

PANELBOARD: NH3B21A LOCATION: ELECTRICAL/FIRE S301C SUPPLY FROM: NH3D11A MOUNTING: SURFACE ENCLOSURE: NEMA-1						VOLTS: 480/277 Wye PHASES: 3 WIRES: 4 SUB FEED LUGS: No							A.I.C. RATING: 65kA BUS RATING: 225 A MAINS TYPE: MLO MCB RATING: N/A					
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES		Α 'A)		B /A)	1	C (A)	POLES	TRIP (A)	LOAD CLASS.	CIRCU	JIT DESCRIPTION	CK		
1	LEVEL 4 SECTOR A - NW OFFICE	LTG	20	1	1,767	2,005	,	, 	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	,	1	20	LTG		OR A - EAST LTG	2		
3	LEVEL 4 SECTOR A - SW OFFICE	LTG	20	1	,	,	1,288	1,632			1	20	LTG	LEVEL 3 SECT	OR A - EAST_LTG	4		
5	LEVEL 4 SECTOR A - EAST LTG	LTG	20	1			,	,	1,782	1,698	1	20	LTG	LEVEL 3 SECT	OR A - WEST LTG	6		
7	LEVEL 4 SECTOR A - EAST OFFICE	LTG	20	1	1,745	1,527					1	20	LTG	LEVEL 3 SECT	OR A - WEST LTG	8		
9	LEVEL 4 SECTOR A - WEST CORE LTG	LTG	20	1			956	985			1	20	LTG		OR A - WEST CORE	10		
11	LEVEL 4 SECTOR A - EAST CORE LTG	LTG	20	1					1,048	696	1	20	LTG		OR A - EAST CORE	12		
13	LEVEL 4 SECTOR A - LIGHTING	LTG	20	1	461	548					1	20	LTG	LEVEL 3 SECT	OR A - LIGHTING	14		
15	SPARE		20	1			0									16		
17	SPARE		20	1					0							18		
19	SPARE		20	1	0											20		
21	SPARE		20	1			0									22		
23	SPARE		20	1					0							24		
25	SPARE		20	1	0											26		
27	SPARE		20	1			0									28		
29	SPARE		20	1	-				0							30		
31	SPARE		20	1	0											32		
33	SPARE		20	1			0									34		
35	SPARE		20	1 1					0							36		
37	SPARE		20	1 1	0											38		
39	SPARE		20	1			0									4(
41	SPARE		20	1 7	0.0		4.4	004	0							42		
				AD (VA):		8,053 4,861			5,223									
		Т	OTAL L	OAD (A):	2	.9	1	18	1	9								
. OAD .TG	CLASSIFICATION		+	NECTED 18,137 V			AND FA 125.00%		CALC	ULATEI 22,672	D DEMAN 2 VA	ID		PANE	L TOTALS			
													C	ONNECTED:	18,137 VA			
												C	ALCULATE	D DEMAND:	22,672 VA			
														ONNECTED:	·			
														D DEMAND:				
													ALCULATE	D DEMAND.	21 A			
IOTES	S:																	

LOCATION: ELECTRICAL/FIF SUPPLY FROM: 42-SWB-04B MOUNTING: SURFACE ENCLOSURE: NEMA-1				RE N301C VOLTS: 480 PHASES: 3 WIRES: 4 SUB FEED LUGS: No								A.I.C. RATING: 42kA BUS RATING: 1,200 A MAINS TYPE: MLO MCB RATING: N/A				
CKT 1	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES		A 'A)	B (VA)	(V.		POLES	TRIP (A)	LOAD CLASS.	CIRCI	JIT DESCRIPTION	CKT 2	
3	NL3T14B	Spare; PNON; LTG; PMTR;	350	3	01,120		50,841	1= 000							4	
5 7					6,922			47,036							6 8	
9	NH3B24B	LTG; PMTR	225	3	0,322		5,124								10	
11					50.040			4,834							12	
13 15	NL4T14B	Spare; PNON;	350	3	50,340		50,096								14	
17	NETT ITS	LTG; PREC;	000				00,030	50,100							18	
19															20	
21 23															22	
25															26	
27															28	
29 31															30 32	
33															34	
35															36	
37															38	
39 41															40	
41		TO ⁻	L TAL LO	AD (VA):	108	,382	106,061	101,	970						42	
				DAD (A):		94	385	36								
	CLASSIFICATION	CONNECTED LOAD					CALC	21,842 VA			PANEL TOTALS					
LTG PNON				17,474 VA			125.00% 100.00%					00	NINIECTED:	316,414 VA		
	MTR REC		68,300 VA 500 VA 222,940 VA 7,200 VA			125.00% 52.24% 65.00%		68,300 VA 625 VA				CALCULATED				
									116,470 VA 4,680 VA				NNECTED:	381 A		
PKIT												CALCULATED				
				,					,				<u> </u>			
NOTE	s.															

	SUPPLY FROM: 4 MOUNTING: 5	LOCATION: ELECTRICAL/F SUPPLY FROM: 42-SWB-01A MOUNTING: SURFACE ENCLOSURE: NEMA-1			IRE S301C VOLTS: 480/277 Wye PHASES: 3 WIRES: 4 SUB FEED LUGS: No							A.I.C. RATING: 65kA BUS RATING: 1,200 A MAINS TYPE: MLO MCB RATING: N/A			
скт	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRC	UIT DESCRIPTION			
1 3	NL3T11A	Spare; PNON;	350	3	53,685	46,705									
5		LTG; PMTR;			0.050		50,241								
\[\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NH3B21A	Spare; LTG	225	3	8,053	4,861									
11					E4 420		5,223								
13 15	 NL4T11A	Spare; PNON;	350	3	54,436	48,406							_		
17		LTG; PMTR;					46,965								
19 21															
23															
25 27	+												_		
\ 29															
31 33															
35															
37 39													_		
41															
			AD (VA):			102,429	· · · · · · · · · · · · · · · · · · ·								
		10) IAL L	OAD (A):	421	361	371								
	CLASSIFICATION		NECTED		DEMAND FACTO		CALCULATED DEMAN		ND PANEL TOTALS		I TOTALS				
LTG			18,694 V		125.00%		23,368 VA		CON						
PNON PMTR		52,360 VA 100 VA			100.00% 112.50%		52,360 VA 112 VA			CONNECTED: 318,575 VA ED DEMAND: 204,551 VA		_			
PREC		2	247,421 V		52.02%		128,711 VA			CONNECTED: 383 A		_			
ILKEC									(CALCULATED I	DEMAND.	246 A	_		

8000 South Federal Way Boise ID 83707

Gensler

811 SW 6TH AVE SUITE 300 PORTLAND, OR 97204



pae-engineers.com

Lumald.com

TEL 971.277.2370

∆ Date Description

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 A 07/11/2024 PLAN CHECK RESPONSE 1 1 10/11/2024 ISSSUE FOR CONSTRUCTION 2 | 12/06/2024 | BULLETIN #1

Seal / Signature

Project Name

MICRON BUILDING B42

22-1717

SCHEDULES - ELECTRICAL

NOT TO SCALE

E8.003

City of Boise Stamps

NH3B24B	NH3B21A	-
-	NH3D14B	NH3D11A
SHPD21A	-	-

CIRCUIT DESCRIPTION My34 Marian Mari TOTAL LOAD (VA): 79,813 79,813 79,813 TOTAL LOAD (A): 288 288 288 LOAD CLASSIFICATION CALCULATED DEMAND PANEL TOTALS 112.50% 269,369 VA CONNECTED: 239,439 VA CALCULATED DEMAND: 269,369 VA CONNECTED: 288 A
CALCULATED DEMAND: 324 A

VOLTS: 480/277 Wye

PHASES: 3

WIRES: 4

SUB FEED LUGS: No

A.I.C. RATING: 22kA

BUS RATING: 400 A

MAINS TYPE: MLO

MCB RATING: N/A

PANELBOARD: SHPD21A

SUPPLY FROM: SH1D11A

ENCLOSURE: NEMA-1

MOUNTING: SURFACE

LOCATION: ELECTRICAL S801D

© 2022 Gensler