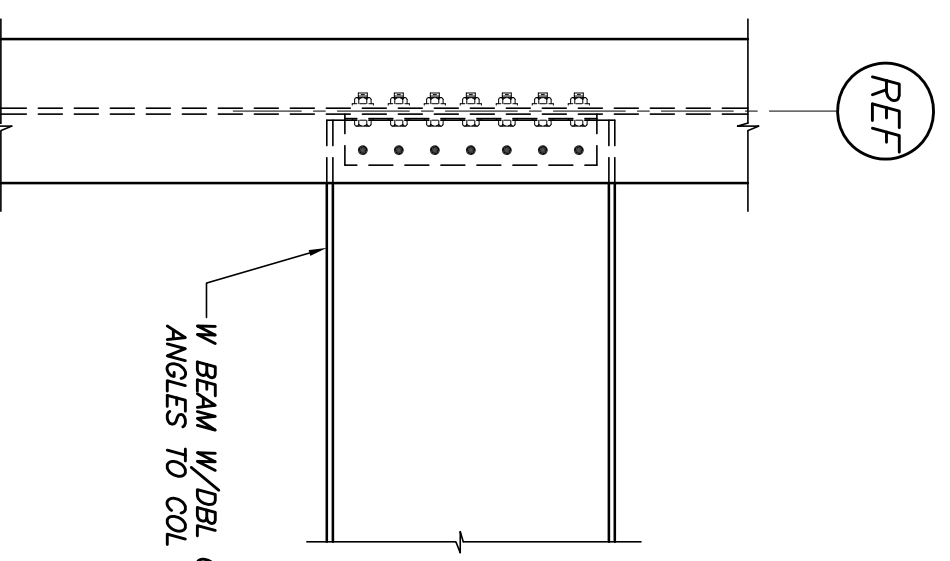
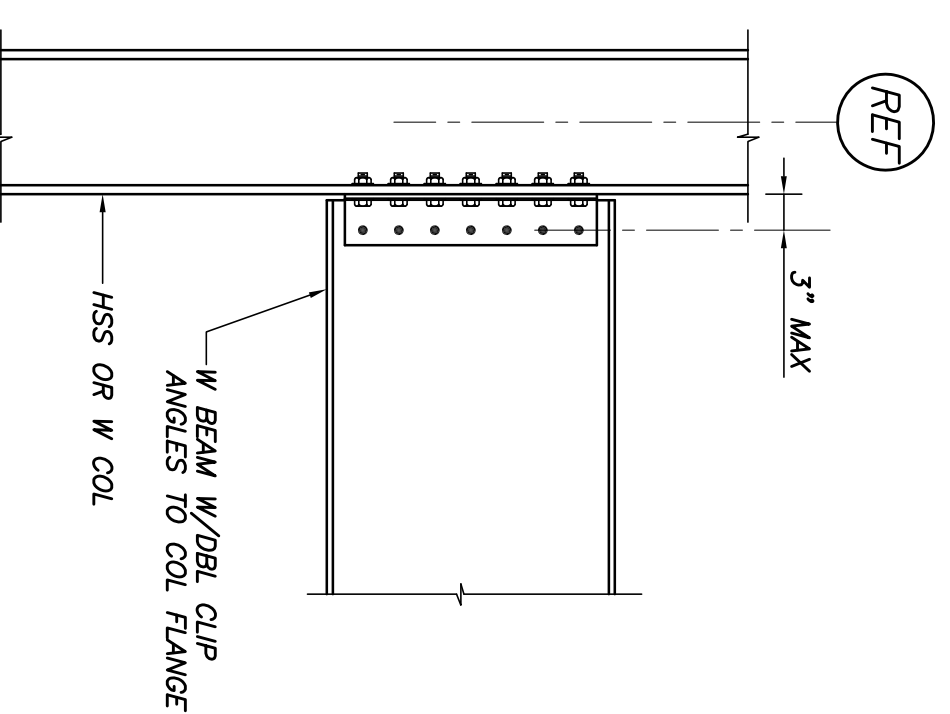
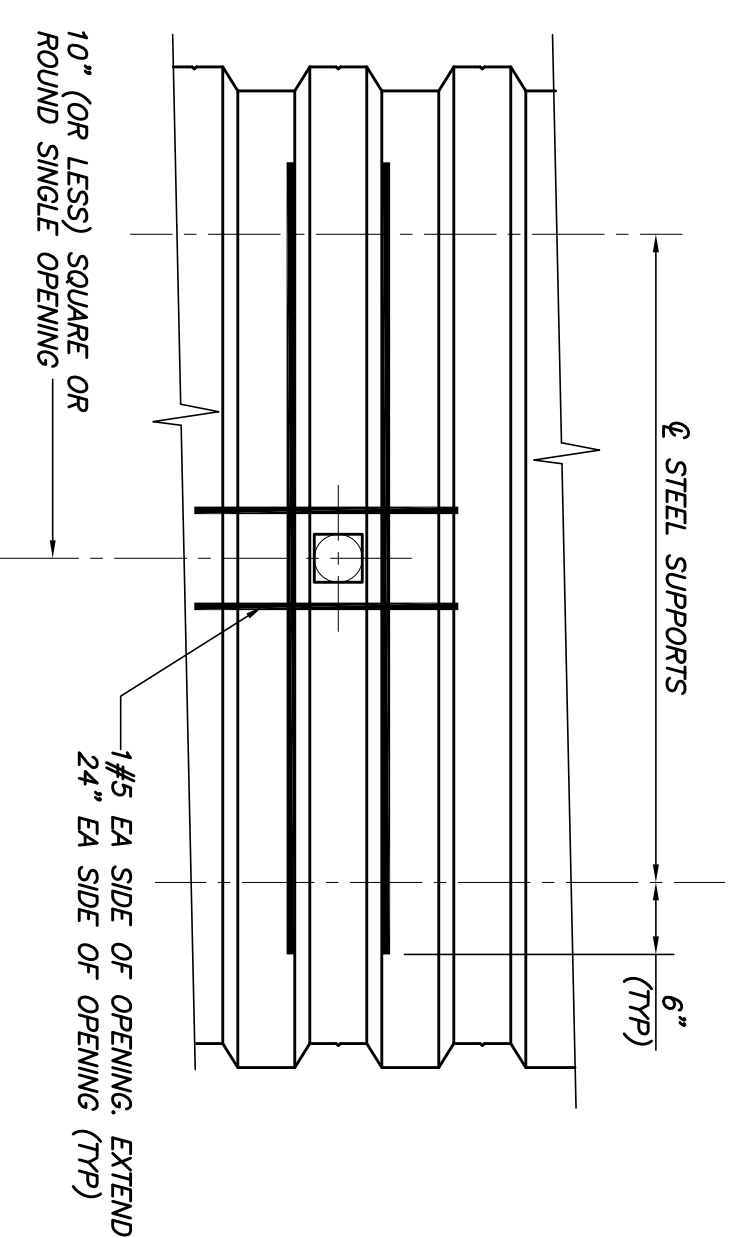


TYP BEAM TO HSS COL CONN U.N.O.
N.T.S.



TYP BEAM/COL CONN DETAILS
N.T.S.



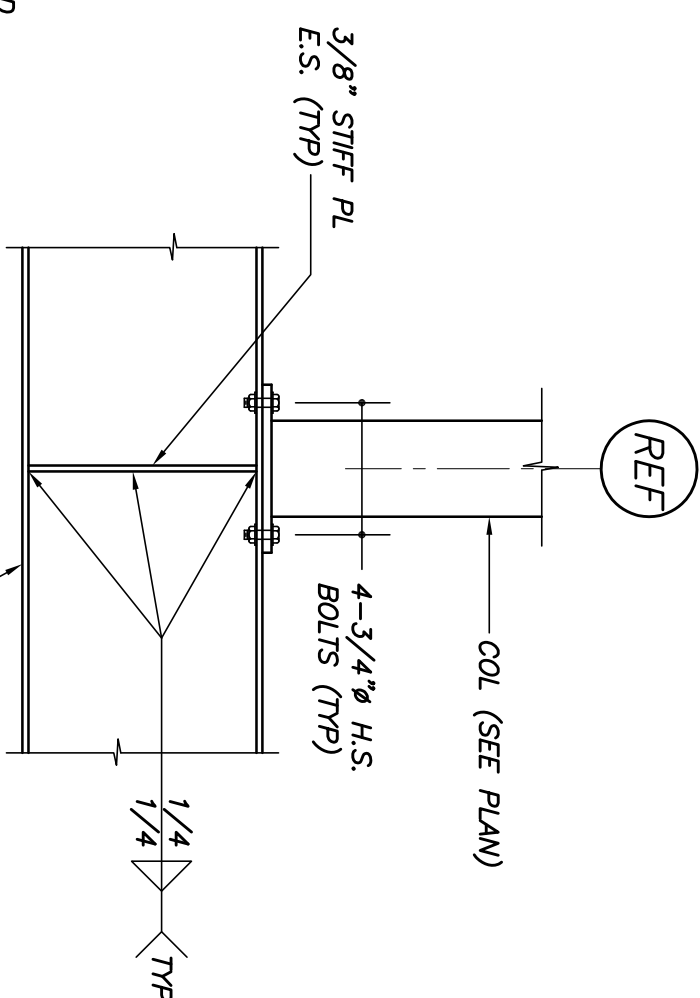
PLAN OF TYP OPENING IN
COMPOSITE FLOOR DECK
N.T.S.

BEAM SIZE	DESIGN REACTION	MINIMUM NO BOLTS 1 SIDED CONNECTION	MINIMUM NO BOLTS 2 SIDED CONNECTION
W8	10K	2	2
W10	25K	2	2
W14	40K	3	3
W16	45K	4	3
W18*	70K	5	4

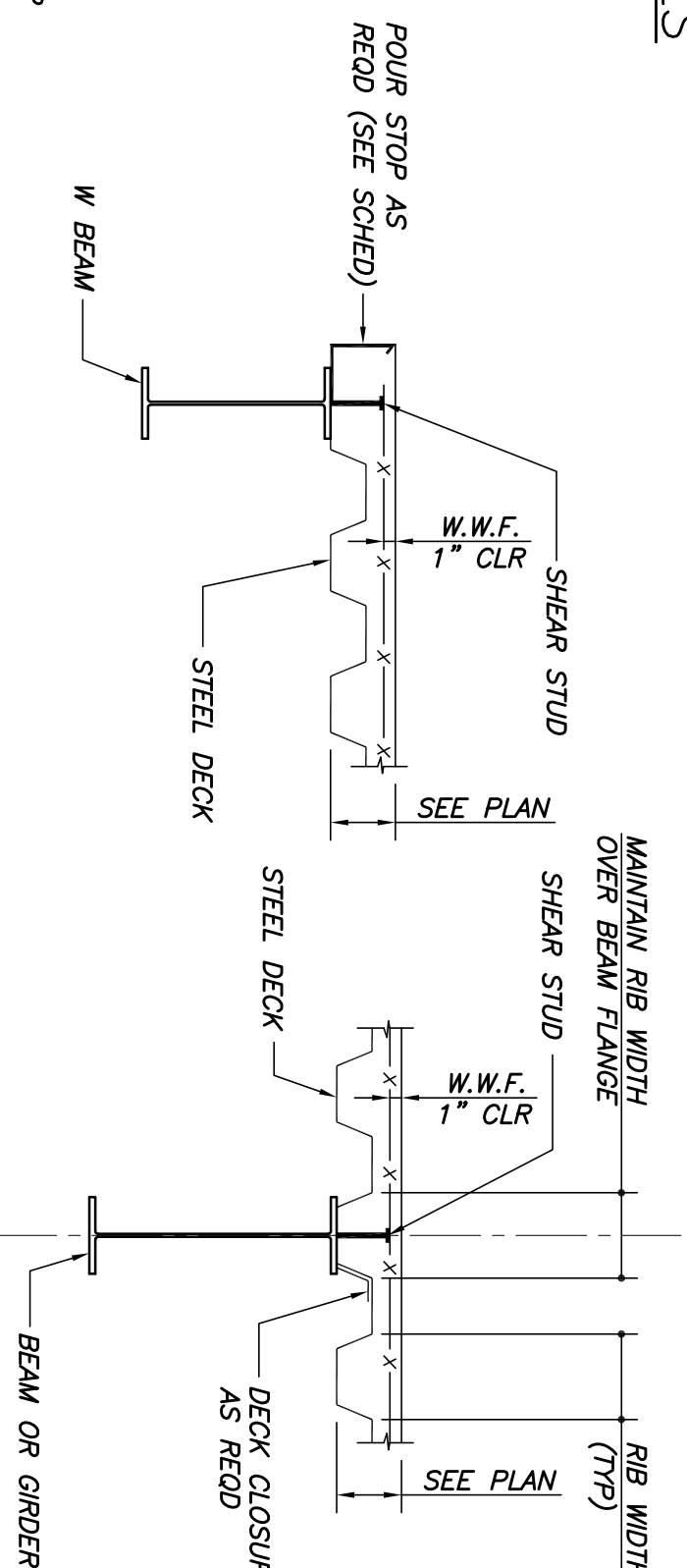
* DESIGN REACTION IS 100K @ W18x46

SIMPLE SHEAR CONNECTIONS NOTES:

1. SIMPLE SHEAR CONNECTIONS SHALL BE SELECTED FROM THE AISC "MANUAL OF STEEL CONSTRUCTION, THIRTEENTH EDITION" USING THE ABOVE REFERENCED REACTIONS AND CRITERIA. REACTIONS INDICATED ARE UNFACTORED (SERVICE LEVEL LOADS). FOR LOAD REQUIREMENTS FOR LOAD REQUIREMENTS REFERENCED IN THE "MINIMUM" SECTIONS ABOVE MAY BE REQUIRED.
2. CONNECTIONS ARE SUBJECT TO REVIEW ON THE STEEL SHOP DRAWINGS. MIN 3/4" MINIMUM WELD SIZE SHALL BE 5/16". MINIMUM MATERIAL SIZE FOR PLATES OR ANGLES SHALL BE 3/8".
3. ONE SIDED CONNECTIONS INCLUDE SINGLE PLATES AND SINGLE ANGLE CONNECTIONS.
4. TWO SIDED CONNECTIONS INCLUDE DOUBLE ANGLE AND END PLATE CONNECTIONS.



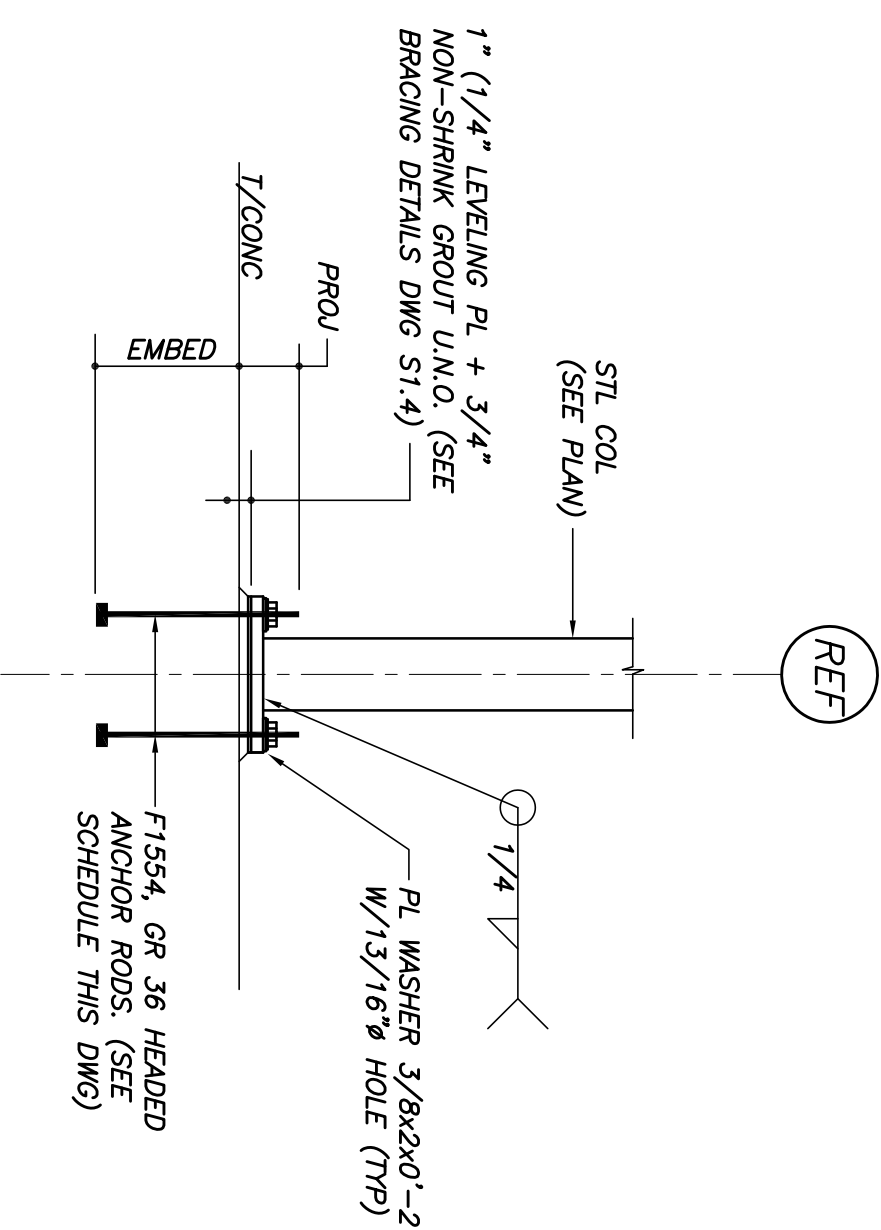
TYP COL TRANSFER DETAIL
N.T.S.



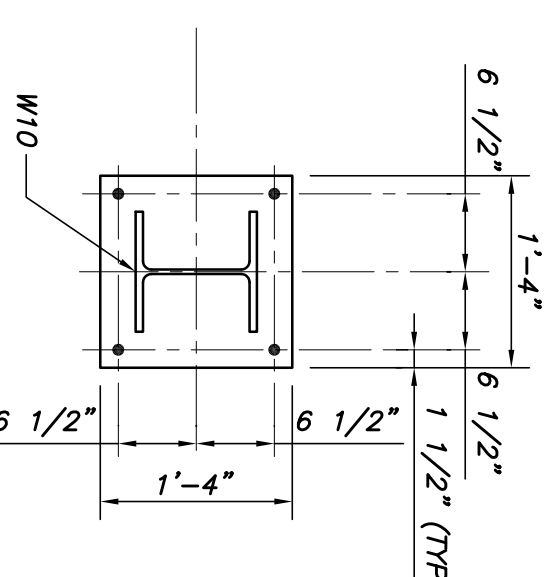
TYP COMPOSITE DECK DETAILS
N.T.S.

SEE ABOVE DWGS FOR INSULATION & MASONRY BARRIER REQUIREMENTS

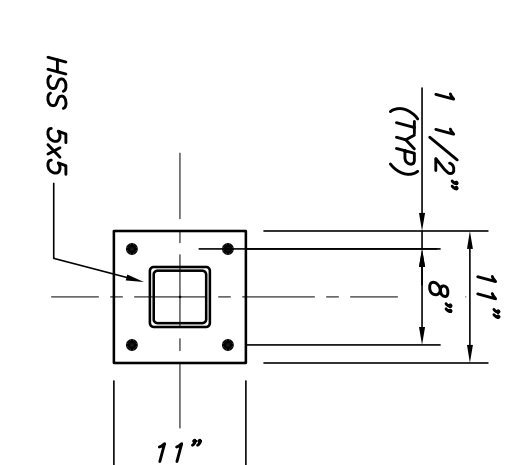
POUR STOP SCHEDULE	POUR STOP GAGE
OVERHANG	14 GA
<3"	12 GA
3"-6"	10 GA
7"-9"	SEE SECTIONS & DETAILS
>9"	



TYP COL BASE DETAIL U.N.O.
N.T.S.



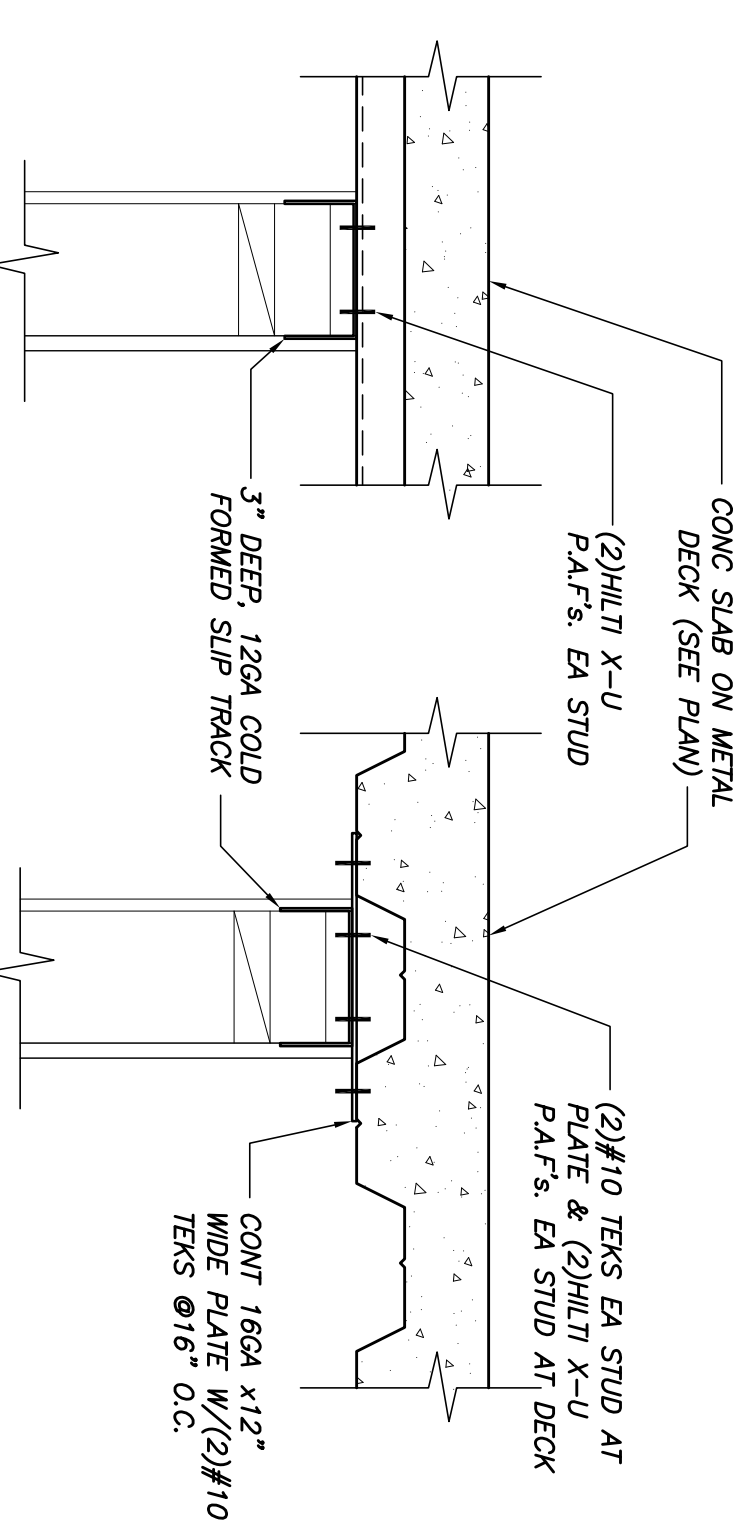
PL 3/4x16x1'-4"
W/(4)-1 5/16" HOLES FOR
W/(4)-3/4" GR 36 ANCHOR RODS
W/1/2" EMBED & 6" PROU



PL 1x11x0'-11"
W/(4)-1 5/16" HOLES FOR
W/(4)-3/4" GR 36 ANCHOR RODS
W/1/2" EMBED & 6" PROU

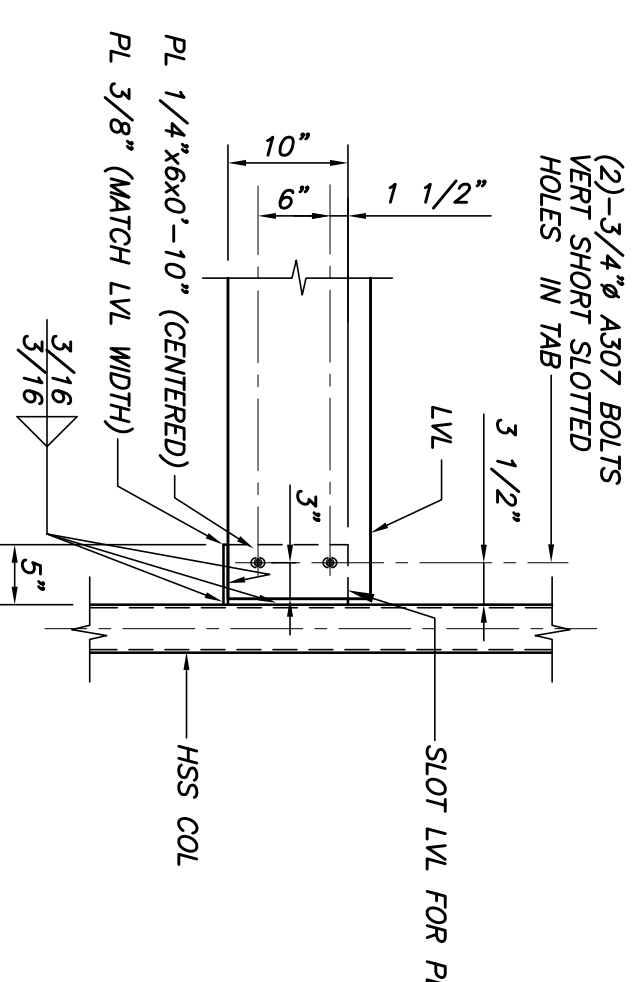
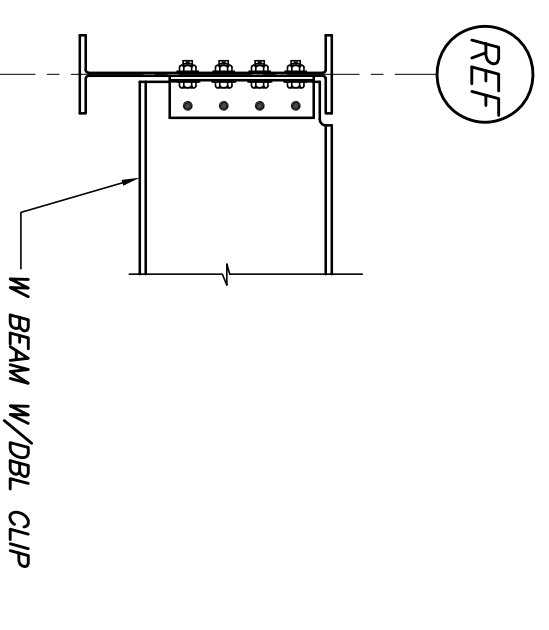
BP-A

BP-B

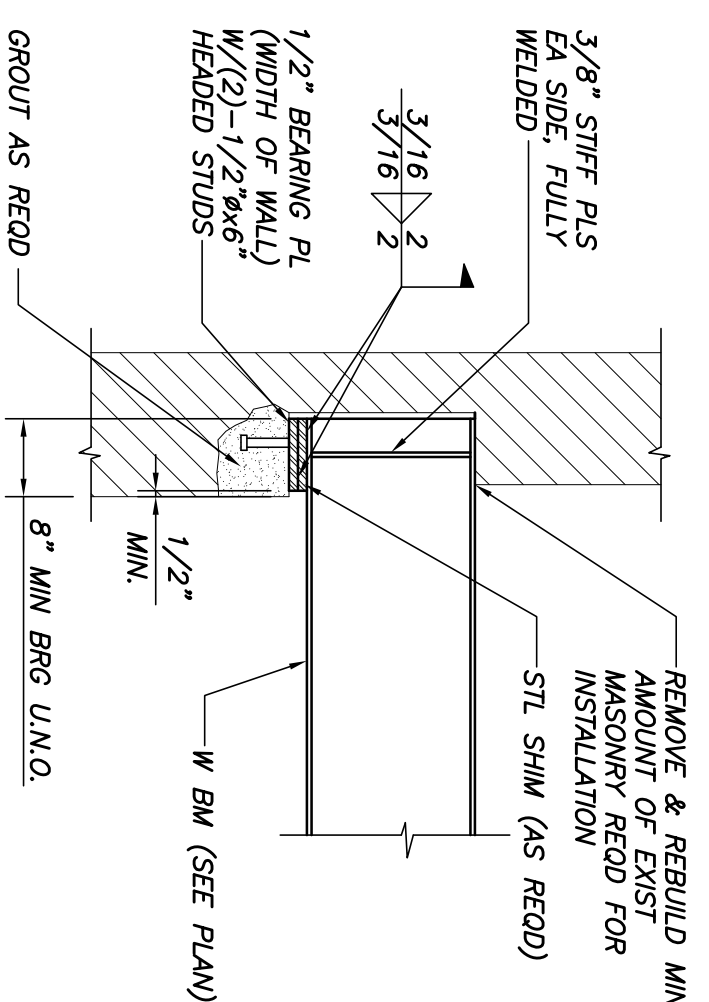


TYP DEFLECTION TRACK DETAIL
AT UNDERSIDE OF METAL DECK
N.T.S.

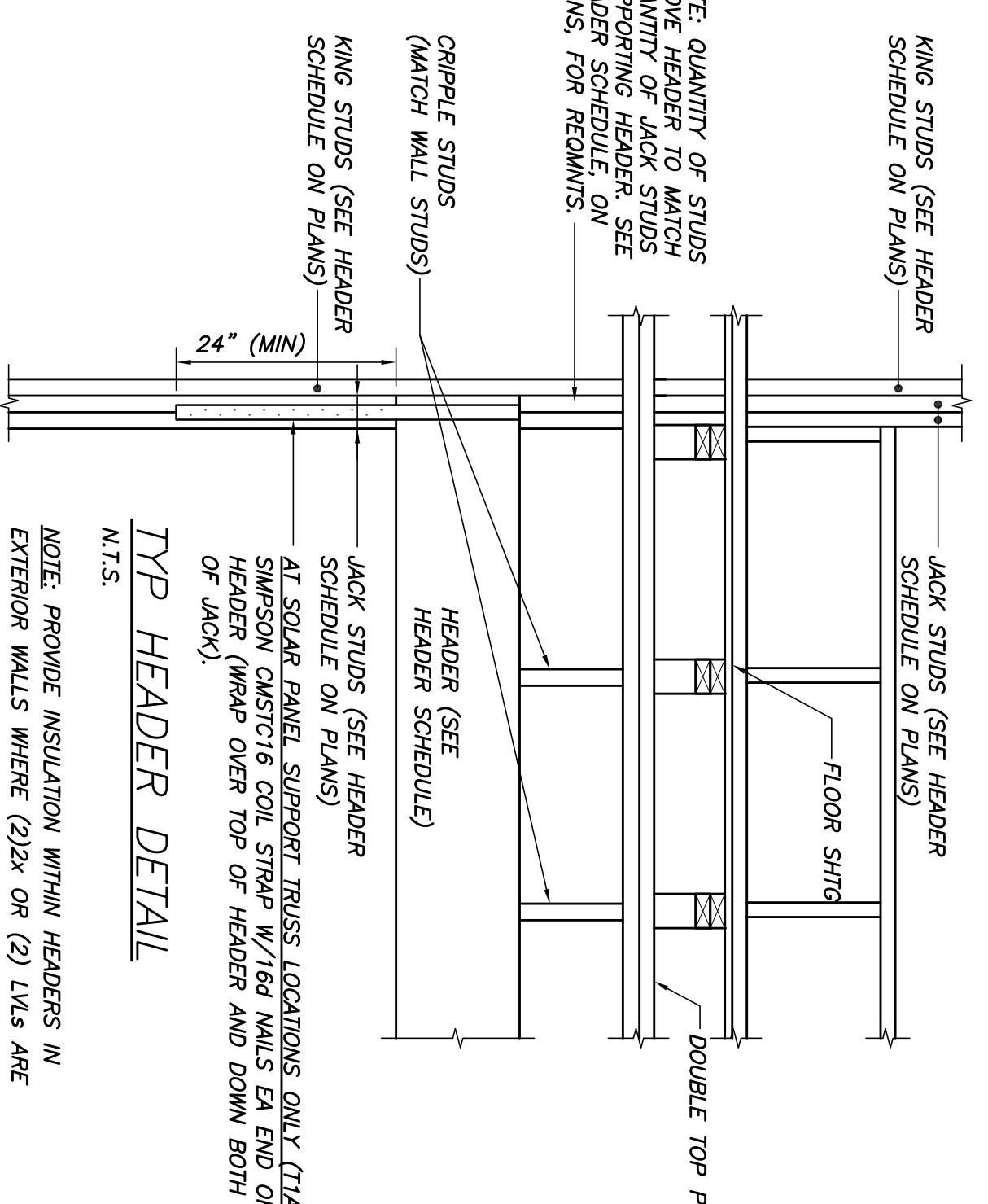
TYP BEAM/BEAM CONN DETAIL
N.T.S.



TYP LVL TO HSS COL CONN
3/4"=1'-0"

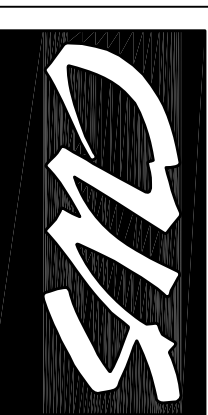


TYP BEAM BRG DETAIL U.N.O.
N.T.S.



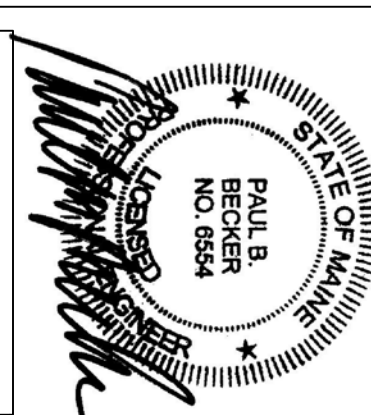
TYP HEADER DETAIL
N.T.S.

NOTE: PROVIDE INSULATION WITHIN HEADERS IN EXTERIOR WALLS WHERE (2)2x OR (2) 2 LVS ARE SPECIFIED. COORDINATE REQUIREMENTS WITH ARCH.

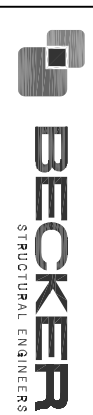


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ELM TERRACE
68 HIGH STREET
PORTLAND, MAINE

Project No: 09428

Framing Sections & Details

Scale: AS NOTED
Date: SEPTEMBER 08, 2011
Revisions:
DRAWING BOARD
WORKSHOP 01-11-2011
PLANNING BOARD
PLANNING BOARD
NAME HOUSING CONCEPT
SUBMISSION 02-01-2011
HISTORIC PRESERVATION
SUBMISSION 03-23-2011
502 WASHINGTONS REVIEW
04-01-2011
902 WASHINGTONS REVIEW
06-03-2011

Drawing Number: S3.1