



UTILITY PIPE SKIDS TO BE PER CCI PIPELINE SYSTEMS MODEL NO. 304 TWO-PIECE CSC (CARBON STEEL SPACER) AND CSS (CARBON STAINLESS STEEL), OR EQUAL. INSTALL PER MANUFACTURER

**NOTES:**

1. UNLESS NOTED OTHERWISE, CASING SHALL BE INSTALLED BY THE JACK AND BORE, AND/OR TUNNEL METHOD. IF OPEN-CUT INSTALLATION OF CASING IS ALLOWED, BACKFILL SHALL BE IN ACCORDANCE WITH BREA STD PLAN 218 OR 219.
2. MINIMUM CASING SIZE SHALL BE 24" AND MINIMUM CASING THICKNESS SHALL BE 0.5".
3. ALL STEEL CASING PIPE FIELD JOINTS SHALL BE WELDED FULL-CIRCUMFERENCE.
4. CASING END SEALS TO BE PER CCI PIPELINE SYSTEMS MODEL ESW AND CSK, OR EQUAL.
5. CARRIER PIPE SHALL BE AIR PRESSURE TESTED.
6. UPSTREAM AND DOWNSTREAM ELEVATIONS OF CARRIER PIPE SHALL BE VERIFIED PRIOR TO FILLING OF ANNULAR SPACE.



**CITY OF BREA**

**STEEL CASING PIPE**

APPROVED:

*R. Rajji*  
CITY ENGINEER

DATE: 10-15-2013

STD. PLAN NUMBER

**220-0**

SHEET 1 OF 1