



1/4" DIA. STEEL ROD; LENGTH=D (24"MAX.). FORM TO FIT PIPE CURVATURE:  
WELD AS SHOWN. DO NOT USE TO TRANMIT THRUST.

WHEN ASSEMBLED, COAT BARE METAL WITH CEMENT MORTAR FOR CML/CMC PIPE.

D=NOMINAL PIPE DIAMETER

WELD TO SPIGOT ONLY

WELD TO BELL ONLY

AFTER WELDING COMPLETE, WRAP WITH DIAPER AND FILL WITH CEMENT MORTAR.

CEMENT-MORTAR LINED & CEMENT COATED, (C.M.L.&C..C) PIPE. (COATING NOT SHOWN)

**NOTES:**

1. OMIT WHERE WELDED PIPE JOINT REQUIRED, OR RING-SEAL JOINT IS WELDED FOR THRUST.
2. FORCE 1/4" DIA. ROD INTO PLACE. AT ONE END, WELD TO BELL. AT OTHER, WELD TO SPIGOT. REQ'D. LENGTH OF WELD EACH END=D/6 (1" MIN.; 4" MAX.)
3. WELD AS SHOWN. DO NOT WELD EITHER END TO BOTH BELL & SPIGOT OF PIPE.



APPROVED DATE: January 1, 2011

*Joseph A. Benuly*

DIRECTOR OF ENGINEERING

STANDARD DRAWING  
 BELL AND SPIGOT  
 JOINT BONDING DETAIL  
 STEEL CYLINDER PIPE

STD. DWG.  
 NO.

W-0310