



(E)	DESIGNATION: 4E1A-EBE4				VOLTAGE(V): 480Y/277V - 3PH-4W						BUS RATING(A): 225			
	AVAILABLE FAULT(A): 9729		MAIN: MLO		MOUNTING: Surface						ENCLOSURE: NEMA 1			
DESCRIPTION			DEMAND	VA	BKR A/P	CKT		CKT	BKR A/P	VA	DEMAND	DESCRIPTION		
TUNNEL LIGHTS**			LCL	3200	20/1	1	A	2	20/1	2250	LCL	N.E. OFFICE**		
LRC-E1A e**			LCL	2200	20/1	3	B	4	20/1	1290	LCL	LOST AND FOUND		
ELEC.RM.**			LCL	1500	20/1	5	C	6	20/1	1920	LCL	LOST AND FOUND		
N.E. TOILET JANITOR**			LCL	2825	20/1	7	A	8	20/1	2250	LCL	T1544 OFFICE		
PAVEMENT MONITORING* SYSTEM 10L-28R			EQ	250	20/1	9	B	10	20/1	2250	LCL	T1558 NORTH OF UNITED		
UNKNOWN				0	20/1	11	C	12	20/1	3200	LCL	LIGHTS IN T1530		
T1T13/T1T15/T1T08 LTG			LCL	250	20/1	13	A	14	20/1	1226	LCL	Z02-203/211/212/214/219/220/226/227/323/327		
EH-1 HEATERS EH-2 HEATERS			EQ	5000	20/1	15	B	16	20/1	1918	LCL	Z02-210/215/221/223/230/231/234/T2TS39&T2TS40		
Z02-164:166/237/239/244			LCL	1800	20/1	17	C	18	20/1	1100	LCL	Z02-101/102/109/112/114/124/128/ 144/146		
CM3-004 Z02-241/246/ 250			LCL	1317	20/1	19	A	20	20/1	1374	LCL	LTG 1152/154/167		
POWER MONITOR			EQ	2	20/3	21	B	22	20/1	1541	LCL	BUS SHELTER LRC-E2A		
				2		23	C	24	20/1	1553	LCL	Z01-304 Z02-115:117/120:122/ 129/ 142/401		
				2		25	A	26	20/3	10	LCL	Z02-113/155:162/213/242/243		
Z02-104:108/110/111/123/127/132/133/141			LCL	1178	20/1	27	B	28		10		DMX1T-E2EA-EBDK-A		
Z02-247			LCL	600	20/1	29	C	30		10				
ROLL UP DOOR			EQ	1000	20/3	31	A	32	20/3	0		UNKNOWN		
				1000		33	B	34		0				
				1000		35	C	36		0				
UNKNOWN			EQ	1000	20/3	37	A	38	70/3	0		PANEL 2E1A 45KVA XFMR*		
				1000		39	B	40		0				
				1000		41	C	42		0				
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)		NOTES:					TOTAL CONNECTED LOAD VA:		80839
(None)		0	2500	2500	5000	MAX CONNECTED PHASE AMPS:						102.6		
EQUIPMENT (EQ)		6880	11694	6660	25234	TOTAL DESIGN LOAD VA:						79715		
LIGHT AND CONT (LCL)		13219	7175	10738	31131	MAX DESIGN PHASE AMPS:						99.4		
RECEPTACLES (REC)		6977	6167	5206	18349									
DESIGN LOAD PHASE SUB-TOTAL		27075	27536	25104	79715									

N	DESIGNATION: 4P2D-16D-B			VOLTAGE(V): 480Y/277V - 3PH-4W							BUS RATING(A): 100			
	AVAILABLE FAULT(A): 8260		MAIN: MLO		MOUNTING: Surface							ENCLOSURE: NEMA 1		
DESCRIPTION			DEMAND	VA	BKR A/P	CKT	CKT	BKR A/P	VA	DEMAND	DESCRIPTION			
4LRC2D-16D-A RLY 1:8			LCL	823	20/1	1	A	2	20/1	0		SPARE		
SPARE				0	20/1	3	B	4	20/1	0		SPARE		
SPARE				0	20/1	5	C	6	20/1	0		SPARE		
SPARE				0	20/1	7	A	8	20/1	0		SPARE		
SPARE				0	20/1	9	B	10	20/1	0		SPARE		
SPARE				0	20/1	11	C	12	20/1	0		SPARE		
SPARE				0	20/1	13	A	14	20/1	0		SPARE		
SPARE				0	20/1	15	B	16	20/1	0		SPARE		
SPARE				0	20/1	17	C	18	20/1	0		SPARE		
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		
AHU CWP & HWP NEW			EQ	1150	20/3	31	A	32	20/1	0		SPARE		
				1150		33	B	34	20/1	0		SPARE		
				1150		35	C	36	20/1	0		SPARE		
SPARE				0	20/1	37	A	38	30/3	6011	EQ	EWB-D2221		
SPARE				0	20/1	39	B	40		6011				
SPARE				0	20/1	41	C	42		6011				
DEMAND CATEGORY		A PH(VA)	B PH(VA)	C PH(VA)	TOTAL(VA)		NOTES:					TOTAL CONNECTED LOAD VA:		22306
EQUIPMENT (EQ)		7161	7161	7161	21483							MAX CONNECTED PHASE AMPS:		28.8
LIGHT AND CONT (LCL)		1029	0	0	1029							TOTAL DESIGN LOAD VA:		22512
												MAX DESIGN PHASE AMPS:		29.6
DESIGN LOAD PHASE SUB-TOTAL		8190	7161	7161	22512									

4E1A-EBE4	4P2D-16D-B
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 Port of Portland	
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2025D031 103101 DESIGN NUMBER PROJECT NUMBER	



PORTLAND INTERNATIONAL AIRPORT	SUBMITTED BY		BRIAN FRANCIS	
	DESIGNED BY		A. NGUYEN	
TERMINAL RESTROOM REHABILITATION 2026	DRAWN BY		A. NGUYEN	
	CHECKED BY		J. MUTSCHLER	
480V PANEL SCHEDULES 4 - ELECTRICAL	DATE		JULY 2026	
	SHEET NO.		157	TYPE CD
	DRAWING NO.		PDX 2026-510	DISC. SHT. NO. E8.14