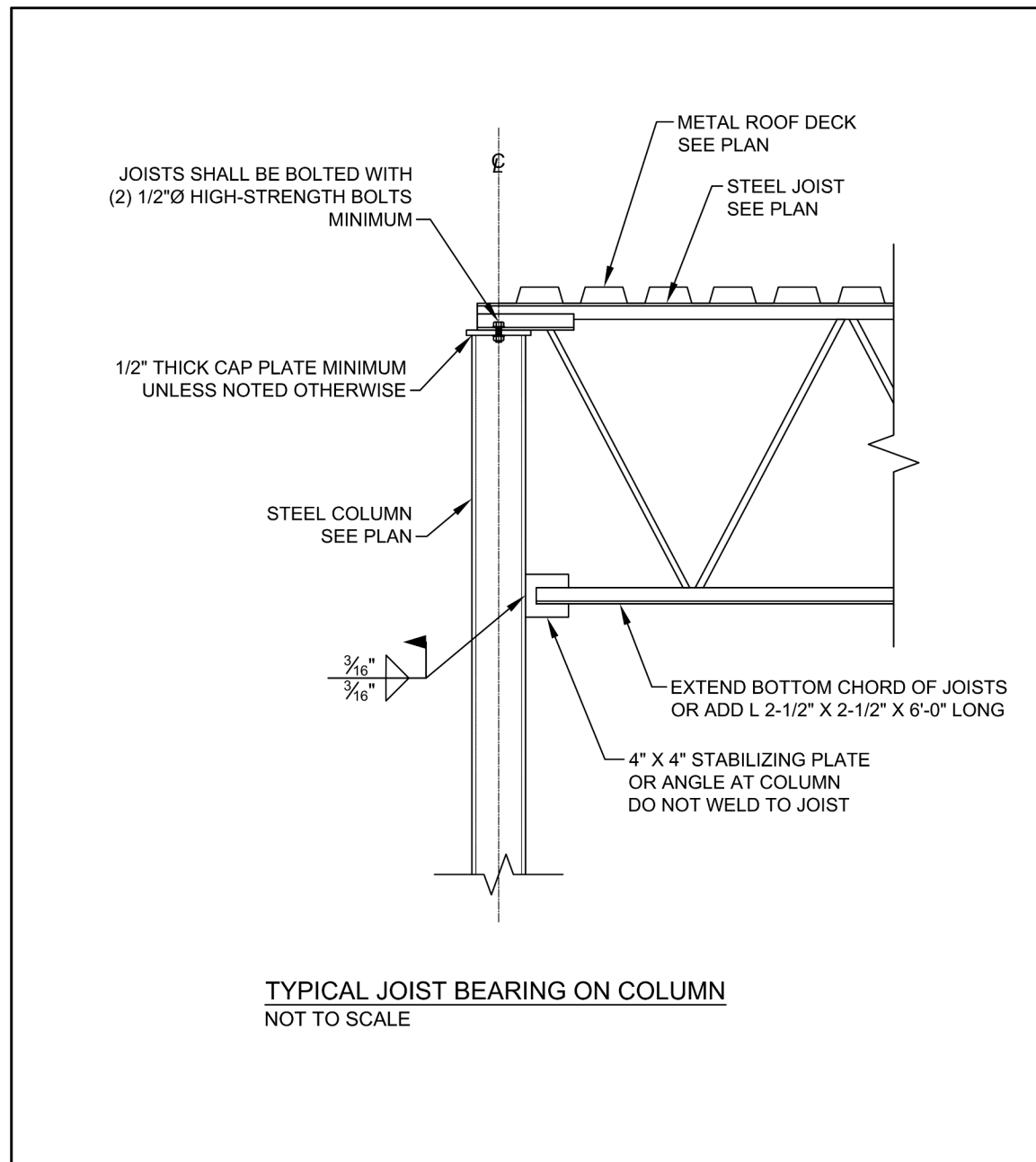
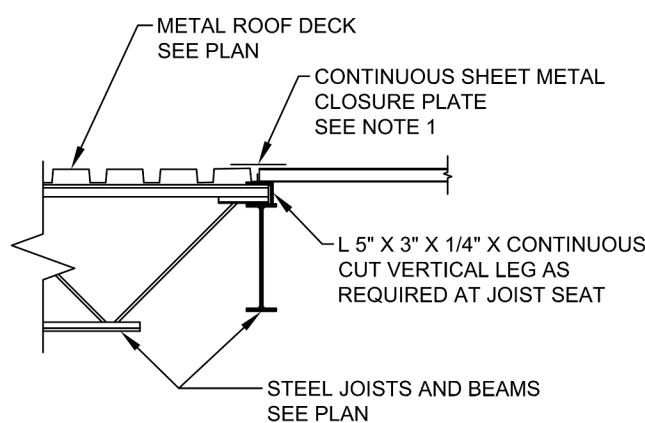




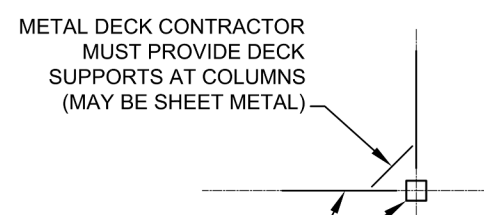
TYPICAL METAL DECK DETAILS

NOTES:

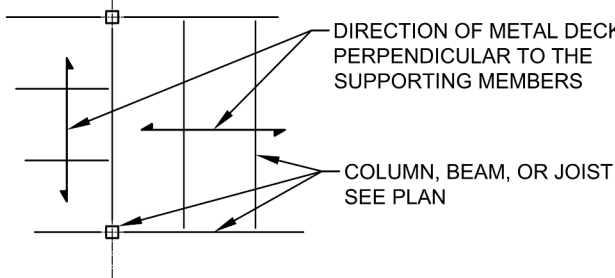
1. METAL DECK CONTRACTOR TO PROVIDE RIDGE AND VALLEY PLATES AS REQUIRED.
2. TYPICAL ROOF EDGE ANGLE (BY METAL DECK CONTRACTOR) WHERE DECK IS PARALLEL TO WALLS AND UNSUPPORTED, PROVIDE L 3-1/2" X 3-1/2" X 1/4" X CONTINUOUS, OR 12 GAGE BENT PLATE CONTINUOUS, FIELD WELD TO STEEL JOISTS OR RAISED BEAMS.



TYPICAL EDGE ANGLE DECK SUPPORT

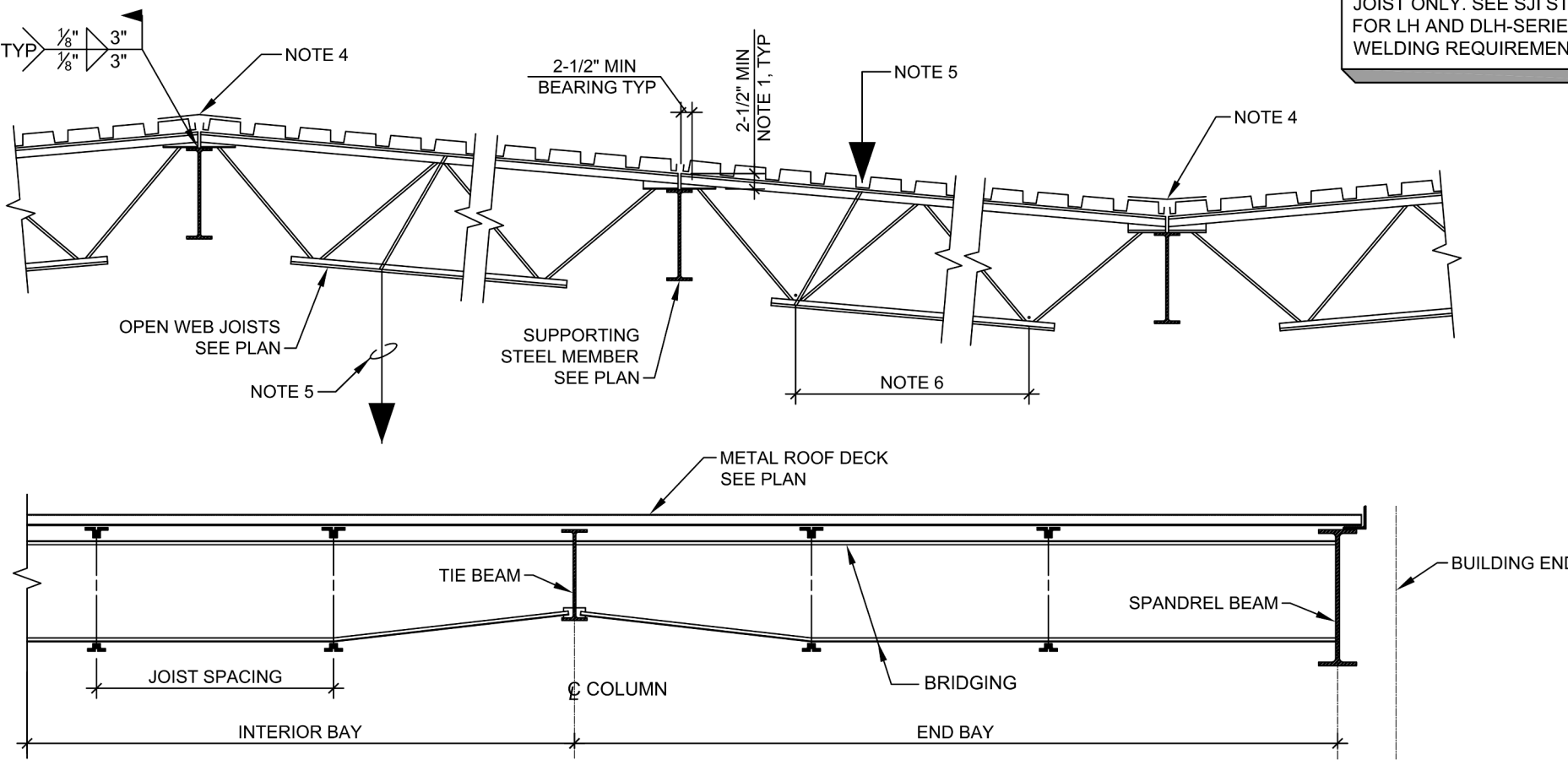


TYPICAL DECK DIRECTION SYMBOL



NOTES:

1. BEARING ENDS OF SLOPED JOISTS SHALL BE HORIZONTAL TO OBTAIN FULL CONTACT WITH SUPPORTING MEMBERS.
2. AT END BAYS, EXTEND ALL BOTTOM CHORDS AND CONNECT TO SPANDREL BEAMS.
3. CEILING EXTENSIONS ARE REQUIRED FOR OPEN WEB JOISTS ABOVE HUNG CEILINGS, AND THEIR LOCATIONS ARE SHOWN ON THE ARCHITECTURAL DRAWINGS.
4. WELD PLATE TO UNDERSIDE OF METAL ROOF DECK. SEE PLAN FOR ELEVATION.
5. AT POINT LOAD BETWEEN JOIST PANEL POINTS ADD AN ANGLE PLATE (L 2" X 2" X 3/8").
6. NUMBER OF ROWS AND TYPE OF BRIDGING PER MANUFACTURER SPECIFICATIONS.

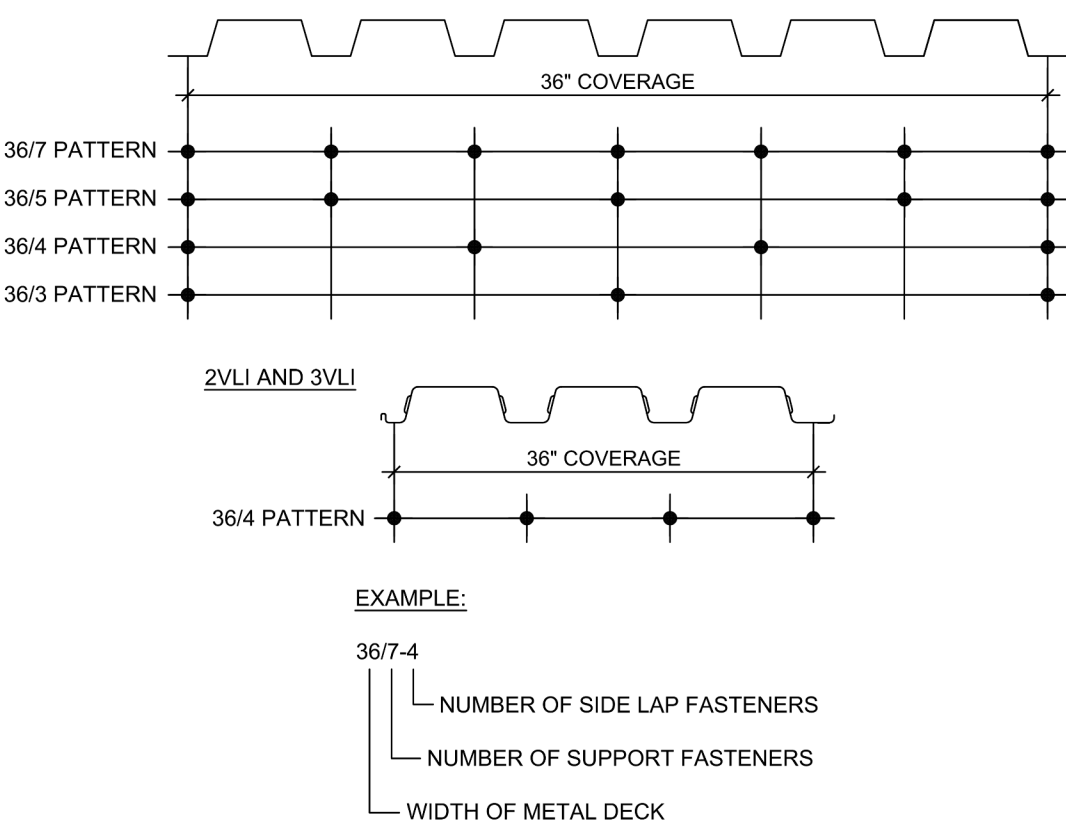


TYPICAL DECK FASTENER LAYOUT

NOTES:

1. USE 3/8" PUDDLE WELD AT SUPPORTS AND #12 SCREWS AT SIDE LAPS.
2. USE 3/8" X 3" PATTERN FOR THE ROOF DECK UNLESS NOTED OTHERWISE IN PLAN.
3. USE 3/4" X 4" PATTERN FOR THE FLOOR DECK UNLESS NOTED OTHERWISE IN PLAN.

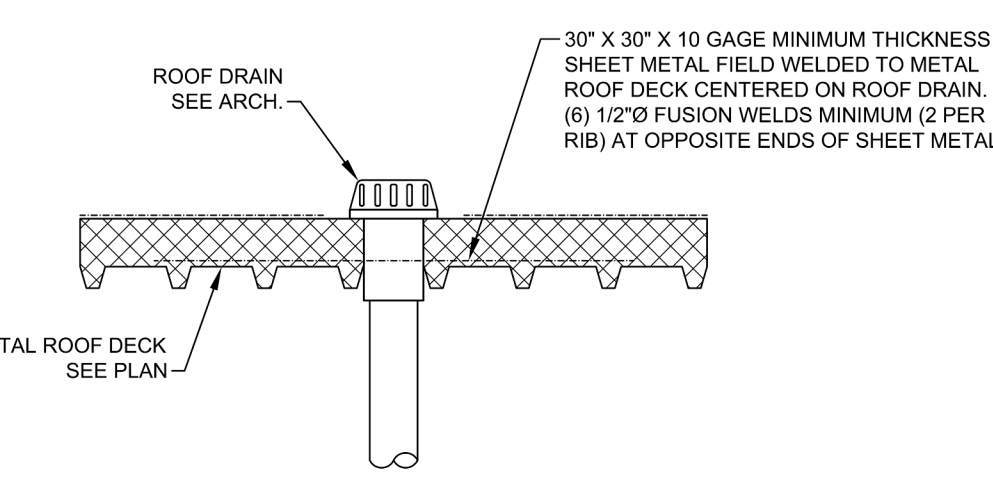
1.5 (B, F, A, V, L)



TYPICAL DECK REINFORCEMENT AT ROOF DRAIN WITHOUT SUMP PAN

NOTES:

1. FOR OPENINGS 8" OR LARGER, PROVIDE ANGLES FOR ADDITIONAL SUPPORT.

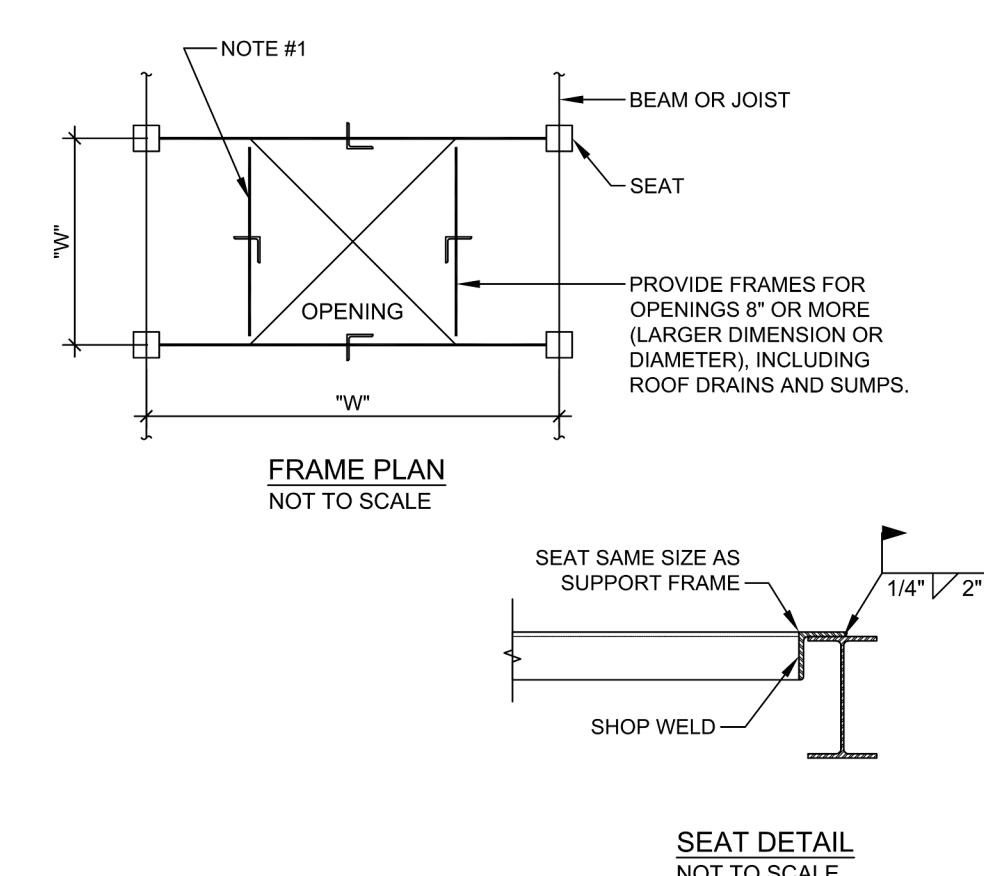


TYPICAL DECK REINFORCEMENT AT ROOF DRAIN WITHOUT SUMP PAN

TYPICAL ROOF OPENING DETAIL FOR WEIGHTS < 500 LBS.

NOTES:

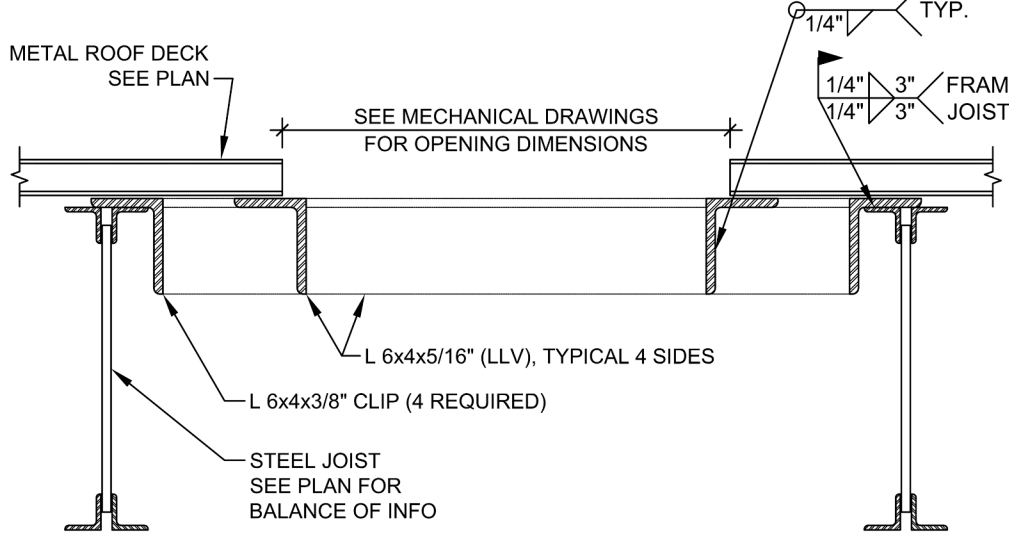
1. ANGLES ALL SIDES UNLESS BEAMS SHOWN ON PLAN:
L 2" X 2" X 3/8" FOR "W": 2'-0"
L 3" X 3" X 3/8" FOR "W": 4'-0"
L 4" X 4" X 3/8" FOR "W": 6'-0"
2. FOR "W" > 6'-0", CONTACT STRUCTURAL ENGINEER OF RECORD FOR FRAMING REQUIREMENTS.



TYPICAL ROOF OPENING DETAIL FOR WEIGHTS > 500 LBS.

NOTES:

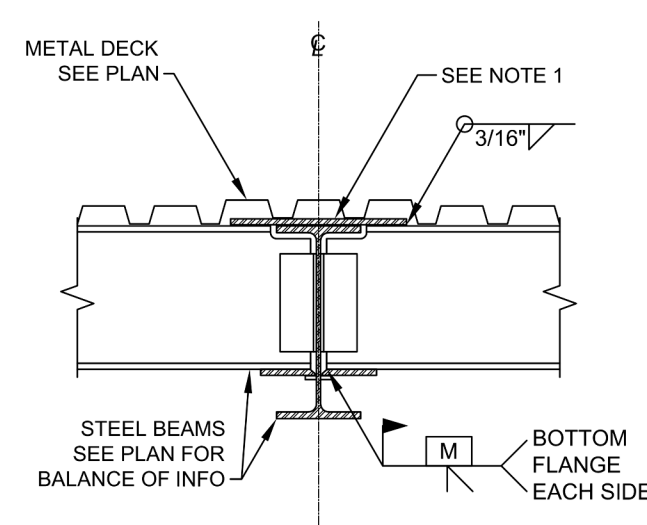
1. PROVIDE AT PERIMETER OF ALL ROOFTOP MECHANICAL UNITS AND OPENINGS AS REQUIRED.
2. SEE MECHANICAL DRAWINGS FOR OPENING SIZE AND LOCATION.
3. PROVIDE L 3x3x5/16" AT ROOF SUMPS.



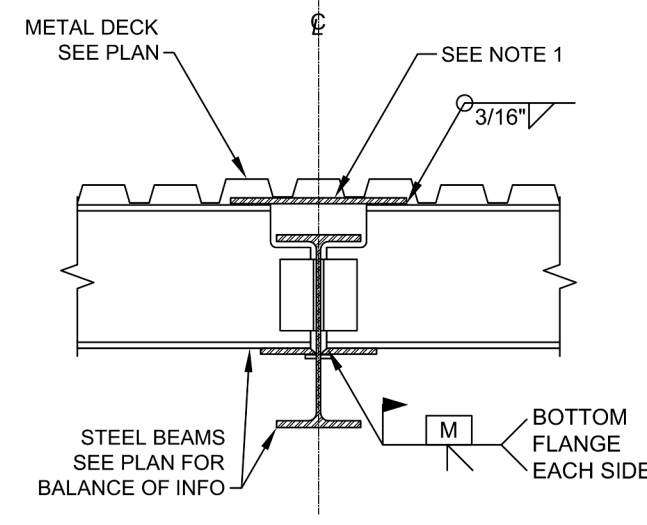
TYPICAL MOMENT CONNECTION AT BEAMS

NOTES:

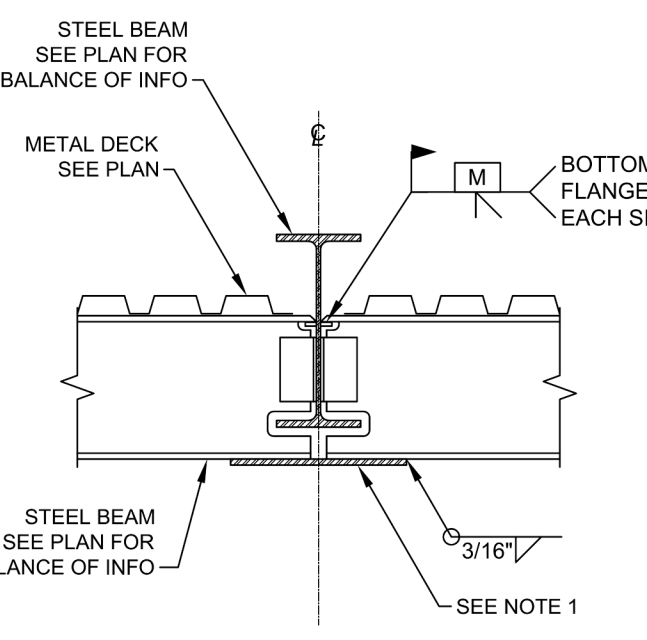
1. STEEL PLATE DIMENSIONS AS REQUIRED TO DEVELOP FULL MOMENT CAPACITY TRANSFER THROUGH THE CONNECTION.



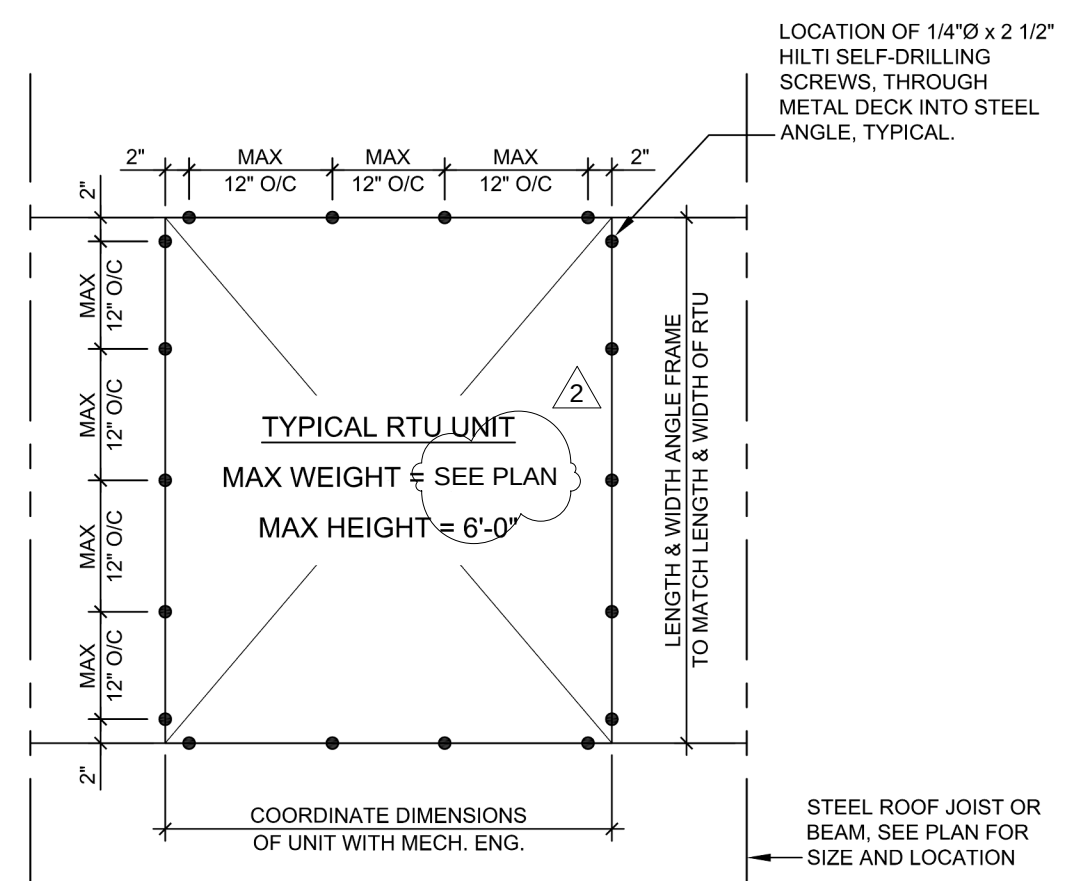
TYPICAL MOMENT CONNECTION AT BEAMS WITH ALL BEAMS AT THE SAME ELEVATION



TYPICAL MOMENT CONNECTION AT BEAMS WITH ONE BEAM AT A LOWER ELEVATION



TYPICAL RTU CURB TO SUPPORT ANGLE FRAME DETAIL

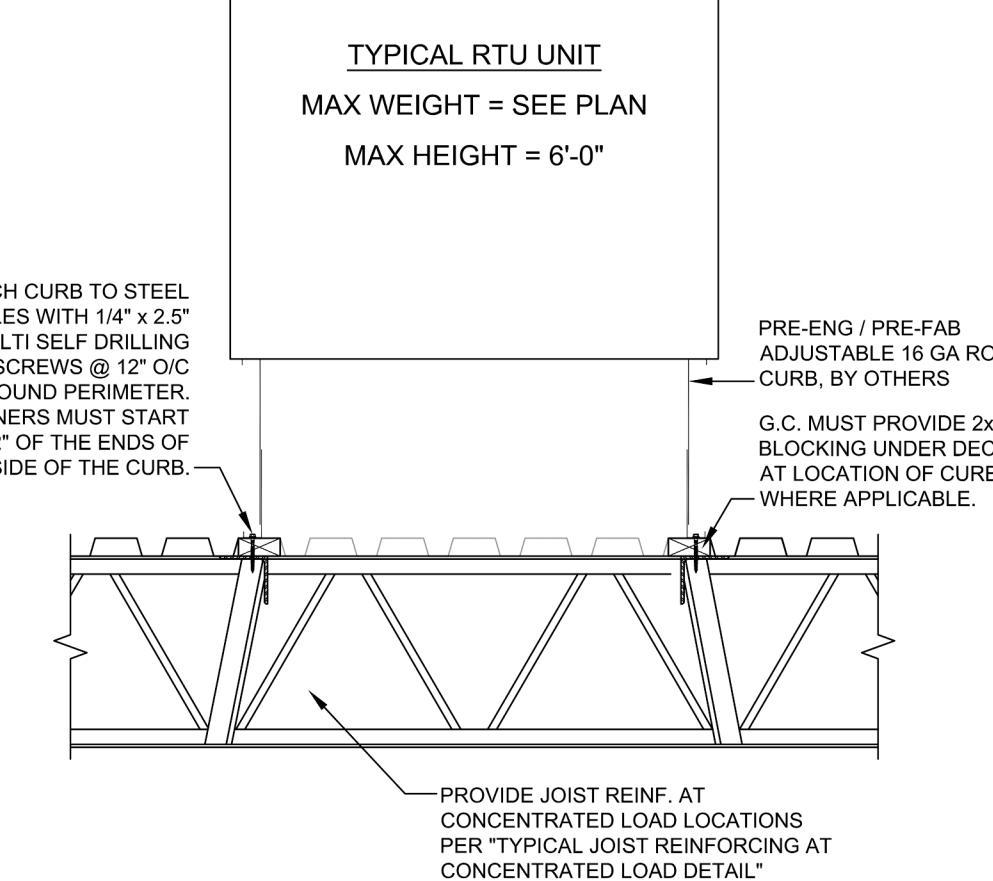


CURB ATTACHMENT - PLAN VIEW

1. CONTRACTOR IS TO PROVIDE FRAME UNDER ALL RTUS.
2. CONTRACTOR MUST CONTACT STRUCTURAL ENGINEER OF RECORD IF UNIT EXCEEDS MAXIMUM HEIGHT AND/OR WEIGHT.

NOTE:
IN CASE OF CONFLICT BETWEEN INFORMATION SHOWN ON THIS DRAWING, SECTION DRAWINGS, OR ARCHITECTURAL DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO INFORM THE ARCHITECT AND ENGINEER OF SUCH CONFLICT IN ORDER TO RECEIVE A CLARIFICATION BEFORE PROCEEDING TO WORK. DIMENSIONS, SIZES, AND REINFORCEMENT OF STRUCTURAL ELEMENTS SHOWN IN THIS DRAWING ARE MINIMUM TO BE USED UNLESS NOTED OTHERWISE (U.N.O.) IN PLANS.

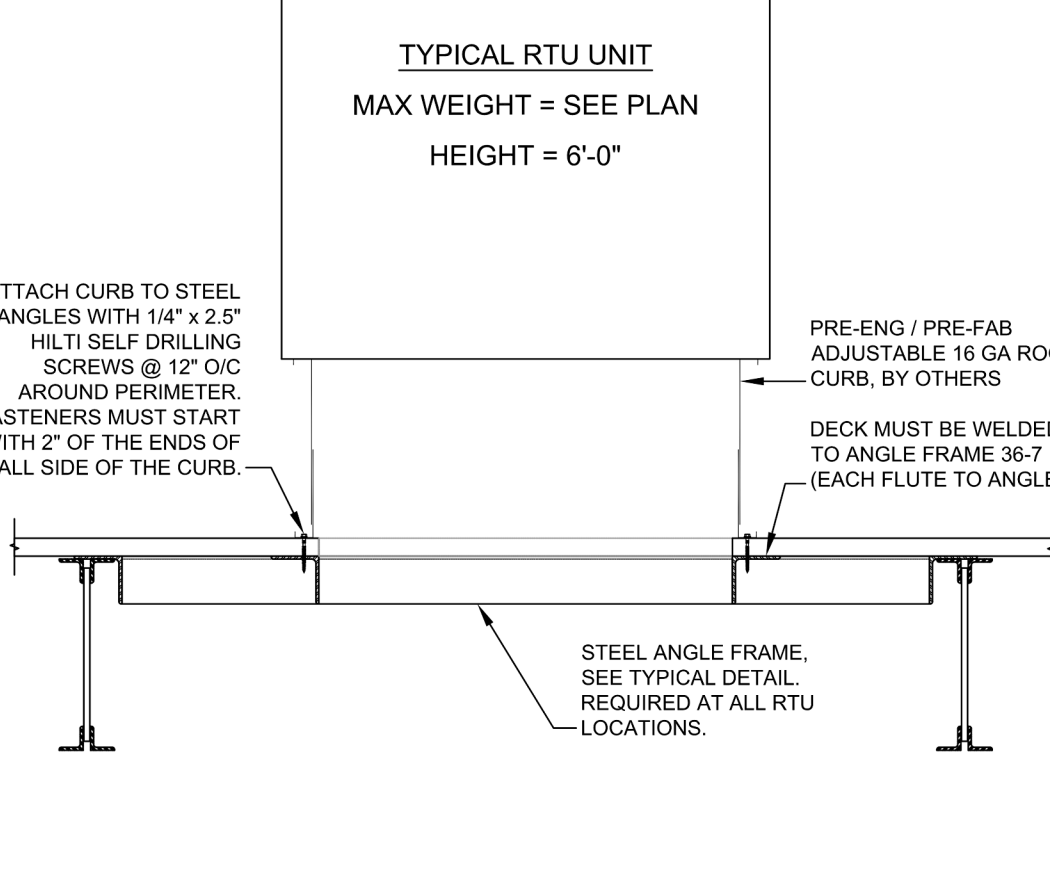
TYPICAL RTU CURB TO SUPPORT ANGLE FRAME DETAIL



CURB ATTACHMENT PARALLEL TO DECK SPAN.

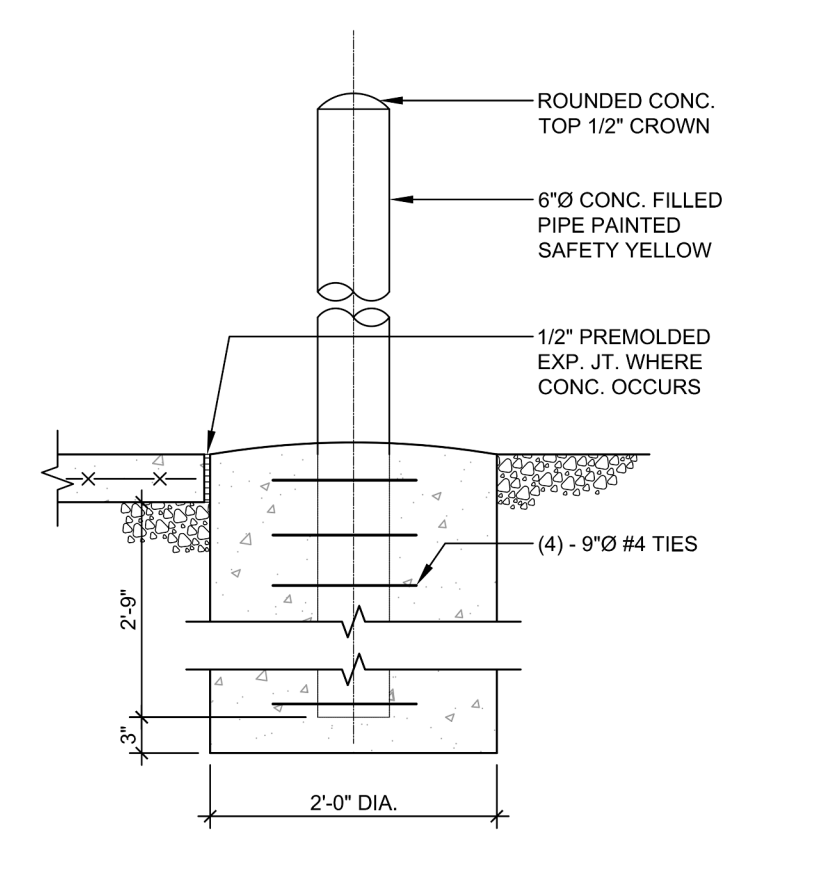
1. CONTRACTOR IS TO PROVIDE FRAME UNDER ALL RTUS.
2. G.C. MUST CONTACT STRUCTURAL ENGINEER OF RECORD IF UNIT EXCEEDS MAXIMUM HEIGHT AND/OR WEIGHT.

TYPICAL RTU CURB TO SUPPORT ANGLE FRAME DETAIL



CURB ATTACHMENT PERPENDICULAR TO DECK SPAN.

1. CONTRACTOR IS TO PROVIDE FRAME UNDER ALL RTUS.
2. G.C. MUST CONTACT STRUCTURAL ENGINEER OF RECORD IF UNIT EXCEEDS MAXIMUM HEIGHT AND/OR WEIGHT.



TYPICAL BOLLARD DETAIL

This item has been digitally signed and sealed by Matthew D. Brakefield, PE, using a Digital Signature with Date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

FSG FULLONE STRUCTURAL GROUP, INC
2253 CENTRAL AVENUE, UNIT #105
ST. PETERSBURG, FLORIDA 33713
PHONE: (727) 577-2222
FAX: (727) 577-2221
EB: #28152
Project No: 2035-001

SEAL
Matthew Brakefield
d
Digitally signed by Matthew Brakefield
Date: 2026.08.03 10:55:12 -0400
MATTHEW D. BRAKEFIELD, P.E.
No. 70852
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DEUK SPINE INSTITUTE
Surgery Center at Millenia, LLC

Hunton Brady
ARCHITECTS

DATE	SUBMISSION	NO
12.12.23	CONSTRUCTION DOCUMENTS	
08.07.2026	CCD NO. 2R	2

TYPICAL DETAILS

PROJ. NO. H-23016.00 SHEET
DRAWN AM
S-304