



RECTIFIER R-5 CATHODIC PROTECTION SYSTEM  
SCALE: 1:200

AS-BUILT DRAWINGS

Revised by  
F. Carter  
3-15-00

NOTES:

1. TANKS NO. 212 & 213 ARE CONCRETE CUT AND COVER AND ARE IN SERVICE FOR MOTOR FUEL. ONLY PIPING FROM THE TANKS TO THE LOCAL DISPENSERS ARE IN SERVICE.
2. THE PIPING IS WELDED CARBON STEEL.

CATHODIC PROTECTION LEGEND

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| PROVIDE RECTIFIER R-5<br>60 V, 12 A, 1Ø OIL COOLED<br>PROVIDE 208VAC FROM 1Ø A BREAKER<br>POLE TO RECTIFIER<br>SEE DETAIL<br>CP-7/CP-10  | NEW NEGATIVE CATHODIC PROTECTION CABLE<br>NO. 1 AWG STRD COPPER WIRE W/HMWPE INSUL.<br>IN 38mm Ø PVC CONDUIT ENCASED IN CONCRETE<br>AT ALL LOCATIONS INCLUDING AROUND TANKS<br>SEE TRENCH DETAIL<br>CP-7/CP-11 |
| NEW 19mm X 1219mm MIXED METAL OXIDE<br>TUBULAR SHALLOW ANODE<br>SEE DETAIL<br>CP-7/CP-11   | NEW CATHODIC PROTECTION CABLE MARKER<br>SEE DETAIL<br>CP-7/CP-13   |
| NEW POSITIVE CATHODIC PROTECTION CABLE<br>NO. 1 AWG STRD COPPER WIRE W/HMWPE INSUL.<br>IN 38mm Ø PVC CONDUIT ENCASED IN CONCRETE<br>AT ALL LOCATIONS INCLUDING AROUND TANKS<br>SEE TRENCH DETAIL<br>CP-7/CP-11 | EXISTING POWER POLE<br>EXOTHERMIC WELD TO PIPE<br>SEE DETAIL<br>CP-7/CP-13   |

5m 0 5 10 15m  
SCALE 1:200 1cm = 2m

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-7

SATISFACTORY TO DATE  
TITLE

<b>PSG Corrosion Engineering</b> 8840 Complex Dr. Ste. 100 San Diego, CA 92123		DEPARTMENT OF THE NAVY <b>SOUTHWEST DIVISION</b> SAN DIEGO, CALIFORNIA	
DES CKM SUPV CKM SUBMITTED BY FIRM MEMBER (TITLE)		DR. EC CHK. PJR CH. ENG. RBJ DATE DISTRICT MGR.	
SW DIV NPEC-RVD DFPE APPROVED		BR MGR. INRM NAVFAC DRAWING NO. <b>8129759</b>	
FOR COMMANDER NAVFAC		SCALE AS NOTED SPEC. 11-98-5742 SHEET 8 OF 15	

