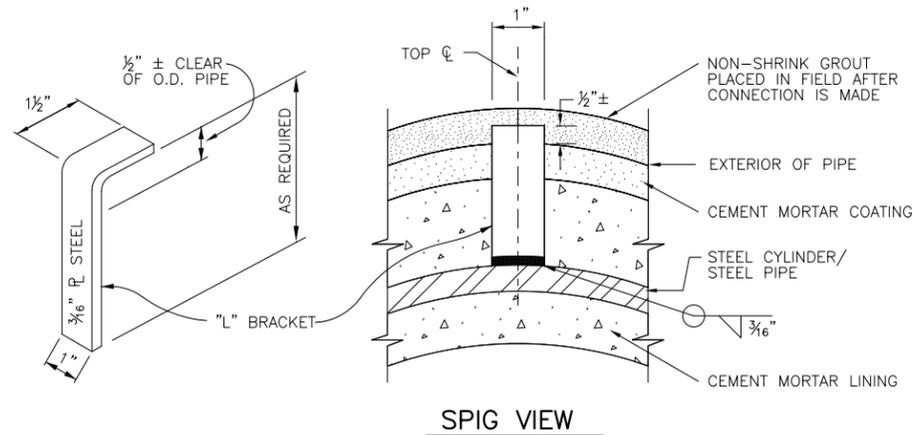
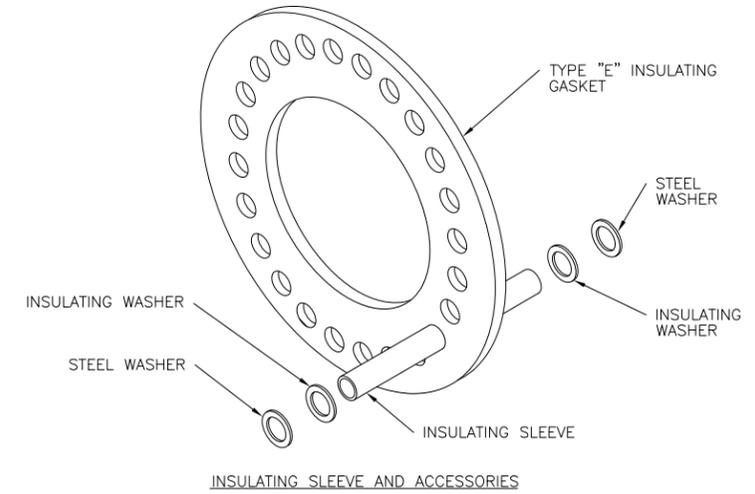


7 TEST LEAD CONNECTION DETAIL

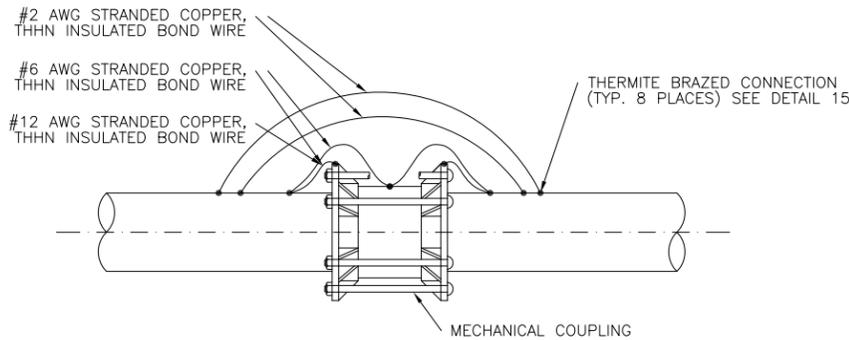


8 "L" BRACKET DETAIL

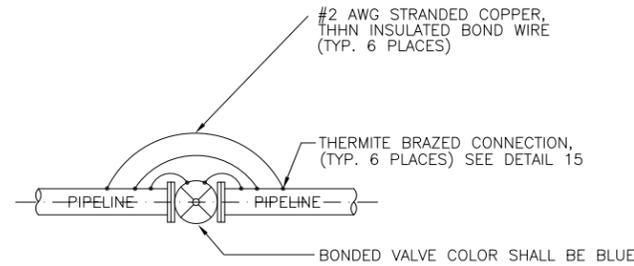


9 ISOLATION FLANGE ASSEMBLY

NOTE: SEE AWWA M11 FOR FLANGE BOLT TIGHTENING SEQUENCE

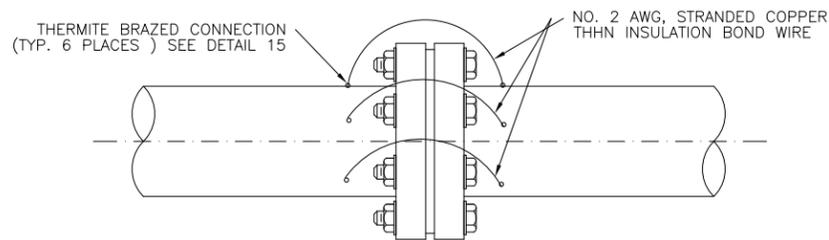


10 MECHANICAL COUPLING BOND DETAIL



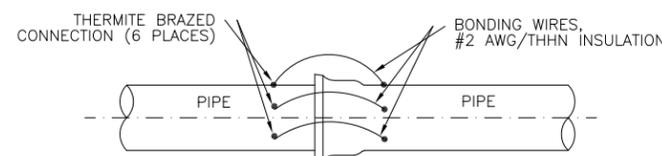
11 VALVE BONDING ARRANGEMENT

MAINLINE WITH CATHODIC PROTECTION



13 ELECTRICAL BONDING ACROSS FLANGE

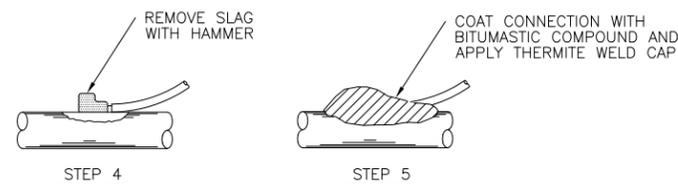
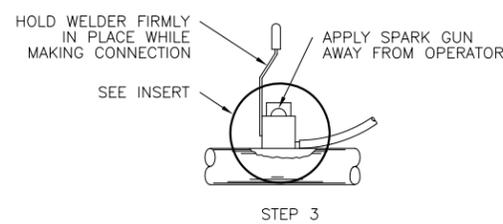
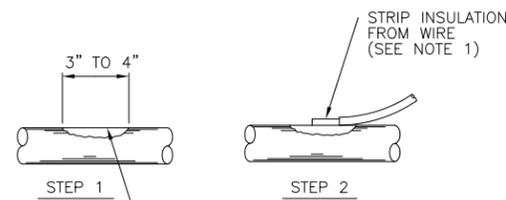
NOTE: BOND WIRES SHALL BE PLACED A MINIMUM OF 6" APART.



14 BELL & SPIGOT BONDING ARRANGEMENT

NOTE: BOND WIRES SHALL BE PLACED A MINIMUM OF 6" APART.

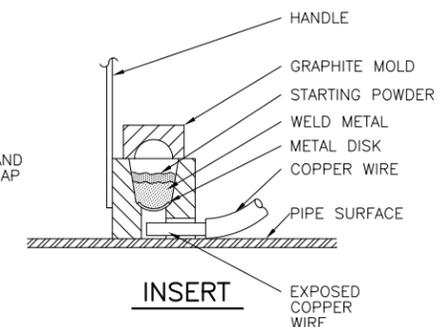
DUCTILE IRON PIPE



15 THERMITE BRAZED CONNECTION DETAIL

NOTES:

- WHEN #14 SOLID TO #10 SOLID WIRE IS USED, IT WILL BE NECESSARY TO INSTALL A COPPER SLEEVE OF ADEQUATE SIZE OVER BARE SECTION OF WIRE BEFORE CONNECTION IS ATTEMPTED.
- THERMITE WELD PROCEDURES SIMILAR FOR "L" BRACKETS.
- REPAIR ALL DAMAGE TO COATING AND LINING IN ACCORDANCE WITH MFG. RECOMMENDATIONS.



INSERT

NOTES:

- DETAILS SHOW BONDING ARRANGEMENTS ONLY. SEE JOINT DETAIL FOR PIPE JOINT REQUIREMENTS.

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
STANDARD LDWL CATHODIC PROTECTION DETAILS FOR JOINT BONDING	
SHEET 2 OF 2 (NOT TO SCALE)	
APPROVED BY:	APPROVED BY:
CITY ENGINEER	DIRECTOR OF PUBLIC WORKS AND ENGINEERING
EFF DATE: NOV-10-2016	DWG NO: