PANEL 163RP_1 — FED FROM — CKT #
LOCATION ROOM 163 — MOUNTING Recessed — PHASE 3 — WIRE 4 — FEEDER — VOLTS 120/208 — 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	RECP RM 165	1	3	0	0	8646	1260 1260	0	0	720	0	0	1	2	RECP RM 162	2
		3						0						4		
		5					1080	0	0 0	540	0	0	1	6	RECP RM 165	6
7	RECP RM 162	7	1	0	0	540	1150 4000	0 0	0 0	360	0	0	1	8	RECP RM 165	8
9	RECP RM 165	9	1	0	0	360	1080 7500	0 0	0 0	900	0	0	1	10	RECP RM 161	10
11	RECP RM 163	11	1	0	0	360	7500 4000	0 0	0 0	360	0	0	1	12	RECP RM 163	12
13	RECP RM 162	13	1	0	0	540	1080 7500	0 0	0 0	900	0	0	1	14	RECP RM 161	14
15	RECP RM 165	15	1	0	0	540	4000 1080	0 0	0 0	360	0	0	1	16	RECP RM 163	16
17	CORR 177	17	1	0	0	900	7500 4000	0 0	0 0	720	0	0	1	18	RECP RM 160	18
19	LTG RM 162	19	1	0	0	540	1800 54	0 0	0 0	300	0	0	1	20	FACP RM 161	20
21	RECP RM 163	21	1	0	0	360	2310 900	0 0	0 0	500	0	0	1	22	EXHAUST RM 137	22
23	PLATF RECP GFI	23	1	0	0	720	1176 0	0 0	0 0	0	0	0	1	24	Spare	24
25	MICROWAVE RM 145	25	1	0	0	1350	4000 0	0 0	0 0	0	0	0	1	26	Spare	26
27	Spare	27	1	0	0	0	0 960	0 960	0 960	0	0	0	1	28	Spare	28
29	Spare	29	1	0	0	0	960 960	960 960	960 960	0	0	0	1	30	Spare	30
31	COOK TOP RM 145	31	3	0	0	7300	0 1440	0	0	0	0	0	1	32	Spare	32
		33					960	0 960	960	0	0	0	1	34	Spare	34
		35					1440	0	0 0	0	0	0	1	36	Spare	36
37	Spare	37	1	0	0	0	1260 960	0 960	0 960	0	0	0	1	38	Spare	38
39	Spare	39	1	0	0	0	1440 1260	0 0	0 0	0	0	0	1	40	Spare	40
41	Spare	41	1	0	0	0	1080 1000	0 0	0 0	0	0	0	1	42	Spare	42
						TOTAL	10565	9055	8915							
						TOTAL CONNECTED LOAD (VA)	28536									
						(AMPS)										

PANEL 163RP_2 — FED FROM — CKT #
LOCATION ROOM 163 — MOUNTING Recessed — PHASE 3 — WIRE 4 — FEEDER — VOLTS 208Y/120V — 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	4 PLEX RM 162	1	1	12	20	1920	1920 1920	0 0	0 0	1920	20	12	1	2	4 PLEX RM 165	2
3	4 PLEX RM 162	3	1	12	20	1920	0 0	1920 1920	0 0	1920	20	12	1	4	4 PLEX RM 165	4
5	4 PLEX RM 162	5	1	12	20	1920	0 0	0 0	1920 1920	1920	20	12	1	6	4 PLEX RM 165	6
7	4 PLEX RM 162	7	1	12	20	1920	1920 1920	0 0	0 0	1920	20	12	1	8	4 PLEX RM 165	8
9	4 PLEX RM 162	9	1	12	20	1920	0 0	1920 1920	0 0	1920	20	12	1	10	4 PLEX RM 165	10
11	4 PLEX RM 162	11	1	12	20	1920	0 0	0 0	1920 1920	1920	20	12	1	12	4 PLEX RM 165	12
13	4 PLEX RM 162	13	1	12	20	1920	1920 1920	0 0	0 0	1920	20	12	1	14	4 PLEX RM 161	14
15	4 PLEX RM 162	15	1	12	20	1920	0 0	1920 1920	0 0	1920	20	12	1	16	4 PLEX RM 161	16
17	4 PLEX RM 162	17	1	12	20	1920	0 0	0 0	1920 1920	1920	20	12	1	18	4 PLEX RM 161	18
19	4 PLEX RM 161	19	1	12	25	2100	2100 1920	0 0	0 0	1920	20	12	1	20	4 PLEX RM 161	20
21	4 PLEX RM 161	21	1	12	20	1920	0 0	1920 0	0 0	0	0	0	1	22	Spare	22
23	Spare	23	1	0	0	0	0 0	0 0	0 0	0	0	0	1	24	Spare	24
25	Spare	25	1	0	0	0	0 0	0 0	0 0	0	0	0	1	26	Spare	26
27	Spare	27	1	0	0	0	0 0	0 0	0 0	0	0	0	1	28	Spare	28
29	Spare	29	1	0	0	0	0 0	0 0	0 0	0	0	0	1	30	Spare	30
31	Spare	31	1	0	0	0	0 0	0 0	0 0	0	0	0	1	32	Spare	32
33	Spare	33	1	0	0	0	0 0	0 0	0 0	0	0	0	1	34	Spare	34
35	Spare	35	1	0	0	0	0 0	0 0	0 0	0	0	0	1	36	Spare	36
37	Spare	37	1	0	0	0	0 0	0 0	0 0	0	0	0	1	38	Spare	38
39	Spare	39	1	0	0	0	0 0	0 0	0 0	0	0	0	1	40	Spare	40
41	Spare	41	1	0	0	0	0 0	0 0	0 0	0	0	0	1	42	Spare	42
						TOTAL	15540	13440	11520							
						TOTAL CONNECTED LOAD (VA)	40500									
						(AMPS)										

PANEL 172PP_1 — FED FROM — CKT #
LOCATION ROOM 172 — MOUNTING Recessed — PHASE 3 — WIRE 4 — FEEDER — VOLTS 480Y/277V — MAIN Main lugs — 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	JB RM 167	1	3	4	60	39905	13302 13302			39905	60	4	3	2	JB ROOM 167	2
		3						13302 13302						4		
		5							13302 13302					6		
7	RM 166	7	3	4	60	39905	13302 277			831	15	12	3	8	DOOR MOTOR 170	8
		9						13302 277						10		
		11							13302 277					12		
13	DOOR MOTOR 173	13	3	12	15	1496	499 277			831	15	12	3	14	DOOR MOTOR 170	14
		15						499 277						16		
		17							499 277					18		
19	J BOX RM 174	19	3	4	60	39905	13302 0	0	0	0	0	0	1	20	Spare	20
		21					0	13302 0	0	0	0	0	1	22	Spare	22
		23					0	0	13302 0	0	0	0	1	24	Spare	24
25	JB RM 167	25	3	4	60	39905	13302 13302			39905	60	4	3	26	JB FUME HOOD 169	26
		27						13302 13302						28		
		29							13302 13302					30		
31	JB BAKE OVEN 169	31	3	4	60	39905	13302 0	0	0	0	0	0	1	32	Spare	32
		33					0	13302 0	0	0	0	0	1	34	Spare	34
		35					0	0	13302 0	0	0	0	1	36	Spare	36
37	Spare	37	1	0	0	0	0 0	0 0	0 0	0	0	0	1	38	Spare	38
39	Spare	39	1	0	0	0	0 0	0 0	0 0	0	0	0	1	40	Spare	40
41	Spare	41	1	0	0	0	0 0	0 0	0 0	0	0	0	1	42	Spare	42
						TOTAL	94164	94164	94164							
						TOTAL CONNECTED LOAD (VA)	282493									
						(AMPS)										

PANEL 144RP_1 — FED FROM — CKT #
LOCATION ROOM 144 — MOUNTING Recessed — PHASE 3 — WIRE 4 — FEEDER — VOLTS 208Y/120V — 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	RECEP XEROX	1	3	0	0	2880	960 1440	0	0	1440	0	0	1	2	RECEPTACLE	2
		3					1260	960 0	0	1260	0	0	1	4	RECEPTACLE	4
		5					1080	0	960 0	1080	0	0	1	6	RECEPTACLE	6
7	DISHWASHER	7	1	0	0	1000	1000 720	0 0	0 0	720	0	0	1	8	REFIGERATOR	8
9	RECEPTACLE	9	1	0	0	360	0 1260	360 0	0 0	1260	0	0	1	10	RECEPTACLE	10
11	RECEPTACLE	11	1	0	0	1260	0 0	0 0	1260 1000	1000	0	0	1	12	RECEPTACLE	12
13	HEATER RM 139	13	1	0	0	7500	7500 1380	0 0	0 0	1380	0	0	1	14	RECEPTACLE	14
15	RECEPTACLE GFI	15	1	0	0	1260	0 0	1260 1080	0 0	1080	0	0	1	16	RECEPTACLE	16
17	RECEPTACLE	17	1	0	0	180	0 0	0 0	180 1260	1260	0	0	1	18	RECEPTACLE	18
19	RECEPTACLE	19	1	0	0	1260	1260 1260	0 0	0 0	1260	0	0	1	20	RECEPTACLE	20
21	RECEPTACLE	21	1	0	0	1260	0 0	1260 1080	0 0	1080	0	0	1	22	RECEPTACLE	22
23	DISPOSAL	23	1	0	0	1150	0 0	0 0	1150 4000	4000	0	0	1	24	HEATER RM 141	24
25	RECEPTACLE	25	1	0	0	1080	1080 7500	0 0	0 0	7500	0	0	1	26	HEATER STORAGE 144	26
27	HEATER RM 146	27	1	0	0	7500	0 0	7500 4000	0 0	4000	0	0	1	28	HEATER RM 142	28
29	RECEPTACLE	29	1	0	0	1080	0 0	0 0	1080 7500	7500	0	0	1	30	HEATER RM 123	30
31	HEATER RM 143	31	1	0	0	4000	4000 0	0 0	0 0	0	0	0	1	32	Spare	32
33	RECEPTACLE	33	1	0	0	1080	0 0	1080 7500	0 0	7500	0	0	1	34	HEATER RM 140	34
35	HEATER STORAGE 144	35	1	0	0	4000	0 0	0 0	4000 1800	1800	0	0	1	36	RECEPTACLE GFI	36
37	PATIO FIXTURE	37	1	0	0	54	54 2310	0 0	0 0	2310	0	0	1	38	ROOM 122	38
39	EXHAUST MOTOR RM 149	39	1		0	1176	0 0	1176 900	0 0	900	0		1	40	ROOM 122	40
41	Spare	41	1	0	0	0	0 0	0 0	0 4000	4000	0		1	42	HEATER CORR 146	42
						TOTAL	34064	28156	28190							
						TOTAL CONNECTED LOAD (VA)	90410									
						(AMPS)										

REFERENCES	
DRAWING NO.	DESCRIPTION

REVISIONS NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
A	4-19-96	J.G.	JK	KR	TDM	FINAL DESIGN REVIEW & BID

0	
DRAWN	J.G.
CHECKED	
ENGINEER	
PROJ	

PARSONS
100 WEST WALNUT STREET
PASADENA, CALIFORNIA

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

TITLE: ELECTRICAL CORNER STATION OSB LIGHTING AND POWER PANEL SCHEDULES

SCALE	CONTRACT NUMBER	PROJECT NUMBER
NONE	PP150969	8094

SHEET NUMBER: WA-E-116 — REVISIONS: A