



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.

DESIGNATION: 2P1C-C41				VOLTAGE(V): 208Y/120V - 3PH-4W								BUS RATING(A): 100		
AVAILABLE FAULT(A): 2153		MAIN: Breaker 100		MOUNTING: Surface								ENCLOSURE: NEMA 1		
DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION			
RECEPT. C 1031		REC	180	20/1	1	A	2	20/1	1900	EQ	DAS:IDF # C1026 4 C RU			
RECEPT. C 1031		REC	180	20/1	3	B	4	20/1	180	REC	RECEPT C 1037			
SPARE			0	20/1	5	C	6	20/1	180	REC	RECEPT C 1037			
RECEPT. C 1025		REC	180	20/1	7	A	8	20/1	0		SPARE			
RECEPT. C 1025		REC	180	20/1	9	B	10	20/1	1500	EQ	CC MCKENZIE DATA RACK			
RECEPT. C 1025		REC	180	20/1	11	C	12	20/1	720	EQ	CC MCKENZIE COMPUTERS			
RECEPT. C 1033		REC	180	20/1	13	A	14	20/1	360	REC	C2038 & C2037 RECEPT			
RECEPT. C 1033		REC	180	20/1	15	B	16	20/1	365	REC	C2039 RECEPT & TOWEL DISPENSER			
RECEPT. C 1033		REC	180	20/1	17	C	18	20/1	1440	EQ	C2039 EWH-101			
SPARE			0	20/1	19	A	20	20/1	0		SPARE			
SPARE			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			
SPACE			0		37	A	38		0		SPACE			
SPACE			0		39	B	40		0		SPACE			
SPACE			0		41	C	42		0		SPACE			
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)		NOTES:				TOTAL CONNECTED LOAD VA:		8085	
EQUIPMENT (EQ)		1900	1500	2160	5560						MAX CONNECTED PHASE AMPS:		23.3	
RECEPTACLES (REC)		900	1085	540	2525						TOTAL DESIGN LOAD VA:		8085	
											MAX DESIGN PHASE AMPS:		23.3	
DESIGN LOAD PHASE SUB-TOTAL		2800	2585	2700	8085									

DESIGNATION: 2D2BA				VOLTAGE(V): 208Y/120V - 3PH-4W							BUS RATING(A): 225	
AVAILABLE FAULT(A): 2727		MAIN: MLO		MOUNTING: Surface							ENCLOSURE: NEMA 1	
DESCRIPTION		DEMAND	VA	BKR A/P	CKT	CKT	BKR A/P	VA	DEMAND	DESCRIPTION		
RECEPT. WATER COOLER **		REC	750	20/1	1	A	2	20/1	540	REC	D2222 RECEPT	
RECEPT. WATER COOLER **		REC	750	20/1	3	B	4	20/1	540	REC	D2222 D2221 RECEPT	
RECEPT. FLOOR S. COLUMNS **		REC	720	20/1	5	C	6	20/1	540	REC	D2223 RECEPT	
RECEPT. GATE D6-D8 HOLD RM **		REC	540	20/1	7	A	8	20/1	300	EQ	WAYFINDING SIGNS: WM2-003; 004	
RECEPT. GATE D6-D8 HOLD RM **		REC	540	20/1	9	B	10	20/1	200	EQ	WAYFINDING SIGNS: FM3-024; 025 / FM4-002; 003 / WM2-002	
RECEPT. FLOOR N. COLUMNS **		REC	900	20/1	11	C	12	20/1	900	REC	RCPT STANDUP TELE**	
RECEPT. WEST MEZZANINE **		REC	1080	20/1	13	A	14	20/1	1500	EQ	AIR PLENUMS W. PENTHOUSE **	
RECEPT. WEST MEZZANINE **		REC	900	20/1	15	B	16	20/1	1000	EQ	AIR PLENUMS W. PENTHOUSE **	
EXHAUST FAN WEST MEZZ. **		REC	690	15/1	17	C	18	20/1	1500	EQ	AIR PLENUMS W. PENTHOUSE **	
UNIT HEATER WEST MEZZ. **		REC	520	15/1	19	A	20	20/1	1000	EQ	AIR PLENUMS W. PENTHOUSE **	
UNIT HEATER WEST MEZZ. **		REC	520	15/1	21	B	22	20/1	1000	EQ	D2222 HAND DRYER	
RECEPT. PLANTERS LR-T**		EQ	900	20/1	23	C	24	20/1	1000	EQ	D2222 HAND DRYER	
LTNG SRVC CNTR DESKS LR-Y*		LCL	420	20/1	25	A	26	20/1	1000	EQ	D2223 HAND DRYER	
RECEPT. PLANTERS LR-CC **		EQ	900	20/1	27	B	28	20/1	500	EQ	D2223 HAND DRYER	
NIGHT SET BACK PANEL**		EQ	200	20/1	29	C	30	20/1	540	REC	RECEPT. SERVICE CENTER **	
RECEPT. SERVICE CENTER **		EQ	500	20/1	31	A	32	20/1	500	REC	RECEPT. SERVICE CENTER **	
DMX2D-16D-DIN-A - POWER SUPPLY		EQ	7	20/1	33	B	34	20/1	528	EQ	D2221 RHWP-101	
4LRC2D-16D-A RLY 8		LCL	100	20/1	35	C	36	20/1	240	EQ	D2221 EMV-101; TP-101	
BALLAST CNTRL N. POLE LTS **		LCL	500	20/1	37	A	38	20/1	1500	EQ	RECEPT. COPIER **	
BALLAST CNTRL S. POLE LTS **		LCL	500	20/1	39	B	40	20/1	1800	EQ	SIGNS FM-4-002/003 DIGITAL MODULE(S)	
EMS/NC14 *		EQ	200	20/1	41	C	42	20/1	0		SPARE	
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)				NOTES:			
EQUIPMENT (EQ)		5800	5935	4040	15775							
LIGHT AND CONT (LCL)		1150	625	0	1775							
RECEPTACLES (REC)		3632	3250	3812	10693							
DESIGN LOAD PHASE SUB-TOTAL		10582	9810	7852	28243							

2P1C-C41

2D2BA



PAE

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PORTLAND INTERNATIONAL AIRPORT

TERMINAL RESTROOM REHABILITATION 2026

208V PANEL SCHEDULES 1 - ELECTRICAL

SUBMITTED BY	BRIAN FRANCIS	
DESIGNED BY	A. NGUYEN	
DRAWN BY	A. NGUYEN	
CHECKED BY	J. MUTSCHLER	
DATE	JULY 2026	
SHEET NO.	164	TYPE CD
DRAWING NO.		DISC. SHT. NO.
PDX 2026-510		E8.30