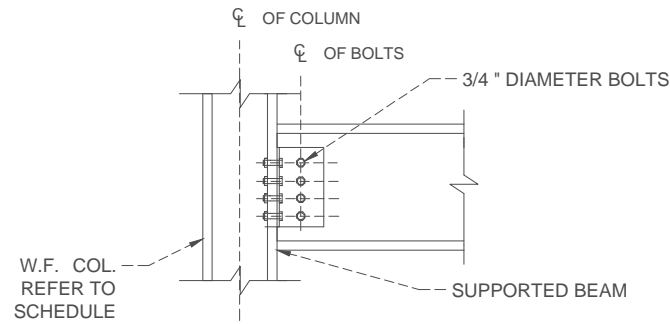
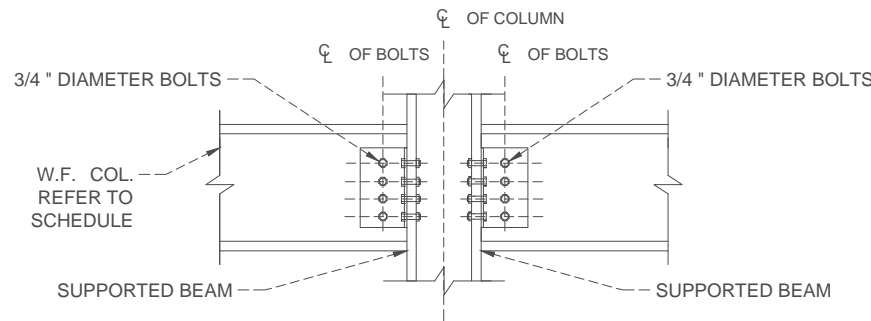




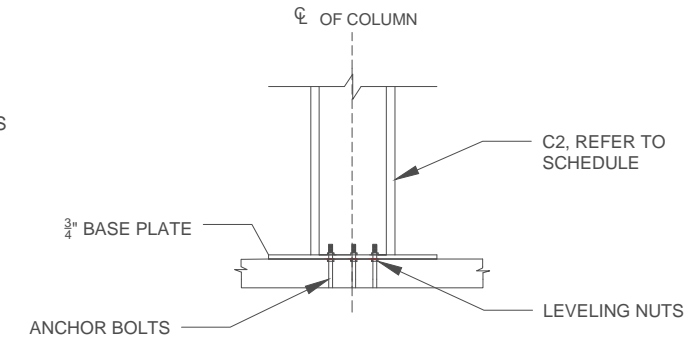
CONNECTION DETAILS



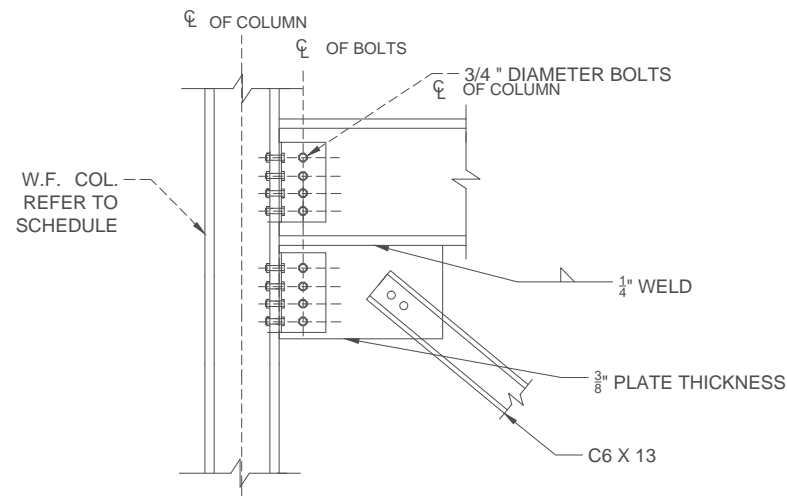
TYPICAL ONE-SIDED BEAM TO COLUMN FLANGE CONNECTION



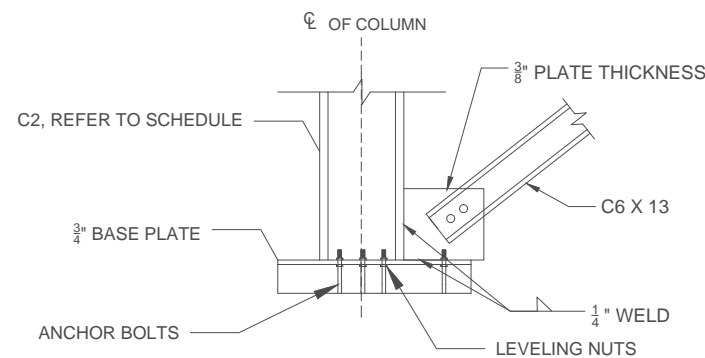
TYPICAL TWO-SIDED BEAM TO COLUMN FLANGE CONNECTION



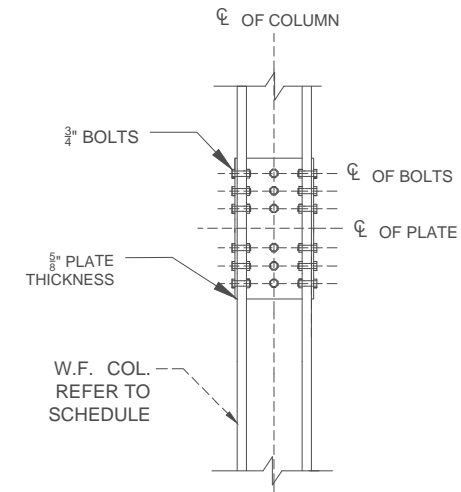
TYPICAL DETAIL WF COL. BASE PLATE 6 BOLTS



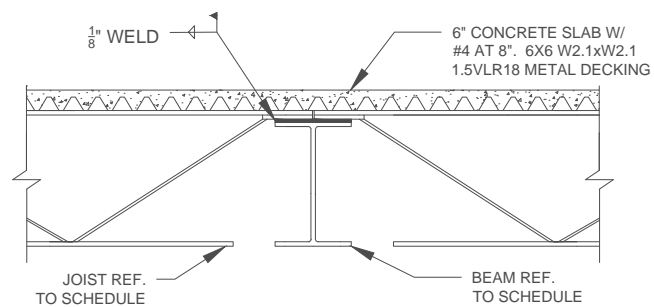
TYPICAL BEAM TO COLUMN TO LATERAL BRACING CONNECTION



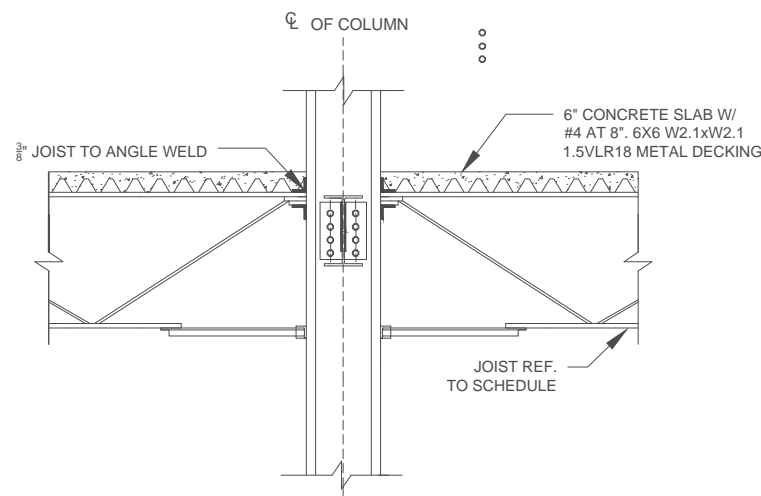
TYPICAL COLUMN TO LATERAL BRACING CONNECTION



TYPICAL COLUMN TO COLUMN CONNECTION



TYPICAL JOIST TO BEAM CONNECTION



TYPICAL JOIST TO BEAM CONNECTION

NOTES:

1. ALL OTHER CONNECTIONS DEVIATING FROM TYPICAL CONNECTIONS SHALL BE DESIGNED AND DETAILED BY A PROFESSIONAL ENGINEER WORKING UNDER A GUIDANCE OF THE CONTRACTOR.
2. REACTIONS ARE FOR SERVICE LOADS.
3. BOLTS ARE A325N WITH STANDARD HOLES
4. BEAM CONNECTIONS ARE STANDARD UNLESS OTHERWISE NOTED ON PLAN.
5. ALL ANGLE CONNECTIONS ARE L4x4x⁵/₁₆ A36 STEEL.
6. WORKLINES ARE ON CENTERLINES OF BEAMS AND COLUMNS.
7. WELD CAPACITY BASED ON E_{xx} = 70 KSI.
8. CONTRACTOR RESPONSIBLE FOR MEETING ALL O.S.H.A. REQUIREMENTS.

PRELIMINARY - NOT FOR CONSTRUCTION

SHORT FRAMES
FOR
LOFTS AT LA PERLITA
SAN ANTONIO, TEXAS

JOB NO.	2014.01
DATE	11/11/14
CHECKED	EV
TITLE	2.09
SHEET	9 OF 10