	LOCATION: E SUPPLY FROM: 4 MOUNTING: S ENCLOSURE: N	SU		VOLTS: 480/2 PHASES: 3 WIRES: 4 D LUGS: No	?77 Wye			A.I.C. RATING: 42kA BUS RATING: 1,200 A MAINS TYPE: MLO MCB RATING: N/A						
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A LES (VA		B (VA)	I	C VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	СК
1	NII ATAAD	HVAC; PNON;	250		67,701		00 007							2
<u>3</u> 5	NL1T14B	LTG; PMTR;		3			66,937	58,515						6
7			<u> </u>		2,803			30,313						8
9	NH1B14B	PMTR	225	3	2,000		2,803							10
11	1						_,	2,803						12
13					11,920									14
15	NH1B24B	Spare; LTG	225	3			14,652							16
17								12,901						18
19	NII 074 4D	HVAC; PNON;	050		53,514		57.500							20
21	NL2T14B	PMTR; PCO	350	3			57,583	52,624						22
23 25			$A \setminus$		6,823			52,024						24 26
27	NH2B14B	PMTR	225	3	0,023		6,823							28
29		T WITT	220				0,020	6,823						30
31								0,020						32
33														32 34
35														36
37														38
39														40
41														42
		TO	TAL LO	AD (VA):	142,	762	148,798	133	3,666					
		TO	OTAL LO	OAD (A):	52	20	542		183					
_OAD	CLASSIFICATION		CONI	NECTED	LOAD	DEN	IAND FACTOR	CAL	CALCULATED DEMAND					
HVAC			61,135 VA				100.94%		61,711 VA				PANEL TOTALS	
LTG				51,743 V			125.00%			679 VA		COI	NNECTED: 425,226 VA	
PNON				15,610 V			100.00%			5,610 VA	(DEMAND: 406,218 VA	
PMTR				45,018 V			106.16%			793 VA			NNECTED: 511 A	
PCON				5,340 VA			125.00%			675 VA	-		DEMAND: 489 A	
							125.00%			375 VA 375 VA		JALGULATED	DEIMAND. 403 A	
EVCH				6,700 VA										
LCN				44,340 VA			100.00%			340 VA				
PREC			66,240 VA			57.55%			120 VA					
LCK				29,100 V	١		65.00%		18,9	915 VA				

VOLTS: 480/277 Wye

LOAD CLASS. (A) POLES (VA) (VA) POLES (A) CLASS. (CLASS. (A) CLASS. (CLASS. (A) CLASS. (A) CLASS. (A) CLASS. (CLASS. (A) CLASS. (A) CLASS. (CLASS. (A) CLASS. (A) CLA

21,468 VA

PHASES: 3

SUB FEED LUGS: No

WIRES: 4

CONNECTED LOAD DEMAND FACTOR CALCULATED DEMAND

104.87%

20,470 VA

A.I.C. RATING: 35kA

BUS RATING: 225 A

MAINS TYPE: MLO

MCB RATING: N/A

PANELBOARD: NH2B14B

CKT CIRCUIT DESCRIPTION

TF-02-01

9 TF-02-02 11 13

15 17

21 TF-02-04

25 27 TF-02-05

33 TF-02-06

39 TF-02-07

LOAD CLASSIFICATION

SUPPLY FROM: NH1D14B

MOUNTING: SURFACE

ENCLOSURE: NEMA-1

LOCATION: ELECTRICAL/FIRE N201C

	LOCATION: E SUPPLY FROM: 4 MOUNTING: S ENCLOSURE: N	SURFACE	RE S10 ⁻	1K	SUE		VOLTS: 480/27 PHASES: 3 WIRES: 4 ED LUGS: No	7 Wye			A.I.C. RATIN BUS RATIN MAINS TYP MCB RATIN	G: 1,200 A E: MLO	
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	C
1 3 5	NL1T11A	Spare; PNON; LTG; PMTR;	350	3	46,032		42,529	41,819					
7 9 11	NH1B21A	LTG	225	3	3,541		4,572	4,291					•
13 15 17	NL2T11A	Spare; PNON; PREC	350	3	48,440		49,580	44,440					1
19 21 23	BP-1-1	PMTR	125	3	18,913		18,913	18,913					2
25 27 29													
31 33 35													;
37 39 41													
				AD (VA): DAD (A):			115,595 421	109,463 395					
_OAD	CLASSIFICATION		CON	NECTED	LOAD	DEN	MAND FACTOR	CALCULATE	D DEMAN	ID		NG: 1,200 A PE: MLO NG: N/A	
_TG			15,014 VA				125.00%	18,76		PANEL TOTALS			
PNON				64,130 V			100.00%	64,13					
PMTR PCON				61,100 VA 1,700 VA			123.22% 125.00%	75,28					
EVCH				6,700 VA			125.00%	2,125 8,375					
_CN				6,740 VA			100.00%	6,740			DALGGLATED	DEMINIS. OUT A	
PREC				62,900 V			53.07%	86,45					
_CK			:	23,700 V	A		65.00%	15,40	5 VA				
NOTES	5 :												

VOLTS: 480/277 Wye

PHASES: 3

WIRES: 4

SUB FEED LUGS: No

| CKT | CIRCUIT DESCRIPTION | CLASS. | TRIP | CLASS. | CIRCUIT DESCRIPTION | CLASS. |

TOTAL LOAD (VA): 34,300 34,300 34,300 TOTAL LOAD (A): 124 124 124

102,900 VA

CONNECTED LOAD DEMAND FACTOR CALCULATED DEMAND

102,900 VA 100.00%

A.I.C. RATING: 22kA

BUS RATING: 225 A

MAINS TYPE: MLO

PANEL TOTALS

CONNECTED: 102,900 VA

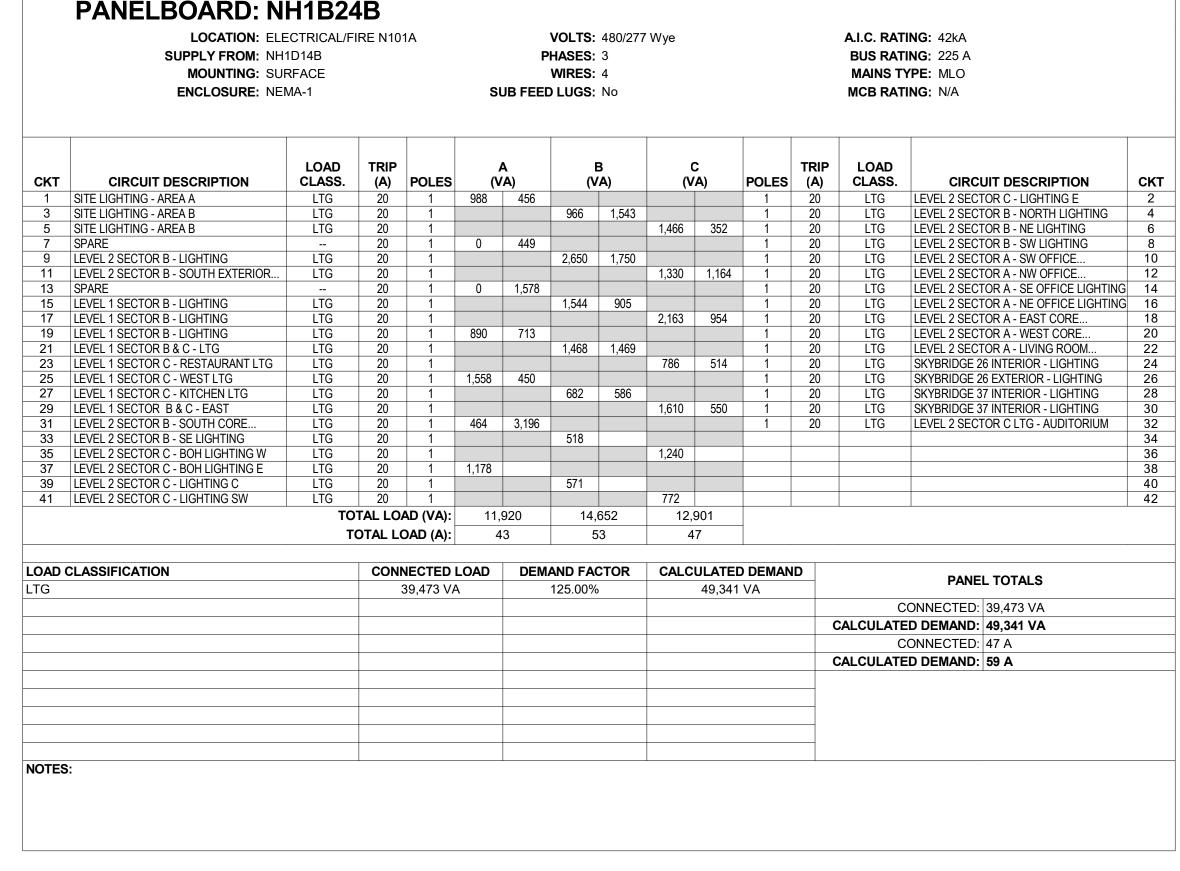
CALCULATED DEMAND: 102,900 VA

CALCULATED DEMAND: 124 A

CONNECTED: 124 A

MCB RATING: N/A

CKT CIRCUIT DESCRIPTION CLASS. CA	LOCATION: ELECTRICAL/FIRE N101A SUPPLY FROM: NH1D14B MOUNTING: SURFACE ENCLOSURE: NEMA-1					SI	P	VOLTS: PHASES: WIRES: D LUGS:	3 4	' Wye		A.I.C. RATING: 42kA BUS RATING: 225 A MAINS TYPE: MLO MCB RATING: N/A						
3 STE LIGHTING-AREA B LTG 20 1 966 1,543 1 20 LTG LEVEL 2 SECTOR B - NORTH LIGHTING 5 STE LIGHTING AREA B LTG 20 1 9 49 1,466 352 1 20 LTG LEVEL 2 SECTOR B - HORTH LIGHTING 7 SPARE - 20 1 0 449 1 1,466 352 1 20 LTG LEVEL 2 SECTOR B - LIGHTING 7 SPARE - 20 1 0 449 1 1,466 352 1 20 LTG LEVEL 2 SECTOR B - SECT	СКТ	CIRCUIT DESCRIPTION	CLASS.	(A)	POLES	(V	/A)	_	_	1	_	POLES	(A)	CLASS.				
\$\frac{5}{5}\$\$ \text{SIFELIGHTING}\$\text{AREAB}\$\$ \text{L'}\$\$ \text{L'}\$\$ \text{2}\$\$ \text{L'}\$\$ \text{L'}\$\$\$ \text{L'}\$\$\$\$ \text{L'}\$\$\$\$ \text{L'}\$\$\$\$\$\$\$ \text{L'}\$	1				1	988	456											
7 SPARE — 20 1 0 449 2 1 1 20 LTG LEVEL 2 SECTOR B - SW LIGHTING LTG 20 1 1 20 449 2 2650 1,750 1 1 20 LTG LEVEL 2 SECTOR B - SW LIGHTING LTG 20 1 1 20 1,750 1 1 20 LTG LEVEL 2 SECTOR A - SW OFFICE. SW OFFICE LIGHT LEVEL 2 SECTOR A - SW OFFICE LIGHT LEVEL 2 SECTOR A - WO OFFICE LIGHT LIGH					1			966	1,543			1						
9 LEVEL 2 SECTOR 8 - JOSTH STERROR. LTG	5		LTG		1					1,466	352	1	20					
11 LEVEL 2 SECTOR B. SOUTH EXPERIOR. LTG 20 1 0 1,578 1,330 1,164 1 20 LTG LEVEL 2 SECTOR A - WO FFICE LIGHT 15 LEVEL 1 SECTOR B. LIGHTING LTG 20 1 1 20 LTG LEVEL 2 SECTOR A - WO FFICE LIGHT 17 LEVEL 1 SECTOR B. LIGHTING LTG 20 1 20 LTG LEVEL 2 SECTOR A - WO FFICE LIGHT 17 LEVEL 1 SECTOR B. LIGHTING LTG 20 1 20 LTG LEVEL 2 SECTOR A - WO FFICE LIGHT 17 LEVEL 1 SECTOR B. LIGHTING LTG 20 1 890 713 1,468 1,469 1 20 LTG LEVEL 2 SECTOR A - WEST CORR. LEVEL 2 SECTOR B & C. LTG LEVEL 2 SECTOR A - WEST CORR. LEVEL 2 SECTOR B & C. LTG LEVEL 2 SECTOR A - WEST CORR. LEVEL 2 SECTOR B & C. LTG LEVEL 2 SECTOR A - WEST CORR. LEVEL 2 SECTOR B & C. LTG LEVEL 2 SECTOR A - WEST CORR. LEVEL 2 SECTOR B & C. LTG LEVEL 2 SECTOR A - WEST CORR. LEVEL 2 SECTOR B & C. LTG LEVEL 2 SECTOR A - LIVING ROOM. LEVEL 2 SECTOR B & C. LTG LEVEL 2 SECTOR B & C. LTG LEVEL 2 SECTOR B & C. LTG LEVEL 2 SECTOR B & C. LIVING ROOM. LEVEL 2 SECTOR B & C. LEVEL 2 SECTOR B & C. LEVEL 3 SECTOR B & C. EAST LTG 20 1 LSS 450 LSS LEVEL 3 SECTOR B & C. EAST LTG 20 1 LSS LEVEL 3 SECTOR B & C. EAST LTG 20 1 LSS LEVEL 3 SECTOR B & C. EAST LTG 20 1 LSS LEVEL 3 SECTOR B & C. EAST LTG 20 1 LSS LEVEL 3 SECTOR B & SUNTH ROOR & LIGHTING LTG 20 1 LSS LEVEL 3 SECTOR B & SUNTH ROOR & LIGHTING LTG 20 1 LSS LEVEL 3 SECTOR B & SUNTH ROOR & LIGHTING LTG 20 1 LSS LEVEL 3 SECTOR B & SUNTH ROOR & LIGHTING LTG 20 1 LSS LEVEL 3 SECTOR B & SUNTH ROOR & LIGHTING LTG 20 1 LSS LEVEL 3 SECTOR B & SUNTH ROOR & LIGHTING LTG 20 1 LSS LSS LEVEL 3 SECTOR B & SUNTH ROOR & LIGHTING LTG 20 1 LSS	•				!	0	449					' '						
13 SPARE					'			2,650	1,750									
15 LEVEL 1 SECTOR B - LIGHTING LTG 20			LTG	_	1					1,330	1,164	-						
17					'	0	1,578											
19					1			1,544	905			1						
LEVEL 1 SECTOR R & C - LTG					1					2,163	954	1						
23 LEVEL 1 SECTOR C - RESTAURANT LTG					1	890	713					1						
25 LEVEL 1 SECTOR C - WEST LTG					1			1,468	1,469			_						
LEVEL 1 SECTOR C - KITCHEN LTG					1					786	514	1	20					
29					1	1,558	450					1						
STATE LEVEL 2 SECTOR B - SOUTH CORE LTG 20 1 464 3,196 518 1 20 LTG LEVEL 2 SECTOR C LTG - AUDITORIUM				20	1			682	586			1						
33 LEVEL 2 SECTOR B - SE LIGHTING	29				1					1,610	550	1	20					
35 LEVEL 2 SECTOR C - BOH LIGHTING W					1	464	3,196					1	20	LTG	LEVEL 2 SECT	OR C LTG - AUDITORIUM		
1,178 1,178 39 LEVEL 2 SECTOR C - LIGHTING E LTG 20 1 1,178 571 772 1 1,178					1			518										
Section C - Lighting C					1					1,240								
LEVEL 2 SECTOR C - LIGHTING SW					1	1,178												
TOTAL LOAD (VA): 11,920 14,652 12,901					1			571										
TOTAL LOAD (A): 43 53 47 LOAD CLASSIFICATION	41	LEVEL 2 SECTOR C - LIGHTING SW	1		1					772								
LOAD CLASSIFICATION LTG 39,473 VA 125.00% 49,341 VA CONNECTED: 39,473 VA CONNECTED: 49,341 VA CONNECTED: 47 A CALCULATED DEMAND: 59 A			TO	TAL LO	AD (VA):	11,	920	14,0	652	12,9	901							
TTG 39,473 VA 125.00% 49,341 VA CONNECTED: 39,473 VA CALCULATED DEMAND: 49,341 VA CONNECTED: 47 A CALCULATED DEMAND: 59 A			Т	OTAL LO	DAD (A):	4	3	5	i3	4	7							
Second								DEMAND FACTOR C				D DEMAN	ID		DANE			
CALCULATED DEMAND: 49,341 VA CONNECTED: 47 A CALCULATED DEMAND: 59 A	LTG			;	39,473 V	Ą		125.00%)		49,341	VA			PANE	L IUIALS		
CONNECTED: 47 A CALCULATED DEMAND: 59 A														C	ONNECTED:	39,473 VA		
CONNECTED: 47 A CALCULATED DEMAND: 59 A	-				<u> </u>	<u></u>			-			·		CALCULATE	D DEMAND:	49,341 VA		
CALCULATED DEMAND: 59 A																•		
NOTES																		
NOTES													_					
NOTES				+			-			-								
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Boise ID 83707

∆ 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

Seal / Signature

MICRON BUILDING B42

22-1717

SCHEDULES - ELECTRICAL

Scale
NOT TO SCALE

E8.002

NH1D14B	NH1D11A	NH1B24B
NH2B14B	NH2B13A	-
-	-	NH2D13A

PANEL TOTALS

CONNECTED: 20,470 VA

CALCULATED DEMAND: 21,468 VA

CALCULATED DEMAND: 26 A

CONNECTED: 25 A

PANELBOARD: NH2B13A

LOAD CLASSIFICATION

LOCATION: ELEC N205D

SUPPLY FROM: NH2D13A

MOUNTING: SURFACE

ENCLOSURE: NEMA-1

	PANELBOARD: NH2D13A LOCATION: ELEC N205D SUPPLY FROM: 42-SWB-03A MOUNTING: SURFACE ENCLOSURE: NEMA-1				VOLTS: 480/277 Wye PHASES: 3 WIRES: 4 SUB FEED LUGS: No								A.I.C. RATING: 35kA BUS RATING: 1,200 A MAINS TYPE: MCB MCB RATING: 1200				
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	(V	A 'A)	B (VA	.)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CK			
<u>1</u> 3	NH2B13A	LCK	225	3	34,300		34,300							4			
5	14125101	ZOIX	ZZO				01,000		34,300					6			
7	All OT42A	Spare; LCN;	450	2	87,983		70 500							8			
9 11	NL2T13A	PREC; LCK	450	3			76,593		87,823					10 12			
13				3	28,533				01,020					14			
15	NH1B13A	LCK	225				28,533		22 -22					16			
17 19									28,533					18 20			
21														22			
23														24			
25														26			
27 29														28 30			
31														32			
33														34			
35														36			
37 39														38 40			
41														40			
		TO	TAL LO	AD (VA):	150	,817	139,4	27	150,657	,							
				DAD (A):	55	-	503	3	550								
LOAD C	CLASSIFICATION		CON	NECTED	LOAD	DEM	IAND FAC	ΓOR	CALCULA	ATED DEMAN	D						
LCN	- 3		31,780 V			100.00%			1,780 VA			PANEL TOTALS					
PREC				360 VA			100.00%			60 VA		CONNECTED: 440,900 VA					
LCK			308,760 VA			65.00%				0,694 VA		CALCULATED DEMAND: 332,834 VA					
												CO	NNECTED: 530 A				
											-	CALCULATED	DEMAND: 400 A				

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