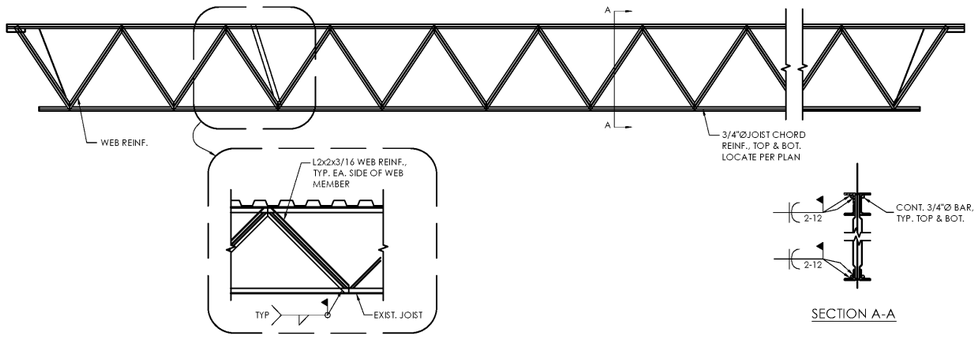
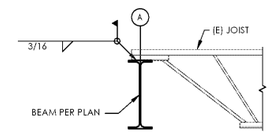


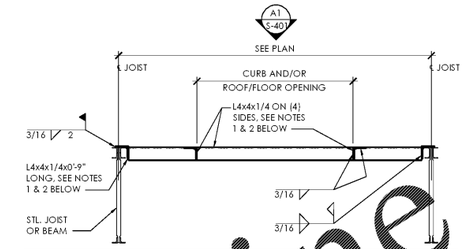
D3 Typical Joist Reinforcement Detail

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



B3 Section

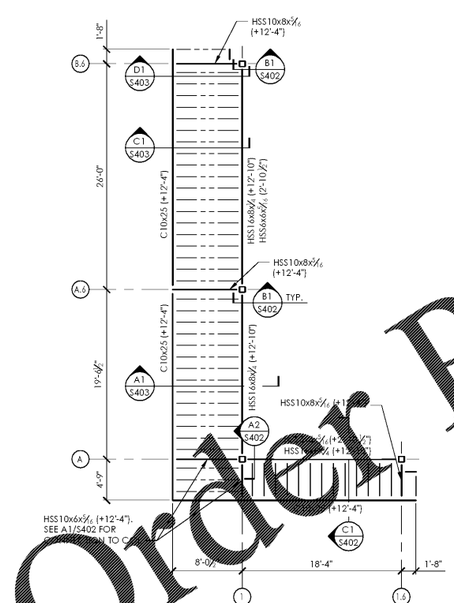
SCALE: 3/4" = 1'-0"



NOTES:
1. USE THIS DETAIL FOR MAX. 6'-0" SPACING AND MAX. 300# EQUIPMENT WEIGHT.
2. USE L5x5x1/4 LLV SUPPORTS FOR LARGER JOIST SPACING OR EQUIPMENT.
3. THIS DETAIL IS TYPICAL UNDER ALL ROOF TOP EQUIPMENT CURBS, AT ROOF DRAINS AND AT ROOF OPENINGS GREATER THAN 18".
4. ALL WELDING TO JOISTS SHALL BE DONE WITH CARE SO AS NOT TO DAMAGE THE JOISTS.
5. VERIFY LOCATION, QUANTITY, SIZE AND WEIGHT W/MECHANICAL CONTRACTOR. REPORT ANY VARIATION FROM THAT SHOWN ON PLAN TO STRUCTURAL ENGINEER BEFORE PROCEEDING WITH WORK.

A3 Typical Detail At Roof Opening

SCALE

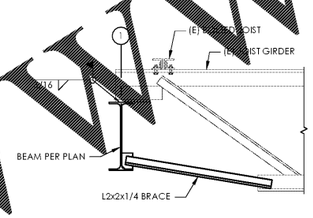


D1 Canopy Framing Plan

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

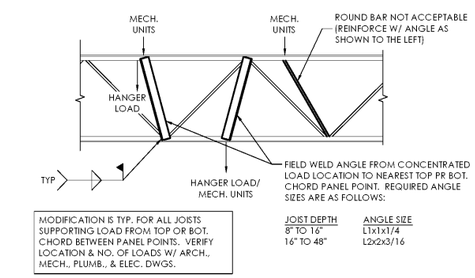
COLUMN SCHEDULE

COLUMN MARK	A	A.6	B.6	C	C.3	C.7	D	D.8	A
	1								1.6
LOW JOIST BEARING DATUM ELEV (+15-1")									
FINISHED FLOOR: DATUM ELEV (0'-0")	HSS8x8x5/16	HSS8x8x5/16	HSS8x8x5/16	HSS8x8x5/16	HSS8x8x5/16	HSS6x6x5/16	HSS8x8x5/16	HSS8x8x5/16	HSS8x8x5/16
BASE PLATE SIZE & TYPE	3/4" x 14" x 14" (B2/S301)	3/4" x 14" x 14" (B2/S301)	3/4" x 14" x 14" (B2/S301)	3/4" x 14" x 14" (B2/S301)	3/4" x 14" x 14" (B2/S301)	3/4" x 12" x 12" (B2/S301)	3/4" x 14" x 14" (B2/S301)	3/4" x 14" x 14" (B2/S301)	3/4" x 14" x 14" (B2/S301)



B2 Section

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

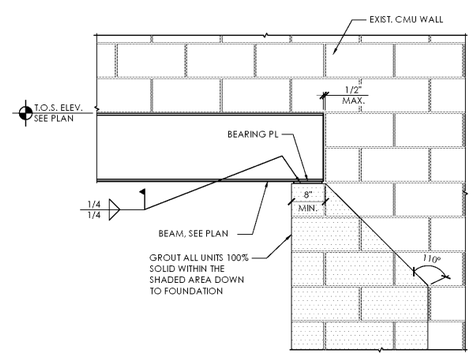


MODIFICATION IS TYP. FOR ALL JOISTS SUPPORTING LOAD FROM TOP OR BOT. CHORD BETWEEN PANEL POINTS. VERIFY LOCATION & NO. OF LOADS W/ ARCH., MECH., PLUMB., & ELEC. DWGS.

JOIST DEPTH	ANGLE SIZE
8" TO 16"	L1x1x1/4
16" TO 48"	L2x2x3/16

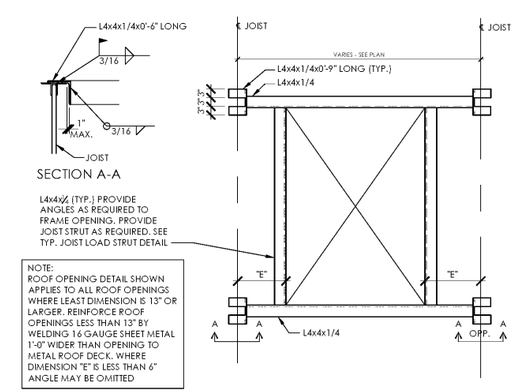
A2 Typical Joist Reinforcement Detail

NO SCALE



B1 Section

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



NOTE:
ROOF OPENING DETAIL SHOWN APPLIES TO ALL ROOF OPENINGS WHERE LEAST DIMENSION IS 13" OR LARGER. REINFORCE ROOF OPENINGS LESS THAN 13" BY WELDING 16 GAUGE SHEET METAL 1'-0" WIDER THAN OPENING TO METAL ROOF DECK. WHERE DIMENSION "E" IS LESS THAN 6" ANGLE MAY BE OMITTED

A1 Typical Detail At Roof Opening

NO SCALE

Issued:		Date:
A	Client Review Set	02/15/19
B	Bid Set	03/08/19
C		
D		

Revisions		Date:
1		
2		
3		
4		
5		
6		
7		
8		

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3 2 1