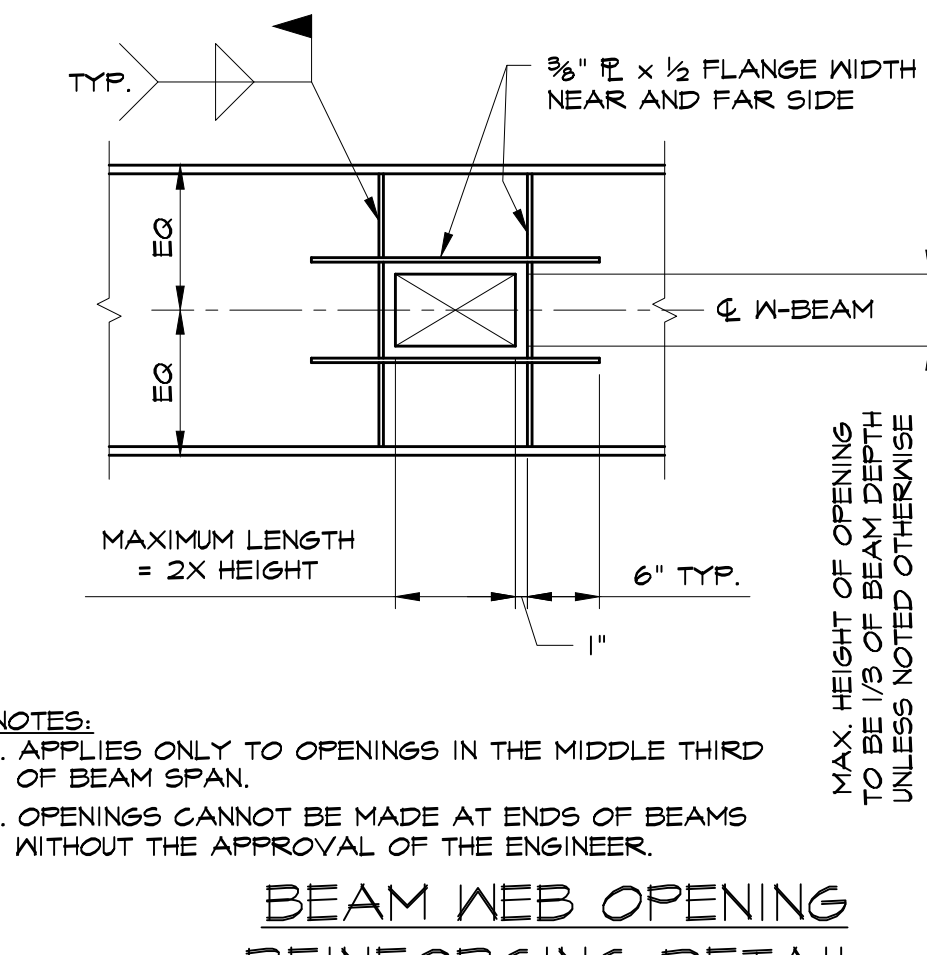
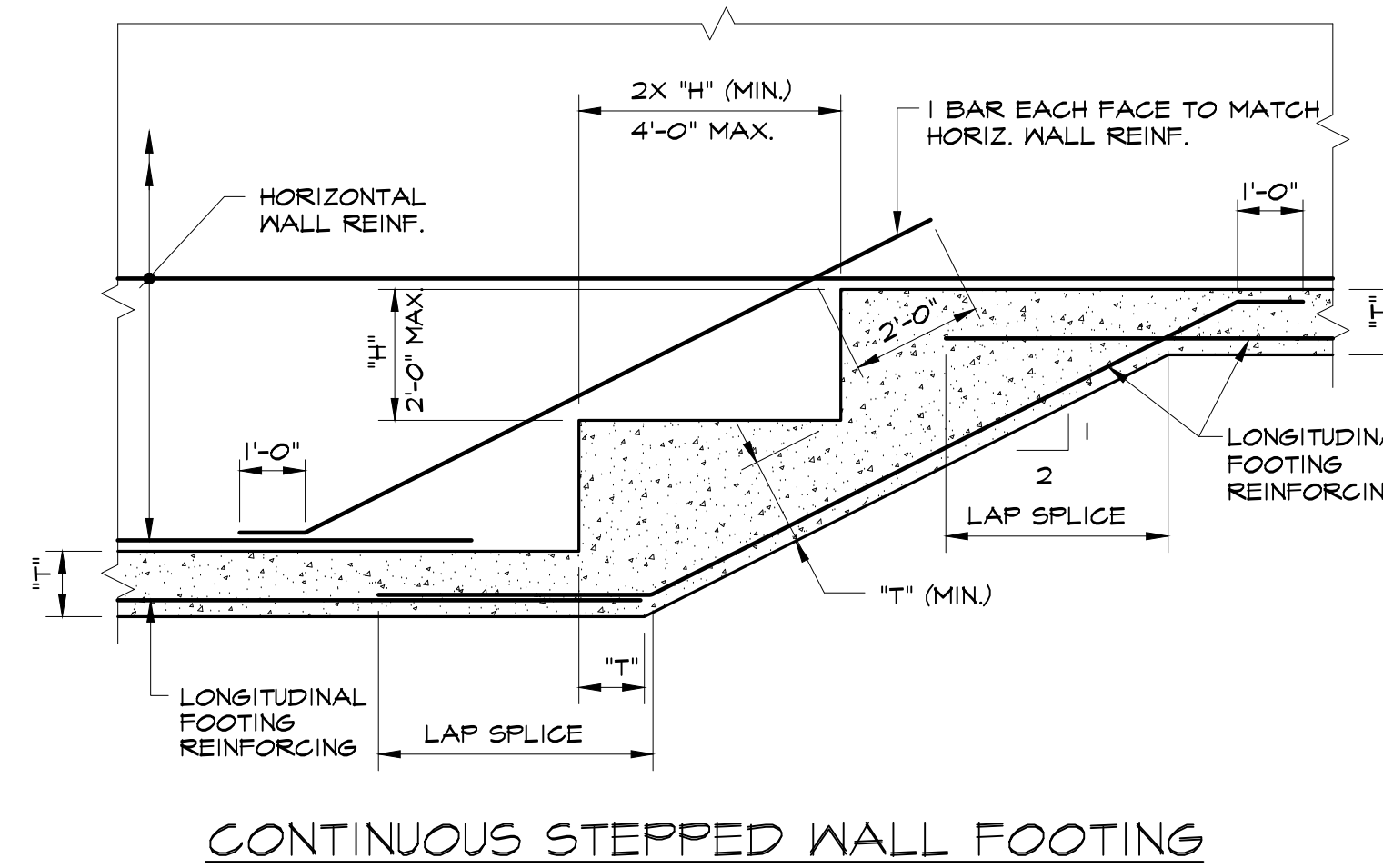
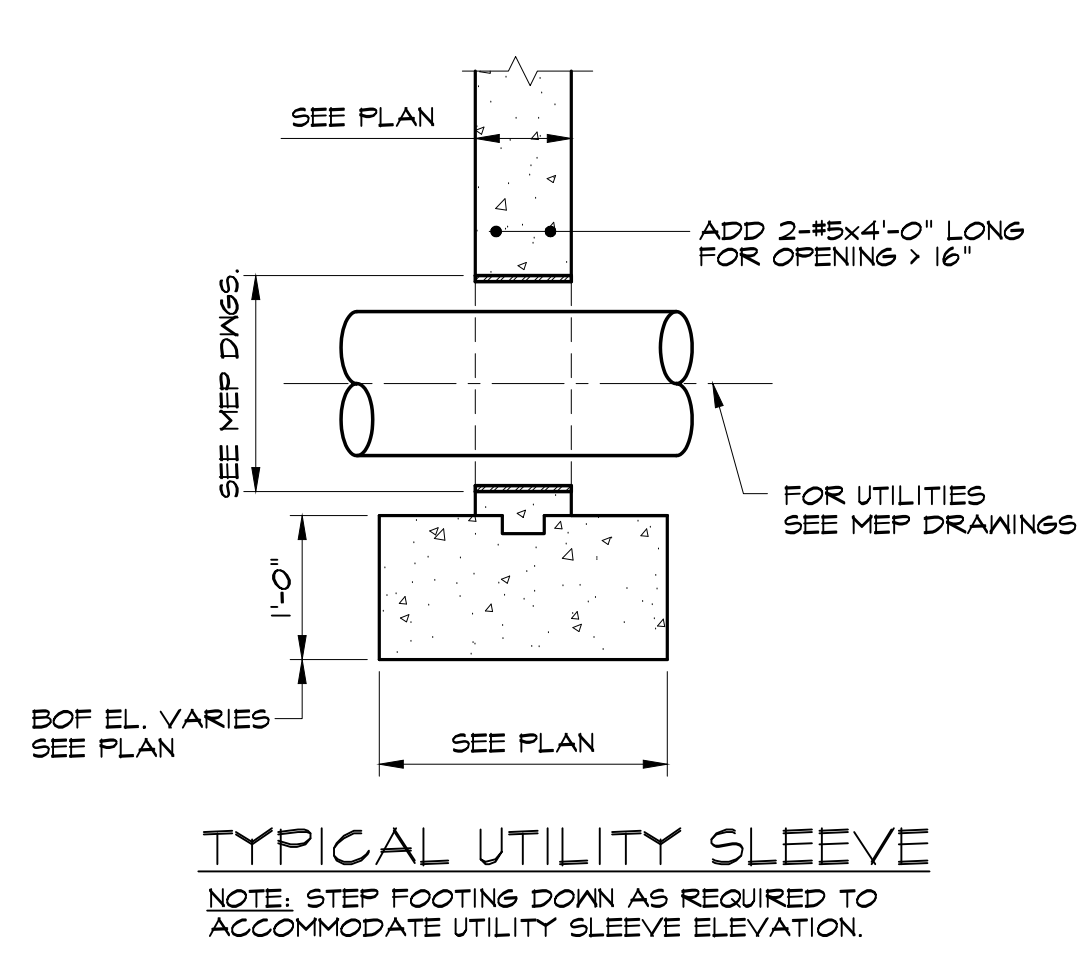
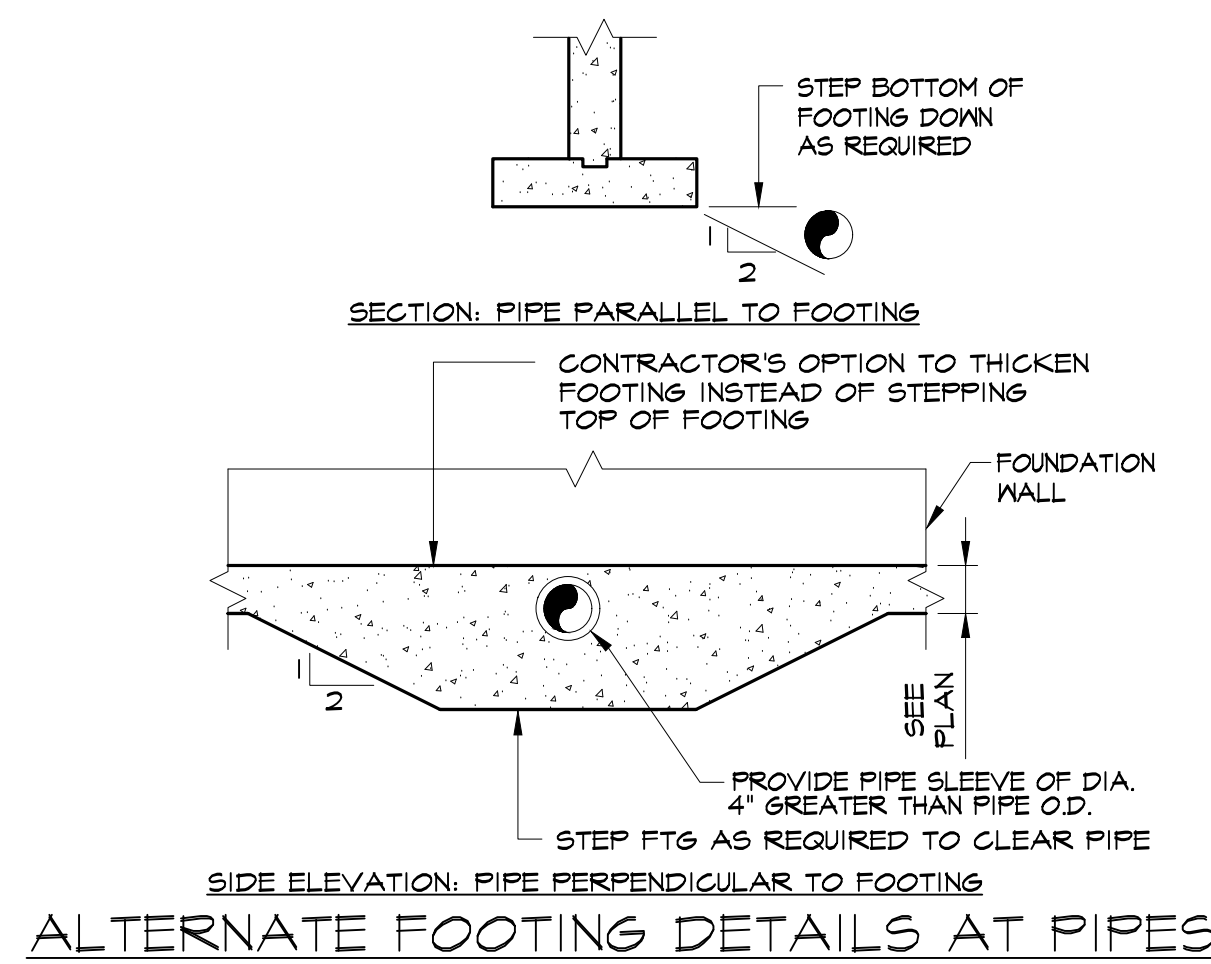


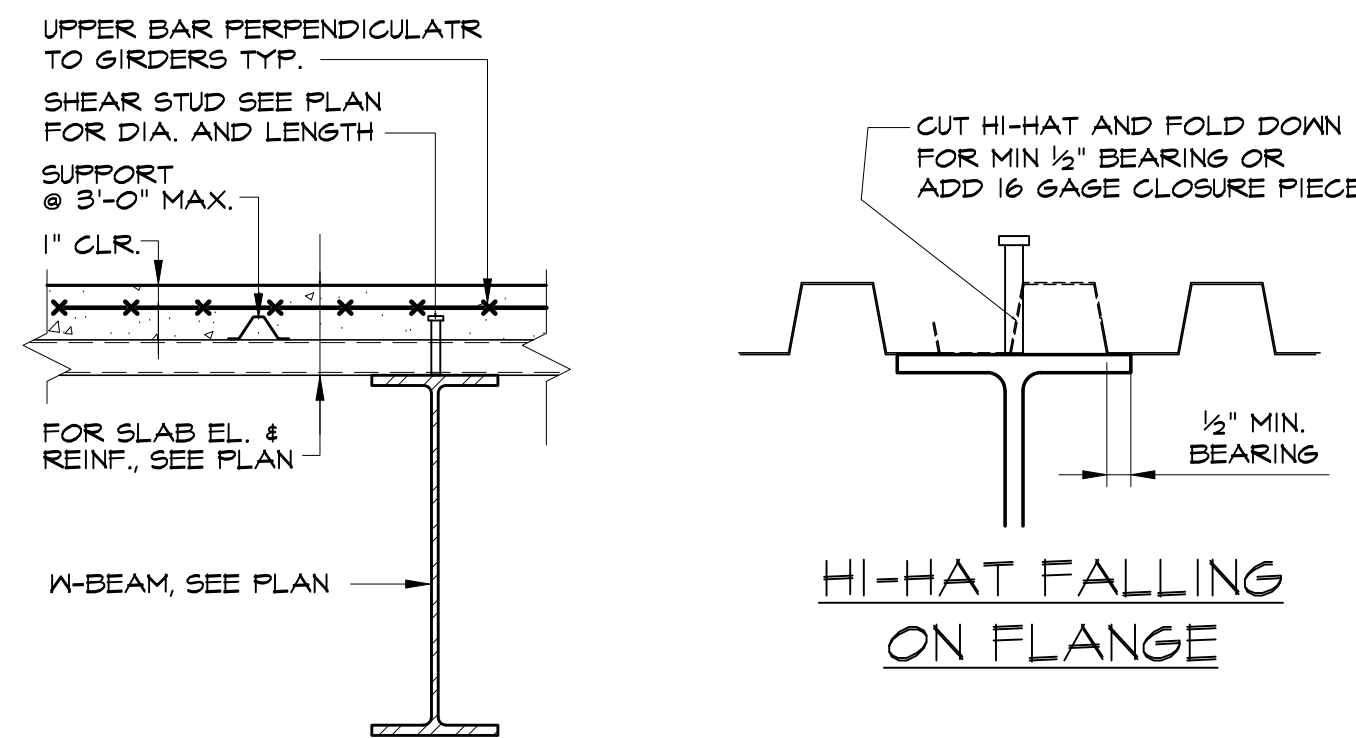
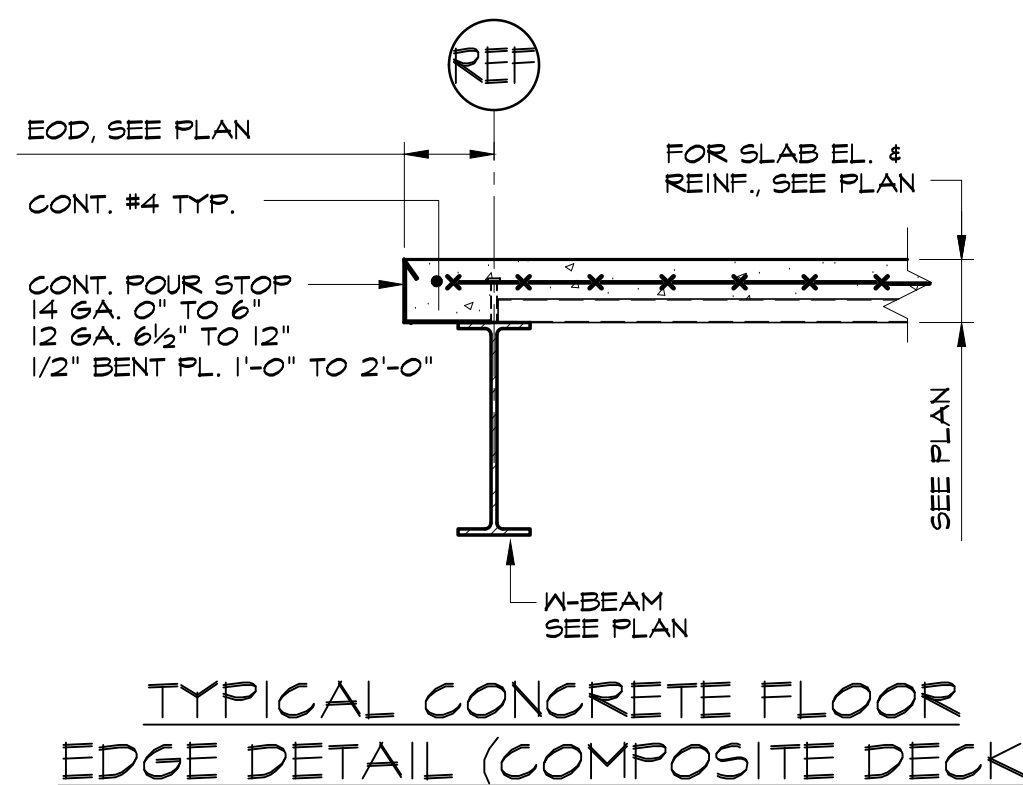
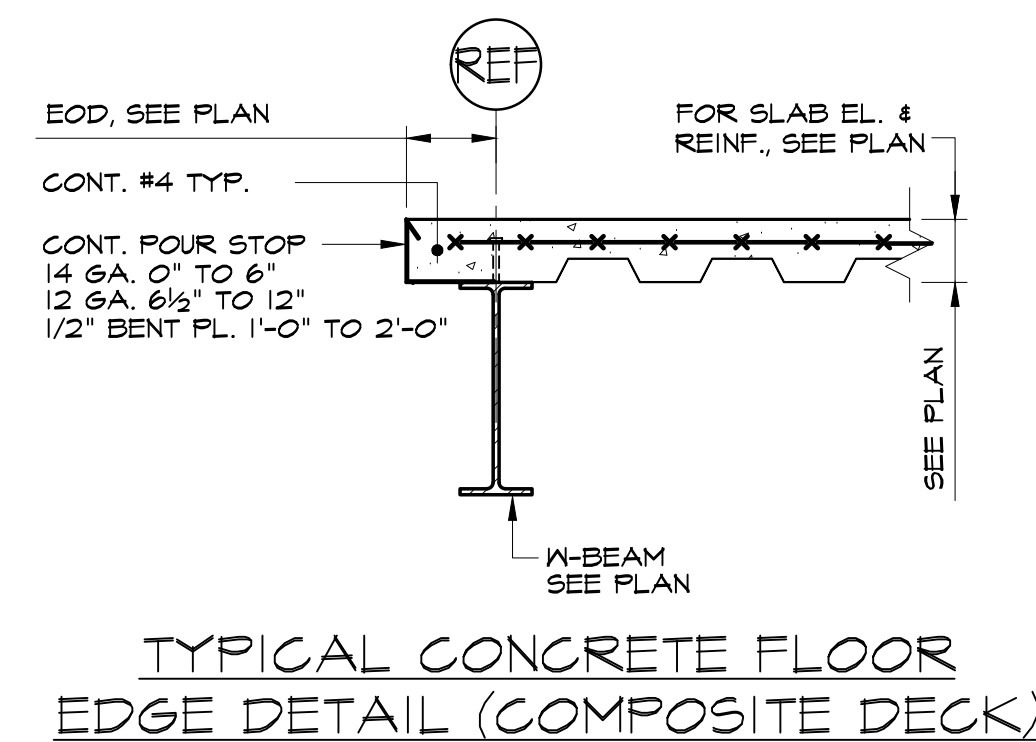
LOOSE LINTEL SCHEDULE			
OPENING	LINTEL	BEARINGS EACH END	REMARKS
3'-6" OR LESS	2x3x3/4	4"	---
OVER 3'-6" THRU 5'-6"	4x3x3/4	6"	LLV
OVER 5'-6" THRU 7'-6"	6x3x3/4	6"	LLV
OVER 7'-6" THRU 9'-6"	8x3x3/4	6"	LLV

- NOTES:
- WHERE ANGLE LINTELS ARE REQUIRED, PROVIDE ONE ANGLE FOR EACH 4" OR LESS THICKNESS OF MASONRY.
 - FOR OPENINGS OVER 6'-0", PROVIDE SOLID MASONRY JAMB UNDER LINTEL AT EACH SIDE OF OPENING.
 - LINTELS INDICATED ON PLAN SUPERSEDE THE REQUIREMENTS OF THIS SCHEDULE.
 - ALL EXTERIOR LINTELS SHALL BE HOT DIPPED GALVANIZED.
 - ALL OTHER LINTELS SHALL BE PRIME PAINTED.

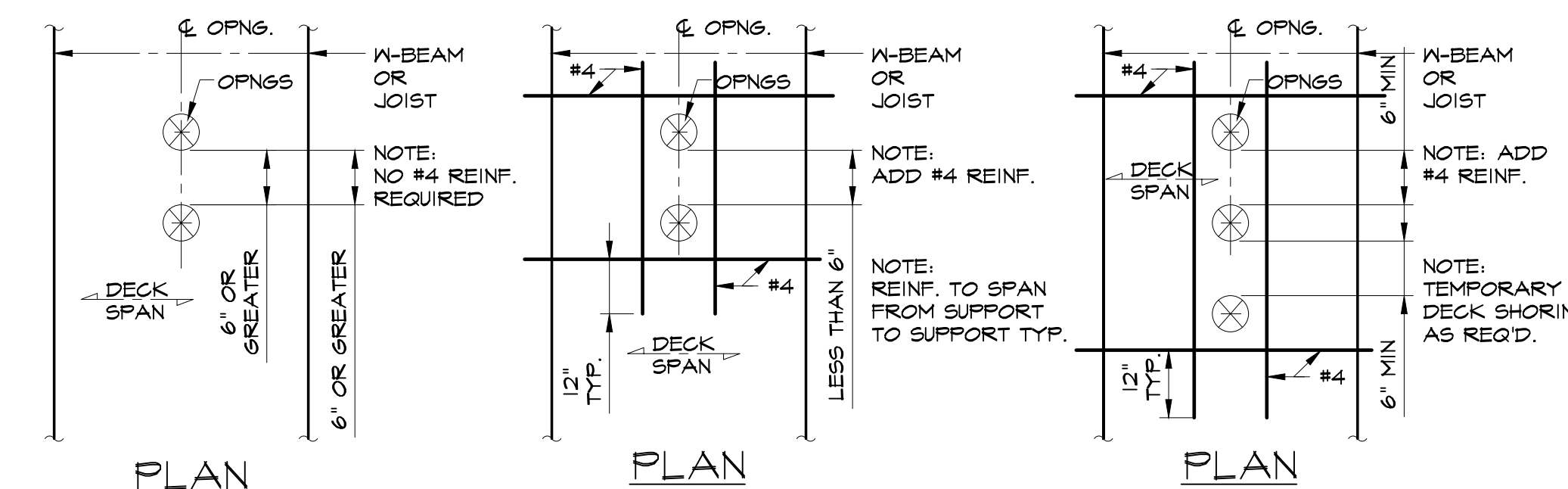


- NOTES:
- APPLIES ONLY TO OPENINGS IN THE MIDDLE THIRD OF BEAM SPAN.
 - OPENINGS CANNOT BE MADE AT ENDS OF BEAMS WITHOUT THE APPROVAL OF THE ENGINEER.

BEAM WEB OPENING REINFORCING DETAIL

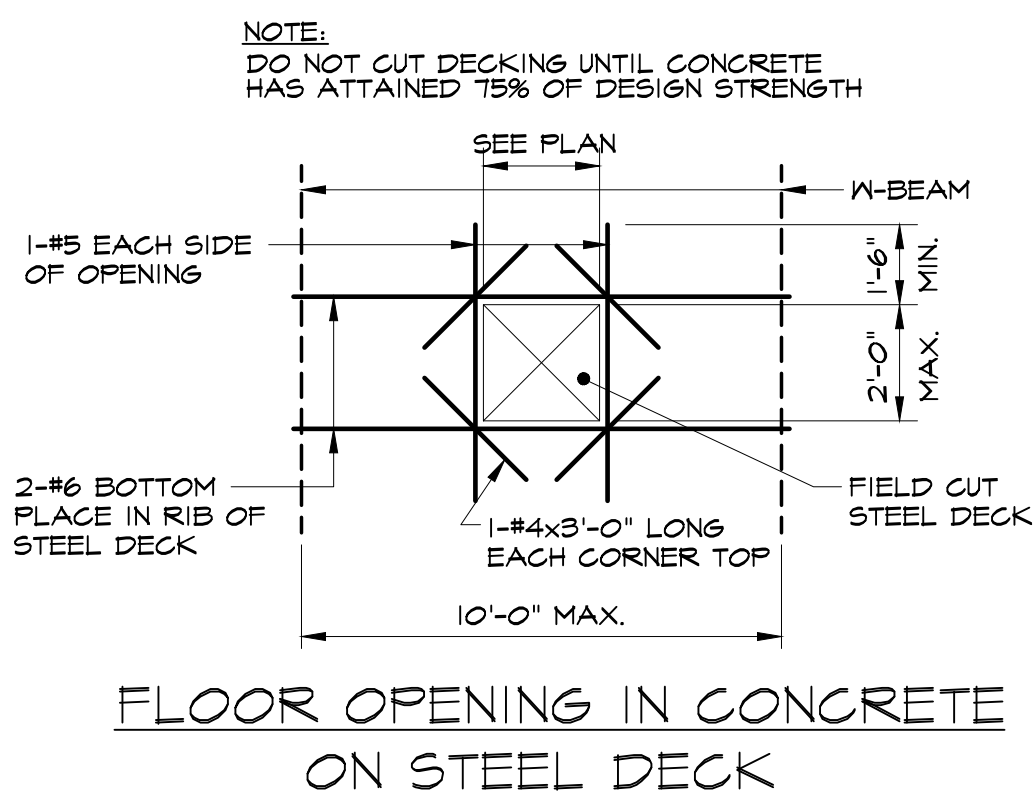


TYPICAL SHEAR STUD DETAIL

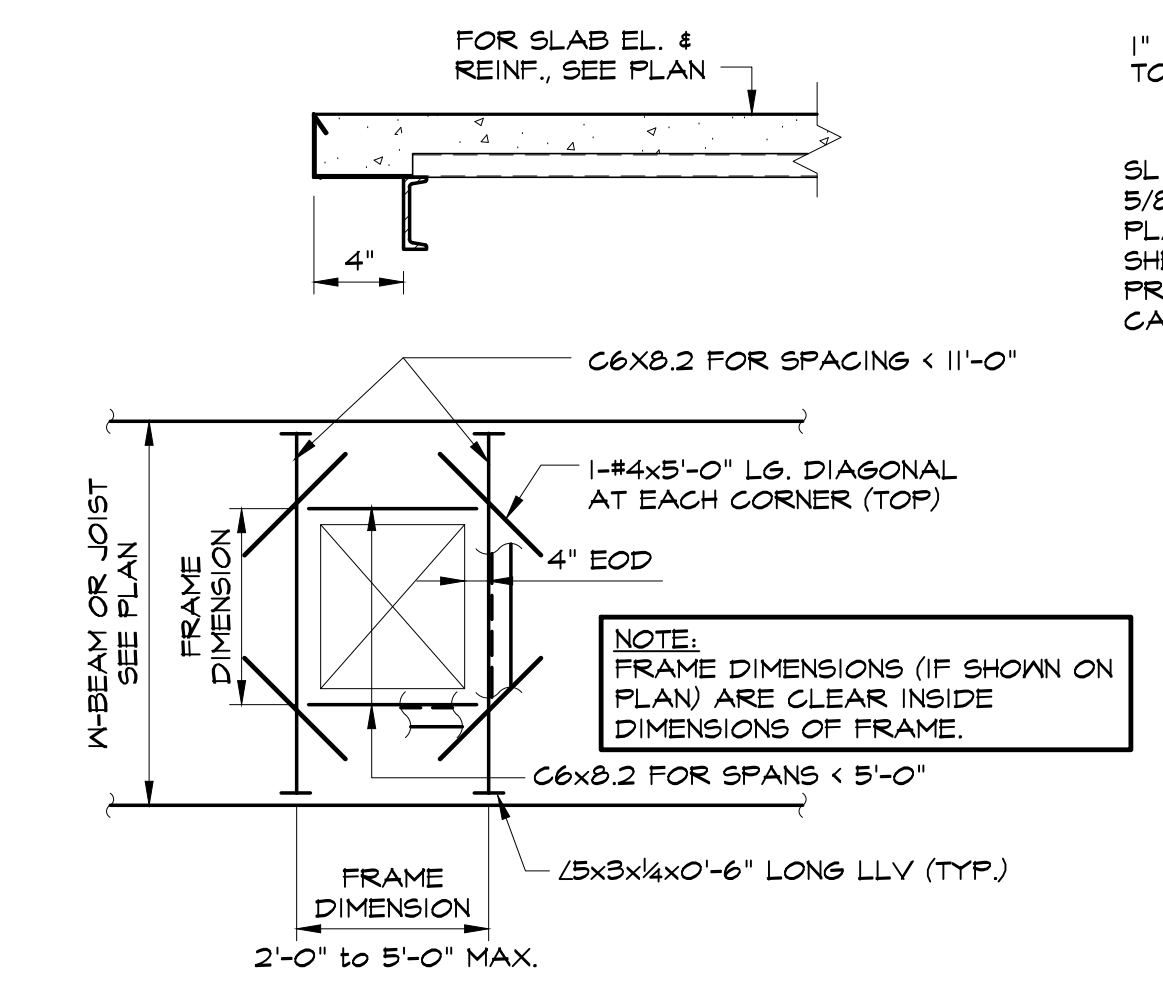


TYPICAL SLEEVE OPENING REINFORCING DETAIL IN CONCRETE ON STEEL DECK

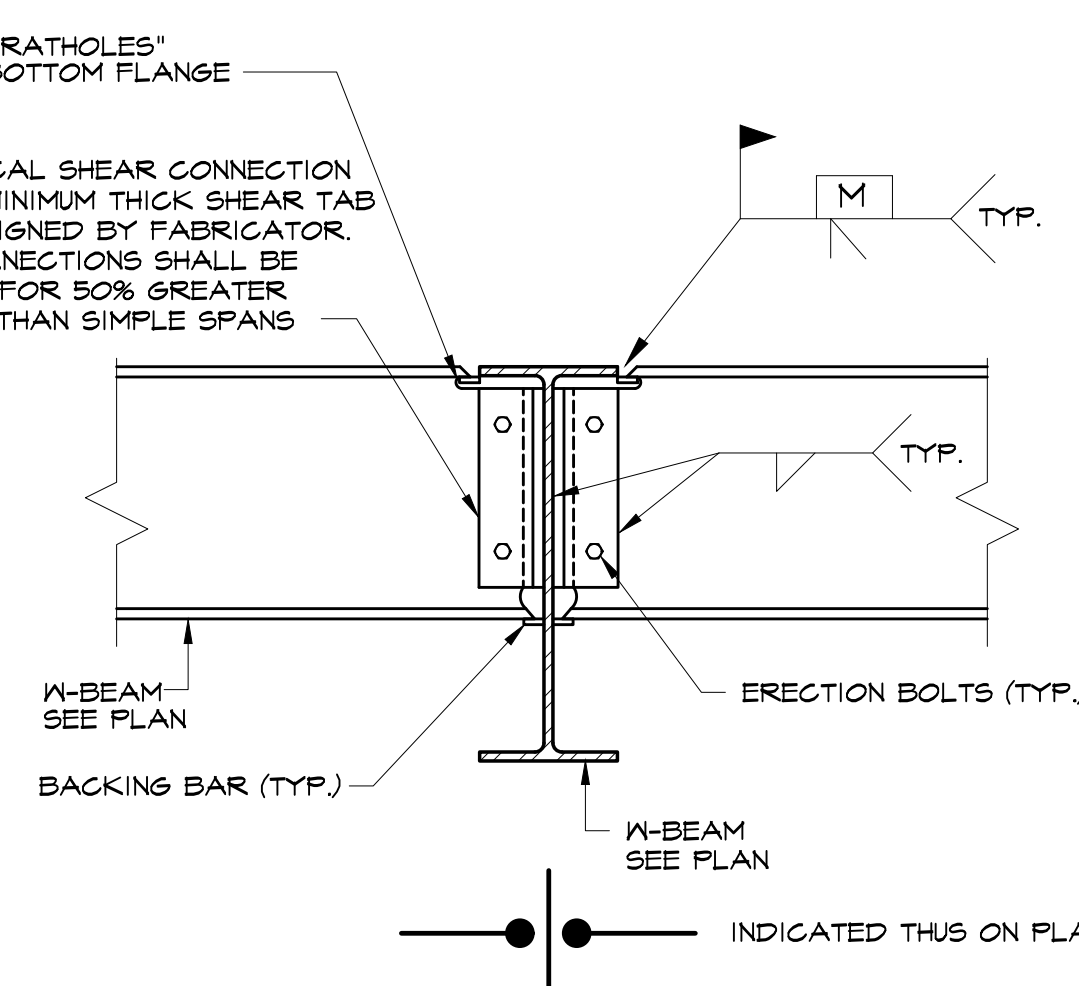
NOTE: REINFORCING SHOWN IS BOTTOM SLAB REINF.



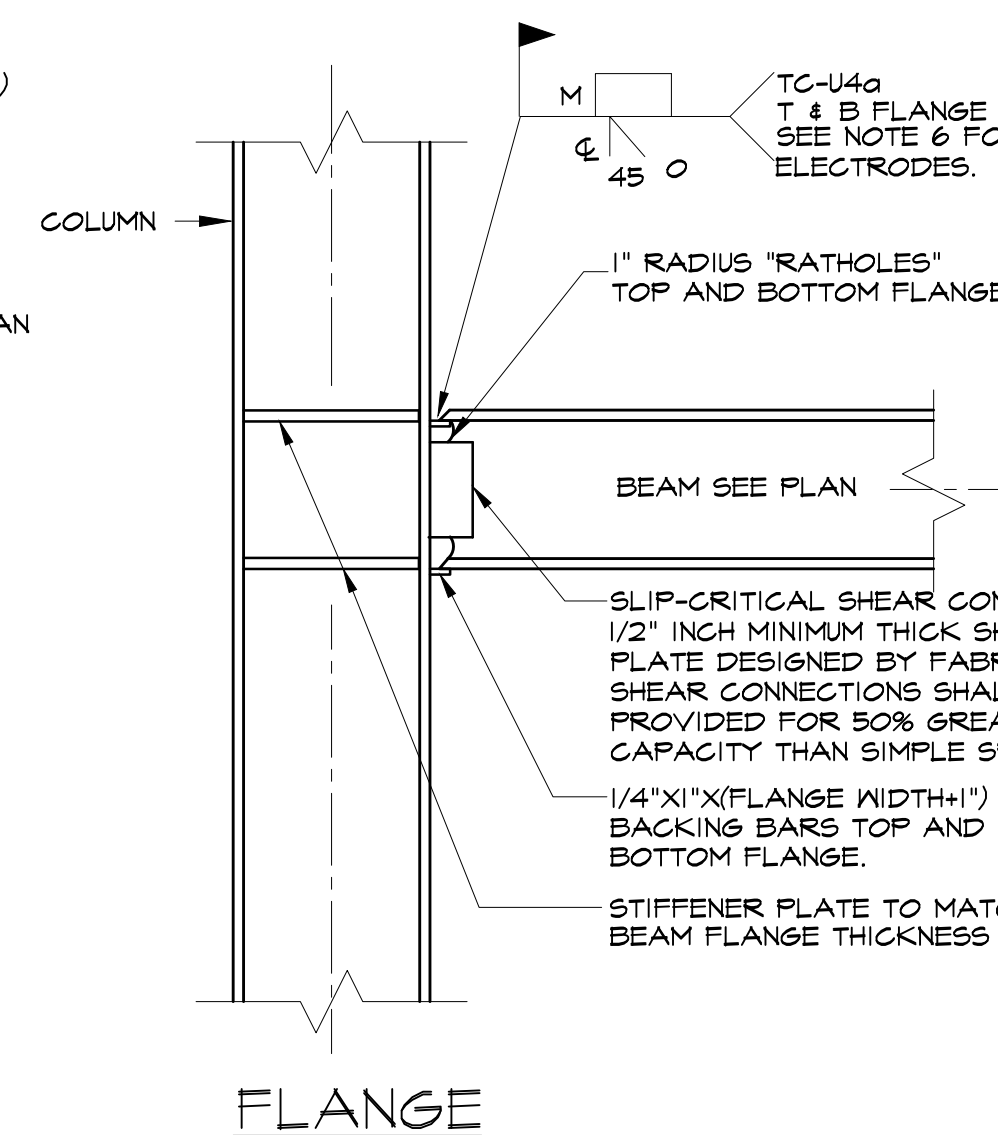
FLOOR OPENING IN CONCRETE ON STEEL DECK



TYPICAL FLOOR OPENING IN CONCRETE ON STEEL DECK 2'-0" TO 5'-0" DETAIL



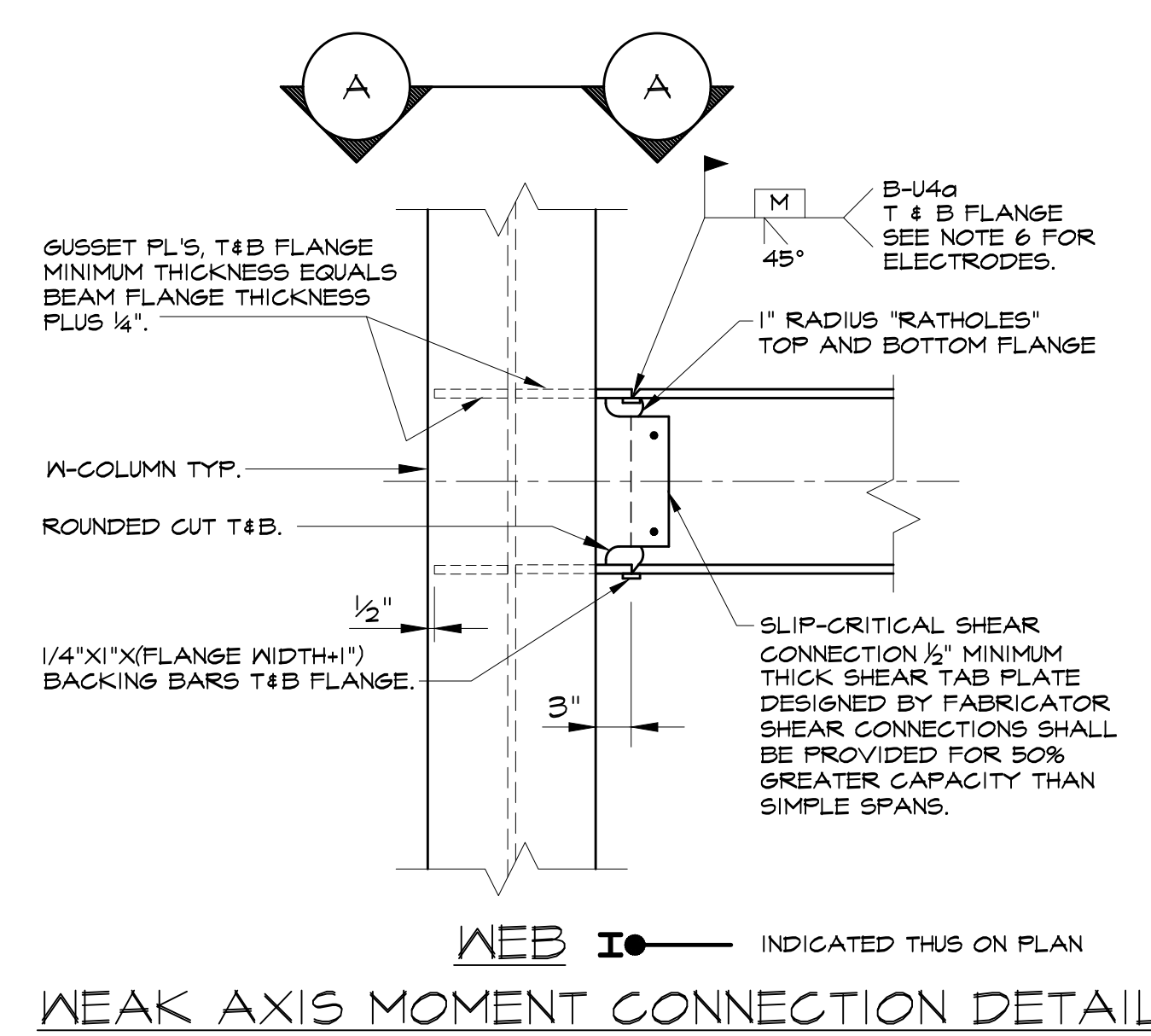
TYPICAL BEAM TO BEAM MOMENT CONNECTION DETAIL



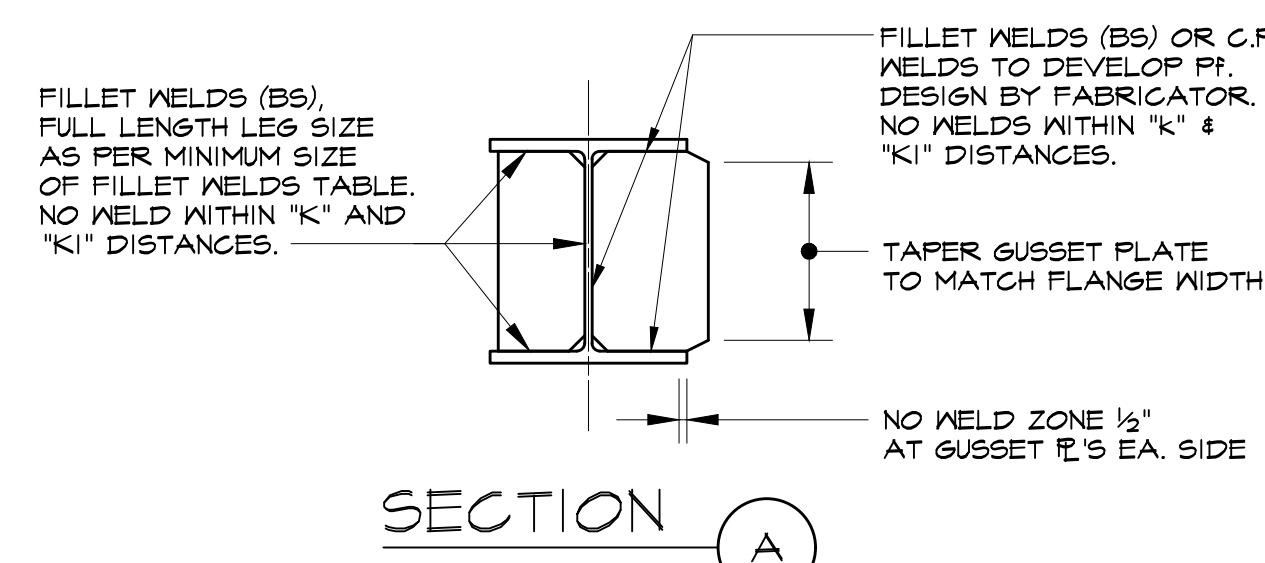
FLANGE

BEAM/WIDE FLANGE COLUMN MOMENT CONNECTION

- NOTES:
- NO SHOP PRIMER WITHIN 3 INCHES OF FIELD WELDS. REMOVE SHOP PRIMER (INCLUDING OVER-SPRAY) IN THE FIELD PRIOR TO WELDING IF NECESSARY.
 - NO SHOP PRIMER AT "FAYING" SURFACES OF SLIP-CRITICAL SHEAR CONNECTIONS. PREPARE "FAYING" SURFACES IN THE FIELD PRIOR TO ERECTION TO SATISFY CLASS "A" AS DEFINED IN AISC'S SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.
 - WHERE COLUMNS HAVE WEB AND FLANGE MOMENT CONNECTIONS, THE CONTINUITY PLATES, GUSSET PLATES AND WELDS SHALL BE DETAILED AND DESIGNED BY FABRICATOR FOR THE WORST CONDITIONS. 4. PF = (A_f)/F_y, BASED UPON BEAM PROPERTIES.
 - THE FABRICATOR SHALL TAKE EXPECTED WELD SHRINKAGE INTO ACCOUNT WHEN DETAILING THE BEAM LENGTHS IN CONTIGUOUS RUNS.
 - FILLER METAL USED IN THE FULL PENETRATION WELDS SHALL HAVE A MINIMUM CHARPY V-NOTCH VALUE OF 20 FT-LBS AT 40 DEGREES F FOR BUILDINGS WHICH ARE FULLY ENCLOSED AND HEATED DURING THE WELDING PROCESS AND IN SERVICE, AND 20 FT-LBS AT ZERO (0) DEGREES F FOR ALL OTHER WELDING AND SERVICE CONDITIONS.
 - THE MOMENT CONNECTION WELDS ARE TO BE CONSIDERED "PRE-QUALIFIED WELDED JOINTS", THEREFORE THE STEEL ERECTOR SHALL SUBMIT PRE-QUALIFIED JOINT WELDING PROCEDURES AND JOINT DETAILS AS PER AISC D11 CERTIFICATE OF COMPLIANCE FOR ALL THE ELECTRODES TO BE USED, AND WELDING CERTIFICATES FOR ALL THE WELDERS.



WEAK AXIS MOMENT CONNECTION DETAIL



SECTION A-A



KEY SECTION:	
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Prepared For: Owner	Project: Ocean Gateway Addition	Revisions: 10-14-2016 Permit Set
Architect: ARCHETYPE Architects 48 Union Wharf Portland, Maine 04101 (207) 772-6022 ARCHETYPE@ARCHETYPEPEA.COM	Date: 10 / 14 / 2016	Scale: As indicated
TYPICAL DETAILS		S2.02