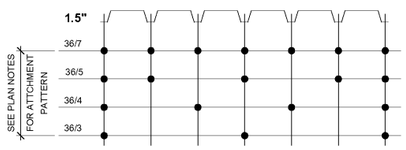
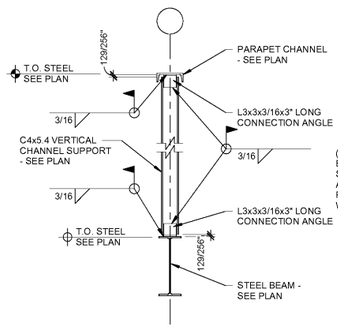
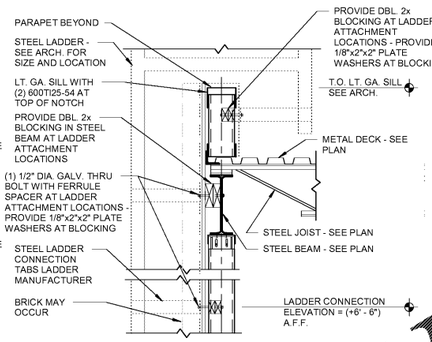
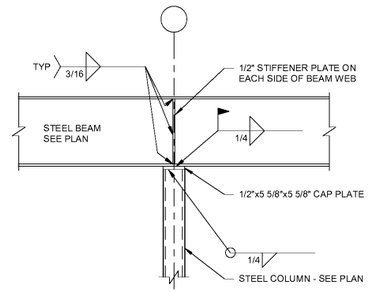
METAL ROOF DECK SHALL BE SUPPLIED IN 36" WIDTHS. ROOF DECK SHALL BE ATTACHED TO EACH SUPPORT BY FASTENING IN ACCORDANCE WITH FASTENER PATTERN NOTED ON DRAWINGS. SEE SCHEDULE BELOW FOR APPLICABLE FASTENING PATTERN. FASTEN ROOF DECK TO MAIN SUPPORTS WITH 5/8" DIA. PUDDLE WELDS. METAL ROOF DECK SIDELAPS SHALL BE ATTACHED WITH INDICATED NUMBER OF SIDELAP FASTENERS BETWEEN SUPPORTS AS NOTED ON DRAWINGS. SIDELAP FASTENER SHALL BE #12 DRILL-POINT SELF-TAPPING SCREWS. MINIMUM SIDELAP ATTACHMENT SHALL BE ONE FASTENERS AT MIDPOINT OF DECK SPAN BETWEEN SUPPORTS. ATTACHMENT AT PERIMETER OF DECK SHALL BE EQUAL TO ATTACHMENT AT DECK SHEET LAPS AND DECK SHEET ENDS. ANY PARTIAL OR SKEWED SHEETS SHALL BE ATTACHED AT EVERY FLUTE REGARDLESS OF DECK WELD PATTERN.



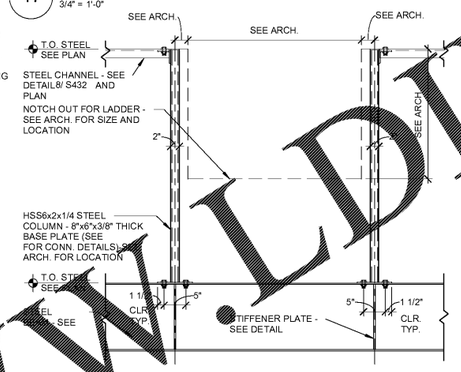
15 TYPICAL ROOF DECK ATTACHMENT DETAIL
3/4" = 1'-0"



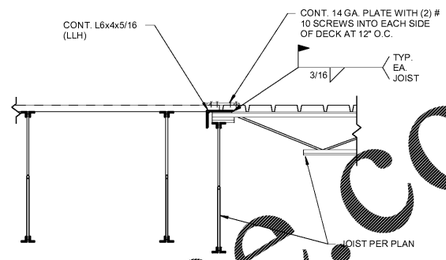




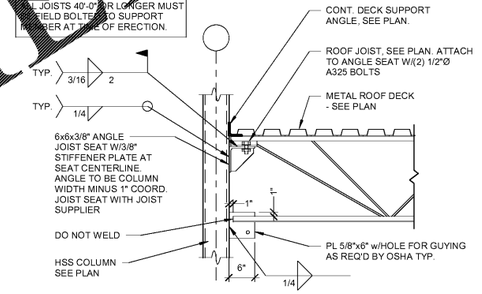
17 BEAM TO COLUMN CONNECTION DETAIL
3/4" = 1'-0"



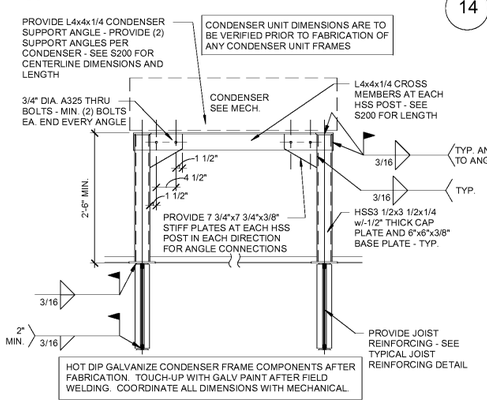
12 LADDER NOTCH DETAIL
3/4" = 1'-0"



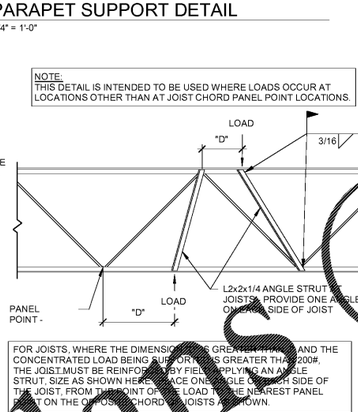
16 DECK DIRECTION CHANGE SECTION
3/4" = 1'-0"



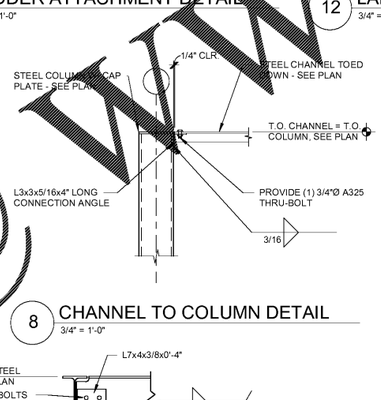
11 ROOF JOIST TO COLUMN CONNECTION
3/4" = 1'-0"



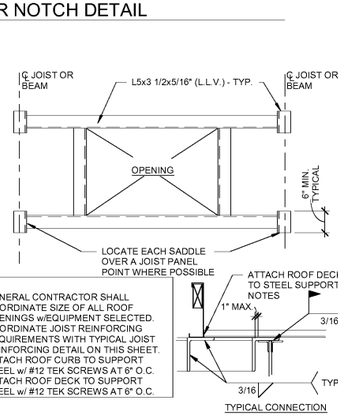
10 CONDENSER SUPPORT DETAIL
3/4" = 1'-0"

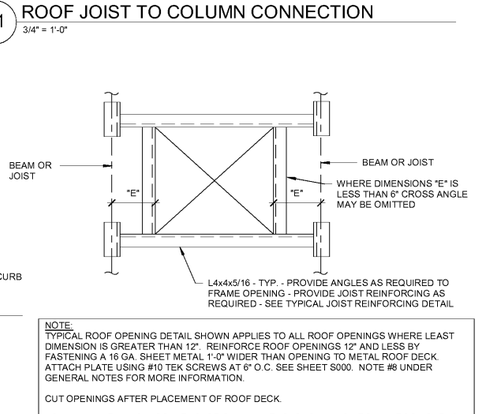


9 TYPICAL JOIST REINFORCING DETAIL
3/4" = 1'-0"

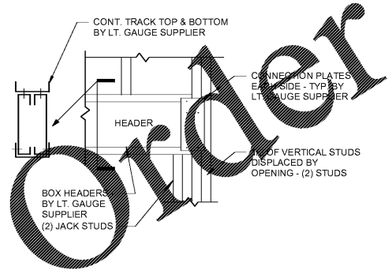


8 CHANNEL TO COLUMN DETAIL
3/4" = 1'-0"

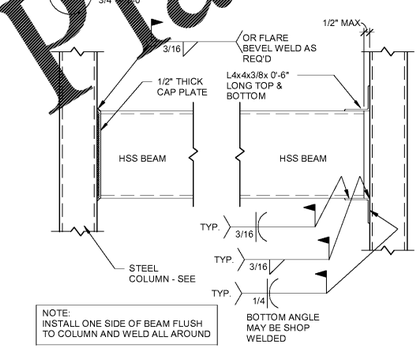




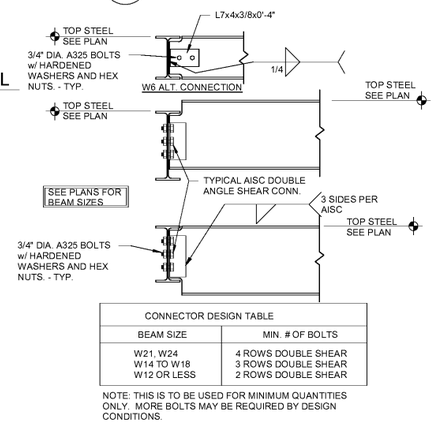
6 TYP. ROOF OPENING FRAMING DETAIL
3/4" = 1'-0"



5 LIGHT GAGE BOX HEADER
3/4" = 1'-0"



4 HSS BEAM TO COLUMN DETAILS
3/4" = 1'-0"

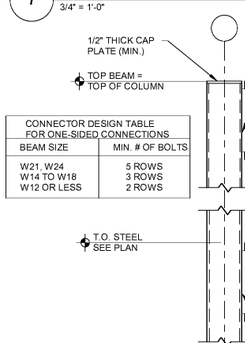


CONNECTOR DESIGN TABLE	
BEAM SIZE	MIN. # OF BOLTS
W21, W24 W14 TO W18 W12 OR LESS	4 ROWS DOUBLE SHEAR 3 ROWS DOUBLE SHEAR 2 ROWS DOUBLE SHEAR

NOTE: THIS IS TO BE USED FOR MINIMUM QUANTITIES ONLY. MORE BOLTS MAY BE REQUIRED BY DESIGN CONDITIONS.

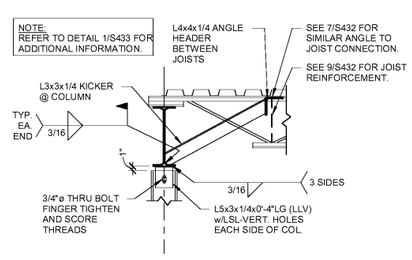
NOTE: W21 TO W14 FRAMING TO USE 3 ROWS DOUBLE SHEAR IN DOUBLE ANGLE CONNECTION.

3 BEAM TO BEAM FRAMING DETAILS
3/4" = 1'-0"



CONNECTOR DESIGN TABLE FOR ONE-SIDED CONNECTIONS	
BEAM SIZE	MIN. # OF BOLTS
W21, W24 W14 TO W18 W12 OR LESS	5 ROWS 3 ROWS 2 ROWS

7 RTU SUPPORT FRAMING DETAIL
3/4" = 1'-0"



2 TYP. BEAM TO COLUMN CONN. DETAILS
3/4" = 1'-0"

1 WIND COL. SLIP CONN.
3/4" = 1'-0"

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DESIGN PROFESSIONALS
HILLFOLEYROSSI & ASSOCIATES
ARCHITECTURE
ENGINEERING
3680 Pleasant Hill Road
Suite 200
Duluth, Georgia 30096
p 770.622.9858
f 770.622.9535
www.hillfoleyrossi.com

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ATLANTA, GEORGIA 30339
(770) 431-7600

PROJECT NAME
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5780 PEACHTREE PKWY
PEACHTREE CORNERS, GA

RACETRAC STORE NUMBER
1201

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09/04/18

PROJECT NUMBER
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TYPICAL STEEL DETAILS

SHEET NUMBER
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