



- NOTES:**
1. INSTALL NEW TEST STATIONS AT TANKS NO. 1995 & 1996.
  2. INSTALL SEVEN (7) ANODES AND CONNECT ANODE CABLE TO NEW RECTIFIER.
  3. RUN ALL NEW CABLES IN CONCRETE ENCASED PVC.

CATHODIC PROTECTION LEGEND	
<input checked="" type="checkbox"/>	PROVIDE RECTIFIER R-7 100 V, 22 A, 1 $\phi$ OIL COOLED PROVIDE 208VAC FROM 20A BREAKER PANEL TO RECTIFIER SEE DETAIL $\frac{3}{CP-9 CP-10}$
A-#	NEW 19mm X 1219mm MIXED METAL OXIDE TUBULAR SHALLOW ANODE SEE DETAIL $\frac{2}{CP-9 CP-11}$
(+)	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 $\frac{1}{CP-9 CP-11}$
(-)	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 $\frac{1}{CP-9 CP-11}$
M	NEW CATHODIC PROTECTION CABLE MARKER SEE DETAIL $\frac{2}{CP-9 CP-13}$
$\otimes$	EXISTING POWER POLE
$\diamond$	EPOXY RESIN CABLE SPLICE SEE DETAIL $\frac{3}{CP-9 CP-13}$
$\ominus$	NEW CATHODIC PROTECTION ABOVE GROUND TANK TEST STATION SEE DETAIL $\frac{5}{CP-9 CP-13}$
$\bullet$	EXOTHERMIC WELD TO PIPE SEE DETAIL $\frac{5}{CP-9 CP-13}$

AS-BUILT DRAWINGS  
Revised by  
F. Carter - JF  
3-15-00



RECTIFIER R-7 CATHODIC PROTECTION SYSTEM  $\frac{1}{CP-1, CP-2|CP-9}$   
SCALE: 1:360

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.

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 PJR	DFSP ROOSEVELT ROADS
SUPV CKM	CH ENG RBJ	DATE	DESC PROJECT FY 97, RRD 97-3
SUBMITTED BY: <i>Blaine P. Steinhilber</i>		DATE: 4-30-99	REPAIR CATHODIC PROTECTION SYSTEMS
FIRM MEMBER (TITLE): DISTRICT MGR.			DFSP ROOSEVELT ROADS
SW DIV NPEC/RVD	BR MOR		RECTIFIER R-7
DFPE	PDE AZZ	INSM	CATHODIC PROTECTION SYSTEM
DIR			NAVAC DRAWING NO. 8129761
APPROVED			CONST. CONTR. NO. N67811-98-C-5742
SATISFACTORY TO	DATE	SCALE AS NOTED	SPEC. 11-98-5742 SHEET 10 OF 15
FOR COMMANDER NAVFAC	DATE		



CP-9