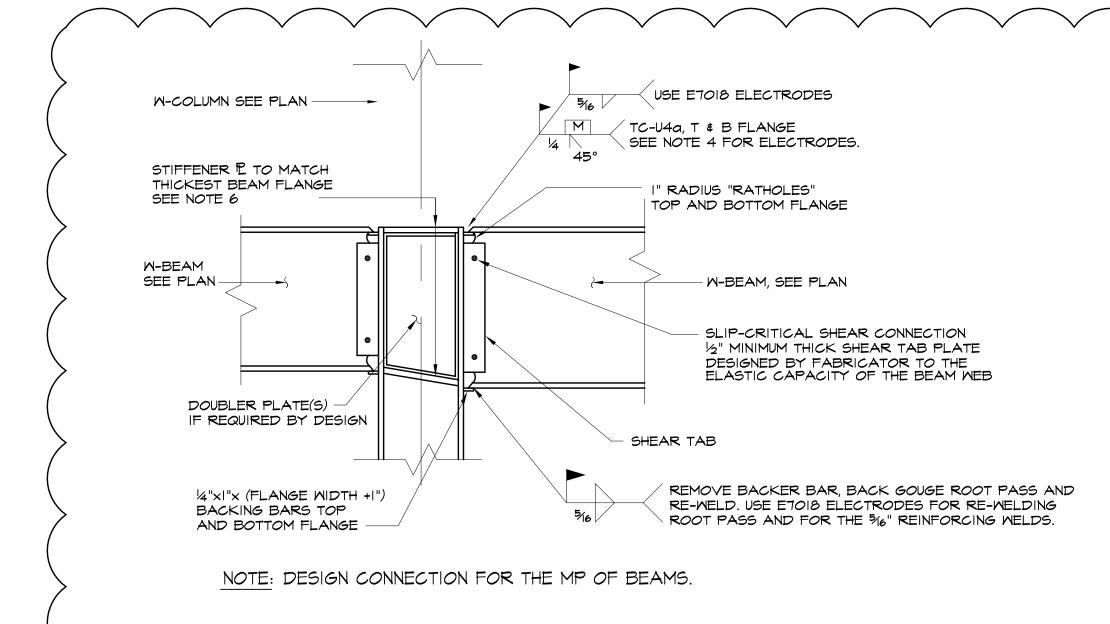


LAST LIFT

BOND BEAM

M/2-#5

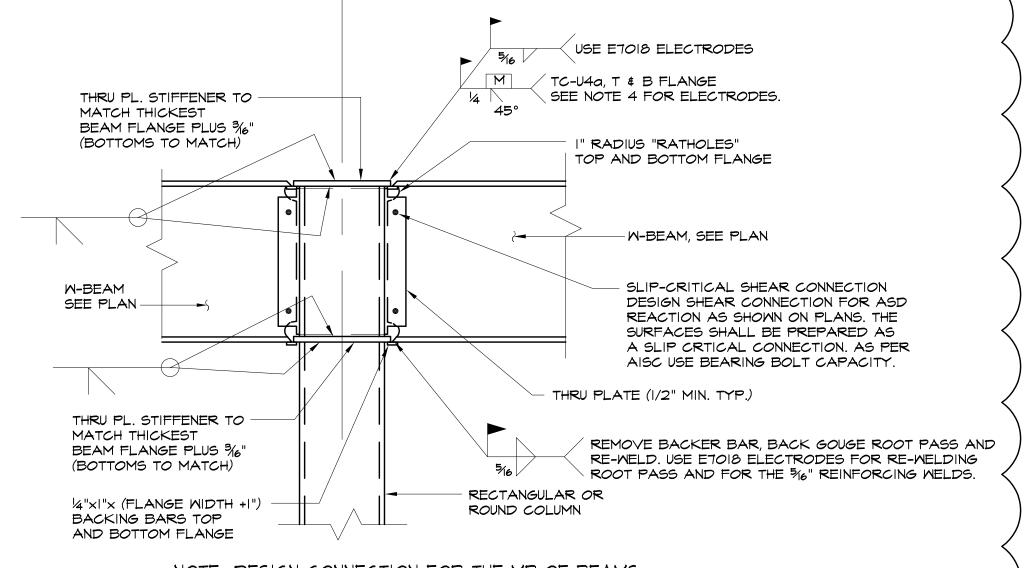


## BEAM/WIDE FLANGE COLUMN SEISMIC MOMENT CONNECTION

- I. NO SHOP PRIMER WITHIN 3 INCHES OF FIELD WELDS. REMOVE SHOP PRIMER (INCLUDING OVER-SPRAY) IN THE FIELD PRIOR TO WELDING IF NECESSARY.
- 2. 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."
- 3. THE FABRICATOR SHALL TAKE EXPECTED WELD SHRINKAGE INTO ACCOUNT WHEN DETAILING THE BEAM LENGTHS IN CONTINUOS RUNS.
- 4. FILLER METAL USED IN THE FULL PENETRATION WELDS SHALL HAVE A MINIMUM CHARPY V-NOTCH VALUE OF 20 FT-LBS. 5. 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 AWS DI.I CERTIFICATE

- OF COMPLIANCE FOR ALL THE ELECTRODES TO BE USED, AND WELDING CERTIFICATES FOR ALL THE WELDERS. 6. AT ALL MOMENT CONNECTIONS PROVIDE STIFFENER PLATES. THE PLATE THICKNESS SHALL MATCH THE THICKNESS
- OF THE THICKER BEAM FLANGE.



NOTE: DESIGN CONNECTION FOR THE MP OF BEAMS.

## BEAM/HSS COLUMN SEISMIC MOMENT CONNECTION

- I. NO SHOP PRIMER WITHIN 3 INCHES OF FIELD WELDS. REMOVE SHOP PRIMER (INCLUDING OVER-SPRAY) IN THE FIELD
- PRIOR TO WELDING IF NECESSARY. 2. 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."
- 3. THE FABRICATOR SHALL TAKE EXPECTED WELD SHRINKAGE INTO ACCOUNT WHEN DETAILING THE BEAM LENGTHS IN CONTINUOS RUNS.
- 4. FILLER METAL USED IN THE FULL PENETRATION WELDS SHALL HAVE A MINIMUM CHARPY V-NOTCH VALUE OF 20 FT-LBS. 5. 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 AWS DI.I CERTIFICATE OF COMPLIANCE FOR ALL THE ELECTRODES TO BE USED, AND WELDING CERTIFICATES FOR ALL THE WELDERS.

**RIMANTAS** 

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