



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	150	0	3	32	WCS107HC03A	32
		33					0							34		
		35					0							36		
37	SPARE	37	3	0	20	0	0			0	150	0	3	38	WCS107HC05	38
		39					0							40		
		41					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 5000			15000	30	0	3	32	WCS107HC12	32
		33						11333 5000						34		
		35							11333 5000					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																

This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

This document and the design it covers are the property of PARSONS. They are loaned only with the borrower's expressed written agreement that they will not be reproduced, copied, loaned, exhibited, or used in any other way, except by written consent from PARSONS to the borrower.

REFERENCES		REVISIONS		ISSUED FOR CONSTRUCTION		 100 WEST WALNUT STREET PASADENA, CALIFORNIA	 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY SITE NO.1 - HANFORD, WASHINGTON	
DRAWING NO.	DESCRIPTION	NO.	DATE	BY	CHKD			ENGR	PROJ
		1	6-15-98	J. G.				PP	CONTRACT NUMBER PP150969
				ISSUED FOR AS-BUILT				8094	PROJECT NUMBER 8094
				AS-BUILT DRAWINGS				REVISIONS NO. DATE BY CHKD ENGR PROJ DESCRIPTION	

Thu Jul 09 13:14:06 1998 C:\PLOT\QUE\SS\3662.DCF 52085 K:\V3882\ee509.pcf LIGOWAF.3.BDR