1. Galvanize HSS 8" x 8" x ¾" and L 4 x 4 brackets. Paint inside drilled holes, ends and outside surfaces of tubing, left led, and flats are not galvanized with zinc-rich primer.

2. Use thread locking system for all fasteners. Torque nuts on threaded rods to 300 ft-lb min.

3. Polyethylene must have compressive strength of at least 10 psi with a deflection between 5 percent and 15 percent when tested under ASTM D3575, Suffix B.

4. Place HSS 3" below the lower seat main transverse reinf.

5. Place HSS in line with girders. Align all HSS parallel to each other.

6. Adjust reinforcement to accommodate HSS and allow 1" clear min. to reinforcing.

7. This drawing is for the installation of the HSS Shear Key. For joint details and other hinge details refer to contract plans.