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PANEL VEAC.01A		LOCATION ROOM 202		VOLTS 208Y/120V													
FED FROM	CKT #	MOUNTING Recessed		MAIN 100A													
DP.01	19	PHASE 3	WIRE 4	FEEDER 4*2/0 & 1*4	BUS 100A												
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	GEN RCPT PUMP 1	1	1	20		1900	A	B	C	8600	30			3	2	GENERAL LOAD	2
3	GEN RCPT PUMP 2	3	1	20		1900								4			4
5	GATE VALVE 1	5	1	20		1400								6			6
7	SPARE	7	1	20		0				0	20			8	SPARE	8	
9	SPARE	9	1	20		0				0	20			10	SPARE	10	
11	GATE VALVE 2	11	1	20		1400				0	20			12	SPARE	12	
TOTAL							4767	4767	5667								
TOTAL CONNECTED LOAD (VA)							15200										
(AMPS)							42.2										

PANEL VEAC.02A		LOCATION ROOM 202		VOLTS 208Y/120V													
FED FROM	CKT #	MOUNTING Recessed		MAIN 100A													
DP.01	19	PHASE 3	WIRE 4	FEEDER 4*2/0 & 1*4	BUS 100A												
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	GEN RCPT PUMP 3	1	1	20		1900	A	B	C	8600	30			3	2	GENERAL LOAD	2
3	GEN RCPT PUMP 4	3	1	20		1900								4			4
5	GATE VALVE 3	5	1	20		1400								6			6
7	VE RACK (FUTURE)	7	1	20		1900				0	20			8	SPARE	8	
9	SPARE	9	1	20		0				0	20			10	SPARE	10	
11	GATE VALVE 4	11	1	20		1400				0	20			12	SPARE	12	
TOTAL							6667	4767	5667								
TOTAL CONNECTED LOAD (VA)							17100										
(AMPS)							47.5										

PANEL DP.01		LOCATION ROOM 203		VOLTS 480Y/277V													
FED FROM	CKT #	MOUNTING Surface Mount		MAIN 800AF/800AT													
XFMR TR-01		PHASE 4	WIRE 4	FEEDER (2)4*500KCMIL	BUS 800A												
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	HEATER HC-03	1	3	125		75000	A	B	C	6318	20			3	2	AIR COMPRESS AC-01,AC-02	2
3		3												4			4
5		5												6			6
7	CHILLER CH-01	7	3	150		77000				77000	150			3	8	CHILLER CH-02	8
9		9												10			10
11		11												12			12
13	SPARE	13	3	100		0				0	100			3	14	SPARE	14
15		15												16			16
17		17												18			18
19	XFMR TR-02	19	3	100		75000				67255	200			3	20	PNL DP-02	20
21		21												22			22
23		23												24			24
25	PNL CDSAC.01	25	3	70		11520				83400	200			3	26	PNL VEAC.01B	26
27		27												28			28
29		29												30			30
31	PNL VEAC.02B	31	3	100		47401				0	100			1	32	SPARE	32
33		33								0	100			1	34	SPARE	34
35		35								0	100			1	36	SPARE	36
37	MC.01	37	3	175		93111				30000	100			3	38	PNL VEAC.04B	38
39		39												40			40
41		41												42			42
TOTAL							213629	212222	217156								
TOTAL CONNECTED LOAD (VA)							643007										
(AMPS)							773.4										

\* NOTE:  
 THIS SCHEDULE IS FOR REFERENCE ONLY.  
 SEE SINGLE LINE DIAGRAM ON DRAWING \*  
 LA-E-008 FOR DISTRIBUTION PANEL DP-01.

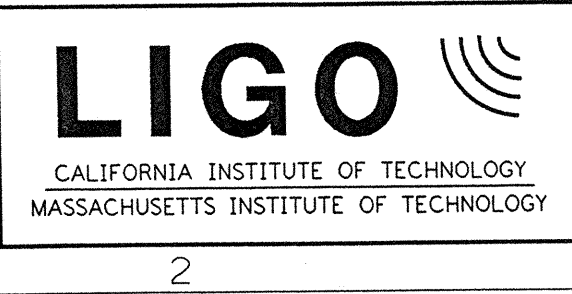
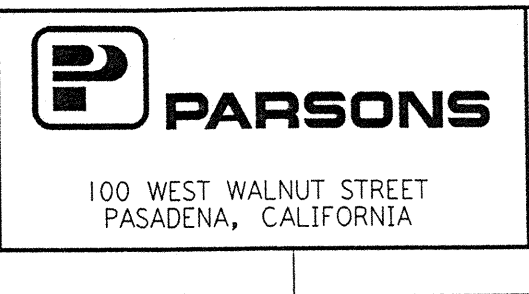
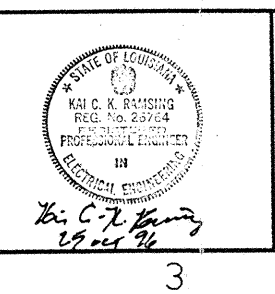
PANEL CDSAC.01		LOCATION ROOM 202		VOLTS 208Y/120V													
FED FROM	CKT #	MOUNTING Recessed		MAIN 100A													
DP.01	25	PHASE 3	WIRE 4	FEEDER 4*2/0 & 1*4	BUS 100A												
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	CDS RACK POWER	1	1	20		1920	A	B	C	1920	20			1	2	CDS RACK POWER	2
3	CDS RACK POWER	3	1	20		1920				1920	20			1	4	CDS RACK POWER	4
5	CDS RACK POWER	5	1	20		1920				1920	20			1	6	CDS RACK POWER	6
7	SPARE	7	1	20		0				0	20			1	8	SPARE	8
9	SPARE	9	1	20		0				0	20			1	10	SPARE	10
11	SPARE	11	1	20		0				0	20			1	12	SPARE	12
13	SPARE	13	1	20		0				0	20			1	14	SPARE	14
15	SPARE	15	1	20		0				0	20			1	16	SPARE	16
17	SPARE	17	1	20		0				0	20			1	18	SPARE	18
19	SPACE	19	1	0		0				0	0			1	20	SPACE	20
21	SPACE	21	1	0		0				0	0			1	22	SPACE	22
23	SPACE	23	1	0		0				0	0			1	24	SPACE	24
25	SPACE	25	1	0		0				0	0			1	26	SPACE	26
27	SPACE	27	1	0		0				0	0			1	28	SPACE	28
29	SPACE	29	1	0		0				0	0			1	30	SPACE	30
TOTAL							3840	3840	3840								
TOTAL CONNECTED LOAD (VA)							11520										
(AMPS)							32										

PANEL VEAC.04A		LOCATION ROOM 205		VOLTS 208Y/120V													
FED FROM	CKT #	MOUNTING Surface Mount		MAIN 100A													
DP.01	19	PHASE 3	WIRE 4	FEEDER 4*2/0 & 1*4	BUS 100A												
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	VE RACK	1	1	20		1900	A	B	C	0	20			1	2	SPARE	2
3	VAC GAUGE PS	3	1	20		1000				0	20			1	4	SPARE	4
5	MAIN ION PUMP PS	5	1	20		1400				0	20			1	6	SPARE	6
7	SPARE	7	1	20		0				0	20			1	8	SPARE	8
9	SPARE	9	1	20		0				0	20			1	10	SPARE	10
11	SPARE	11	1	20		0				0	20			1	12	SPARE	12
TOTAL							1900	1000	1400								
TOTAL CONNECTED LOAD (VA)							4300										
(AMPS)							12										

PANEL VEAC.04B		LOCATION ROOM 205		VOLTS 480Y/277V													
FED FROM	CKT #	MOUNTING Surface Mount		MAIN 100A													
DP.01	38	PHASE 3	WIRE 4	FEEDER 4*1 & 1*6	BUS 125A												
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
1	TURBO BACKING PUMP	1	3	30		8000	A	B	C	0	30			3	2	SPARE	2
3		3												4			4
5		5												6			6
7	SPARE	7	3	30		0				0	30			3	8	SPARE	8
9		9												10			10
11		11												12			12
TOTAL							2667	2667	2667								
TOTAL CONNECTED LOAD (VA)							8000										
(AMPS)							22.2										

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION	DATE
DRAWN	M. M. 11-15-96
CHECKED	JCL 7-24-96
ENGINEER	KCL 10-25-96
PROJ	2002 11/15/96



LASER INTERFEROMETER  
 GRAVITATIONAL-WAVE OBSERVATORY  
 SITE NO. 2 - LIVINGSTON, LOUISIANA

ELECTRICAL  
 END A AND B STATIONS  
 PANEL SCHEDULES

SCALE: NONE  
 SHEET NUMBER: PP150969  
 PROJECT NUMBER: 8094

**LA-E-206**