

PANEL VEAC-01A		LOCATION LVEA RM 105		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING RECESSED		MAIN											
		PHASE 3	WIRE 4	FEEDER	BUS 100										
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	1	1			1920	1920 2867	8600			3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2	
3	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	3	1			1920	1920 2867					4			
5	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	5	1			1400	1400 2867					6			
7	SPACE	7					1920	5800			3	8	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	8	
9	SPACE	9										10			
11	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	11	1			1400	1920 1400					12			
13	SPACE	13										14	SPACE	14	
15	SPACE	15										16	SPACE	16	
17	SPACE	17										18	SPACE	18	
19	MAIN BREAKER (BACKFEED TO BUS)	19	3				950	950			1	20	RECEPTACLES TRAP PRIMER	20	
21		21						1500			2	22	W-CS-136-WH-05 (1.5 KVA)	22	
23		23										24	W-CS-136-WH-05 (1.5 KVA)	24	
25		25										26			
27		27										28			
29		29										30			
TOTAL							7671	7471	7471						
TOTAL CONNECTED LOAD (VA)							22613								
(AMPS)							62.76								

PANEL VEAC-03A		LOCATION LVEA RM 103		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING RECESSED		MAIN											
		PHASE 3	WIRE 4	FEEDER	BUS 225										
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	1	1			1920	1920 2867	8600			3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2	
3	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	3	1			1920	1920 2867					4			
5	SPACE	5					1400 2867					6			
7	SPACE	7					1934	5800			3	8	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	8	
9	SPACE	9										10			
11	SPACE	11					1934					12			
13	SPACE	13										14	SPACE	14	
15	SPACE	15										16	SPACE	16	
17	SPACE	17										18	SPACE	18	
19	SPACE	19					950	950			1	20	RECEPTACLES TRAP PRIMER	20	
21	SPACE	21						1500			2	22	W-CS-136-WH-03 (1.5 KVA)	22	
23	SPACE	23					750					24	W-CS-136-WH-03 (1.5 KVA)	24	
25	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	25	1			1920	1920 2867	8600			3	26	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	26	
27	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	27	1			1920	1920 2867					28			
29	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	29	1			1400	1400 2867					30			
31	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	31	1			1400	1400 1934	5800			3	32	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	32	
33	SPACE	33					1934					34			
35	SPACE	35										36			
37	MAIN BREAKER (BACKFEED TO BUS)	37	3				1934	1934				38	SPACE	38	
39		39										40	SPACE	40	
41		41										42	SPACE	42	
TOTAL							15792	14192	11752						
TOTAL CONNECTED LOAD (VA)							41736								
(AMPS)							115.84								

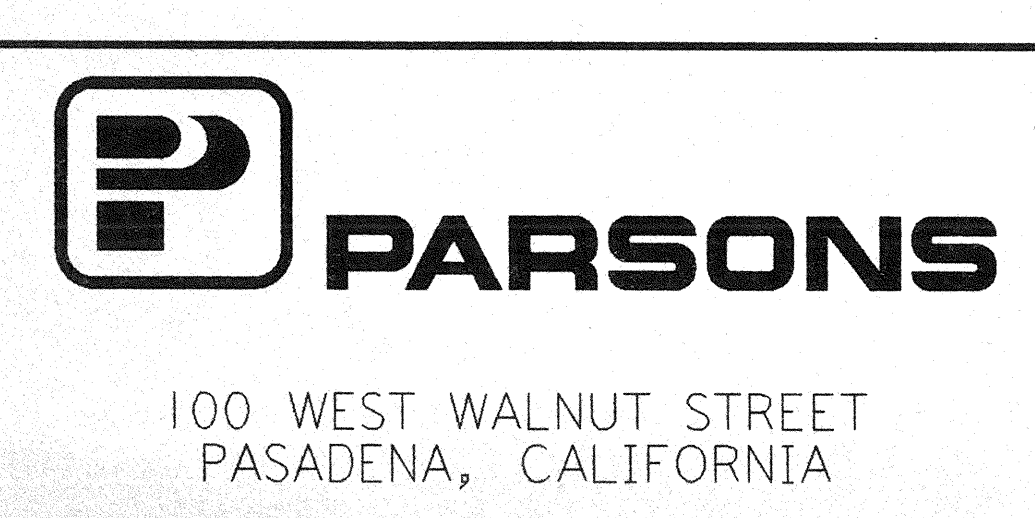
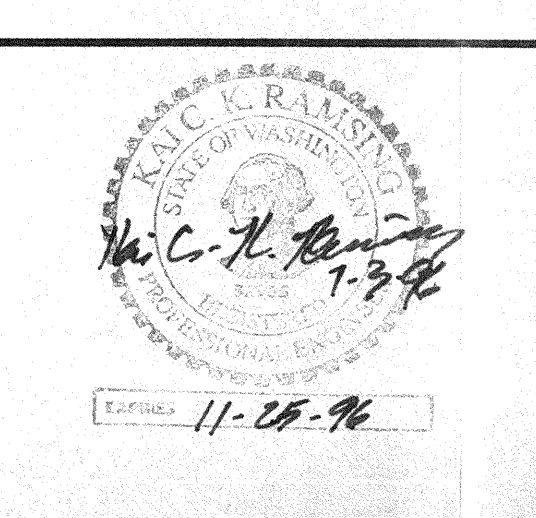
PANEL VEAC-02A		LOCATION LVEA RM 104		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING RECESSED		MAIN											
		PHASE 3	WIRE 4	FEEDER	BUS 100										
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	1	1			1920	1920 2867	8600			3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2	
3	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	3	1			1920	1920 2867					4			
5	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	5	1			1400	1400 2867					6			
7	SPACE	7					1934	5800			3	8	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	8	
9	SPACE	9										10			
11	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	11	1			1400	1934 1400					12			
13	SPACE	13										14	SPACE	14	
15	SPACE	15										16	SPACE	16	
17	SPACE	17										18	SPACE	18	
19	MAIN BREAKER (BACKFEED TO BUS)	19	3				800	800			1	20	RECEPTACLES TRAP PRIMER	20	
21		21						1500			2	22	W-CS-136-WH-04 (1.5 KVA)	22	
23		23					750					24	W-CS-136-WH-04 (1.5 KVA)	24	
25		25										26			
27		27										28			
29		29										30			
TOTAL							7521	7471	8351						
TOTAL CONNECTED LOAD (VA)							23343								
(AMPS)							64.79								

PANEL VEAC-04A		LOCATION LVEA RM 103		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING RECESSED		MAIN											
		PHASE 3	WIRE 4	FEEDER	BUS 225										
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	1	1			1920	1920 2867	8600			3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2	
3	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	3	1			1920	1920 2867					4			
5	SPACE	5						2867				6			
7	SPACE	7					1934	5800			3	8	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	8	
9	SPACE	9										10			
11	SPACE	11					1934					12			
13	SPACE	13						1934				14	SPACE	14	
15	SPACE	15						1150	1150		1	16	COMMUNICATIONS SUMP PUMP	16	
17	SPACE	17										18	SPACE	18	
19	SPACE	19					1180				1	20	RECEPTACLES TRAP PRIMER	20	
21	SPACE	21						1500			2	22	W-CS-136-WH-06 (1.5 KVA)	22	
23	SPACE	23					750					24	W-CS-136-WH-06 (1.5 KVA)	24	
25	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	25	1			1920	1920 2867	8600			3	26	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	26	
27	VAC. EQUIP. LOAD (1.9 KVA) GENRL. ION. AUX. TURBO	27	1			1920	1920 2867					28			
29	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	29	1			1400	1400 2867					30			
31	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	31	1			1400	1400 1934	5800			3	32	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	32	
33	SPACE	33					1934					34			
35	SPACE	35										36			
37	MAIN BREAKER (BACKFEED TO BUS)	37	3				1934					38	SPACE	38	
39		39										40	SPACE	40	
41		41										42	SPACE	42	
TOTAL							16022	15342	11752						
TOTAL CONNECTED LOAD (VA)							43116								
(AMPS)							119.67								

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ISSUED FOR CONSTRUCTION	DATE	BY
DRAWN	M. M.	6-25-96
CHECKED		7-3-96
ENGINEER		7-3-96
PROJ		7/8/96

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION



LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO. 1 - HANFORD, WASHINGTON		
TITLE	SHEET NUMBER	CONTRACT NUMBER
ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES	NONE	PP150969
PROJECT NUMBER		8094
REVISIONS		WA-E-119