



811 SW 6TH AVE  
SUITE 300  
PORTLAND, OR 97204



LUMA

Lumald.com

PANELBOARD: NL6B34B

SPARE

LOCATION: ELECTRICAL/FIB N901C

SUPPLY FROM: NL6D14B

MOUNTING: SURFACE

ENCLOSURE: NEMA-1

VOLTS: 208/240 Vlye

PHASES: 3

WIRES: 4

SUB FEED LUGS: No

A.I.C. RATING: 22kA

BUS RATING: 225 A

MAINS TYPE: MLO

MCR RATING: N/A

CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT		
3	REC - COPY PANTRY N605B	PREC	20	1	0	360	0	1	20	--	SPARE	4		
4	SPARE	--	20	1					20	--	SPARE	5		
5	REC - COPY PANTRY N605B	PREC	20	1			500	0	1	20	--	SPARE	6	
7	REFRIGERATOR - COPY PANTRY N605B	PNON	20	1	800	0			1	20	--	SPARE	8	
9	COFFEE - COPY PANTRY N605B	PNON	20	3		800	0		1	20	--	SPARE	10	
13	ESPRESSO - COPY PANTRY N605B	PNON	20	1	800	0			1	20	--	SPARE	12	
17	REC - COPY PANTRY N605B	PREC	20	1		1,500	0		1	20	--	SPARE	18	
19	REC - FOCUS N60D	PREC	20	1	360	0		360	0	1	20	--	SPARE	20
21	REC - COLLAR N60E	PREC	20	1		900	0		1	20	--	SPARE	22	
23	REC - COLLAR N60EC	PREC	20	1			1,080	0	1	20	--	SPARE	24	
25	REC - COLLAR N60AC	PREC	20	1	1,080	0			1	20	--	SPARE	26	
27	REC - COLLAR N60E	PREC	20	1		360	0		1	20	--	SPARE	28	
29	WATER - COPY PANTRY N605B	PNON	20	1			800	0	1	20	--	SPARE	30	
31	ICE - COPY PANTRY N605B	PNON	20	1	800	0			1	20	--	SPARE	32	
33	REC - OPEN OFFICE	PREC	20	1		720	0		1	20	--	SPARE	34	
35	REC - OPEN OFFICE	PREC	20	1			720	0	1	20	--	SPARE	36	
37	REC - OPEN OFFICE	PREC	20	1	720	0			1	20	--	SPARE	38	
41	REC - OPEN OFFICE	PREC	20	1		720	0		1	20	--	SPARE	40	
43	REC - COLLAR N60A/COLLAR N60J	PREC	20	1			1,080	0	1	20	--	SPARE	42	
45	REC - FOCUS N60B/FOCUS N60F	PREC	20	1	720	0			1	20	--	SPARE	44	
47	SPARE	--	20	1		0	0	0	1	20	--	SPARE	46	
49	SPARE	--	20	1					1	20	--	SPARE	48	
51	SPARE	--	20	1	0	0	0	0	1	20	--	SPARE	50	
53	SPARE	--	20	1					1	20	--	SPARE	52	
55	SPARE	--	20	1	0	0	0	0	1	20	--	SPARE	54	
57	SPARE	--	20	1			0	0	1	20	--	SPARE	56	
59	SPARE	--	20	1					1	20	--	SPARE	60	
61	SPARE	--	20	1	0	0	0	0	1	20	--	SPARE	62	
63	SPARE	--	20	1			0	0	1	20	--	SPARE	64	
65	SPARE	--	20	1			0	0	1	20	--	SPARE	66	
67	SPARE	--	20	1	0	0	0	0	1	20	--	SPARE	68	
69	SPARE	--	20	1		0	0	0	1	20	--	SPARE	70	
71	SPARE	--	20	1			0	1,500	1	20	PNON	LS-20 - DBF LEVEL 6 NORTH	72	
73	SPARE	--	20	1		0	1,500	1	20	PNON	LS-20 - DBF LEVEL 6 NORTH	74		
75	SPARE	--	20	1	0	1,500	0	1,500	1	20	PNON	LS-20 - DBF LEVEL 6 NORTH	76	
77	SPARE	--	20	1			0	1,500	1	20	PNON	LS-20 - DBF LEVEL 6 NORTH	78	
79	SPARE	--	20	1	0	720	0	720	1	20	PREC	REC - DBF LEVEL 6 NORTH	80	
81	SPARE	--	20	1			0	720	1	20	PREC	REC - DBF LEVEL 6 NORTH	82	
83	SPARE	--	20	1				720	1	20	PREC	REC - DBF LEVEL 6 NORTH	84	
TOTAL LOAD (VA):					7,500	7,580	9,060							
TOTAL LOAD (A):					63	63	76							
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		CALCULATED DEMAND		PANEL TOTALS						
PNON		12,300 VA		100.00%		12,300 VA		CONNECTED: 24,140 VA						
PREC		11,640 VA		92.23%		10,920 VA		CALCULATED DEMAND: 23,220 VA						
								CONNECTED: 67 A						
								CALCULATED DEMAND: 64 A						

PANEL BOARD: NL6B31A

LOCATION: ELECTRICAL/FIRE S601C

SUPPLY FROM: NL6D11A

MOUNTING: SURFACE

ENCLOSURE: NEMA-1

VOLTS: 208/120 Wye

PHASES: 3

WIRES: 4

SUB FEED LUGS: No

A.I.C. RATING: 22KA

BAS RATING: 225 A

MAINS TYPE: MLO

MCB RATING: NA

CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT	
2	REC - FOCUS SMOKEAL S80H	PREC	20	1	1,440	300		1	20	PNON	REC - MENS SMOOK	2	
3	REC - COLLAS S60Z	PREC	20	1		1,980	300	1	20	PNON	REC - WOMENS S60G	3	
5	REC - COLLAS S60Z	PREC	20	1					20	PNON	HAND DRYER - MENS S60H	6	
7	LS-20 - AV S60F	PREC	20	1	1,500	1,500		1	20	PNON	HAND DRYER - WOMENS S60G	12	
9	LS-20 - AV S60F	PREC	20	1		1,500	1,100		20	PNON	JAN S60IA	10	
11	LS-20 - AV S60F	PREC	20	1					20	PREC	REC - CARE S60M/GEN SMOOK S60SL	12	
13	REC - COLLAS S60Z	PREC	20	1	1,440	1,500		1	20	PNON	HAND DRYER - ALL GEN SMOOK	14	
15	REC - COLLAS S60Z	PREC	20	1		1,080	1,500	1	20	PNON	HAND DRYER - ALL GEN SMOOK	16	
17	REC - PANTRY S60C	PREC	20	1			1,440	1,440	1	PREC	REC - CORRIDOR	18	
19	REC - PANTRY S60C	PREC	20	1	1,080	900			20	PREC	REC - MOTHERS SMOOK/RESPIRE SMOO	20	
21	REC - COLLAS S60Z	PREC	20	1		900	360		20	PREC	REC - MOTHERS SMOOK	22	
23	REC - COLLAS S60Z	PREC	20	1									
25	REC - COLLAS S60Z	PREC	20	1	1,080	0		1	20		SPARE	24	
27	REC - COLLAS S60B	PREC	20	1		1,080	0	1	20		SPARE	26	
29	REC - COLLAS S60B	PREC	20	1			720	0	1	20	SPARE	28	
31	REC - COLLAS S60B	PREC	20	1	1,080	0		1	20		SPARE	30	
33	REC - MOTHERS SUITE S60OR	PREC	20	1		180	0	0	1	20	SPARE	34	
35	SPARE		20	1			0	0	1	20	SPARE	36	
37	SPARE		20	1	0	0		0	1	20	SPARE	38	
39	SPARE		20	1		0	0	0	1	20	SPARE	40	
41	SPARE		20	1			0	0	1	20	SPARE	42	
43	SPARE		20	1	0	0		0	1	20	SPARE	44	
45	SPARE		20	1		0	0	0	1	20	SPARE	46	
47	SPARE		20	1			0	0	1	20	SPARE	48	
49	SPARE		20	1	0	0		0	1	20	SPARE	50	
51	SPARE		20	1			0	0	1	20	SPARE	52	
53	SPARE		20	1			0	0	1	20	SPARE	54	
55	SPARE		20	1	0	0		0	1	20	SPARE	56	
57	SPARE		20	1		0	0	0	1	20	SPARE	58	
59	SPARE		20	1			0	0	1	20	SPARE	60	
61	SPARE		20	1	0	0		0	1	20	SPARE	62	
63	SPARE		20	1			0	0	1	20	SPARE	64	
65	SPARE		20	1			0	0	1	20	SPARE	66	
67	SPARE		20	1	0	0		0	1	20	SPARE	68	
69	SPARE		20	1			0	0	1	20	SPARE	70	
71	SPARE		20	1			0	1,500	1	20	PNON	LS-20 - IDF LEVEL 6 SOUTH	72
73	SPARE		20	1	0	1,500			1	20	PNON	LS-20 - IDF LEVEL 6 SOUTH	74
75	SPARE		20	1		0	1,500		1	20	PNON	LS-20 - IDF LEVEL 6 SOUTH	76
77	SPARE		20	1			0	1,500	1	20	PNON	LS-20 - IDF LEVEL 6 SOUTH	78
79	SPARE		20	1	0	720			1	20	PREC	REC - IDF LEVEL 6 SOUTH	80
81	FCU/06.05	PMTR	20	2		25	720		20	PREC	REC - IDF LEVEL 6 SOUTH	82	
83								25	360	20	PREC	REC - IDF LEVEL 6 SOUTH	84
TOTAL LOAD (VA):					14,040	12,225	12,085						
TOTAL LOAD (A):					117	102	101						

LOAD CLASSIFICATION

CONNECTED LOAD

DEMAND FACTOR

CALCULATED DEMAND

PANEL TOTALS

PNON

50 VA

100.00%

13,700 VA

CONNECTED: 38,365 VA

PMTR

50 VA

125.00%

62 VA

CALCULATED DEMAND: 31,062 VA

PREC

24,600 VA

70.33%

17,300 VA

CONNECTED: 106 A

CALCULATED DEMAND: 86 A

PANELBOARD: NL6B24B

LOCATION: ELECTRICAL/REC N601C

SUPPLY FROM: NL6D14B

MOUNTING: SURFACE

ENCLOSURE: NEMA-1

VOLTS: 208/120 Wye

PHASES: 3

WIRES: 4

SUB FEED LUGS: No

A.I.C. RATING: 22KA

BUS RATING: 225 A

MAINS TYPE: MLO

MCB RATING: N/A

CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT			
3	REC - OFF NOSE	PREC	20	1	1,080	1,080		1	20	PREC	REC - OFF NOSE	4			
3	REC - TEAM NOSE	PREC	20	1		1,080	1,440		1	20	PREC	REC - TEAM NOSE	4		
5	REC - OPEN OFFICE	PREC	20	1			720	1,080	1	20	PREC	REC - OFF NOSE	6		
11	REC - OPEN OFFICE	PREC	20	1	720	720			1	20	PREC	REC - OPEN OFFICE	8		
9	REC - OPEN OFFICE	PREC	20	1		1,080	720		1	20	PREC	REC - OPEN OFFICE	10		
13	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1	20	PREC	REC - OPEN OFFICE	12		
15	REC - OPEN OFFICE	PREC	20	1	720	1,080	720		1	20	PREC	REC - OPEN OFFICE	14		
15	REC - OPEN OFFICE	PREC	20	1		1,080	720		1	20	PREC	REC - OPEN OFFICE	16		
21	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1	20	PREC	REC - OPEN OFFICE	18		
19	REC - OFF NOSE	PREC	20	1	1,260	1,080			1	20	PREC	REC - OPEN OFFICE	20		
23	REC - FOCUS NOSE	PREC	20	1		360	900		1	20	PREC	REC - OPEN OFFICE	22		
23	REC - CORRIDOR	PREC	20	1	1,080	1,080	720	1,080	1	20	PREC	REC - OPEN OFFICE	24		
25	REC - OPEN OFFICE	PREC	20	1					1	20	PREC	REC - CORRIDOR	26		
27	REC - OPEN OFFICE	PREC	20	1	1,080	1,080			1	20	PREC	REC - OPEN OFFICE	28		
29	REC - OPEN OFFICE	PREC	20	1		1,080	720	1,080	1	20	PREC	REC - OPEN OFFICE	30		
31	REC - OPEN OFFICE	PREC	20	1	1,080	1,080		1,080	1	20	PREC	REC - OPEN OFFICE	32		
35	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1,080	1	20	PREC	REC - OPEN OFFICE	34	
37	REC - OPEN OFFICE	PREC	20	1	1,080	720	1,080		1	20	PREC	REC - OPEN OFFICE	36		
41	REC - OPEN OFFICE	PREC	20	1		720	1,080		1	20	PREC	REC - OPEN OFFICE	38		
43	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1,080	1	20	PREC	REC - OPEN OFFICE	40	
43	REC - OPEN OFFICE	PREC	20	1	1,080	1,080			1	20	PREC	REC - OPEN OFFICE	42		
47	REC - OPEN OFFICE	PREC	20	1		1,080	1,080	1,080	720	1	20	PREC	REC - OPEN OFFICE	44	
49	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1,080	720	1	20	PREC	REC - OPEN OFFICE	46
51	REC - TEAM NOSE/COLLAS NOSE	PREC	20	1	720	0				20	PREC	REC - OPEN OFFICE	48		
53	REC - OFF NOSE	PREC	20	1		1,080	720		1	20	PREC	REC - TEAM NOSE	50		
55	REC - OFF NOSE	PREC	20	1			1,080	1,260	1	20	PREC	REC - OFF NOSE	52		
59	SPARE	--	20	1	0	360				20	PREC	REC - TEAM NOSE	54		
57	SPARE	--	20	1	0		300			20	PREC	REC - OFF NOSE	56		
61	SPARE	--	20	1	0	1,500	0	300	1	20	PREC	REC - FOCUS NOSE	58		
63	SPARE	--	20	1			0	300	1	20	PREC	REC - MEN'S NOSE	60		
65	SPARE	--	20	1			0			20	PREC	HAND DRYER, WOMEN'S NOSE	62		
67	SPARE	--	20	1			0	780	1	20	PREC	PREC - JAN NOSE	64		
69	SPARE	--	20	1	0	380			1	20	PREC	REC - ALL GEN NOSE	66		
71	SPARE	--	20	1	0		1,500	0	1,500	1	20	PREC	HAND DRYER, ALL GEN NOSE	68	
73	SPARE	--	20	1	0	1,260			0	20	PREC	REC - CORRIDOR/FLOORDR.	70		
75	SPARE	--	20	1	0		500	0	720	1	20	PREC	DIGITAL SIGNAGE - CORRIDOR	72	
77	SPARE	--	20	1	0			0	720	1	20	PREC	REC - TEAM NOSE	74	
79	SPARE	--	20	1	0	720	0	0		20	PREC	REC - TEAM NOSE	76		
81	SPARE	--	20	1	0		0	0		20	--	SPARE	78		
83	SPARE	--	20	1				0	0	1	20	--	SPARE	80	
TOTAL LOAD (VA):					20,950		20,900		21,480						
TOTAL LOAD (A):					175		174		179						

LOAD CLASSIFICATION

PREC

PREC

CONNECTED LOAD

7,900 VA

55,440 VA

DEMAND FACTOR

100.00%

59.02%

CALCULATED DEMAND

7,900 VA

32,720 VA

PANEL TOTALS

CONNECTED: 80,340 VA

CALCULATED DEMAND: 46,620 VA

CONNECTED: 176 A

CALCULATED DEMAND: 113 A

△	Date	Description
	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	ISSUE FOR CONSTRUCTION

Seal / Signature

Project Name

MICRON BUILDING B42

Project Number

22-1717

Description
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## SCHEDULES - ELECTRICAL

**Scale**

NOT TO SCALE

## E8.014