



Performed in accordance with an Reg. for Info. Approved by Fuel's Div. Officer.

AS-BUILT DRAWINGS

Revised by:
F. Cortez
3-15-88

CATHODIC PROTECTION LEGEND

<p>PROVIDE RECTIFIER R-3 70 V, 60 A, 1ϕ OIL COOLED PROVIDE 208VAC FROM 35 A BREAKER POLE TO RECTIFIER SEE DETAIL CP-4 CP-10</p>	<p>NEW CATHODIC PROTECTION TEST STATION WELDED TO STRUCTURE USING THE EXOTHERMIC WELD PROCESS SEE DETAIL CP-4 CP-11</p>
<p>NEW CATHODIC PROTECTION JUNCTION BOX SEE DETAIL CP-4 CP-12</p>	<p>NEW CATHODIC PROTECTION CABLE MARKER SEE DETAIL CP-4 CP-13</p>
<p>A-# NEW 19mm X 1219mm MIXED METAL OXIDE TUBULAR SHALLOW ANODE SEE DETAIL CP-4 CP-11</p>	<p>EXISTING POWER POLE</p>
<p>(+) NEW POSITIVE CATHODIC PROTECTION CABLE NO. 1 AWG STRD COPPER WIRE W/HMWPE INSUL. IN 38mm ϕ PVC CONDUIT ENCASED IN CONCRETE AT ALL LOCATIONS INCLUDING AROUND TANKS SEE TRENCH DETAIL CP-4 CP-11</p>	<p>EPOXY RESIN CABLE SPLICE SEE DETAIL CP-4 CP-13</p>
<p>(-) NEW NEGATIVE CATHODIC PROTECTION CABLE NO. 1 AWG STRD COPPER WIRE W/HMWPE INSUL. IN 38mm ϕ PVC CONDUIT ENCASED IN CONCRETE AT ALL LOCATIONS INCLUDING AROUND TANKS SEE TRENCH DETAIL CP-4 CP-11</p>	<p>EXOTHERMIC WELD TO PIPE SEE DETAIL CP-4 CP-13</p>

RECTIFIER R-3 CATHODIC PROTECTION SYSTEM

SCALE: 1:480

NOTES:

- TANKS NO. 381, 1084 AND 1086 ARE CUT AND COVER WITH ONLY STEEL SIDE WALLS EXPOSED TO SOIL.
- TANKS NO. 2270, 2271 AND 2272 ARE ABOVE GRADE SET ON RING WALLS WHICH ARE MOUNTED ON ROCK.
- THE DIKE FLOOR AROUND ABOVE GRADE TANKS IS COVERED WITH ASPHALT WHICH IS SEALED.
- NEW TEST STATIONS AND PERMANENT REFERENCE CELLS ARE TO BE PROVIDED FOR MONITORING CATHODIC PROTECTION LEVELS ON TANKS NO. 381, 1084, 1086, 2270, 2271, & 2272.
- INSTALL NEW SHALLOW ANODES AROUND TANKS NO. 381, 1084 AND 1086 AS SHOWN.
- INSTALL NEW SHALLOW ANODE BEDS AS SHOWN FOR TANKS 2270, 2271, & 2272.
- RUN ALL NEW CABLE IN CONCRETE ENCASED PVC.
- INSTALL NEW NEGATIVE CONNECTIONS USING EXOTHERMIC WELDS.

IF SHEET IS LESS THAN 594 X 841 IT IS A REDUCED PRINT SCALE REDUCED ACCORDINGLY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK AMONG THE VARIOUS TRADES AS NECESSARY TO AVOID CONFLICTS AND TO INSURE THE INSTALLATION OF ALL WORK WITHIN THE AVAILABLE SPACE.

CP-4 SATISFACTORY TO DATE TITLE

PSG Corrosion Engineering 8840 Complex Dr. Ste. 100 San Diego, CA 92123	DEPARTMENT OF THE NAVY SOUTHWEST DIVISION SAN DIEGO, CALIFORNIA
DES CKM DR EC CHK PUR SUPV CKM CH ENG RBJ SUBMITTED BY: <i>Blaine C. Stapp</i> DATE: 4-30-99 FIRM MEMBER (TITLE) DISTRICT MGR.	DFSP ROOSEVELT ROADS PROJECT FY 97, RRD 97-3 REPAIR CATHODIC PROTECTION SYSTEMS DFSP ROOSEVELT ROADS
SW DIV NFEORVQ BR MGR DIFE PDE ATT INBM DIR	RECTIFIER R-3 CATHODIC PROTECTION SYSTEM
APPROVED	SIZE CODE IDENT. NO. NAVFAC DRAWING NO. D 80091 8129756
FOR COMMANDER NAVFAC DATE	CONST. CONTR. NO. N67811-98-C-5742 SCALE AS NOTED SPEC. 11-98-5742 SHEET 5 OF 15

