

TYPICAL SHEET 3 GENERAL NOTES:

- The illustrative details provided herein are intended to highlight the minimum fabrication and welding details that should be reflected on the structural plan. It shall not be used as a substitute for or in lieu of structural details that the Engineer or Architect of Record must provide on the structural plan.
- These illustrative details do not provide information such as, but not limited to, size of columns or beams, continuity or doubler plate thicknesses, size and length of the fillet welds, the type of beam to column moment connections, locations of all seismic demand welds, location of all required lateral bracing, steel column frame to foundation connections, or length and location of plastic hinging zones. This information shall be determined by the Engineer or Architect of Record and specified on the structural plan.
- Where the illustrative details provide information such as weld type to use at a particular weld joint, minimum or maximum dimensions for length, weld size, or gap between base metals, it should be appropriately reflected on the structural plan by the Engineer or Architect of Record.
- Engineer of Record shall indicate on this plan which Weld Access Hole Detail to be used. See Detail 12 and 17 of Sheet 3

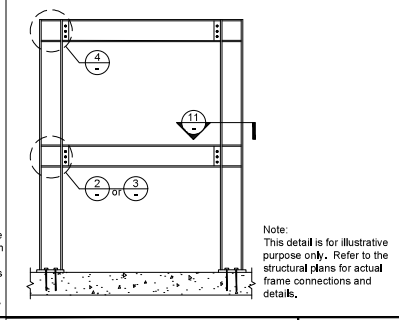
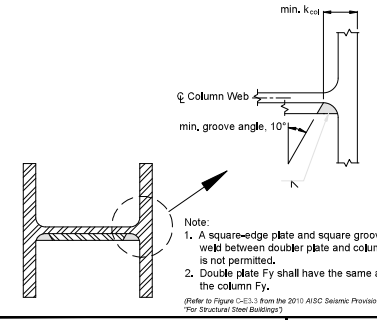
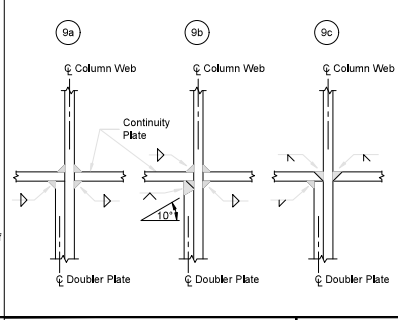
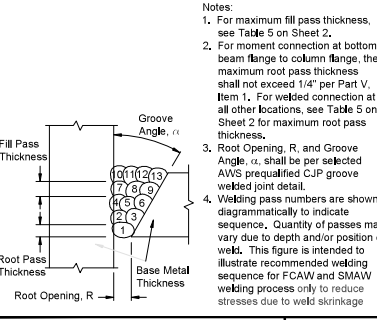
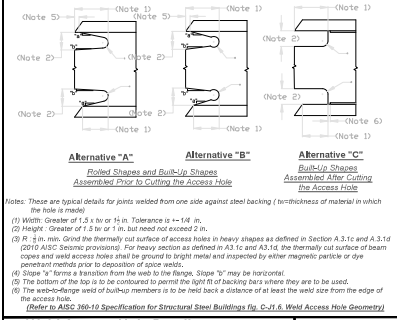
Plug Welding of Doubler Plate to Column
Scale: Not to Scale

Alternative Weld Access Hole Detail
Scale: Not to Scale

Doubler Plate Welds to Continuity Plate
Scale: Not to Scale

Web Doubler Plate Detail
Scale: Not to Scale

Typical Sheet 3 Notes



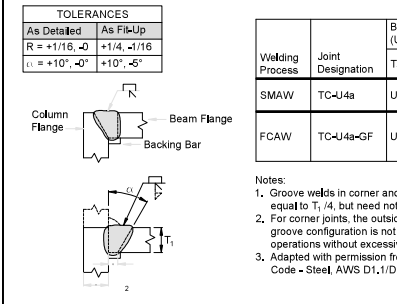
Weld Access Hole Detail
Scale: Not to Scale

Weld Pass Sequence
Scale: Not to Scale

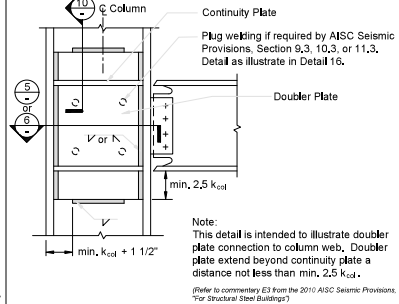
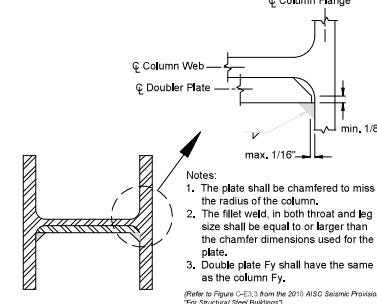
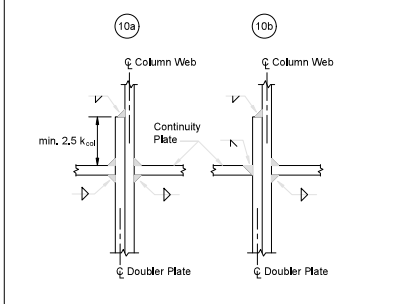
Doubler Plate Welds to Continuity Plate
Scale: Not to Scale

Groove Welded Doubler Plate
Scale: Not to Scale

Sample Steel Moment Frame
Scale: Not to Scale



TOLERANCES		Base Metal Thickness (U = unlimited)		Groove Preparation		Allowed Welding Positions		Gas Shielding for FCAW	
As Detailed	As Fit-Up	T ₁	T ₂	Root Opening	Groove Angle				
R = +1/16, -0	+1/4, -1/16	U	U	R = 1/4	(α = 45°)	All			
r = +10°, -0°	+10°, -5°	U	U	R = 3/8	(α = 30°)	F, V, OH			
		U	U	R = 3/16	(α = 30°)	All	Required		
		U	U	R = 3/8	(α = 30°)	F	Not required		
		U	U	R = 1/4	(α = 45°)	All	Not required		

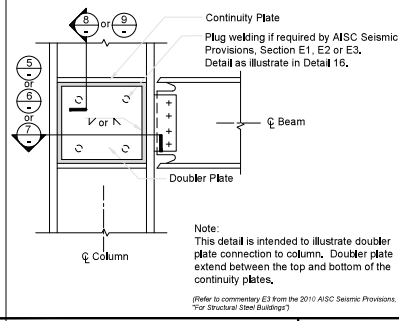
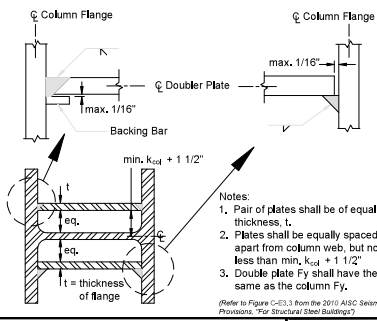
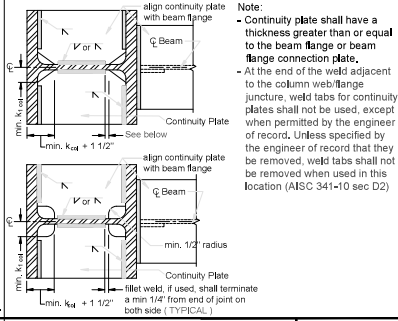
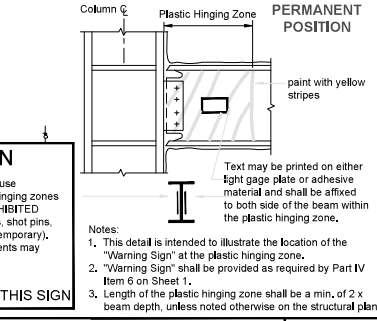
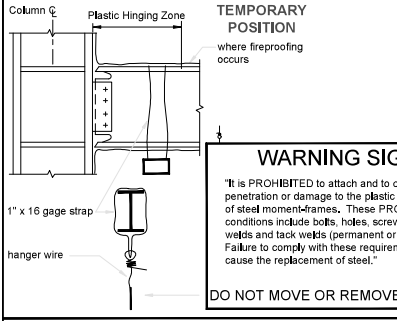


AWS Prequalified CJP Groove Welded Joint Detail
Scale: Not to Scale

Doubler Plate Welds to Continuity Plate
Scale: Not to Scale

Fillet Welded Doubler Plate
Scale: Not to Scale

Web Doubler Plate Detail
Scale: Not to Scale



Warning Sign at Plastic Hinging Zone
Scale: Not to Scale

Continuity Plate Detail
Scale: Not to Scale

Groove or Fillet Welded Doubler Plate
Scale: Not to Scale

Web Doubler Plate Detail
Scale: Not to Scale

Web Doubler Plate Detail
Scale: Not to Scale

SITE ADDRESS:
OWNER:

STANDARD QUALITY ASSURANCE PLAN
For Steel Moment Frames

The specifications and illustrative details contained in this Standard Quality Assurance Plan have been prepared in accordance with recognized engineering practice and shall be used as a guide only. The Engineer or Architect of Record shall be responsible for the application of these specifications and illustrative details to the specific project. The Engineer or Architect of Record shall be responsible for the application of all of the specifications and illustrative details to the project. The Engineer or Architect of Record shall be responsible for the application of all of the specifications and illustrative details to the project. The Engineer or Architect of Record shall be responsible for the application of all of the specifications and illustrative details to the project.

Engineer of Record
LADBS Logo.bmp
Date: 12/30/2017
Sheet: Not to Scale
Scale: Not to Scale