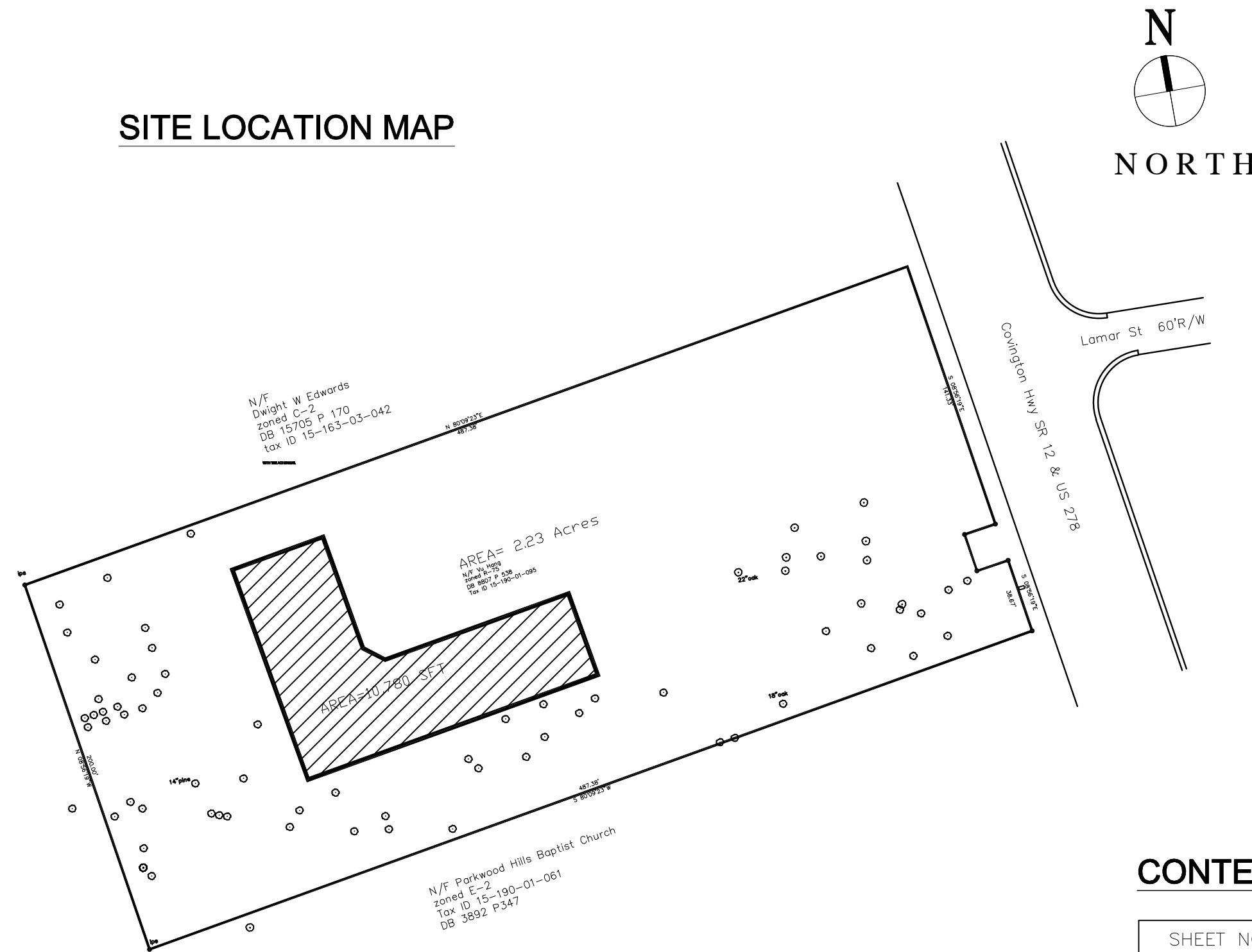


SITE LOCATION MAP



SYMBOLS LEGEND

- SECTION CUT INDICATION: SECTION NUMBER, SHEET NUMBER
- PLAN DETAIL INDICATION: DETAIL NUMBER, DETAIL AREA, SHEET NUMBER
- ELEVATION INDICATION: ELEVATION NUMBER, SHEET NUMBER
- GENERAL NOTES: 4) NUMBERS REFER TO NOTES OF SPECIFIC SHEETS
- ELEVATION TARGET: HEIGHTS 10'-0" ABOVE FINISHED FLOOR, CENTERLINE

TWIN DIAMOND PLAZA

4717 COVINGTON HIGHWAY,
DECATUR, GA 30035



CONTENT SHEET

SHEET NOS.	TITLE	REVISION	MARK
ARCHITECTURAL			
A-0	COVER PAGE	RO	
A-1	DESIGN NOTES	RO	
A-2	FLOOR PLAN	RO	
A-3	ROOF FRAMING PLAN	RO	
A-4	ELEVATIONS	RO	
A-5	SECTIONS	RO	
A-6	WALL SECTIONS	RO	
A-7	WALL TYPE AND DETAILS	RO	
A-8	ROOF CUT SECTIONS	RO	
A-9	TYPICAL DOOR & WINDOWS DETAILS	RO	
A-10	ROOF DETAILS	RO	
A-11	CANOPY & SECTIONAL DETAILS	RO	
STRUCTURAL			
S-1	FOUNDATION PLAN	RO	
S-2	ROOF FRAMING PLAN	RO	
S-3	FOUNDATION DETAILS - 1	RO	
S-4	FOUNDATION DETAILS - 2	RO	
S-5	ROOF DETAILS - 1	RO	
S-6	ROOF DETAILS - 2	RO	
S-7	ROOF DETAILS - 3	RO	
S-8	GENERAL DETAILS	RO	
S-9	JOIST DETAILS	RO	
S-10	MISC. DETAILS - 1	RO	
S-11	MISC. DETAILS - 2	RO	
S-12	MISC. DETAILS - 3	RO	

ABBREVIATION

- | | | |
|--|--|---|
| <p>A A/C AIR CONDITION
AB ANCHOR BOLT
ACT ADJUSTABLE, ADJACENT
AD ADJUSTABLE, ADJACENT
AFF ABOVE REF. FINISHED FLOOR (SLAB)
AHU AIR HANDLER UNIT
ALT ALTERNATE
ALUM ALUMINUM
AND AND
ARCH ARCHITECT
AUTO AUTOMATIC</p> <p>B BO BOTTOM OF BOARD
BLDG BUILDING
BM BEAM
BRG BEARING
BTM BOTTOM
BUR BUILT UP ROOF</p> <p>C CB CATCH BASIN
CG CORNER GUARD
CJ CONTROL JOINT
CL CENTER LINE
CLG CEILING
CLO CLOSET
CLR CLEAR
CMU CONCRETE MASONRY UNIT
CO CLEAN OUT
COL COLUMN
CONC. CONCRETE
CONST CONSTRUCTION
CONT. CONTINUOUS
CONTR CONTRACTOR
CORR CORRIDOR
CT CERAMIC TILE
CTR CENTER
CU CONDENSING UNIT
CW COLD WATER</p> <p>D DBL DOUBLE
DEPT DEPARTMENT
DET DETAIL
DF DRINKING FOUNTAIN
DIM DIMENSION
DISP DISPENSER
DN DOWN
DS DOWN SPOUT
DWG DRAWING</p> <p>E EA EACH
EB EXPANSION BOLT
EFS EXTERIOR INSULATING FINISH SYSTEM
EJ EXPANSION JOINT</p> | <p>E A/C AIR CONDITION
AB ANCHOR BOLT
ACT ADJUSTABLE, ADJACENT
AD ADJUSTABLE, ADJACENT
AFF ABOVE REF. FINISHED FLOOR (SLAB)
AHU AIR HANDLER UNIT
ALT ALTERNATE
ALUM ALUMINUM
AND AND
ARCH ARCHITECT
AUTO AUTOMATIC</p> <p>F FACP FIRE ALARM CONTROL PANEL
FD FLOOR DRAIN
FDN FOUNDATION
FIN FINISHED FLOOR
FLR FLOOR
FR FIRE RESISTANT
FR-S FIRE-RETARDANT WOOD TREATMENT
FT FEET, FOOT
FTG FOOTING
FUR FURRING
FUT FUTURE</p> <p>G GA GAUGE
GAL GALLON
GALV GALVANIZED
GB GRAB BAR
GC GENERAL CONTRACTOR
GYP GYPSUM</p> <p>H HB HOSE BIBB
HC HOLLOW CORE
HDW HARDWARE
HM HOLLOW METAL
HORIZ HORIZONTAL
HR HOUR
HT HEIGHT
HTG HEATING, VENTILATION & AIR CONDITIONING
HW HOT WATER</p> <p>I ID INSIDE DIAMETER
IN INCH
INCL INCLUDING
INSUL INSULATION
INT INTERIOR
INV INVERT</p> <p>J JAN JANITOR
JB JUNCTION BOX
JT JOINT</p> <p>L L LENGTH
LAM LAMINATE</p> | <p>L LAV LAVATORY
LBL LABEL
LBS LBS
LF LINEAR FEET
LT WT LIGHT WEIGHT</p> <p>M MAS MASONRY
MAX MAXIMUM
MECH MECHANICAL
MFR MANUFACTURER
MH MANHOLE
MIN MINIMUM
MIN MINUTE
MISC MISCELLANEOUS
MLDG MOLDING
MO MASONRY OPENING
MR MOISTURE RESISTANT
MTD MOUNTED
MTL METAL
MUL MULLION</p> <p>N NIC NOT IN CONTRACT
NOM NOMINAL
NTS NOT TO SCALE</p> <p>O OC ON CENTER
OD OUTSIDE DIAMETER
OPP OPPOSITE
OVFL OVERFLOW</p> <p>PL PLATE
PLAM PLASTIC LAMINATE
PLAS PLASTER
PLBG PLUMBING
PLWD PLYWOOD
PNL PANEL
PR PAIR
PRFAB PREFABRICATED
PT POINT
PTD PRESSURE TREATED PAPER TOWEL DISPENSER
PVC POLY VINYL CHLORIDE</p> <p>Q QT QUARRY TILE</p> <p>R R RADIUS, RISER
RD THERMAL RESISTANCE
ROOF DRAIN
RED RECEPTACLE
REF REFERENCE
REFR REFRIGERATOR
REG REGULATE
REINF REINFORCEMENT
REQ REQUIRED
REV REVISION
RM ROOM
RND ROUND
RO ROUGH OPENING
RTU ROOF TOP UNIT</p> |
|--|--|---|

APPROVAL AUTHORITIES

OWNER	ARCHITECT	ENGINEER	MUNICIPALITIES
Qualperf, LLC, 2168 Hunter Pl, Santa Clara, GA 95054 Tel: 408.646.1711	Mitchell Architects 6031 I-20 West Suite 260 Arlington, Texas 76017 Tel: (817) 265-2415 Fax: (817) 277-0511	JOE.P.HILL,PE 009840 1801 N. HAMPTON RD, SUITE 440 DESOTO,TX 75115-2399 TEL: 972-283-5111	Dekalb County Dekalb County Permit 330 West Ponce de Leon Avenue Decatur, GA 30030 Tel: 404.371.4915
SIGN. & SEAL	SIGN. & SEAL	SIGN. & SEAL	SIGN. & SEAL

General Notes

- ALL WORK IS TO BE PERFORMED IN COMPLIANCE WITH INTERNATIONAL BUILDING CODE 2000 CODES. SECURE ALL REQUIRED PERMITS AND APPROVALS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION.
- THE WRITTEN DIMENSIONS PREVAIL ON THE CONSTRUCTION DOCUMENTS, DO NOT SCALE THESE DRAWINGS. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD, IF ANY DISCREPANCY OCCURS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ENGINEER IN WRITING BEFORE PROCEEDING WITH ANY WORK AFFECTED BY THE DISCREPANCY.
- CONTRACTORS TO SECURE ALL PERMITS AND REQUIRED INSPECTIONS NECESSARY TO OBTAIN A CERTIFICATE OF OCCUPANCY.
- CONTRACTORS ARE TO PROVIDE ALL TEMPORARY UTILITIES AND INFRASTRUCTURE REQUIRED TO PERFORM THE WORK, INCLUDING FIRE PROTECTION AS REQUIRED DURING CONSTRUCTION.
- THE SUBCONTRACTORS ARE TO EXAMINE AND VERIFY ALL THE DIMENSIONS AND EXISTING CONDITIONS BOTH ON THE PLANS AND IN THE FIELD. NOTIFY THE OWNER AND BUILDER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO PROCEEDINGS WITH CONSTRUCTION.
- PRODUCTS SPECIFIED OR OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS SHALL NOT BE SUBSTITUTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT.
- THIS CONTRACTOR SHALL COORDINATE ALL TRADES REQUIRED TO COMPLETE THIS PROJECT AS REQUIRED TO ACTIVATE THE USE OF THE FACILITY AS PLANNED.
- THE CONTRACTOR SHALL HAVE INSTALLATION INSTRUCTIONS FOR ALL EQUIPMENT AND APPLIANCES ON SITE AT TIME OF INSPECTION.
- BUILDER TO FIELD VERIFY AND COORDINATE UTILITY CONNECTIONS, THEIR ROUTING, METER LOCATIONS, HOSE BIBS AND OTHER ASSOCIATED ITEMS. CONTRACTOR IS TO HAVE ALL EXISTING UTILITY LOCATIONS LOCATED BY ITS RESPECTIVE AUTHORITY AND CONNECTIONS TO THOSE UTILITIES SHOULD TAKE THE MOST DIRECT ROUTE TO THE BUILDING. MEN CEMENT OF ANY CONSTRUCTION.
- BUILDER TO COORDINATE TOP OF FOUNDATION WALL ELEVATIONS WITH INFORMATION INDICATED IN STRUCTURAL PLANS AND WITH FINAL GRADING.
- UNLESS OTHERWISE NOTED PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION. ALL SITE GRADING SHOULD BLEND NATURALLY WITH EXISTING GRADES USING A MAX. SLOPE OF 3.1.

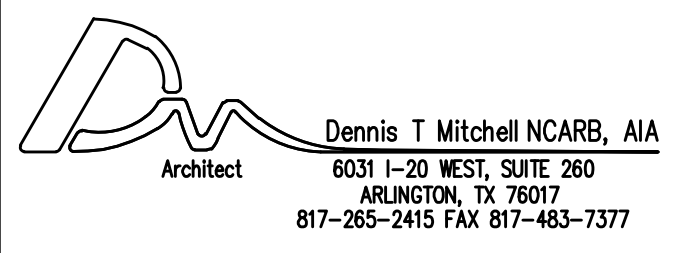
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ARCHITECT



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SHT 1 OF 1	

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GENERAL NOTES

FOUNDATION:

1. ALL EXCAVATION, GRADING AND BACK FILLING SHALL BE IN ACCORDANCE WITH SECTION 02220 OF THE ORIGINAL SPECIFICATIONS. CONTACT THE OWNER.
2. ALL FOOTINGS SHALL BE FOUNDED ON FIRM INSITE SOILS U.O.N.

CONCRETE:

1. CONCRETE WORK SHALL BE EXECUTED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE BUILDING CODE (ACI-318-02).
2. CONCRETE AND REINFORCING SPECIFICATIONS AS FOLLOWS:

	28 DAY STRENGTH	SACK CONTENT	AGGREGATE	SLUMP
Typical	3,000 PSI	5/C.Y.	H.R.	4" TO 6"
Footings	3,000 PSI	5/C.Y.	H.R.	4" TO 6"

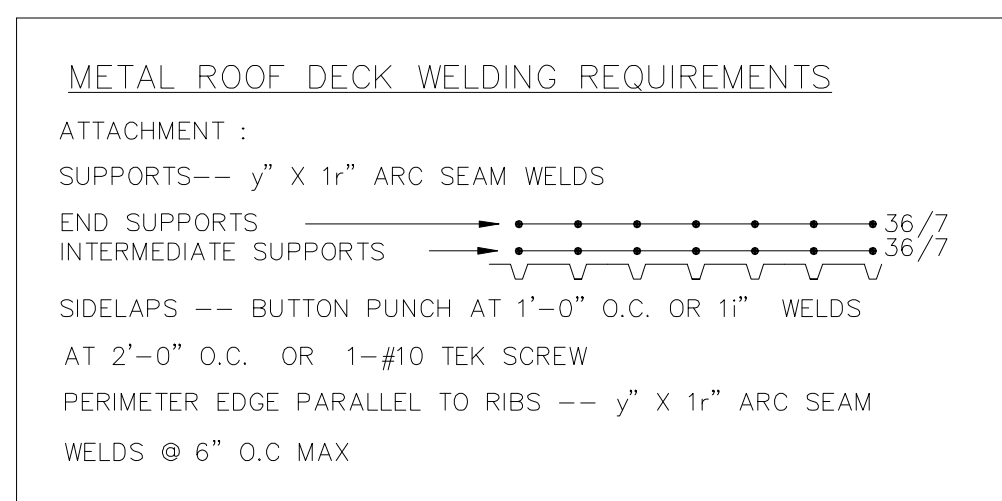
3. PORTLAND CEMENT SHALL CONFORM TO ASTM C-33.
4. REINFORCING STEEL SHALL CONFORM TO ASTM 615, GRADE 60; GRADE 40 FOR STIRRUPS AND TIES.
5. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A82, GRADE 60.
6. REINFORCING STEEL SHALL BE DESIGNED, DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES." (ACI 315)
7. SLAB REINFORCING SHALL BE #4 BARS AT 18" O.C. AND LOCATED IN THE TOP THIRD OF THE SLAB UNLESS OTHERWISE NOTED ON THE DRAWINGS.
8. ALL GRADE BEAM AND FOOTING REINFORCING TO BE AS SHOWN IN SECTIONS ON THE DRAWINGS.
9. PROVIDE 2 - #5 BARS EACH SIDE OF ALL OPENINGS. EXTEND BARS 2'-0" PAST OPENINGS EACH DIRECTION.
10. CORNER REINFORCING BARS SHALL BE USED AT ALL CORNERS AND INTERSECTIONS. SEE TYPICAL DETAIL "1/SO.2".
11. REINFORCING SPLICES SHALL OCCUR AT POINTS OF MINIMUM STRESS AND LAP 30 BAR DIAMETERS UNLESS NOTED OTHERWISE. SEE TYPICAL DETAIL "3/SO.2".
12. LAP ALL WELDED WIRE FABRIC EIGHT (8) INCHES MINIMUM.
13. FLOOR SLABS SHALL BE PLACED IN SECTIONS, SEPARATED BY CONSTRUCTION JOINTS AS REQUIRED BY CONCRETE SUB-CONTRACTOR. SEE TYPICAL DETAIL "4A/SO.2".
14. WHEREVER A CONSTRUCTION JOINT PER DETAIL 4A/SO.2 OCCURS IN THE SLAB, IT SHALL ALSO OCCUR IN THE GRADE BEAM/FOOTING, OR VICE-VERSA, AT MID-SPAN BETWEEN FOOTINGS. SEE TYPICAL DETAIL 2/SO.2.
15. FLOOR SLABS SHALL HAVE CONTROL JOINTS AT EACH COLUMN LINE, EACH DIRECTION, OR AT TWENTY (20) FEET ON CENTER EACH DIRECTION, WHICH EVER IS LESS. SEE TYPICAL DETAIL 4B/SO.2 AND FOUNDATION PLANS.
16. ALL INTERIOR FLOOR AREAS THAT DO NOT RECEIVE RESILIENT FLOORING OR SURFACE MATERIAL SHALL BE SEALED. THE TIMING OF THE APPLICATION OF THIS MATERIAL MUST BE APPROVED BY THE ENGINEER. THE MATERIAL IS TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTRUCTIONS. (TWO COATS MINIMUM)
17. ALL INTERIOR CONCRETE FLOOR WORK SHALL BE COATED WITH CURING COMPOUND. APPLICATION SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.
18. ALL EXTERIOR CONCRETE WALKS AND DRIVES SHALL BE CONSTRUCTED USING AIR-ENTRAINED CONCRETE. SUFFICIENT AIR-ENTRAINING AGENT SHALL BE USED TO REDUCE THE WEIGHT OF THE CONCRETE BY 6% TO 8%.

STRUCTURAL STEEL:

1. STRUCTURAL STEEL SHALL BE ASTM A992, GR. 50 STEEL U.O.N.
2. ALL MISCELLANEOUS SHAPES, SUCH AS ANGLES, CHANNELS AND PLATES SHALL BE A36 GRADE STEEL U.O.N.
3. ALL ROUND TUBING SHALL BE ASTM A-53, GRADE B (TYPE S) (Fy = 36.0 KSI).
4. ALL SQUARE OR RECTANGULAR TUBING SHALL BE ASTM A-500, GRADE B (Fy = 46.0 KSI).
5. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC SPECIFICATIONS, 9TH EDITION, (ASD).
6. ALL SHOP AND FIELD WELDING SHALL BE EXECUTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY SPECIFICATIONS.
7. ALL STRUCTURAL STEEL, EXCEPT EMBEDDED ITEMS SHALL BE PAINTED WITH ONE SHOP COAT OF TNEMEC NO. 10-99 RED PRIMER; 2-MILS. SEE SPECIFICATIONS.
8. ALL STEEL EMBEDDED ITEMS SHALL NOT BE PAINTED.
9. REPRODUCTIONS OF THE CONTRACT DOCUMENTS ARE NOT PERMITTED.
10. CAD FILES WILL NOT BE AVAILABLE DURING THE BIDDING PROCESS NOR WILL THEY BE AVAILABLE DURING THE CONSTRUCTION PHASE UNTIL AFTER ALL SHOP DRAWINGS HAVE BEEN REVIEWED.
11. THESE DRAWINGS SHALL NOT BE SCANNED NOR USED IN THE SHOP DRAWING PHASE AT ALL.
12. COORDINATE ALL STRUCTURAL FRAMING CONDITIONS WITH THE ARCHITECTURAL DRAWINGS.
13. ANY WELDING NOT SHOWN SHALL BE A MINIMUM OF 3/16" FILLET WELD.

METAL ROOF DECK: (TYP. U.O.N.)

1. METAL ROOF DECK SHALL BE 1-1/2", 22 GA., INTERMEDIATE RIB METAL DECK (PAINTED).
2. ALL METAL ROOF DECK SHALL BE ERECTED IN ACCORDANCE WITH THE SDI SPECIFICATIONS, AND SHALL SPAN A MINIMUM OF THREE (3) CONTINUOUS SPANS.
3. ALL DECK SHALL BE ATTACHED TO THE STRUCTURAL STEEL ACCORDING TO THE FOLLOWING TABLE:



MASONRY:

1. ALL MASONRY CONSTRUCTION TO FOLLOW THE NATIONAL CONCRETE MASONRY ASSOCIATION SPECIFICATIONS FOR REINFORCED MASONRY.
2. ALL MASONRY UNITS TO HAVE A MINIMUM PRISM STRENGTH F'm OF 2,000 PSI.
3. ALL MORTAR FOR BEDDING JOINTS SHALL BE TYPE "M" OR "S."
4. ALL GROUT FOR STRUCTURAL WALLS AND PILASTERS SHALL BE 3,000 PSI CONCRETE UNLESS OTHERWISE NOTED.
5. WHERE MASONRY IS USED FOR A DEEP GRADE BEAM OR AS A RETAINING WALL, IT SHALL BE PROPERLY BRACED DURING ANY AND ALL BACK FILL OPERATIONS.
6. ALL DEFORMED BAR REINFORCING IN MASONRY WALL SHALL HAVE A MINIMUM ALLOWABLE STRESS OF FS = 24.0 KSI. (A615, GR. 60)
7. ALL MASONRY WALLS SHALL HAVE DUR-O-WALL REINFORCING WITH 3/16" DIA. SIDE RAILS, 6" APART, AT EVERY SECOND COURSE.
8. ALL BOND BEAMS SHALL BE CONTINUOUS WITH CONTINUOUS HORIZONTAL REINFORCING (2-#5'S) AND CORNER BARS AT ALL INTERSECTIONS.
9. CORNER BARS SHALL MATCH THE HORIZONTAL REINFORCING.
10. GROUT FILL CELLS AT EACH EXPANSION JOINT AND EACH CORNER PER DETAIL "5A & 5B/SO.1".
11. ALL VERTICAL REINFORCING SHALL BE LAPPED A MINIMUM OF 48 BAR DIAMETERS.

LIGHT GAGE METAL FRAMING:

1. ALL STRUCTURAL FRAMING SHALL FOLLOW THE AISC SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS. (LATEST EDITION)
2. ALL STRUCTURAL MEMBERS SHALL BE FABRICATED AND PLACED ACCORDING TO LATEST INDUSTRY STANDARDS. USE "USG STEEL FRAMING SYSTEMS" AS INDUSTRY GUIDE.
3. ALL CONNECTIONS SHALL BE WELDED.
4. ANY MEMBER NOT EXPLICITLY DEFINED ON THE STRUCTURAL DRAWINGS SHALL BE FOUND IN THE ARCHITECT'S PLANS, SPECIFICATIONS, DETAILS OR SECTIONS.

DESIGN LOADS:

ROOF:

LIVE LOAD (UNLESS NOTED)	20.00 PSF
M-E-P EQUIP	50.00 PSF
MECH. EQUIPMENT (HANGING)	AS SPECIFIED
MECH. EQUIPMENT (BEARING ON DECK)	AS SPECIFIED
BASIC WIND SPEED	90.00 MPH
WIND PRESSURE (0' TO 35')	20.00 PSF
UPLIFT PRESSURE (3/4 W.P.)	15.00 PSF

BUILDING CODE:

2003 I.B.C.
 SEISMIC: S = 0.30 . S = 1.25

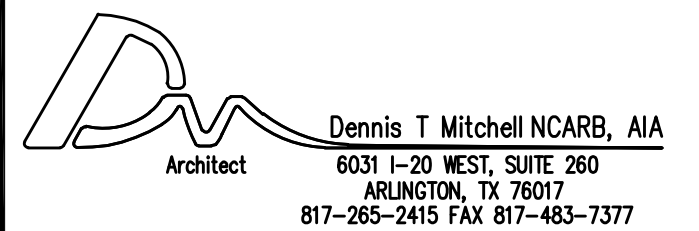
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 FAX (972) 283-5113

ARCHITECT



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- CONSTRUCTION _____

MARK	DATE	REVISION

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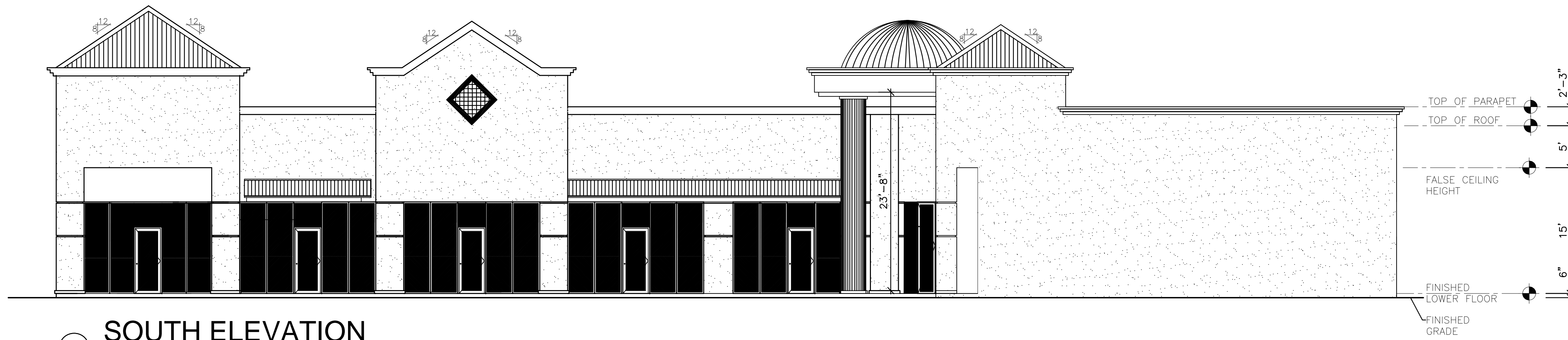
DESIGN NOTES

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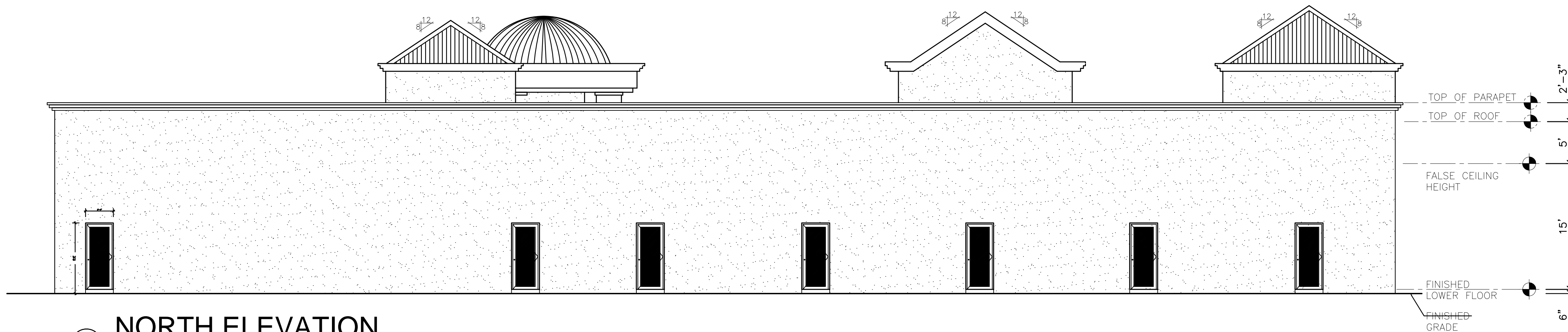
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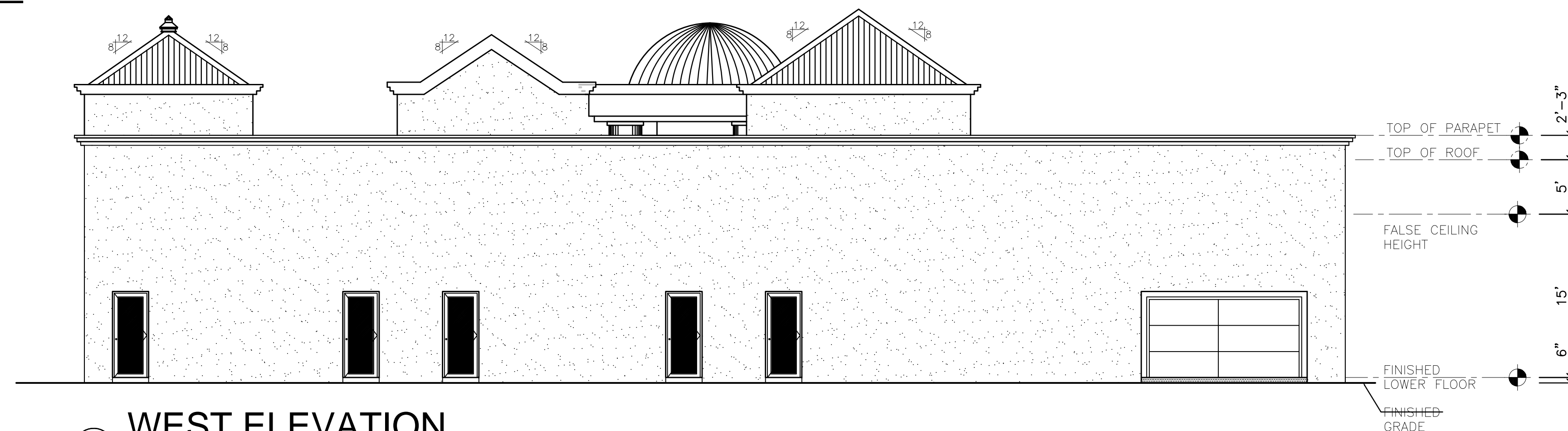
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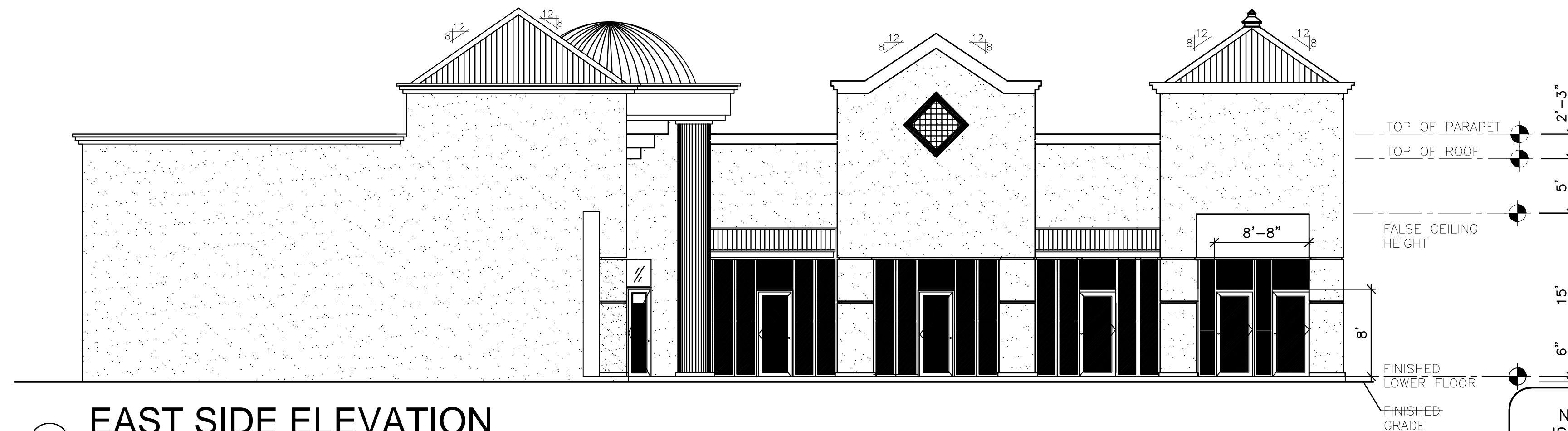
(A) SOUTH ELEVATION
SCALE: 1/8"=1'-0"



(D) NORTH ELEVATION
SCALE: 1/8"=1'-0"



(C) WEST ELEVATION
SCALE: 1/8"=1'-0"



(B) EAST SIDE ELEVATION
SCALE: 1/8"=1'-0"

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 Dennis T. Mitchell NCARB, AIA
Architect
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ARLINGTON, TX 76017
817-265-2415 FAX 817-483-7377

ISSUED FOR:

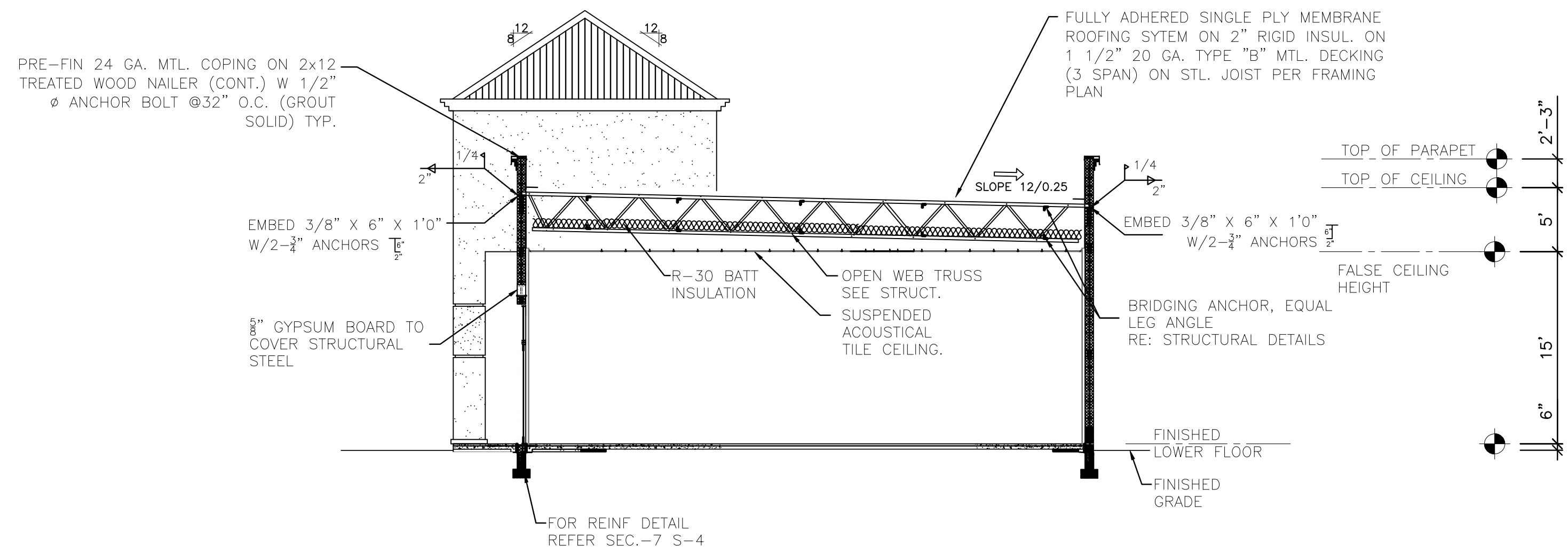
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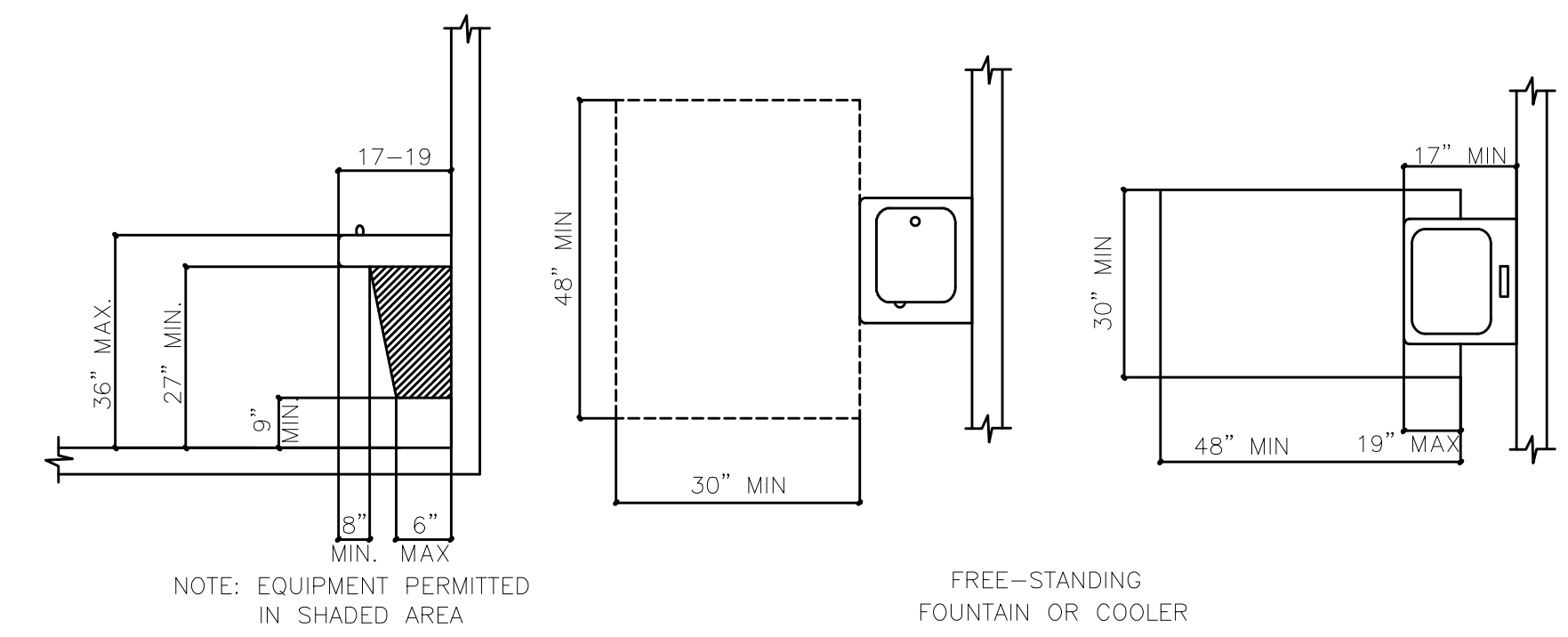
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ELEVATIONS

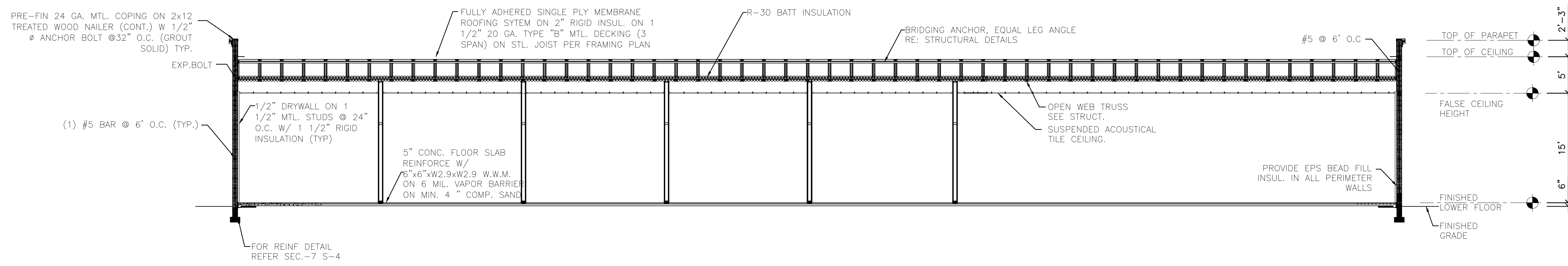
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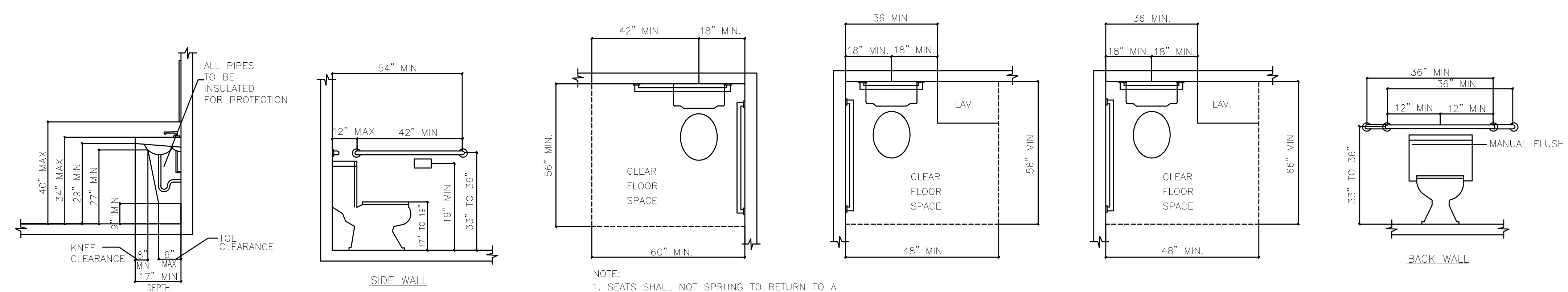
A SECTION
SCALE: 1/8"=1'-0"



C ADA COMPLIANCE COOLER REQUIREMENTS
SCALE: NTS



B SECTION
SCALE: 1/8"=1'-0"



MIN. REQUIREMENTS FOR LAVATORY CLEARANCES
N.T.S.

MIN. REQUIREMENTS FOR GRAB RAILS IN BATH
N.T.S.

C ADA COMPLIANCE BATH REQUIREMENTS
SCALE: NTS

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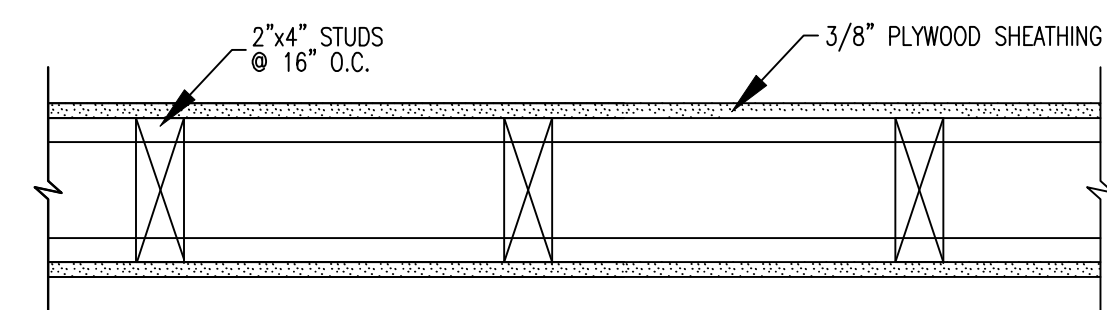
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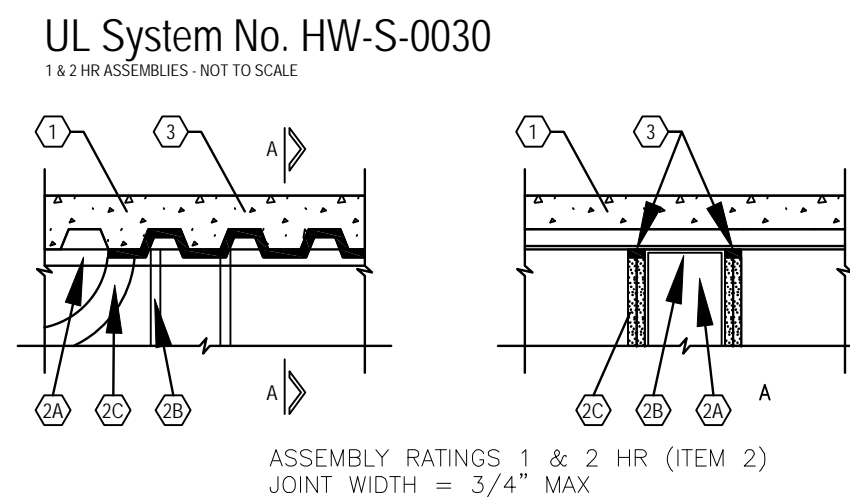
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SECTIONS

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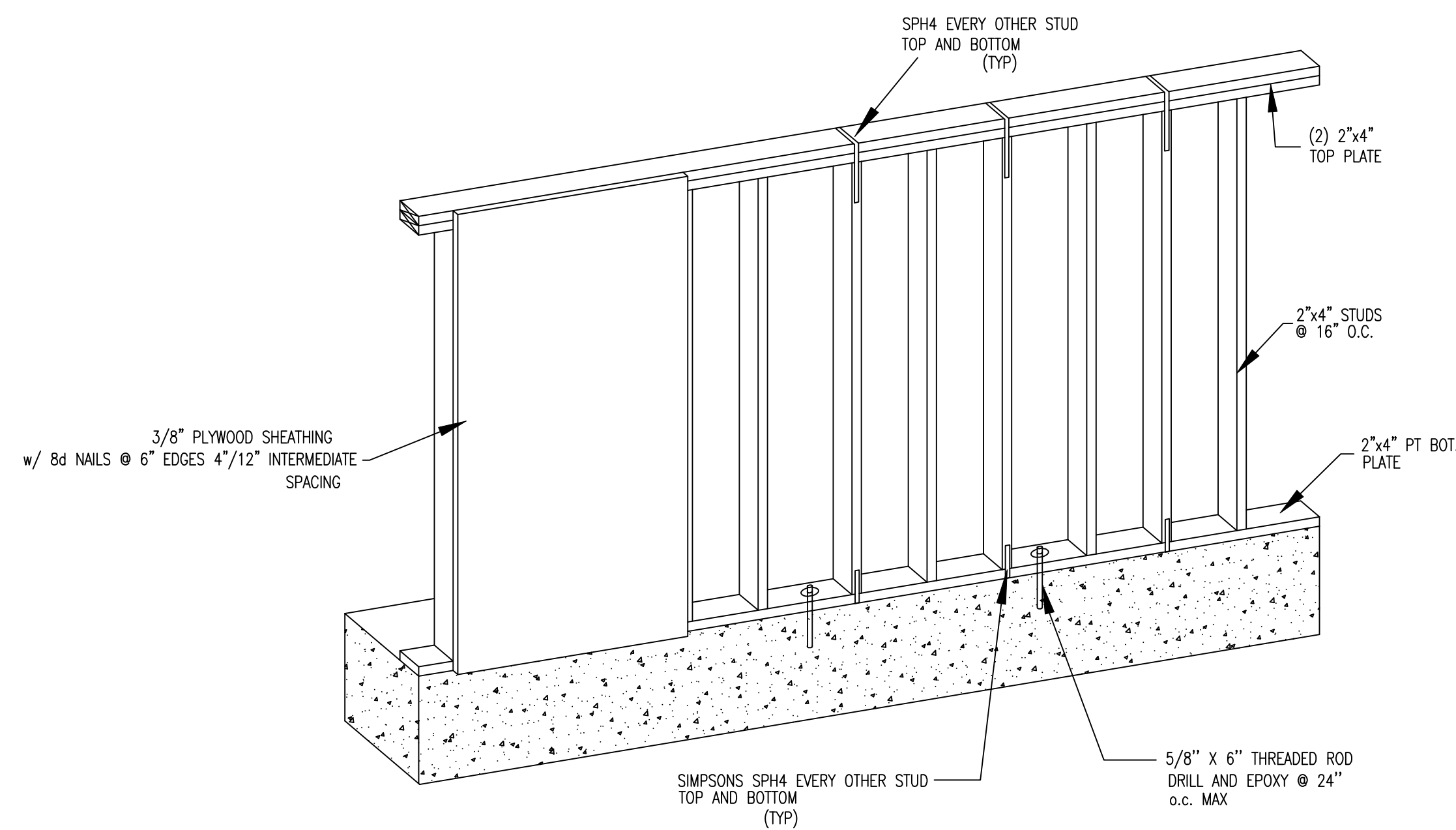


**INTERIOR WALL SECTION
(PLAN VIEW)**

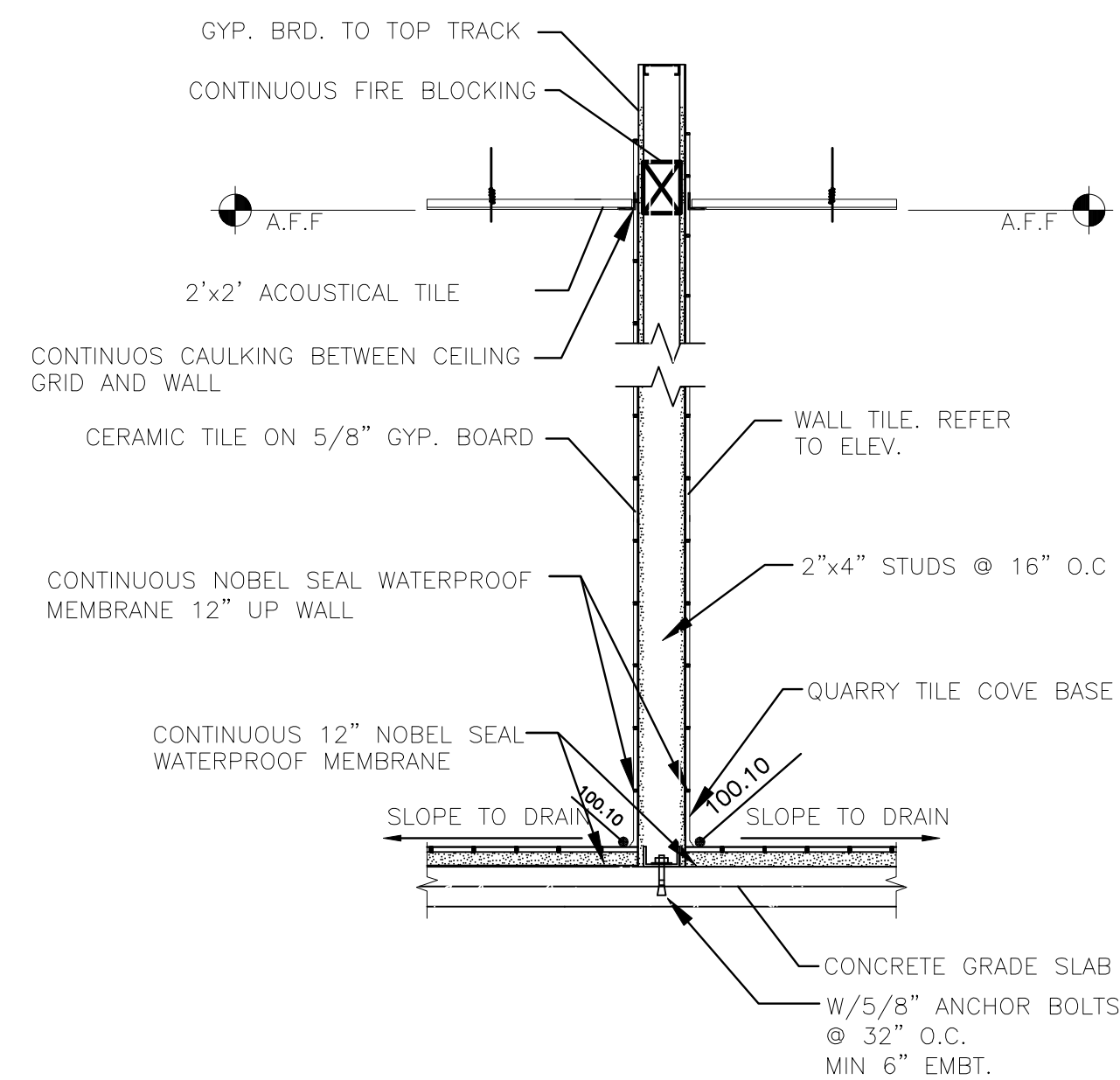


- UL System No. HW-S-0030**
1 & 2 HR ASSEMBLIES - NOT TO SCALE
- ASSEMBLY RATINGS 1 & 2 HR (ITEM 2)
JOINT WIDTH = 3/4" MAX
- FLOOR ASSEMBLY - THE FIRE-RATED FLUTED STEEL DECK/CONCRETE FLOOR ASSEMBLY SHALL BE CONSTRUCTED TO THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL FLOOR-CEILING DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
 - STEEL FLOOR AND FORM UNITS* - MAX. 3" DEEP GALV. STEEL FLUTED UNITS.
 - CONCRETE - MIN 2 1/2" THICK REINFORCED CONCRETE, AS MEASURED FROM THE TOP PLANE OF THE FLOOR UNITS.
 - WALL ASSEMBLY - THE 1 OR 2 HR FIRE RATED GYPSUM WALLBOARD/STEEL STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U400 SERIES WALL OR PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
 - STEEL FLOOR AND CEILING RUNNERS - FLOOR AND CEILING RUNNERS OF WALL ASSEMBLY SHALL CONSIST OF GALV. STEEL CHANNELS SIZED TO ACCOMMODATE STEEL STUDS (2B). CEILING RUNNER TO BE SECURED TO VALLEYS OF STEEL FLOOR UNITS (ITEM A) WITH STEEL FASTENERS OR BY WELDS @ MAX 24" O.C.
 - STUDS - STEEL STUDS TO BE MIN 3 1/2" WIDE. STUDS CUT 1/2" TO 3/4" LESS IN LENGTH THAN ASSEMBLY HEIGHT WITH BOTTOM NESTING IN AND RESTING ON FLOOR RUNNER AND WITH TOP NESTING IN CEILING RUNNER WITH OR WITHOUT ATTACHMENT. STUD SPACING @ 24" O.C. MAX.
 - WALLBOARD, GYPSUM* - WALLBOARD SHEETS INSTALLED TO A MIN TOTAL THICKNESS OF 5/8" AND 1 1/4" ON EACH SIDE OF WALL FOR 1 AND 2 HR RATED ASSEMBLIES, RESPECTIVELY. WALL TO BE CONSTRUCTED AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY, EXCEPT THAT WALLBOARD IS CUT TO THE CONTOUR OF THE STEEL FLOOR UNITS WITH A MAX 3/4" GAP BETWEEN THE TOP OF THE WALLBOARD AND THE BOTTOM OF THE FLOOR UNITS.

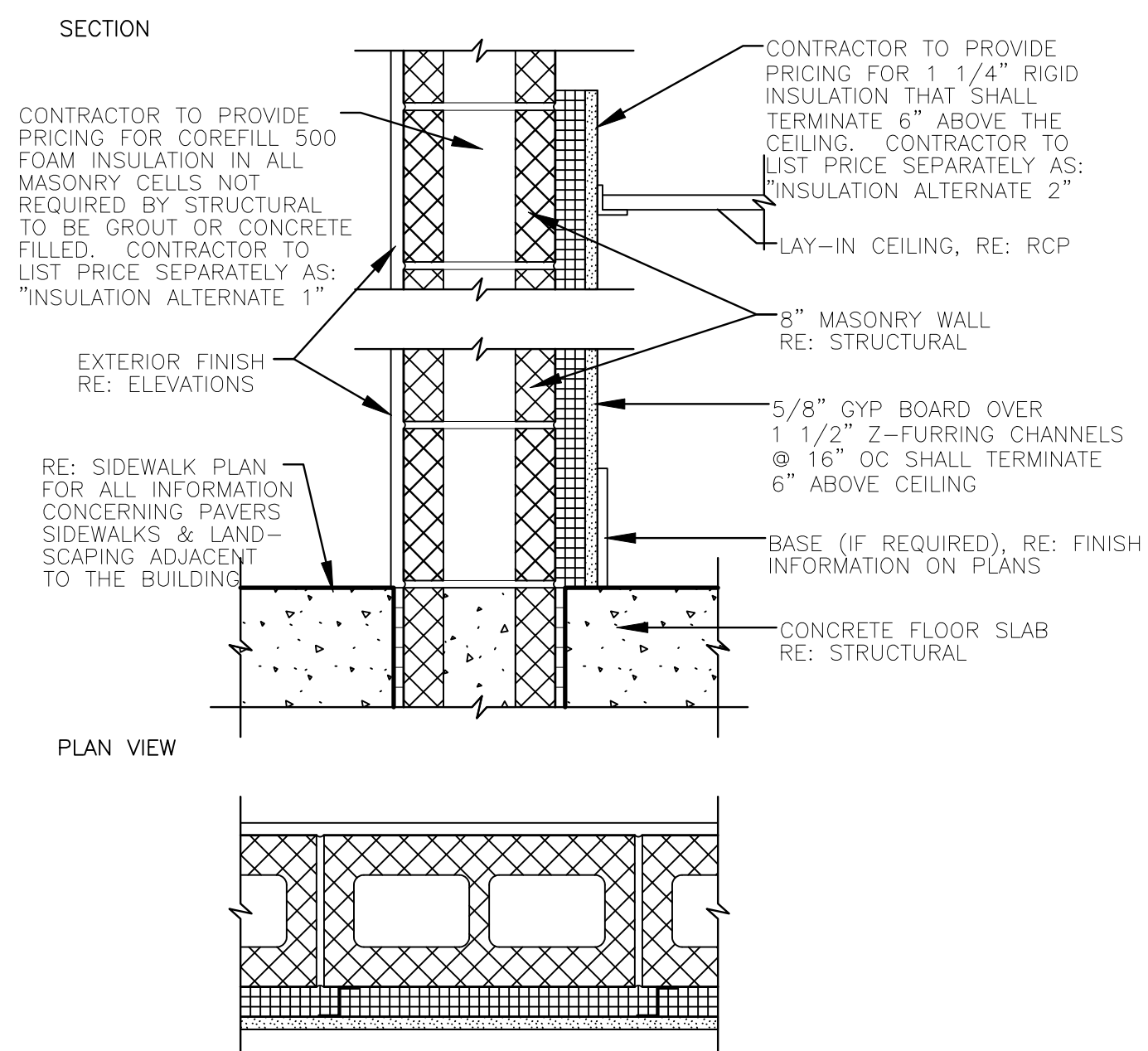
THE JOINT SYSTEM'S HOURLY FIRE RATING IS DEPENDENT ON THE WALL'S HOURLY FIRE RATING.
 - FILL, VOID OR CAVITY MATERIAL* - CAULK - MIN 5/8" AND 1 1/4" THICKNESS OF FILL MATERIAL FOR 1 AND 2 HR RATED ASSEMBLIES, RESPECTIVELY, INSTALLED ON EACH SIDE OF THE WALL BETWEEN THE TOP OF THE WALLBOARD AND ALL SURFACES OF THE STEEL FLOOR UNITS, FLUSH WITH EACH SURFACE OF THE WALL.
- MINNESOTA MINING & MFG CO - CP 25WB+
*BEARING THE UL CLASSIFICATION MARKING



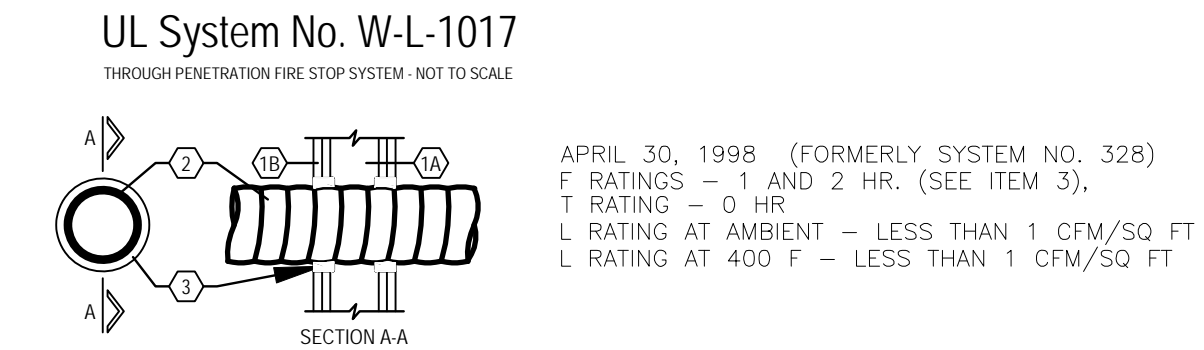
**INTERIOR WALL SECTION
(ISO VIEW)**



1 INTERIOR WALL SECTION
SCALE: NTS



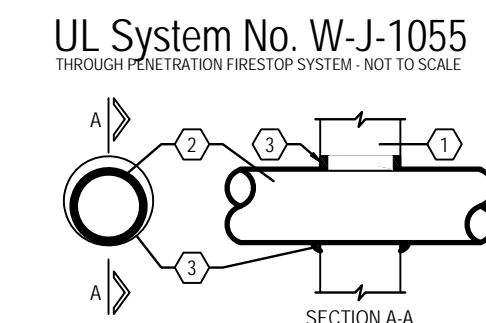
2 Masonry Wall w/ Furred out GWB
SCALE: 1 1/2" = 1'-0"
RE: FLOOR PLAN FOR LOCATIONS



- UL System No. W-L-1017**
THROUGH PENETRATION FIRE STOP SYSTEM - NOT TO SCALE
- APRIL 30, 1998 (FORMERLY SYSTEM NO. 328)
F RATING - 1 AND 2 HR. (SEE ITEM 3),
T RATING - 0 HR
L RATING AT AMBIENT - LESS THAN 1 CFM/SQ FT
L RATING AT 400 F - LESS THAN 1 CFM/SQ FT
- WALL ASSEMBLY THE 1 OR 2 HR FIRE RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED TO THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
 - STUDS WALL FRAMING MAY CONSIST OF NOM 2 BY 4" LUMBER SPACED 16" OC WITH NOM 2 BY 4" LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN 3-5/8" WIDE BY 1-3/8" DEEP CHANNELS SPACED MAX 16" OC
 - GYPSUM BOARD* NOM 5/8" THICK, 4" WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, NUMBER OF LAYERS AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. DIAM OF CIRCULAR THROUGH OPENING CUT THROUGH GYPSUM WALLBOARD ON EACH SIDE OF WALL ASSEMBLY TO BE MIN 0" (POINT CONTACT) TO MAX 1" LARGER THAN OUTSIDE DIAM OF FLEXIBLE METAL CONDUIT (ITEM 2) INSTALLED IN THROUGH OPENING. SIDE EDGE OF CIRCULAR OPENING TO BE MIN 3" FROM NEAREST STUD IN WALL CAVITY.
 - FASTENERS WHEN WOOD STUD FRAMING IS EMPLOYED GYPSUM WALLBOARD ATTACHED TO STUDS WITH CEMENT COATED NAILS AS SPECIFIED IN THE INDIVIDUAL WALL OR PARTITION DESIGN. WHEN STEEL CHANNEL STUD FRAMING IS EMPLOYED, GYPSUM WALLBOARD ATTACHED TO STUDS WITH TYPE S SELF-DRILLING, SELF-TAPPING BUGLE-HEAD STEEL SCREWS AS SPECIFIED IN THE INDIVIDUAL WALL OR PARTITION DESIGN.
 - THROUGH PENETRATING PRODUCT* (FLEXIBLE METAL CONDUIT) - NOM 4" DIAM (OR SMALLER) ALUMINUM OR STEEL FLEXIBLE METAL CONDUIT+. MAX ONE FLEXIBLE METAL CONDUIT TO BE INSTALLED NEAR CENTER OF CIRCULAR OPENING IN GYPSUM WALLBOARD. FLEXIBLE METAL CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.

AFC CABLE SYSTEMS INC
 - FILL, VOID OR CAVITY MATERIAL* (CAULK) - CAULK FILL MATERIAL FORCED INTO ANNULAR SPACE AROUND ENTIRE CIRCUMFERENCE OF THROUGH PENETRATING PRODUCT TO COMPLETELY FILL OPENING IN GYPSUM WALLBOARD LAYERS ON EACH SIDE OF THE WALL ASSEMBLY. A MIN 5/8" THICKNESS OF CAULK IS REQUIRED FOR THE 1 HR F RATING. A MIN 1-1/4" THICKNESS OF CAULK IS REQUIRED FOR THE 2 HR F RATING.

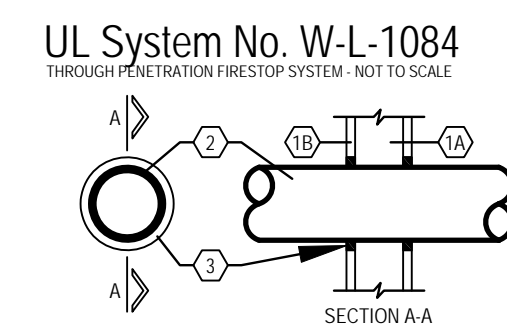
MINNESOTA MINING & MFG CO - CP 25WB+
*BEARING THE UL CLASSIFICATION MARKING



- UL System No. W-J-1055**
THROUGH PENETRATION FIRE STOP SYSTEM - NOT TO SCALE
- DECEMBER 02, 1997
F RATING - 2 HR
T RATING - 0 HR
- WALL ASSEMBLY MIN" THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE BLOCKS*. MAX DIAM OF OPENING IS 26".

SEE CONCRETE BLOCKS (CAZI) CATEGORY IN THE FIRE RESISTANCE DIRECTORY FOR MANUFACTURER NAMES.
 - THROUGH PENETRATE ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRE STOP SYSTEM. THE ANNULAR SPACE BETWEEN PIPE, CONDUIT OR TUBING AND PERIPHERY OF OPENING SHALL BE MIN 0" (POINT CONTACT) TO MAX 1-3/4" PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUIT OR TUBING MAY BE USED:
 - STEEL PIPE NOM 24" DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
 - IRON PIPE NOM 24" DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
 - CONDUIT NOM 4" DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING, NOM 6" DIAM (OR SMALLER) STEEL CONDUIT OR NOM 1 IN. DIAM (OR SMALLER) FLEXIBLE STEEL CONDUIT.
 - COPPER TUBING NOM 6" DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
 - COPPER PIPE NOM 6" DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
 - FILL, VOID OR CAVITY MATERIAL* - SEALANT MIN 5/8" THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS. FLUSH WITH BOTH SURFACES OF WALL. AT THE POINT CONTACT LOCATION BETWEEN THROUGH PENETRATE AND CONCRETE, A MIN 3/8" DIAM BEAD OF FILL MATERIAL SHALL BE APPLIED AT THE CONCRETE/THROUGH PENETRATE INTERFACE ON BOTH WALL SURFACES.

SPECIFIED TECHNOLOGIES INC. - SPECSEAL 100, 101, 102 OR 105 SEALANT
*BEARING THE UL CLASSIFICATION MARKING



- UL System No. W-L-1084**
THROUGH PENETRATION FIRE STOP SYSTEM - NOT TO SCALE
- JULY 29, 1995
F RATING - 1 HR
T RATING - 0 HR
- THE FIRE RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
 - STUD WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (TO CONSIST OF NOM 2 BY 4" LUMBER SPACED 16" OC.) OR STEEL CHANNEL STUDS (TO BE MIN 3-5/8" WIDE AND SPACED MAX 16" OC.)
 - GYPSUM BOARD* NOM 5/8" THICK GYPSUM WALLBOARD, AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. DIAM OF OPENING IS 1-1/2" LARGER THAN THE OUTSIDE DIAM OF PIPE.
 - THROUGH-PENETRANT ONE METALLIC PIPE, CONDUIT OR TUBING TO BE CENTERED WITHIN THE FIRE STOP SYSTEM. AN ANNULAR SPACE OF 3/4" IS REQUIRED WITHIN THE FIRE STOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS OR TUBING MAY BE USED:
 - STEEL PIPE NOM 12" DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
 - CONDUIT NOM 6" DIAM (OR SMALLER) ELECTRICAL METALLIC TUBING OR STEEL CONDUIT.
 - COPPER TUBING NOM 6" DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
 - COPPER PIPE NOM 6" DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
 - FILL, VOID OR CAVITY MATERIAL* - SEALANT MIN 5/8" THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL ASSEMBLY.

MINNESOTA MINING & MFG CO - FB-2000+
*BEARING THE UL CLASSIFICATION MARKING

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Tel: 408.646.1711

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Architect
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ISSUED FOR:

- PRELIM.
- BIDDING
- PERMIT
- CONSTRUCTION

MARK	DATE	REVISION

COMM. NO.	DRAWN
DATE	CHECKED
SCALE	AS NOTED
	APPROVED

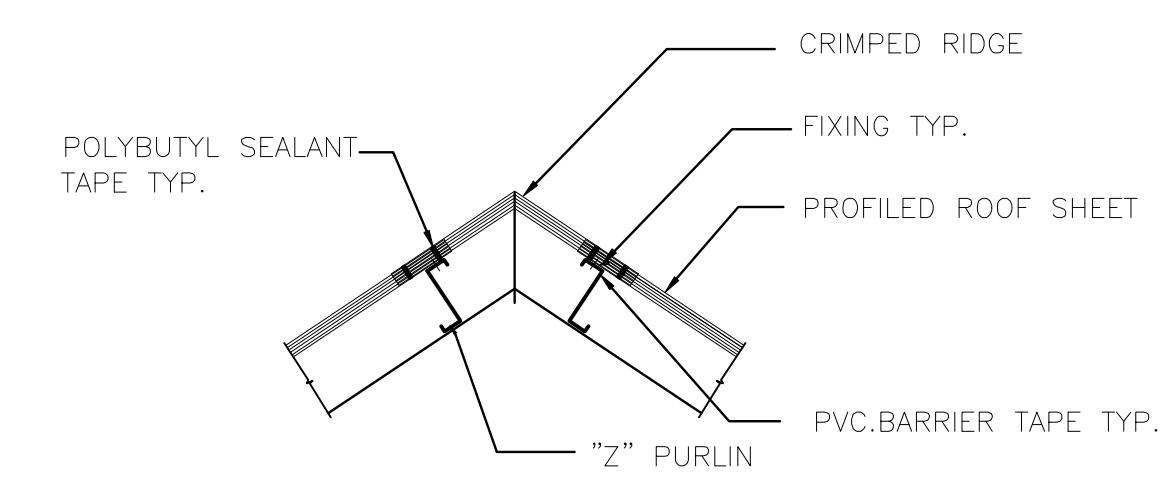
WALL TYPES AND DETAILS

SHEET NO.

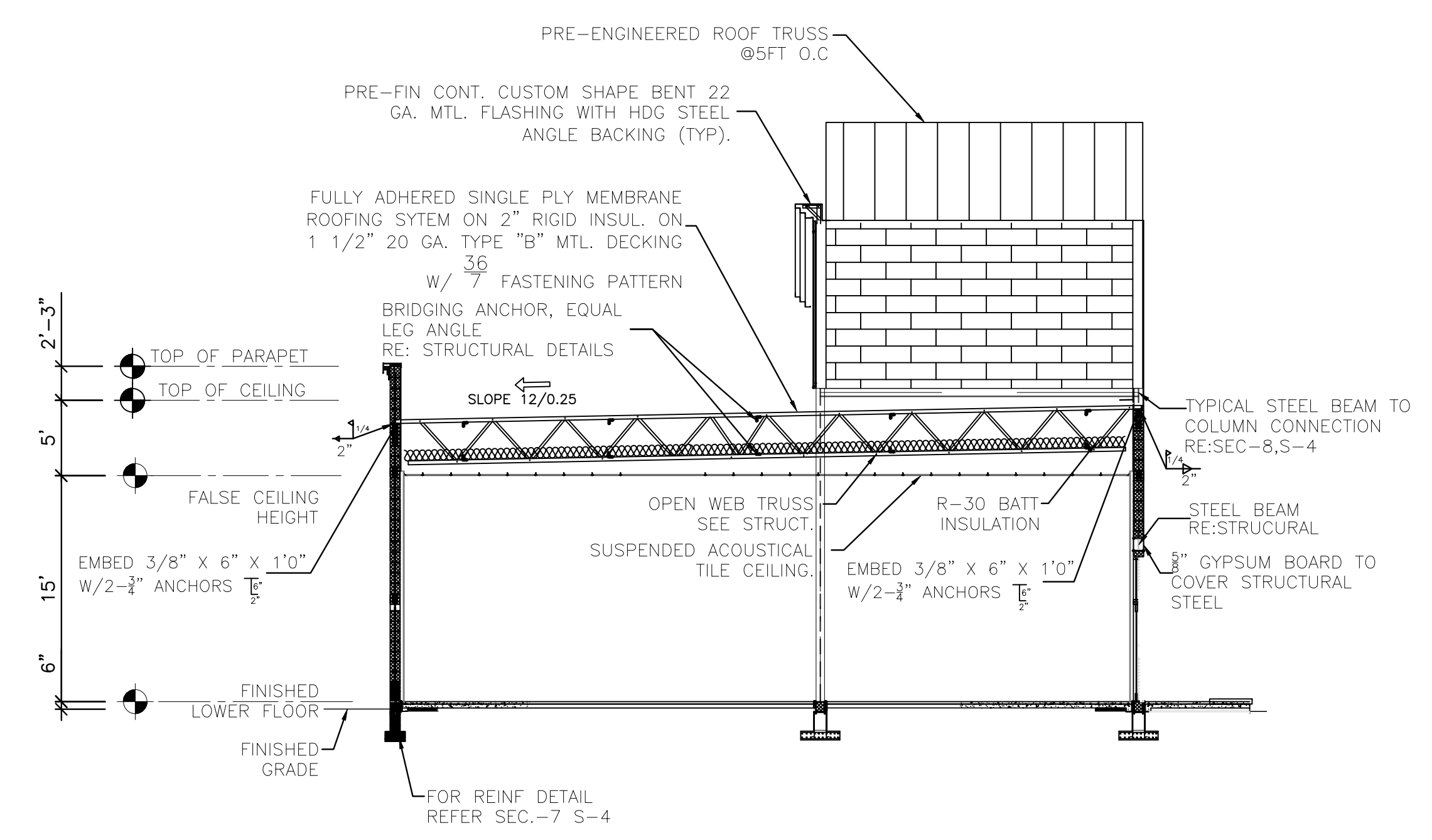
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SHT 1 OF 1

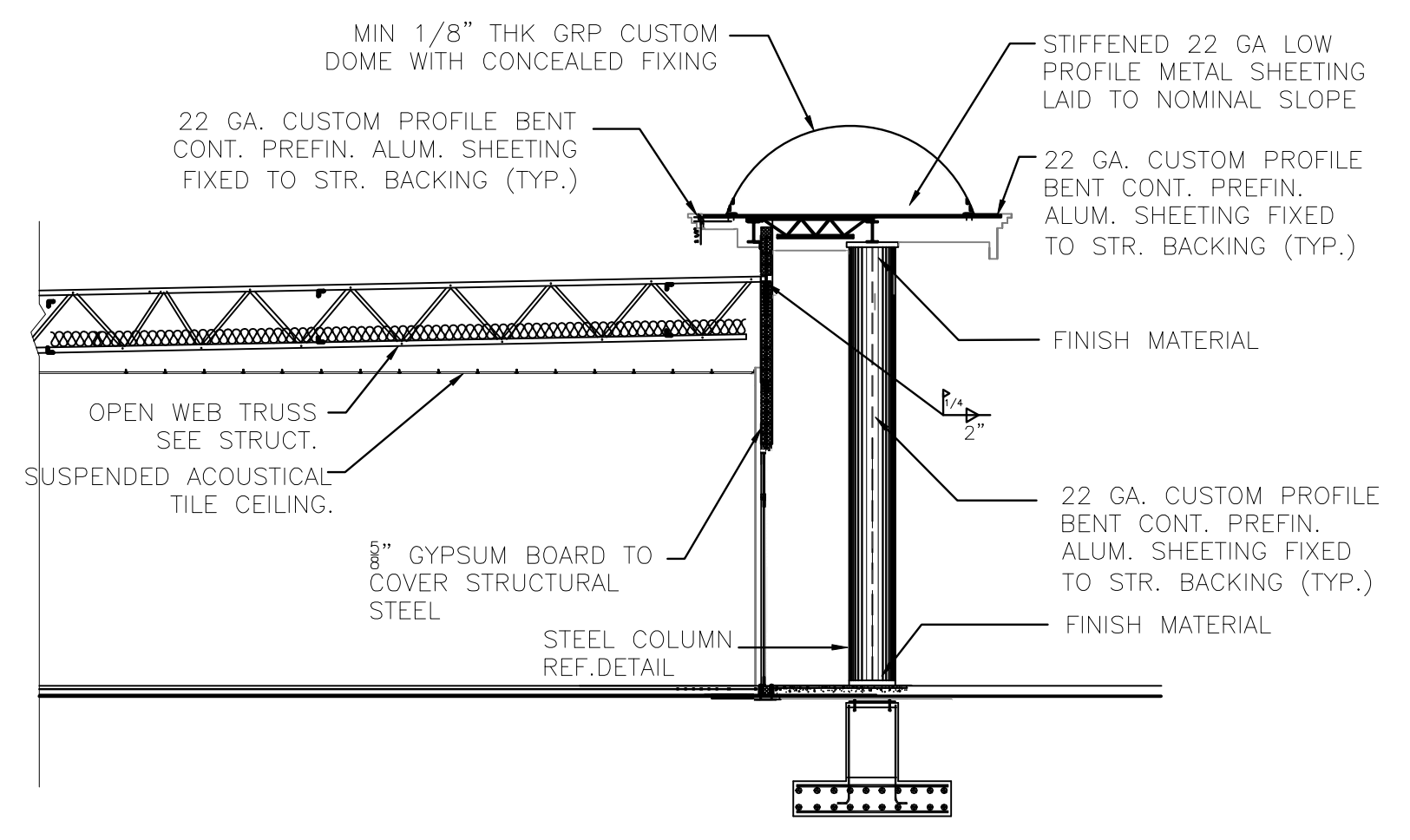
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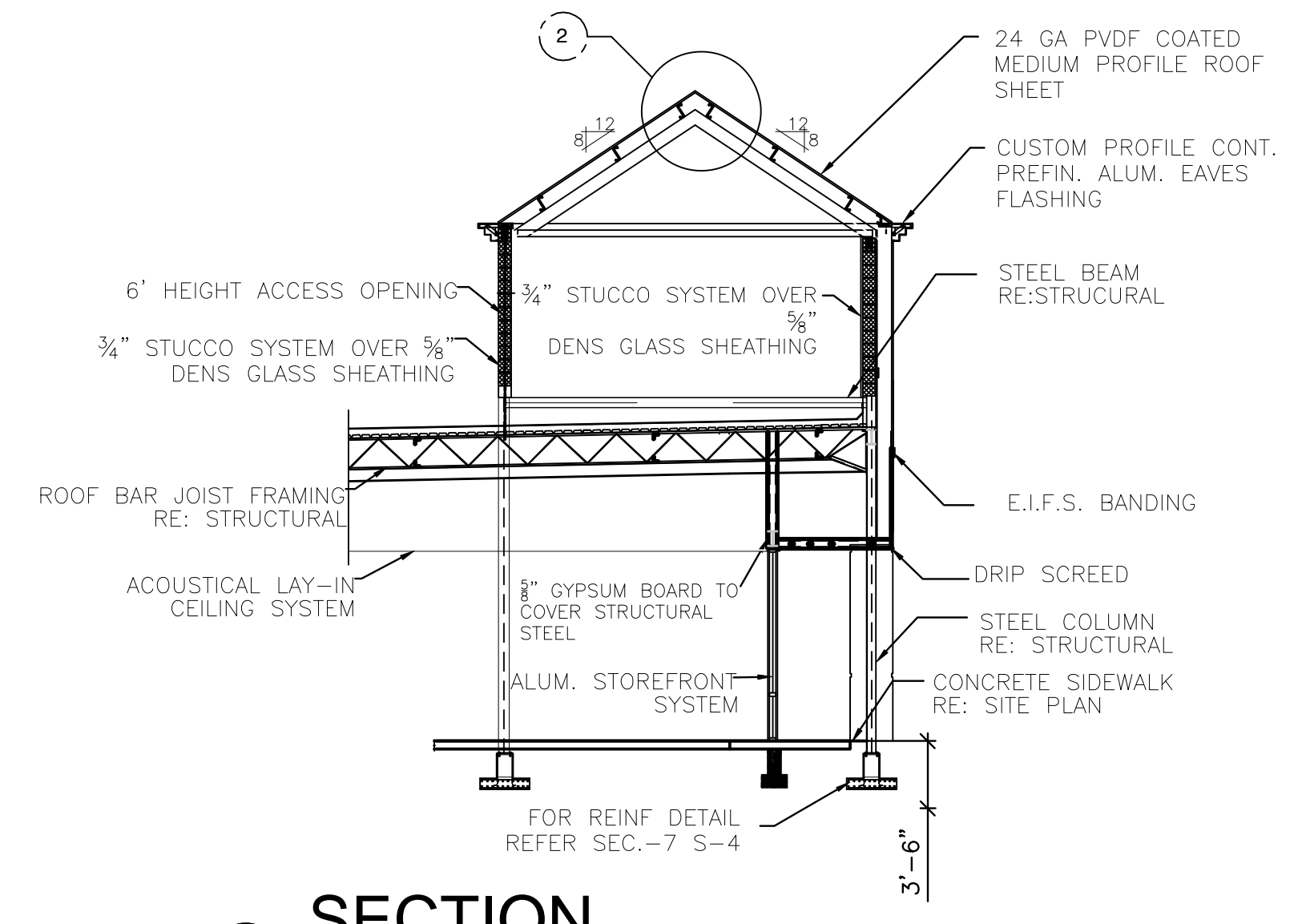
2 DETAIL



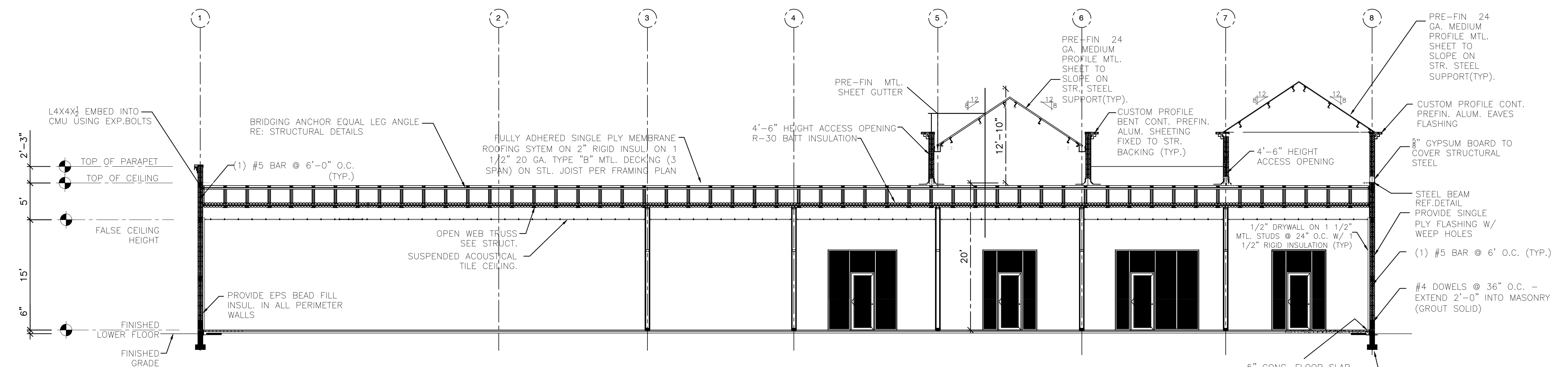
3 SECTION
SCALE: 1/8"=1'-0"



2 SECTION
SCALE: 1/8"=1'-0"



4 SECTION
SCALE: 1/8" = 1'-0"



1 SECTION
SCALE: 1/8"=1'-0"

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- BIDDING _____
- PERMIT _____
- CONSTRUCTION _____

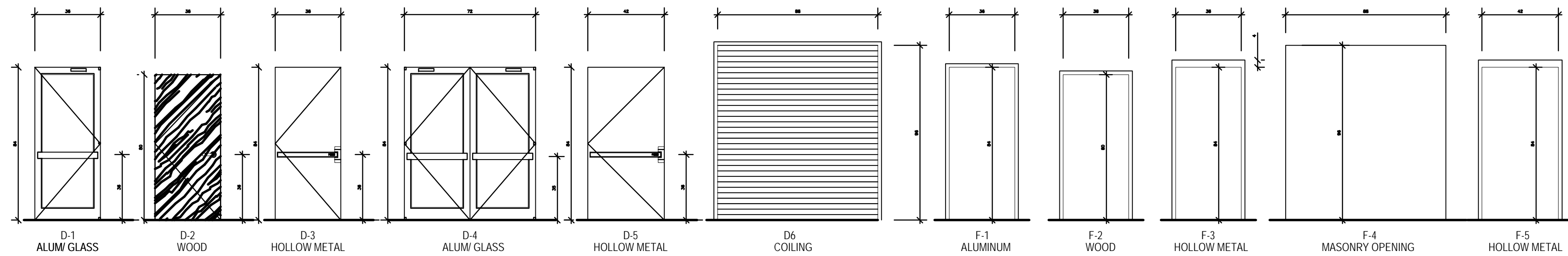
MARK	DATE	REVISION

ROOF CUT SECTIONS

COMM. NO.	DRAWN
DATE	CHECKED
SCALE	AS NOTED APPROVED

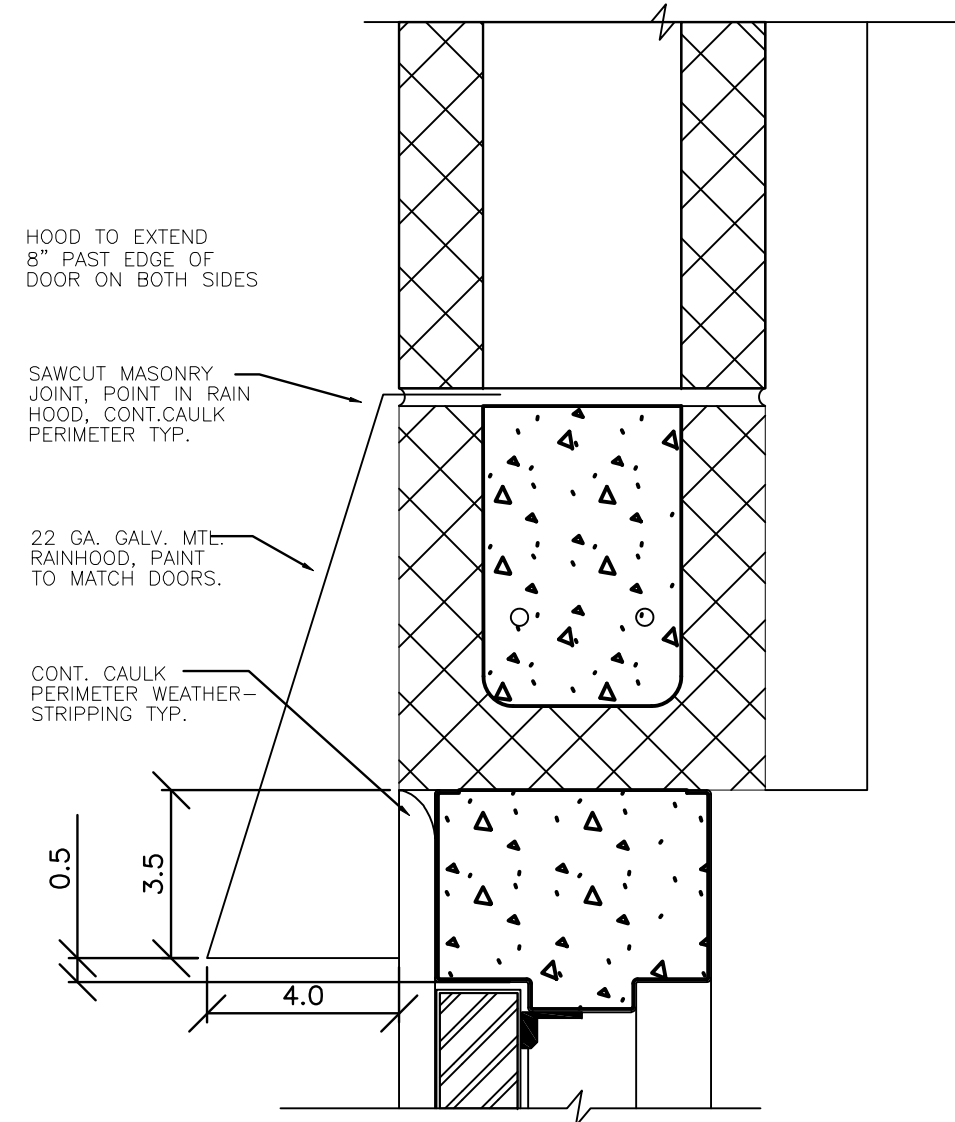
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DATE: 2-08-2007

SHEET NO.
A-8
SHT 1 OF 1



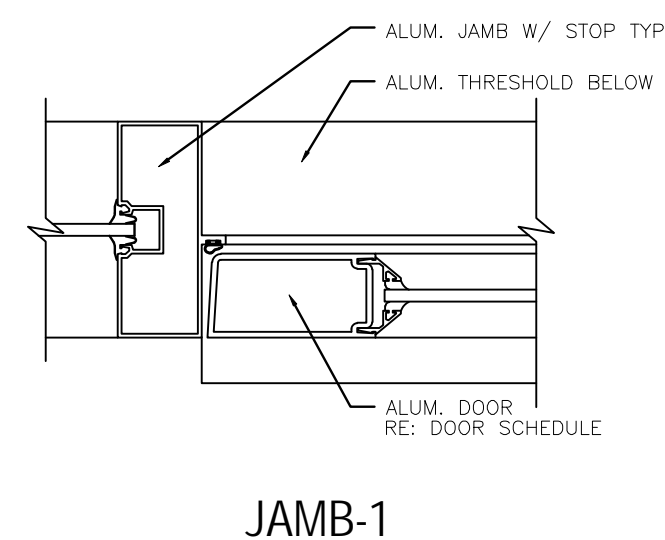
1 Door & Frame Types

SCALE: 1/4" = 1'-0"
RE: SCHEDULE & DETAILS FOR DIMENSIONS

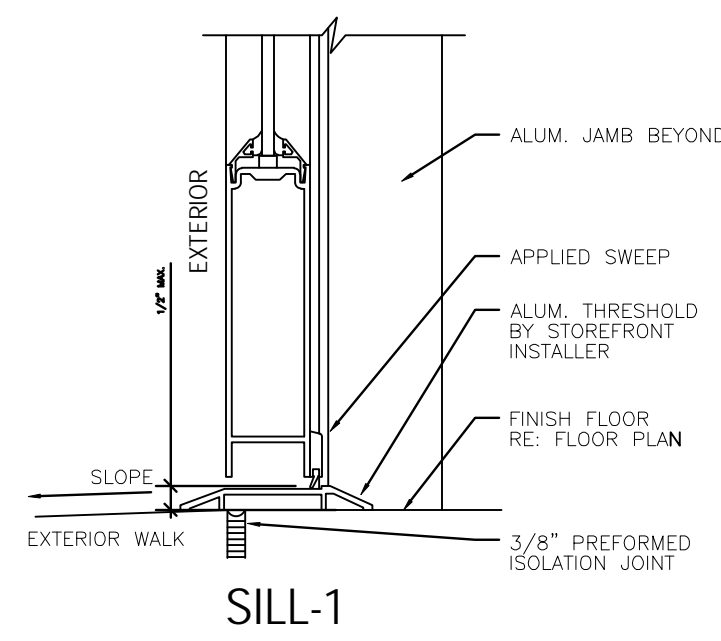


3 Rain Hood Detail

SCALE: 3" = 1'-0"



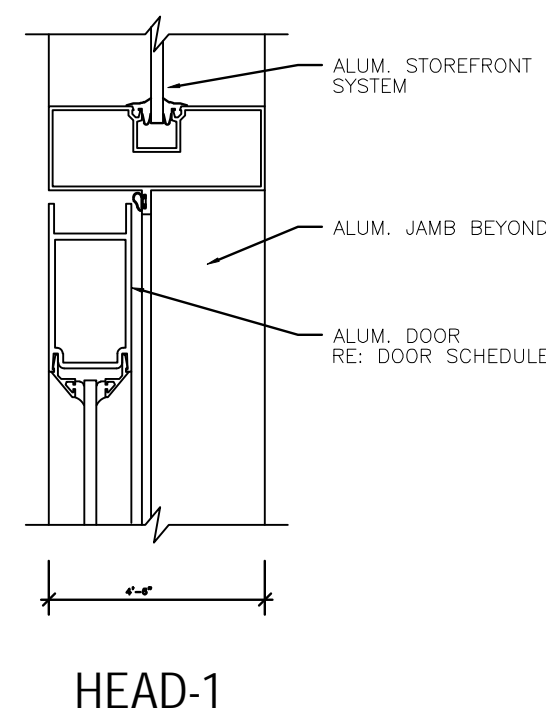
JAMB-1



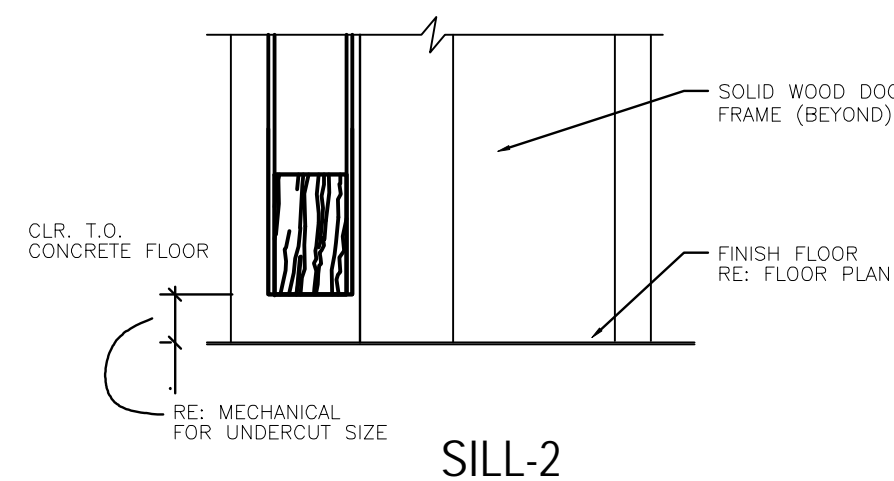
SILL-1

4 Head/ Jamb/ Sill Details

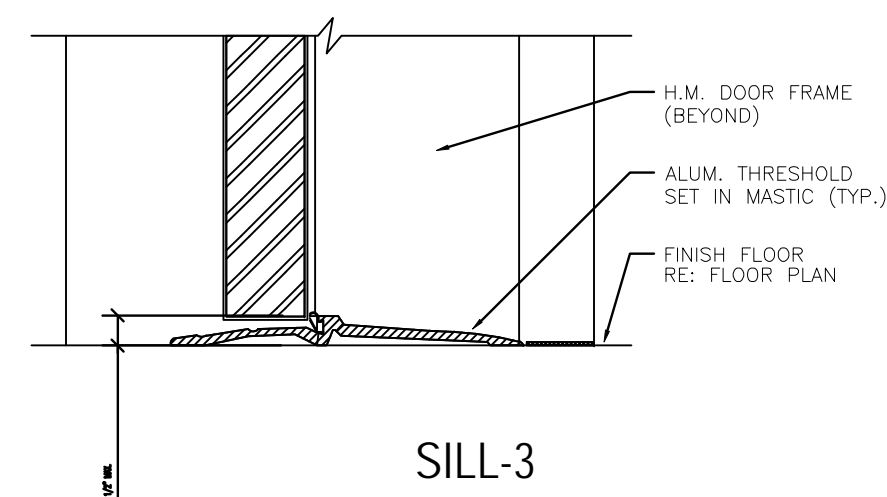
SCALE: 3" = 1'-0"
RE: A601



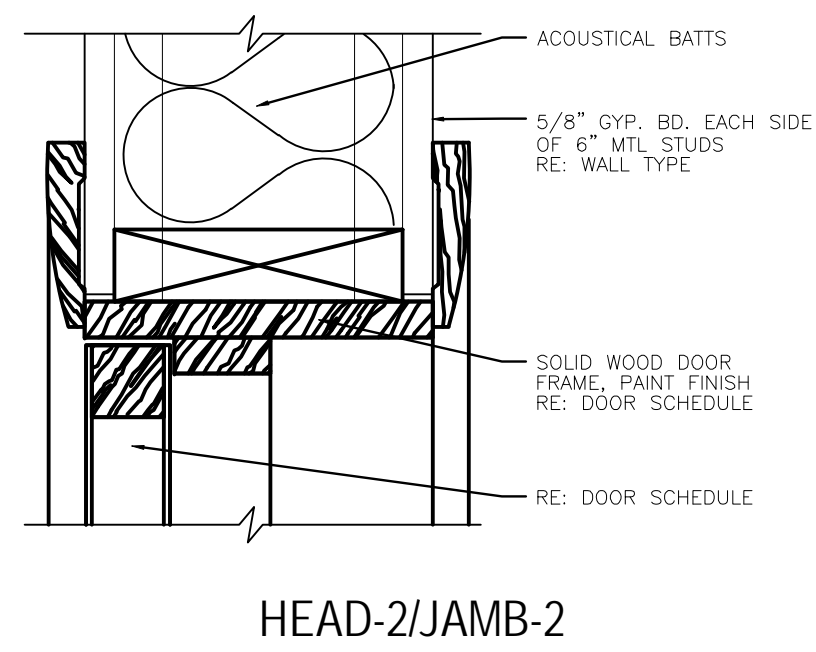
HEAD-1



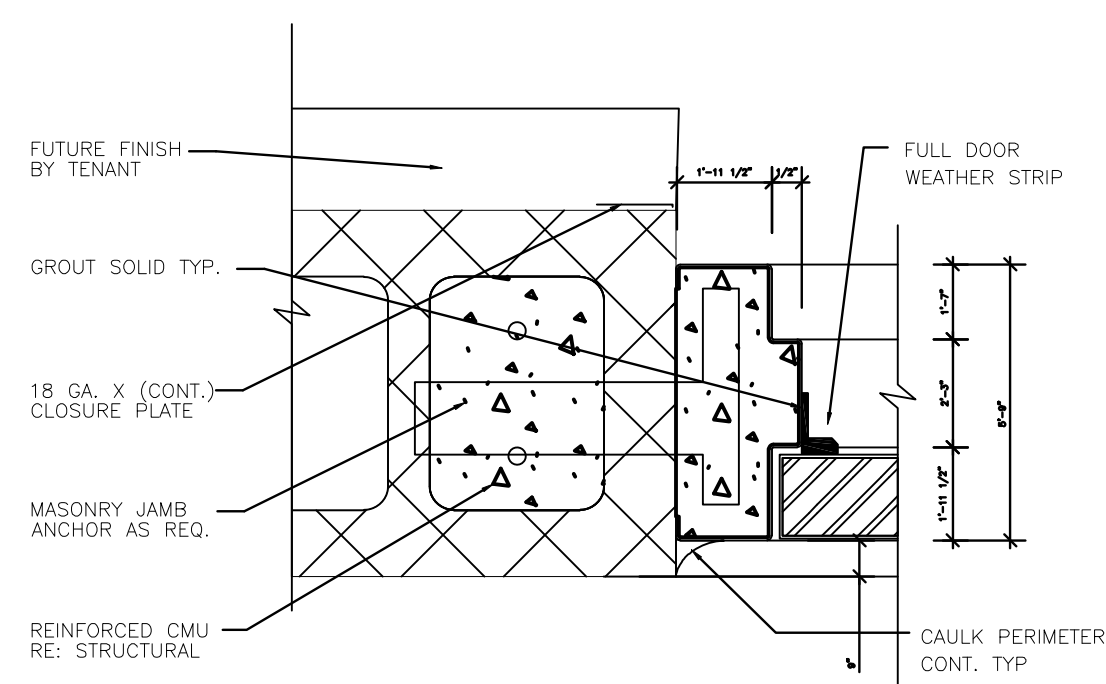
SILL-2



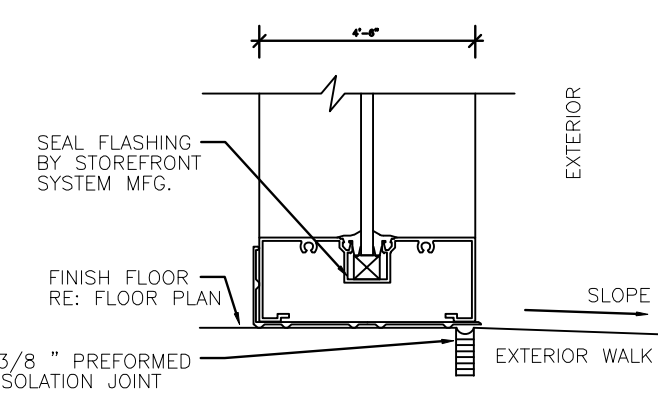
SILL-3



HEAD-2/JAMB-2



JAMB-3



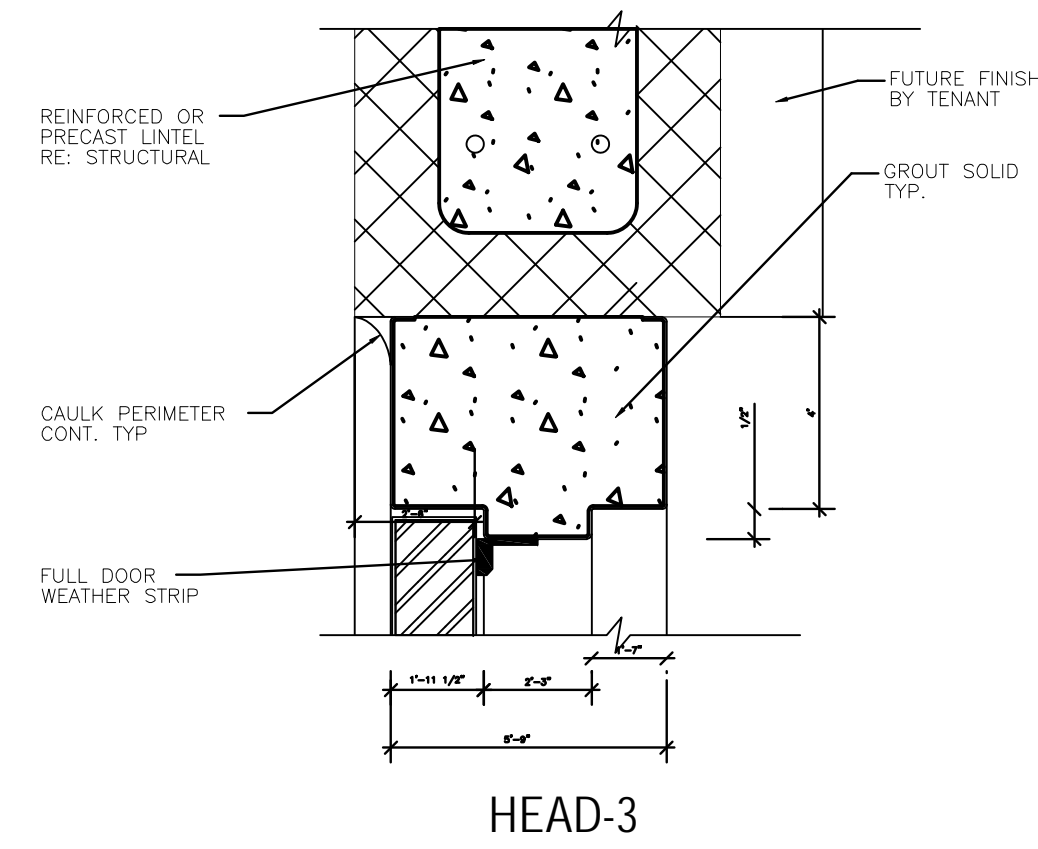
WINDOW SILL-1

5 Window Details

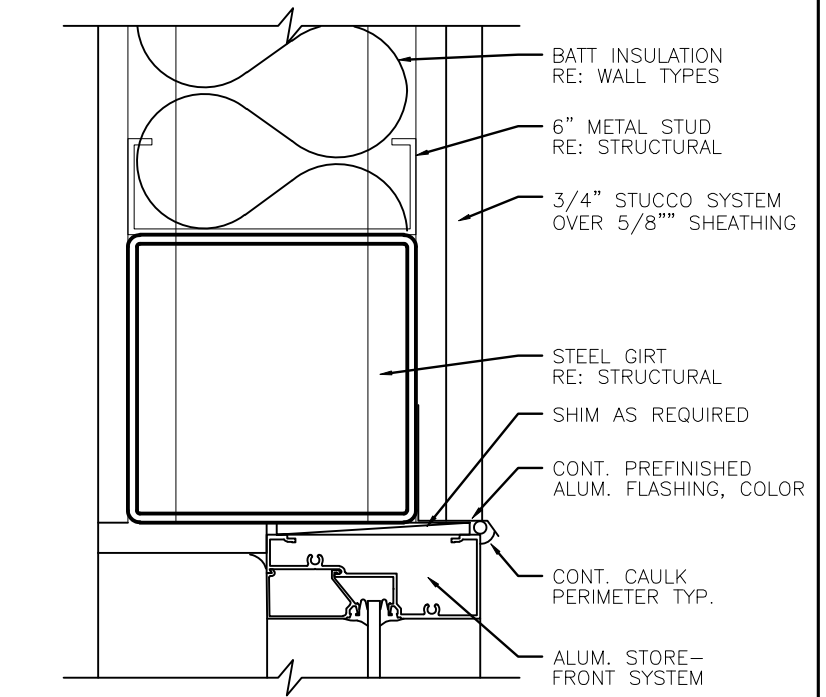
SCALE: 3" = 1'-0"
RE: A601

- ADJUST ALL CLOSURES TO A 5 LB. MAX. OPENING FORCE.
 - CONTRACTOR TO SUBMIT TYPE WRITTEN SHOP DRAWINGS AND PRODUCT LITERATURE FOR ALL DOORS AND HARDWARE SPECIFIED, PREPARED BY A LICENSED AND CERTIFIED CONSULTANT.
 - ALL EXTERIOR HOLLOW CORE METAL DOORS ARE TO BE INSULATED. DOOR AND FRAME TO BE SHOP PRIMED AND PAINTED.
 - ALL LOCK AND PASSAGE SETS TO BE SCHLAGE GRADE OR BETTER. SUBMIT OTHERS FOR APPROVAL. LOCKS NEED TO BE REKEYABLE.
 - SUBMIT DETAILED HARDWARE SCHEDULE FOR ARCHITECT'S APPROVAL.
 - ALL DOORS AND HARDWARE TO COMPLY WITH THE FLORIDA ACCESSIBILITY CODE AND THE A.D.A. FEDERAL REGULATION CODES, UTILIZING A LEVER LATCH OR LOCKSET.
 - ALL STORE FRONT SYSTEM DOOR KEYING SHALL BE INDIVIDUAL AND MASTER KEYS PROVIDE 2 SETS OF KEYS FOR EACH TENANT SPACE AND THREE MASTER KEYS TO THE OWNER. REAR EXIT DOORS SHALL BE INDIVIDUALLY KEYPED AND PROVIDE 2 SETS TO THE OWNER.
- HARDWARE SET #1: ALUMN/GLASS SINGLE ENTRANCE DOOR**
- (1) SET SINGLE ACTING OFFSET PIVOT HINGES BY KAWNEER
 - (1) DOOR CLOSER - NORTON 1605 SURFACE CLOSER
 - (1) 4" EXTRUDED - MILL FINISH ALUMINUM THRESHOLD (FOR OFFSET PIVOT AND OVERHEAD CLOSER)
 - (1) ADAMS RITE MS+1890 DEADLOCK / LATCH COMBINATION
 - (1) ADAMS RITE 4590 LATCH PADDLE DEVICE
 - (1) ADAMS RITE STANDARD LATCH STRIKE AS REQUIRED
 - (1) CYLINDER - SCHLAGE (7PIN) MORTISE - MATCH DOOR FINISH
 - (1) CP II DOOR PUSH & CO-9 PULL #14 CLEAR ANODIZE FINISH SURFACE ATTACHED SWEEP STRIP.
 - (1) SEA LAIR WEATHERING SYSTEM AND EPDM BLADE MOUNTED IN ROOM
 - (1) CONTRACTOR INSTALLED NOTE: "DOOR TO REMAIN UNLOCKED DURING STORE OPERATION"
- HARDWARE SET #2: (RESTROOM DOOR)**
- (1) 1/2" PAIR HAGER 4 1/2" x 4 1/2" BUTT FULL MORTISE HINGES NO. 1191 FINISH 26 D.
 - (3) SILencers
 - (1) LOCKSET SCHLAGE AL SERIES "SATURN" FINISH 626 PRIVACY LOCK
 - (1) HAGER 4" x 14" SQUARE CORNER - BEVELED PUSH / PULL PLATE NO. A305, FINISH 26;
 - (1) CLOSER - LCN NO. 1460 FINISH US26D MOUNTED IN ROOM
 - (1) WALL STOP
- HARDWARE SET #3: (REAR EXIT DOOR)**
- (1) 1/2" PAIR HAGER 4 1/2" x 4 1/2" BUTT FULL MORTISE HINGES NO. BB1191 FINISH 26D
 - (1) LOCKSET SCHLAGE AL SERIES SINGLE ACTING LEVER W/ KEY LOCK HEAVY DUTY
 - (1) CLOSER - LCN NO. 4040 FINISH US26D MOUNTED IN ROOM
 - (1) SET FULL WEATHERSTRIP
 - (1) ALUMINUM THRESHOLD, NOT TO EXCEED 1/2" HEIGHT.
- HARDWARE SET #4: (COLING ROLL UP -FIRE RISER ROOM DOOR)**
- FULL WIDTH WEATHER RUBBER CUSHION @ BOTTOM OF DOOR WEATHER SEALS AT EACH JAMB.
MANUAL CHAIN DRIVEN LIFT/ COUNTERBALANCING TORSION SPRING COIL HOUSING, INTERIOR MOUNTED JAMB MOUNTED METAL RAILS TWO EXTERIOR MOUNTED KEYPED PADLOCKS TWO EXTERIOR MOUNTED LIFTING HANDLES
- HARDWARE SET #5: (ALUMN/ GLASS-DOUBLE ENTRANCE DOOR)**
- (2) SET SINGLE ACTING OFFSET PIVOT HINGES BY KAWNEER
 - (2) DOOR CLOSER - NORTON 1605 SURFACE CLOSER
 - (1) 4" EXTRUDED - MILL FINISH ALUMINUM THRESHOLD (FOR OFFSET PIVOT AND OVERHEAD CLOSER)
 - (1) ADAMS RITE MS+1890 DEADLOCK / LATCH COMBINATION
 - (2) ADAMS RITE 4590 LATCH PADDLE DEVICE
 - (2) ADAMS RITE STANDARD LATCH STRIKE AS REQUIRED
 - (1) CYLINDER - SCHLAGE (7PIN) MORTISE - MATCH DOOR FINISH
 - (2) CP II DOOR PUSH & CO-9 PULL #14 CLEAR ANODIZE FINISH SURFACE ATTACHED SWEEP STRIP.
 - (2) SEALER WEATHERING SYSTEM AND EPDM BLADE MOUNTED IN ROOM
 - (2) CONTRACTOR INSTALLED NOTE: "DOOR TO REMAIN UNLOCKED DURING STORE OPERATION"

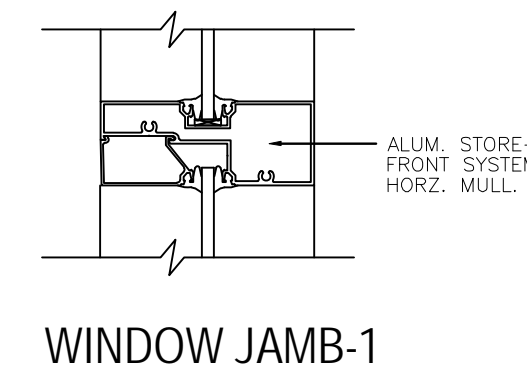
2 Hardware Notes



HEAD-3



WINDOW HEAD-1/WINDOW JAMB-1



WINDOW JAMB-1

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ISSUED FOR:

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MARK	DATE	REVISION

COMM. NO.	DRAWN
DATE	CHECKED
SCALE AS NOTED	APPROVED

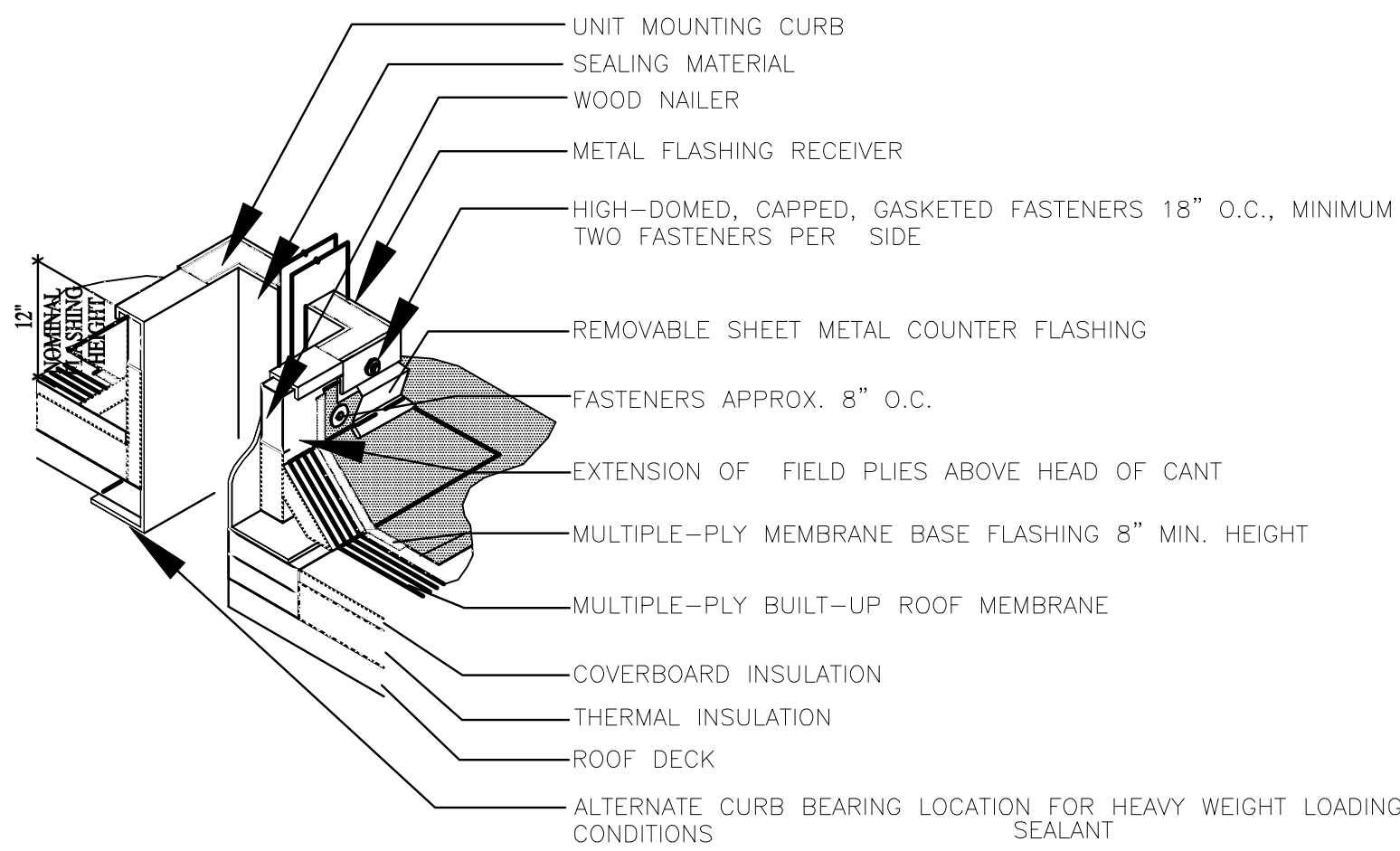
TYP. DOOR & WINDOWS DETAILS

SHEET NO.

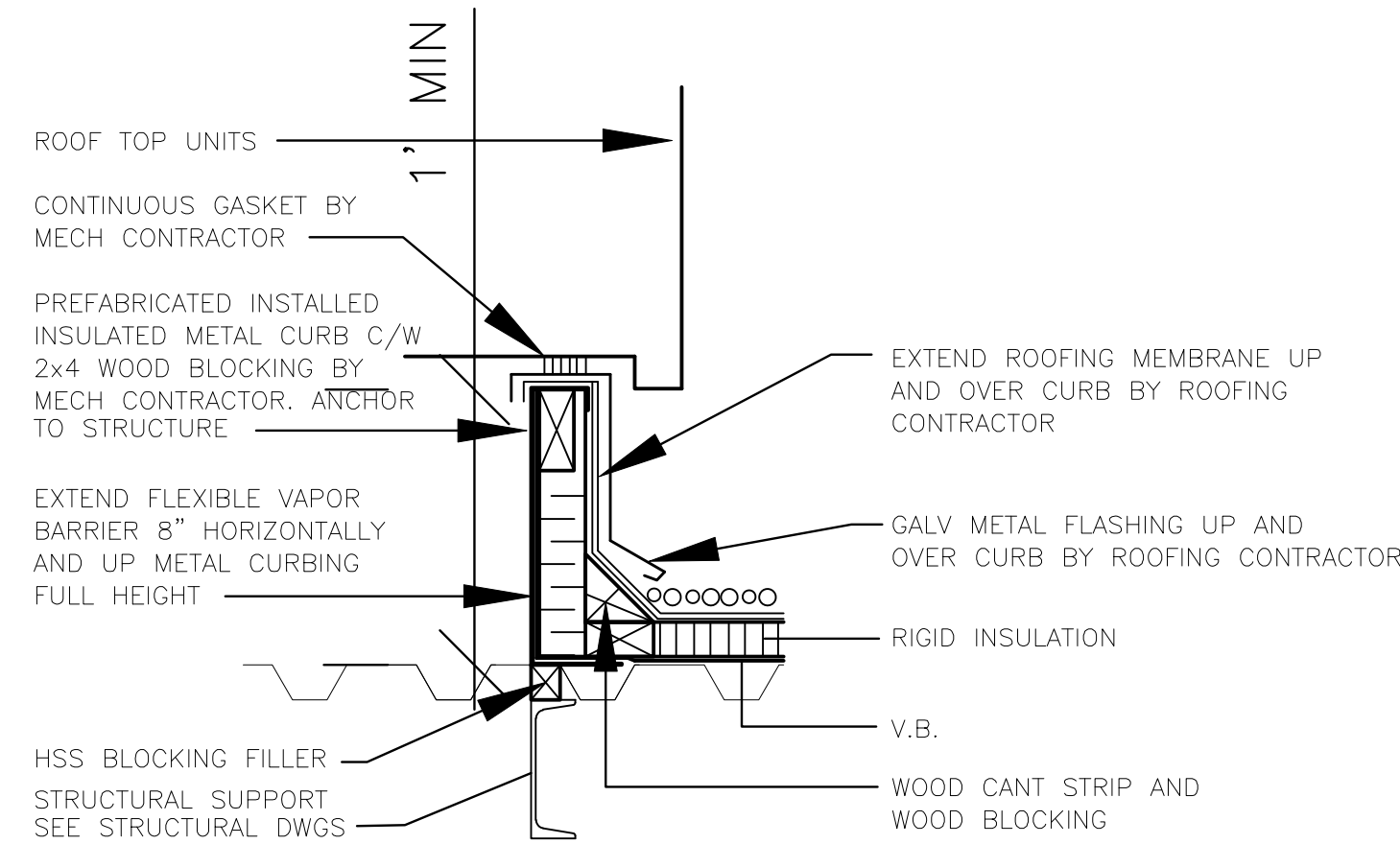
A-9

SHT 1 OF 1

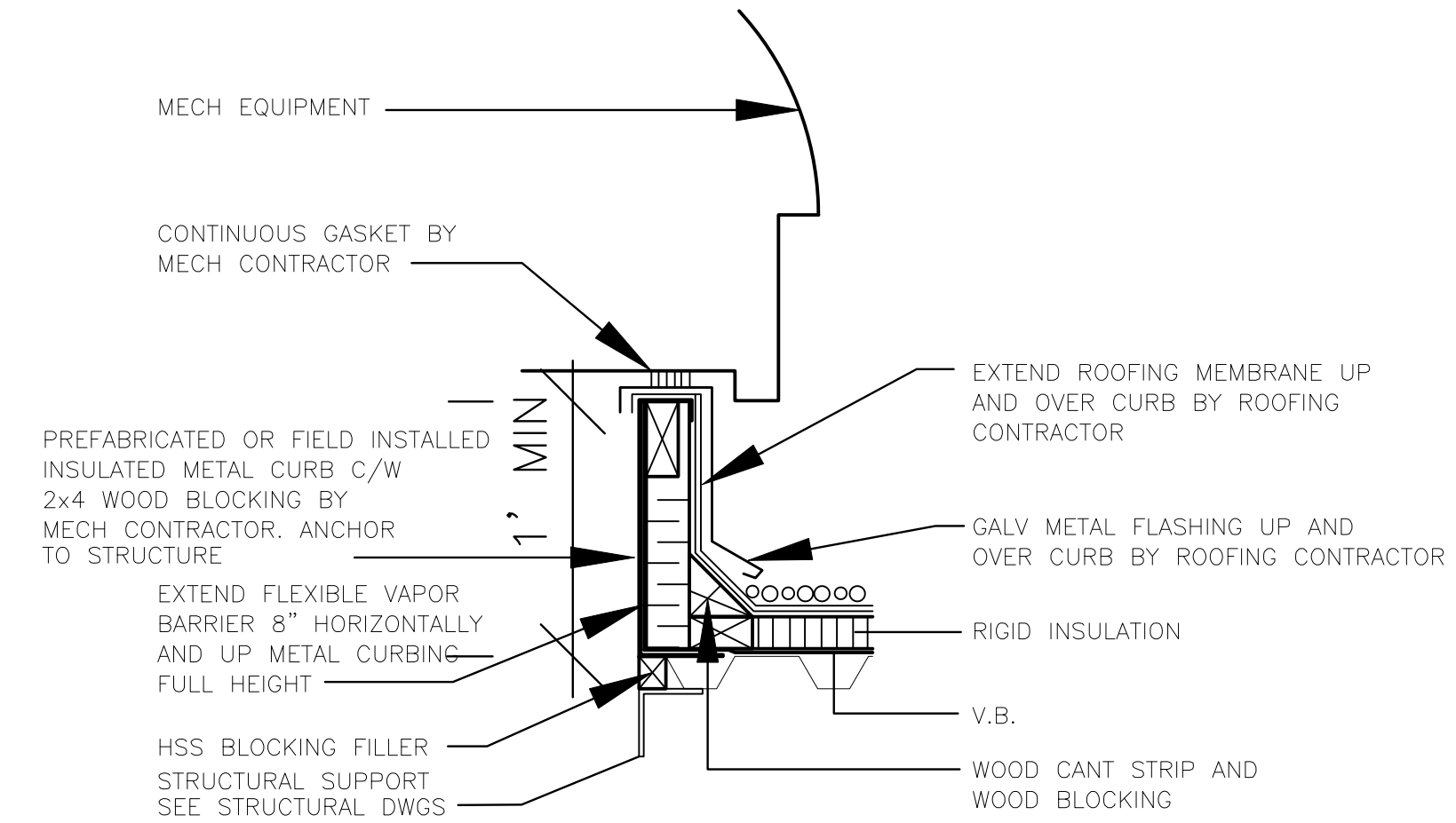
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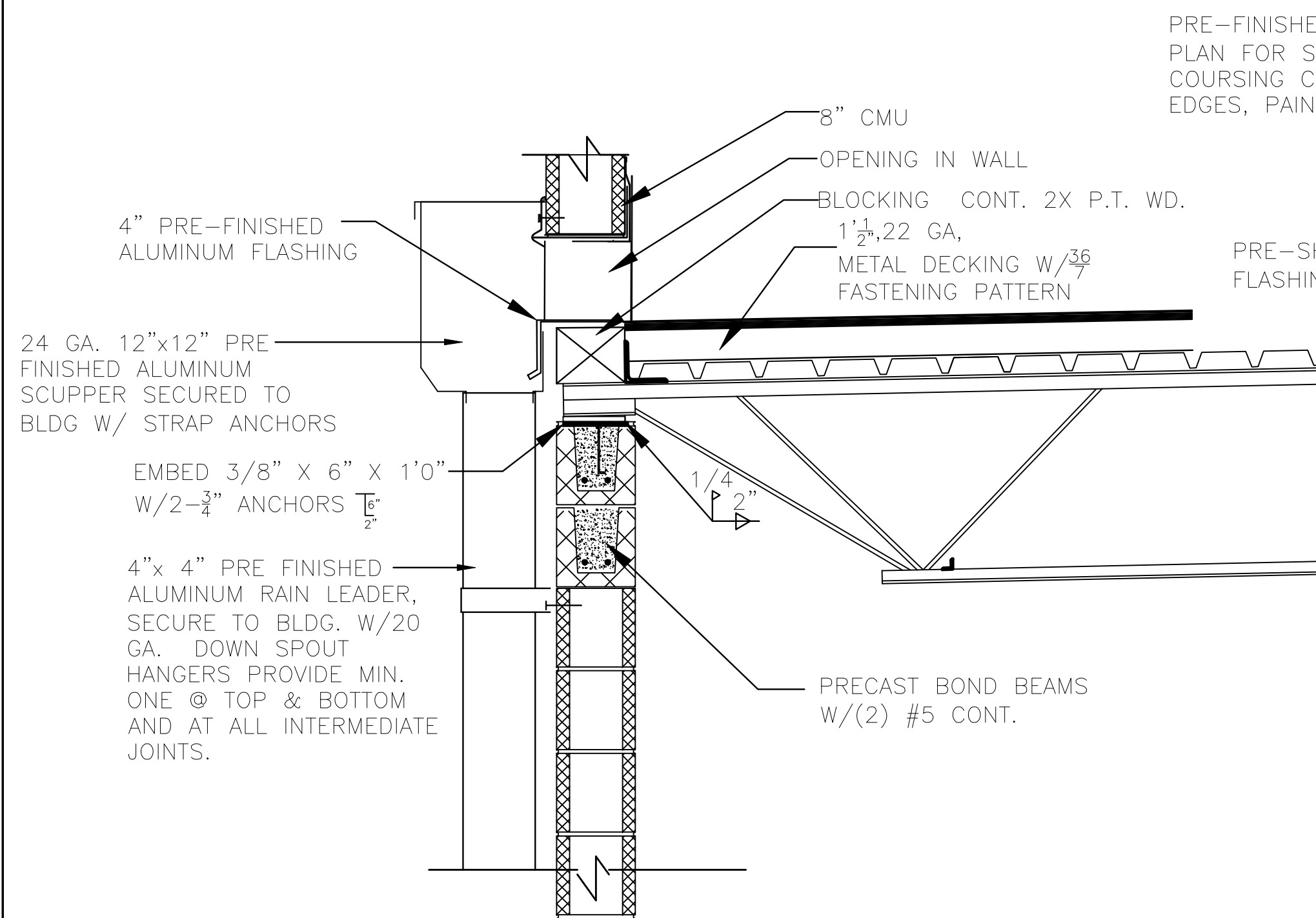
2 RTU CURB DETAIL
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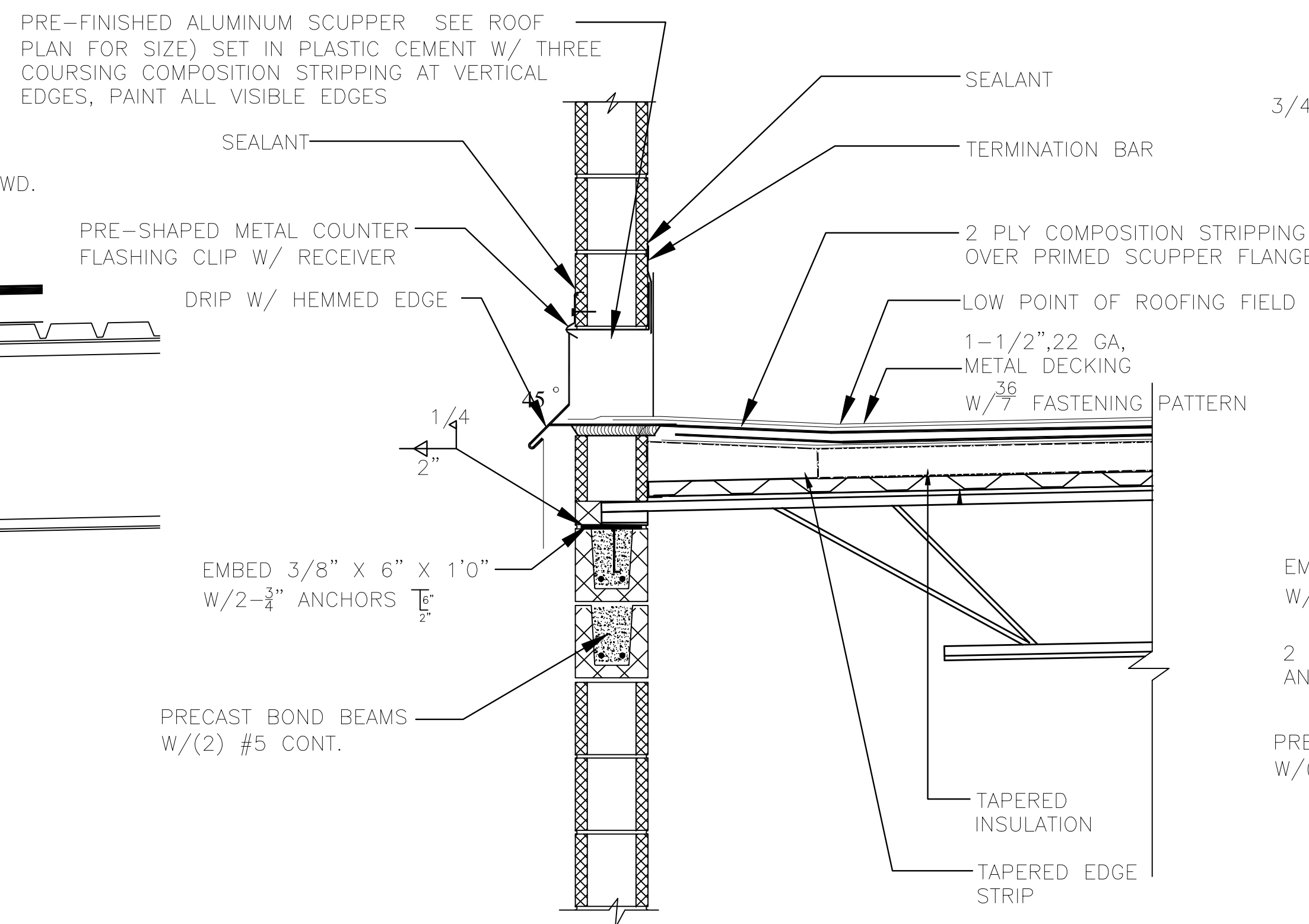
2 HVAC & ERV UNIT CURB DETAIL
SCALE: 1-1/2"=1'-0"



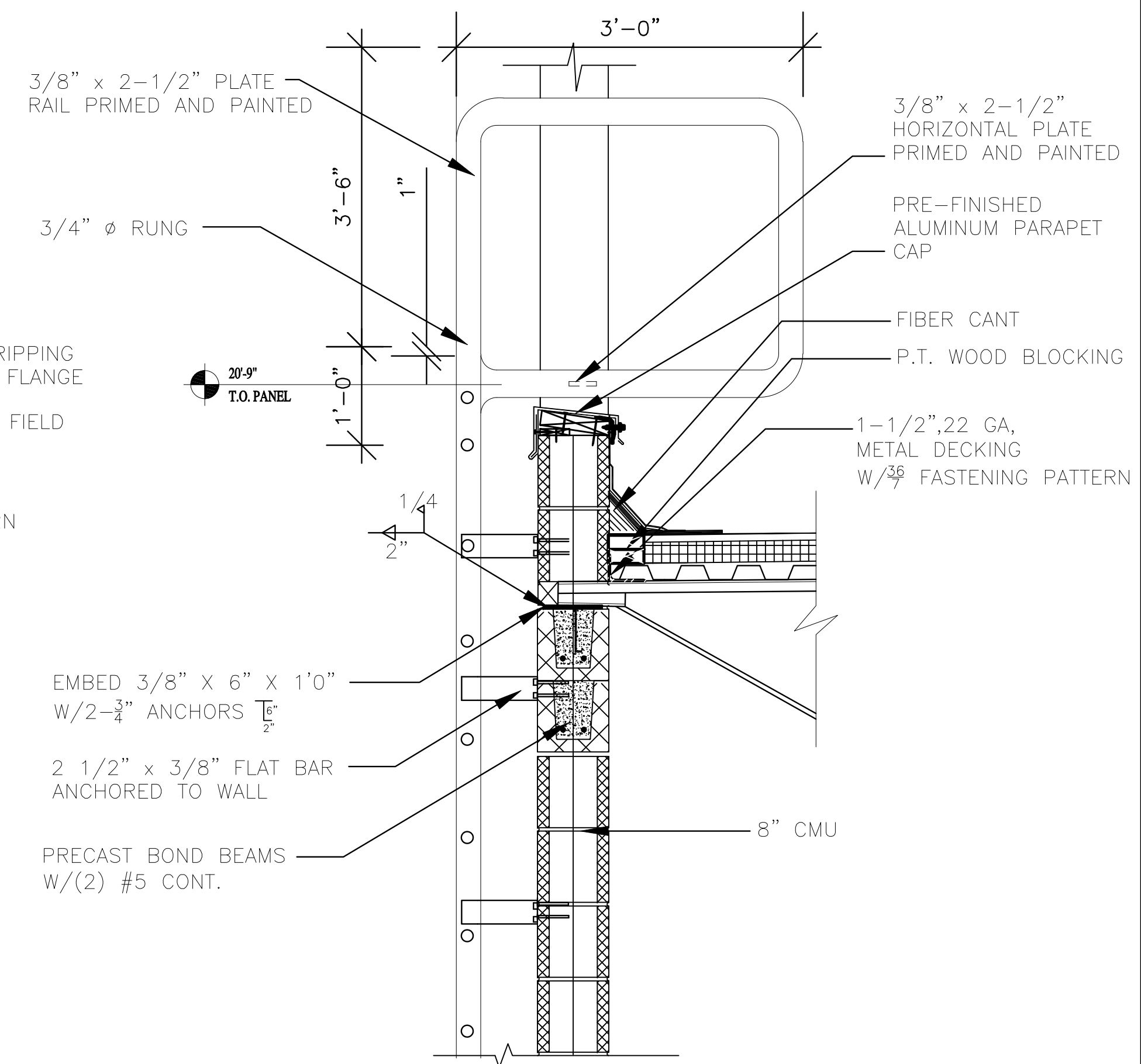
3 FAN CURB DETAIL
SCALE: 1-1/2"=1'-0"



4 PRIMARY SCUPPER DETAIL
SCALE: 1"=1'-0"



5 OVERFLOW SCUPPER DETAIL
SCALE: 1"=1'-0"



6 ROOF LADDER
SCALE: NTS

NOT FOR CONSTRUCTION
ISSUED FOR REVIEW ONLY
DATE: 2-08-2007

OWNER

Qualperf, LLC, 2168 Hunter Pl,
Santa Clara, CA 95054
Tel: 408.646.1711

ENGINEER

JOE P. HILL, P.E., INC.
CONSULTING STRUCTURAL ENGINEERING
1801 N. Hampton Rd.
Suite 440, DeSoto, Texas 75115
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ARCHITECT

Dennis T. Mitchell NCARB, AIA
Architect
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ARLINGTON, TX 76017
817-265-2415 FAX 817-483-7377

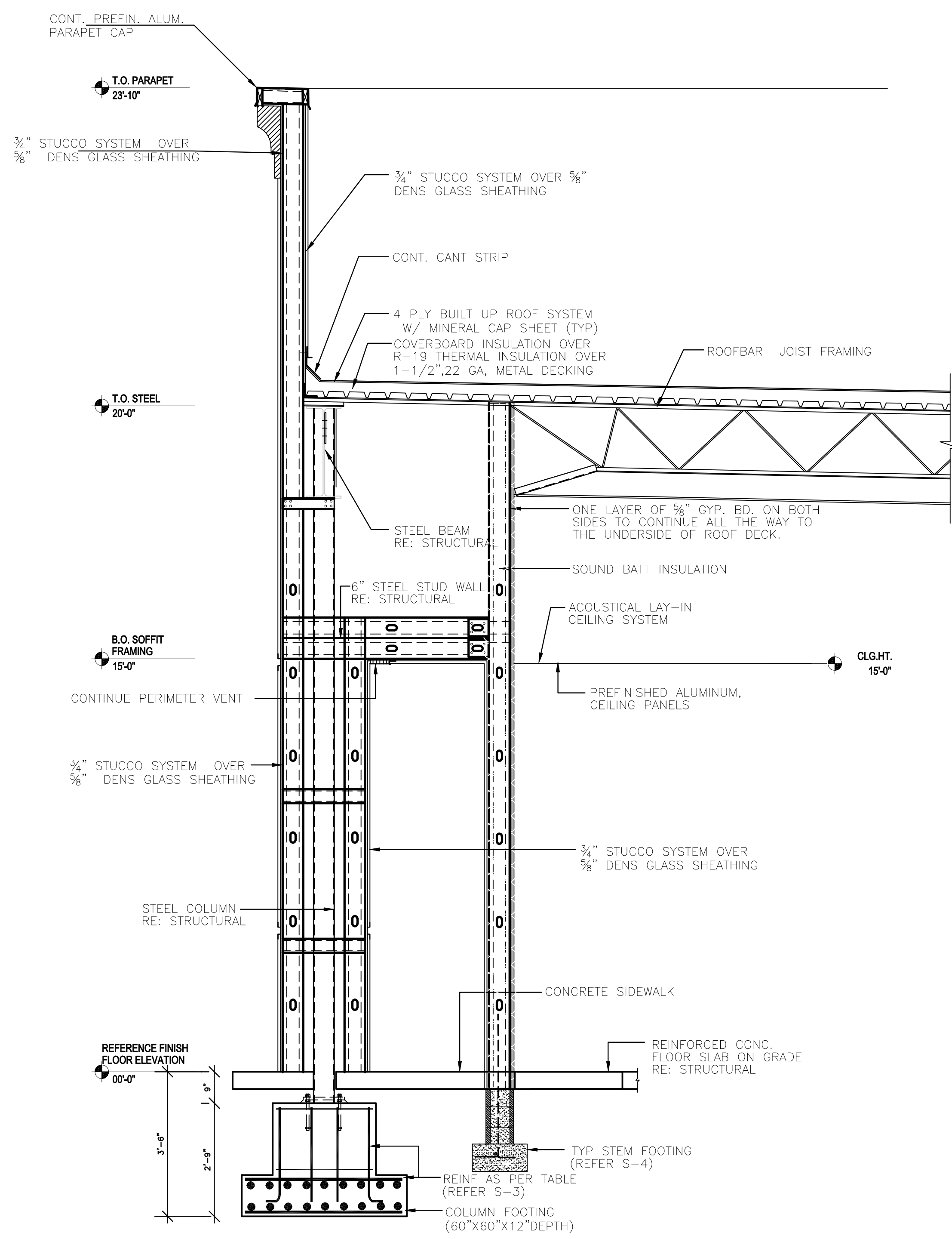
ISSUED FOR:

- PRELIM.
- BIDDING
- PERMIT
- CONSTRUCTION

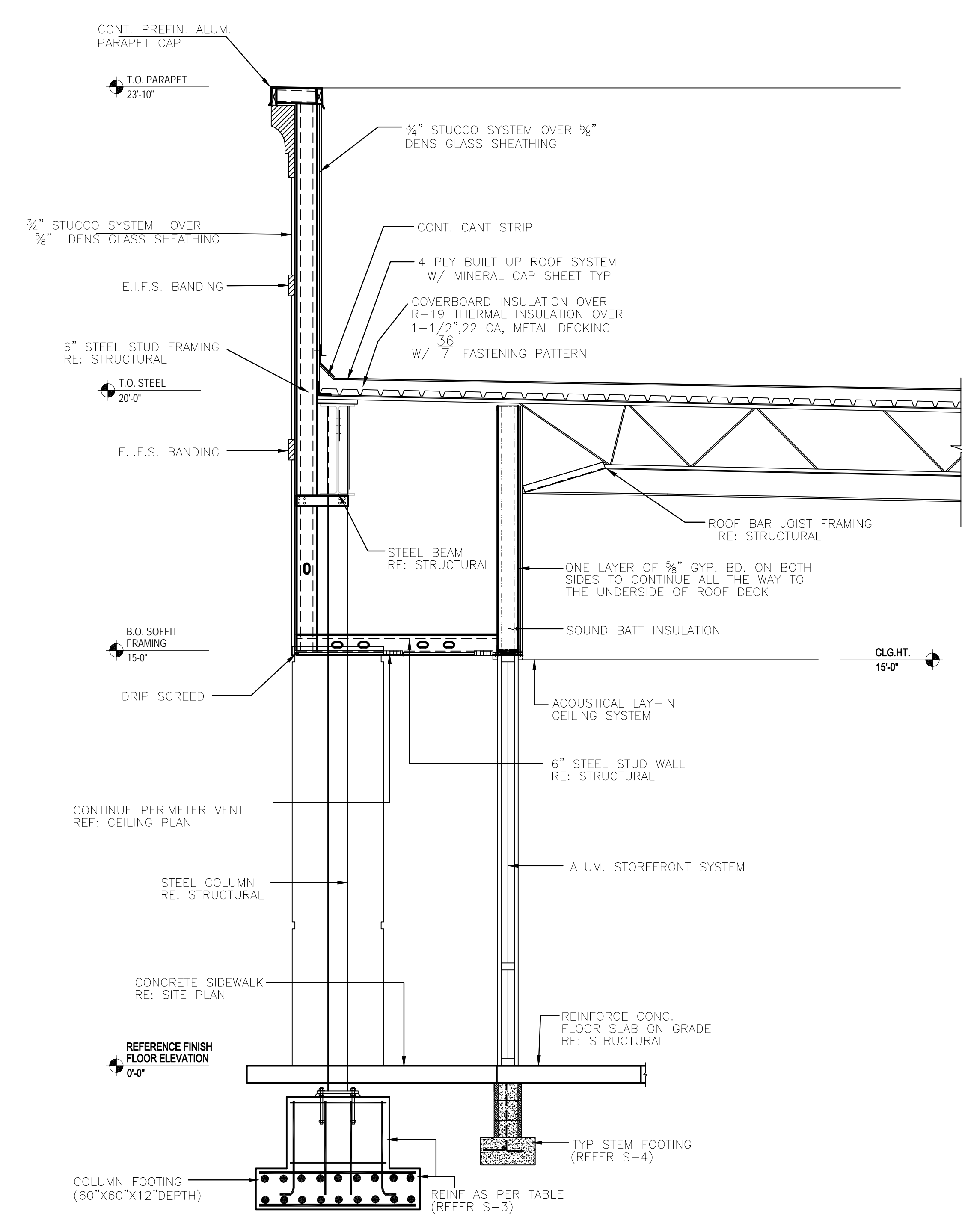
MARK	DATE	REVISION

ROOF DETAILS

SHEET NO.
A-10
SHT 1 OF 1



E FRONT CANOPY SECTION, SH. A-2
SCALE: 1/2" = 1'-0"

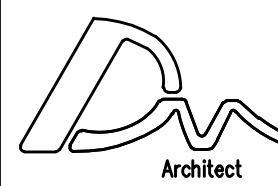


F FRONT CANOPY SECTION, SH. A-2
SCALE: 1/2" = 1'-0"

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ISSUED FOR:

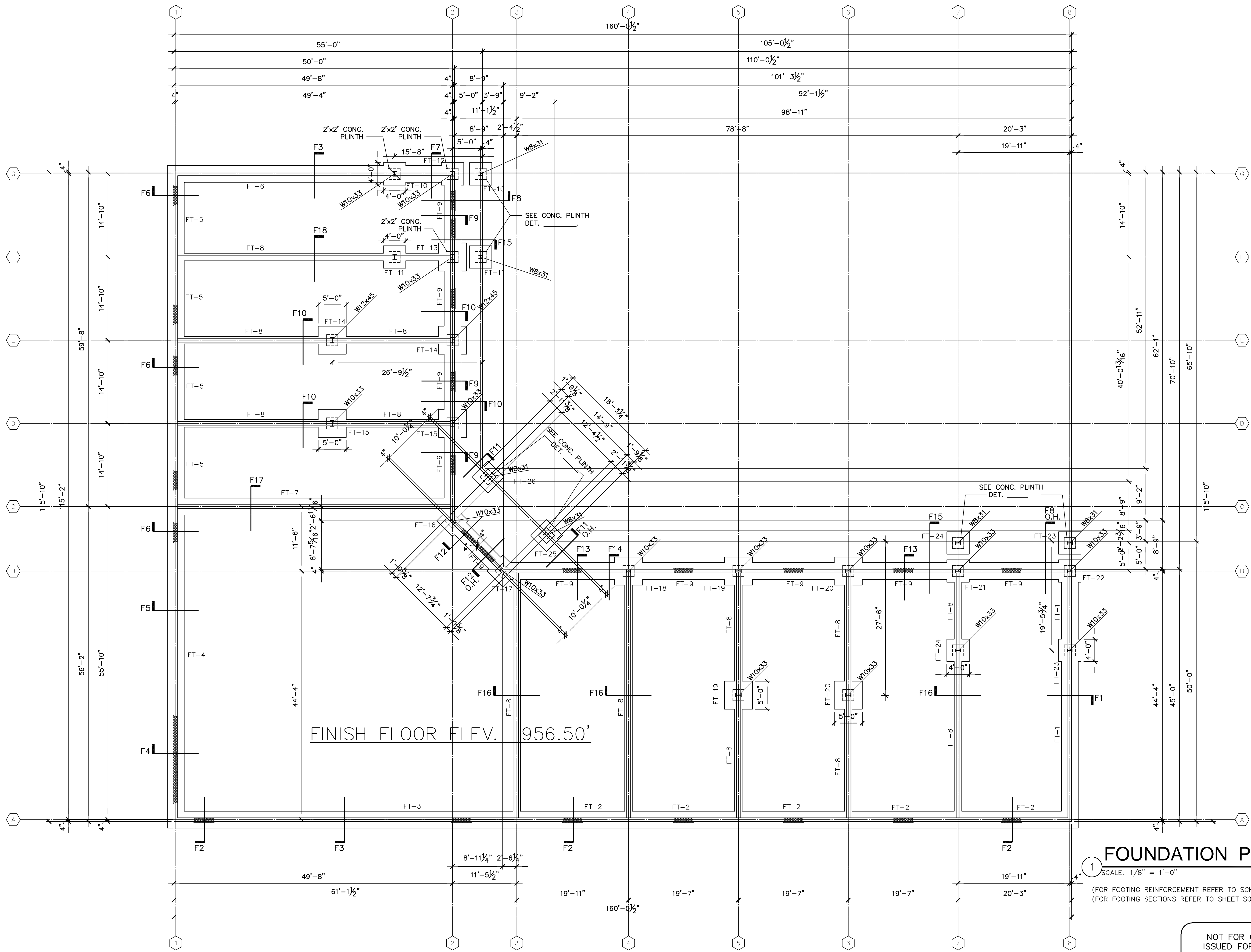
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<input type="checkbox"/>	CONSTRUCTION	_____

MARK	DATE	REVISION

COMM. NO.	DRAWN
DATE	CHECKED
SCALE	AS NOTED
	APPROVED

CANOPY & SECTION DETAILS

SHEET NO.
A-11
SHT 1 OF 1



FOUNDATION PLAN


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

(FOR FOOTING REINFORCEMENT REFER TO SCHEDULE ON SHT. SO.2)
 (FOR FOOTING SECTIONS REFER TO SHEET SO.3)

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ISSUED FOR:

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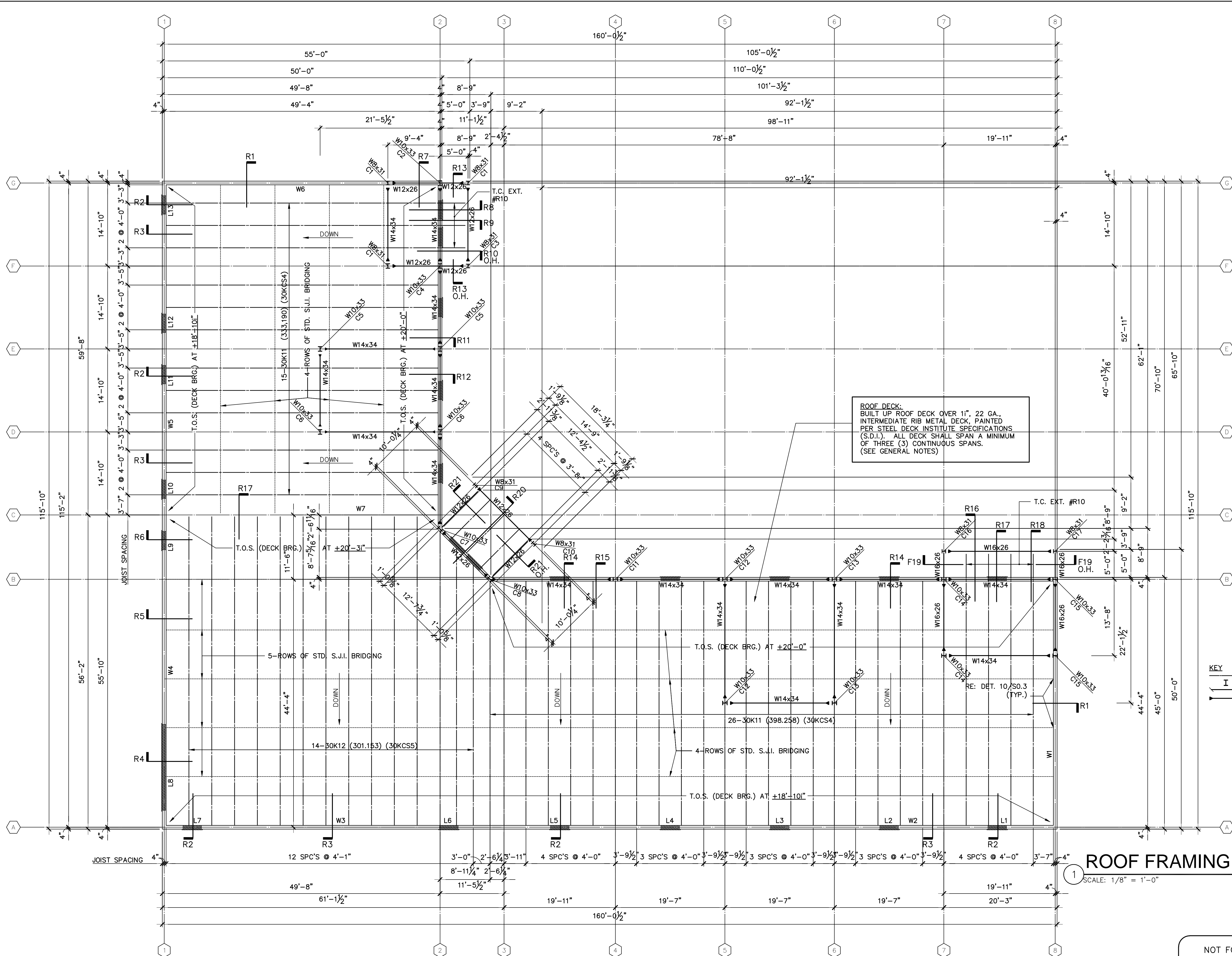
CONSTRUCTION _____

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	APPROVED

FOUNDATION PLAN

SHEET NO.
S-1
 SHT 1 OF 1



ROOF DECK:
 BUILT UP ROOF DECK OVER 1", 22 GA.,
 INTERMEDIATE RIB METAL DECK, PAINTED
 PER STEEL DECK INSTITUTE SPECIFICATIONS
 (S.D.I.). ALL DECK SHALL SPAN A MINIMUM
 OF THREE (3) CONTIGUOUS SPANS.
 (SEE GENERAL NOTES)

KEY

- JOIST
- STEEL COLUMN TYPE
- STEEL BEAM TYPE
- BEAM TO COLUMN
- MOM. CONNECTION

ROOF FRAMING PLAN

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




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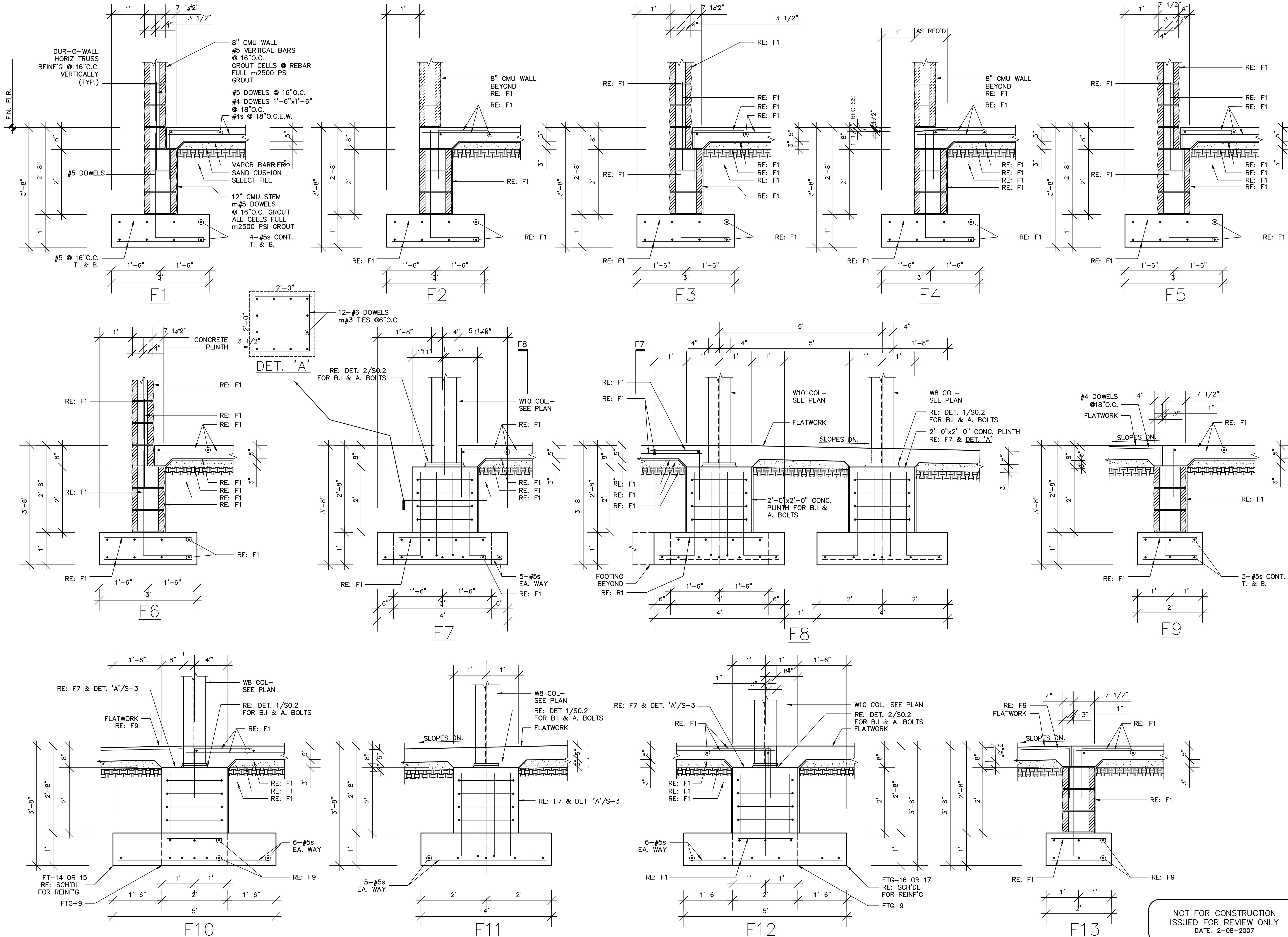
ROOF FRAMING PLAN

SHEET NO.

S-2

SHT 1 OF 1

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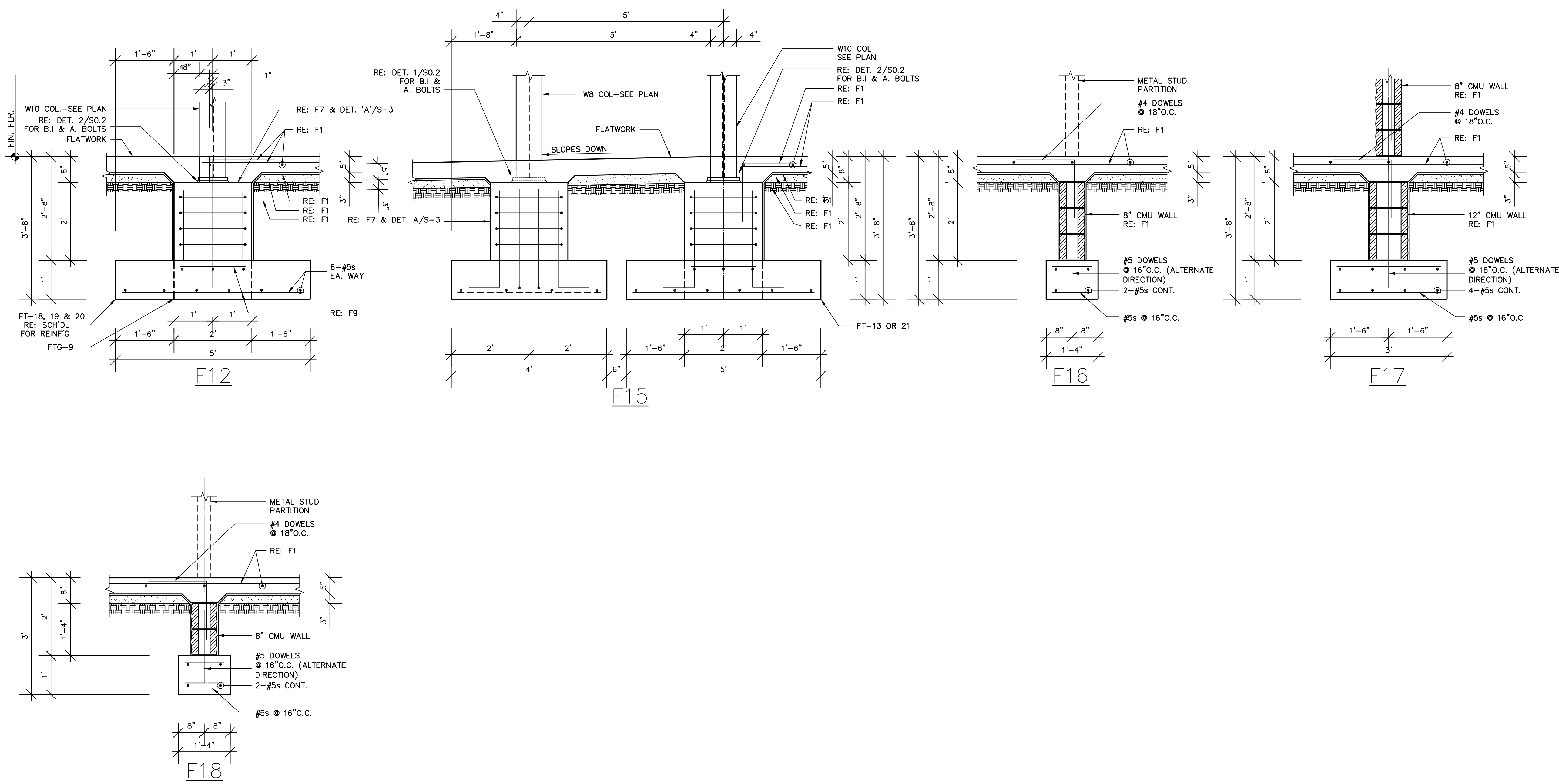
MARK DATE REVISION

COMM. NO.	DRAWN
DATE	CHECKED
SCALE	AS NOTED
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FOUNDATION DETAILS - 1

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SHEET NO.
S-3
SHT 1 OF 1



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ISSUED FOR:

PRELIM. _____
 BIDDING _____
 PERMIT _____
 CONSTRUCTION _____

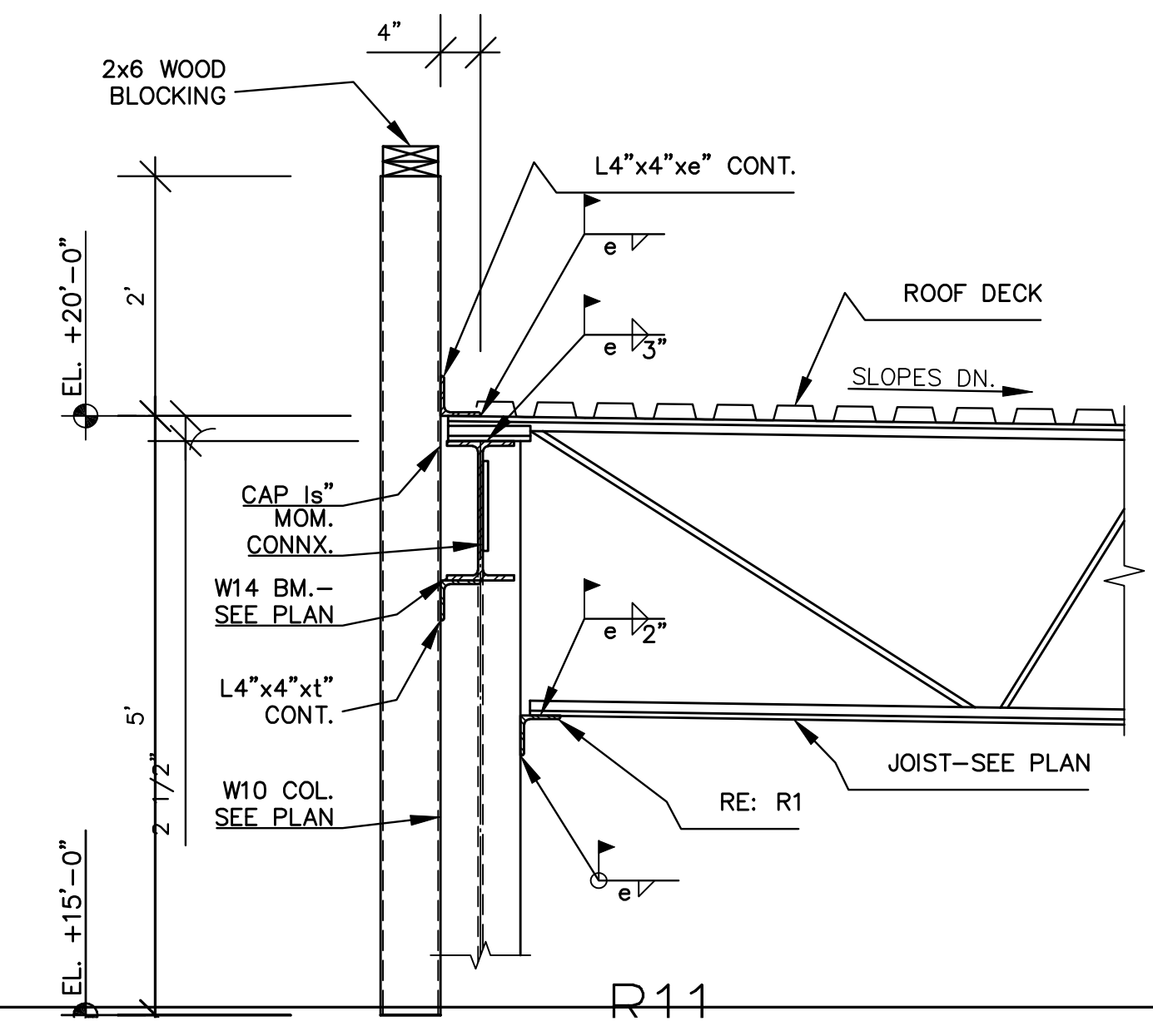
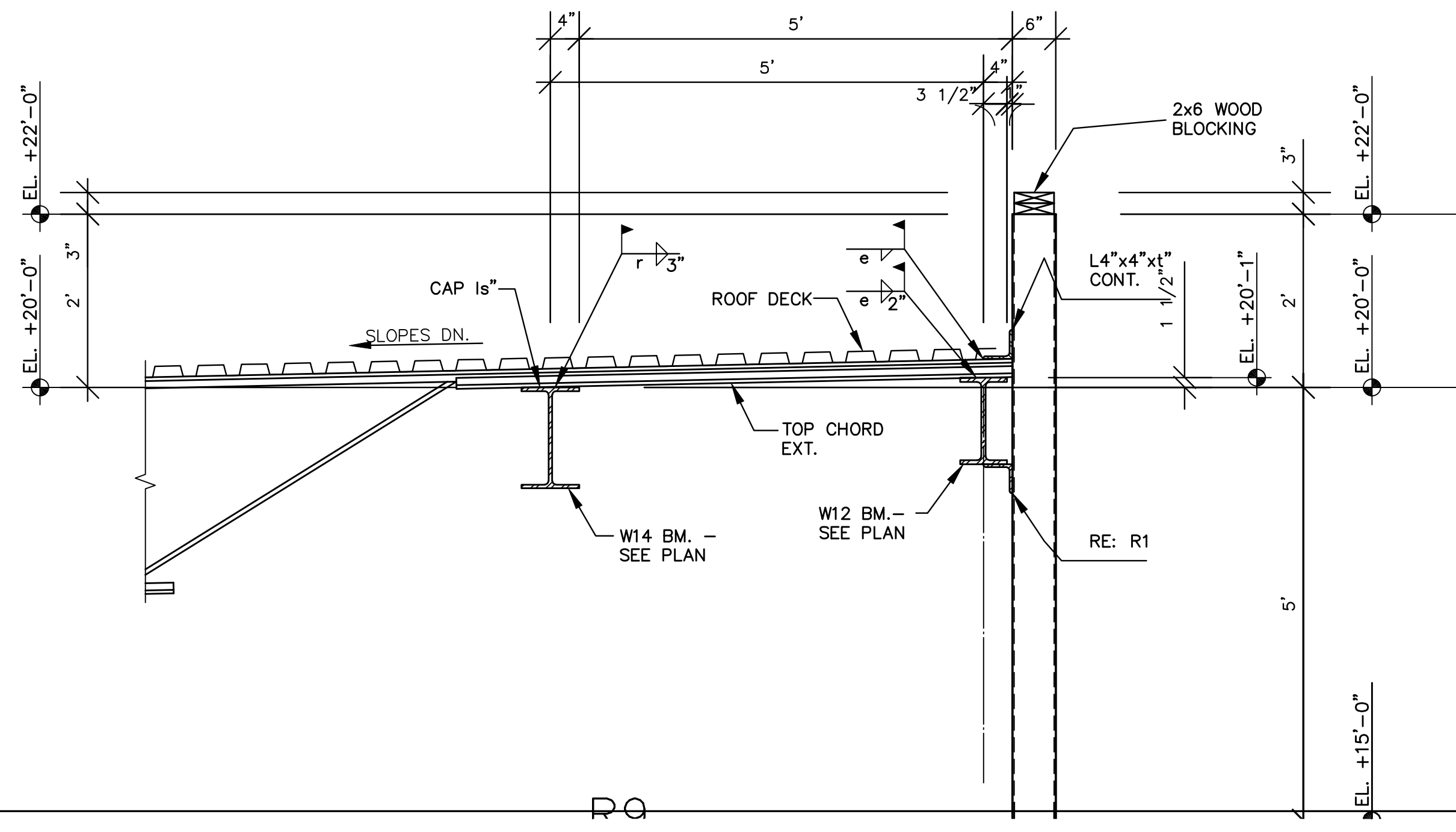
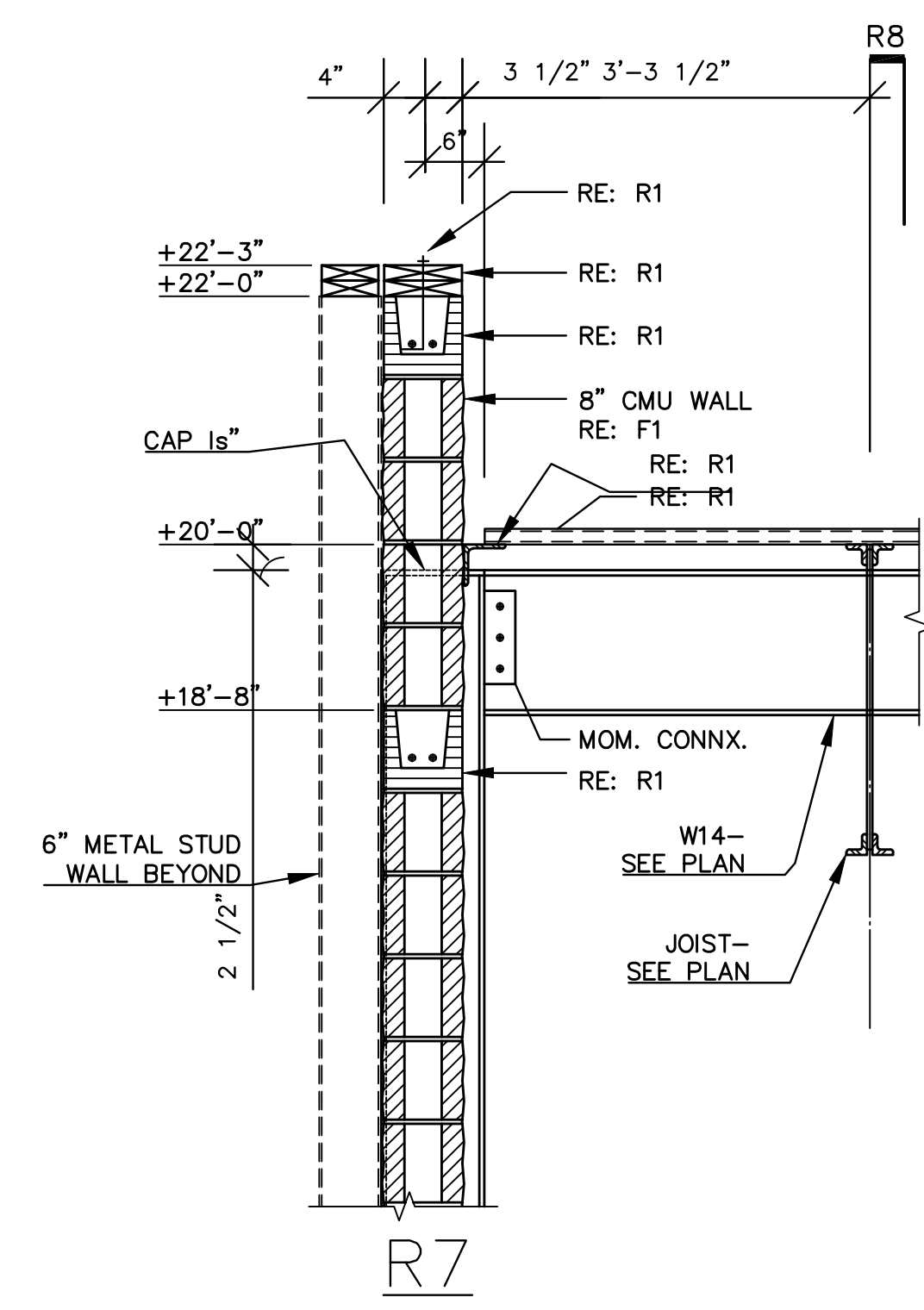
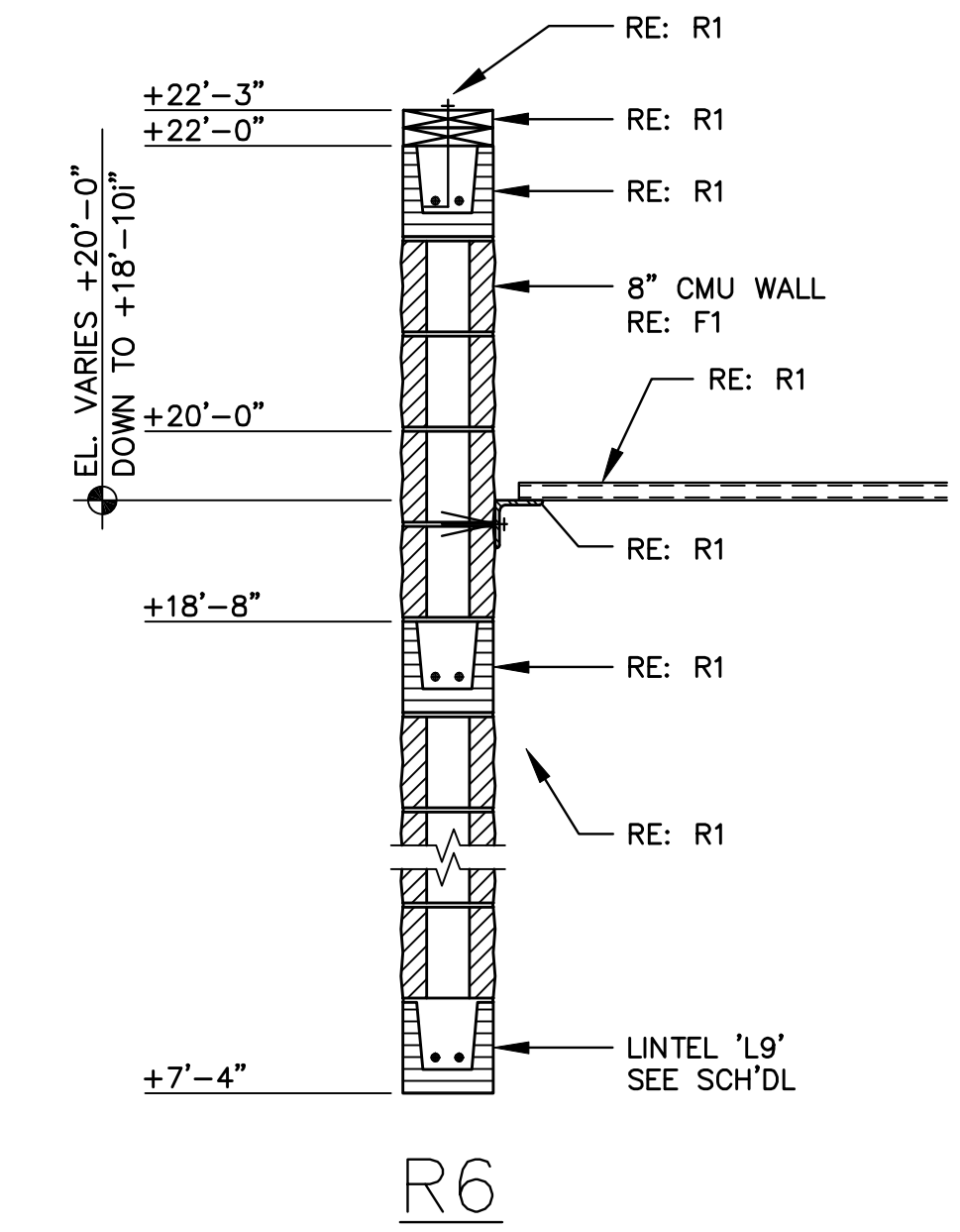
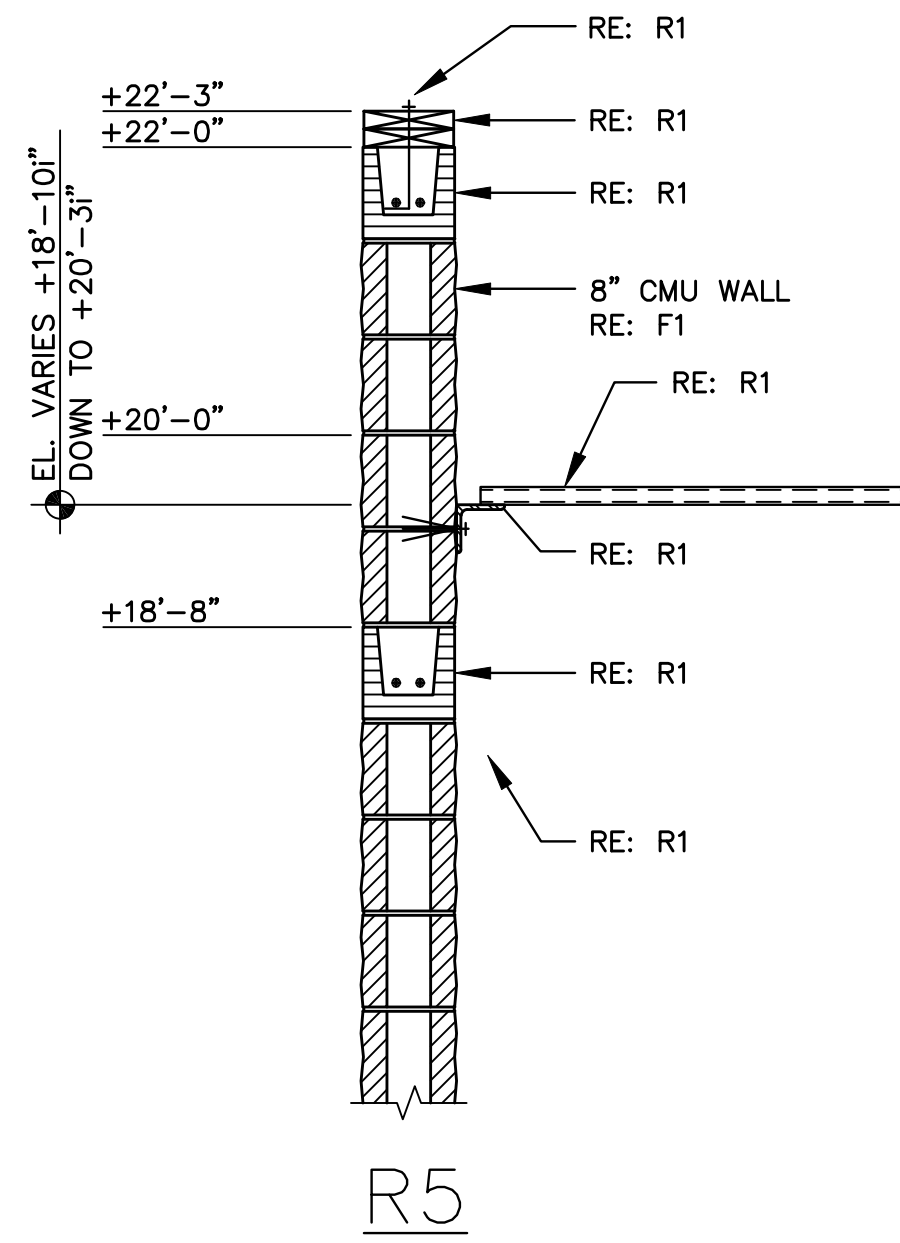
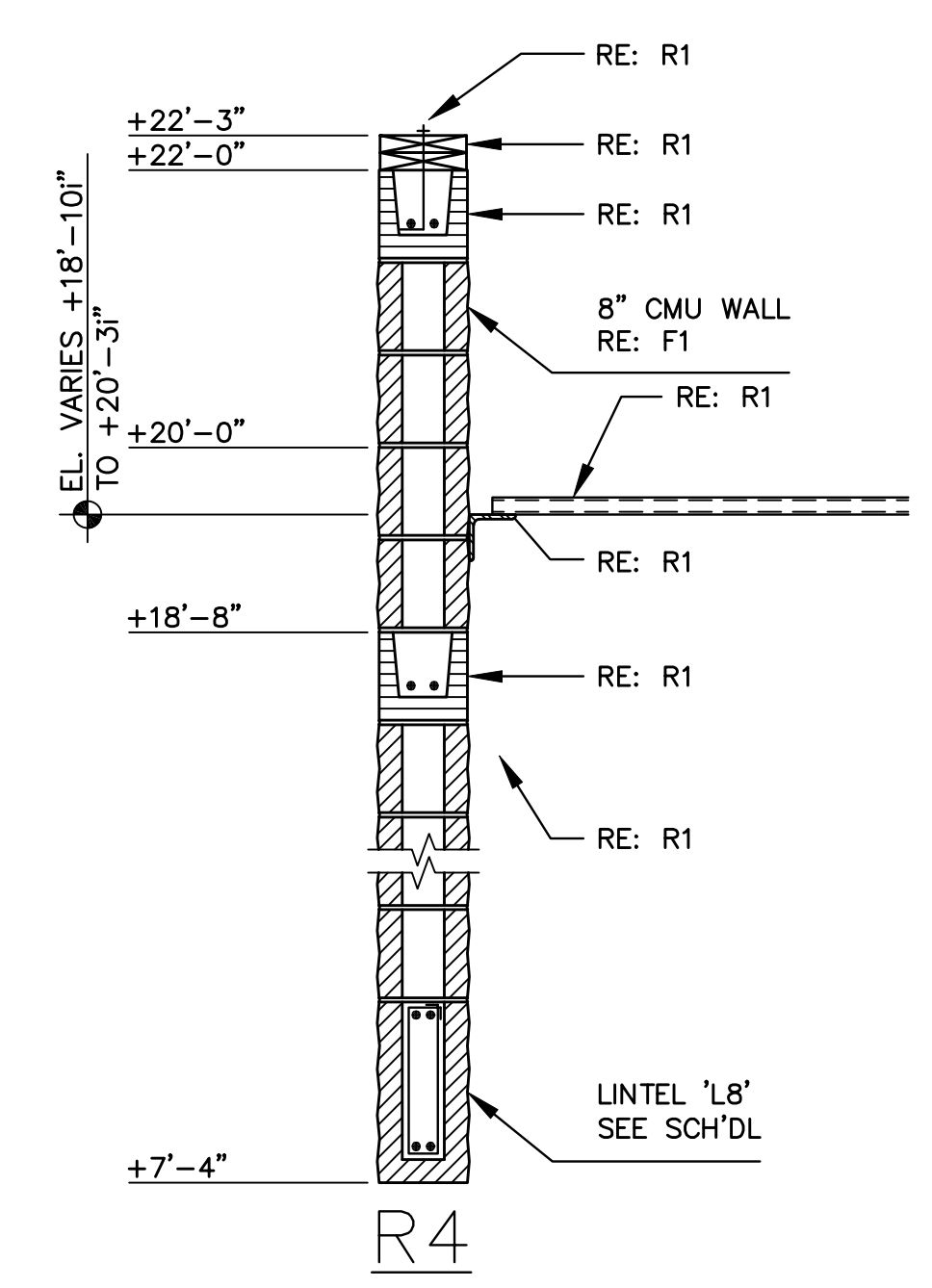
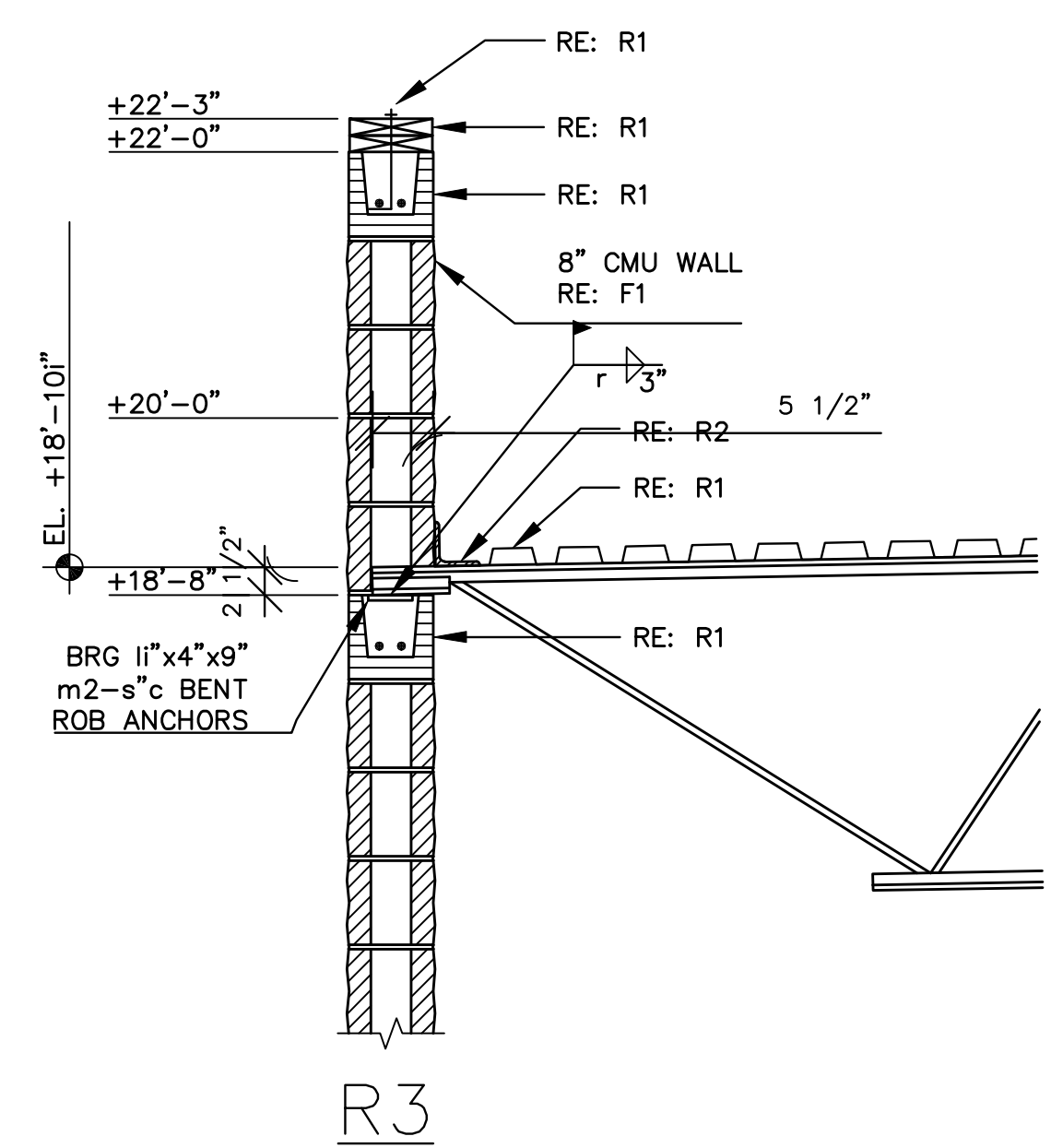
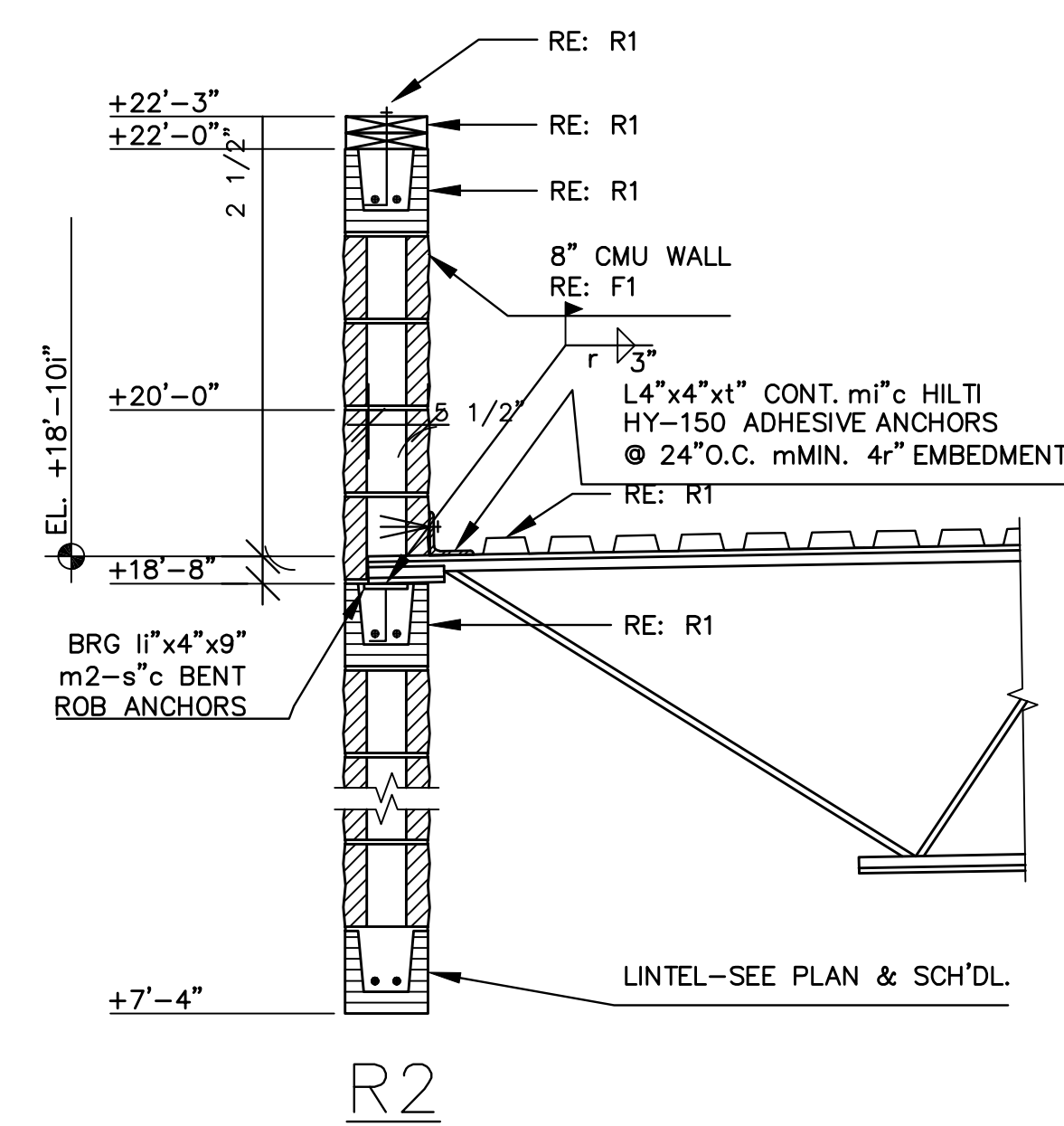
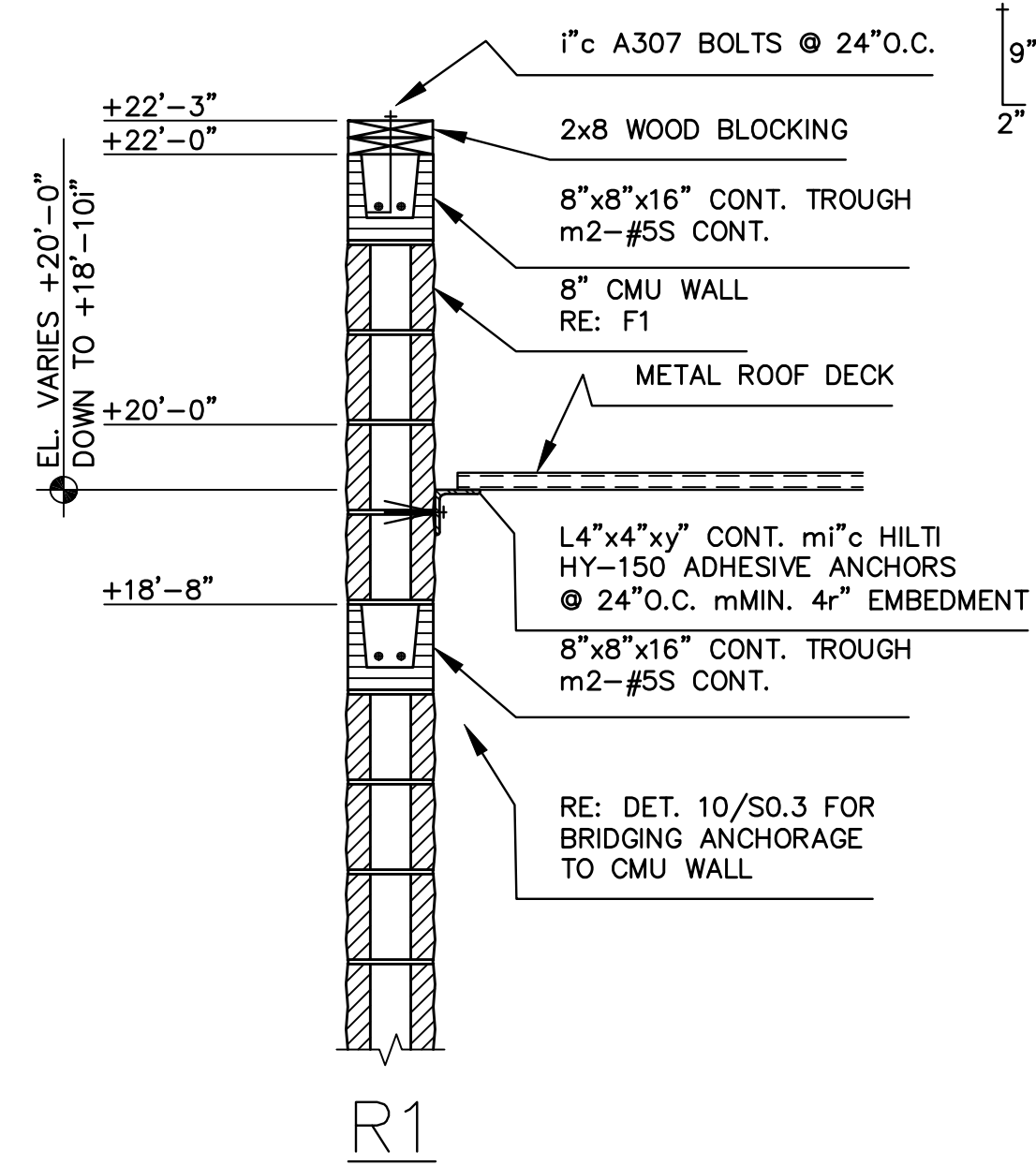
MARK	DATE	REVISION

COMM. NO.	DRAWN
DATE	CHECKED
SCALE	AS NOTED
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FOUNDATION DETAILS - 2

SHEET NO.
S-4
 SHT 1 OF 1

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- PERMIT _____
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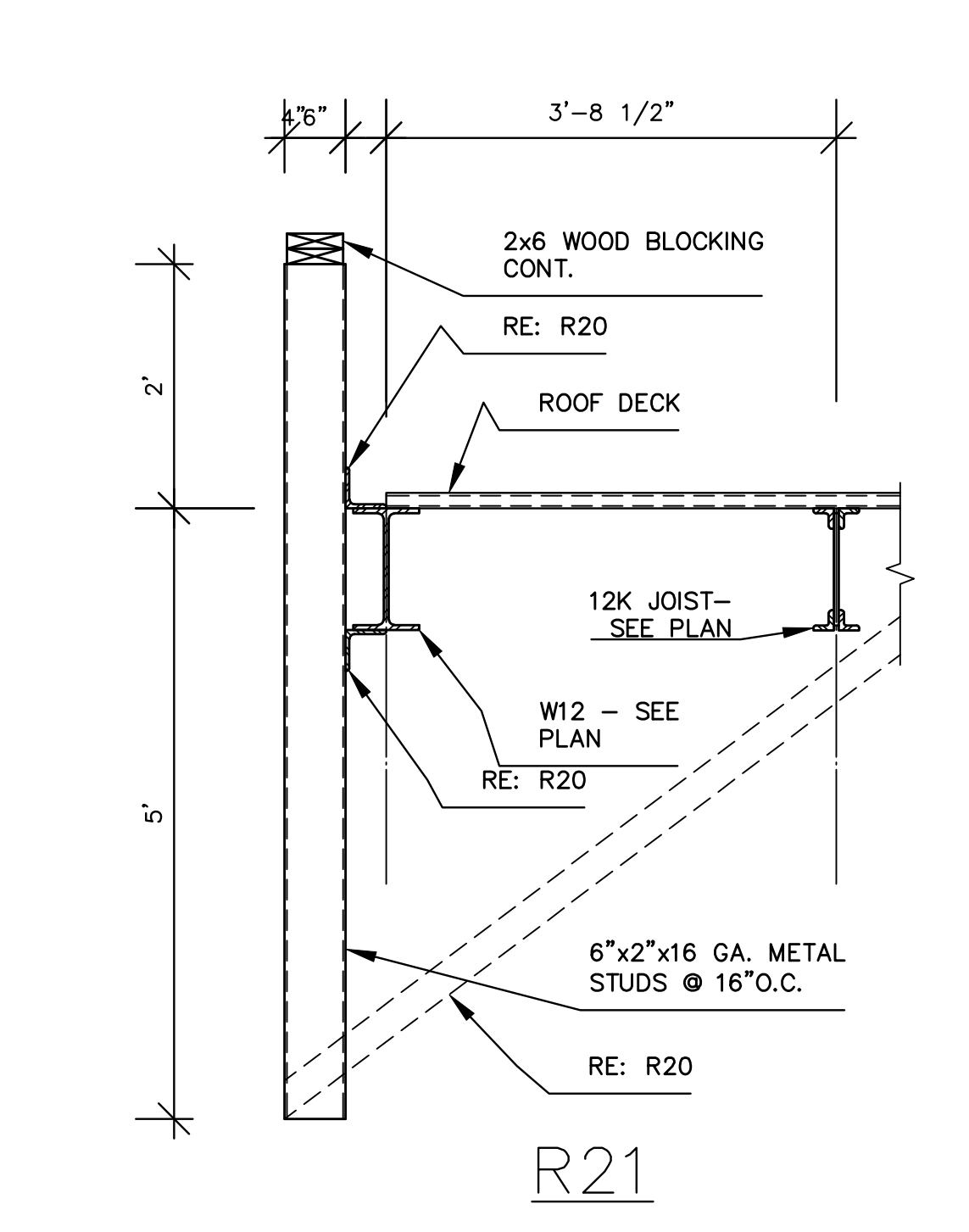
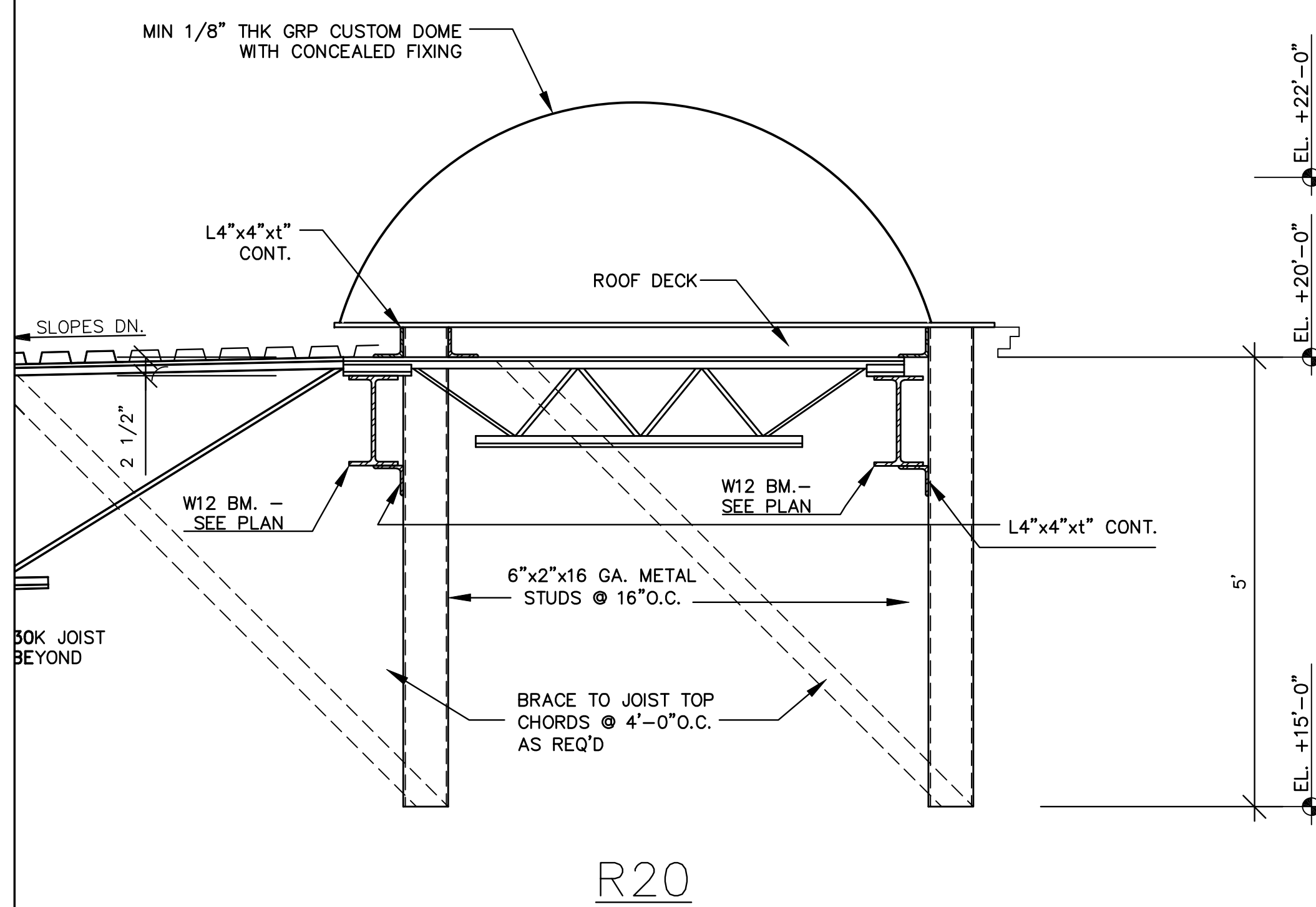
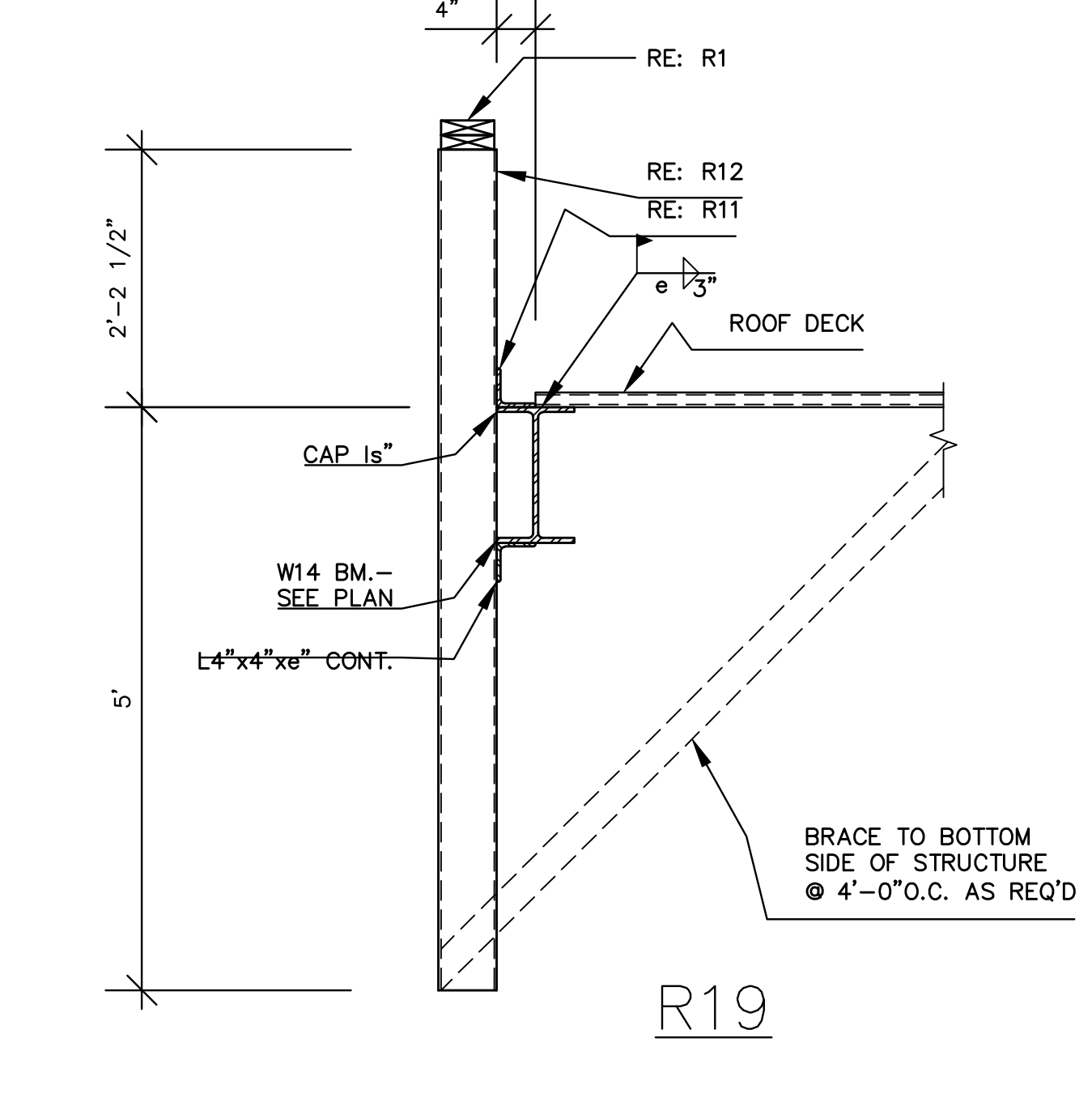
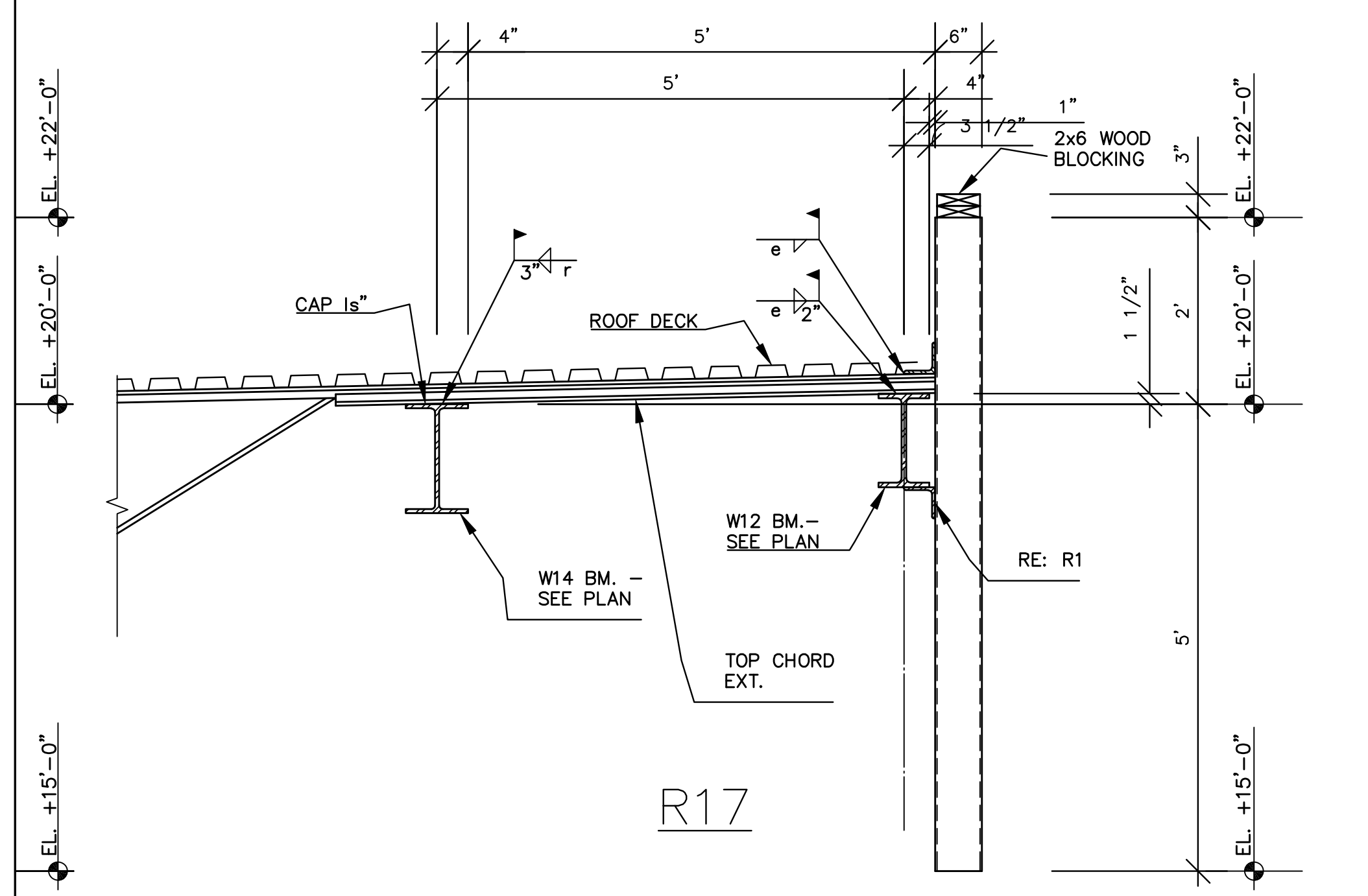
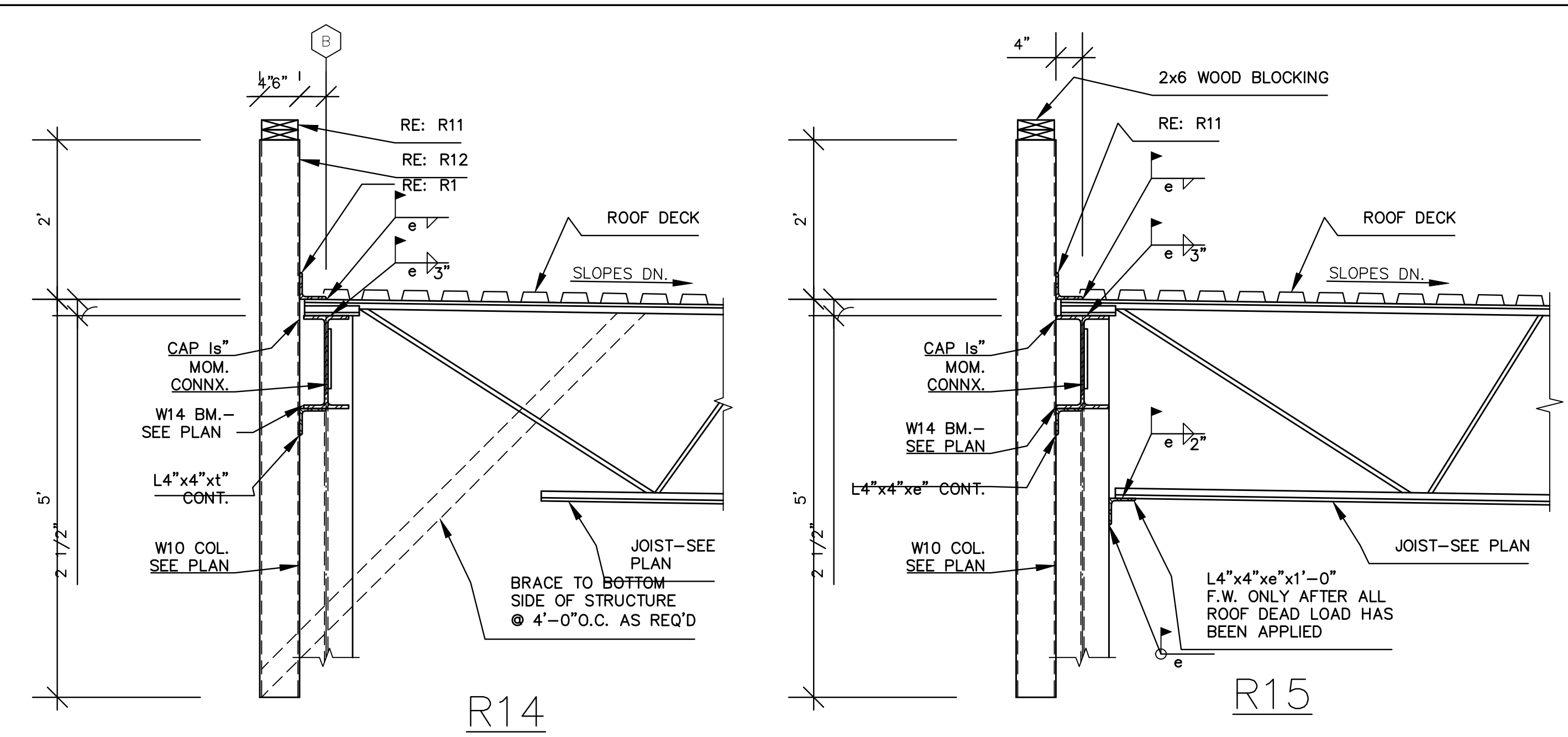
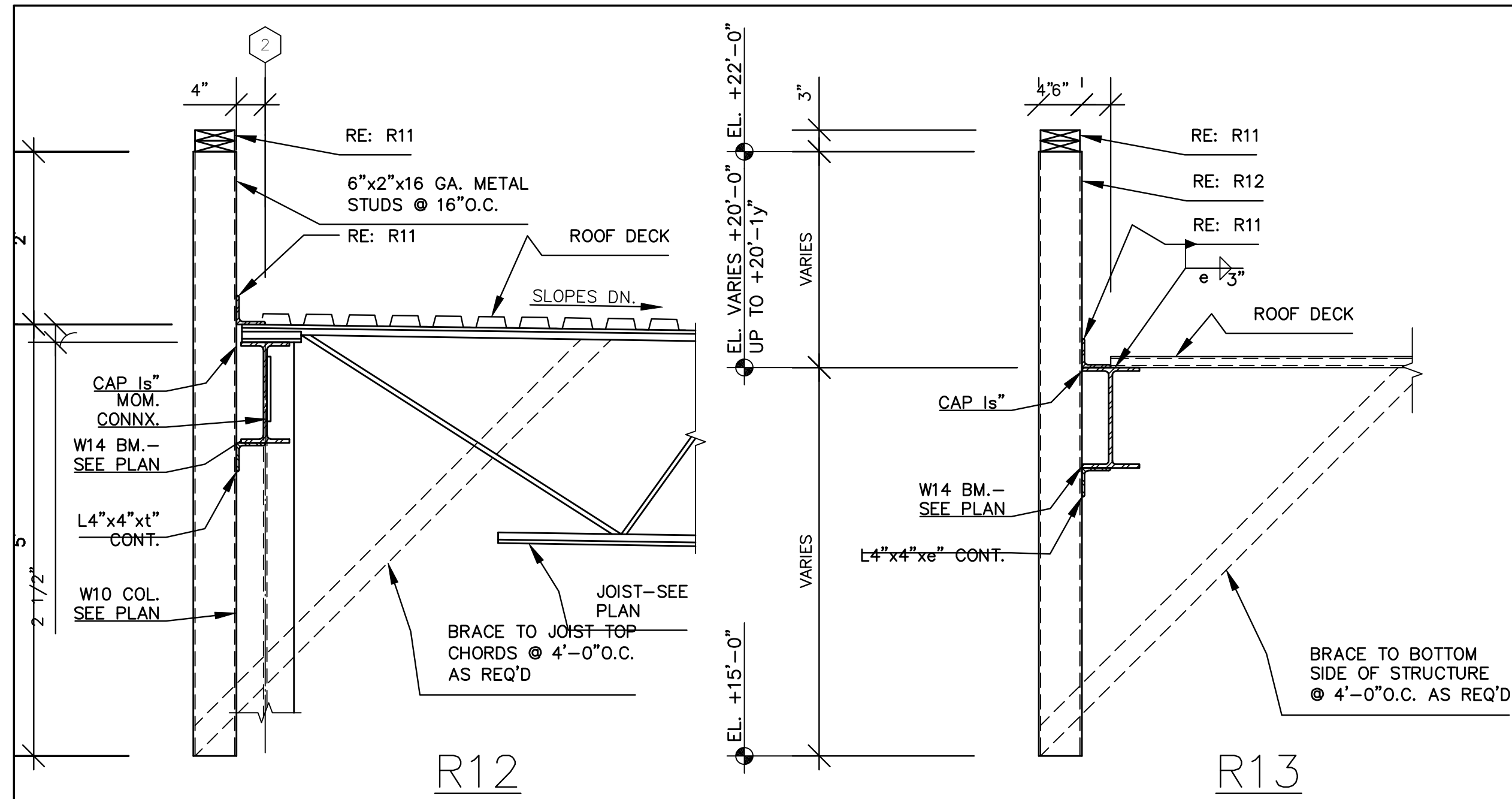
MARK	DATE	REVISION

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SCALE	APPROVED

ROOF DETAILS - 1

SHEET NO.	S-5
	SHT 1 OF 1

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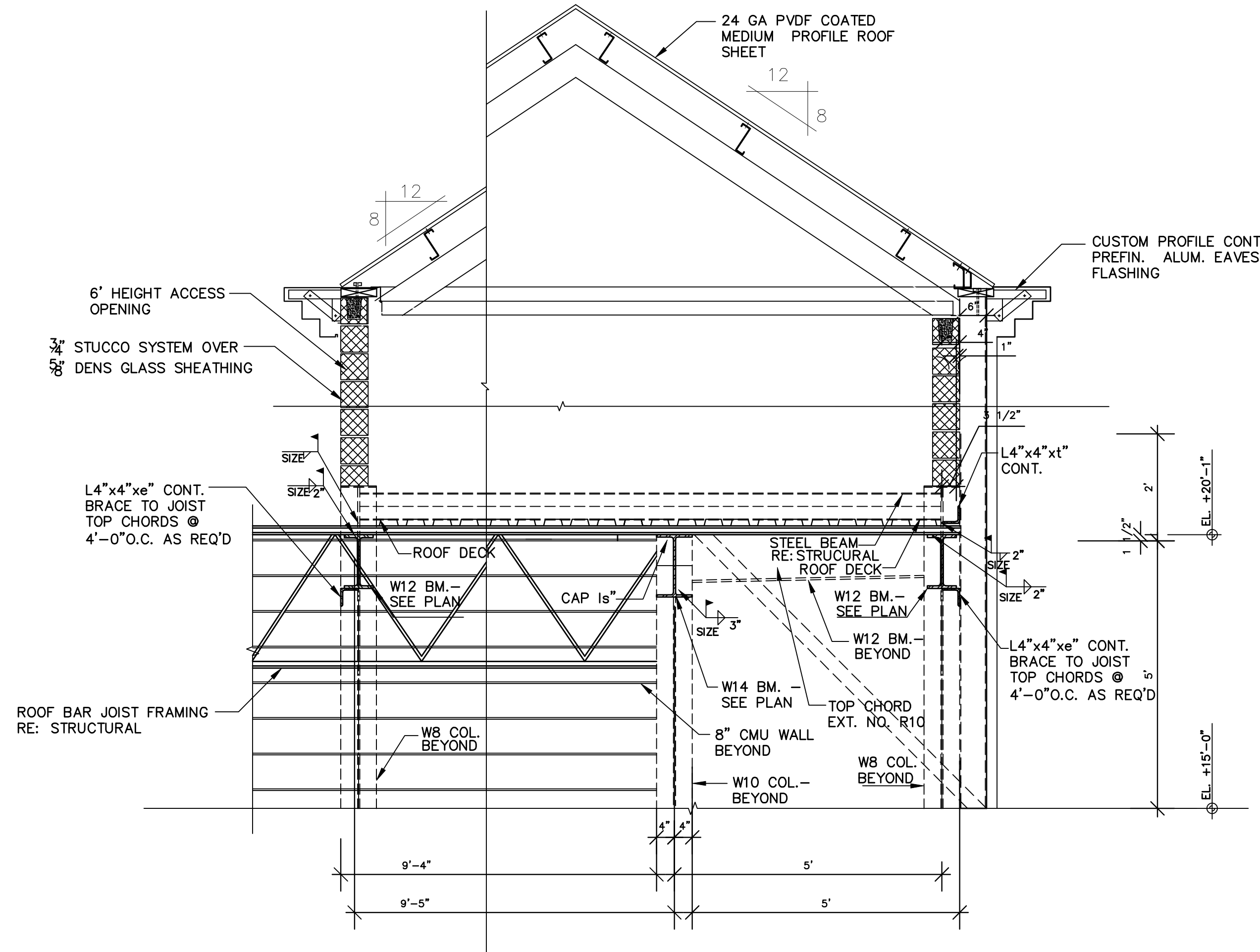
CONSTRUCTION _____

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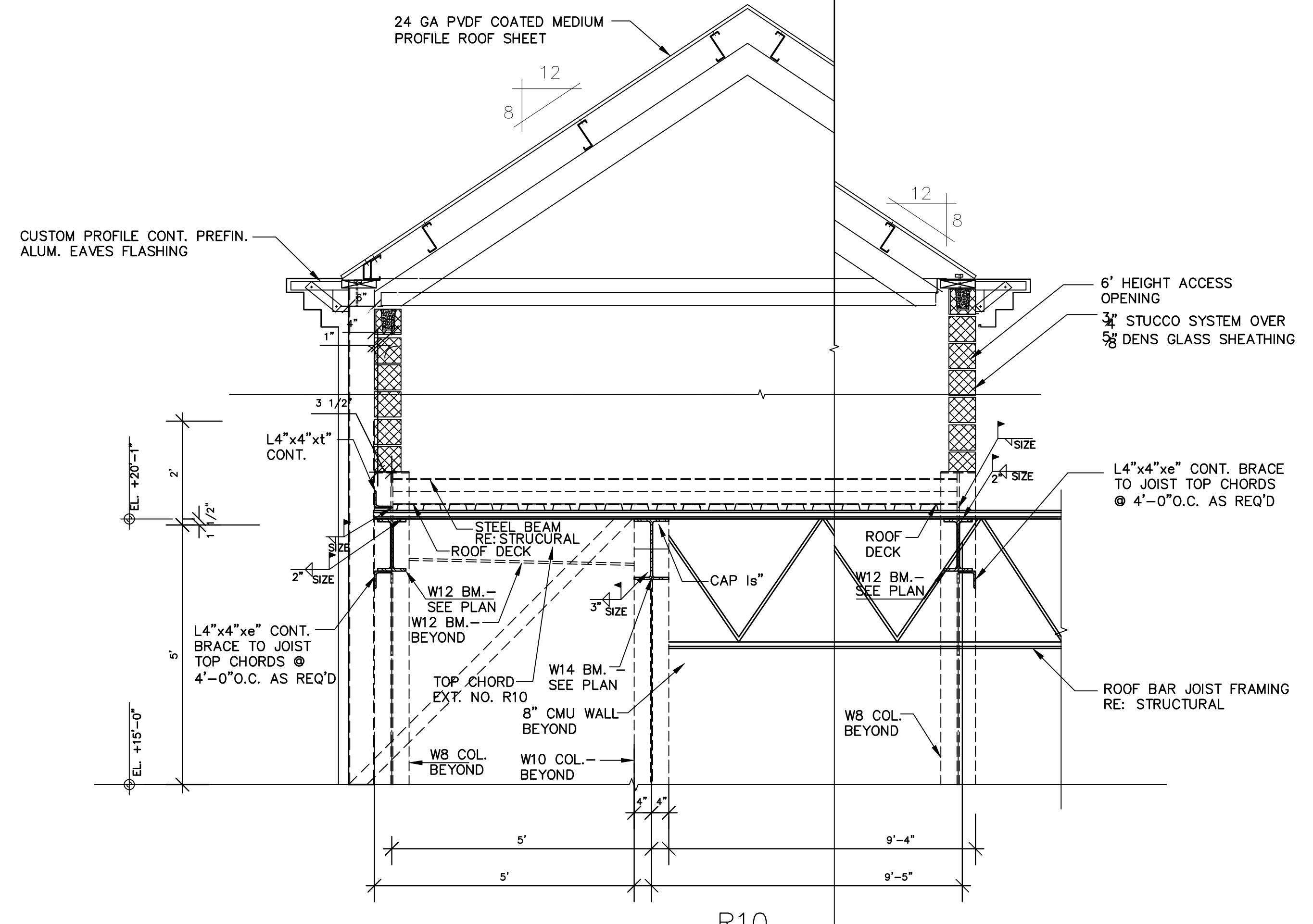
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DATE	CHECKED
SCALE AS NOTED	APPROVED

ROOF DETAILS - 2

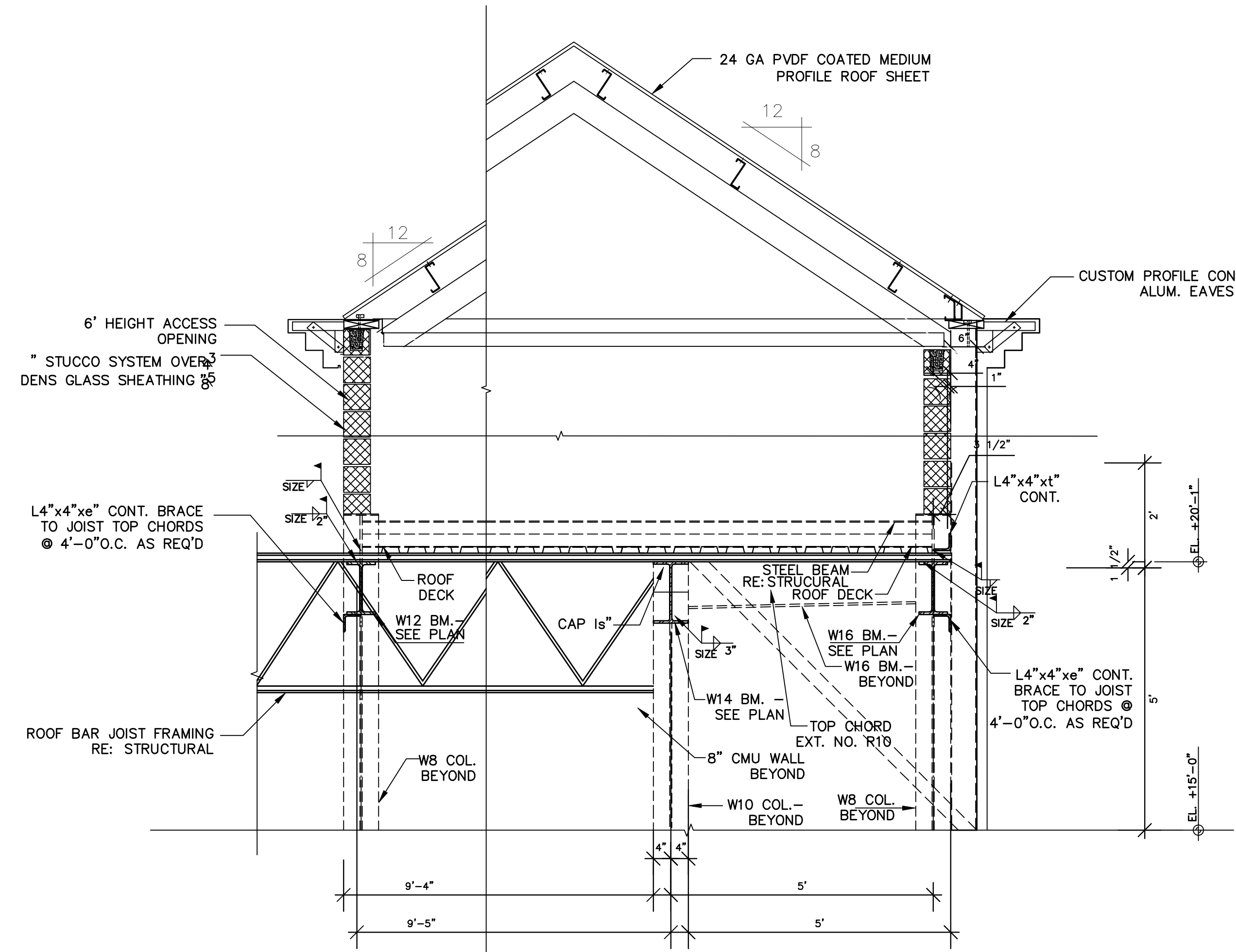
SHEET NO.
S-6
 SHT 1 OF 1



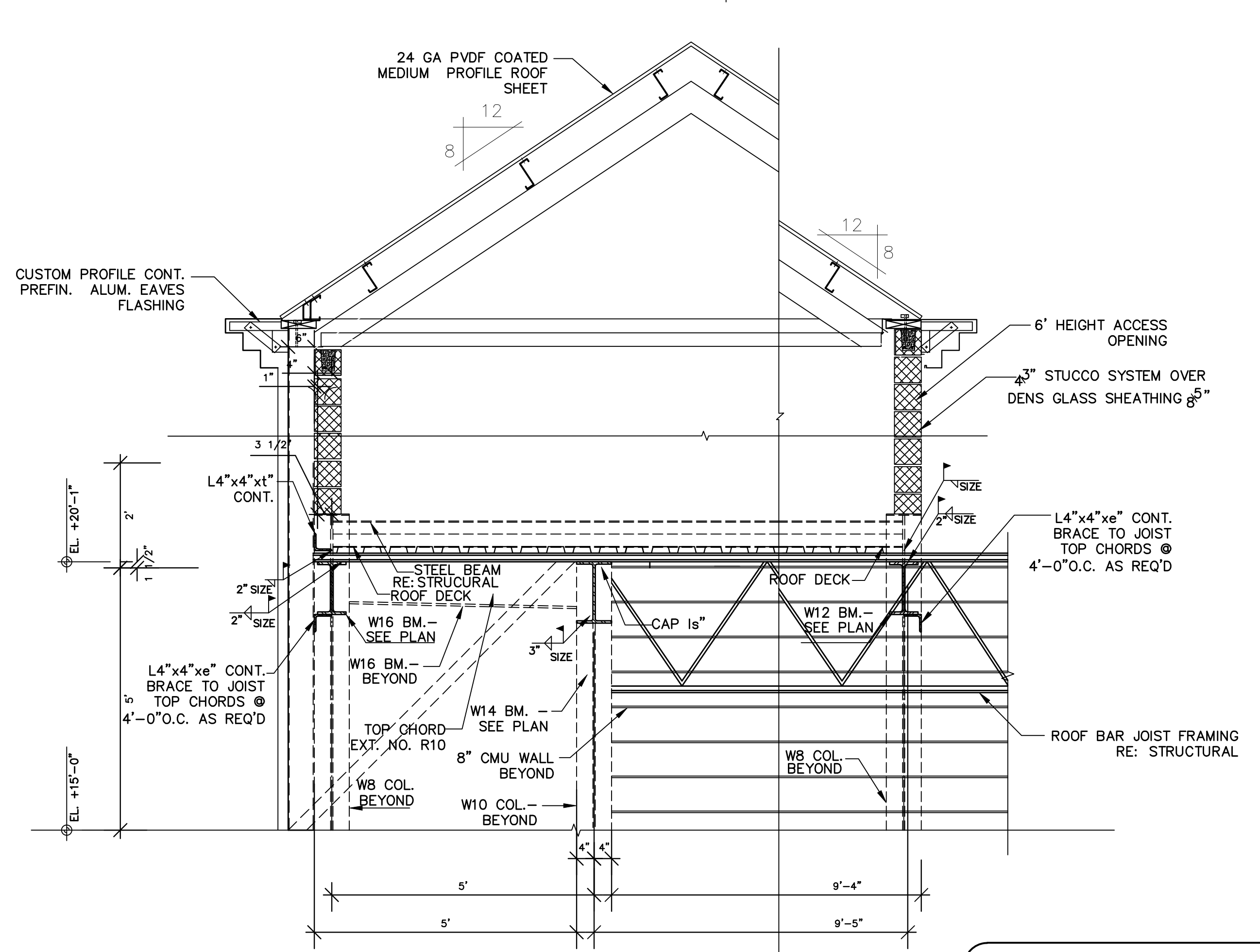
R8



R10



R16



R18

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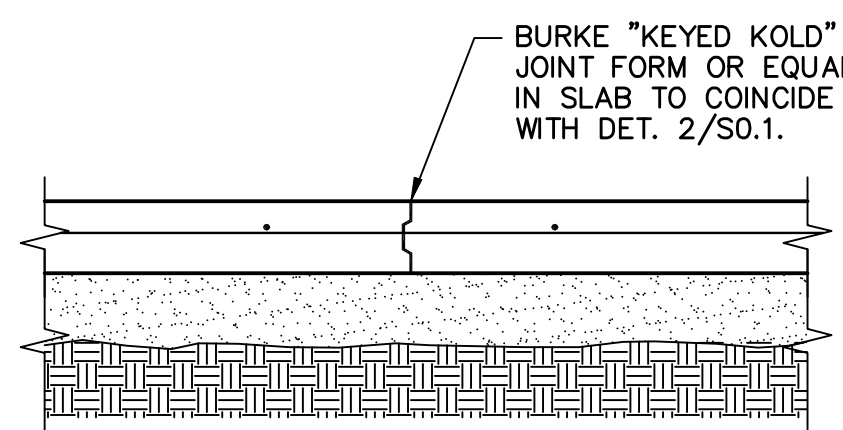
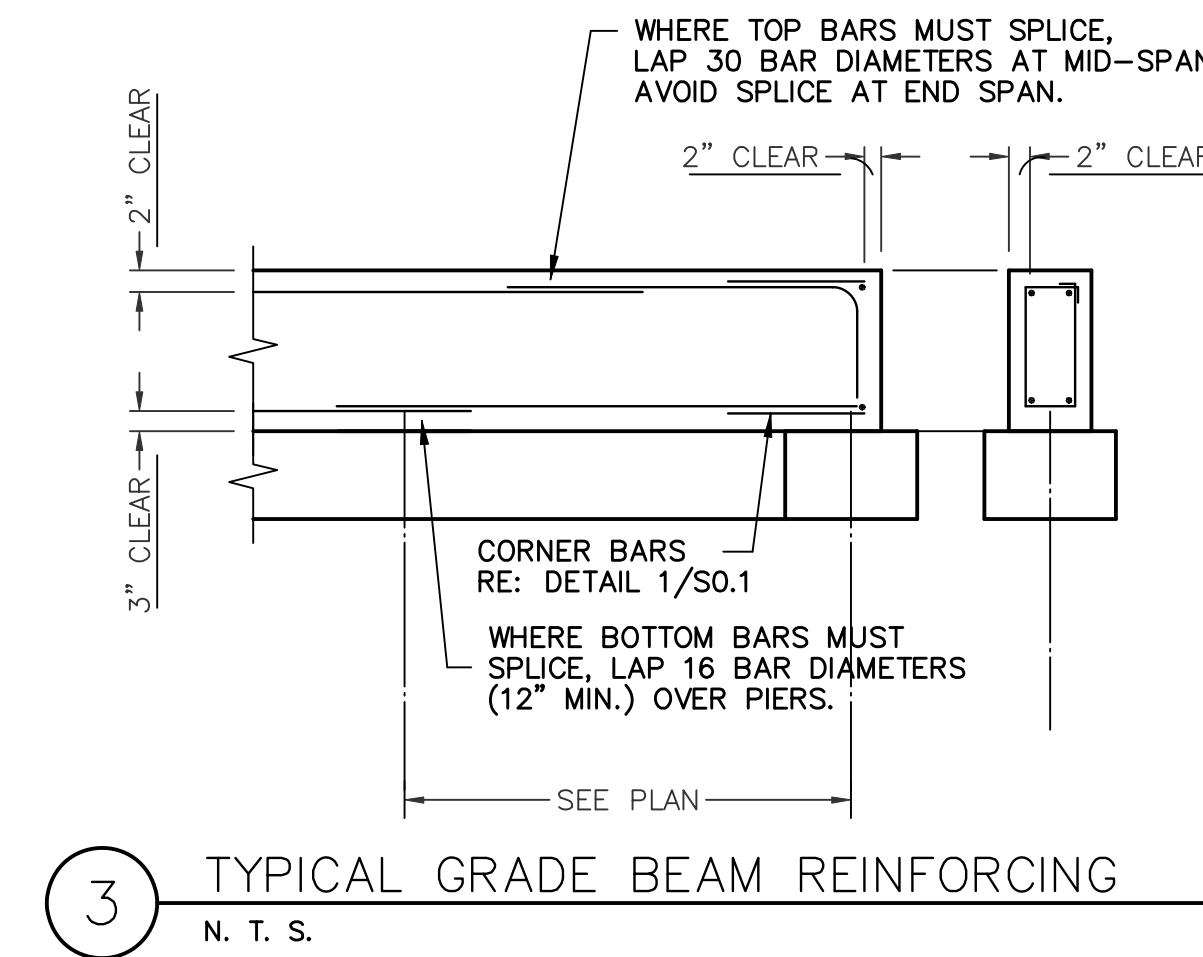
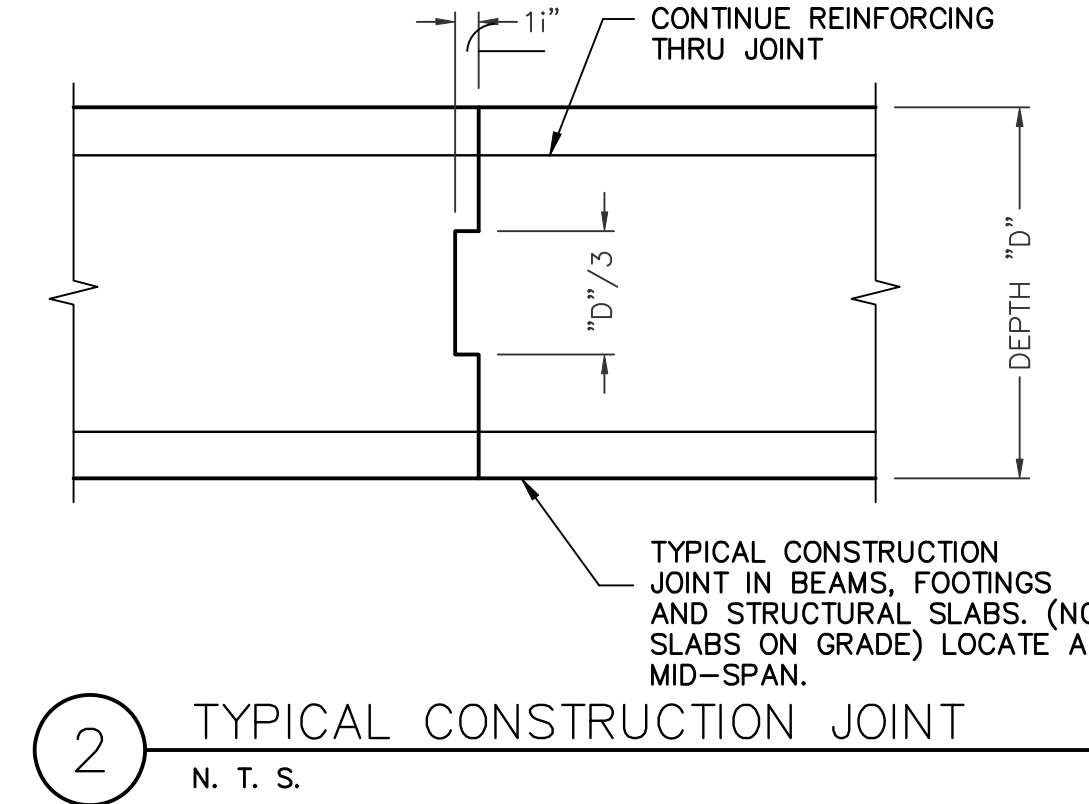
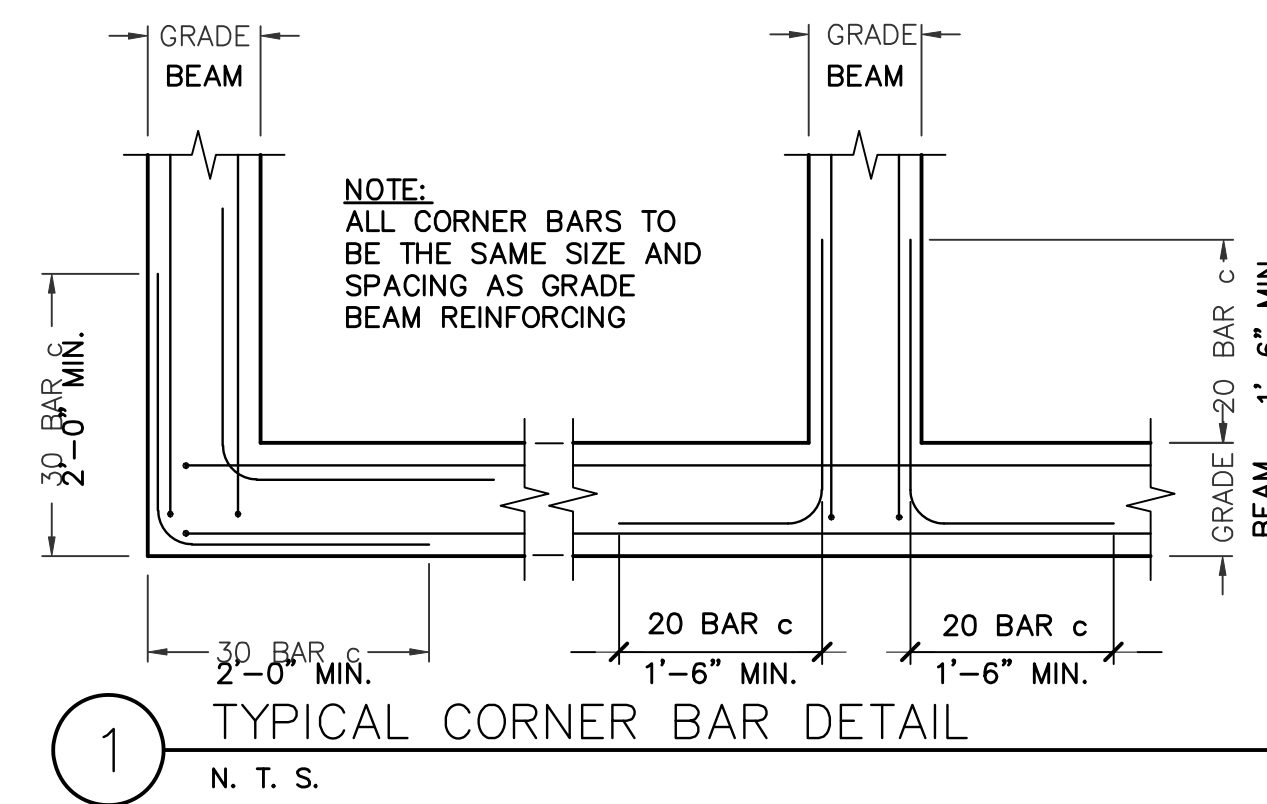
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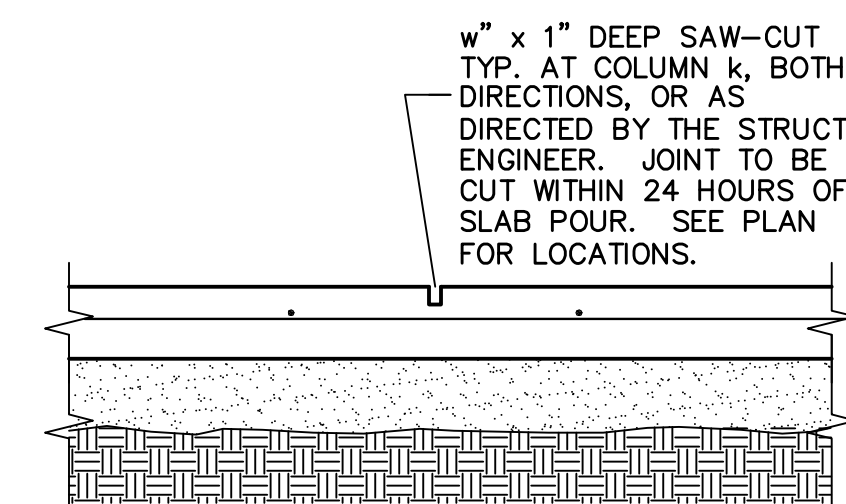
ROOF DETAILS - 3

SHEET NO.	S-7
SHT 1 OF 1	

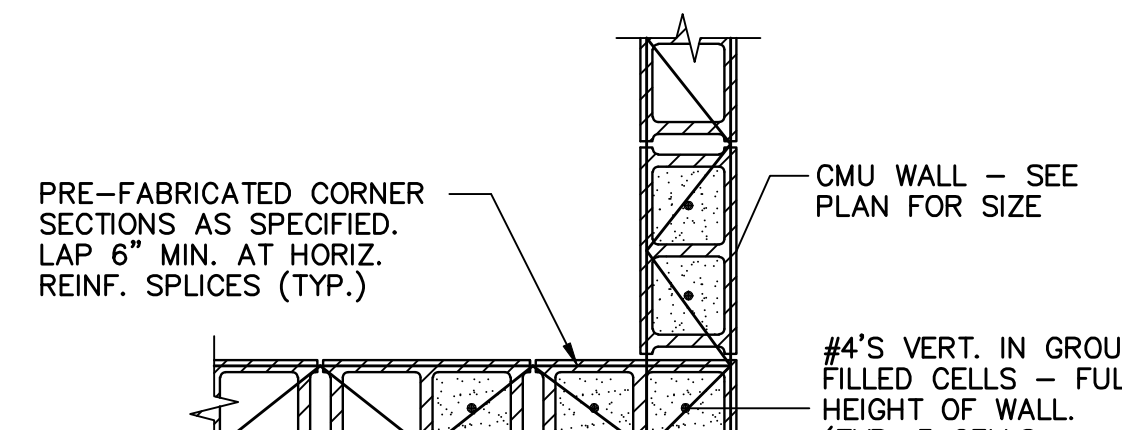
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MARK	SIZE (FT.)	THK. (IN.)	REINFG EA. WAY	LONGITUDINAL (LONG BARS)	TRANSVERSE (SHORT BARS)
FT-1	3'-0" CONT.	12"	---	4-#5'S CONT. T.&B.	#5'S @ 16" O.C.
FT-2	3'-0" CONT.	12"	---	4-#5'S CONT. T.&B.	#5'S @ 16" O.C.
FT-3	3'-0" CONT.	12"	---	4-#5'S CONT. T.&B.	#5'S @ 16" O.C.
FT-4	3'-0" CONT.	12"	---	4-#5'S CONT. T.&B.	#5'S @ 16" O.C.
FT-5	3'-0" CONT.	12"	---	4-#5'S CONT. T.&B.	#5'S @ 16" O.C.
FT-6	3'-0" CONT.	12"	---	4-#5'S CONT. T.&B.	#5'S @ 16" O.C.
FT-7	3'-0" CONT.	12"	---	4-#5'S CONT. T.&B.	#5'S @ 16" O.C.
FT-8	1'-4" CONT.	12"	---	2-#5'S CONT. T.&B.	#5'S @ 16" O.C.
FT-9	2'-0" CONT.	12"	---	3-#5'S CONT. T.&B.	#5'S @ 16" O.C.
FT-10	4'-0"x4'-0"	12"	5-#5'S	---	---
FT-11	4'-0"x4'-0"	12"	5-#5'S	---	---
FT-12	4'-0"x4'-0"	12"	5-#5'S	---	---
FT-13	5'-0"x5'-0"	12"	6-#5'S	---	---
FT-14	5'-0"x5'-0"	12"	6-#5'S	---	---
FT-15	5'-0"x5'-0"	12"	6-#5'S	---	---
FT-16	5'-0"x5'-0"	12"	6-#5'S	---	---
FT-17	5'-0"x5'-0"	12"	6-#5'S	---	---
FT-18	5'-0"x5'-0"	12"	6-#5'S	---	---
FT-19	5'-0"x5'-0"	12"	6-#5'S	---	---
FT-20	5'-0"x5'-0"	12"	6-#5'S	---	---
FT-21	5'-0"x5'-0"	12"	6-#5'S	---	---
FT-22	4'-0"x4'-0"	12"	5-#5'S	---	---
FT-23	4'-0"x4'-0"	12"	5-#5'S	---	---
FT-24	4'-0"x4'-0"	12"	5-#5'S	---	---
FT-25	4'-0"x4'-0"	12"	5-#5'S	---	---
FT-26	4'-0"x4'-0"	12"	5-#5'S	---	---



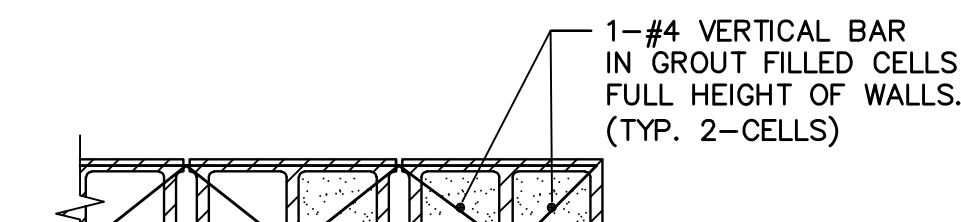
4A
N. T. S.



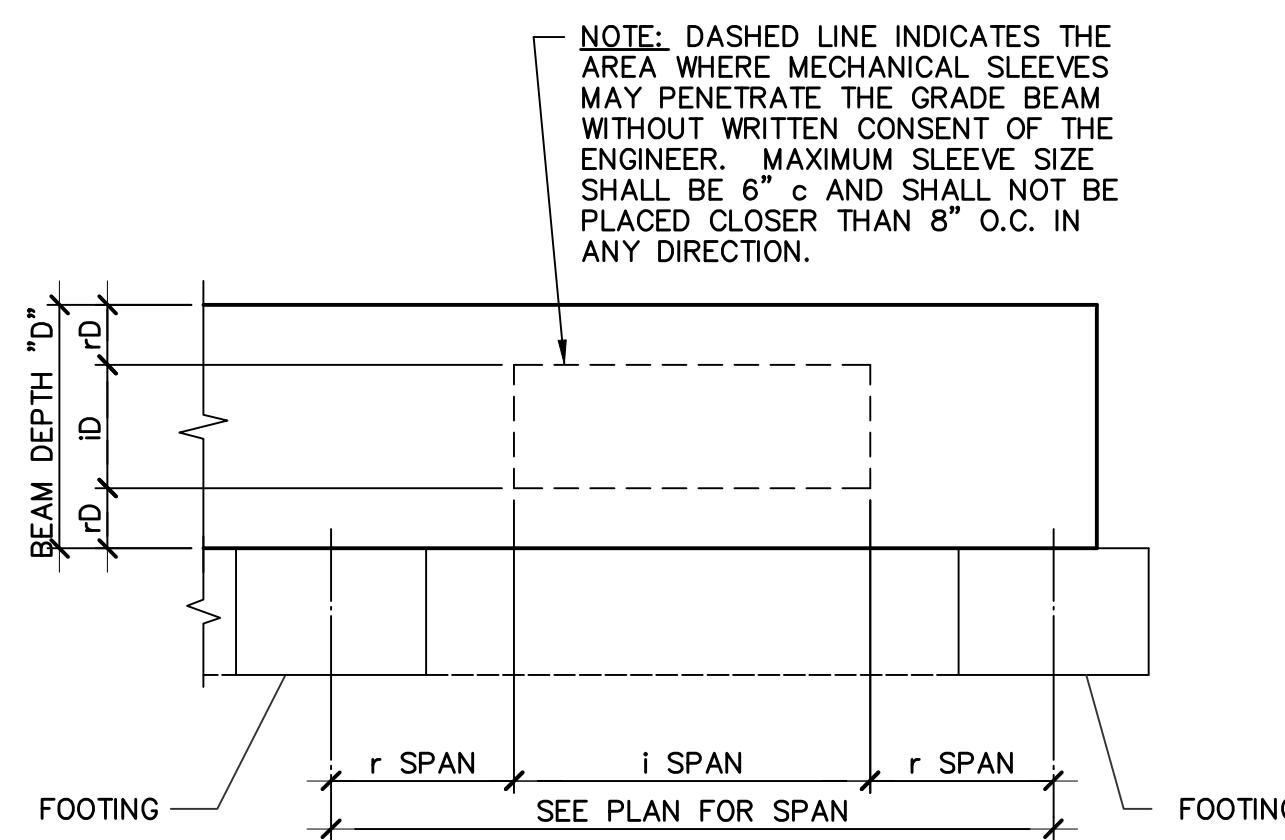
4B
N. T. S.



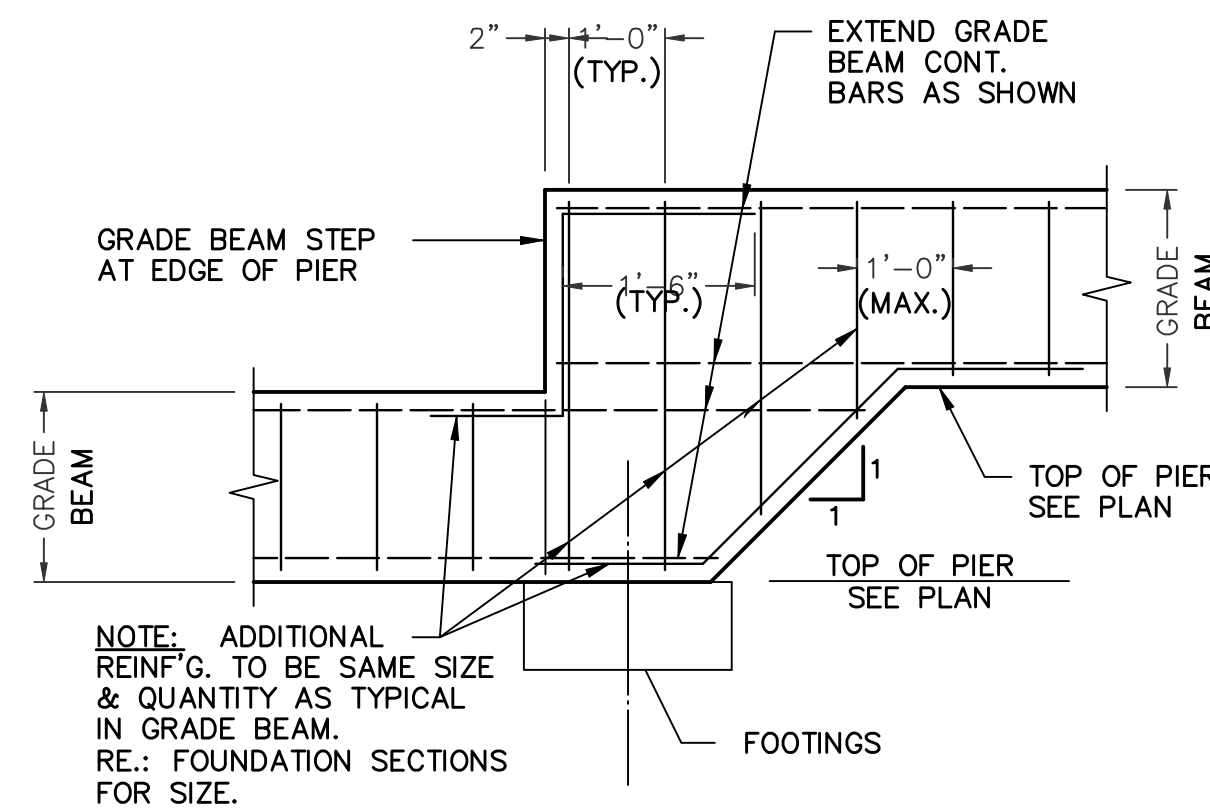
5A
N. T. S.



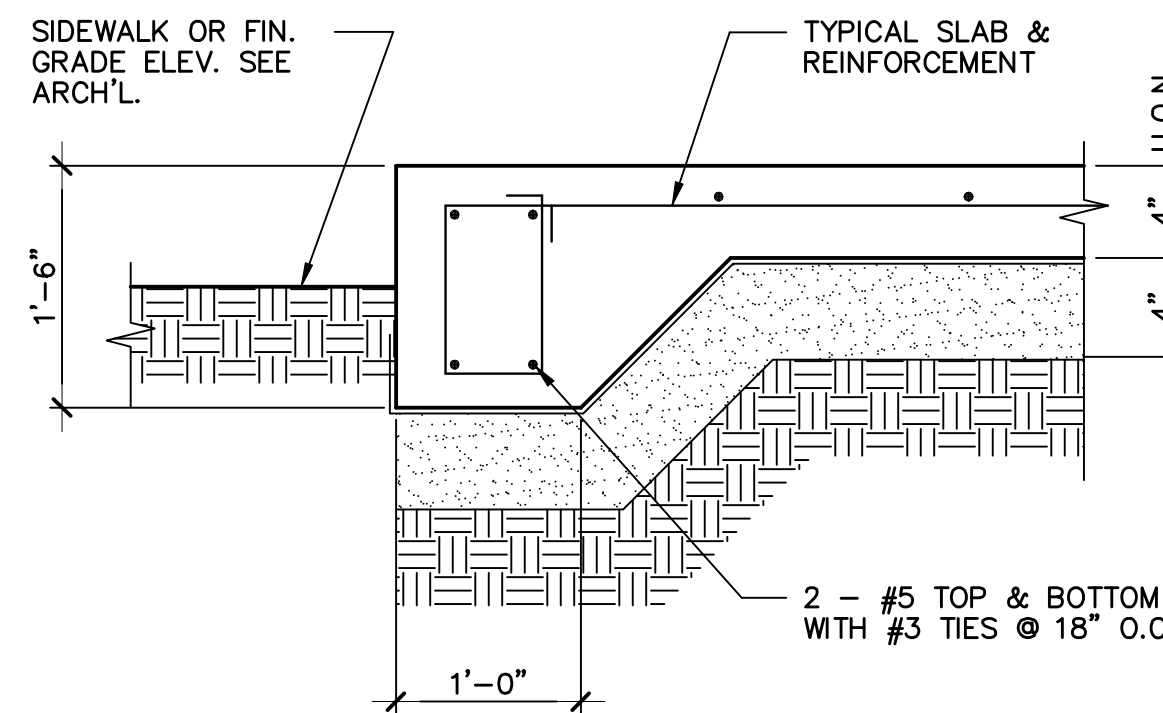
5B
N. T. S. (TYP. @ EA. SIDE OF ELEVATOR DOOR OPN'G.)



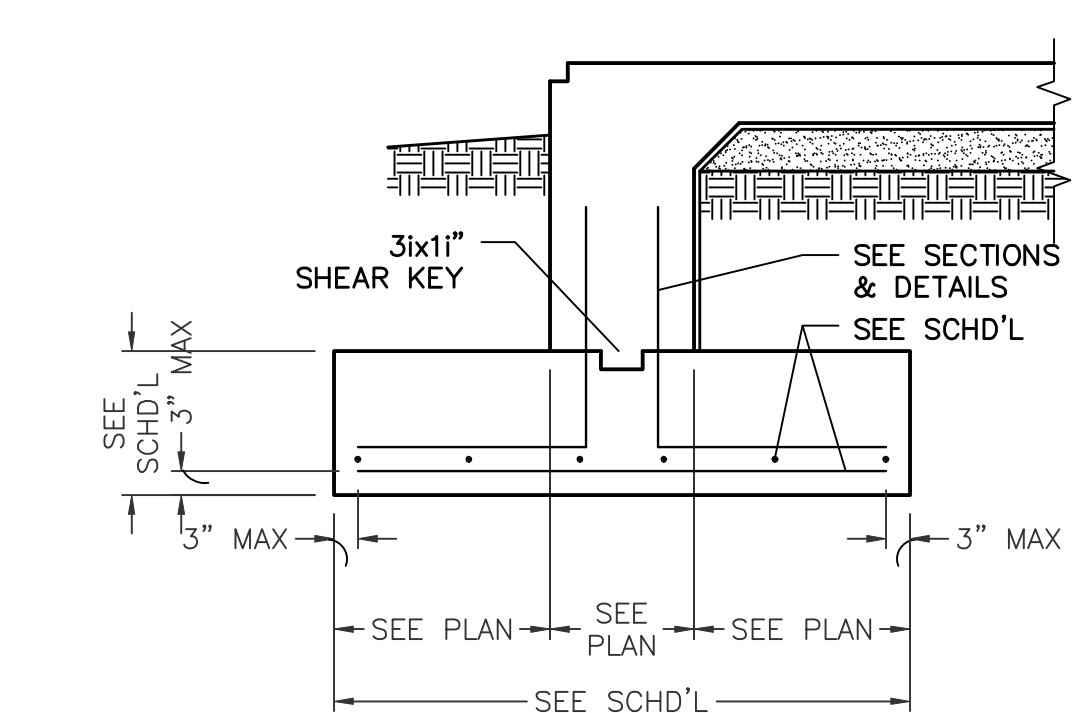
6
N. T. S.



7
N. T. S.



8
N. T. S.



9
N. T. S.


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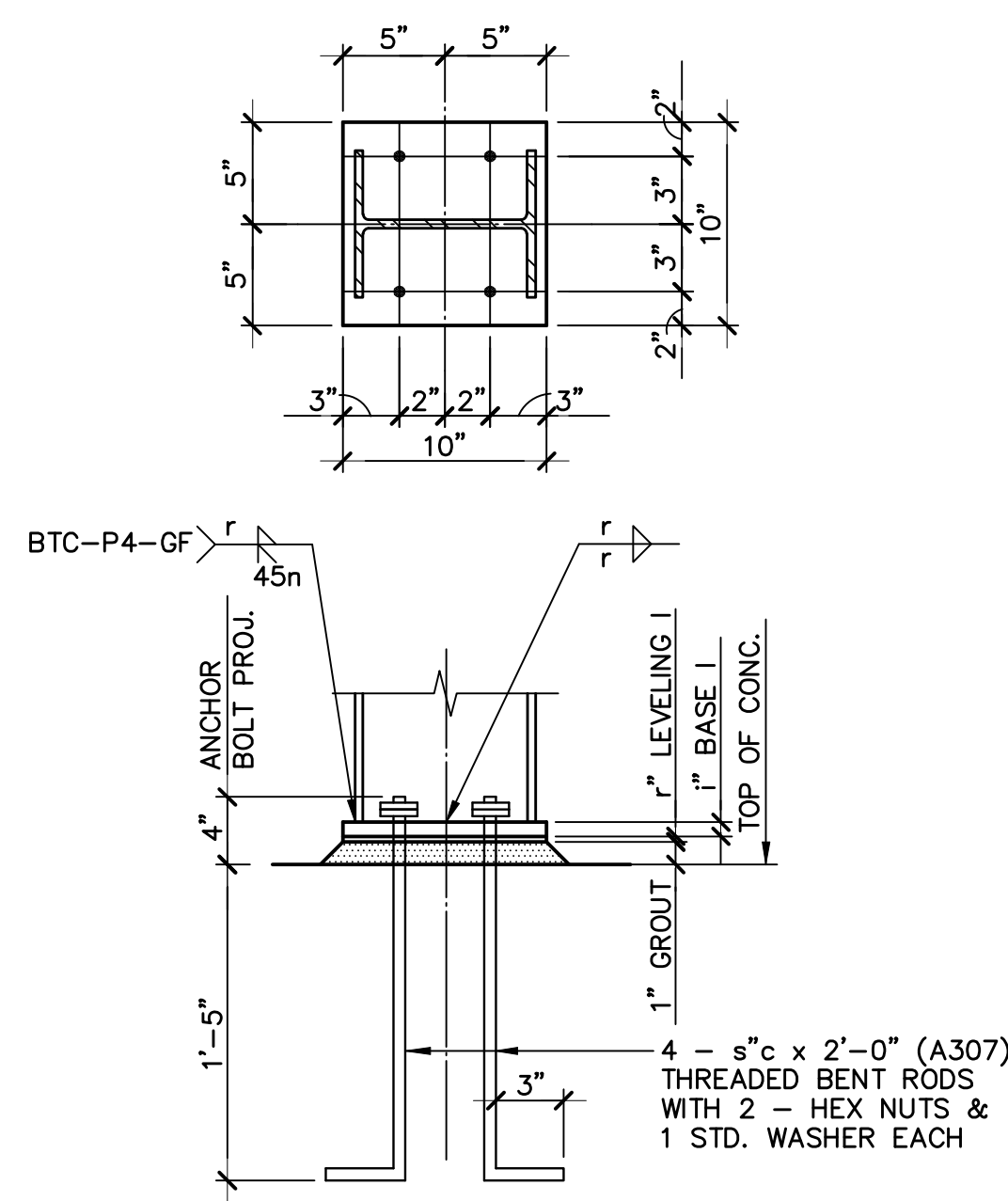
GENERAL DETAILS

SHEET NO.

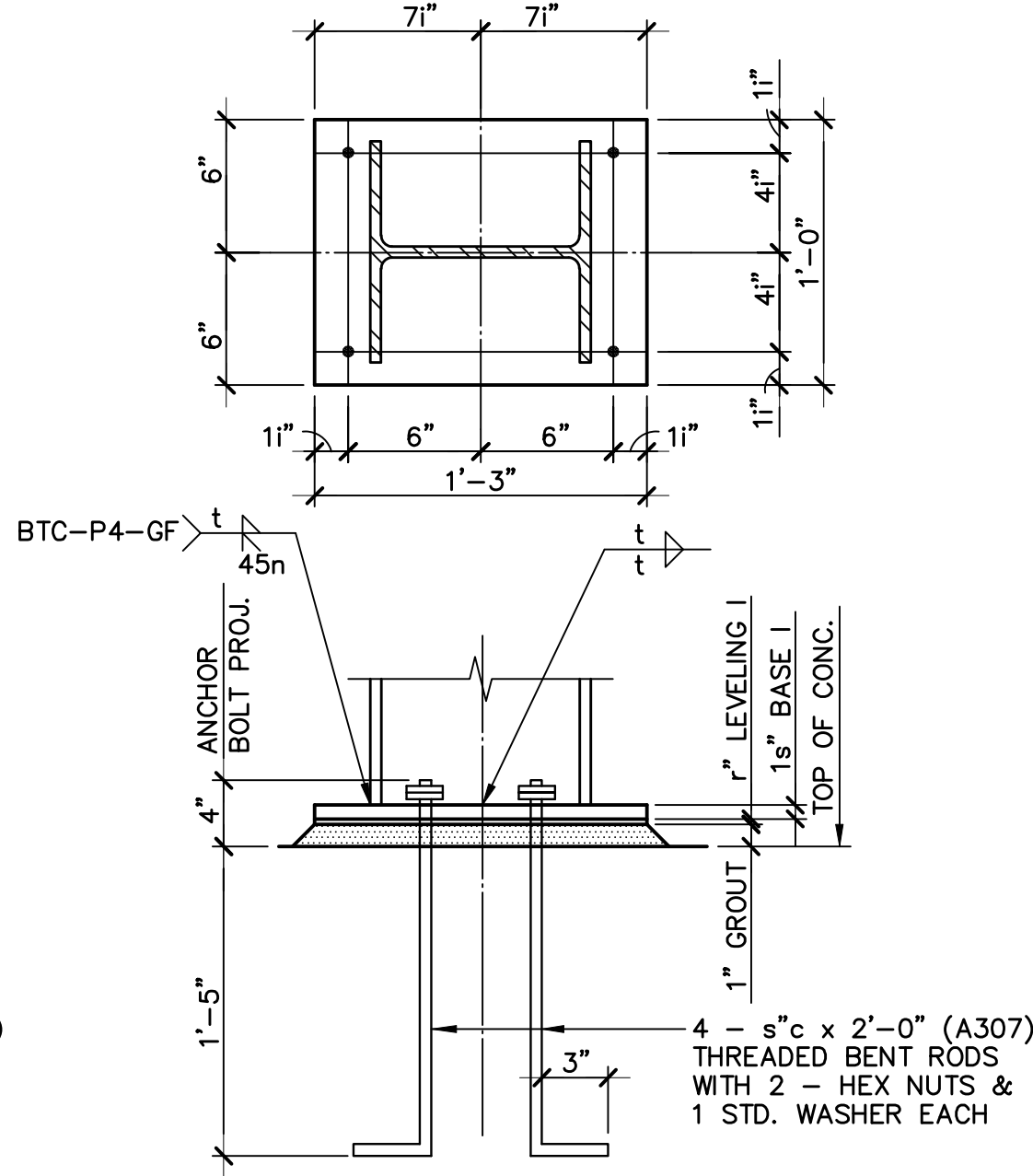
S-8

SHT 1 OF 1

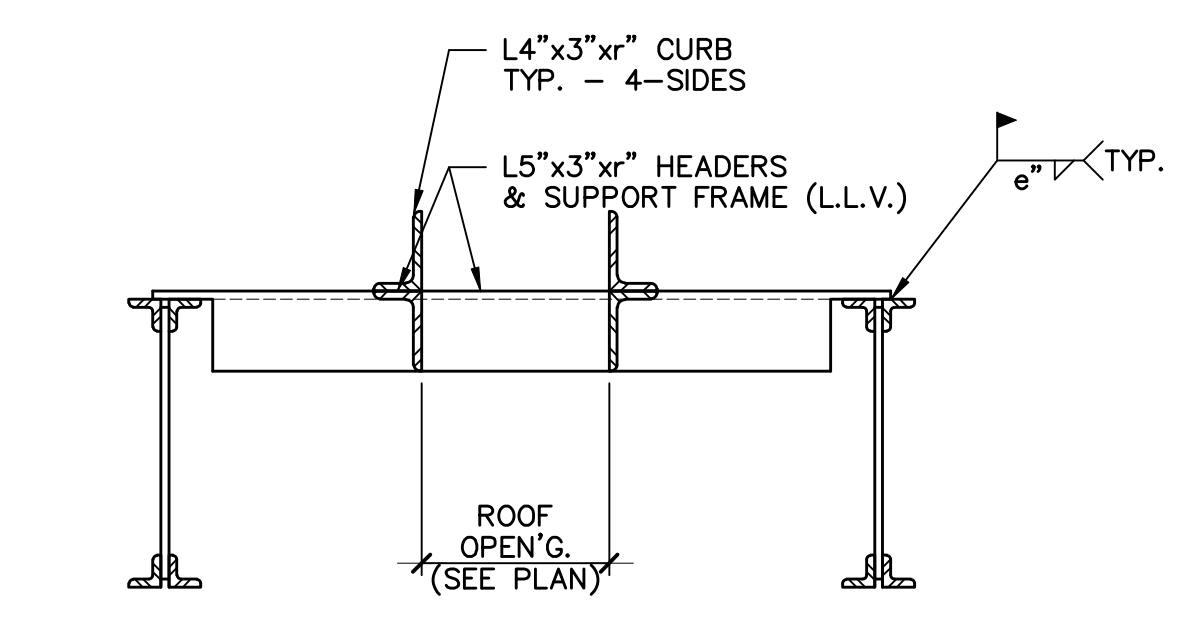
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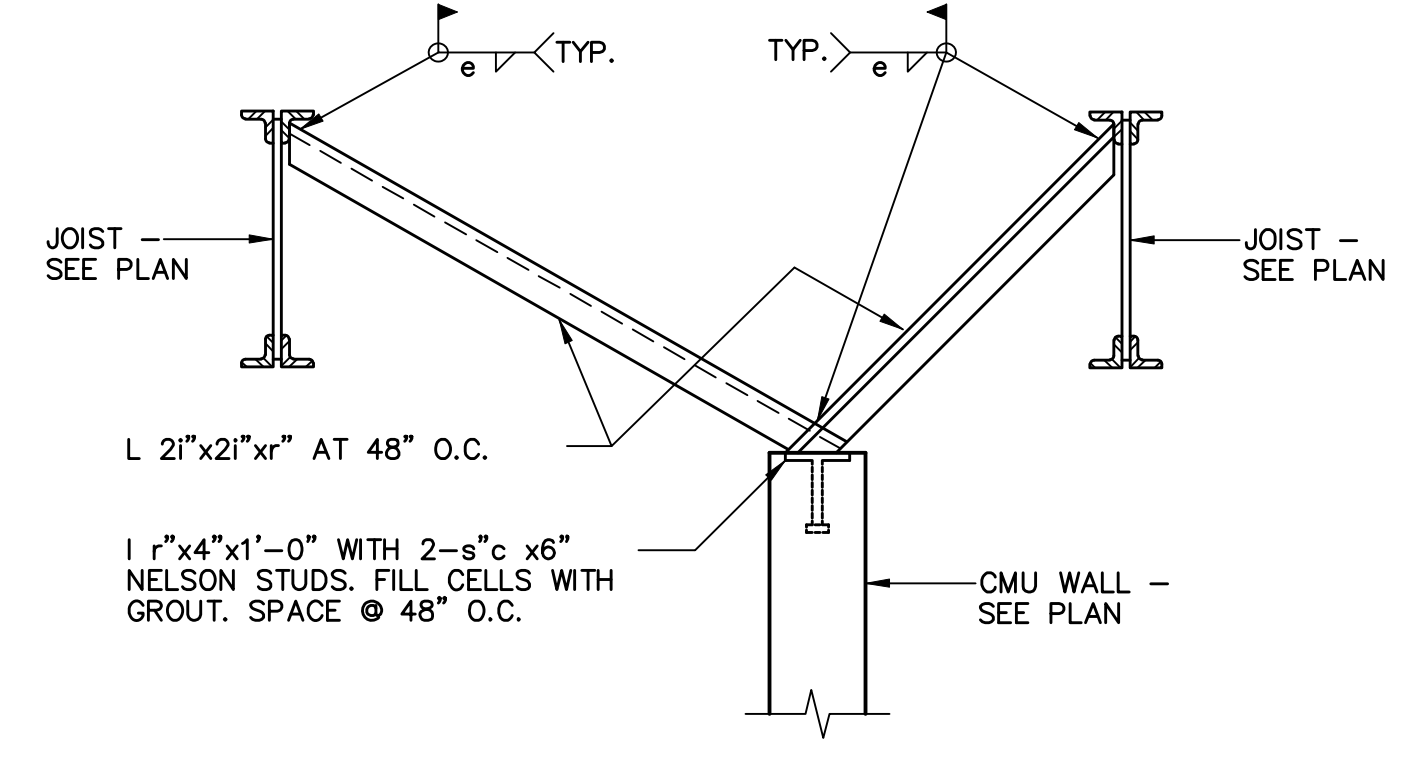
1 BASE PLATE DETAIL AT W8 COLUMNS
N. T. S.



2 BASE PLATE DETAIL AT W10 COLUMNS
N. T. S.

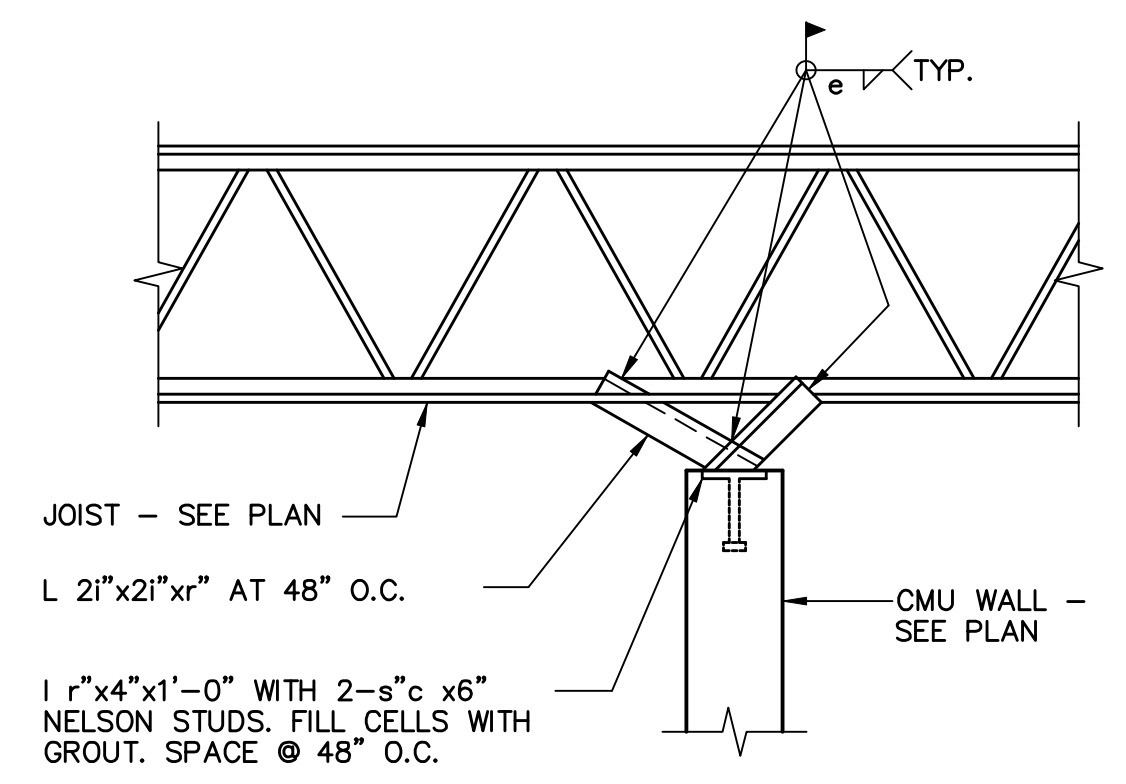


3 TYPICAL ROOF OPENING DETAIL
N. T. S.

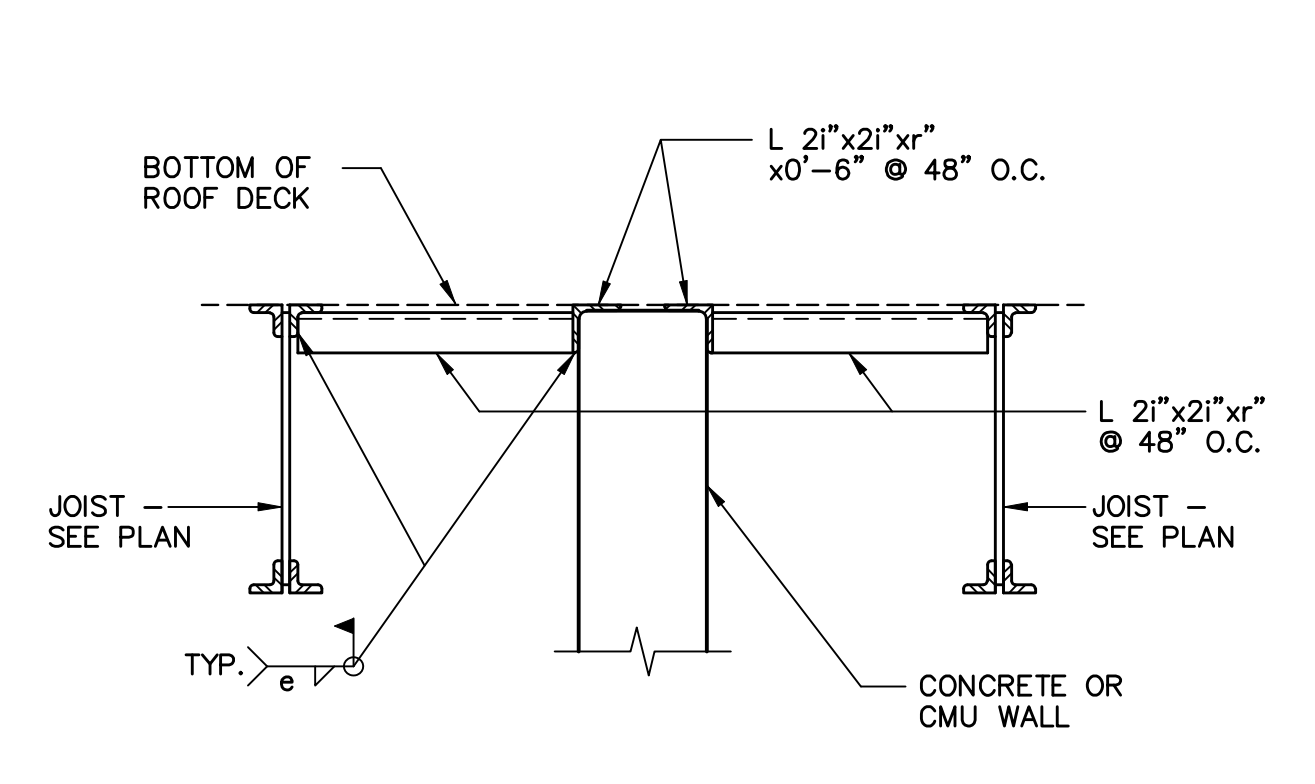


4 SHORT WALL - PARALLEL TO JOIST
N. T. S.

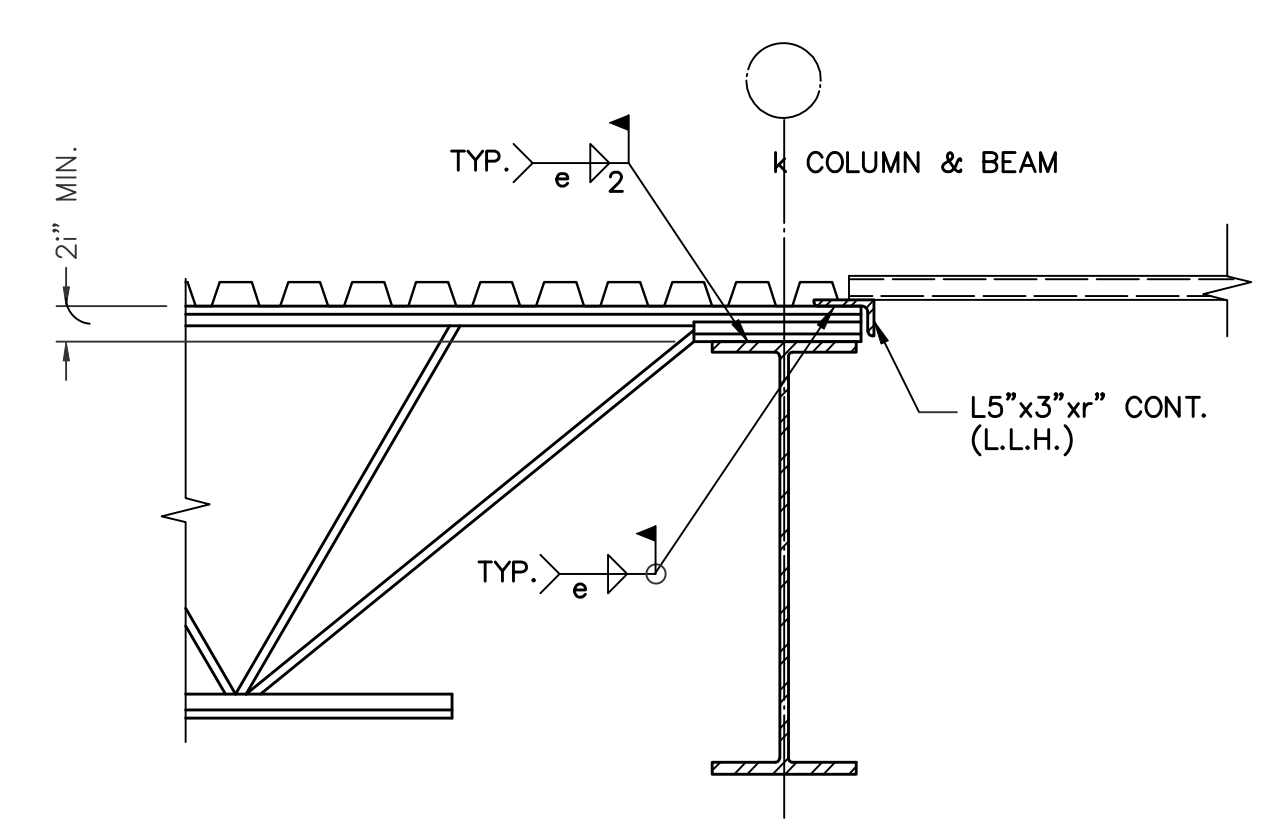
1. USE THIS DETAIL FOR ANY AND ALL ROOF OPENINGS LARGER THAN 10".
2. REFER TO M-E-P DRAWINGS FOR ALL ROOF OPENINGS, SIZES AND LOCATIONS.
3. COORDINATE ALL ROOF OPENINGS SHOWN ON M-E-P WITH STRUCTURAL FRAMING PLANS.
4. AN OPENING NOT SHOWN ON THE STRUCTURAL FRAMING PLAN IS NOT TO BE CONSTRUED AS AN OMISSION OR EXCLUSION FROM THIS PROJECT.



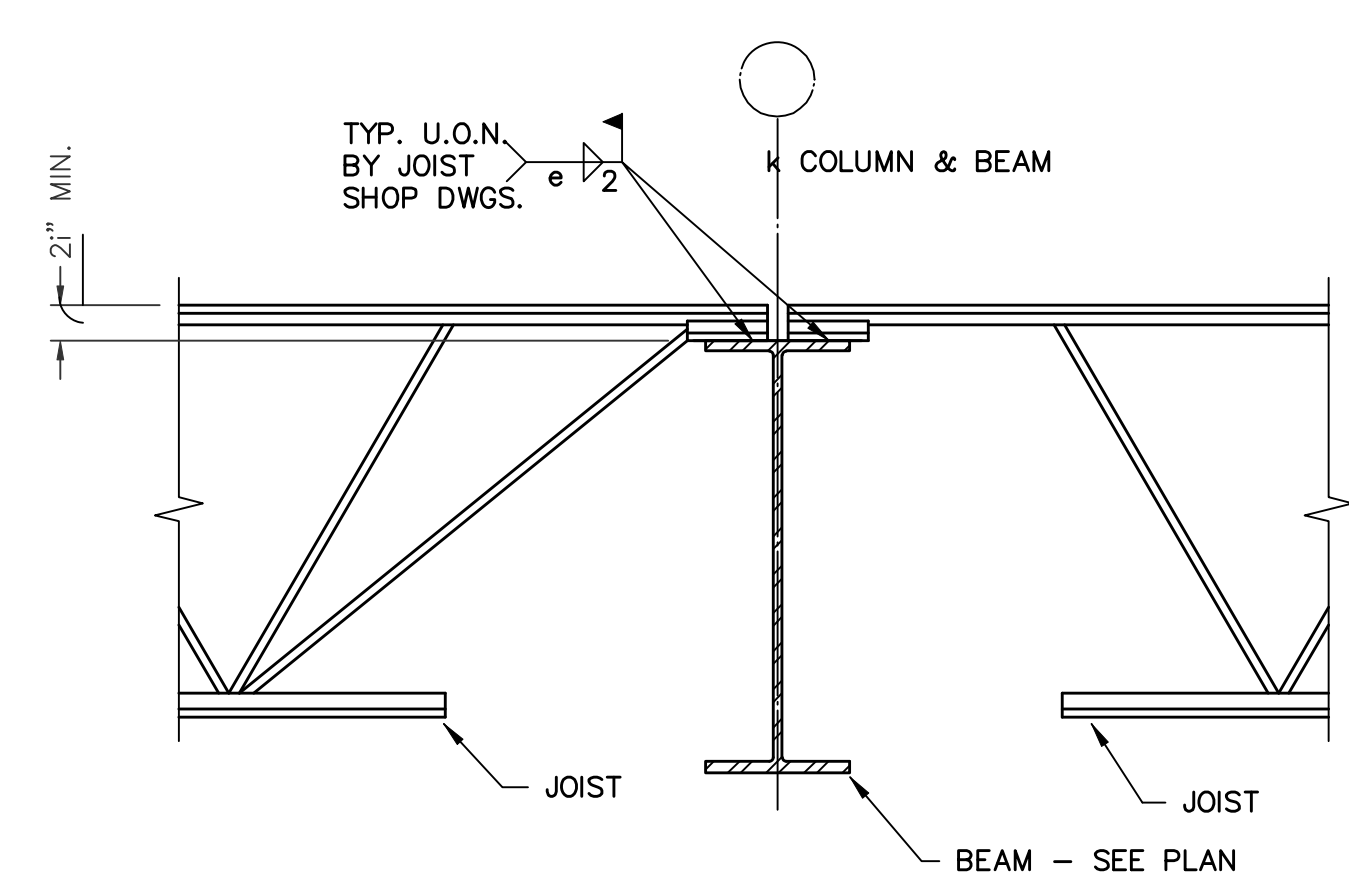
5 SHORT WALL - PERPENDICULAR TO JOIST
N. T. S.



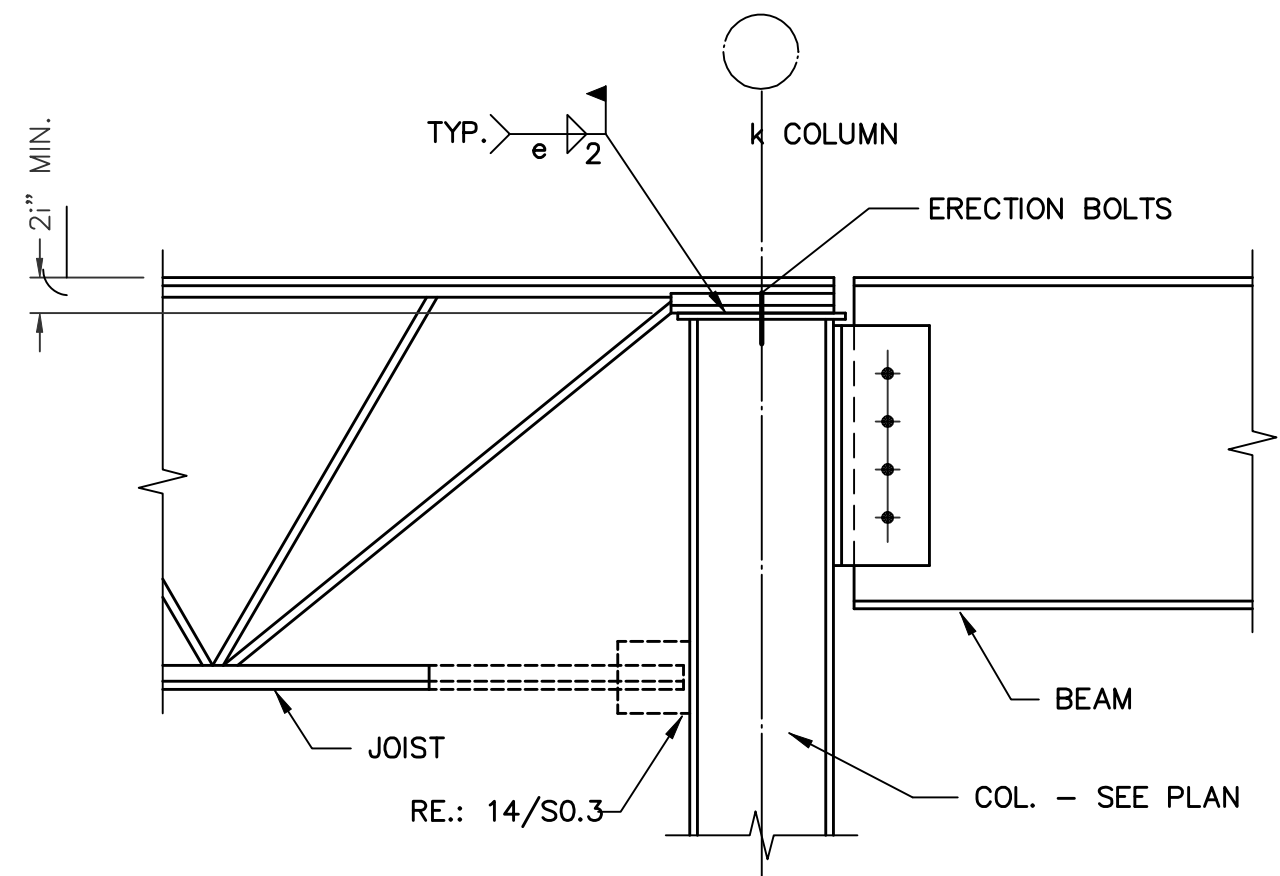
6 HIGH WALL TO BOTTOM OF ROOF DECK
N. T. S.



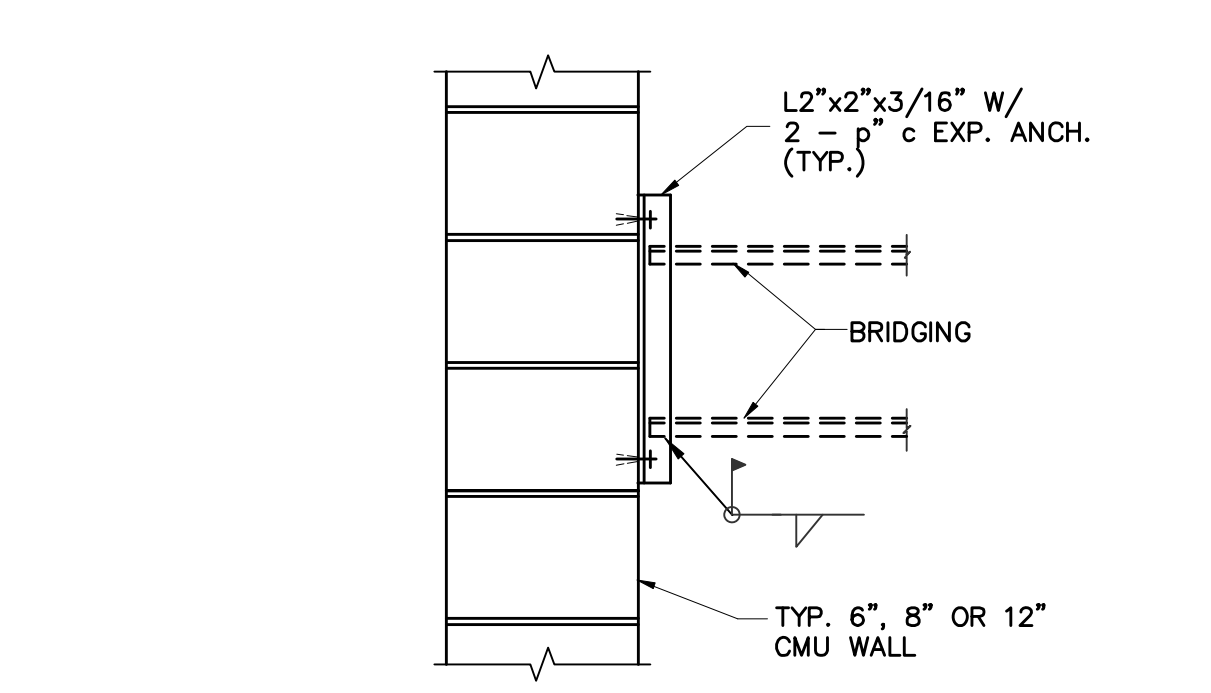
7 TYPICAL DECK DIRECTION CHANGE DETAIL
N. T. S.



8 TYPICAL JOIST TO BEAM DETAIL
N. T. S.



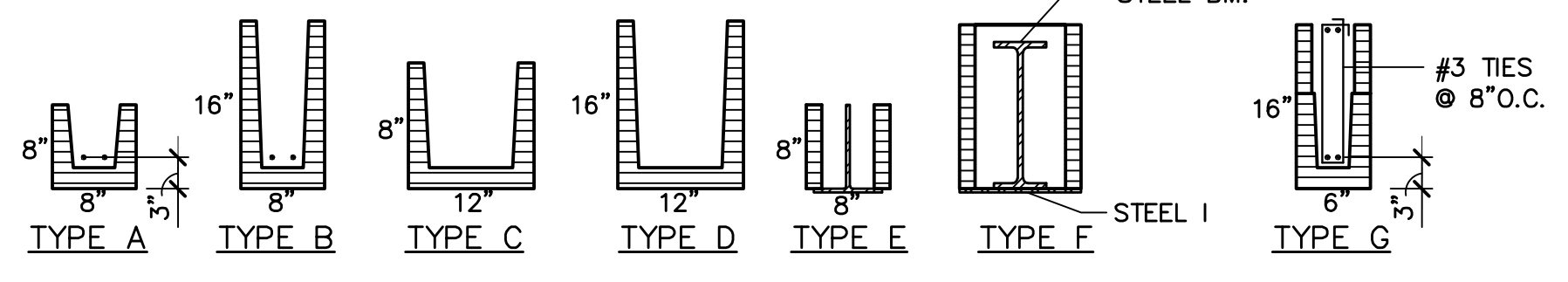
9 TYPICAL JOIST TO COLUMN DETAIL
N. T. S.



10 TYPICAL BRIDGING CONN. TO CMU WALL
N. T. S.

LINTEL SCHEDULE					
MARK	TYPE	OPEN'G. WIDTH	REINF'G.	STEEL ANGLE SIZE	DETAIL
L1	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/110
L2	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/109
L3	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/108
L4	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/107
L5	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/106
L6	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/105
L7	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/105
L8	G	14'-8"(b)	2-#8'S T. & B.	---	OVERHEAD DOOR D6/105
L9	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/105
L10	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/104
L11	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/103
L12	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/102
L13	B	3'-4"(b)	2-#5'S	---	DOOR OPENING D3/101

NOTE: REFER TO ARCH'L. FOR OPENING WIDTH



11 MASONRY OPENING LINTELS
N. T. S.

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MARK	DATE	REVISION

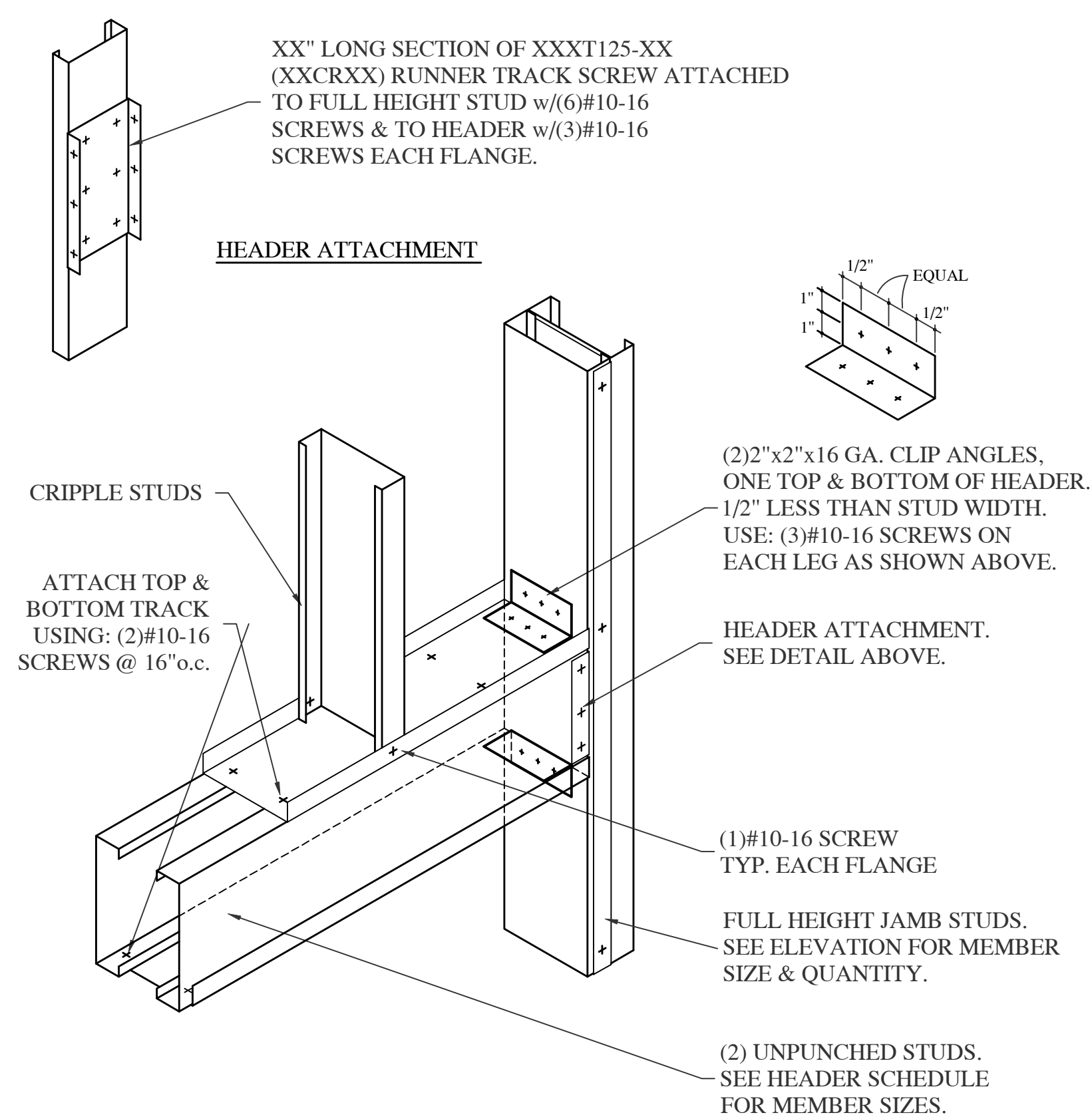
JOIST DETAILS

COMM. NO. DRAWN
DATE CHECKED
SCALE AS NOTED APPROVED

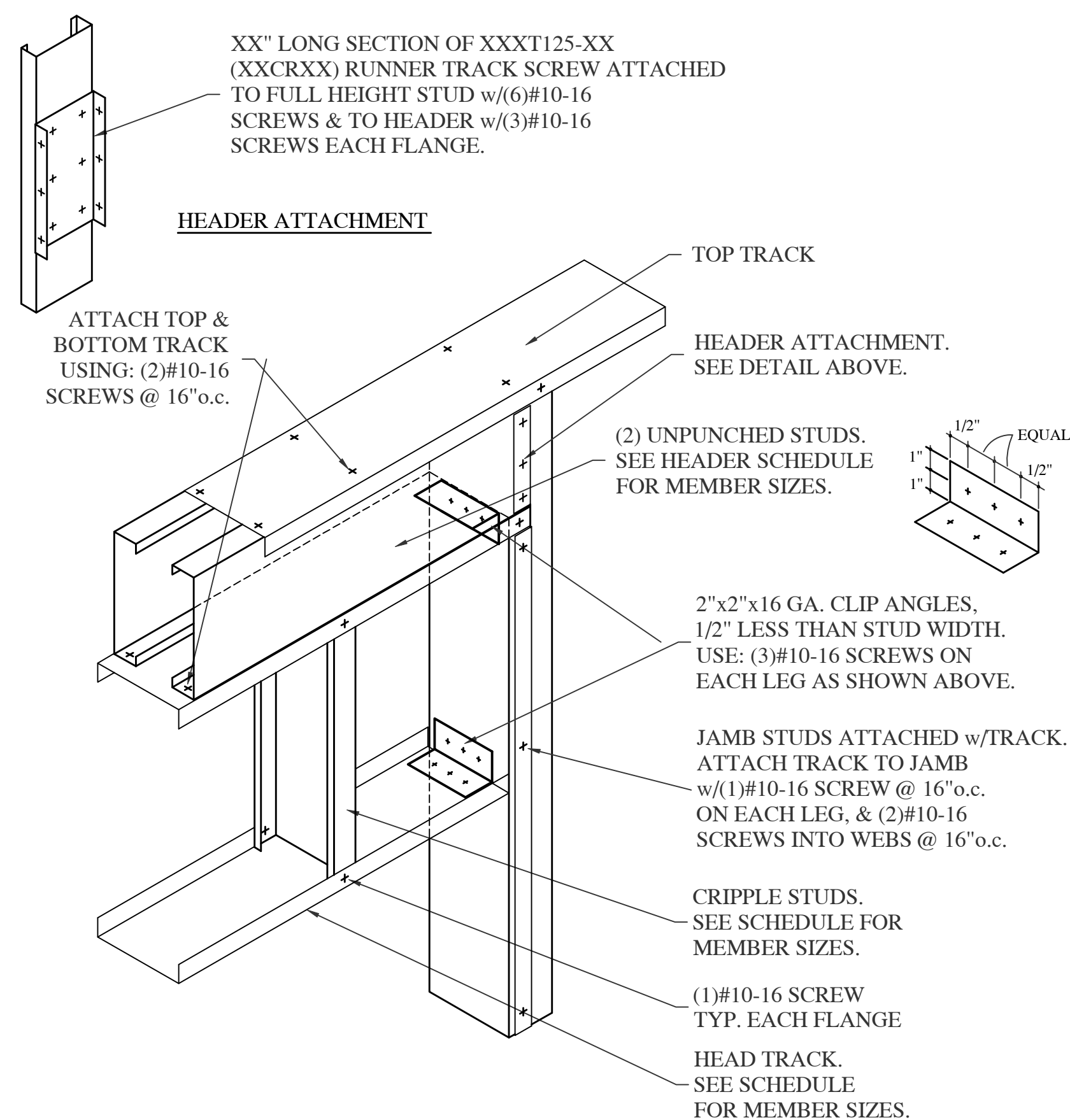
JOIST DETAILS

SHEET NO.
S-9
SHT 1 OF 1

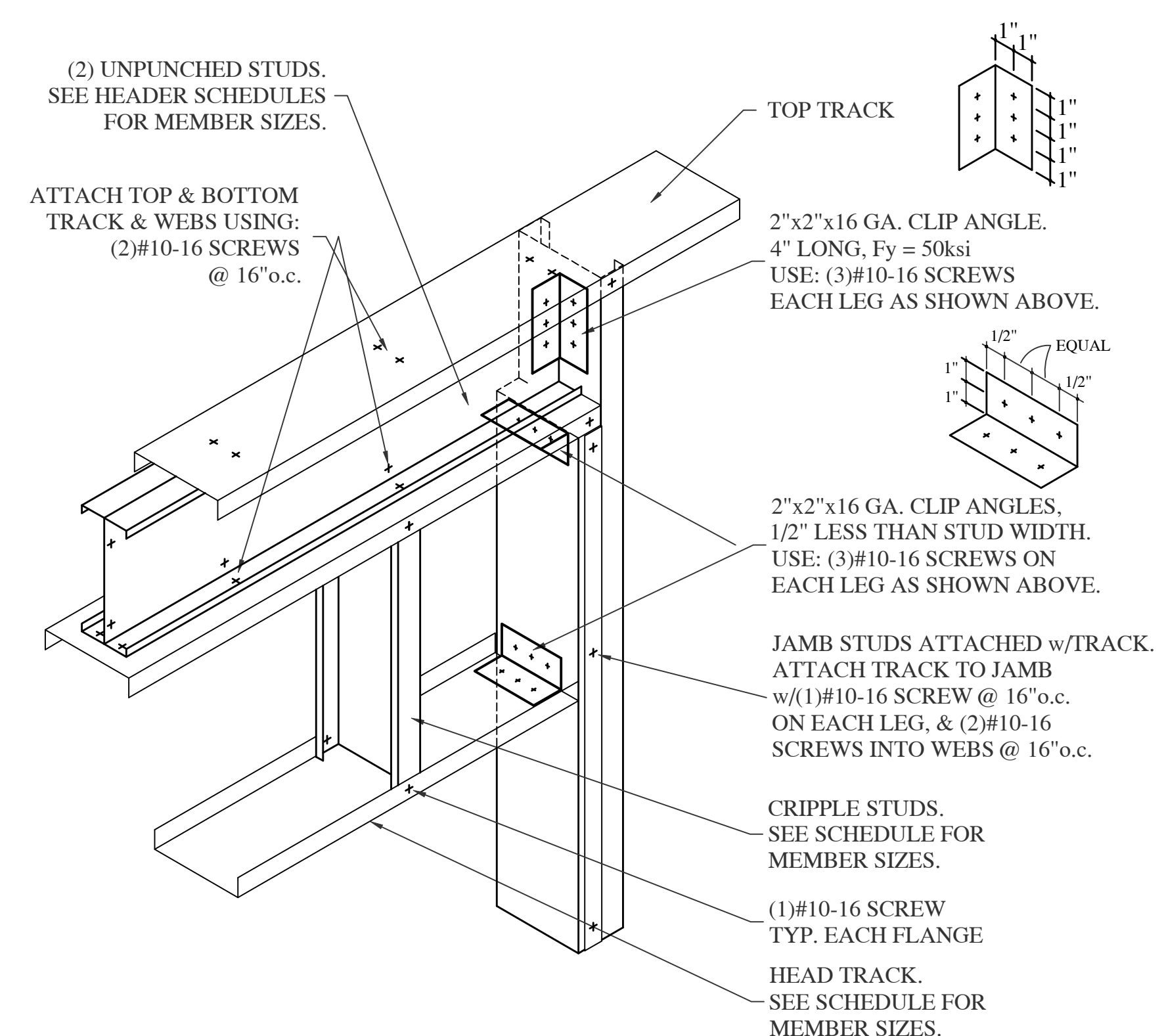
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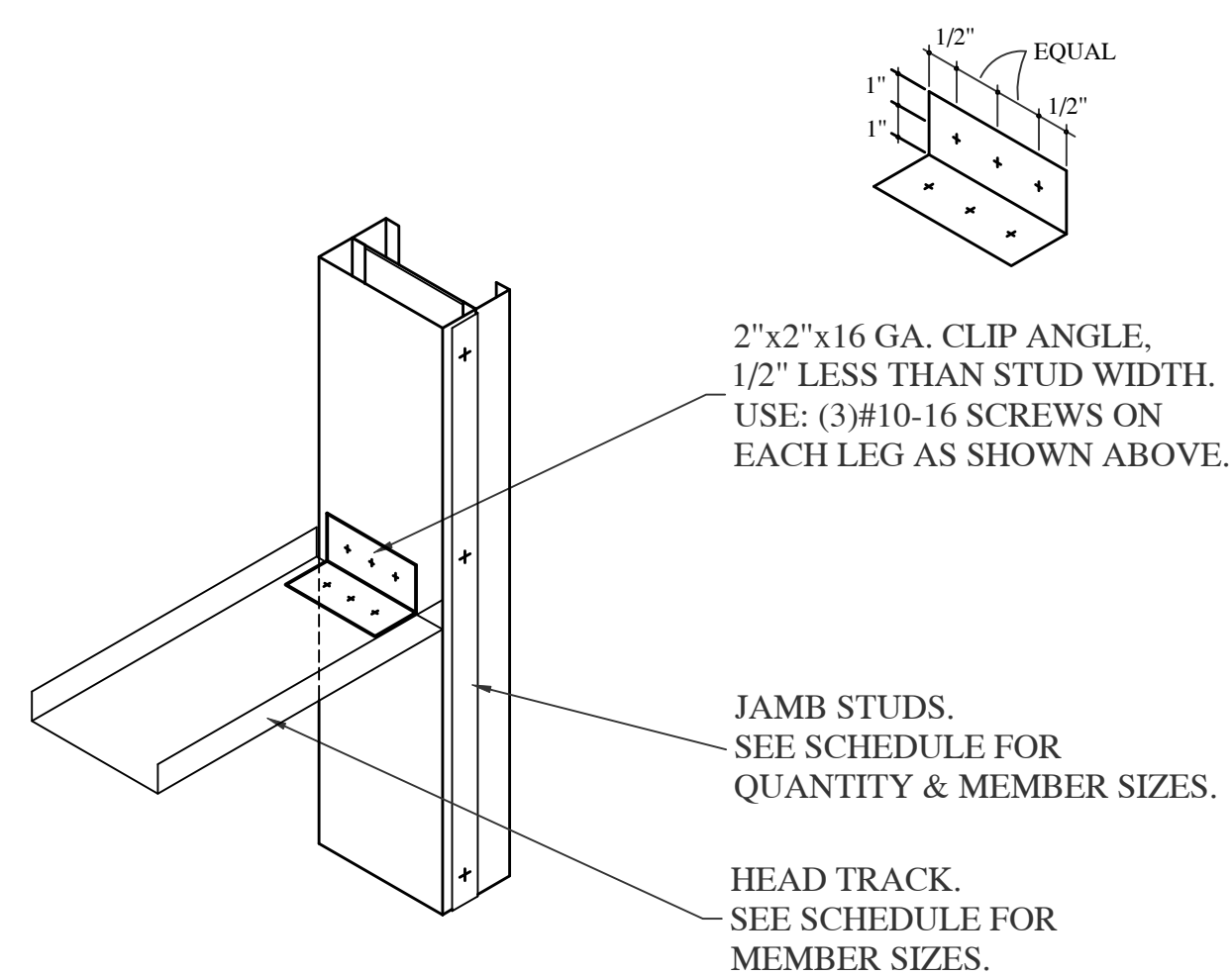
1 BOXED HEADER CONNECTION
CURTAIN WALL HEADER - TWO MEMBER BOXED



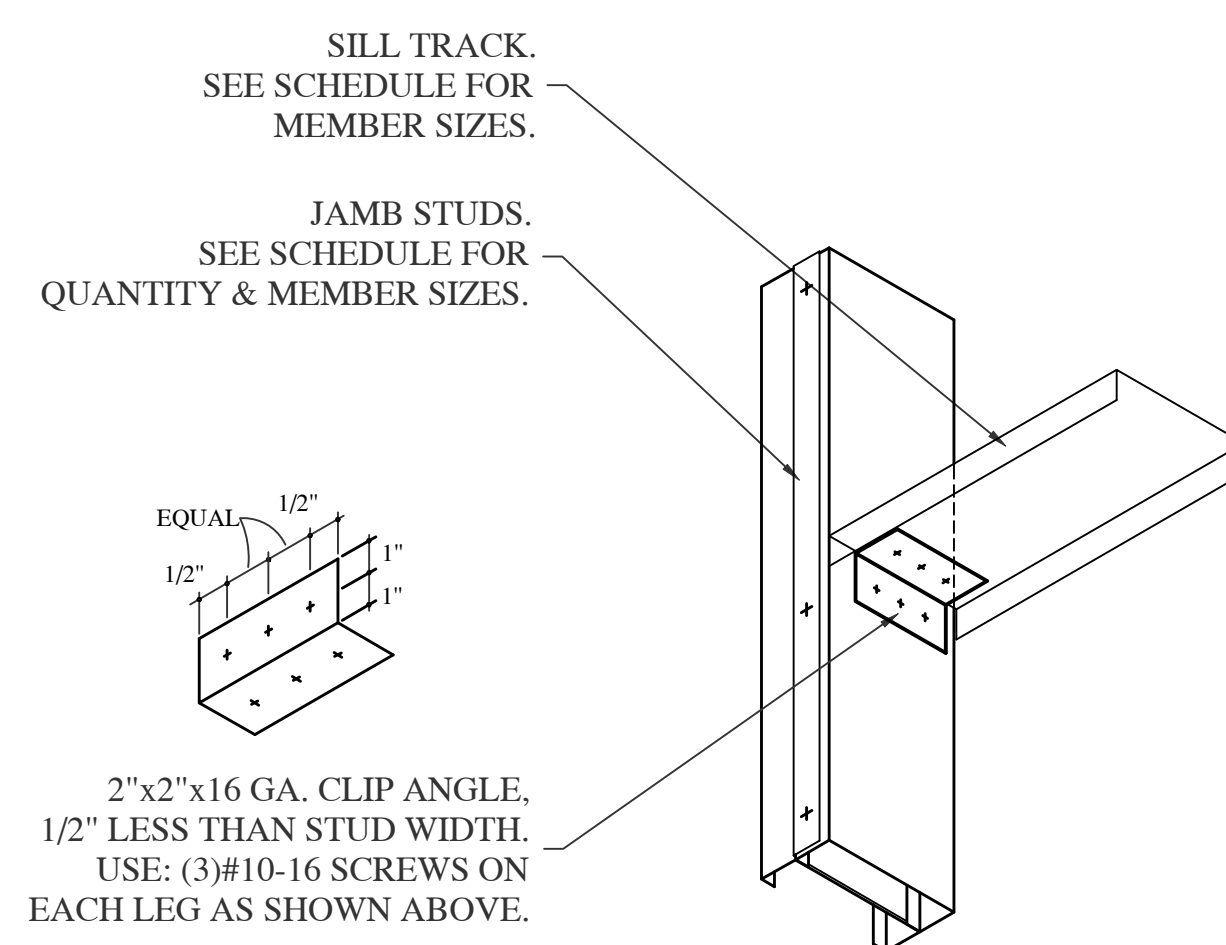
2 BOXED HEADER CONNECTION
LOAD BEARING HEADER - TWO MEMBER BOXED



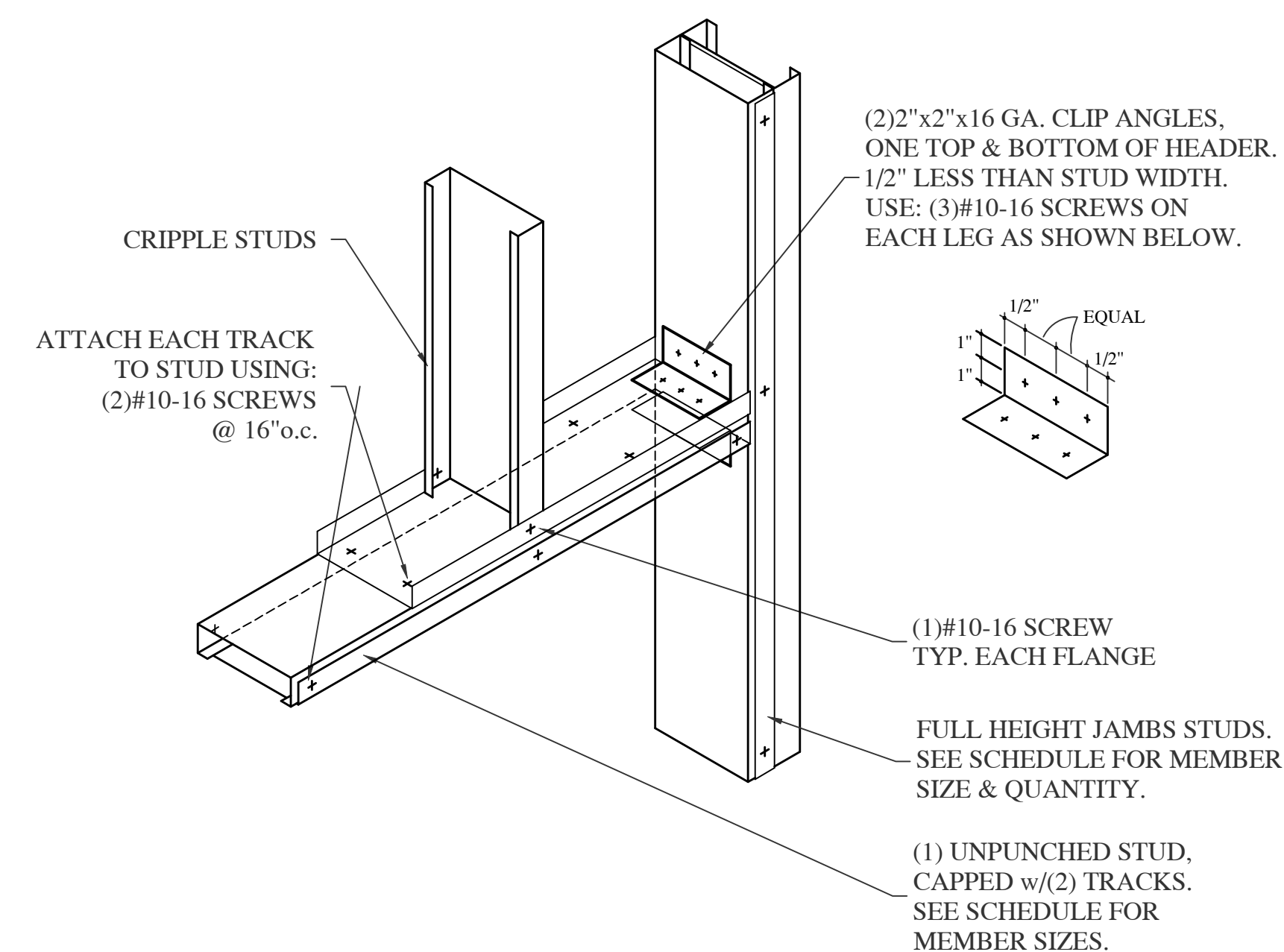
3 BACK TO BACK HEADER
w/CLIP ANGLES ATTACHED TO JAMBS



4 JAMB & HEAD CONNECTION
NON-AXIAL LOAD BEARING HEAD TRACK ATTACHED USING CLIP ANGLE



5 SILL TRACK CONNECTION
SILL TRACK ATTACHED USING CLIP ANGLE



6 LAY-IN HEADER CONNECTION
CURTAIN WALL LAY-IN HEADER USING:
(1)STUD w/(2)TRACKS

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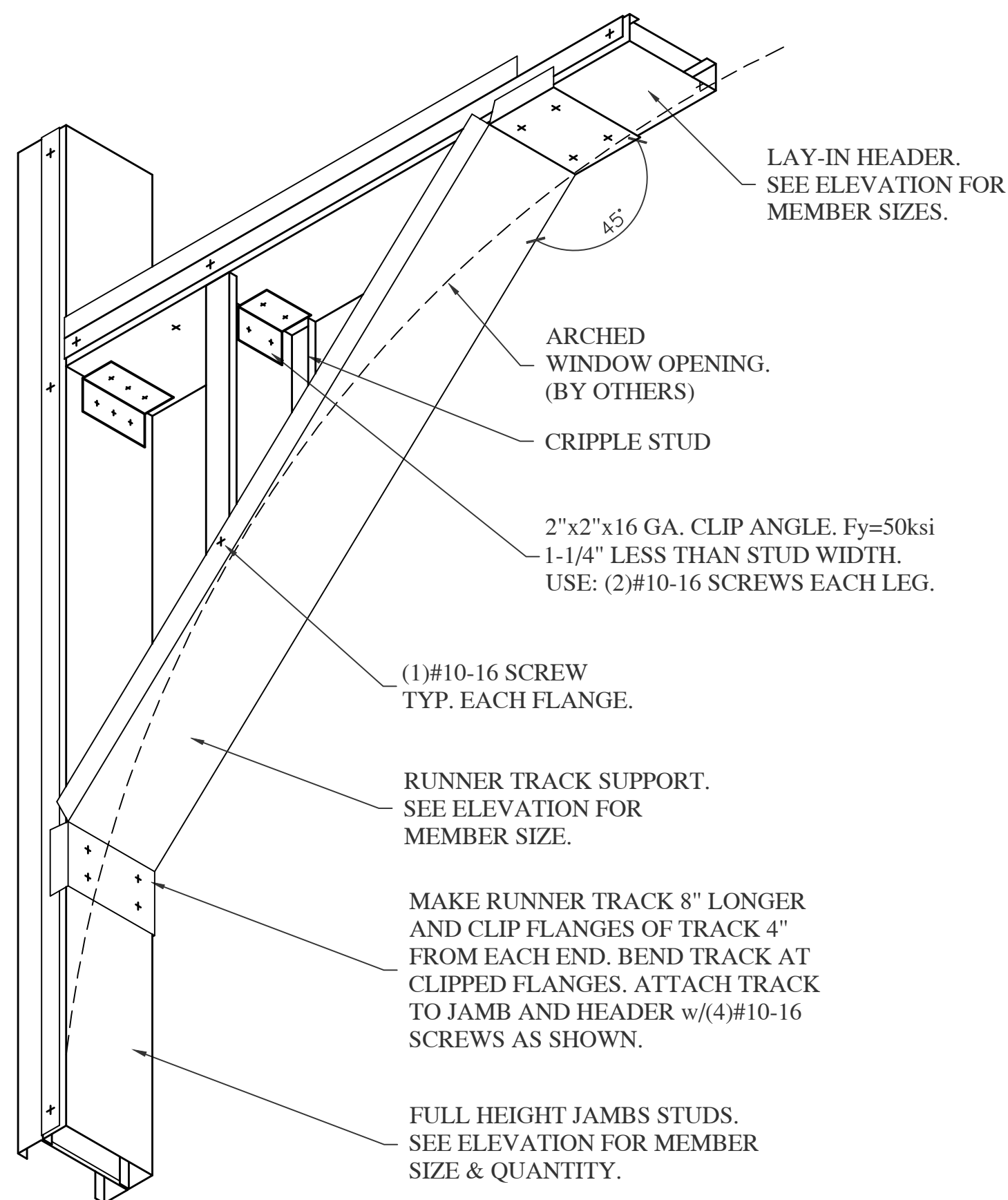
COMM. NO.	DRAWN
DATE	CHECKED
SCALE	AS NOTED
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MISC. DETAILS - 1

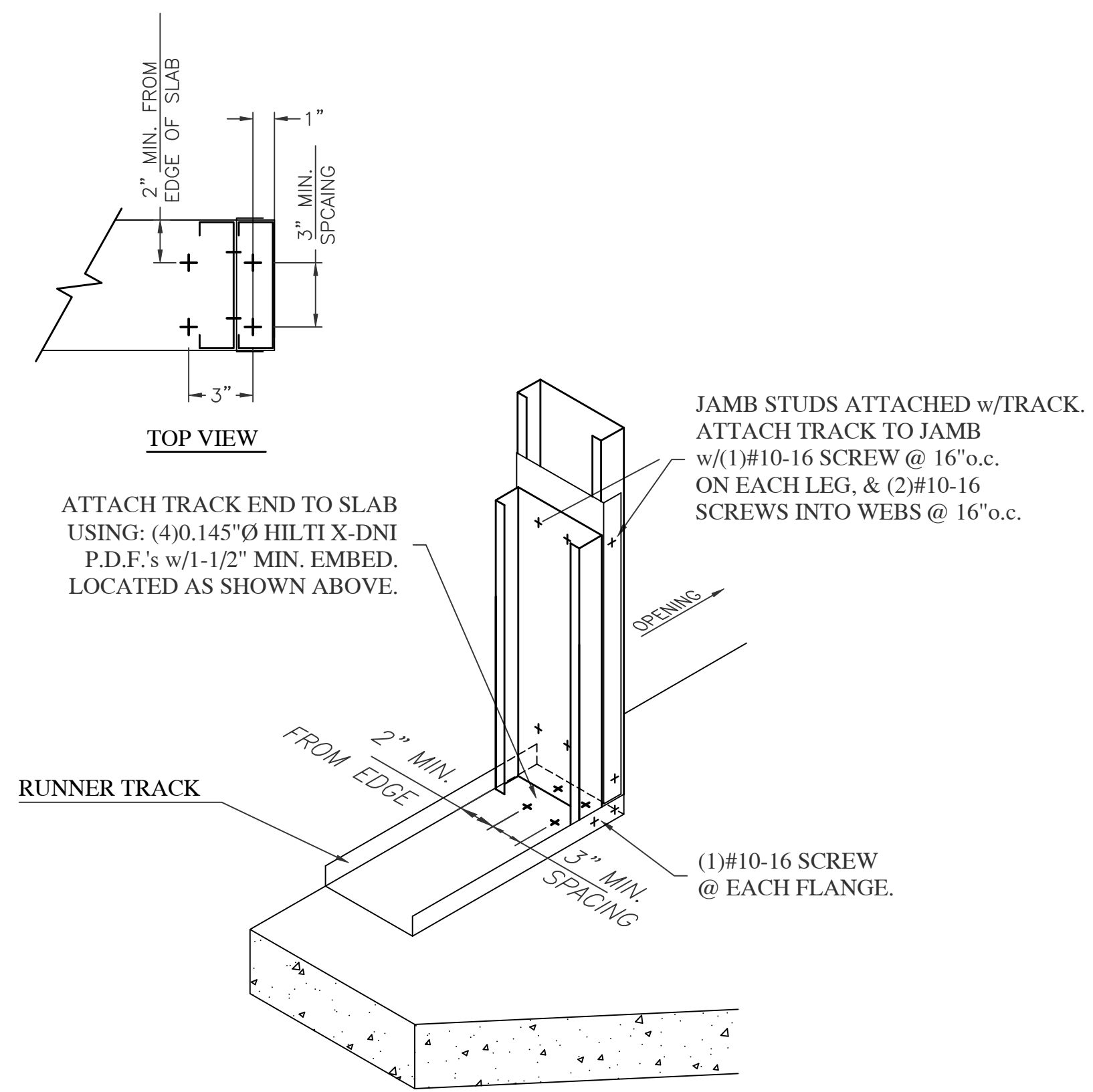
SHEET NO.

S-10

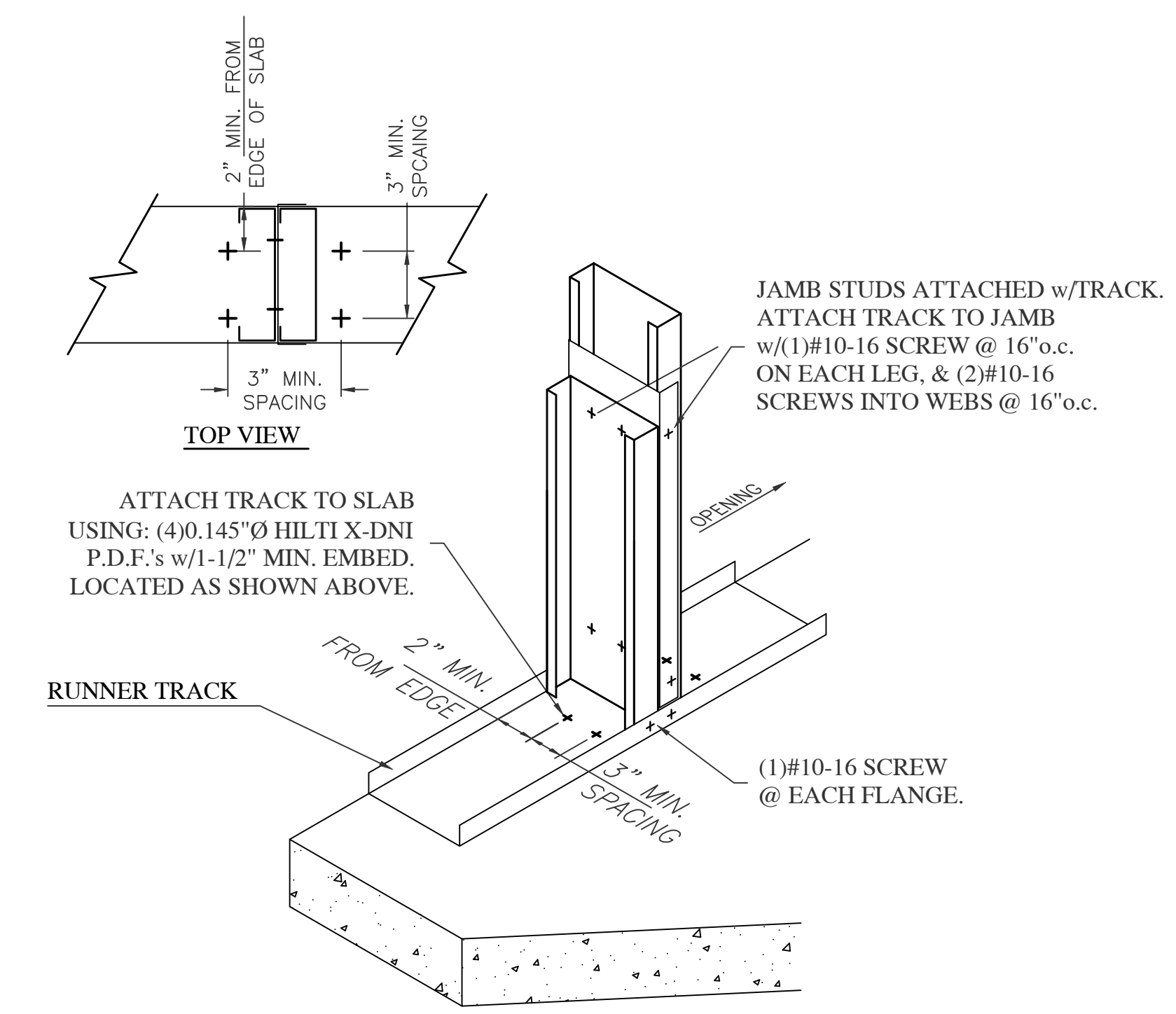
SHT 1 OF 1



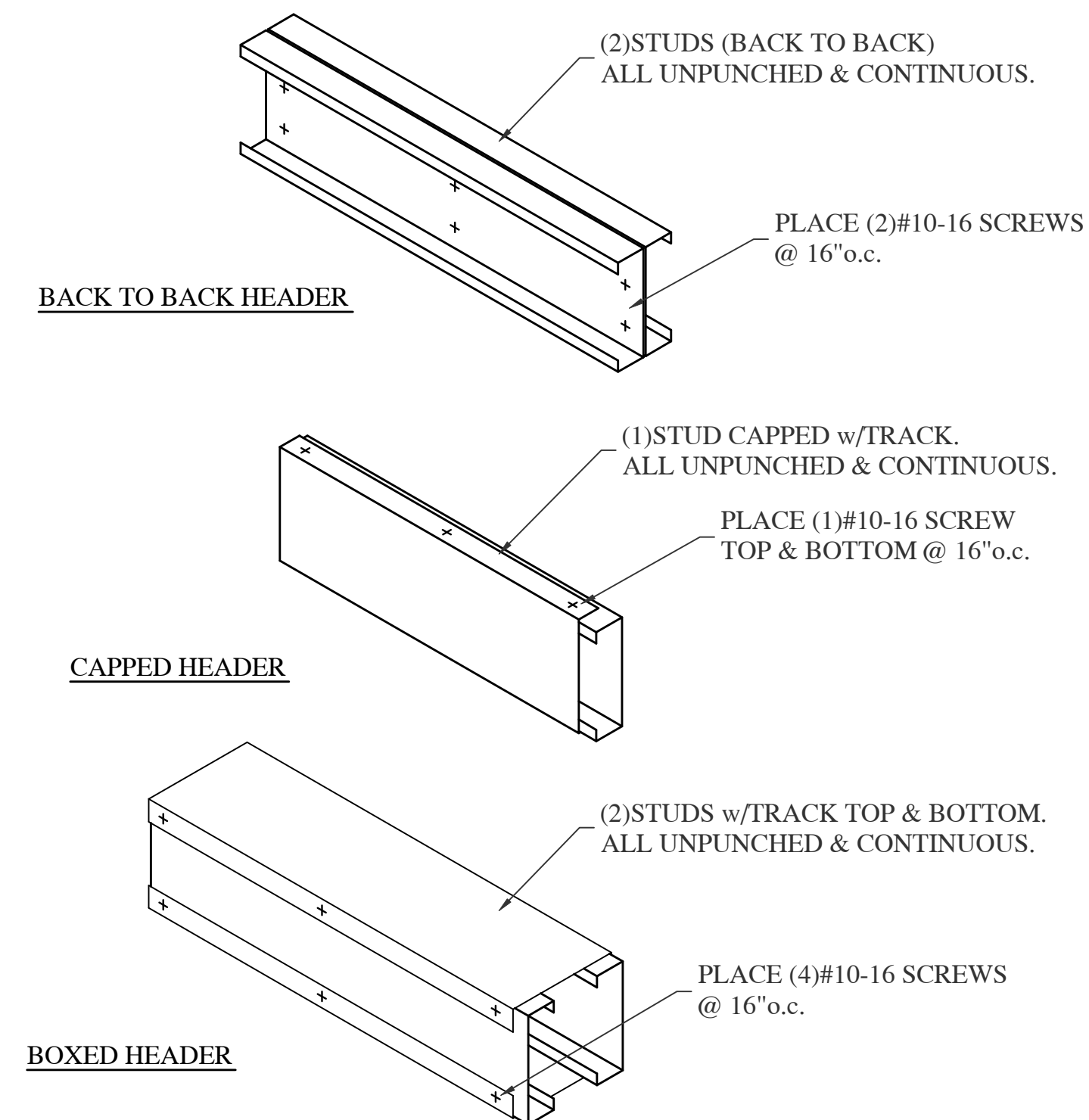
7 ARCHED HEAD CONNECTION
ARCHED HEAD CONNECTION USING CLIPPED TRACK



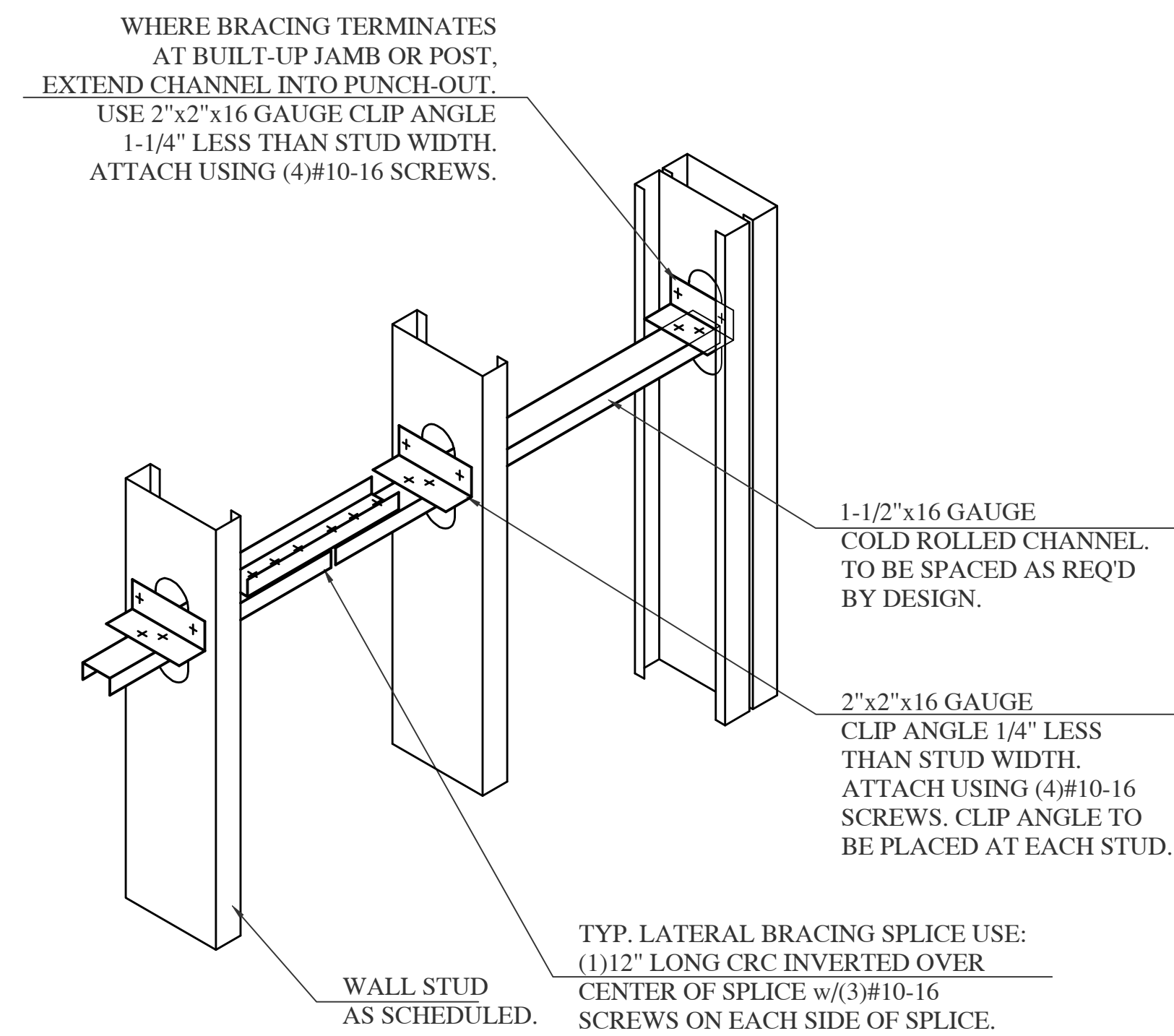
8 DOOR JAMB ANCHORAGE
(2)JAMB ANCHORAGE TO STRUCTURE
w/(4)P.D.F.'s



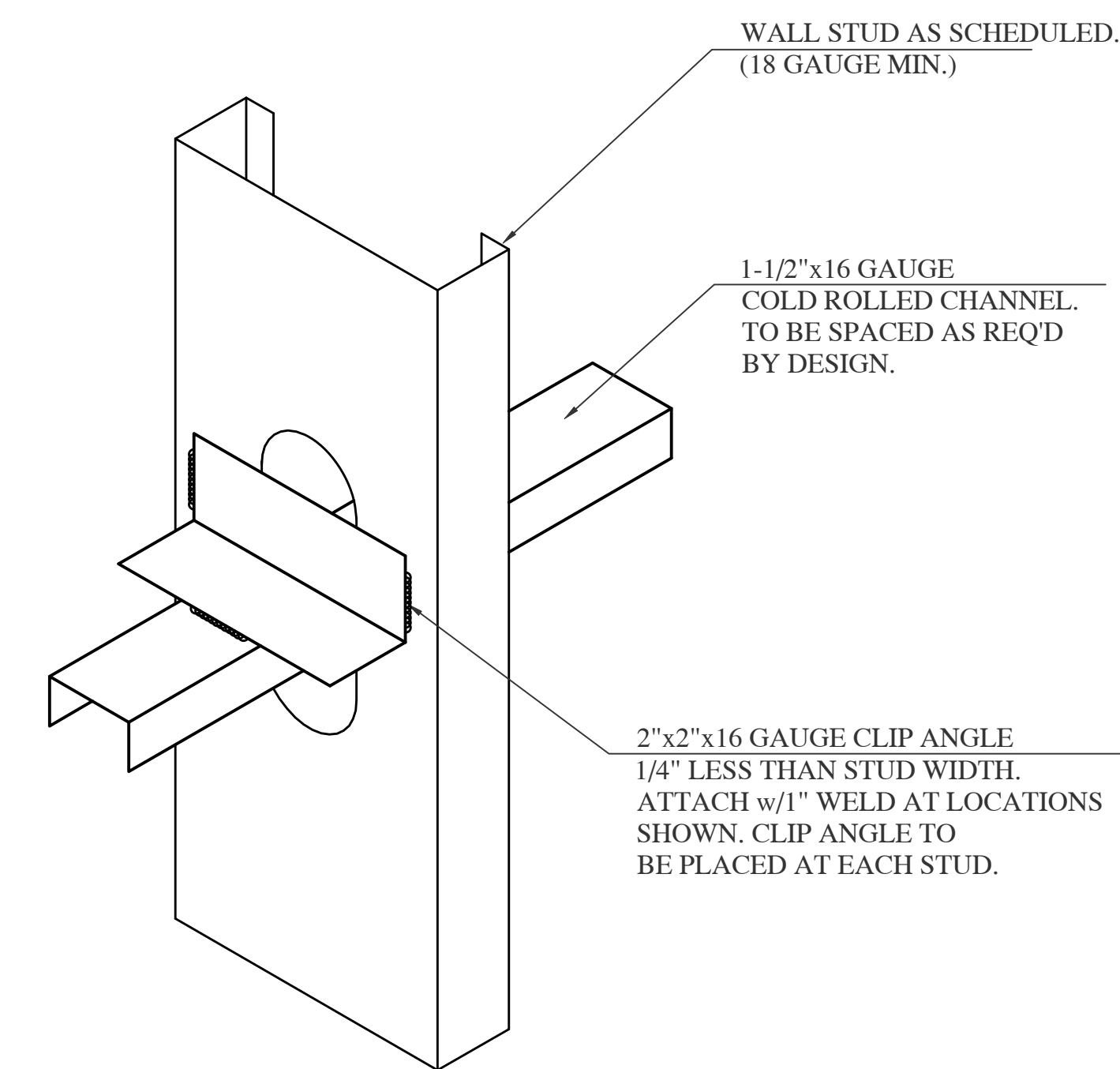
9 WINDOW JAMB ANCHORAGE
(2)JAMB ANCHORAGE TO STRUCTURE
w/(4)P.D.F.'s



10 HEADER CONFIGURATIONS
BUILT-UP CONNECTIONS



11 LATERAL BRACING
CRC LATERAL BRACING TYP. DETAIL



12 LATERAL BRACING
BRACING USING WELDED CLIP ANGLE


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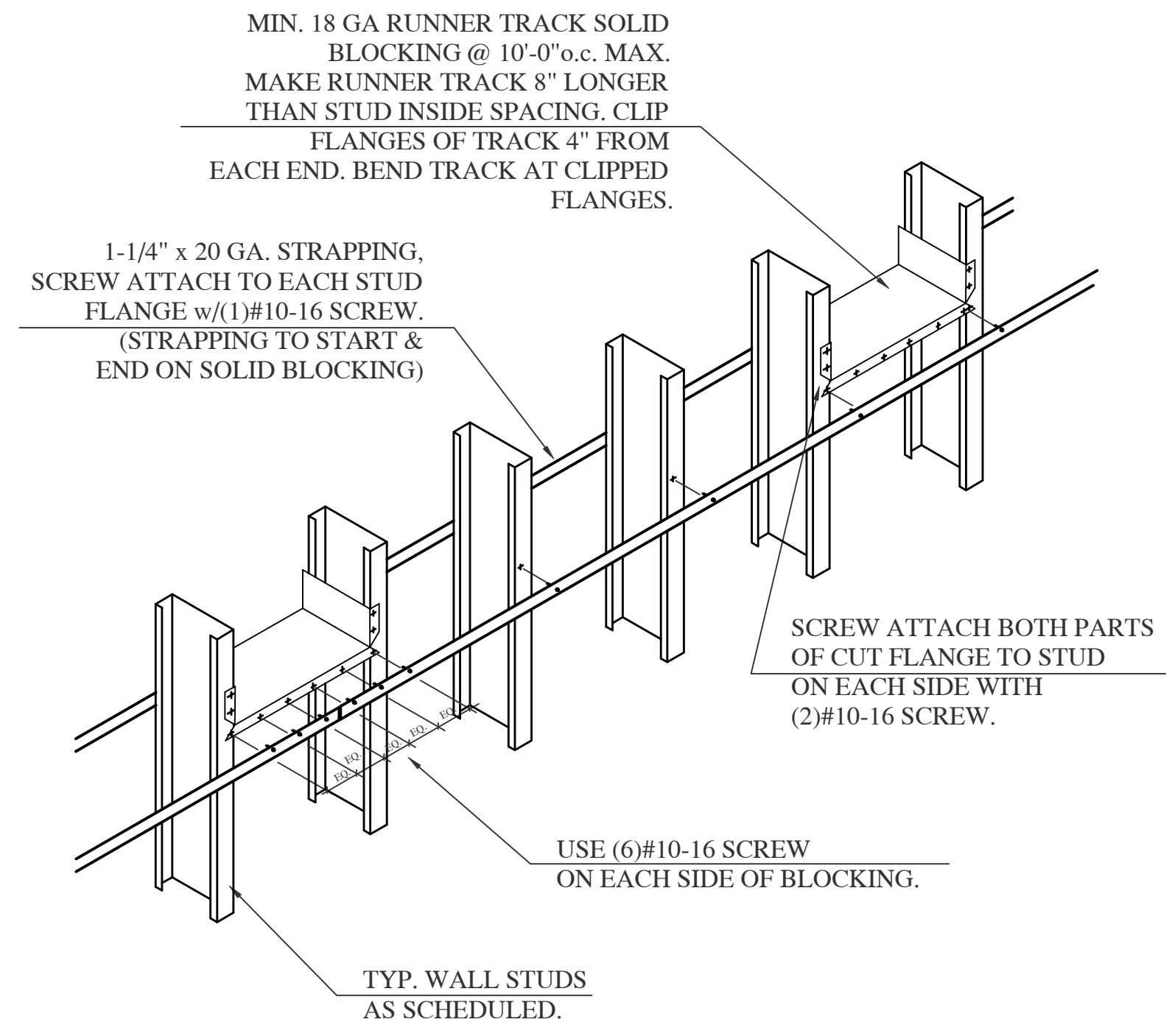
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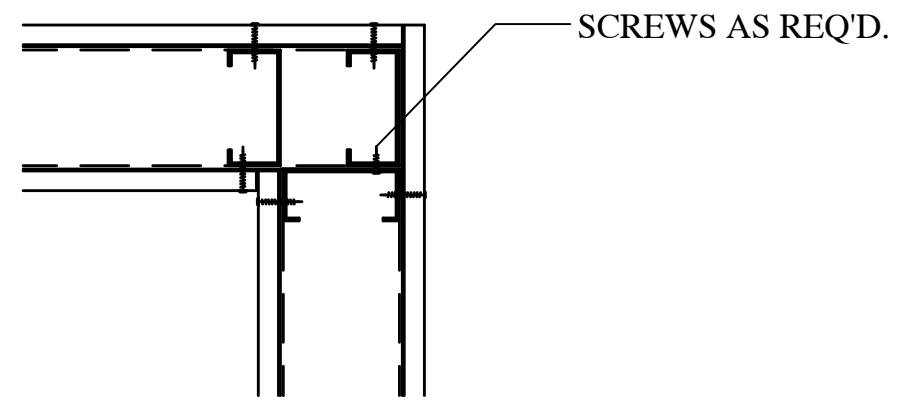
MISC. DETAILS - 2

SHEET NO.
S-11
SHT 1 OF 1

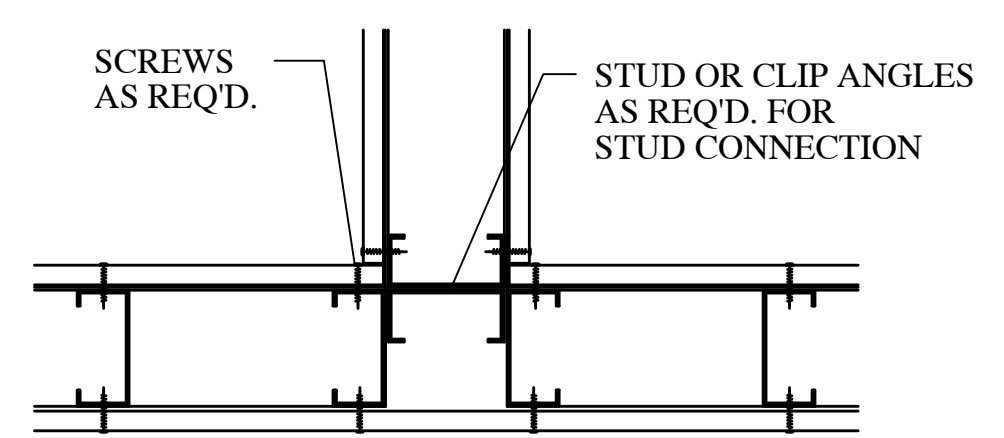
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13 LATERAL BRACING
1-1/4" x 20GA. STRAP WITH RUNNER TRACK BLOCKING

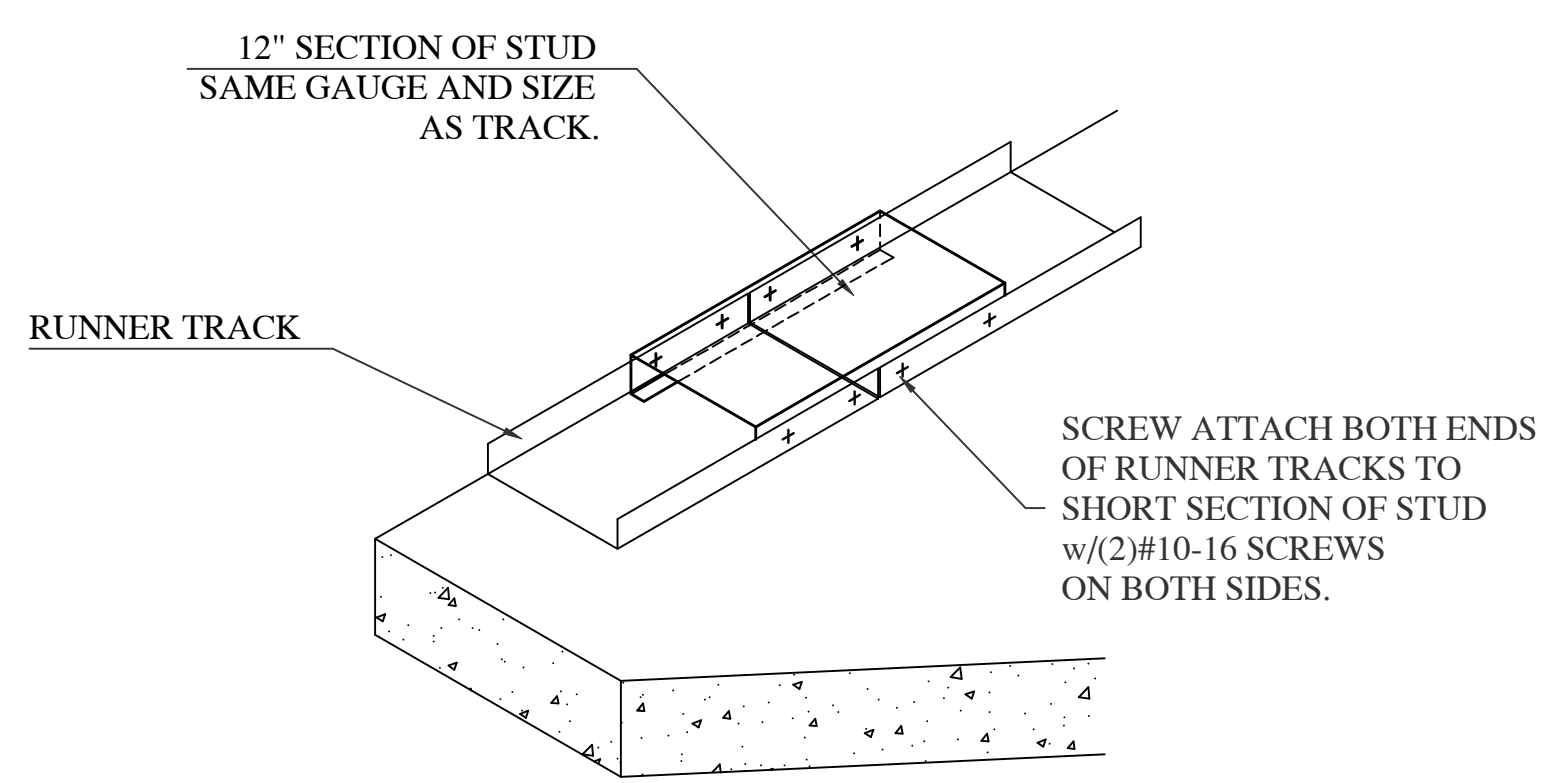


CORNER FRAMING

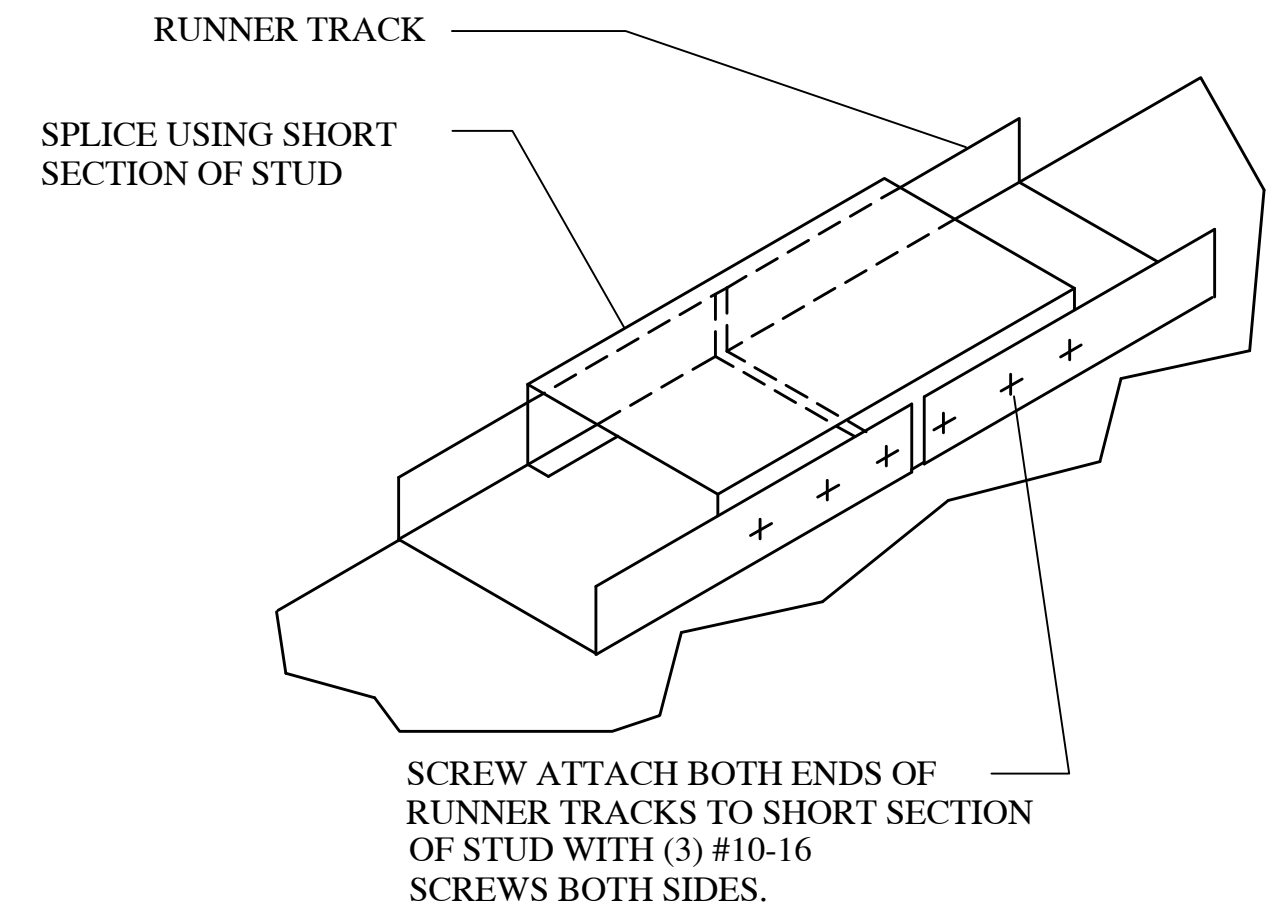


INTERSECTION FRAMING

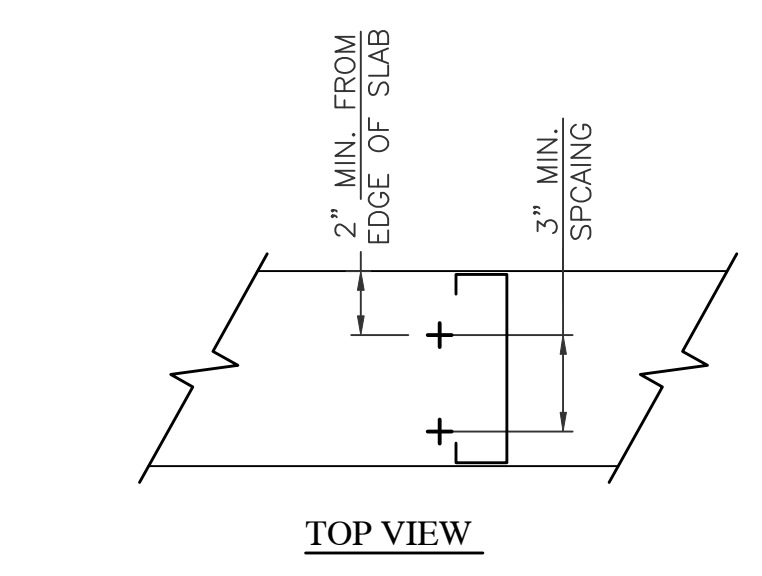
18 INTERSECTION FRAMING
STUD LAYOUT AT WALL INTERSECTIONS



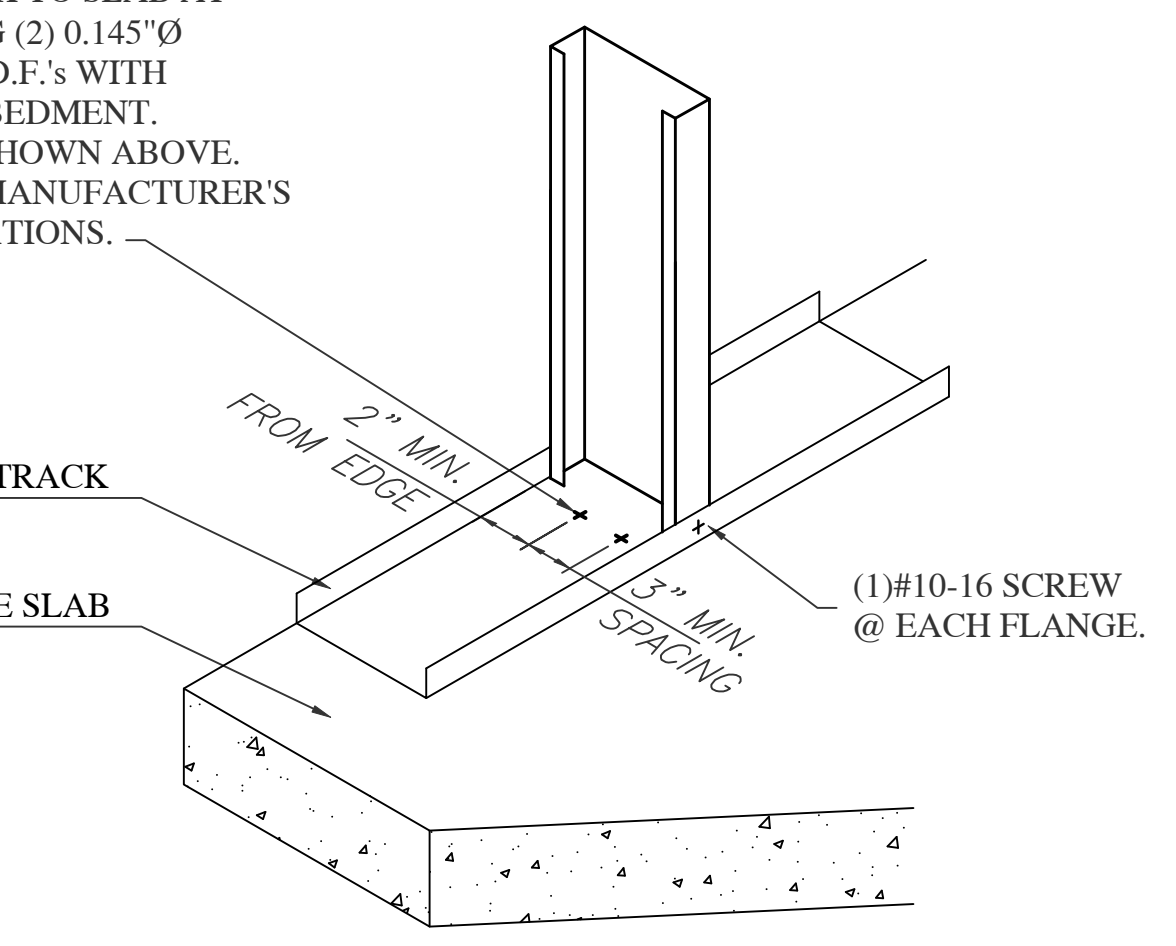
30 BOTTOM TRACK SPLICE
RUNNER TRACK SPLICE - SCREW ATTACHED



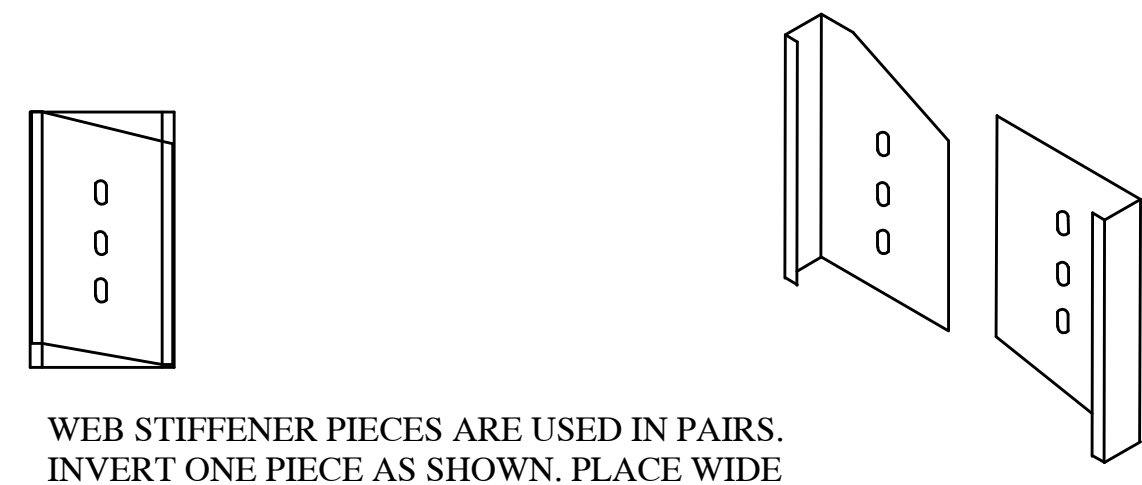
16 TRACK SPLICE
RUNNER TRACK SPLICE- SCREW ATTACHED



ATTACH TRACK TO SLAB AT 3'-0" O.C. USING (2) 0.145"Ø HILTI X-DNI P.D.F.'s WITH 1-1/2" MIN. EMBEDMENT. LOCATED AS SHOWN ABOVE. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.



29 STUD TO TRACK DETAIL
ANCHORAGE TO STRUCTURE w/(2)P.D.F.'s

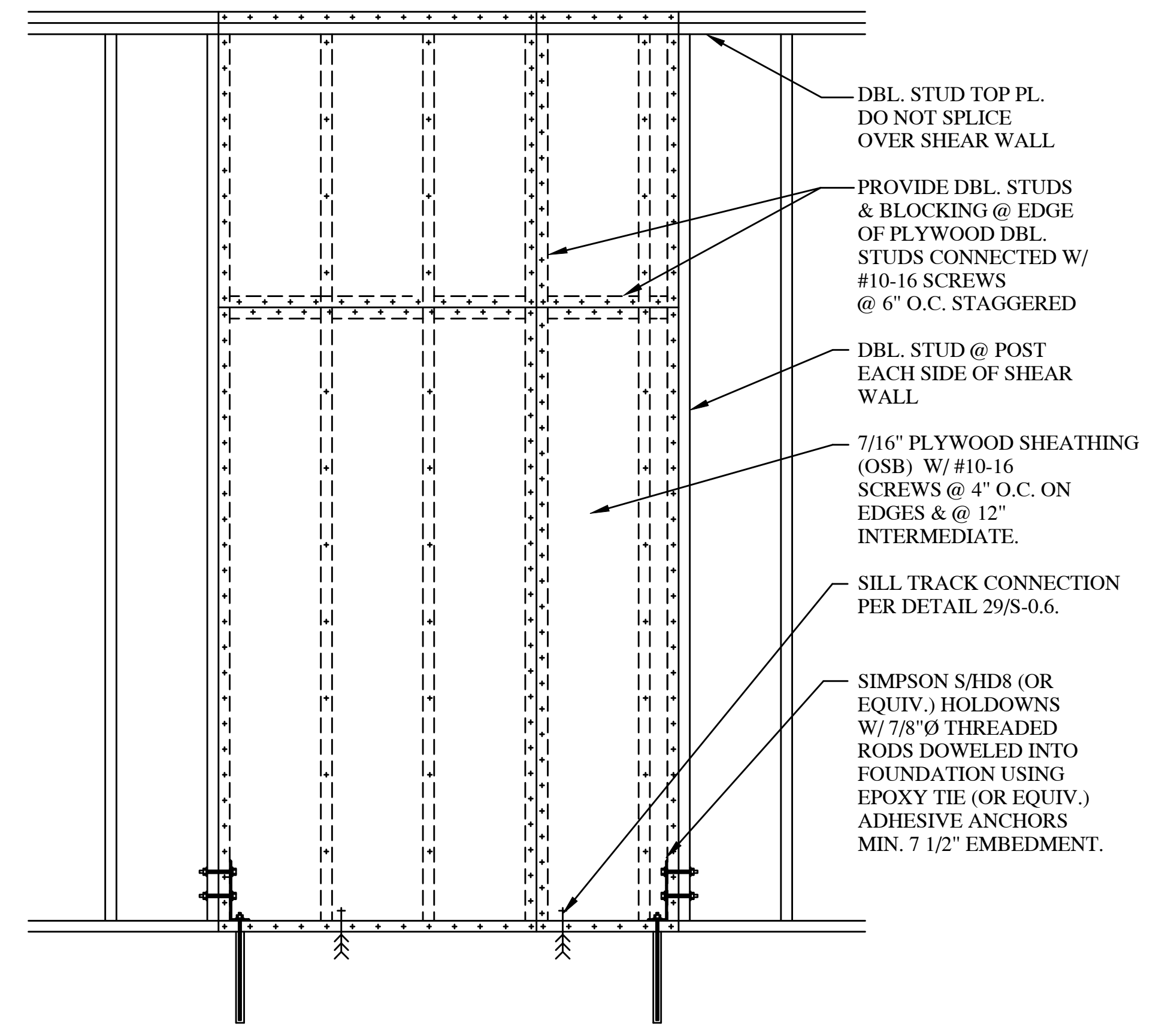


WEB STIFFENER PIECES ARE USED IN PAIRS. INVERT ONE PIECE AS SHOWN. PLACE WIDE FLANGES TOGETHER WITH PIECES OFFSET SLIGHTLY FOR EASIER INSTALLATION.

INSERT BOTH PIECES INTO JOIST AT AN ANGLE THEN ROTATE PIECES CLOCKWISE TO A VERTICAL POSITION. FASTEN WEB STIFFENER TO JOIST WITH (1) SCREW THROUGH SLOTTED HOLES INTO WEB OF JOIST.

- NOTES:
- 1.) SPECIFY WEB STIFFENER CORRESPONDING TO JOIST DEPTH (i.e. 60WS14 FOR 6" JOIST, 80WS14 FOR 8" JOIST, ETC.)
 - 2.) WS14 IS FOR 16 & 14 GAUGE JOISTS, WS14X IS FOR 18 & 20 GAUGE JOISTS.
 - 3.) WEB STIFFENERS ARE ORDERED BY THE PIECE (2) PIECES FOR EACH WEB STIFFENER LOCATION.
 - 4.) WEB STIFFENERS WILL NOT FIT IN NESTED MEMBERS.

17 WEB STIFFENER
DETAIL EXPLAINING THE USE OF THE WEB STIFFENER



28 PLYWOOD SHEAR WALL
STRUCTURAL SHEAR WALL ELEVATION

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MISC. DETAILS - 3

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