

BEAM TO BEAM TYPICAL MOMENT CONNECTION A 3/4" = 1'-0"

NOTES:

B 3/4" = 1'-0"



(C) <u>1/8" = 1'-0"</u>

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 D1.1 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.

7. REFER TO THE COLUMN SCHEDULE FOR DOUBLER PLATE LOCATIONS AND THICKNESS (IF ANY).

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Project: 0 HANCOCK STREET		0 HANCOCK STREET PORTLAND, MAINE
Revisions: 08-11-17 Issued for Foundation Permit	09-22-17 Femili Set 09-22-17 Pile Bid Set 09-20-17 Concrete Bid Set	10-06-17 Issued for Permit
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S204		