



### CATHODIC PROTECTION LEGEND

- PROVIDE RECTIFIER R-6  
80 V, 12 A, 1 $\phi$  OIL COOLED  
PROVIDE 208VAC FROM 10 A BREAKER  
POLE TO RECTIFIER  
SEE DETAIL CP-8/CP-10
- A-# NEW 19mm X 1219mm MIXED METAL OXIDE  
TUBULAR SHALLOW ANODE  
SEE DETAIL CP-8/CP-11
- (+) NEW POSITIVE CATHODIC PROTECTION CABLE  
NO. 1 AWG STRD COPPER WIRE W/HMWPE INSUL.  
IN 38mm  $\phi$  PVC CONDUIT ENCASED IN CONCRETE  
AT ALL LOCATIONS INCLUDING AROUND TANKS  
SEE TRENCH DETAIL CP-8/CP-11
- (-) NEW NEGATIVE CATHODIC PROTECTION CABLE  
NO. 1 AWG STRD COPPER WIRE W/HMWPE INSUL.  
IN 38mm  $\phi$  PVC CONDUIT ENCASED IN CONCRETE  
AT ALL LOCATIONS INCLUDING AROUND TANKS  
SEE TRENCH DETAIL CP-8/CP-11
- NEW CATHODIC PROTECTION CABLE MARKER  
SEE DETAIL CP-8/CP-13
- EXOTHERMIC WELD TO PIPE  
SEE DETAIL CP-8/CP-13
- EXISTING POWER POLE

### AS-BUILT DRAWINGS

Revised by  
F. Cortez  
3-15-02



RECTIFIER R-6 CATHODIC PROTECTION SYSTEM

SCALE: 1:600

CP-1/CP-8

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-8 SATISFACTORY TO DATE  
TITLE

PSG Corrosion Engineering 8840 Complex Dr. Ste. 100 San Diego, CA 92123		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND SOUTHWEST DIVISION SAN DIEGO, CALIFORNIA	
DES CKM	DR EC	CHK PUR	DFSP ROOSEVELT ROADS
SUPV CKM	CH ENG RBJ		DESC PROJECT FY 97, RRD 97-3
SUBMITTED BY <i>Blum 1-22-99</i> 4-2-99 FIRM MEMBER (TITLE) DISTRICT MGR.		REPAIR CATHODIC PROTECTION SYSTEMS DFSP ROOSEVELT ROADS	
SW DIV NFEC-RVD BR MGR. DFPE PDE <i>AZT</i> INBM.		RECTIFIER R-6 CATHODIC PROTECTION SYSTEM	
APPROVED	SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
	D	80091	8129760
FOR COMMANDER NAVFAC	DATE	SCALE	AS NOTED
		SPEC. 11-98-5742	SHEET 9 OF 15