

CAN YOU SEE THE AIRPLANES? THE ADJACENT SAMPLES SHOW THREE DIFFERENT LEVELS OF SHADING. SETTINGS FOR VIEWING AND PRINTING DRAWING CONTENT ARE OPTIMIZED WHEN ALL THREE PLANES ARE VISIBLE. THIS GUIDANCE IS PROVIDED FOR REFERENCE ONLY.

NOTES

1. ALL DEMOLISHED BRANCH CIRCUITS SHALL HAVE EXISTING TURNED OFF AND MARKED AS SPARE IF NO ACTIVE LOAD REMAINS.

DESIGNATION: 4E1G				VOLTAGE(V): 480Y/277V - 3PH-4W							BUS RATING(A): 225		
AVAILABLE FAULT(A): 28538		MAIN: Breaker 200		MOUNTING: Surface							ENCLOSURE: NEMA 1		
DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION		
BAG ROAD EM LTS		LCL	1000	20/1	1	A	2	20/1	500	LCL	EMER. LIGHTS ROOM 1330		
LIGHTING 1772 1732 1733 (X)		LCL	500	20/1	3	B	4	20/1	0		SPARE		
LIGHTING 1414 1418		LCL	500	20/1	5	C	6	20/1	0		SPARE		
SOUTH E-LIGHTS SMOKING		LCL	500	20/1	7	A	8	20/1	0		SPARE		
LOADING DOCK LTS		LCL	1000	20/1	9	B	10	20/1	0		SPARE		
SPARE			0	20/1	11	C	12	20/1	0		SPARE		
SPACE			0		13	A	14		0		SPACE		
SPACE			0		15	B	16		0		SPACE		
SPACE			0		17	C	18		0		SPACE		
SPACE			0		19	A	20		0		SPACE		
SPACE			0		21	B	22		0		SPACE		
SPACE			0		23	C	24		0		SPACE		
AIR COMPRESSOR #1		EQ	8000	40/3	25	A	26		0		SPACE		
			8000		27	B	28		0		SPACE		
			8000		29	C	30		0		SPACE		
AIR COMPRESSOR #2		EQ	8000	40/3	31	A	32	30/3	0		SPARE		
			8000		33	B	34		0				
			8000		35	C	36		0				
XFMR T2E1A			0	50/3	37	A	38	100/3	0		SPARE		
			0		39	B	40		0				
			0		41	C	42		0				
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)		NOTES:				TOTAL CONNECTED LOAD VA:		52000
EQUIPMENT (EQ)		16000	16000	16000	48000						MAX CONNECTED PHASE AMPS:		65.0
LIGHT AND CONT (LCL)		2500	1875	625	5000						TOTAL DESIGN LOAD VA:		53000
											MAX DESIGN PHASE AMPS:		66.8
DESIGN LOAD PHASE SUB-TOTAL		18500	17875	16625	53000								

DESIGNATION: 4D2B				VOLTAGE(V): 480Y/277V - 3PH-4W							BUS RATING(A): 225		
AVAILABLE FAULT(A): 13863		MAIN: MLO		MOUNTING: Surface							ENCLOSURE: NEMA 1		
DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION		
LTG TUNNEL LR-A 8		LCL	2700	20/1	1	A	2	20/1	2000	LCL	LTG WEST BAG ROAD		
LTG WALL PACKS S LR-B		LCL	2800	20/1	3	B	4	20/1	500	LCL	LTG WEST MEZZANINE		
LTG WALL PACKS S LR-C		LCL	2600	20/1	5	C	6	20/1	2005	LCL	LTG WOMENS RESTROOM		
LTG SOFFIT DOWN LR-D		LCL	2300	20/1	7	A	8	20/1	1995	LCL	LTG MENS RESTROOM		
LTG CIRCULATION LR-E		LCL	2300	20/1	9	B	10	70/3	0		4T3D-16E		
LTG CIRCULATION LR-F		LCL	3300	20/1	11	C	12		0				
LTG CIRCULATION LR-G		LCL	1000	20/1	13	A	14		0				
LTG GATE D7 HOLD RM LR-H		LCL	2250	20/1	15	B	16	20/1	450	LCL	LTG CIRC LR-AA-BB		
LTG GATE D9 HOLD RM LR-I		LCL	2250	20/1	17	C	18	20/1	375	EQ	CONTACTOR PILOT RELAY		
LTG GATE D6-D8 HLD RM LR-J		LCL	3250	20/1	19	A	20	20/2	1040	LCL	POLE LIGHTS NORTH LR-M		
LTG CIRC. LR-K-L		LCL	3400	20/1	21	B	22		1040				
LTG STAIR 22-25 JANIT.		LCL	1270	20/1	23	C	24	20/2	1040	LCL	POLE LIGHTS NORTH LR-N		
LTG CIRC. LR-U		LCL	1200	20/1	25	A	26		1040				
LTG CIRC. LR-V		LCL	2100	20/1	27	B	28	20/2	1040	LCL	POLE LIGHTS NORTH LR-P		
LTG CIRC. LR-W		LCL	2100	20/1	29	C	30		1040				
AHU CWP &HWP NEW		EQ	1133	20/3	31	A	32	20/2	1040	LCL	POLE LIGHTS NORTH LR-Q		
			1133		33	B	34		1040				
			1133		35	C	36	20/2	1040	LCL	POLE LIGHTS NORTH LR-R		
TRANSFORMER 2D2B			0	70/3	37	A	38		1040				
			0		39	B	40	20/2	1040	LCL	POLE LIGHTS NORTH LR-S		
			0		41	C	42		1040				
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)				NOTES:		TOTAL CONNECTED LOAD VA:		117420
LIGHT AND CONT (LCL)		23256	22450	22106	67813						MAX CONNECTED PHASE AMPS:		141.2
EQUIPMENT (EQ)		3633	3133	3508	10274						TOTAL DESIGN LOAD VA:		144050
		21128	19470	19000	59597						MAX DESIGN PHASE AMPS:		173.3
DESIGN LOAD PHASE SUB-TOTAL		48017	45053	44614	137684								

4E1G

4D2B



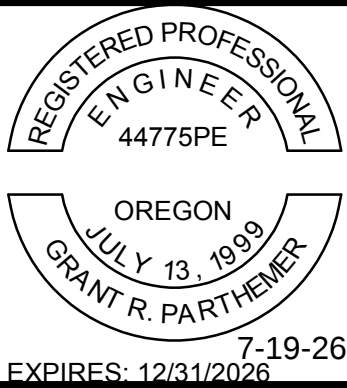


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PORTLAND INTERNATIONAL AIRPORT
TERMINAL RESTROOM REHABILITATION 2026
DEMO PANEL SCHEDULES 2 - ELECTRICAL

SUBMITTED BY	BRIAN FRANCIS
DESIGNED BY	A. NGUYEN
DRAWN BY	A. NGUYEN
CHECKED BY	J. MUTSCHLER
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