NOT TO SCALE

CITY OF REDWOOD CITY
ENGINEERING AND TRANSPORTATION

CATHODIC PROTECTION
AT FITTINGS & VALVES

DATE: 11/25/19

W - 20
PVC

0. PETROLATUM WRAP TAPE ALL MJ JOINTS
1. INSTALL JUMPER BONDS WHEN TAPPING TO EXIST METALLIC PIPE
2. INSTALL TWO AWG #4 HMWPE (BLACK) JUMPER BOND WIRES (TYP.) TO EACH DIP FITTING
3. VALVE
4. VALVE BOX AND RISER, SEE DETAIL W-42
5. TEST LEAD AND DRAIN CABLE
6. TEST STATION, SEE DETAIL W-16
7. TEST STATION, SEE DETAIL W-21
8. ANODE LEAD
9. INSTALL TWO AWG #4 HMWPE (BLACK) JUMPER BOND WIRES (TYP.) TO EACH DIP FITTING

NOTES:
1. SS316 STAINLESS STEEL TAPPING SLEEVES DO NOT REQUIRE CATHODIC PROTECTION.
2. ALL MJ JOINTS SHALL BE PROTECTED WITH A PETROLATUM TAPE WRAP SYSTEM.
3. FLANGE BY FLANGE CONNECTIONS WITH SS316 BOLTS DO NOT REQUIRE PETROLATUM TAPE WRAP SYSTEMS.
4. JUMPER BONDS TO STAINLESS STEEL FITTINGS, WHEN REQUIRED, SHALL BE F-33 ERICO CADWELD.