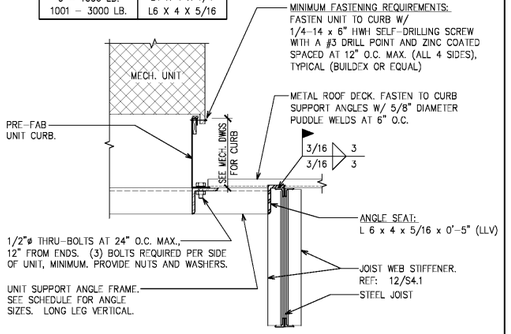
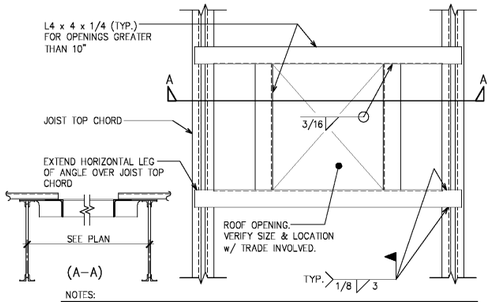
ROOF TOP UNIT FRAME SCHEDULE	
UNIT WEIGHT	ANGLE SIZE
0 – 1000 LB.	L4 X 4 X 1/4
1001 – 3000 LB.	L6 X 4 X 5/16



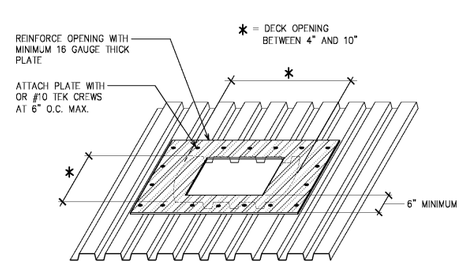
NOTE:
DO NOT BOLT THRU TOP CHORD OF ROOF JOIST UNLESS APROVED BY THE JOIST MANUFACTURER PRIOR TO INSTALLATION OF UNIT. PROVIDE WRITTEN VERIFICATION TO ENGINEER.

1 MECHANICAL UNIT FASTENING DETAIL
NOT TO SCALE

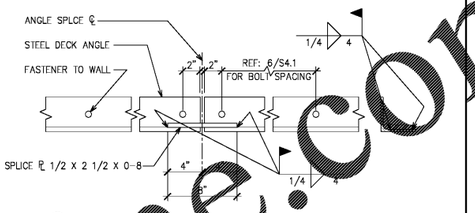


NOTES:
1. LOCATE L4 x 4 x 1/4 FRAMES AROUND ALL ROOF OPENINGS GREATER THAN 10".
2. CONTRACTOR SHALL VERIFY LOCATION AND SIZE OF OPENINGS PRIOR TO STEEL FABRICATION.
3. REFER TO JOIST STIFFENER DETAIL 12/S4.1 FOR JOIST STIFFENERS AS REQUIRED.
4. REFER TO 3/S4.2 FOR DECK OPENINGS BETWEEN 4" AND 10".
5. NOT INTENDED FOR ROOF TOP MECHANICAL EQUIPMENT SUPPORT. REFER TO 1/S4.2 FOR ANGLES SUPPORTING MECHANICAL UNITS.

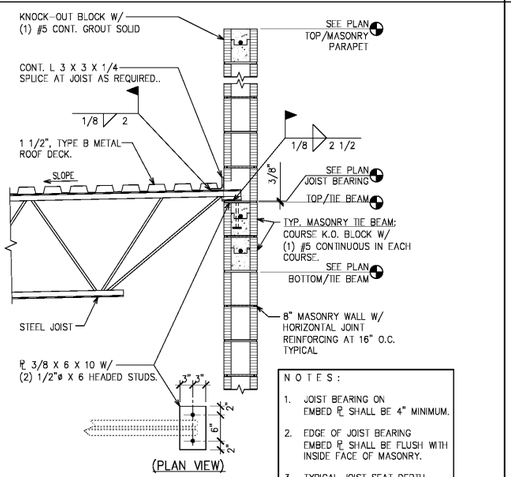
2 ROOF OPENING
NOT TO SCALE



3 DECK REINFORCEMENT AT UNFRAMED ROOF OPENING
NOT TO SCALE

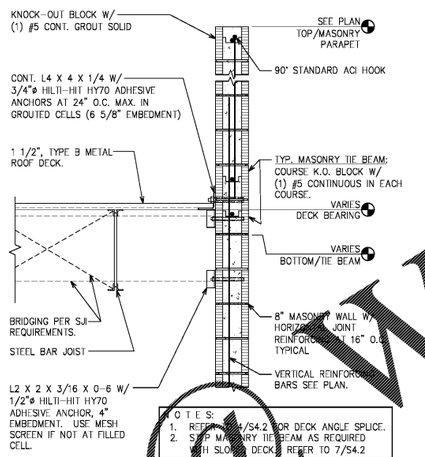


4 DECK ANGLE SPLICE
SCALE: 1 1/2" = 1'-0"



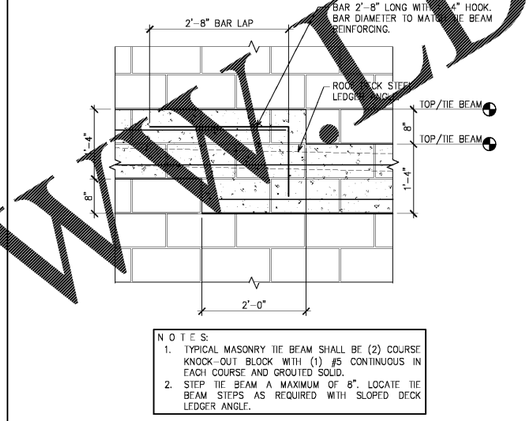
NOTES:
1. JOIST BEARING ON EMBED ℄ SHALL BE 4" MINIMUM.
2. EDGE OF JOIST BEARING EMBED ℄ SHALL BE FLUSH WITH INSIDE FACE OF MASONRY.
3. TYPICAL JOIST SEAT DEPTH IS 2 1/2" U.N.O.

5 JOIST BEARING
SCALE: 3/4" = 1'-0"



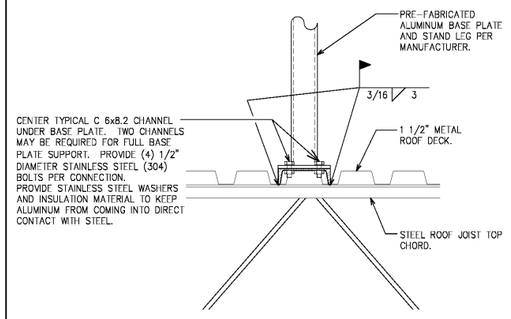
NOTES:
1. REFER TO 4/S4.2 FOR DECK ANGLE SPLICE.
2. STEP MASONRY TIE BEAM AS REQUIRED WITH SLOPED DECK. REFER TO 7/S4.2

6 DECK BEARING
SCALE: 3/4" = 1'-0"

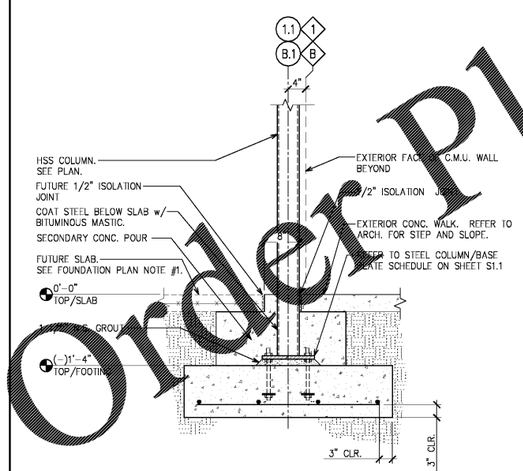


NOTES:
1. TYPICAL MASONRY TIE BEAM SHALL BE (2) COURSE KNOCK-OUT BLOCK WITH (1) #5 CONTINUOUS IN EACH COURSE AND GROUTED SOLID.
2. STEP TIE BEAM A MAXIMUM OF 8". LOCATE TIE BEAM STEPS AS REQUIRED WITH SLOPED DECK LEDGER ANGLE.

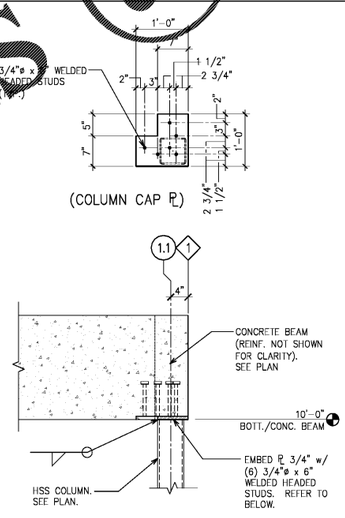
7 MASONRY TIE BEAM – STEP
NOT TO SCALE



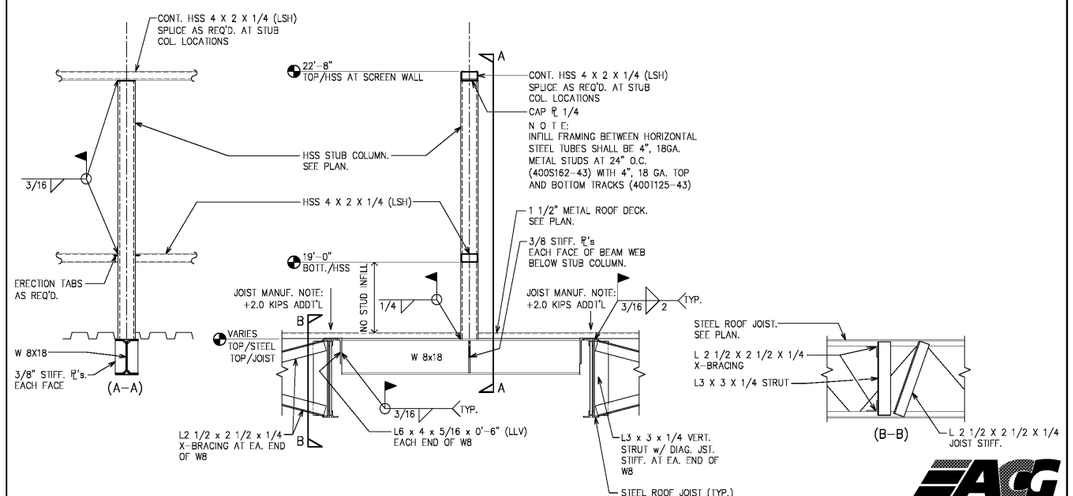
8 CONDENSING UNIT SUPPORT DETAIL
SCALE: 1 1/2" = 1'-0"



9 STEEL COLUNM FOUNDATION
SCALE: 3/4" = 1'-0"



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



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

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