

**PANEL SCHEDULE**

PANEL: PANEL LS1  
 VOLTS: 120/208  
 LOCATION: ELECTRICAL ROOM  
 MOUNTING: SURFACE  
 NOTES:

TYPE: NEMA1 AMPS: 150  
 PHASE: 3 WIRE: 4  
 MAIN: 100

DATE: August 10, 2012  
 PROJECT:

LOAD CLASS	Conn. VA	Demand Factor	Demand Load VA
LIGHTING	8359	125%	10449
OUTLETS	180	*	180
MOTOR LOADS	0	**	0
RESISTANCE LOADS	0	100%	0
SUBFEED	0	100%	0
MISC. LOADS	5875	100%	5875
SUBFEED BREAKER	0		0

	Connected	Demand
TOTAL VOLT-AMPS	14,414	16,504
MAXIMUM PHASE AMPS	41.0	49.1

BREAKER A	P	DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER P	A
20	1	FIRE ALARM PANEL	1000	1	A	2	620	LTG: RM. C107	1	20
20	1	LTG: RM. E122 & E123	564	3	B	4	1279	LTG: RM. C107	1	20
20	1	LTG: RM. C123 & C137	370	5	C	6	1204	LTG: RM. C122, C125	1	20
20	1	SPARE		7	A	8	635	LTG: RM. C122, C125	1	20
20	1	PWR SUPPLY: LCP	75	9	B	10	787	LTG: RM. C105	1	20
20	1	GENERATOR BATTERY CHARGER	1000	11	C	12	930	LTG: RM. C101, C134	1	20
20	1	GENRATOR BATTERY WARMER	1000	13	A	14	150	LCP, RELAY 5	1	20
20	1	GENERATOR HEATER CIRCUIT	1000	15	B	16	200	LCP, RELAY 2	1	20
20	1	WON-DOOR	600	17	C	18	600	MED GAS ALARM PANEL	1	20
20	1	GENERATOR SERVICE OUTLET	180	19	A	20	600	OXYGEN MASTER ALARM PANEL	1	20
20	1	SPARE		21	B	22	100	EXIT SIGNS	1	20
20	1	SPARE		23	C	24	100	EXIT SIGNS	1	20
20	1	SPARE		25	A	26	500	LTG: RM. A101, A102, A103, A105	1	20
20	1	SPARE		27	B	28	920	LCP, RELAYS 1 & 3	1	20
20	1	SPARE		29	C	30		SPARE	1	20
20	1	SPARE		31	A	32		SPARE	1	20
20	1	SPARE		33	B	34		SPARE	1	20
20	1	SPARE		35	C	36		SPARE	1	20
20	1	SPARE		37	A	38		SPARE	1	20
20	1	SPARE		39	B	40		SPARE	1	20
20	1	SPARE		41	C	42		SPARE	1	20

PHASE TOTALS	Connected VA	A	B	C
	Demand VA	4685	4925	4804
	Connected Amps	5161	5888	5455
	Demand Amps	39.0	41.0	40.0
		43.0	49.1	45.5

\* 10kVA at 100%, remainder at 50%  
 \*\* 100% plus 25% of the largest Motor



EXPIRES 6/30/14

BALZHISER & HUBBARD ENGINEERS

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VA Project Number

653-322

SEISMIC REPLACEMENT BLDG 2  
 PHASE 1 MINOR  
 ACUTE PSYCHIATRIC WARD, B86  
 ROSEBURG, OREGON

Revision Title

Addendum 1

Revision Date

10 AUG 12

Drawing Reference

ES-104.2

Sketch Number

SK-E07