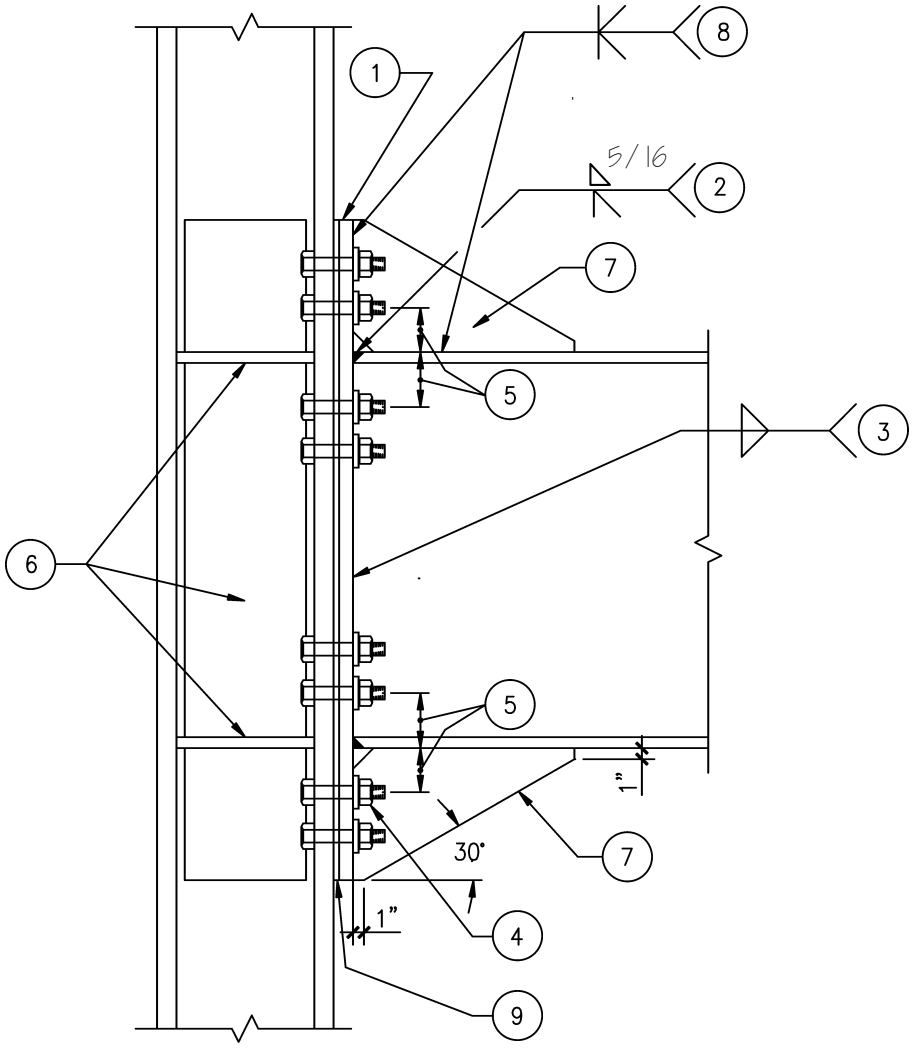

Notes

1. ASTM A36 end plate. For sizing, see Section 3.6.2.1.
2. CJP groove weld. This weld has special requirements. See *FEMA-353, Recommended Specifications and Quality Assurance Guidelines for Steel Moment Frame Construction for Seismic Applications,* for fabrication details. Weld: QC/QA Category AH/T.
3. Fillet weld both sides, or CJP weld; see Section 3.6.2.4 for sizing requirements. See *FEMA-353, Recommended Specifications and Quality Assurance Guidelines for Steel Moment Frame Construction for Seismic Applications,* for fabrication details. Weld: QC/QA Category BM/L.
4. Pretensioned ASTM A325 or A490 bolts. See Section 3.6.2.1 for sizing requirements.
5. Bolt location is part of the end plate design. See Section 3.6.2.1.
6. For continuity plates and web doubler plates, see Figure 3-6. For calculation of panel zone strength, see Section 3.6.2.1.
7. Stiffener is shaped as shown. Stiffener thickness shall be the same as that of the beam web.
8. Stiffener welds are CJP double-bevel groove welds to both beam flange and end plate. Weld: QC/QA Category AH/T for weld to endplate. BM/L for weld to beam..
9. Shim as required. Finger shims shall not be placed with fingers pointing up.

Figure 3-15 Stiffened End Plate Connection