

PANEL VEAC-18		LOCATION LVEA RM 103				VOLTS 480Y/277V									
FED FROM	CKT #	MOUNTING RECESSED		MAIN		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	HEATER BLANKET CART	1	3	30	27000	9000	1233	3700	20	3	2		MAIN ROUGHING PUMP	2	
3		3		30		9000	1233		20		4				
5		5		30		9000	1233		20		6				
7	MAIN TURBO PUMP	7	1	20	400	400	9000	27000	30	3	8		PORTABLE CLEAN ROOM	8	
9	SPARE	9		20		9000			30		10				
11	SPARE	11		20		9000			30		12				
13	SPARE	13	3	20		9000		27000	30	3	14		PORTABLE CLEAN ROOM	14	
15	SPARE	15		20		9000			30		16				
17	SPARE	17		20		9000			30		18				
19	C-CC-PD-VEAC-19	19	1	30	27400	9133	15000	45000	40	4	3	20	W-C-CC-T-VEAC-05	20	
21		21	1	30		9133	15000		40	4	22				
23		23	1	30		9133	15000		40	4	24				
25	SPACE	25									26		SPACE	26	
27	SPACE	27									28		SPACE	28	
29	SPACE	29									30		SPACE	30	
TOTAL							52366	52366	52366						
TOTAL CONNECTED LOAD (VA)							157090								
(AMPS)							188.94								

PANEL VEAC-19		LOCATION LVEA RM 103				VOLTS 480Y/277V									
FED FROM	CKT #	MOUNTING RECESSED		MAIN		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	HEATER BLANKET CART	1	3	60	20000	9000			60		3	2	SPARE	2	
3		3		60		9000			60		4				
5		5		60		9000			60		6				
7	MAIN TURBO PUMP	7	1	20	400	400	9000		60		3	8	SPARE	8	
9	SPARE	9	1	20					60		10				
11	SPARE	11	1	20					60		12				
TOTAL							9400	9000	9000						
TOTAL CONNECTED LOAD (VA)							27400								
(AMPS)							32.95								

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

PANEL 103-CDSAC-02		LOCATION LVEA RM 103				VOLTS 208Y/120V									
FED FROM	CKT #	MOUNTING RECESSED		MAIN		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	CDS RACK POWER CIRCUIT NO. 1	1	1	20	1920	1920	1920	1920	20	1	2		CDS RACK POWER CIRCUIT NO. 2	2	
3	CDS RACK POWER CIRCUIT NO. 3	3	1	20	1920	1920	1920	1920	20	1	4		CDS RACK POWER CIRCUIT NO. 4	4	
5	CDS RACK POWER CIRCUIT NO. 5	5	1	20	1920	1920	1920	1920	20	1	6		CDS RACK POWER CIRCUIT NO. 6	6	
7	CDS RACK POWER CIRCUIT NO. 7	7	1	20	1920	1920	1920	1920	20	1	8		CDS RACK POWER CIRCUIT NO. 8	8	
9	CDS RACK POWER CIRCUIT NO. 9	9	1	20	1920	1920	1920	1920	20	1	10		CDS RACK POWER CIRCUIT NO. 10	10	
11	CDS RACK POWER CIRCUIT NO. 11	11	1	20	1920	1920	1920	1920	20	1	12		CDS RACK POWER CIRCUIT NO. 12	12	
13	CDS RACK POWER CIRCUIT NO. 13	13	1	20	1920	1920	1920	1920	20	1	14		CDS RACK POWER CIRCUIT NO. 14	14	
15	CDS RACK POWER CIRCUIT NO. 15	15	1	20	1920	1920	1920	1920	20	1	16		CDS RACK POWER CIRCUIT NO. 16	16	
17	CDS RACK POWER CIRCUIT NO. 17	17	1	20	1920	1920	1920	1920	20	1	18		CDS RACK POWER CIRCUIT NO. 18	18	
19	SPARE	19	1	20					20	1	20		SPACE	20	
21	SPARE	21	1	20					20	1	22		SPACE	22	
23	SPARE	23	1	20					20	3	24		SPACE	24	
25	SPACE	25									26		SPACE	26	
27	SPACE	27									28		SPACE	28	
29	SPACE	29									30		SPACE	30	
31	SPACE	31									32		SPACE	32	
33	SPACE	33									34		SPACE	34	
35	SPACE	35									36		SPACE	36	
37	SPACE	37									38		SPACE	38	
39	SPACE	39									40		SPACE	40	
41	SPACE	41									42		SPACE	42	
TOTAL							11520	11520	11520						
TOTAL CONNECTED LOAD (VA)							34560								
(AMPS)							95.9								

* ISOLATED 200% NEUTRAL BUS


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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	6-15-98	J. G.				ISSUED FOR AS-BUILT

AS-BUILT DRAWINGS		
ISSUED FOR CONSTRUCTION	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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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE	SCALE	DRAWING NUMBER	PROJECT NUMBER
ELECTRICAL CORNER STATION 3RD INTERFEROMETER PANEL SCHEDULES	AS NOTED	PP150969	8094
SHEET NUMBER		REVISIONS	
WA-E-508			

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