



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: 4D2B				VOLTAGE(V): 480Y/277V - 3PH-4W							BUS RATING(A): 225		
AVAILABLE FAULT(A): 9316		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	2000	LCL	LTG WEST MEZZANINE **		
LTG WALL PACKS S LR-C**		LCL	2600	20/1	5	C	6	20/1	0		SPARE		
LTG SOFFIT DOWN LR-D**		LCL	2300	20/1	7	A	8	20/1	0		SPARE		
LTG CIRCULATION LR-E**		LCL	2300	20/1	9	B	10	60/3	1100	EQ	4T3D-16E RM D3220		
LTG CIRCULATION LR-F**		LCL	3300	20/1	11	C	12		1100				
LTG CIRCULATION LR-G**		LCL	1000	20/1	13	A	14		1100				
LTG GATE D7 HOLD RM LR-H**		LCL	2250	20/1	15	B	16	20/1	1000	LCL	LTG CIRC LR-AA-BB		
LTG GATE D9 HOLD RM LR-I**		LCL	2250	20/1	17	C	18	20/1	500	LCL	CONTACTOR PILOT RELAY		
LTG GATE D6-D8 HLD RM LR-J **		LCL	3250	20/1	19	A	20	20/2	1000	LCL	POLE LIGHTS NORTH LR-M		
LTG CIRC. LR-K-L**		LCL	3400	20/1	21	B	22		1000				
LTG STAIR 22-25 JANIT. **		LCL	1270	20/1	23	C	24	20/2	1000	LCL	POLE LIGHTS NORTH LR-N		
LTG CIRC. LR-U**		LCL	1200	20/1	25	A	26		1000				
LTG CIRC. LR-V**		LCL	2100	20/1	27	B	28	20/2	1000	LCL	POLE LIGHTS NORTH LR-P		
LTG CIRC. LR-W**		LCL	2100	20/1	29	C	30		1000				
4L2D-16D-B			0	100/3	31	A	32	20/2	1000	LCL	POLE LIGHTS NORTH LR-Q		
			0		33	B	34		1000				
			0		35	C	36	20/2	1000	LCL	POLE LIGHTS NORTH LR-R		
TRANSFORMER 2D2B **			0	70/3	37	A	38		1000				
			0		39	B	40	20/2	1000	LCL	POLE LIGHTS NORTH LR-S		
			0		41	C	42		1000				
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)		NOTES:				TOTAL CONNECTED LOAD VA:		106885
EQUIPMENT (EQ)		9722	8641	8460	26823						MAX CONNECTED PHASE AMPS:		135.6
LIGHT AND CONT (LCL)		22013	26913	20025	68950						TOTAL DESIGN LOAD VA:		113224
RECEPTACLES (REC)		5862	5368	6222	17451						MAX DESIGN PHASE AMPS:		147.7
DESIGN LOAD PHASE SUB-TOTAL		37596	40921	34707	113224								

DESIGNATION: 4L1T-8C				VOLTAGE(V): 480Y/277V - 3PH-4W								BUS RATING(A): 225	
AVAILABLE FAULT(A): 25293		MAIN: MLO		MOUNTING: Surface								ENCLOSURE: NEMA 1	
DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION		
4LDC1T-13G-B RLY 01:03 ZB-32-01:03		LCL	1890	20/1	1	A	2	20/3	10	LCL	4LDC1T-13G-B EBDK		
4LDC1T-13G-B RLY 04:06 ZB-32-04:06		LCL	944	20/1	3	B	4		10				
4LDC1T-13G-B RLY 08:09 ZB-32-08:09		LCL	1035	20/1	5	C	6		10				
4LDC1T-13G-B RLY 10:17 ZB-42-01:04 ZB-43-01:04		LCL	2922	20/1	7	A	8	20/1	0	(None)	SPARE		
4LDC1T-13G-B RLY 18:19 ZB-43-05:06		LCL	987	20/1	9	B	10	20/1	0	(None)	SPARE		
4LDC1T-13G-B RLY 22:27		LCL	1035	20/1	11	C	12	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	13	A	14	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	15	B	16	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	17	C	18	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	19	A	20	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	21	B	22	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	23	C	24	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	25	A	26	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	27	B	28	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	29	C	30	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	31	A	32	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	33	B	34	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	35	C	36	20/1	0	(None)	SPARE		
SPARE		(None)	0	20/1	37	A	38	20/3	100	EQ	POWER MONITOR		
SPARE		(None)	0	20/1	39	B	40		100				
SPARE		(None)	0	20/1	41	C	42		100				
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)		TOTAL(VA)		NOTES:					
EQUIPMENT (EQ)		100	100	100		300							
LIGHT AND CONT (LCL)		6027	2426	2600		11054							
DESIGN LOAD PHASE SUB-TOTAL		6128	2526	2700		11354							

4D2B

4L1T-8C





151 SW 1st Avenue #300
Portland, OR 97204

503.226.2921
pae-engineers.com

2025D031
DESIGN NUMBER

103101
PROJECT NUMBER



7/14/26
EXPIRES: 12/31/2026

PORTLAND INTERNATIONAL AIRPORT
TERMINAL RESTROOM REHABILITATION 2026
480V PANEL SCHEDULES 2 - ELECTRICAL

SUBMITTED BY	BRIAN FRANCIS		
DESIGNED BY	A. NGUYEN		
DRAWN BY	A. NGUYEN		
CHECKED BY	J. MUTSCHLER		
DATE	JULY 2026		
SHEET NO.	155	TYPE	CD
DRAWING NO.		DISC. SHT. NO.	
PDX 2026-510		E8.12	