



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.

E	DESIGNATION: E4L1T-17D			VOLTAGE(V): 480Y/277V - 3PH-4W						BUS RATING(A): 200		
	AVAILABLE FAULT(A): 6070		MAIN: Breaker 200		MOUNTING: Surface						ENCLOSURE: NEMA 1	
	DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION
	4LDC1T-17E-A LCP POWER		LCL	140	20/1	1	A	2	20/1	750	LCL	Z31-102E/113E/116E/119E/120E/132E/133E/143E
	4LDC2T-15C-A		LCL	140	20/1	3	B	4	20/1	1791	LCL	Z31-107E/114E/125E/127E/144E:147E
	4LDC1T-15E-A LCP POWER		LCL	140	20/1	5	C	6	20/1	1246	LCL	Z31-108E/109E
	4LDC1T-18D-A LCP POWER		LCL	140	20/1	7	A	8	20/1	1875	LCL	Z31-118E/123E/124E
	4LDC1T-15G-A LCP POWER		LCL	140	20/1	9	B	10	20/1	1625	LCL	Z31-135E:138E/142E/151E
	4LDC1T-18G-A LCP POWER		LCL	140	20/1	11	C	12	20/1	140	LCL	4LDC1T-18G-B LCP POWER
	4LDC2T-15E-A LCP POWER		LCL	2000	20/1	13	A	14	20/1	694	LCL	Z31-232E/254E Z41-230E Z42-202E
	4LDC2T-16C-B LCP POWER		LCL	140	20/1	15	B	16	20/1	489	LCL	Z31-281E
N	Z2-31-01E; Z2-32-01E		LCL	94		17	C	18	20/1	41	EQ	Z41-204E
	SPACE			0		19	A	20		0		SPACE
	SPACE			0		21	B	22		0		SPACE
	SPACE			0		23	C	24		0		SPACE
	SPACE			0		25	A	26		0		SPACE
	SPACE			0		27	B	28		0		SPACE
	SPACE			0		29	C	30		0		SPACE
	SPACE			0		31	A	32		0		SPACE
	SPACE			0		33	B	34		0		SPACE
	SPACE			0		35	C	36		0		SPACE
	SPD		EQ	0	30/3	37	A	38	70/3	0		E4T1T-17D
				0		39	B	40		0		
				0		41	C	42		0		
	DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)		NOTES:				
	EQUIPMENT (EQ)		1134	1160	1570	3864						
	LIGHT AND CONT (LCL)		7124	5406	2200	14730						
	DESIGN LOAD PHASE SUB-TOTAL		8258	6566	3770	18594						
								TOTAL CONNECTED LOAD VA:		15648		
								MAX CONNECTED PHASE AMPS:		24.7		
								TOTAL DESIGN LOAD VA:		18594		
								MAX DESIGN PHASE AMPS:		29.8		

DESIGNATION: E4L1T-18R				VOLTAGE(V): 480Y/277V - 3PH-4W							BUS RATING(A): 200	
AVAILABLE FAULT(A): 11631		MAIN: Breaker 200		MOUNTING: Surface							ENCLOSURE: NEMA 1	
DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION	
4LDC2T-15R-A LCP POWER		LCL	2000	20/1	1	A	2	15/3	300	EQ	JPC-T-T1TP97-01	
4LDC1T-15N-A LCP POWER		LCL	2000	20/1	3	B	4		300			
Z2-11-01E; Z2-12-01E		LCL	94	20/1	5	C	6		300			
SPARE			0	20/3	7	A	8	20/1	1822	LCL	Z01-101E:104E/108E:119E/132E:135E/210E/211E	
			0		9	B	10	20/1	1531	LCL	Z01-105E/121E/123E/124E/126E/143E/144E	
			0		11	C	12	20/1	1858	LCL	Z11-101E:103E/105E/110E/114E/116E/131E	
FTP-T1TS96-1		EQ	2106	20/3	13	A	14	20/1	512	LCL	Z11-142E:144E/152E	
			2106		15	B	16	20/1	1100	LCL	Z11-107E/136E/138E:141E Z02-216E	
			2106		17	C	18	20/1	2000	LCL	Z11-111E/112E Z01-125E/208E/209E/212E	
SPARE			0	20/1	19	A	20	20/1	2050	LCL	4LDC1T-16S-A LCP POWER	
4LDC1T-18S-A LCP POWER		LCL	2000	20/1	21	B	22		0		4LDC1T-17P-A LCP POWER	
4LDC2T-19S-A LCP POWER- Z01-226E		LCL	2000	20/1	23	C	24		0		SPARE	
SPD		EQ	0	30/3	25	A	26	70/3	0		SPACE	
			0		27	B	28		0			
			0		29	C	30		0			
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)				TOTAL CONNECTED LOAD VA:		56523	
(None)		0	1131	1131	2262				MAX CONNECTED PHASE AMPS:		78.5	
EQUIPMENT (EQ)		10379	14207	11054	35640				TOTAL DESIGN LOAD VA:		61744	
LIGHT AND CONT (LCL)		8105	8289	7448	23841				MAX DESIGN PHASE AMPS:		85.3	
									NOTES:			
DESIGN LOAD PHASE SUB-TOTAL		18484	23627	19633	61744							

E4L1T-17D

E4L1T-18R





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
EM 480V PANEL SCHEDULES 3 - ELECTRICAL

SUBMITTED BY	BRIAN FRANCIS	
DESIGNED BY	A. NGUYEN	
DRAWN BY	A. NGUYEN	
CHECKED BY	J. MUTSCHLER	
DATE	JULY 2026	
SHEET NO.	163	TYPE CD
DRAWING NO.	PDX 2026-510	
DISC. SHT. NO.	E8.23	