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PANEL 107RP.1		LOCATION ROOM 107										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	Spare	1	1	0	0	0	0	0	0	0	0	1	2	RECEP RM 107	2	
3	RECP RM 106	3	1	0	0	720	0	720	0	0	0	1	4	Spare	4	
5	Spare	5	1	0	0	0	0	0	0	0	0	1	6	Spare	6	
7	MECH ROOM LIGHT	7	1	0	0	800	0	800	0	800	0	1	8	ROOM MECH LIGHT	8	
9	ROOM MECH LIGHT	9	1	0	0	600	0	600	0	0	0	1	10	Spare	10	
11	Spare	11	1	0	0	0	0	0	1150	1150	0	1	12	WCS107GP01	12	
13	Spare	13	1	0	0	0	0	0	0	0	0	1	14	Spare	14	
15	Spare	15	1	0	0	0	0	0	0	0	0	1	16	Spare	16	
17	Spare	17	1	0	0	0	0	0	0	0	0	1	18	Spare	18	
19	Spare	19	1	0	0	0	0	0	0	0	0	1	20	Spare	20	
21	Spare	21	1	0	0	0	0	0	0	0	0	1	22	Spare	22	
23	Spare	23	1	0	0	0	0	0	0	0	0	1	24	Spare	24	
25	Spare	25	1	0	0	0	0	0	0	0	0	1	26	Spare	26	
27	Spare	27	1	0	0	0	0	0	0	0	0	1	28	Spare	28	
29	Spare	29	1	0	0	0	0	0	0	0	0	1	30	Spare	30	
TOTAL							1600	1320	1150							
TOTAL CONNECTED LOAD (VA)							4070									
(AMPS)																

PANEL 107LP.1		LOCATION ROOM 107										VOLTS 480Y/277V				
FED FROM	CKT #	MOUNTING Recessed										MAIN				
		PHASE 3	WIRE 3			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	LIGHT RM 102	1	1	0	0	2820	2820	0	0	348	0	0	1	2	OUTSIDE VEST LTG	2
3	OUTSIDE VEST LTG	3	1	0	0	458	0	458	0	2820	0	0	1	4	LIGHT RM 103	4
5	LTG RM 105,104	5	1	0	0	2350	0	0	2350	66	0	0	1	6	EXIT EMRG LTG 103	6
7	EXIT,EMERG	7	1	0	0	124	124	0	0	1410	0	0	1	8	LIGHT RM 106	8
9	EXIT,EMRG LTG	9	1	0	0	94	0	94	0	124	0	0	1	10	EXIT,EMERG 107	10
11	OUTSIDE,VEST 103	11	1	0	0	458	0	458	1880	0	0	1	12	LIGHT RM 107	12	
13	Spare	13	1	0	0	0	450	0	0	450	0	0	1	14	LIGHT	14
15	LIGHT RM 107	15	1	0	0	2350	0	2350	0	0	0	1	16	Spare	16	
17	Spare	17	1	0	0	0	0	0	288	288	0	0	1	18	PANEL LTG RM 107	18
19	SUMP PUMP	19	3	0	0	1500	500	2500	0	75000	0	0	3	20	WCS107T02	20
21		21				0	0	0	0	0	0	1	22			
23		23				0	0	0	0	0	0	1	24			
25	Spare	25	1	0	0	0	0	0	0	0	0	1	26	Spare	26	
27	Spare	27	1	0	0	0	0	0	0	0	0	1	28	Spare	28	
29	Spare	29	1	0	0	0	0	0	0	0	0	1	30	Spare	30	
TOTAL							30652	31346	30542							
TOTAL CONNECTED LOAD (VA)							92540									
(AMPS)																

PANEL 107HP.1		LOCATION ROOM 107										VOLTS 480				
FED FROM	CKT #	MOUNTING Recessed										MAIN				
		PHASE 3	WIRE 3			FEEDER				BUS 800						
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	SPARE	1	3	0	0	0	16667	0	0	50000	0	0	3	2	WCS107HC10	2
3		3				0	16667	0	0	0	0	0	3	4		
5		5				0	0	16667	0	0	0	0	3	6		
7	SPARE	7	3	0	0	0	5000	0	0	15000	0	0	3	8	WCS107HC12	8
9		9				0	5000	0	0	0	0	0	3	10		
11		11				0	0	5000	0	0	0	0	3	12		
13	SPARE	13	3	0	0	0	16667	0	0	50000	0	0	3	14	WCS107HC08	14
15		15				0	16667	0	0	0	0	0	3	16		
17		17				0	0	16667	0	0	0	0	3	18		
19	SPARE	19	3	0	0	0	25000	0	0	75000	0	0	3	20	WCS107HC01	20
21		21				0	25000	0	0	0	0	0	3	22		
23		23				0	0	25000	0	0	0	0	3	24		
25	SPARE	25	3	0	0	0	50000	0	0	150000	0	0	3	26	WCS107HC02	26
27		27				0	50000	0	0	0	0	0	3	28		
29		29				0	0	50000	0	0	0	0	3	30		
31	WCS107HC03	31	3	0	0	150000	50000	25000	0	75000	0	0	3	32	WCS107HC06	32
33		33				0	50000	25000	0	0	0	0	3	34		
35		35				0	0	50000	25000	0	0	0	3	36		
37	SPARE	37	3	0	0	0	0	0	0	0	0	0	3	38	SPARE	38
39		39				0	0	0	0	0	0	0	3	40		
41		41				0	0	0	0	0	0	0	3	42		
TOTAL							188333	188333	188333							
TOTAL CONNECTED LOAD (VA)							565000									
(AMPS)																

PANEL 107HP.2		LOCATION ROOM 107										VOLTS 480				
FED FROM	CKT #	MOUNTING Recessed										MAIN				
		PHASE 3	WIRE 3			FEEDER				BUS 800						
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	WCS107HU01	1	3	0	0	26000	8667	8667	8667	17000	0	0	3	2	WCS107HU06	2
3		3				0	8667	8667	0	0	0	0	3	4		
5		5				0	0	8667	8667	0	0	0	3	6		
7	WCS107HU02	7	3	0	0	26000	8667	17333	8667	52000	0	0	3	8	WCS107HU07	8
9		9				0	8667	17333	0	0	0	0	3	10		
11		11				0	0	8667	17333	0	0	0	3	12		
13	WCS107HU03	13	3	0	0	26000	8667	16667	8667	50000	0	0	3	14	WCS107HC09	14
15		15				0	8667	16667	0	0	0	0	3	16		
17		17				0	0	8667	16667	0	0	0	3	18		
19	WCS107HU04	19	3	0	0	26000	8667	16667	8667	50000	0	0	3	20	WCS160HC13	20
21		21				0	8667	16667	0	0	0	0	3	22		
23		23				0	0	8667	16667	0	0	0	3	24		
25	WCS107HU05	25	3	0	0	17000	5667	33333	5667	100000	0	0	3	26	WCS107HC05	26
27		27				0	5667	33333	0	0	0	0	3	28		
29		29				0	0	5667	33333	0	0	0	3	30		
31	WCS107HC11	31	3	0	0	15000	5000	33333	5000	100000	0	0	3	32	WCS107HC04	32
33		33				0	5000	33333	0	0	0	0	3	34		
35		35				0	0	5000	33333	0	0	0	3	36		
37	WCS107HC07	37	3	0	0	50000	16667	0	16667	0	0	0	3	38	SPARE	38
39		39				0	0	16667	0	0	0	0	3	40		
41		41				0	0	0	16667	0	0	0	3	42		
TOTAL							185000	185000	185000							
TOTAL CONNECTED LOAD (VA)							555000									
(AMPS)																

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
B	5-22-96	RAF	777	JK	TDM	BID ADDENDUM #2
A	4-19-96				TDM	FINAL DESIGN REVIEW & BID

DRAWN	J. G.
CHECKED	
ENGINEER	
PROJ	

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

TITLE: ELECTRICAL CORNER STATION MECH. RM. LIGHTING AND POWER PANEL SCHEDULES

SCALE: NONE CONTRACT NUMBER: PPI50969 PROJECT NUMBER: 8094 SHEET NUMBER: WA-E-117 REVISION: A