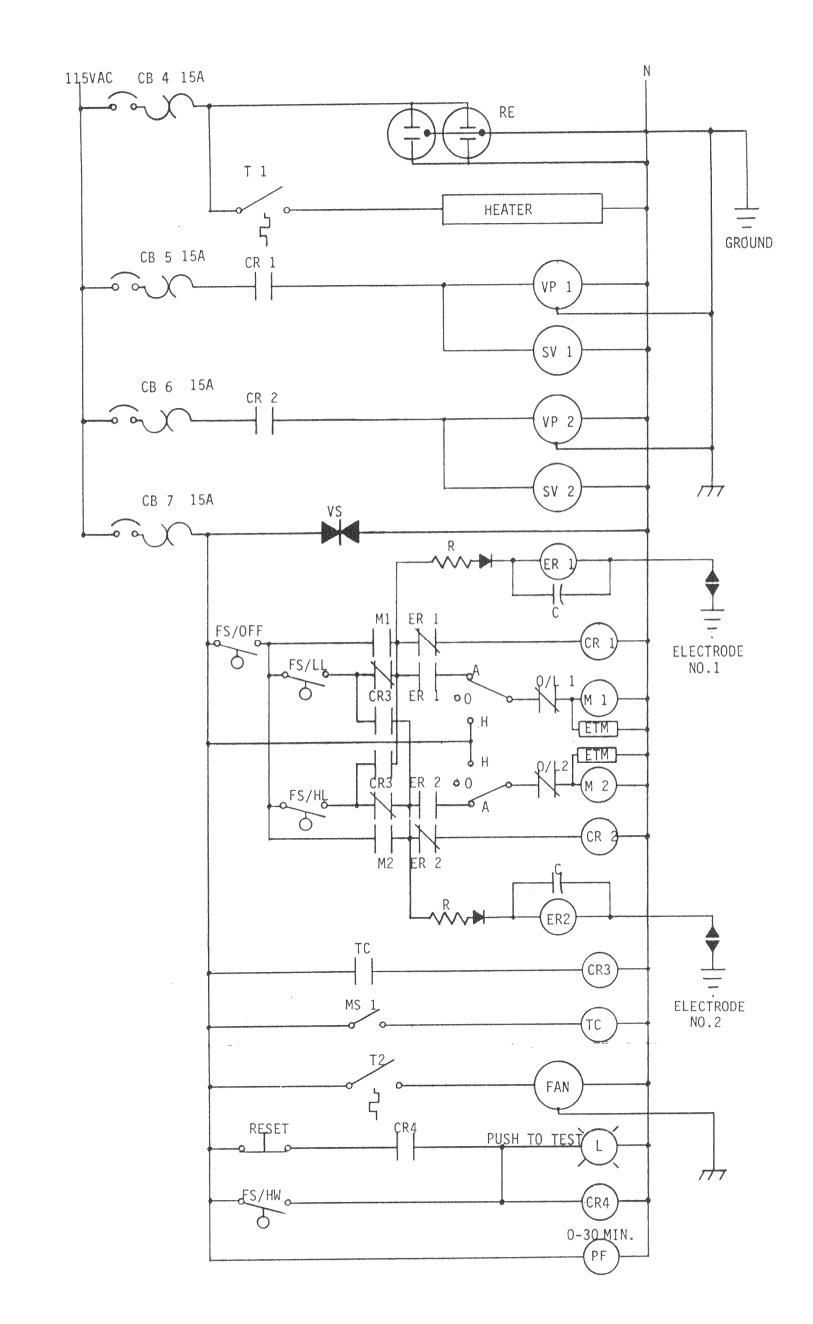


24X36 PRINTED ON NO. 1000H-10 CLEARPRINT FADE-OUT



C CAPACITOR M MOTOR STARTER CB CIRCUIT BREAKER MS MANUAL SWITCH CR CONTROL RELAY O/L OVERLOAD RELAY ER ELECTRODE RELAY PF POWER FAIL RELAY ETM ELAPSED TIME METER R RESISTOR FAN HOUSING VENT FAN RE RECEPTACLE-CONVENIENCE OUTLET GROUND FAULT INTERRUPT TYPE FS FLOAT SWITCH SV SOLENOID VALVE LL-LOW LEVEL T THERMOSTAT HL-HIGH LEVEL T1 CLOSES 37°, OPENS 52° HW-HIGH WET WELL T2 CLOSES 90°, OPENS 75° (ALARM) HOA HAND, OFF, AUTO SWITCH TO TIME CLOCK-7 DAY TYPE L PANEL LAMP-PTT TYPE VP VACUUM PUMP VS VOLTAGE TRANSIENT SUPPRESSOR

NOTES

ALL WIRING SHALL BE STRANDED COPPER, THHN OR BETTER.

THE 3 KVA 240/120 VOLT TRANSFORMER SHALL BE OF THE DRY, SILENT, CLOSED TYPE. CONTRACTOR SHALL TAKE CARE THAT IT IS CONNECTED TO ONE OF THE TWO CLOSED PHASES OF THE OPEN DELTA POWER SERVICE.

TELEMETRY WIRING SHALL USE TERMINAL BLOCKS TO TERMINATE CONTACT SET AND THE TELEPHONE LINE.

WEATHERPROOF OUTSIDE SERVICE PEDESTAL SHALL BE COMPART-MENTED, WITH ONE AREA FOR ENTRANCE AND METER AND ANOTHER FOR MAIN DISCONNECT, A 50 AMP./240 VOLT CIRCUIT BREAKER. ENTRANCE PANELS FOR BOTH SIDES SHALL BE LOCKABLE. METER SOCKET AND COMPARTMENT SHALL MEET APPLICABLE PG&E SPECIFICATIONS. A TESCO TYPE 20-000 LB OR EQUAL WILL BE SATISFACTORY.

POWER FAIL RELAY SHALL BE OF THE PNEUMATIC TYPE, DELAY ON BREAK, ADJUSTABLE FROM 0-30 MINUTES.

TIME CLOCK TO BE SEVEN DAY TYPE CAPABLE OF AT LEAST 4 ON/OFF OPERATIONS PER 24 HOURS. IT IS TO BE SET UP FOR ALTERNATING ON/OFF PERIODS OF APPROXIMATELY 8.4 HOURS (8 HOURS, 24 MINUTES). THIS GIVES 20 EQUAL PERIODS PER WEEK WITH EACH PUMP IN LEAD ALTERNATELY. CLOCK SHALL HAVE MANUAL OVER-RIDE SWITCH AND SLIP-CLUTCH ON, FACE FOR TIME ADJUSTMENT. A PARAGON TYPE 7007-00 OR EQUAL. A TIME CLOCK WITH ONE ROTATION EVERY SIXTEEN HOURS WILL ALSO MEET THE REQUIREMENTS.

A PERMANENT, ENGRAVED PLASTIC LABEL SHALL BE PUT ON THE CONTROL PANEL TO READ:

TELEMETRY ALARM SENT BY:

1. HIGH WET WELL

2. POWER FAIL

(AFTER DELAY)

A SECOND LABEL SHALL READ "HIGH WET WELL" AND WILL BE PLACED OVER THE ALARM LIGHT ON THE CONTROL PANEL. LETTERING WILL BE .25" OR LARGER. LABELS TO BE ATTACHED EITHER MECHANICALLY OR WITH RTV ADHESIVE. FOAM BACKED STRIPS NOT ACCEPTABLE.

ALL COMPONENTS, WIRING AND ELECTRICAL PRACTICES SHALL MEET OR EXCEED NEC, LOCAL CODES AND OSHA REQUIREMENTS.



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OROVILLE - INDUSTRIAL UNIT 2
ELECTRICAL PLAN

SCALE: NONE APPROVED BY: DRAWN BY SD

DATE: 14 MAY 82

SANDEL-AVERY DRAWS PASS RCAD, DRAWCH 2469, TRIKKEE, CA 95754
PIG 587 4725

DRAWING NUMBER

EL OF 12 SUTS

SS-325