NOTES:
1. ALL STRUCTURAL STEEL FORUTILITY SUPPORTS SHALL CONFORM TO AASHTO M 270 GRADE 36. ALL STRUCTURAL STEEL AND FASTENERS SHALL BE HOT–DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 111 AND M 232.

2. THE \( \frac{3}{8} \) " THREADED INSERTS FOR \( \frac{3}{4} " \) H.S. BOLTS SHALL BE CAST INTO THE PRECAST BEAMS BY THE FABRICATOR AND SHALL PROVIDE A MINIMUM NOMINAL TENSILE RESISTANCE OF 6.0 KIPS AND A MINIMUM NOMINAL SHEAR RESISTANCE OF 6.0 KIPS IN 3000 PSI CONCRETE. (The Designer shall determine the required insert capacities if \( S > 12 \) feet).

3. THE UTILITY SUPPORT ANGLE SHALL BE ERECTED WITH THE LONG LEG VERTICAL.

4. INSERTS SHALL BE POSITIONED TO AVOID INTERFERENCE WITH PRESTRESSING STRANDS.

**UTILITY BAY DETAILS**

SCALE: \( \frac{3}{4} " = 1' - 0" \)

See Dwg. No. 6.1.17 For Designer Notes.