



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: 2P2T-15Q-C				VOLTAGE(V): 208Y/120V - 3PH-4W						BUS RATING(A): 225	
AVAILABLE FAULT(A): 4565		MAIN: Breaker 225		MOUNTING: Surface						ENCLOSURE: NEMA 1		
DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION	
ELEC T2TQ58 RCPT		REC	540	20/1	1	A	2	20/1	1080	REC	OFFICE T2TR56 RCPT	
GROWTH T2TQ56 RCPT		REC	720	20/1	3	B	4	20/1	900	REC	EMP SCREEN T2TQ60 RCPT	
T2TQ48 ADULT CHANGING		EQ	400	20/1	5	C	6	20/1	720	REC	STOR T2TR63/INTERV T2TR62 RCPT	
SPARE			0	20/1	7	A	8	20/1	720	REC	EMP SCREEN T2TQ60 RCPT	
T2TQ48 RECEPT & BLUE LIGHT PS		EQ	250	20/1	9	B	10	20/1	900	REC	EMP SCREEN T2TQ60 RCPT	
T2TQ69 RCPT		REC	540	20/1	11	C	12	20/1	720	REC	T2TQ69/T2TR68/T2TR69 RCPTS	
T2TQ66 RECEPT & BLUE LIGHT PS		EQ	250	20/1	13	A	14	20/1	540	REC	T2TQ67 RCPTS	
T2TQ66 ADULT CHANGING		EQ	400	20/1	15	B	16	20/1	1080	REC	T2TR46/T2TR45 RCPTS	
SPARE			0	20/1	17	C	18	20/1	900	REC	T2TQ45/T2TQ46 RCPT	
SPARE			0	20/1	19	A	20	20/1	0		SPARE	
SPARE			0	20/1	21	B	22	20/1	0		SPARE	
SPARE			0	20/1	23	C	24	20/1	0		SPARE	
SPARE			0	20/1	25	A	26	20/1	0		SPARE	
SPARE			0	20/1	27	B	28	20/1	0		SPARE	
SPARE			0	20/1	29	C	30	20/1	0		SPARE	
SPARE			0	20/1	31	A	32	20/1	0		SPARE	
SPARE			0	20/1	33	B	34	20/1	0		SPARE	
SPARE			0	20/1	35	C	36	20/1	0		SPARE	
SPACE FOR FUTURE UP TO 100A BREAKER			0		37	A	38	20/1	0		SPARE	
			0		39	B	40	20/1	0		SPARE	
			0		41	C	42	20/1	0		SPARE	
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)		NOTES:			TOTAL CONNECTED LOAD VA:		10660
EQUIPMENT (EQ)		250	650	400	1300					MAX CONNECTED PHASE AMPS:		35.4
RECEPTACLES (REC)		2880	3467	2880	9227					TOTAL DESIGN LOAD VA:		10527
										MAX DESIGN PHASE AMPS:		34.3
DESIGN LOAD PHASE SUB-TOTAL		3130	4117	3280	10527							

(E)	DESIGNATION: 2P1T-15S-A			VOLTAGE(V): 208Y/120V - 3PH-4W							BUS RATING(A): 225	
	AVAILABLE FAULT(A): 3631		MAIN: Breaker 225	MOUNTING: Surface							ENCLOSURE: NEMA 1	
DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION	
SUBFEED - PANEL 2P1T-15S-B			0	70/3	1	A	2	20/1	180	REC	PLAZA T2TS63 RCPT	
			0		3	B	4	20/1	1000	EQ	ELV T42 COOLER	
			0		5	C	6	20/1	500	REC	ELEV MACH T1TS63	
Z02-240		EQ	500	20/1	7	A	8	20/1	500	EQ	ELV T1 PIT RCPT	
Z01-136		EQ	40	20/1	9	B	10	15/1	540	REC	T2TS35 RECEPT	
SPARE			0	20/1	11	C	12	20/1	120	EQ	T2TS35 EMV-104;	
SPARE			0	20/1	13	A	14	20/1	120	EQ	T2TS35 IRR-101	
EF-T-TSTSE5-01		EQ	57	20/1	15	B	16	20/1	0		SPARE	
ITP-36/37/38/39 MAINT RCPT		REC	720	20/1	17	C	18	20/1	540	REC	RETAIL T2TS45/STOR T2TS35 RCPT	
ITP-36/37 SOUND MODULE		EQ	1920	20/1	19	A	20	20/1	180	EQ	EVC-003	
ITP-38/39 SOUND MODULE		EQ	1920	20/1	21	B	22	20/1	180	EQ	EVC-004	
BSI ELEC T1TS52 TENANT METER RCPT		REC	180	20/1	23	C	24	20/1	1623	LCL	Z02-207/235/245 Z01-245:248	
T2TS53 ADVERTISING POWER		EQ	500	20/1	25	A	26	20/1	0		SPARE	
BSI ELEC T1TS52 TENANT ROUTER		EQ	500	20/1	27	B	28	20/1	0		SPARE	
ITP-33 SOUND MODULE		EQ	960	20/1	29	C	30	20/1	0		SPARE	
ELV T42 PIT RCPT		EQ	180	20/1	31	A	32	20/1	0		SPARE	
SPARE			0	15/1	33	B	34	20/1	0		SPARE	
STOR T2TS30 RCPT		REC	360	20/1	35	C	36	20/1	0		SPARE	
POWER MONITOR			0	20/3	37	A	38	20/1	0		SPARE	
			0		39	B	40	20/1	360	REC	POP STOR T2TR42	
			0		41	C	42	20/1	0		SPARE	
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)					TOTAL CONNECTED LOAD VA:		21022
EQUIPMENT (EQ)		6060	6181	3120	15361					MAX CONNECTED PHASE AMPS:		64.1
LIGHT AND CONT (LCL)		0	0	2626	2626					TOTAL DESIGN LOAD VA:		21547
RECEPTACLES (REC)		180	900	2480	3560					MAX DESIGN PHASE AMPS:		68.5
										NOTES:		
DESIGN LOAD PHASE SUB-TOTAL		6240	7081	8226	21547							

2P2T-15Q-C	2P1T-15S-A
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2025D031 103101 DESIGN NUMBER PROJECT NUMBER	



PORTLAND INTERNATIONAL AIRPORT
TERMINAL RESTROOM REHABILITATION 2026
208V PANEL SCHEDULES 4 - ELECTRICAL

SUBMITTED BY	BRIAN FRANCIS		
DESIGNED BY	A. NGUYEN		
DRAWN BY	A. NGUYEN		
CHECKED BY	J. MUTSCHLER		
DATE	JULY 2026		
SHEET NO.	167	TYPE	CD
DRAWING NO.	PDX 2026-510		DISC. SHT. NO. E8.33