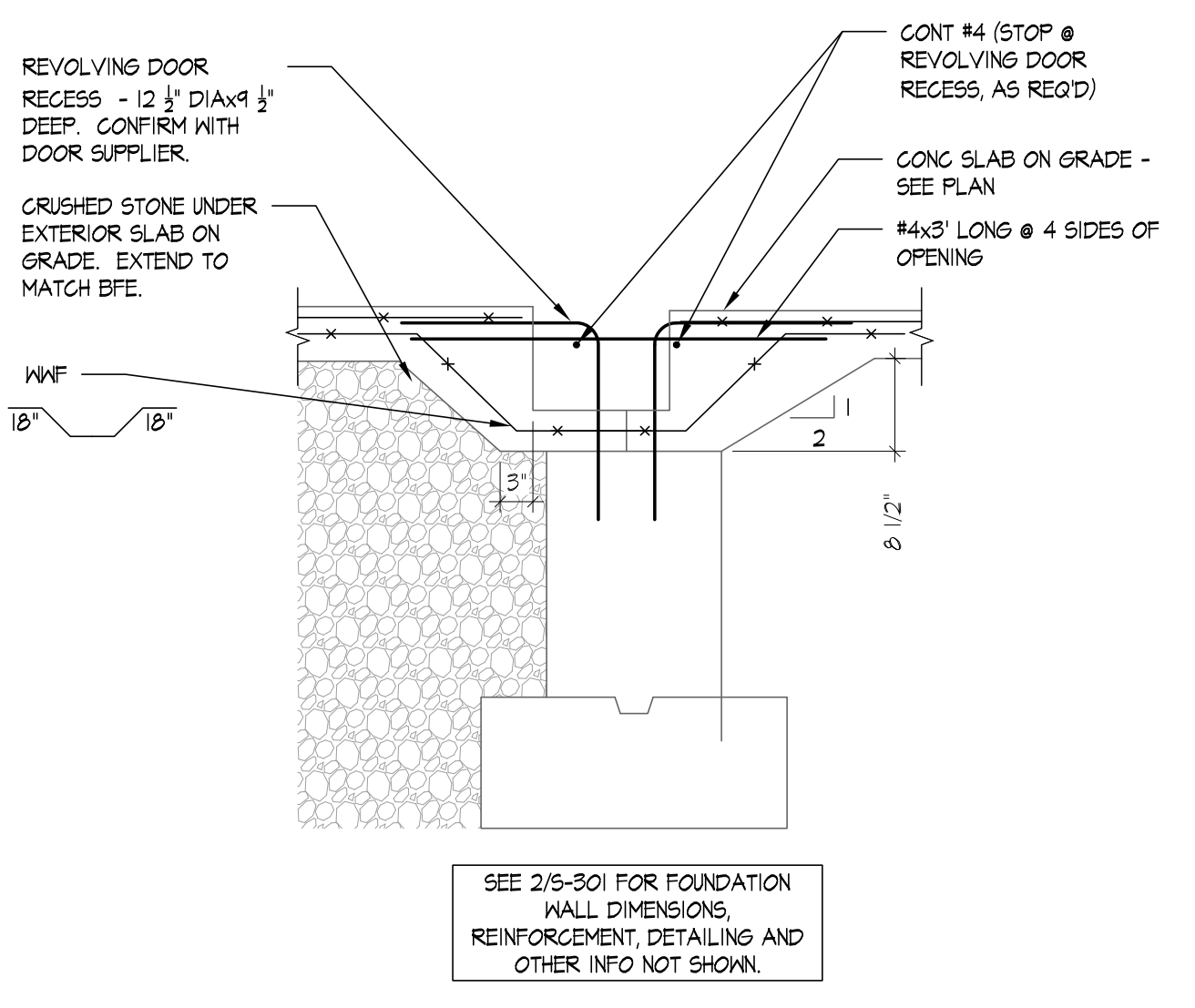
7 DETAIL  
5-400 3/4" = 1'-0"



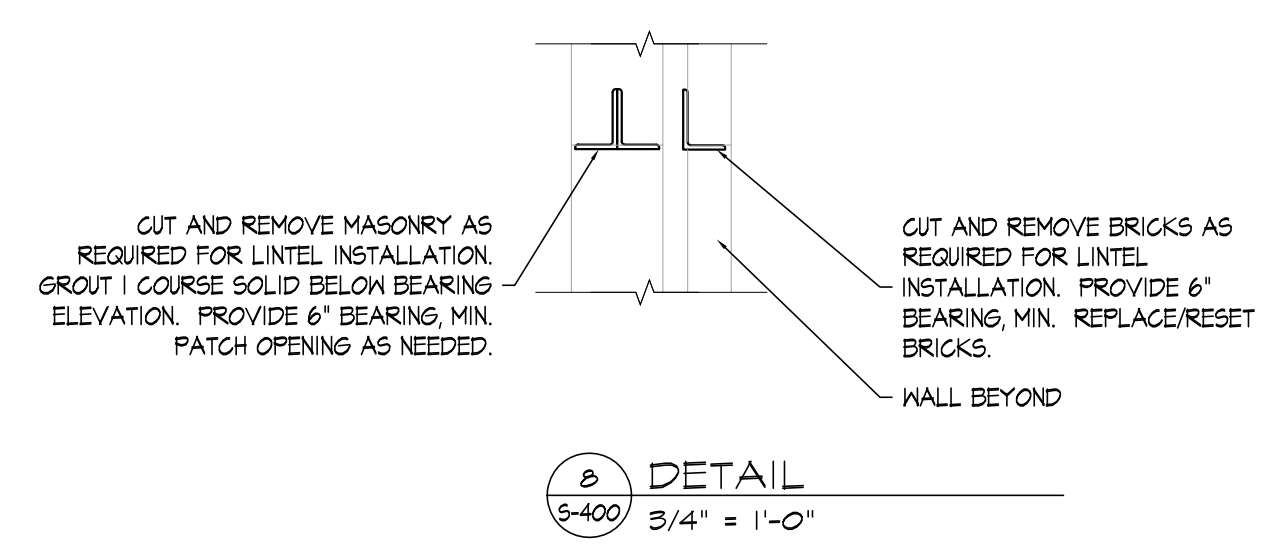
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5-400 3/4" = 1'-0"



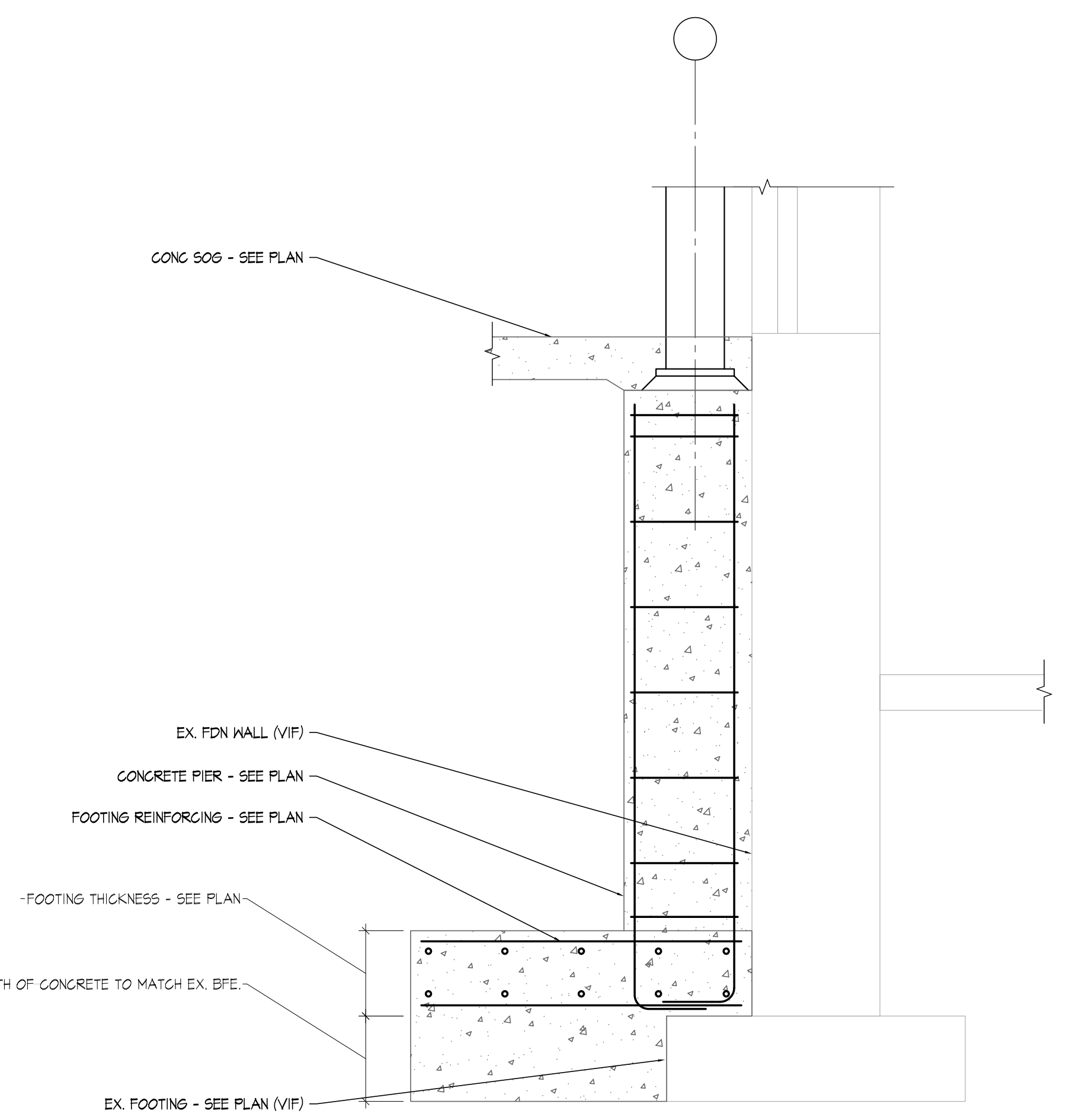
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5-400 3/4" = 1'-0"



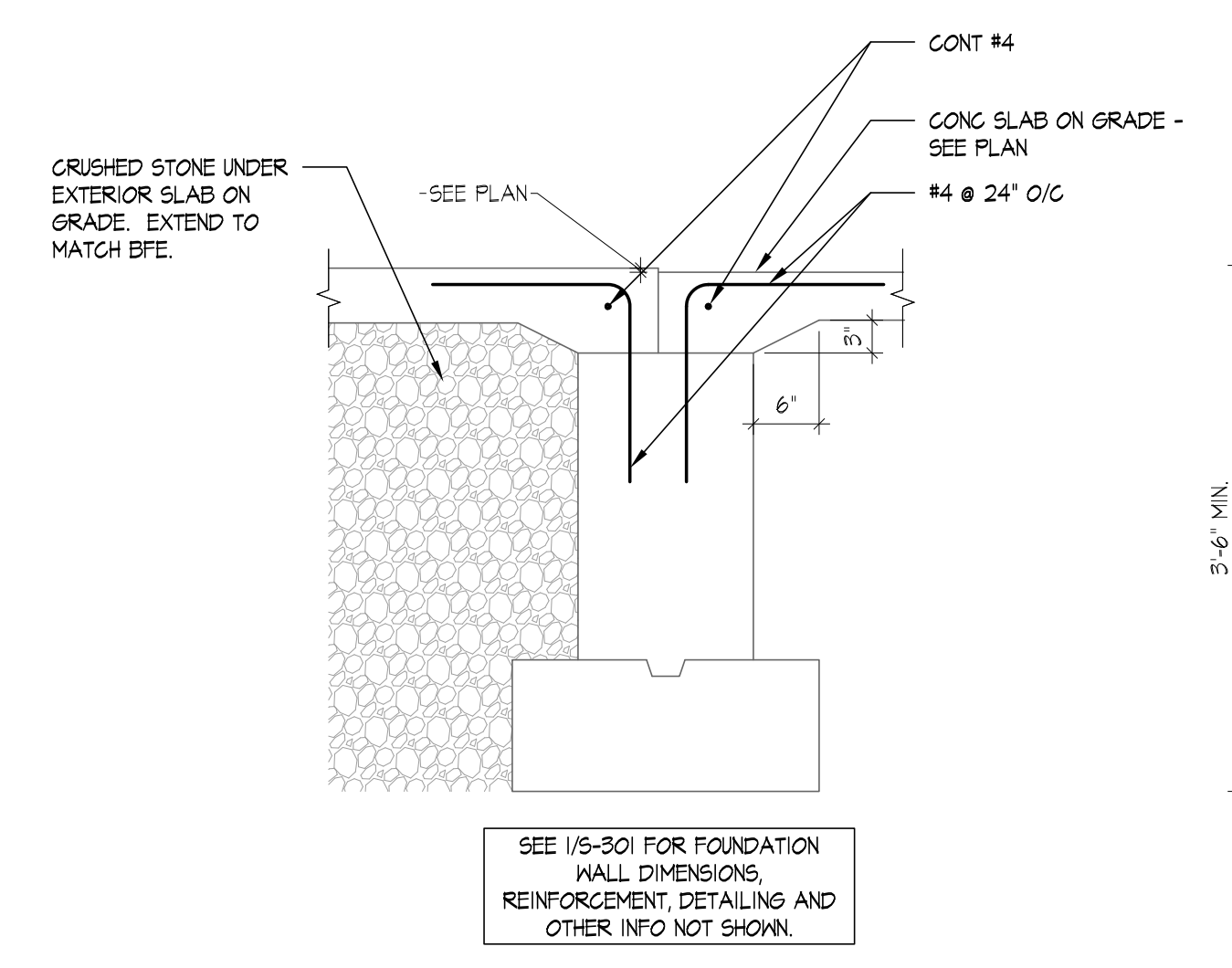
4 DETAIL  
5-400 3/4" = 1'-0"



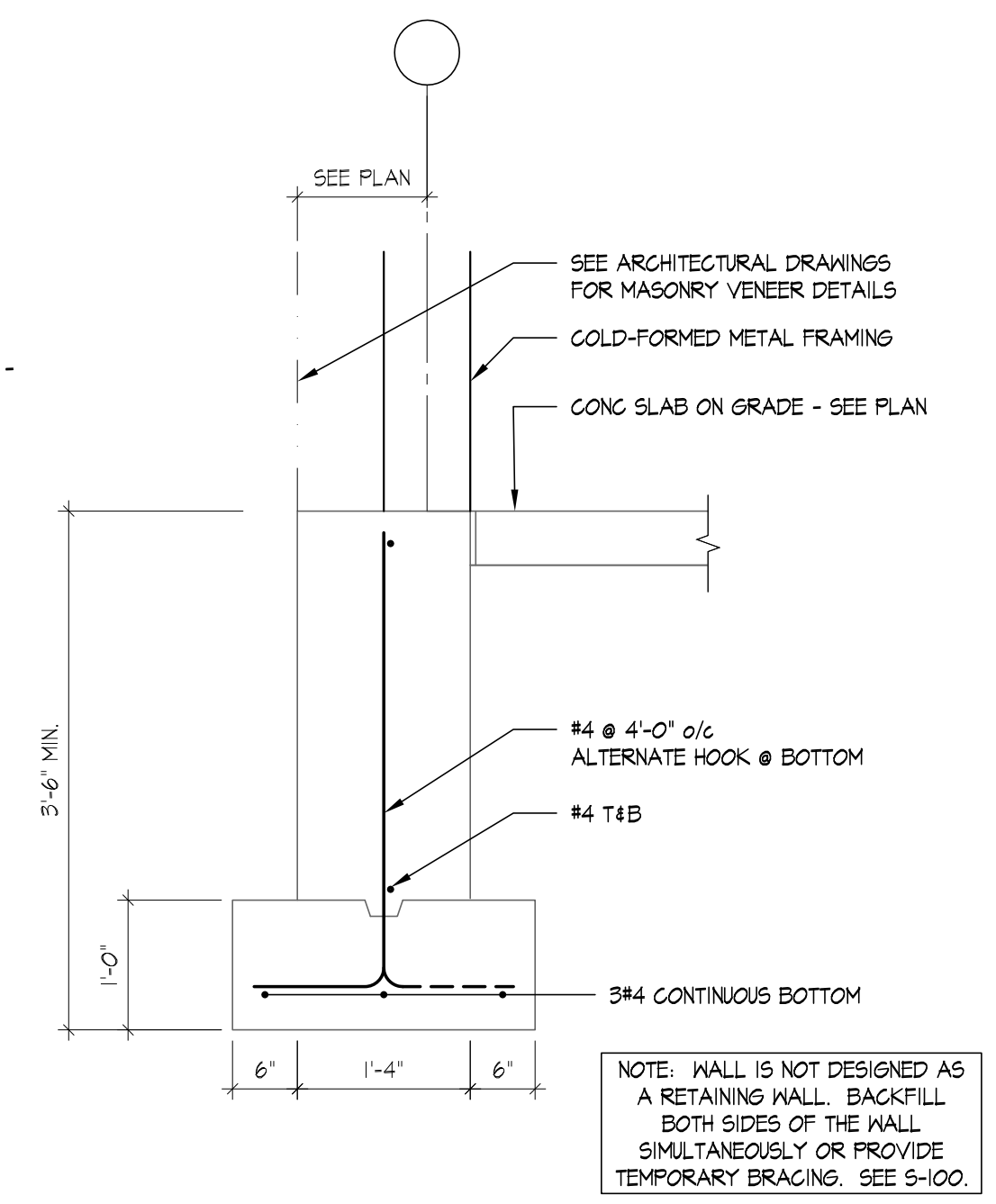
8 DETAIL  
5-400 3/4" = 1'-0"



3 DETAIL  
5-400 3/4" = 1'-0"



2 DETAIL  
5-400 3/4" = 1'-0"



1 DETAIL  
5-400 3/4" = 1'-0"

Glastonbury Town Hall New Entry Addition GL-2017-39

Town of Glastonbury 2155 Main Street Glastonbury CT, 06033

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Revisions		
NO.	ISSUE	DATE
1	ISSUED FOR BID	07.19.2017
	ISSUE	DATE

Sheet Information		
Date	Job Number	Scale
07.19.2017	146.02.001	AS NOTED
		EAM
		DJM

SECTIONS

Sheet

S-400