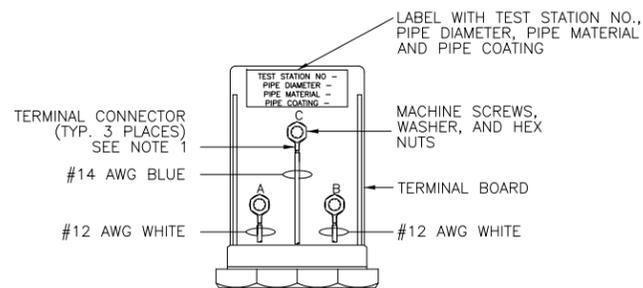


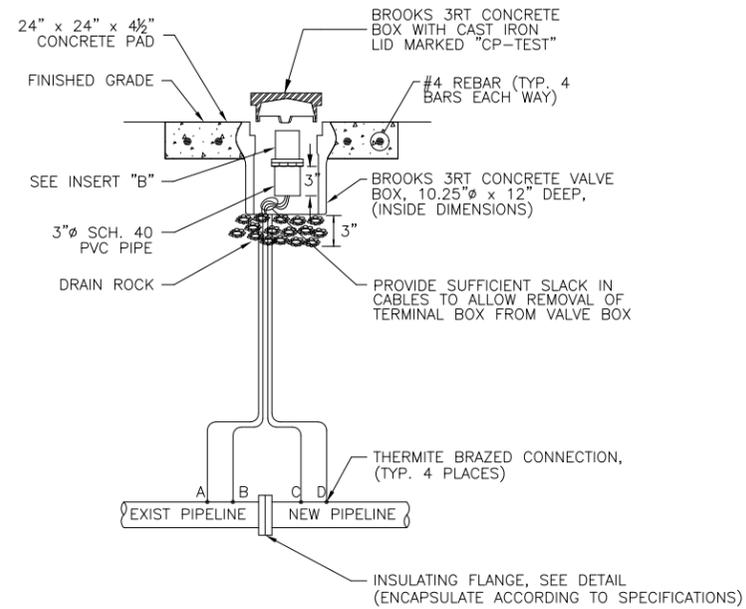
1 FLUSH MOUNTED POTENTIAL TEST STATION

- WIRE CODING:
 * WIRES A & B ARE WHITE, WIRE C IS BLUE
 * WIRES A & B ARE #12 AWG TW SOLID SINGLE CONDUCTOR WIRE
 * WIRES C IS #14 AWG WITH HMWPE INSULATION



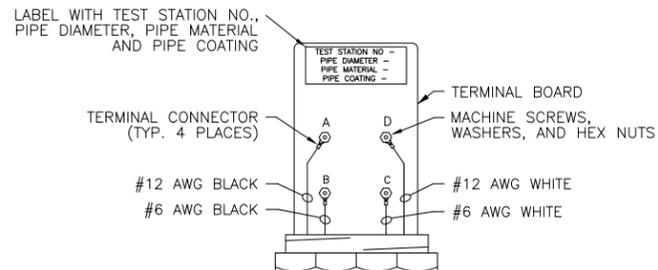
- NOTES:
 1. TERMINAL CONNECTORS SHALL BE RING TONGUE, BRAZED, COPPER, NON-INSULATED WITH $\frac{1}{4}$ " STUD SIZE - FOR WIRE SIZE 14-10 AWG, USE THOMAS & BETTS 54101 OR APPROVED EQUAL.

INSERT "A"



2 FLUSH MOUNTED FLANGE ISOLATION TEST STATION

- WIRE CODING:
 * WIRES A & B ARE BLACK, WIRES C & D ARE WHITE
 * WIRES A & D ARE #12 AWG TW SOLID SINGLE CONDUCTOR WIRE
 * WIRES B & C ARE #6 AWG TW STRANDED SINGLE CONDUCTOR
 * BLACK WIRES ATTACHED TO UNPROTECTED OR EXISTING PIPE
 * WHITE WIRES ATTACHED TO PROTECTED OR NEW PIPE



- NOTES:
 1. TERMINAL CONNECTORS SHALL BE RING TONGUE, BRAZED, COPPER, NON-INSULATED WITH $\frac{1}{4}$ " STUD SIZE - FOR WIRE SIZE 14-10 AWG, USE THOMAS & BETTS 54101 OR APPROVED EQUAL. - FOR WIRE SIZE 6 AWG, USE THOMAS & BETTS 54105 OR APPROVED EQUAL.

INSERT "B"

- NOTES:
 1. FOR THERMITE BRAZED CONNECTION DETAIL, SEE "CATHODIC PROTECTION DETAILS FOR JOINT BONDING, SHEET 2 OF 2, DETAIL 15".

CITY OF HOUSTON	
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING	
STANDARD LDWL CATHODIC PROTECTION DETAILS FOR TEST STATIONS	
SHEET 1 OF 3 (NOT TO SCALE)	
APPROVED BY:	APPROVED BY:
CITY ENGINEER	DIRECTOR OF PUBLIC WORKS AND ENGINEERING
EFF DATE: NOV-10-2016	DWG NO: