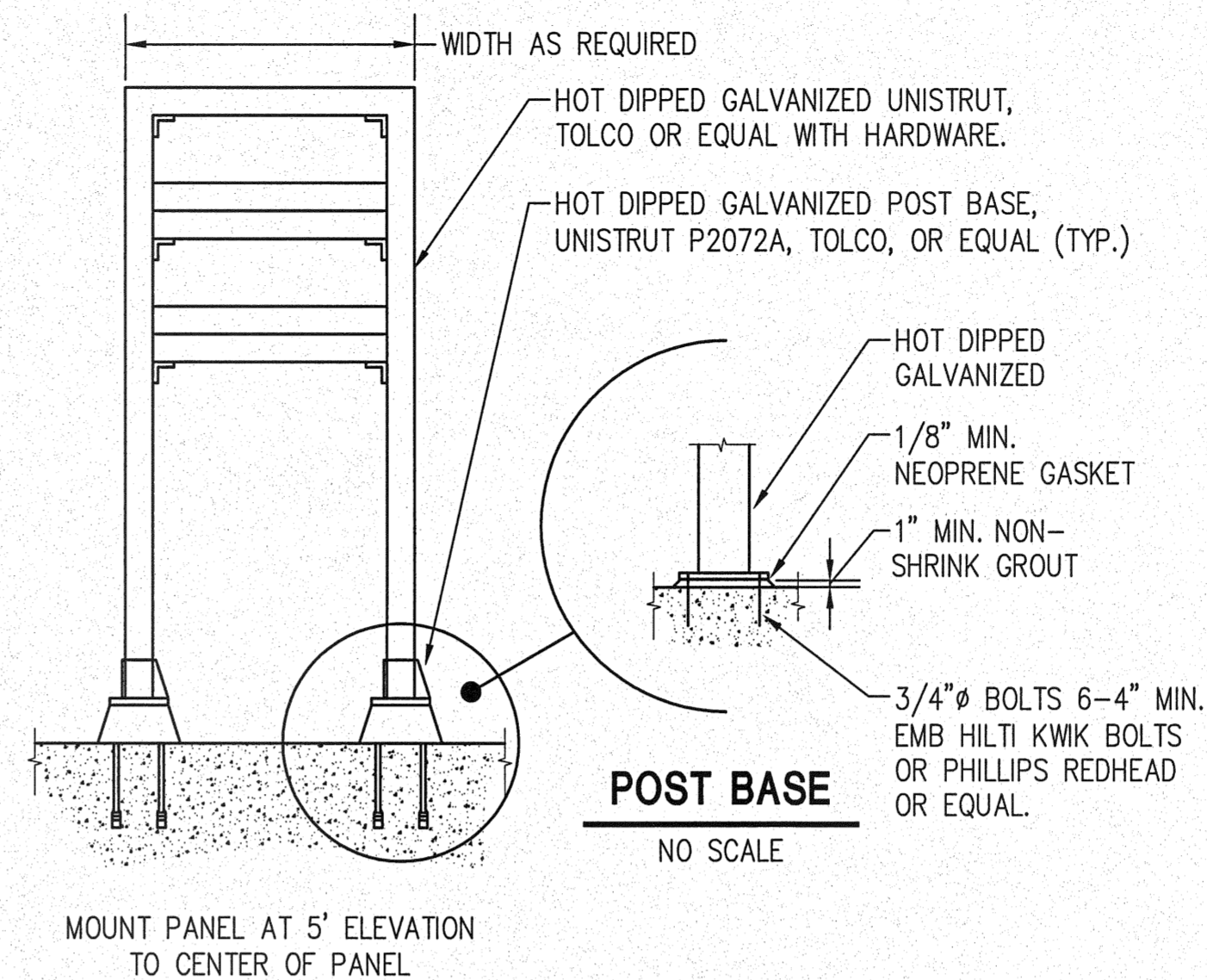
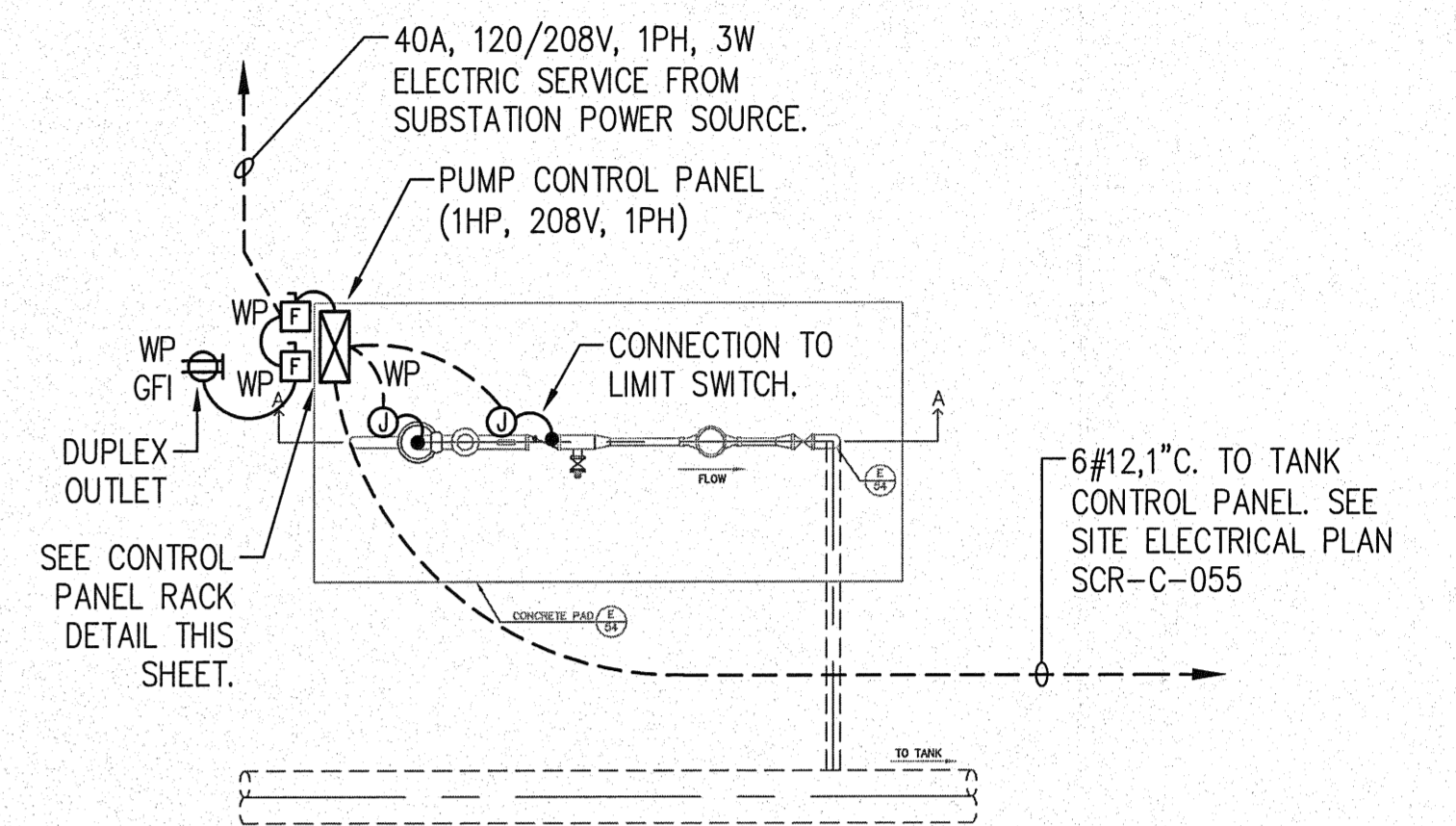


WELL PUMP #1 SINGLE LINE DIAGRAM
NO SCALE

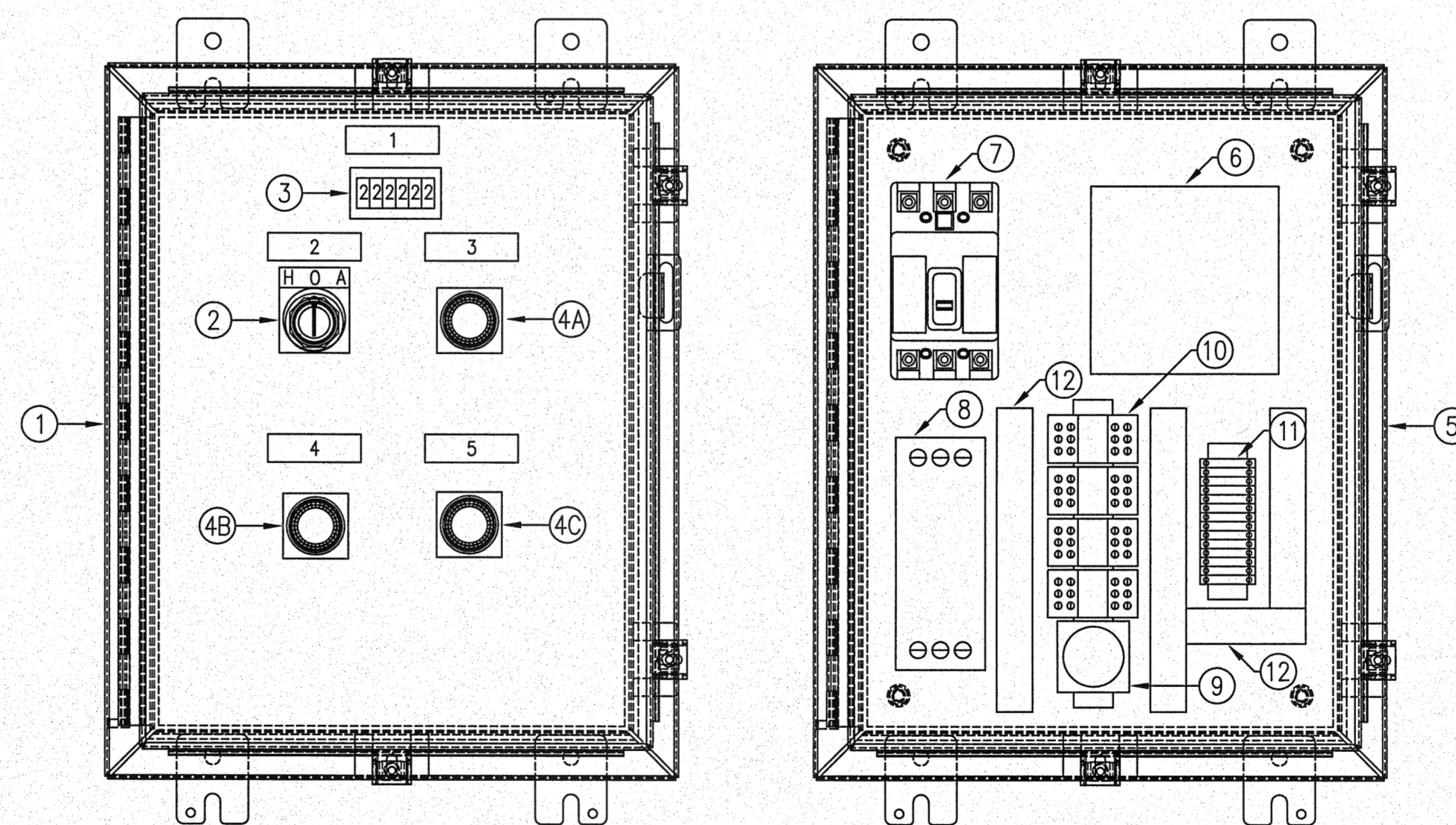


CONTROL PANEL RACK DETAIL
NO SCALE



WELL PUMP #1 ELECTRICAL PLAN
3/8"=1'-0"

WELL PUMP #1 CONTROL DIAGRAM
NO SCALE



WELL PUMP #1 CONTROL PANEL DETAIL
NO SCALE

MATERIAL SCHEDULE		
ITEM	MANUFACTURER	DESCRIPTION
1	HOFFMAN	NEMA 4 ENCLOSURE A-20H16BLP
2	ALLEN BRADLEY	3 POSITION SWITCH 800T-J2A
3	GRAINGER	ELAPSED TIME METER 6X160
4A	ALLEN BRADLEY	LIGHT 800T-PT16G
4B	ALLEN BRADLEY	LIGHT 800T-PT16R
4C	ALLEN BRADLEY	LIGHT 800T-PT16A
5	HOFFMAN	BACKPLANE A-20P16
6	ALLEN BRADLEY	TRANSFORMER 1497A-A9-M8-3-N
7	EATON	SERIES C MOTOR CIRCUIT PROTECTOR 7HMCP
8	EATON	FVNR STARTER W200MLCFC
9	ALLEN BRADLEY	TDR 700HR52TA17, 700-HN101
10	ALLEN BRADLEY	RELAYS 700-HA33A1, 700HN-126
11	PHOENIX CONTACT	TERMINAL BLOCKS UK5
12	PANDUIT	1" x 3" WIREWAY

PART NUMBERS LISTED ARE INTENDED TO REFLECT THE GENERAL INTENT OF THE PROJECT REQUIREMENTS. THE SUPPLIER SHALL VERIFY THAT THE COMPONENTS ARE PROPERLY RATED FOR THE INTENDED APPLICATION.

NAMEPLATE SCHEDULE	
ITEM	DESCRIPTION
1	PUMP 1 CONTROL PANEL
2	PUMP 1 RUN
3	PUMP 1 ON
4	PUMP 1 OFF
5	PUMP 1 GEN FAILURE

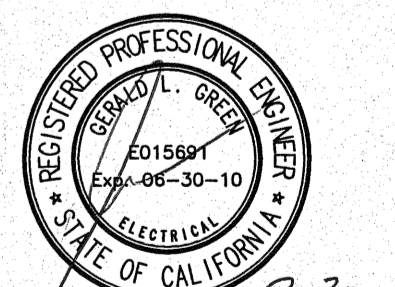
REVISIONS

NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SUNCREST SUBSTATION 2
WATER WELL PUMP #1 DETAILS

DRAWN BY: DG DATE: 3/24/10 SCALE: AS NOTED W.O.: - REV: 0
 CHECKED BY: GG DATE: -
 APPROVED BY: GG DATE: - SHEET 58 OF 66
 CAD NO.: G4-08125 ELEC PLOT SCALE: 1:1



G4 ENGINEERING, INC.
electrical consultants
825 KUHN DRIVE, SUITE 103
CHULA VISTA, CA 91914
(619) 934-0825 PH (619) 934-0825 FAX

SCR-C-058

P:\2008 PROJECTS\08125-SDGE SUNCREST\ELEC MD\G4-08125 ELEC