



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: 4C3B				VOLTAGE(V): 480Y/277V - 3PH-4W								BUS RATING(A): 250	
AVAILABLE FAULT(A): 16240		MAIN: MLO		MOUNTING: Surface								ENCLOSURE: NEMA 1	
DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION		
MEZZANINE**			1060	20/1	1	A	2	20/1	2350		LRC-C3B A B C**		
ENPLANING NE**			845	20/1	3	B	4	20/1	2210		LRC-C3B D**		
ENPLANING NW** C-18 WRR C2042			1620	(N) 20/1	5	C	6	20/1	2600		LRC-C3B E**		
ENPLANING CCC NW 4RC2C-42B-A RLY 1:4			1747	20/1	7	A	8	20/1	1765		LRC-C3B F G**		
LRC-C3B J N. APRON**			465	20/2	9	B	10	20/1	2550		LRC-C3B H I**		
			465		11	C	12	20/2	465		LRC-C3B P N. APRON**		
LRC-C3B K N. APRON**			465	20/2	13	A	14		465				
			465		15	B	16	20/2	465		LRC-C3B Q N. APRON**		
LRC-C3B L N. APRON**			465	20/2	17	C	18		465				
			465		19	A	20	20/2	465		LRC-C3B R N. APRON**		
LRC-C3B M N. APRON**			465	20/2	21	B	22		465				
			465		23	C	24	20/1	1500		LRC-C3B S T N. APRON**		
LRC-C3B N N. APRON**			465	20/2	25	A	26	20/1	100		APRON LIGHTING CONTROL		
			465		27	B	28	20/1	100		WATCH KEEPER PANEL		
NORTH WALL AD SIGNS			0	20/1	29	C	30	20/1	1500		WALL SIGNAGE N.E. **		
SPACE			0	20/1	31	A	32	20/1	0		SPARE		
SPARE			0	20/1	33	B	34	20/1	0		SPARE		
SPACE			0	20/1	35	C	36		0		SPACE		
XFMR 2C3B**			2109	70/3	37	A	38		0		SPACE		
			2109		39	B	40		0		SPACE		
			2109		41	C	42		0		SPACE		
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)					TOTAL CONNECTED LOAD VA:		54124	
(None)		24770	22443	20443	67655					MAX CONNECTED PHASE AMPS:		71.5	
										TOTAL DESIGN LOAD VA:		67655	
										MAX DESIGN PHASE AMPS:		89.4	
										NOTES:			
DESIGN LOAD PHASE SUB-TOTAL		24770	22443	20443	67655								

E	DESIGNATION: 4D2A			VOLTAGE(V): 480Y/277V - 3PH-4W								BUS RATING(A): 225	
	AVAILABLE FAULT(A): 7089		MAIN: MLO		MOUNTING: Surface								ENCLOSURE: NEMA 1
DESCRIPTION		DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION		
WEST WASH UPPER COVE		LCL	2320	20/1	1	A	2	20/1	3480	LCL	LIGHTS D2684 **		
EAST WASH LTS UPPER COVE LTS		LCL	2320	20/1	3	B	4	20/1	2760	LCL	LIGHTS D2684 **		
LIGHTS D2600B ** EAST WASH		LCL	1680	20/1	5	C	6	20/1	2238	LCL	LIGHTS D2688**LITES ABOVE D-12 D-14		
LIGHTS D2600B ** UPPER COVE LTS		LCL	1680 (N)	20/1	7	A	8	20/1	3500	LCL	LIGHTS D2670 **		
D2626 LTG: 4LRC2D-41D- RLY 1		LCL	1543	20/1	9	B	10	20/1	560	LCL	LIGHTS D2620 **		
LIGHTS D2600B **CENTER AISLE STRIP LTS		LCL	2640	20/1	11	C	12	20/1	640	LCL	LIGHTS D2620 **		
LIGHTS D2600B **		LCL	1920	20/1	13	A	14	20/1	1240	LCL	LIGHTS D2600A **		
LIGHTS D2600B **		LCL	1920	20/1	15	B	16	20/1	1520	LCL	BAG CLAIM SIGN **		
FIB CHECKPOINT LTS		LCL	1500	20/1	17	C	18	20/1	2760	LCL	BAG CLAIM SIGN **		
FPC **		LCL	3435	20/1	19	A	20	20/3	500	EQ	D-10 FOLDING DOOR		
FPC **		LCL	2100	20/1	21	B	22		500				
FPC **		LCL	3700	20/1	23	C	24		500				
FPC **		LCL	2770	20/1	25	A	26	20/3	0		SPARE		
FPC **		LCL	2963	20/1	27	B	28		0				
FPC **		LCL	2500	20/1	29	C	30		0				
FPC **		LCL	2963	20/1	31	A	32	20/1	500	EQ	D-11 FOLDING DOOR		
FPC **		LCL	2963	20/1	33	B	34	20/1	500	EQ	D-11 FOLDING DOOR		
FPC **		LCL	2493	20/1	35	C	36	20/1	500	EQ	D-11 FOLDING DOOR		
FPC **		LCL	2963	20/1	37	A	38		0		PANEL 2D2A		
FPC **		LCL	2963	20/1	39	B	40		0				
FPC **		LCL	2493	20/1	41	C	42		0				
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)						TOTAL CONNECTED LOAD VA:		98767
(None)		11650	10912	8850	31412						MAX CONNECTED PHASE AMPS:		132.0
EQUIPMENT (EQ)		1000	1000	1000	3000						TOTAL DESIGN LOAD VA:		122709
LIGHT AND CONT (LCL)		32839	27153	28305	88296						MAX DESIGN PHASE AMPS:		164.1
											NOTES:		
DESIGN LOAD PHASE SUB-TOTAL		45489	39065	38155	122709								

4C3B

4D2A





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2025D031

DESIGN NUMBER

103101

PROJECT NUMBER

REGISTERED PROFESSIONAL
ENGINEER
44775PE

OREGON
JULY 13, 1999
GRANT R. PARTHEMER

EXPIRES: 12/31/2026

7/14/26

PORTLAND INTERNATIONAL AIRPORT
TERMINAL RESTROOM REHABILITATION 2026
480V 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.	154	TYPE	CD
DRAWING NO.		DISC. SHT. NO.	
PDX 2026-510		E8.11	