

LEGEND:

ANODE BED AND TEST STATION



INSULATED FLANGE JOINT TEST STATION



PLOT: EXTEND

22,34

RED 0.70MM YELLOW 0.20MM

GREEN 0.25MM CYAN 0.40MM BLUE 0.50MM MAGENTAO.20MM

WHITE 0.35MM GRAY 0.15MM 9 0.15MM 10 1.00MM 100 0.70MM 210 0.60MM

SCALE: 1:1

COLOR: No.

BORDER:

INSULATED FLANGE JOINT

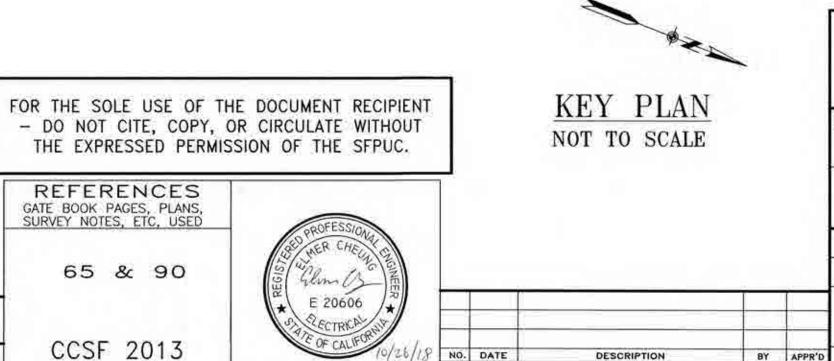
GENERAL NOTES:

- 1. FOR EXACT DIMENSIONS OF THE PIPELINES AND APPURTENANCES, SEE PIPELINE DRAWINGS.
- CORROSION PROTECTION FOR THESE PIPELINES SHALL CONSIST OF PREPACKAGED MAGNESIUM ANODES INSTALLED AT THE TEST STATION LOCATION SHOWN ON THE CATHODIC PROTECTION SITE PLAN. THE EXACT LOCATION OF THE ANODES AND TEST STATIONS SHALL BE DETERMINED IN THE FIELD AND SUBMITTED TO THE CITY REPRESENTATIVE FOR REVIEW.
- 3. THE NEW 36-INCH DIP WATER PIPELINE SHALL BE ELECTRICALLY ISOLATED FROM THE EXISTING PIPELINES USING DIELECTRIC INSULATING FLANGE KITS. INSTALL INSULATING FLANGE KIT AND GASKET ON THE 36" GATE VALVE.
- 4. THE BURIED NON-WELDED AND NON-INSULATED FLANGE JOINTS ALONG THE NEW WATER PIPELINE ALIGNMENT PROVIDED UNDER THE CONTRACT SHALL BE BONDED WITH ONE #8 AWG/HMWPE INSULATED BOND CABLE PER JOINT, PER DETAIL 2 ON PLAN NO. WD-2775-17, TO PROVIDE ELECTRICAL CONTINUITY FOR CATHODIC PROTECTION.
- 5. UNLESS OTHERWISE NOTED, ALL COMPONENTS AS HIGHLIGHTED ARE NEW AND TO BE INSTALLED UNDER THE CONTRACT.
- 6. WIRING SHOWN IS ONLY A SCHEMATIC AND ACTUAL WIRING LAYOUT SHALL BE DETERMINED IN THE FIELD.
- 7. THE CATHODIC PROTECTION LAYOUT IS ONLY A SCHEMATIC DIAGRAM. THE ACTUAL INSTALLATION AND LAYOUT SHALL BE PER FINAL APPROVED SUBMITTAL.
- 8. APPLY WAX TAPE TO ALL BURIED PIPE FLANGE JOINTS PER DETAIL 4 ON PLAN NO. WD-2775-17.
- 9. ALL BURIED DUCTILE IRON PIPELINES SHALL BE ENCASED IN POLYETHYLENE ENCASEMENT, SEE SPEC 33 11 41.
- 10. THE ANODE TEST STATION BOX SHALL BE LOCATED ON THE SIDEWALK. THE SIDEWALK SHALL BE RESTORED PER THE CITY'S REQUIREMENT. ALTERNATIVELY, IT WILL BE ACCEPTABLE TO INSTALL THE TEST STATION BOX ON THE GRASSY AREA ALONG THE SIDEWWALK OR THE ROAD VERGE.

PLAN APPROVAL DATE	CONTRACT No.	PROJECT ID	DISTRICT	COUNTY	ROUTE	POST MILES TOTAL PROJECT
	04-0G3501	0400000325	04	SF	1	R0.94/4.05

A	ANODE BED AND TEST STATION SCHEDULE					
TEST STATION NO.	DETAIL PLAN NO.	PIPELINE TO BE PROTECTED	NO. OF ANODES			
A-1	DETAIL 1, WD-2775-15	(N) 36"ø DIP	8			
A-2	DETAIL 1, WD-2775-15	(N) 36"ø DIP	8			

INSULATI	ED FLANGE JOINT AN	ID TEST STATION SCHEDULE
TEST STATION NO.	DETAIL PLAN NO.	PIPELINE TO BE ISOLATED
F-1	DETAIL 4, WD-2775-18	(N) 36"ø DIP



WATER CONTRACT NO. WD-2775 CONTRACT NO. 2652J

CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION

INFRASTRUCTURE DIVISION

ENGINEERING MANAGEMENT BUREAU INSTALLATION OF 16-INCH AND 36-INCH, AND RELOCATION OF

8-INCH DUCTILE IRON WATER MAINS AT VARIOUS LOCATIONS ON 19TH AVENUE FROM HOLLOWAY AVENUE TO LINCOLN WAY

CORROSION CONTROL PLAN

RYU/ RT

WD-2775-14 E-31383

BY APPR'D

REVISIONS

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

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NAVD88

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