

PANEL SCHEDULE

PANEL: PANEL N1

VOLTS: 120/208

LOCATION: ELECTRICAL ROOM

MOUNTING: SURFACE

NOTES:

TYPE: NEMA1 AMPS: 225
PHASE: 3 WIRE: 4
MAIN: MLO

DATE: August 10, 2012
PROJECT:

LOAD CLASS	Conn. VA	Demand Factor	Demand Load VA
LIGHTING	1100	125%	1375
OUTLETS	1080	*	1080
MOTOR LOADS	17824	**	20002
RESISTANCE LOADS	0	100%	0
SUBFEED	0	100%	0
MISC. LOADS	23450	100%	23450
SUBFEED BREAKER	0		0

	Connected	Demand
TOTAL VOLT-AMPS	43,454	45,907
MAXIMUM PHASE AMPS	125.0	131.6

BREAKER		DESCRIPTION	WATTS	CIR. NO.	PHASE	CIR. NO.	WATTS	DESCRIPTION	BREAKER	
A	P								P	A
40	3	CHWP-1	2904	1	A	2	3600	CU-1	2	30
			2904	3	B	4	3600			
			2904	5	C	6	3600	CU-2	2	30
40	3	CHWP-2	2904	7	A	8	3600			
			2904	9	B	10	3600	CU-3	2	30
			2904	11	C	12	3600			
20	1	RECEPT - EXTERIOR	360	13	A	14	400	WH-1	1	15
20	1	EXTERIOR OUTLET	360	15	B	16	400	WH-2	1	15
20	1	ROOF OUTLETS	360	17	C	18	400	DP-1	1	15
20	1	ENVIRO SERVICES OUTLETS		19	A	20	160	LTG: RM. A106, B103, C106	1	20
20	1	MECH ROOM OUTLETS		21	B	22	235	LTG: RM. E121 & E124	1	20
20	1	IRRIGATION CONTROLLER - MECH YARD		23	C	24	50	LCP NORMAL INTERRUPT	1	20
20	1	IRRIGATION CONTROLLER - ROOF		25	A	26	235	LTG: RM. E125-E128	1	20
20	1	FMT-1		27	B	28	1000	AHU-1 LIGHTING CIRCUIT OUTLET	1	20
20	1	BFP - HOT BOX		29	C	30	470	LTG: LCP, RELAY 13	1	20
20	1	BFP - HOT BOX		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

		A	B	C
PHASE TOTALS	Connected VA	14163	15003	14288
	Demand VA	14988	15788	15132
	Connected Amps	118.0	125.0	119.1
	Demand Amps	124.9	131.6	126.1

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



BALZHISER & HUBBARD ENGINEERS
MECHANICAL
ELECTRICAL
CIVIL
SURVEYORS
100 WEST 13TH AVENUE
EUGENE, OR 97401
P: 541-686-8478
F: 541-345-5303
2100-031-10es-104.2.dwg

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

ES104.2

Sketch Number

SK-E06