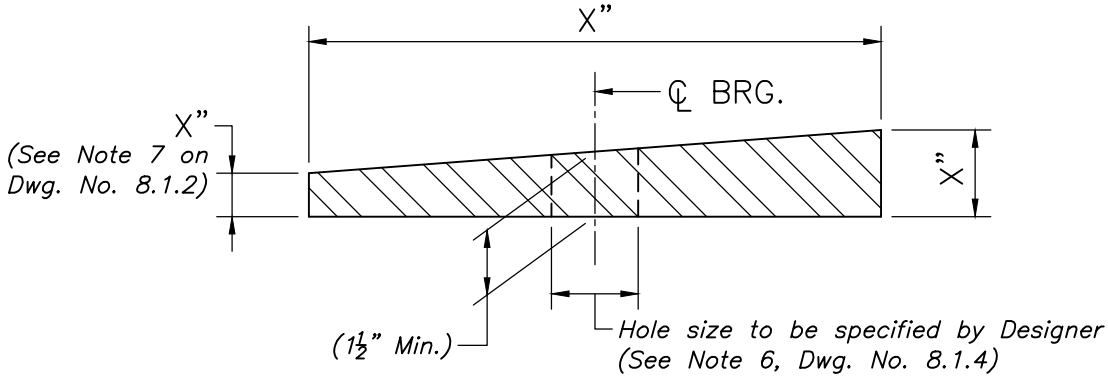

SOLE PLATE DETAIL

SCALE: 3" = 1'–0"

BEARING NOTES: *(for use with details on Dwg. No.'s 8.1.2 and 8.1.3)*

1. STEEL SOLE PLATE SHALL CONFORM TO AASHTO M 270 GRADE 36 AND SHALL BE HOT–DIP GALVANIZED.

2. CENTER THE ELASTOMERIC PAD UNDER THE SOLE PLATE DURING BEAM ERECTION.

3. BEAMS SHALL BE ERECTED WHEN THE AMBIENT TEMPERATURE IS BETWEEN 50 °F AND 77 °F. IF BEAMS ARE ERECTED AT OTHER AMBIENT TEMPERATURES, THEY WILL HAVE TO BE JACKED AND THE ELASTOMERIC BEARINGS RECENTERED WHEN THE TEMPERATURE RETURNS TO THAT RANGE.

BEARING NOTES: *(for use with details on Dwg. No.'s 8.1.4 and 8.1.5)*

1. STEEL SOLE PLATE AND SHEAR PLATES SHALL CONFORM TO AASHTO M 270 GRADE 36 AND SHALL BE HOT–DIP GALVANIZED.

2. PLACE SOLE PLATE ASSEMBLY SO THAT IT IS CENTERED AROUND ANCHOR BOLTS. CENTER THE ELASTOMERIC PAD UNDER THE SOLE PLATE.

3. BEAMS SHALL BE ERECTED WHEN THE AMBIENT TEMPERATURE IS BETWEEN 50 °F AND 77 °F. IF BEAMS ARE ERECTED AT OTHER AMBIENT TEMPERATURES, THEY WILL HAVE TO BE JACKED AND THE SOLE PLATE ASSEMBLY AND ELASTOMERIC BEARINGS RECENTERED WHEN THE TEMPERATURE RETURNS TO THAT RANGE.

4. AFTER THE SOLE PLATE ASSEMBLY IS IN ITS FINAL POSITION, WELD IT TO THE BEAM BOTTOM FLANGE.

5. TEMPERATURE OF STEEL ADJACENT TO ELASTOMER DURING FIELD WELDING SHALL BE KEPT BELOW 250 °F.

6. ANCHOR BOLTS, NUTS, AND WASHERS SHALL CONFORM TO ASTM F 1554 GRADE 105 AND SHALL BE HOT–DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 232.