

PANEL VEAC-01A		LOCATION LVEA RM 105		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING RECESSED	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) GENL. 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) GENL. 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	1400 1920					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					750	1500			2	22	W-CS-136-WH-05 (1.5 KVA)	22	
		23					750					24	W-CS-136-WH-05 (1.5 KVA)	24	
		25										26		26	
		27										28		28	
		29										30		30	
		31										32	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	32	
		33										34		34	
		35										36		36	
		37										38	SPACE	38	
		39										40	SPACE	40	
		41										42	SPACE	42	
TOTAL							7671	7471	7471						
TOTAL CONNECTED LOAD (VA)							22613								
(AMPS)							62.76								

PANEL VEAC-02A		LOCATION LVEA RM 104		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING RECESSED	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) GENL. 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) GENL. 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	1400 1934					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					750	1500			2	22	W-CS-136-WH-04 (1.5 KVA)	22	
		23					750					24	W-CS-136-WH-04 (1.5 KVA)	24	
		25										26		26	
		27										28		28	
		29										30		30	
		31										32	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	32	
		33										34		34	
		35										36		36	
		37										38	SPACE	38	
		39										40	SPACE	40	
		41										42	SPACE	42	
TOTAL							7521	7471	8351						
TOTAL CONNECTED LOAD (VA)							23343								
(AMPS)							64.79								

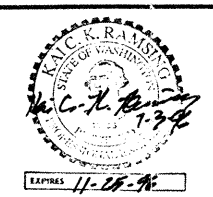
PANEL VEAC-03A		LOCATION LVEA RM 103		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING RECESSED	PHASE 3	WIRE 4	FEEDER BUS 225										
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	TRIP	VOLT AMPS	PHASE LOAD (VA)	VOLT AMPS	TRIP	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	VAC. EQUIP. LOAD (1.9 KVA) GENL. ION. AUX. 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) GENL. 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					750	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) GENL. 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) GENL. ION. AUX. TURBO	27	1			1920	1920 2867					28		28	
29	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	29	1			1400	1400 2867					30		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										34		34	
35	SPACE	35					1934					36		36	
37	MAIN BREAKER (BACKFEED TO BUS)	37	3					1934				38	SPACE	38	
		39										40	SPACE	40	
		41										42	SPACE	42	
TOTAL							15792	14192	11752						
TOTAL CONNECTED LOAD (VA)							41736								
(AMPS)							115.84								

PANEL VEAC-04A		LOCATION LVEA RM 103		VOLTS 208Y/120V											
FED FROM	CKT #	MOUNTING RECESSED	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) GENL. 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) GENL. 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										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					750	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) GENL. 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) GENL. ION. AUX. TURBO	27	1			1920	1920 2867					28		28	
29	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	29	1			1400	1400 2867					30		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										34		34	
35	SPACE	35					1934					36		36	
37	MAIN BREAKER (BACKFEED TO BUS)	37	3									38	SPACE	38	
		39										40	SPACE	40	
		41										42	SPACE	42	
TOTAL							16022	15342	11752						
TOTAL CONNECTED LOAD (VA)							43116								
(AMPS)							119.67								

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION
 DRAWN M.M. 6-25-96
 CHECKED C.J. 7-2-96
 ENGINEER J.S. 7-2-96
 PROJ. M.W. 7/1/96



100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 1 - HANFORD, WASHINGTON

TITLE	ELECTRICAL CORNER STATION LVEA VEAC PANEL SCHEDULES	DWG. NO.	NONE	CONTRACT NUMBER	PP150969	PROJECT NUMBER	8094
SHEET NUMBER							WA-E-119

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