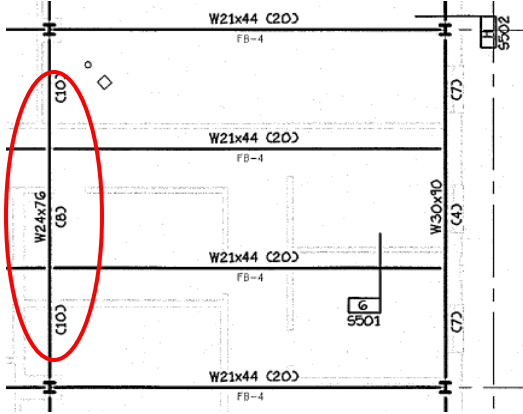
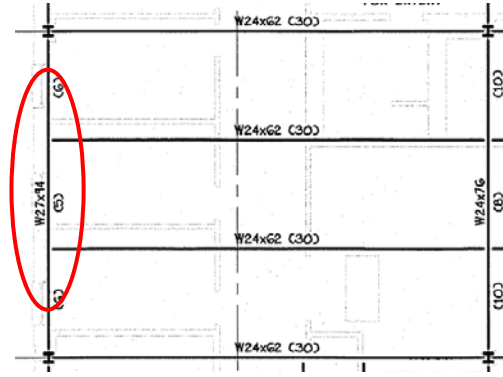




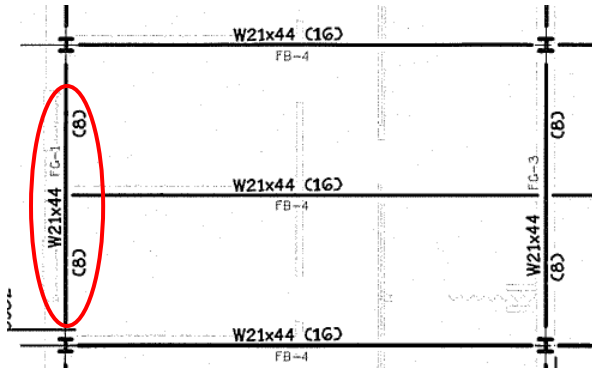
## Appendix A Spandrel Beam Calculations



Framing Plan for W30 x 90



Framing Plan for W27 x 94



Framing Plan for W21 x 44

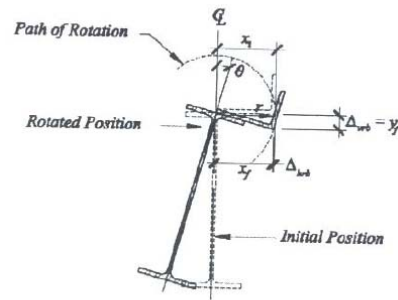


Fig. 6-19. Rigid body rotation about center of top flange.

Beam Rotation Diagram