

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
							A	B	C							
1	VAC. EQUIP. LOAD (1.9 KVA) GEN'L. ION. AUX. TURBO	1	1	12	20	1920	1920	2867		8600	20	3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2	
3	VAC. EQUIP. LOAD (1.9 KVA) GEN'L. ION. AUX. TURBO	3	1	12	20	1920	1920	2867					4			
5	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	5	1	12	20	1400							6			
7	NS-27	7	1	12	20		1920			5800	20	3	8	VAC. EQUIP. LOAD (5.8 KVA) GENERAL LOADS	8	
9	3-3	9	1	12	20			1920					10			
11	3-15	11	1	12	20	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	20	1	20	RECEPTACLES TRAP PRIMER	20	
		21						750		1500	20	2	22	W-CS-136-WH-05 (1.5 KVA)	22	
		23											24	W-CS-136-WH-05 (1.5 KVA)	24	
		25											26			
		27											28			
		29											30			
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										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
							A	B	C							
1	VAC. EQUIP. LOAD (1.9 KVA) GEN'L. ION. AUX. TURBO	1	1	12	20	1920	1920	2867		8600	20	3	2	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	2	
3	VAC. EQUIP. LOAD (1.9 KVA) GEN'L. ION. AUX. TURBO	3	1	12	20	1920	1920	2867					4			
5	VAC. EQUIP. LOAD (1.4 KVA) GATE VALVE	5	1	12	20	1400							6			
7	SPACE	7					1934			5800	20	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	12	20			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	20	1	20	RECEPTACLES TRAP PRIMER	20	
		21						750		1500	20	2	22	W-CS-136-WH-04 (1.5 KVA)	22	
		23											24	W-CS-136-WH-04 (1.5 KVA)	24	
		25											26			
		27											28			
		29											30			
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										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
							A	B	C							
1	RB-4	1	1	10	30	1920	1920	2867		8600	20	3	2	TURBO PUMP RB-6	2	
3	RB-5	3	1	10	30	1920	1920	2867					4			
5	RB-13	5			20								6			
7	CHECK VALVE	7			20		1934			5800	20	3	8	TURBO PUMP RB-11	8	
9	BOC DS 12	9			20			1934					10			
11	BOC DS 13	11			20				1934				12			
13	BOC VS 14	13			20								14	SPARE	14	
15	BOC VS 23	15			20								16	SPARE	16	
17	SPACE	17											18	SPARE	18	
19	SPACE	19					950			950	20	12	1	RECEPTACLES TRAP PRIMER	20	
21	SPACE	21						750		1500	20	12	2	W-CS-136-WH-03 (1.5 KVA)	22	
23	SPACE	23											24	W-CS-136-WH-03 (1.5 KVA)	24	
25	RB-9	25	1	10	20	1920	1920	2867		8600	20	3	26	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	26	
27	B/C RB-10	27	1	10	20	1920	1920	2867					28			
29	BC DS-3	29	1	10	20	1400							30			
31	PUMP DS-8	31	1	10	20	1400	1400	1934		5800	20	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				125			1934	20	1	38	SPARE	38	
		39											40	SPARE	40	
		41											42	SPARE	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										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
							A	B	C							
1	BOC-LB4	1	1	12	20	1920	1920	2867		8600	20	12	3	2	TURBO PUMP LD-6	2
3	BOC-LB5	3	1	12	20	1920	1920	2867					4			
5	CHECK VALVE LB-13	5	1	12	20			2867					6			
7	CHECK VALVE LB-3	7	1	12	20		1934			5800	20	12	3	8	TURBO PUMP LB-9	8
9	BOC-DS 6	9	1	12	20			1934					10			
11	BOC-DS 19	11	1	12	20				1934				12			
13	BOC-DS 20	13	1	12	20								14	SPARE	14	
15	SPACE	15	1	12	20			1150		1150	20	1	16	COMMUNICATIONS SUMP PUMP	16	
17	SPACE	17	1	12	20								18	SPARE	18	
19	SPACE	19					1180						20	RECEPTACLES TRAP PRIMER	20	
21	SPACE	21						750		1500	20	12	2	W-CS-136-WH-06 (1.5 KVA)	22	
23	SPACE	23											24	W-CS-136-WH-06 (1.5 KVA)	24	
25	LB-8	25	1	12	20	1920	1920	2867		8600	20	3	26	VAC. EQUIP. LOAD (8.6 KVA) GENERAL LOADS	26	
27	LB-11	27	1	12	20	1920	1920	2867					28			
29	SPACE	29	1	12	20	1400							30			
31	SPACE	31	1	12	20	1400	1400	1934		5800	20	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				125				20	1	38	SPARE	38	
		39											40	SPARE	40	
		41											42	SPARE	42	
TOTAL							16022	15342	11752							
TOTAL CONNECTED LOAD (VA)							43116									
(AMPS)							119.67									


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REFERENCES		REVISIONS		ISSUED FOR CONSTRUCTION	
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKO
		1	6-15-98	J. G.	
ISSUED FOR AS-BUILT					
AS-BUILT DRAWINGS					

DRAWN M. M. 6-25-96		
CHECKED J. K. 7-3-96		
ENGINEER K. R. 7-3-96		
PROJ M. D. W. 7-8-96		



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

ELECTRICAL
CORNER STATION LVEA
VEAC
PANEL SCHEDULES

SCALE: NONE
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