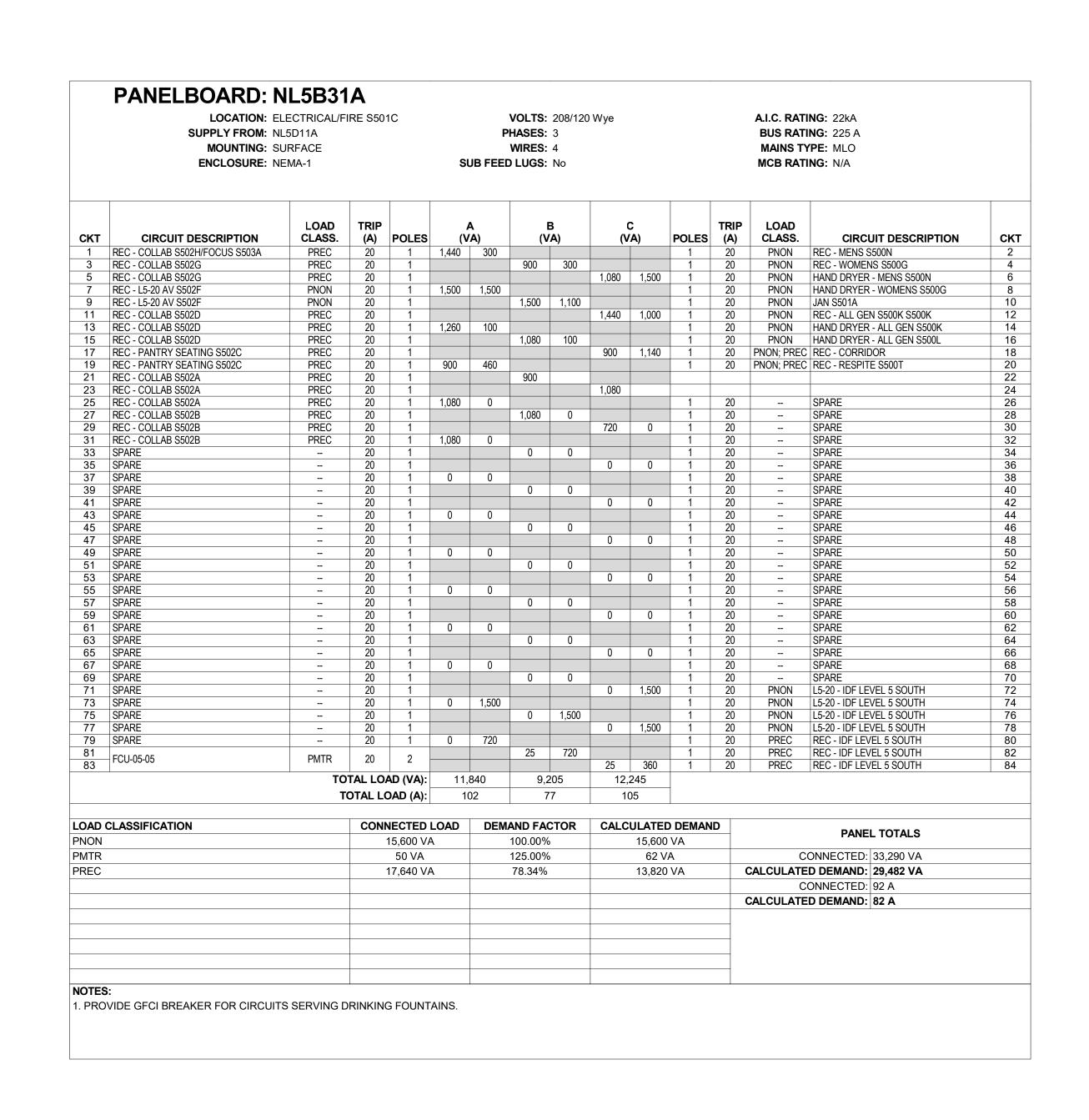


	LOCATION: E SUPPLY FROM: N MOUNTING: S ENCLOSURE: N	IRE N501C		SL	Р	VOLTS: HASES: WIRES: ) LUGS:	3 4		A.I.C. RATING: 22kA BUS RATING: 225 A MAINS TYPE: MLO MCB RATING: N/A						
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A) POLES		` '		B (VA)		C (VA)		POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	СКТ
<u>1</u> 3	REC - LIVING ROOM N502A REC - LIVING ROOM N502A	PREC PREC	20	1	540	1,440	540	1,080			1 1	20 20	PREC PREC	REC - OFF N507B/FOCUS N507A REC - ACTIVITY N502B	2 4
5	REC - LIVING ROOM N502A	PREC	20	1			040	1,000	1,080	720	1	20	PREC	REC - CORRIDOR	6
7	REC - LIVING ROOM N502G	PREC	20	1	1,080	1,080					1	20	PREC	REC - OFF N503B	8
9	REC - TEAM N503C	PREC	20	1			720	1,080			1	20	PREC	REC - OPEN OFFICE	1
11	REC - TEAM N507C	PREC	20	1					720	1,080	1	20	PREC	REC - OPEN OFFICE	1
13	REC - PANTRY N502D	PREC	20	1	720	1,080					1 1	20	PREC	REC - OPEN OFFICE	1
15	COFFEE - PANTRY N502D	PNON	20	1			1,500	1,080			1	20	PREC	REC - OPEN OFFICE	1
17	REC - PANTRY N502D	PREC	20	1					540	1,080	1	20	PREC	REC - OPEN OFFICE	1
19	ESPRESSO - PANTRY N502D	PNON	20	1	1,500	1,080	500	4.000			1 1	20	PREC	REC - OPEN OFFICE	2
21	WATER - PANTRY N502D	PNON	20	1			500	1,080	EOO	4.000	1 1	20	PREC	REC - OPEN OFFICE	2:
23 25	ICE - PANTRY N502D  REFRIGERATOR - PANTRY N502D	PNON PNON	20	1	1 200	700			500	1,080	1	20	PREC PREC	REC - OPEN OFFICE REC - OPEN OFFICE	2
25	REFRIGERATOR - PANTRY N502D	PNON	20	1	1,200	720	1,200	1,080			1	20 20	PREC	REC - OPEN OFFICE	2
29	REFRIGERATOR - PANTRY N502D	PNON	20	1			1,200	1,000	1,200	1,080	1	20	PREC	REC - OPEN OFFICE	30
31	REC - PANTRY N502D	PNON	20	1	360	1,080			1,200	1,000	1	20	PREC	REC - OPEN OFFICE	3:
33	MICROWAVE - PANTRY N502D	PNON	20	1	500	1,000	1,500	1,080			1	20	PREC	REC - OPEN OFFICE	3,
35	REC - PANTRY N502D	PREC	20	1			1,000	1,000	360	720	1	20	PREC	REC - OPEN OFFICE	3
37	MICROWAVE - PANTRY N502D	PNON	20	1	1,500	1,440			- 000	720	1	20	PREC	REC - FOCUS N503L/OFF N503D	38
39	MICROWAVE - PANTRY N502D	PNON	20	1	1,000	1,110	1,500	900			1	20	PNON	REC - CORRIDOR	4(
41	MICROWAVE - PANTRY N502D	PNON	20	1			.,000		1,500	180	1	20	PREC	REC - ELECTRICAL/FIRE	4:
43	MICROWAVE - PANTRY N502D	PNON	20	1	1,500				1,000						4
45	REC - SEATING N502E N502F	PREC	20	1	,		360	337			1	20	LTG	LEVEL 5 SECTOR B - LIGHTING	4
47	VEND - VENDING N502C	PNON	20	1					1,200	0	1	20		SPARE	4
49	REC - PROJECT N507E	PREC	20	1	720	0			,		1	20		SPARE	50
51	REC - PROJECT N507E/CORRIDOR	PREC	20	1			1,080	360			1	20	PREC	DIGITAL SIGNAGE - LIVING RM N502B	52
53	REC - CORRIDOR	PREC	20	1					720	720	1	20	PREC	REC - TEAM - N503C	54
55	REC - OPEN OFFICE	PREC	20	1	1,080	500					1	20	PNON	DIGITAL SIGNAGE - CORRIDOR	56
57	REC - OPEN OFFICE	PREC	20	1			1,080	720			1	20	PREC	REC - TEAM N507C	58
59	REC - OPEN OFFICE	PREC	20	1					1,080	500	1	20	PNON	DIGITAL SIGNAGE - OPEN COLLAB N507G	60
61	REC - OPEN OFFICE	PREC	20	1	1,080	0					1	20		SPARE	62
63	REC - OPEN OFFICE	PREC	20	1			1,080	0			1	20		SPARE	64
65	REC - OPEN OFFICE	PREC	20	1					1,080	0	1	20		SPARE	6
67	REC - OPEN OFFICE	PREC	20	1	1,080	0	4.000				1	20		SPARE	68
69	REC - OPEN OFFICE	PREC	20	1			1,080	0			1	20	-	SPARE	70
71	REC - OPEN OFFICE	PREC	20	1	4.000				720	0	1 1	20	-	SPARE	72
73	REC - OFF N507D	PREC	20	1	1,080	0	4.000	0			1	20	-	SPARE	74
75 77	REC - OPEN OFFICE REC - OPEN OFFICE	PREC PREC	20	1			1,080	0	1,080	0	1	20 20	-	SPARE SPARE	76 78
79	REC - OPEN OFFICE	PREC	20	1	1,080	0			1,000	U	1	20	-	SPARE	80
81	REC - OPEN OFFICE	PREC	20	1	1,000	U	1,080	0			1	20		SPARE	82
83	REC - OPEN OFFICE	PREC	20	1			1,000	U	720	0	1	20		SPARE	84
00	NEC - OF EN OFFICE		TAL LOAD	(\/A).	22,9	040	23,0	007		660	l l	20		SFAIL	0.
			OTAL LOAD	· · ·	19			97	16,						
				,											
OAD	CLASSIFICATION		CONNE	CTED L	OAD	DEM	AND FAC	CTOR	CALC	ULATED	<b>DEMAN</b>	D		PANEL TOTALS	
TG			3	37 VA			125.00%	<u> </u>		421 V	/A			PANEL TOTALS	
NON			18	560 VA			100.00%	<u> </u>		18,560	VA		C	ONNECTED: 65,697 VA	
REC			<u> </u>	800 VA			60.68%			28,400				ED DEMAND: 47,381 VA	
INLO			40,	000 VA	1		00.0070			20,400	٧٨			,	
														CONNECTED: 182 A	
													CALCULATE	ED DEMAND: 132 A	
IOT= 1	۸.														
OTES	5:														

	LOCATION: E SUPPLY FROM: N MOUNTING: S ENCLOSURE: N	L5D11A URFACE	TRE S50	1C	SI	Р	VOLTS: HASES: WIRES: ) LUGS:	3 4	Wye				BUS RAT	FING: 22kA FING: 225 A TYPE: MLO FING: N/A
	DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	(V	<b>A (A)</b>	_	3 (A)	(V	C (A)	POLES	· ' /	LOAD CLASS.	CIRCUIT DESCRIPTION
1 REC - OPEN OFF 3 REC - OPEN OFF		PREC PREC	20	1 1	720	1,500	720	500			1 1	20	PNON PNON	ESPRESSO - COPY PANTRY S504E DIGITAL SIGNAGE - OPEN COLLAB
5 REC - OPEN OFF	ICE	PREC	20	1					1,080	360	1	20	PREC	REC - COPY PANTRY S504B
7 REC - OPEN OFF		PREC	20	1	1,080	720					1	20	PREC	REC - OPEN OFFICE
9 REC - OPEN OFF		PREC	20	1 1			720	720	4.000	700	1	20	PREC	REC - OPEN OFFICE
11 REC - OPEN OFF 13 REC - OPEN OFF		PREC PREC	20	1	1,080	720			1,080	720	1	20	PREC PREC	REC - OPEN OFFICE REC - OPEN OFFICE
15 REC - OPEN OFF		PREC	20	1	1,000	120	1,080	720			1	20	PREC	REC - OPEN OFFICE
17 REC - OPEN OFF		PREC	20	1			1,000	120	1,080	1,080	1	20	PREC	REC - OPEN OFFICE
19 REC - OPEN OFF	ICE	PREC	20	1_	720	1,080					1	20	PREC	REC - OPEN OFFICE
21 REC - OPEN OFF		PREC	20	1			1,080	1,080			1	20	PREC	REC - OPEN OFFICE
23 REC - OPEN OFF		PREC	20	1 1	1.000	700			1,080	1,080	1	20	PREC	REC - OPEN OFFICE
25 REC - OPEN OFF 27 REC - OPEN OFF		PREC PREC	20	1 1	1,080	720	1,080	1,080			1	20	PREC PREC	REC - OPEN OFFICE REC - OPEN OFFICE
29 REC - OPEN OFF		PREC	20	1			1,000	1,000	720	1,080	1	20	PREC	REC - OPEN OFFICE
31 REC - OPEN OFF	ICE	PREC	20	1	1,080	1,080					1	20	PREC	REC - OPEN OFFICE
33 REC - OPEN OFF		PREC	20	1			1,080	1,080			1	20	PREC	REC - OPEN OFFICE
35 REC - OPEN OFF		PREC	20	1 1	1.000	1.000			1,080	720	1	20	PREC	REC - OPEN OFFICE
37 REC - OPEN OFF 39 REC - OPEN OFF		PREC PREC	20	1	1,080	1,080	720	1,080			1	20	PREC PREC	REC - OPEN OFFICE REC - OPEN OFFICE
41 REC - COLLAB S		PREC	20	1			120	1,000	1,080	1,080	1	20	PREC	REC - TEAM S503D
43 REC - PROJECT		PREC	20	1	720	1,080			,,,,,,,	,	1	20	PREC	REC - OFF S503B/FOCUS S503C
45 REC - PROJECT		PREC	20	1			900	720			1	20	PREC	REC - FOCUS S503C/OFFICE S503
47 REC - FOCUS S5		PREC	20	1	1 000	1.000			360	1,080	1	20	PREC	REC - COLLAB S504A
49 REC - FOCUS 509 51 REC - TEAM S509	5E/COLLAB S505K	PREC PREC	20	1 1	1,260	1,080	720	1,080			1	20	PREC PREC	REC - COLLAB S504A REC - MD COLLAB S504A
53 REC - FOCUS S5		PREC	20	1			120	1,000	360	1,080	1	20	PREC	REC - MD COLLAB S504A
55 REC - OFF S5050	}	PREC	20	1	1,260	1,080			- 50	,,,,,,,	1	20	PREC	REC - TEAM S505E
57 REC - CORRIDOR		PREC	20	1			720	256		_	1	20	LTG	LEVEL 5 SECTOR A - LIGHTING
59 REC - CORRIDOR		PREC	20	1 1	700	0			1,260	0	1	20		SPARE
61 REC - CORRIDOR 63 REC - COLLAB S		PREC PREC	20	1	720	0	1,080	0			1	20		SPARE SPARE
65 REC - COLLAB S		PREC	20	1			1,550		1,080	0	1	20		SPARE
67 REC - COPY PAN		PREC	20	1	360	0			,		1	20		SPARE
69 REC - COPY PAN		PREC	20	1			180	0			1	20		SPARE
71 REF - COPY PAN		PREC	20	1 1	F00	0			180	0	1	20		SPARE
73 CE - COPY PANT 75 WATER - COPY F		PNON PNON	20	1	500	0	500	0			1	20		SPARE SPARE
77 REC - COPY PAN		PREC	20	1			000	J	360	0	1	20		SPARE
79					500	0					1	20		SPARE
	EE PANTRY S504B	PNON	20	3			500	0			1	20		SPARE
83				AD ()(4)	00	200	10	206	500	0	1	20		SPARE
			TAL LO	` '		300 86		396 32	19,		-			
LOAD CLASSIFICATION	)N		CON	NECTED L	OΔD	DEM	AND FA	CTOR	CALC		D DEMAN	ND		
LTG				256 VA			125.00%		J, 120	320 \				PANEL TOTALS
PNON				4,500 VA			100.00%			4,500				CONNECTED: 61,276 VA
PREC				56,520 VA			58.85%			33,260				ED DEMAND: 38,080 VA
				<u>·</u> <u>·</u>						,				CONNECTED: 170 A
												(		ED DEMAND: 106 A
														<u>'</u>
NOTES:			•											

	LOCATION: EL SUPPLY FROM: NI Mounting: Su Enclosure: Ne	1C	SI	P	VOLTS: PHASES: WIRES: D LUGS:	3 4	) Wye		A.I.C. RATING: 22kA BUS RATING: 225 A MAINS TYPE: MLO MCB RATING: N/A							
CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	(V	<b>A (A)</b>	E (V	_	(V		POLES	<u> </u>	CLASS.		UIT DESCRIPTION	СК
3	COPIER - COPY PANTRY N505B  REC - COPY PANTRY N505B	PREC PREC	20	1	500	800	360				1	20	PNON	REFRIGERAT	OR - COPY PANTRY N405B	4
5	ESPRESSO - COPY PANTRY N505B	PNON	20	1			000		1,500							6
7	REC - COPY PANTRY N505B	PREC	20	1	360											8
9	REC - FOCUS N505E	PREC	20	1			360		000							10
11 13	REC - COLLAB N505F REC - COLLAB N505A	PREC PREC	20 20	1	1,080				900							12 14
15	REC - COLLAB N505A	PREC	20	1	1,000		1,080									16
17	REC - COPY PANTRY N505B	PREC	20	1			1,555		360							18
19	WATER - COPY PANTRY N505B	PNON	20	1	500											20
21	ICE - COPY PANTRY N505B	PNON	20	1			500		4.500							22
23	COFFEE - COPY PANTRY N505B	PNON PREC	20	1	700				1,500							24
25 27	REC - OPEN OFFICE REC - OPEN OFFICE	PREC	20	1	720		720									26 28
29	REC - OPEN OFFICE	PREC	20	1			120		720							30
31	REC - OPEN OFFICE	PREC	20	1	720				120							32
33	REC - COLLAB N504K/COLLAB N506J	PREC	20	1			1,080									34
35	REC - FOCUS N506B	PREC	20	1					900							36
37																38
39 41										0	1	20		SPARE		40 42
43						0				U	1	20		SPARE		44
45								0			1	20		SPARE		46
47	SPARE		20	1					0	0	1	20		SPARE		48
49	SPARE		20	1	0	0					1	20		SPARE		50
51	SPARE SPARE		20	1			0	0	0	0	1 1	20		SPARE SPARE		52
53 55	SPARE		20	1	0	0			U	0	1	20		SPARE		54 56
57	SPARE		20	1	0	0	0	0			1	20		SPARE		58
59	SPARE		20	1					0	0	1	20		SPARE		60
61	SPARE		20	1	0	0					1	20		SPARE		62
63	SPARE		20	1			0	0		0	1 1	20		SPARE		64
65 67	SPARE SPARE		20 20	1	0	0			0	0	1	20 20		SPARE SPARE		66 68
69	SPARE		20	1	U	0	0	0			1	20		SPARE		70
71	SPARE		20	1					0	1,500	1	20	PNON	L5-20 - IDF LE	VEL 5 NORTH	72
73	SPARE		20	1	0	1,500					1	20	PNON	L5-20 - IDF LE	VEL 5 NORTH	74
75	SPARE		20	1			0	1,500			1	20	PNON	L5-20 - IDF LE		76
77	SPARE		20	1		700			0	1,500	1	20	PNON	L5-20 - IDF LE		78
79 81	SPARE SPARE		20 20	1	0	720	0	720			1	20	PREC PREC	REC - IDF LE\		80 82
83	SPARE		20	1			- 0	120	0	720	1	20	PREC	REC - IDF LEV		84
	[	ТО		AD (VA):	6.9	900	6,3	320	9,6							
				DAD (A):		58	5		8							
	DAD CLASSIFICATION CONNECTED L						AND FAC		CALC		DEMAN	ID		PANE	L TOTALS	
NON				10,800 V			100.00%	1		10,800			-			
PREC				12,020 V	4		91.60%			11,010	VA			ONNECTED:		
													CALCULATE		*	
														ONNECTED:		
													CALCULATE	D DEMAND:	61 A	



	LOCATION: E SUPPLY FROM: N MOUNTING: S ENCLOSURE: N	IRE N50°	1C	S	P	VOLTS: PHASES: WIRES: D LUGS:	3 4	Wye	A.I.C. RATING: 22kA BUS RATING: 225 A MAINS TYPE: MLO MCB RATING: N/A						
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	(\	A /A)	B (VA)			C 'A)	POLES	<u> </u>	LOAD CLASS.	CIRCUIT DESCRIPTION	
3	REC - TEAM N506F REC - OPEN OFFICE	PREC PREC	20	1	1,440	900	720	1,800			1	20	PREC PREC	REC - TEAM N504A REC - OFF N504B/FOCUS N504C	
5	REC - OPEN OFFICE	PREC	20	1	4.000	200			720	1,440	1	20	PREC	REC - OFF N504D	
	REC - OPEN OFFICE REC - OPEN OFFICE	PREC PREC	20	1	1,080	360	1,080	720			1	20		REC - OFFICE N504D REC - OPEN OFFICE	
11	REC - OPEN OFFICE	PREC	20	1			1,000	120	720	720	1	20		REC - OPEN OFFICE	
13	REC - OPEN OFFICE	PREC	20	1	1,080	1,080					1	20	PREC	REC - OPEN OFFICE	
15 17	REC - OPEN OFFICE REC - OFF N506D	PREC PREC	20	1			1,080	1,080	1,260	720	1	20		REC - OPEN OFFICE REC - OPEN OFFICE	
17	REC - OFF N506D REC - FOCUS N506E	PREC	20	1	360	1,080			1,200	120	1	20		REC - OPEN OFFICE	
21	REC - CORRIDOR	PREC	20	1		1,550	720	1,080			1	20	PREC	REC - OPEN OFFICE	
23	REC - OPEN OFFICE	PREC	20	1	4.000	4.000			1,080	900	1	20	PREC	REC - CORRIDOR	
25 27	REC - OPEN OFFICE REC - OPEN OFFICE	PREC PREC	20	1 1	1,080	1,080	720	1,080			1	20	PREC PREC	REC - OPEN OFFICE REC - OPEN OFFICE	
29	REC - OPEN OFFICE	PREC	20	1			120	1,000	1,080	720	1	20	PREC	REC - OPEN OFFICE	
31	REC - OPEN OFFICE	PREC	20	1	1,080	1,080					1	20	PREC	REC - OPEN OFFICE	
33 35	REC - OPEN OFFICE REC - OPEN OFFICE	PREC PREC	20	1 1			1,080	1,080	1,080	1,080	1	20		REC - OPEN OFFICE REC - OPEN OFFICE	
35	REC - OPEN OFFICE	PREC	20	1	720	1,080			1,000	1,000	1	20		REC - OPEN OFFICE	
39	REC - OPEN OFFICE	PREC	20	1		,,,,,,	1,080	720			1	20	PREC	REC - OPEN OFFICE	
41	REC - OPEN OFFICE	PREC	20	1	4.000	1.000			1,080	1,080	1	20	PREC	REC - OPEN OFFICE	
43 45	REC - OPEN OFFICE REC - OPEN OFFICE	PREC PREC	20	1 1	1,080	1,080	1,080	1,080			1	20 20		REC - OPEN OFFICE REC - OPEN OFFICE	
47	REC - OPEN OFFICE	PREC	20	1			1,000	1,000	720	1,080	1	20		REC - OPEN OFFICE	
49	DIGITAL SIGNAGE - CORRIDOR	PNON	20	1	500	720					1	20	PREC	REC - OPEN OFFICE	
51 53	REC - TEAM N506C/COLLAB N506K REC - OFFICE N506A	PREC PREC	20	1			1,080	720	1,080	720	1	20	PREC PREC	REC - TEAM N504C REC - TEAM N504E	
55	SPARE	FREC	20	1	0	1,260			1,000	120	1	20		REC - OFF N504G	
57	SPARE		20	1		,===	0	360			1	20	PREC	REC - FOCUS N504F	
59	SPARE		20	1	^	200			0	300	1	20		REC - MENS N500P	
61 63	SPARE SPARE		20	1	0	300	0	1,500			1	20		REC - WOMENS N500F HAND DRYER - MENS N500P	
65	SPARE		20	1				.,500	0	1,500	1	20	PNON	HAND DRYER - WOMENS N500F	
67	SPARE		20	1	0	780		000			1	20		REC - JAN N501A	
69 71	SPARE SPARE		20	1 1			0	200	0	1,500	1	20	PNON PNON	REC - ALL GEN N500H N500N HAND DRYER - ALL GEN N500H	
73	SPARE		20	1	0	1,500			J	1,500	1	20		HAND DRYER - ALL GEN N500N	
75	SPARE		20	1			0	1,080			1	20	PNON; PREC	REC - CORRIDOR	
77 79	SPARE SPARE		20	1	0	720			0	1,080	1 1	20	PREC PREC	REC - OFFICE N506G REC - TEAM N506C	
	SPARE		20	1 1	U	120	0	0			1	20	PREC	SPARE	
83	SPARE		20	1					0	0	1	20		SPARE	
		TO	TAL LO	AD (VA):	21,	,440	21,	140	21,	660					
		Т	OTAL LO	DAD (A):	1	79	1	76	18	81					
1045	OL ADDIFICATION		00:	IEATE-	1015		AND TO	2722	041.0		. DE:::-	<u> </u>			
	CLASSIFICATION			VECTED			400 00%		CALC		DEMAI	שא		PANEL TOTALS	
PNON PREC				7,900 VA 56,340 VA			100.00% 58.87%			7,900 33,170			<u> </u>	ONNECTED: 64,240 VA	
i i\EU				JU,J4U V			50.01 %			55,170	٧٨			D DEMAND: 41,070 VA	
														ONNECTED: 178 A	
														D DEMAND: 114 A	
NO==-	N-														
NOTES	<b>S:</b> OVIDE GFCI BREAKER FOR CIRCUIT														



Gensler

811 SW 6TH AVE SUITE 300 PORTLAND, OR 97204



pae-engineers.com

TEL 971.277.2370

Lumald.com

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 10/11/2024 ISSSUE FOR CONSTRUCTION

Seal / Signature

Project Name

MICRON BUILDING B42

22-1717

SCHEDULES - ELECTRICAL

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NOT TO SCALE

E8.013

City of Boise Stamps

NL5B21A	NL5B14B	NL5B11A
NL5B34B	NL5B31A	NL5B24B