LOCATION: ELECTRICAL/FIF SUPPLY FROM: EL4T23A MOUNTING: SURFACE ENCLOSURE: NEMA-1				RE N401C VOLTS: 208/120 Wye PHASES: 3 WIRES: 4 SUB FEED LUGS: No								A.I.C. RATING: 10kA BUS RATING: 100 A MAINS TYPE: MCB MCB RATING: 100				
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	, (V		B (VA)	C (V		POLES	TRIP (A)	LOAD CLASS.	CIRCI	JIT DESCRIPTION	СК
1	FIRE ALARM CABINET - N501C	PNON	20	1	500											2
3	FIRE ALARM CABINET - N501C	PNON	20	1			500									4
5	FIRE ALARM CABINET - N401C	PNON	20	1	500				500							6
7	FIRE ALARM CABINET - N401C	PNON	20	1	500		500									8
9	FIRE ALARM CABINET - N301C	PNON	20	1			500		500							10
11 13	FIRE ALARM CABINET - N301C	PNON	20	1					500							1:
15																10
17																18
19																20
21																22
23																24
25																26
27																28
29																30
31																32
33																34
35																36
37																38
39																40
41			TAL 10	1D ()(A)	4.6		4.00		1.0	00						42
				AD (VA): DAD (A):	1,0	3 3	1,00	0	1,0							
OAD (CLASSIFICATION		CON	JECTED I	OAD	DEN	MAND FACT	OR	CAI CI	II ATF	D DEMAN	D				
PNON				3,000 VA			100.00%	<u> </u>	0,1201	3,000				PANE	L TOTALS	
													СО	NNECTED:	3,000 VA	
													ALCULATED			
														NNECTED:	•	
													ALCULATED			

LOCATION: ELECTRICAL/FIRE S4 SUPPLY FROM: EL4T13A MOUNTING: SURFACE ENCLOSURE: NEMA-1			IRE S40	E S401C VOLTS: 208/120 W PHASES: 3 WIRES: 4 SUB FEED LUGS: No									A.I.C. RATING: 10kA BUS RATING: 100 A MAINS TYPE: MCB MCB RATING: 100			
CKT	CIRCUIT DESCRIPTION FIRE ALARM CABINET - S301C	LOAD CLASS. PNON	TRIP (A) 20	POLES		A (A)	E (V		(V	C (A)		RIP (A)	LOAD CLASS.	CIRCI	JIT DESCRIPTION	CK
	FIRE ALARM CABINET - S301C	PNON	20	1	300		500									4
	FIRE ALARM CABINET - S401C	PNON	20	1			000		500							6
	FIRE ALARM CABINET - S401C	PNON	20	1	500											8
	FIRE ALARM CABINET - S501C	PNON	20	1			500									1
11	FIRE ALARM CABINET - S501C	PNON	20	1					500							1
13																1
15																1
17																1
19																2
21																2:
23																2
25 27																20
29																30
31																32
33																34
35																36
37																38
39																40
41																42
		TO	TAL LC	AD (VA):	1,0	000	1,0	000	1,0	000						
		Т	OTAL L	.OAD (A):	8	8	8	3	8	3						
							AND FAC		CALCULATED DEMAND			PANEL TOTALS				
PNON				3,000 VA	١		100.00%	· · · · · · · · · · · · · · · · · · ·		3,000	U VA					
														NNECTED:		
												(CALCULATED			
													COI	NNECTED:	8 A	
												C	CALCULATED	DEMAND:	8 A	

	LOCATION: ELE SUPPLY FROM: EL7 MOUNTING: SUF ENCLOSURE: NEM	1C		VOLTS: 208/1 PHASES: 3 WIRES: 4 ED LUGS: No	20 Wye	A.I.C. RATING: 10kA BUS RATING: 100 A MAINS TYPE: MCB MCB RATING: 100						
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	TR POLES (A		CIRCI	JIT DESCRIPTION	СК
	REC - ELEV.	PNON	20	1	180							2
	REC - ELEV.	PNON	20	1		180						4
	REC - ELEV.	PNON	20	1			180					6
	REC - ELEV.	PNON	20	1	180							8
	REC - ELEV.	PNON	20	1		180						1
	FIRE ALARM EQUIPMENT	PNON	20	1			500					1
	FIRE ALARM EQUIPMENT	PNON	20	1	500							1
	FIRE ALARM EQUIPMENT	PNON	20	1		500						1
	FIRE ALARM EQUIPMENT	PNON	20	1			500					1
	FIRE ALARM EQUIPMENT	PNON	20	1	500							2
	FIRE ALARM EQUIPMENT	PNON	20	1		500						2
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1			500					2
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1	500							2
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1		500						28
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1			500					30
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1	500							32
	LEVEL 7 SECTOR B - 120V EM LIGHTING	LTG	20	1		14	70					34
	LEVEL 7 SECTOR C - 120V EM LIGHTING	LTG	20	1			72					30
37												38
39												40
41				10 071	2.000	1.074	2.050					42
				AD (VA): DAD (A):	2,360	1,874 16	2,252 19					
OAD C	LASSIFICATION		CONI	NECTED I	OAD DE	MAND FACTOR	CALCULAT	TED DEMAND				
_TG	-			87 VA		125.00%		8 VA		PANE	L TOTALS	
PNON				6,400 VA		100.00%		00 VA	<u></u>	ONNECTED:	6 487 VA	
INCIN				0,400 VA		100.00 /0	0,4	00 VA	CALCULATE			
											<u> </u>	
									C	ONNECTED:	18 A	
									CALCULATE			

LOCATION: ELECTRICAL/FIRE N101A SUPPLY FROM: EL1T23A MOUNTING: SURFACE ENCLOSURE: NEMA-1						P	VOLTS: 208/12 HASES: 3 WIRES: 4 D LUGS: No	20 Wye		A.I.C. RATING: 10kA BUS RATING: 100 A MAINS TYPE: MCB MCB RATING: 100				
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA		B (VA)	C (VA)	POLE	TRII		CIRC	UIT DESCRIPTION	
1	REC - ELEVATOR PIT	PREC	20	1	180		100							
3	REC - ELEVATOR PIT	PREC	20	1			180	400						
5	REC - ELEVATOR PIT	PREC	20	1	400			180						
7	REC - ELEVATOR PIT	PREC	20	1	180		400							
9	REC - ELEVATOR PIT	PREC	20	1			180	500						
11	FIRE ALARM EQUIPMENT	PNON	20	1	500			500						
13	FIRE ALARM EQUIPMENT	PNON	20	1 1	500		500							
15	FIRE ALARM EQUIPMENT	PNON	20	1			500	500						
17	FIRE ALARM EQUIPMENT	PNON	20	1 1	500			500						
19	FIRE ALARM EQUIPMENT FIRE ALARM EQUIPMENT	PNON PNON	20	1	500		E00							
21	-	PNON	20	1			500	500						
23 25	FIRE ALARM EQUIPMENT	PINON	20	l l				500						
27														
29														-
31														
33														
35														
37														
39														
41														
71		TO	TALLO	AD (VA):	1,36	sn	1,360	1,680						
				OAD (A):	11		11	14						
PNON	CLASSIFICATION		NECTED 3,500 VA			AND FACTOR 100.00%		ATED DEM 5,500 VA	AND		PANEL TOTALS			
PREC				900 VA			100.00%		900 VA		CC	NNECTED:	4,400 VA	
											CALCULATED	DEMAND:	4,400 VA	
					+							NNECTED:	· ·	
											CALCULATED			
			1								JALOULAIEL	, DEIVIAINU.	14 A	
NOTES	S:													

LOCATION: ELECTRICAL/FIRE S701C SUPPLY FROM: EL7T13A MOUNTING: SURFACE ENCLOSURE: NEMA-1						F	VOLTS: 208/12 PHASES: 3 WIRES: 4 D LUGS: No	20 Wye			A.I.C. RATING: 10kA BUS RATING: 100 A MAINS TYPE: MCB MCB RATING: 100			
CKT	CIRCUIT DESCRIPTION ELEV HOIST RECEPT.	LOAD CLASS. PNON	TRIP (A) 20	POLES	(V)		B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CK	
	ELEV HOIST RECEPT.	PNON	20	1 1	100		180						4	
	ELEV HOIST RECEPT.	PNON	20	1			100	180					6	
7	ELEV HOIST RECEPT.	PNON	20	1	180								8	
	ELEV HOISTRECEPT.	PNON	20	1			180						10	
	FA EQUIPMENT - S601C	PNON	20	1	F06			500					1:	
	FA EQUIPMENT - S601C	PNON	20	1	500		F00						1-	
	FA EQUIPMENT - S701C FA EQUIPMENT - S701C	PNON PNON	20	1 1			500	500			+		1	
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1	500			300			+		2	
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1	300		500						2	
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1				500					2	
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1	500								2	
	ELEVATOR CAB FAN AND LIGHT	PNON	20	1			500						2	
29													3	
31 33													3:	
35											+		34	
37													38	
39													4(
41													42	
		ТО	TAL LO	AD (VA):	1,8	860	1,860	1,680						
		T	OTAL LO	DAD (A):	1	6	16	14						
OAD O	CLASSIFICATION		-	NECTED 5,400 VA		DEM	AND FACTOR 100.00%		TED DEMAN 400 VA	ND		PANEL TOTALS		
												NNECTED: 5,400 VA		
												DEMAND: 5,400 VA		
			-									NNECTED: 15 A		
											CALCULATED	DEMAND: 15 A		
OTES	:													



Gensler

811 SW 6TH AVE SUITE 300 PORTLAND, OR 97204



TEL 971.277.2370

pae-engineers.com



11/18/2022 CORE & SHELL 50% DESIGN DEVELOPMENT 02/03/2023 CONSOLIDATED PROGRESS SET 05/02/2023 PROGRESS SET 12/22/2023 CD PROGRESS SET FOR PERMIT AND PRICING 02/22/2024 CD - MEP BID SET 03/29/2024 Issue for Permit 1 10/11/2024 ISSSUE FOR CONSTRUCTION

Seal / Signature

MICRON BUILDING B42

22-1717

Description
SCHEDULES - ELECTRICAL

Scale
NOT TO SCALE

E8.022

City of Boise Stamps

_4B23A	EL4B13A	EL1B23A
	EL7B23A	EL7B13A