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PANEL 107HP-1		LOCATION ROOM 107										VOLTS 480				
FED FROM	CKT #	MOUNTING Recessed										MAIN				
107SB-1		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	WCS107HC01A	1	3	0	125	80000	26667 33333			100000	20	0	3	2	SPARE	2
		3					26667 33333							4		
		5							26667 33333					6		
7	WCS107HC01B	7	3	0	80	50000	16667 33333			100000	20	0	3	8	SPARE	8
		9					16667 33333							10		
		11							16667 33333					12		
13	WCS107HC02A	13	3	0	150	100000	33333 20000			60000	90	0	3	14	WCS107HC06	14
		15					33333 20000							16		
		17							33333 20000					18		
19	WCS107HU01	19	3	0	60	34000	11333 20000			60000	90	0	3	20	WCS107HC07	20
		21					11333 20000							22		
		23							11333 20000					24		
25	WCS107HU02	25	3	0	60	34000	11333 20000			60000	90	0	3	26	WCS107HC08	26
		27					11333 20000							28		
		29							11333 20000					30		
31	SPARE	31	3	0	20	0	0	0	0	0	150	0	3	32	WCS107HC03A	32
		33					0	0	0					34		
		35					0	0	0					36		
37	SPARE	37	3	0	20	0	0	0	0	0	150	0	3	38	WCS107HC05	38
		39					0	0	0					40		
		41					0	0	0					42		
							TOTAL	225999	225999	225999						
							* TOTAL CONNECTED LOAD (VA)	677997								
							(AMPS)	815.50								
70 % DEMAND FACTOR TOTAL VA = 4745979																

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	WCS107HC02B	1	3	0	150	100000	33333 50000			15000	30	0	3	2	WCS107HC11	2
		3					33333 50000							4		
		5							33333 50000					6		
7	WCS107HC03B	7	3	0	150	100000	33333 17333			52000	90	0	3	8	WCS107HU07	8
		9					33333 17333							10		
		11							33333 17333					12		
13	WCS107HC04	13	3	0	150	100000	33333 5667			17000	30	0	3	14	WCS107HU05	14
		15					33333 5667							16		
		17							33333 5667					18		
19	WCS107HC09	19	3	0	80	50000	16667 16667			50000	90	0	3	20	WCS160HC13	20
		21					16667 16667							22		
		23							16667 16667					24		
25	WCS107HC10	25	3	0	80	50000	16667 5667			17000	30	0	3	26	WCS107HU06	26
		27					16667 5667							28		
		29							16667 5667					30		
31	WCS107HU03	31	3	0	60	34000	11333 50000			15000	30	0	3	32	WCS107HC12	32
		33					11333 50000							34		
		35							11333 50000					36		
37	WCS107HU04	37	3	0	60	34000	11333 0			0	20	0	3	38	SPARE	38
		39					11333 0							40		
		41					11333 0							42		
							TOTAL	211333	211333	211333						
							* TOTAL CONNECTED LOAD (VA)	633999								
							(AMPS)	762.58								
70 % DEMAND FACTOR TOTAL VA = 443799																

LIGO-D960438-01-0

REV	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



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

ELECTRICAL CORNER STATION 3RD INTERFEROMETER PANEL SCHEDULES

SCALE AS NOTED SHEET NUMBER PP150969 PROJECT NUMBER 8094

WA-E-509