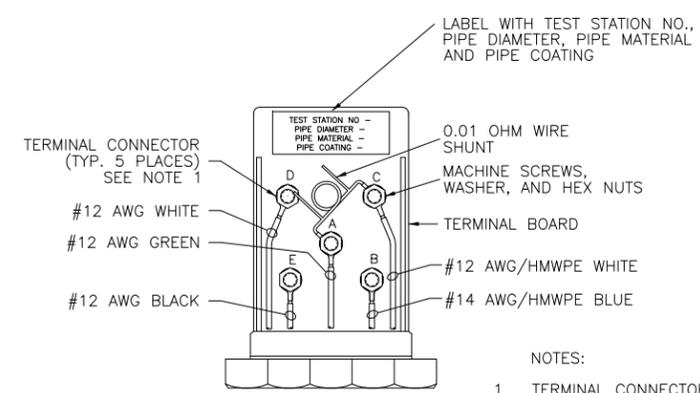


6 ABOVE GROUND CROSSING FLUSH MOUNTED FLANGE ISOLATION AND ANODE INSTALLATION TEST STATION

- WIRE CODING:
 * WIRES C & D ARE WHITE, WIRES E IS BLACK
 * WIRES D & E ARE #12 AWG TW SOLID SINGLE CONDUCTOR WIRE
 * WIRE C IS #12 AWG/HMWPE SOLID STRANDED SINGLE CONDUCTOR WIRE
 * WIRE A IS GREEN #12 AWG ANODE LEAD WIRE TO 48 LB. MAGNESIUM
 * WIRE B IS BLUE #14 AWG/HMWPE LEAD WIRE TO REFERENCE CELL

7 TEST STATION INSTALLATION IN MANHOLE



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

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