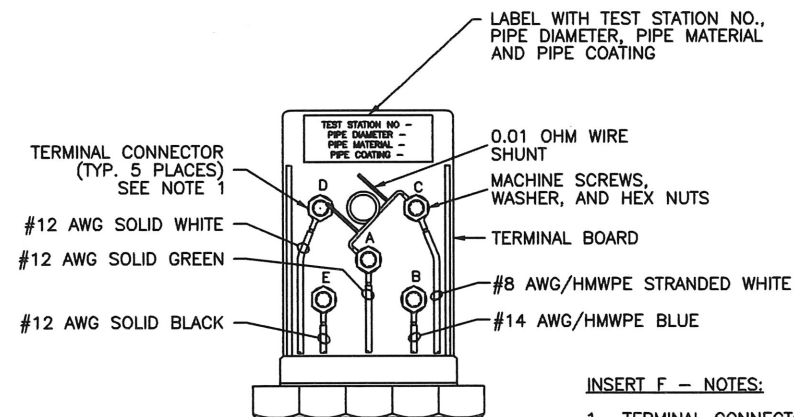


6 ABOVE GROUND CROSSING FLUSH MOUNTED FLANGE ISOLATION AND ANODE INSTALLATION TEST STATION

- WIRE CODING:
- \* WIRES C & D ARE WHITE, WIRE E IS BLACK
  - \* WIRES D & E ARE #12 AWG TW SOLID SINGLE CONDUCTOR WIRE
  - \* WIRE C IS #8 AWG/HMWPE 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

INSERT "F"

- INSERT F - NOTES:
1. TERMINAL CONNECTORS SHALL BE RING TONGUE, BRAZED, COPPER, NON-INSULATED WITH  $\frac{1}{4}$ " STUD SIZE

CITY OF HOUSTON HOUSTON PUBLIC WORKS	
STANDARD LDWL CATHODIC PROTECTION DETAILS FOR TEST STATIONS (SHEET 3 OF 3) (NOT TO SCALE)	
APPROVED BY: <i>Suhail Kanwar</i> CITY ENGINEER	APPROVED BY: <i>Paul Haddad</i> DIRECTOR OF HOUSTON PUBLIC WORKS
EFF DATE: JUL - 01 - 2021	DWG NO: 15641-03