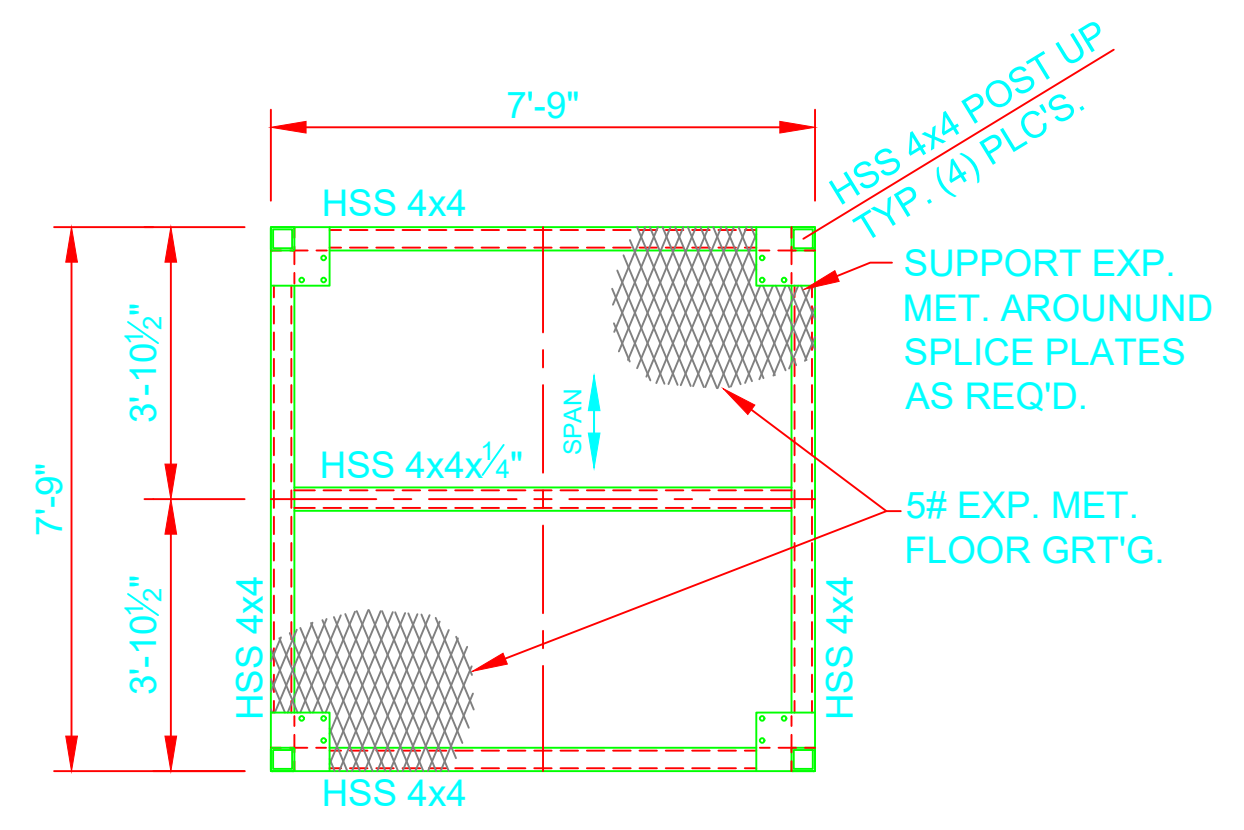


## STRUCTURAL STEEL GENERAL NOTES:

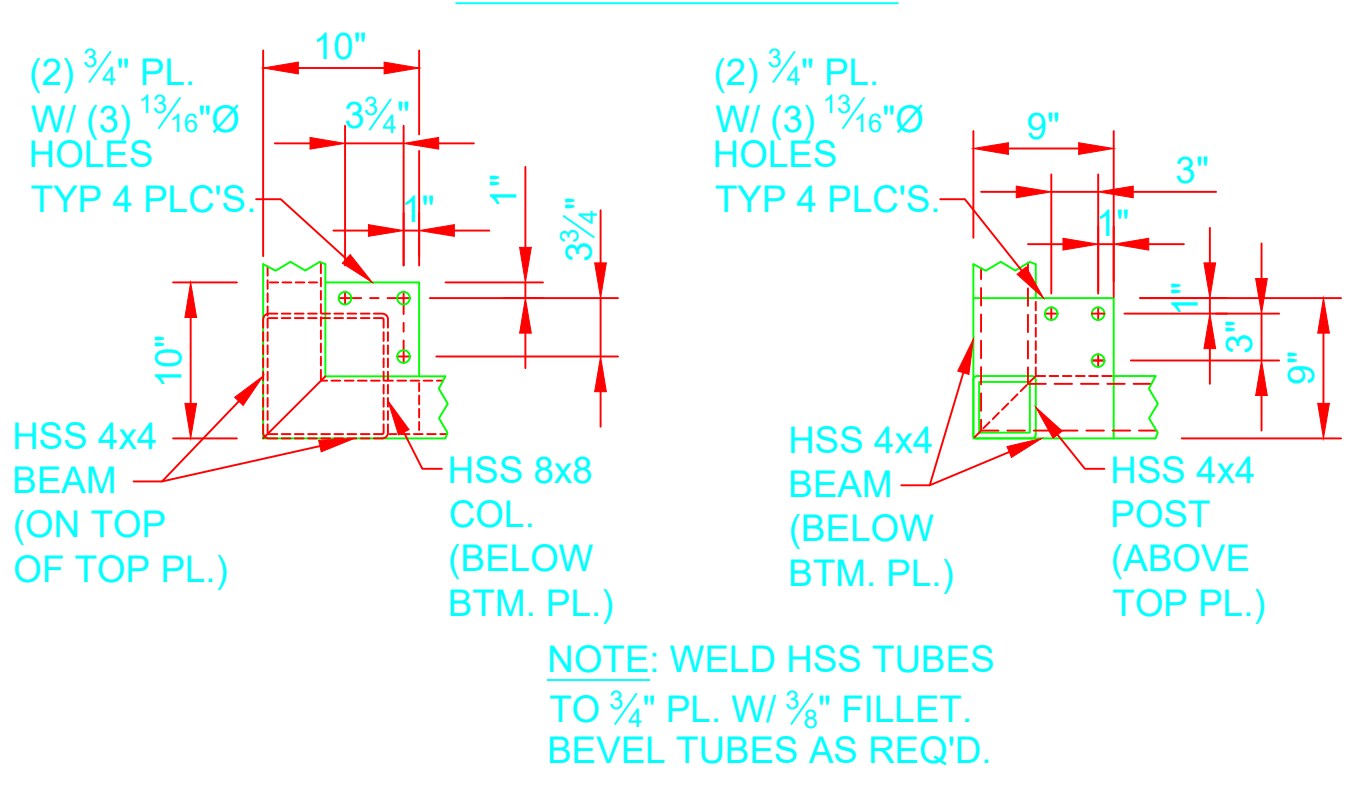
- STRUCTURAL STEEL DESIGN, DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE AISC MANUAL OF STEEL CONSTRUCTION (LATEST EDITION).
- STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING (U.O.N.):
  - L, RODS, BARS, PLATES: — ASTM A36
  - HSS: — ASTM A500, GRADE B
  - PIPE: — ASTM A53, GRADE B
- STRUCTURAL STEEL PAINT SYSTEM AND COLOR SHALL CONFORM TO CLIENT SPECIFICATIONS. FIELD WELDS AND FIELD CUTS SHALL BE CLEANED AND COATED WITH TOUCH-UP PAINT.
- WELDED CONNECTIONS SHALL CONFORM TO THE FOLLOWING (U.O.N.):
  - WELDING SHALL CONFORM TO THE AISC MANUAL OF STEEL CONSTRUCTION AND THE AWS STRUCTURAL WELDING CODE D1.1 (LATEST EDITIONS).
  - FILLET WELDS SHALL BE 1/4" (MINIMUM) CONTINUOUS SEAL WELDS (U.O.N.). GROOVE WELDS SHALL BE COMPLETE JOINT PENETRATION (CJP).
  - WELDING ELECTRODES SHALL BE E70XX.
- BOLTED CONNECTIONS SHALL CONFORM TO THE FOLLOWING (U.O.N.):
  - BOLTS SHALL BE 3/4"Ø WITH 13/16"Ø HOLES.
  - BOLTING MATERIALS:
    - BOLTS: — ASTM A325 (GALVANIZED)
    - NUTS: — ASTM A563 (GALVANIZED)
    - WASHERS: — ASTM F436 (GALVANIZED)
  - CONNECTION ANGLES AND PLATES SHALL BE 3/8" THICK.
  - CONNECTIONS SHALL BE CONNECTION TYPE "N": BEARING-TYPE CONNECTIONS WITH THREADS INCLUDED IN THE SHEAR PLANE.
  - BOLTS SHALL BE TIGHTENED BY THE TURN-OF-NUT METHOD.
- FLOOR GRATING SHALL BE 5.00# CARBON STEEL EXPANDED METAL.



PLAN @ T/S EL. 5.45 METERS

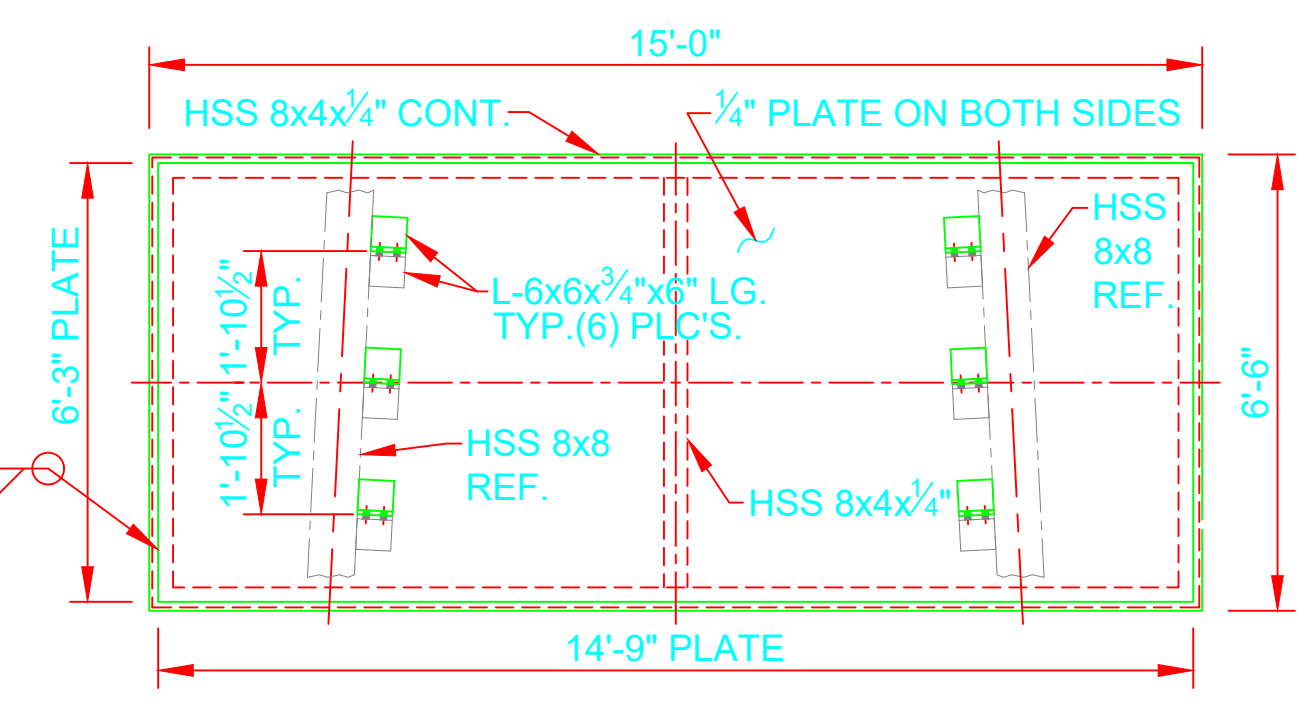
## CONSTRUCTION

FOR FABRICATION OR CONSTRUCTION



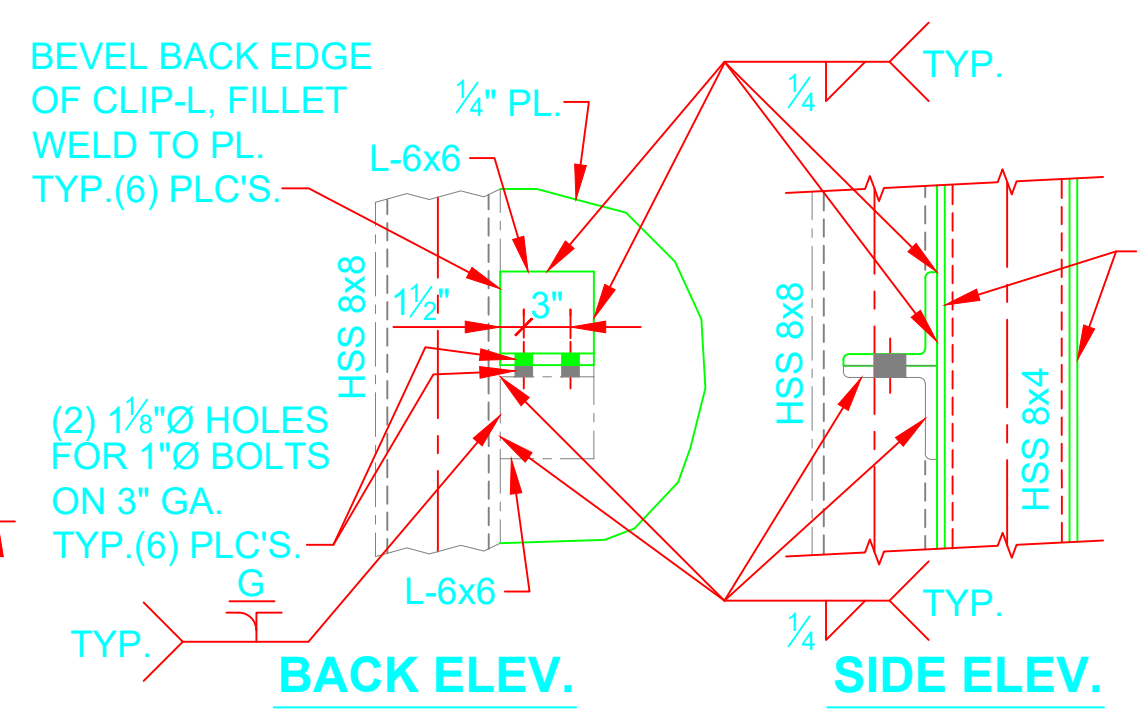
WELD NOTE:  
BEVEL 8x4 TUBE ENDS WHERE ATTACHED TO OTHER TUBE. GRIND GROOVED FILLET WELD FLUSH WHERE 1/4" BAFFLE PLATE OVERLAYS JOINT.

SEAL WELD TYP. SEE WELD NOTE ABOVE

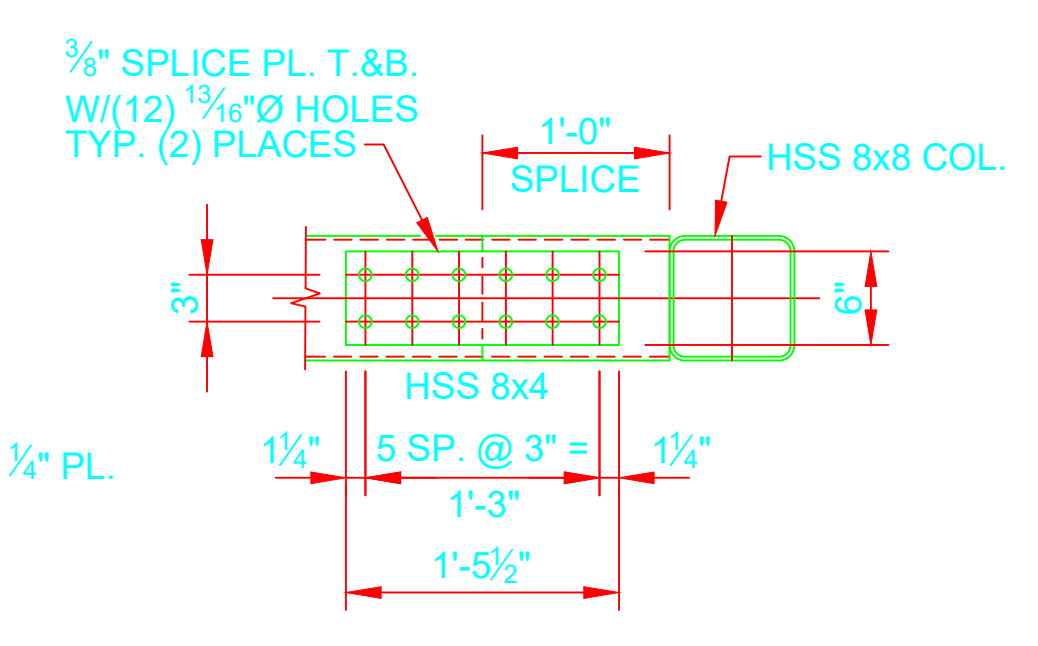


SHOP NOTE:  
FIT & WELD TOP CLIP ANGLE TO BAFFLE PLATE & BTM. CLIP ANGLE TO COLUMN

DETAIL 8  
3/8" = 1'-0" BAFFLE



DETAIL 9  
1" = 1'-0" BAFFLE



DETAIL 10  
1" = 1'-0"

SHOP NOTE:  
PROVIDE END PLATE (1/4") FOR BOTH MEMBERS AT ALL SPLICES

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PROJ. NO.	6161	PROJECT							
SCALE	NONE	BLACKSTONE							
DRAWN	G. STRUCK	CLIENT							
CHECKED		DRAWING TITLE							
APPROVED		Falling Tower Assembly 1							
DATE	10-13-17	SIZE	SHEET	TYPE OF DRAWING		DRAWING NO.		REV	
			1 OF 1	MECH. ASSEMBLY		6161-MA-01		1	