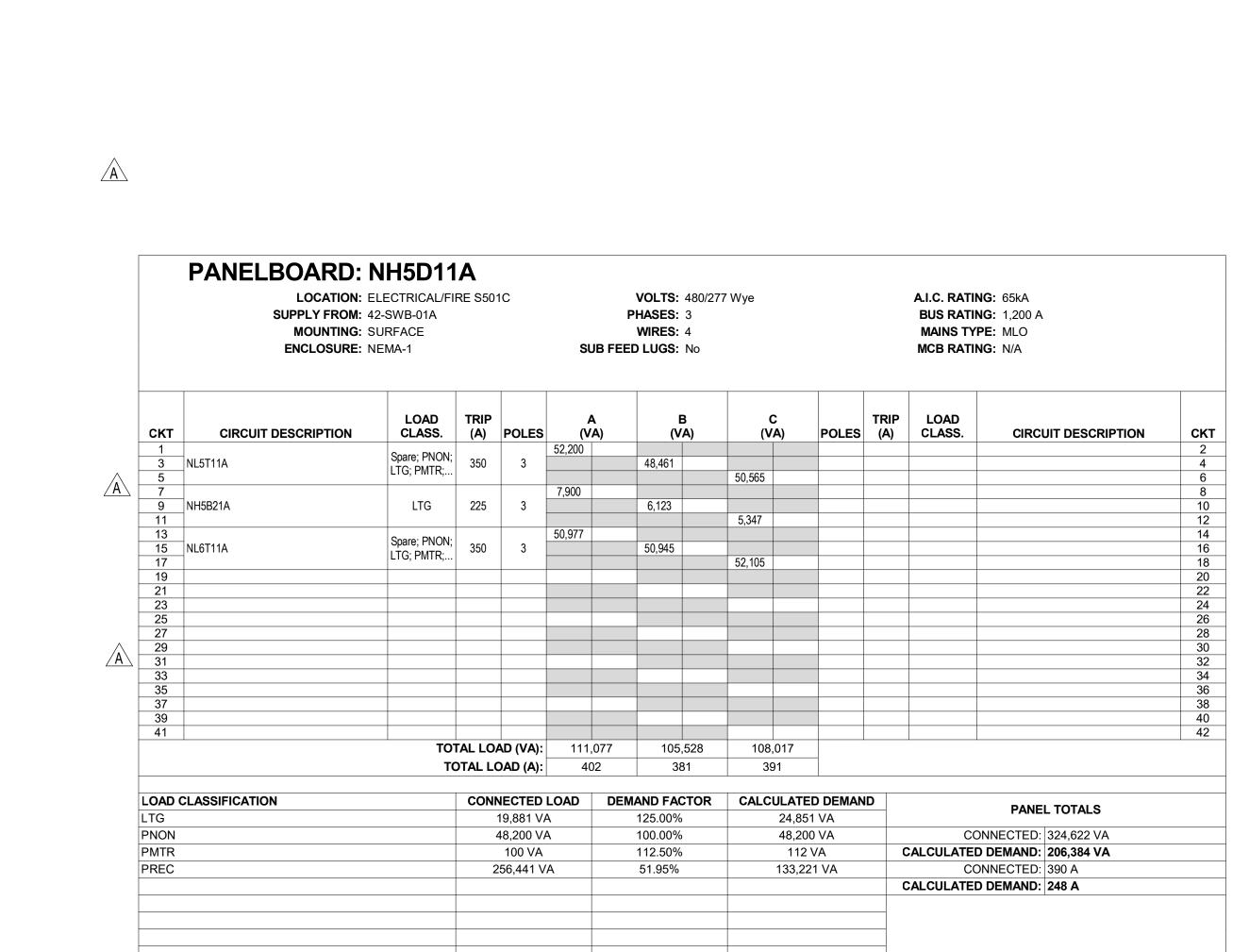
	LOCATION: ELECTRICAL/FIRE N501C SUPPLY FROM: NH5D14B MOUNTING: SURFACE ENCLOSURE: NEMA-1					VOLTS: 480/277 Wye PHASES: 3 WIRES: 4 SUB FEED LUGS: No							A.I.C. RATING: 35kA BUS RATING: 225 A MAINS TYPE: MLO MCB RATING: N/A					
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES		A /A)	l	B 'A)		C (A)	POLES	TRIP (A)	LOAD CLASS.	CIRCL	IIT DESCRIPTION	СК		
1	LEVEL 6 SECTOR B/C - NE LIGHTING	LTG	20	1	2,105											2		
3	LEVEL 6 SECTOR A - N CORE LIGHTING	LTG	20	1			285		2.025							4		
5 7	LEVEL 7 SECTOR B/C - EAST LIGHTING VVR-6-N-11	LTG PMTR	20 20	1	0				2,025							8		
9	V VIX-U-IV-11	I IVITIX	20	1	U											10		
11										1,960	1	20	LTG	LEVEL 5 SECT	OR B - LIGHTING	1:		
13	LEVEL 6 SECTOR A - LIGHTING	LTG	20	1	102	1,472				,,,,,,,	1	20	LTG		OR B - LIGHTING	14		
15	LEVEL 6 SECTOR B - LIGHTING	LTG	20	1			928	658			1	20	LTG	LEVEL 5 SECT	OR B - LIGHTING	16		
17	LEVEL 6 SECTOR B/C - NW LIGHTING	LTG	20	1					2,585	1,803	1	20	LTG		OR C - LIGHTING	18		
19	LEVEL 6 SECTOR B -SE LIGHTING	LTG	20	1	1,140	847					1	20	LTG		OR C - LIGHTING	20		
21	LEVEL COFOTOR O CORE LIQUEINO	1.70	00	4				1,097	740		1	20	LTG	LEVEL 5 SECT	OR C - LIGHTING	2:		
23	LEVEL 6 SECTOR C - CORE LIGHTING	LTG	20	1					713							2		
25 27	LEVEL 6 SECTOR A/B - N602F CORRIDO	LTG	20	1			409									20		
29	LEVEL O SECTOR AVB - NOOZI CORNIDO	LIG	20	1			403									30		
31																32		
33																34		
35																36		
37																38		
39																40		
41																42		
			TAL LO	` '		666 22		377 2	9,0)86 4								
LOAD	CLASSIFICATION		CON	NECTED	LOAD	DEM	AND FA	CTOR	CALC	ULATED	DEMAN	D						
LTG				18,129 V	Α		125.00%)	22,662 VA				PANEL TOTALS					
PMTR				0 VA 0.00%						0 VA			C	ONNECTED:	18,129 VA			
												C		D DEMAND:				
														ONNECTED:	<u> </u>			
														D DEMAND:				
													,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
NOTES	3 :																	

PANELBOARD: NH5B21A LOCATION: ELECTRICAL/FIRE S501C SUPPLY FROM: NH5D11A MOUNTING: SURFACE ENCLOSURE: NEMA-1					S	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					
CKT	CIRCUIT DESCRIPTION LEVEL 6 SECTOR A - NW OFFICE	LOAD CLASS. LTG	TRIP (A) 20	POLES		A 'A) 2,351		B /A)		C (A)	POLES 1	TRIP (A) 20	LOAD CLASS.		JIT DESCRIPTION TOR A - NW OFFICE	CK 7			
3	LEVEL 6 SECTOR A - SW OFFICE	LTG	20	1	1,400	2,001	1,566	2,208			1	20	LTG		OR A - SW OFFICE	4			
5	LEVEL 6 SECTOR A - SE OFFICE LIGHTING		20	1			1,000		1,768	1,889	1	20	LTG		OR A - NE OFFICE LIGHTING				
7	LEVEL 6 SECTOR A - NE OFFICE LIGHTING		20	1	2,235	1,792			,	,	1	20	LTG		OR A - SE OFFICE LIGHTING				
9	LEVEL 6 SECTOR A - EAST CORE	LTG	20	1			1,112	1,237			1	20	LTG	LEVEL 5 SECT	OR A - CORE OFFICE	10			
11	LEVEL 6 SECTOR A - WEST CORE	LTG	20	1					1,040	650	1	20	LTG	LEVEL 5 SECT	OR A/B - S502C LIGHTING	12			
13	LEVEL 6 SECTOR A/B - S602C LIGHTING	LTG	20	1	65											14			
15																16			
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		то	TALLO	AD (\/A\-	7.	200		100	F (17						42			
				AD (VA): OAD (A):		900	· ·	123	5,3	9 9									
	CLASSIFICATION			NECTED		DEM	AND FA		CALC		D DEMAN	D		PANE	L TOTALS				
_TG			19,369 VA				125.00%	0		24,211	VA								
														ONNECTED:	· ·				
												(CALCULATE	D DEMAND:	24,211 VA				
													C	ONNECTED:	23 A				
													CALCULATE	D DEMAND:	29 A				
NOTES	:		1			1										_			

	LOCATION: ELECTRICAL/FIRE N501C SUPPLY FROM: 42-SWB-04B MOUNTING: SURFACE ENCLOSURE: NEMA-1						VOLTS: 4 HASES: 3 WIRES: 4 LUGS: N	3	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 (VA)		B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCI	JIT DESCRIPTION	СКТ
<u>1</u> 3	 NL5T14B	Spare; PNON;	350	3	51,280		50,557								4
5		LTG; PREC			F 000				50,920						6
	NH5B24B	LTG; PMTR	225	3	5,666		3,377								8 10
11					E4 000				9,086						12
13 15	 NL6T14B	Spare; PNON;	350	3	51,639		49,358								14 16
17	NEOT 14B	LTG; PREC	000				+5,000		50,260						18
19															20
21 23															22 24
25															26
27															28
29 31															30 32
33															34
35															36
37															38
39 41															40
		TO	ΓAL LO	AL LOAD (VA): 108,5			585 103,292		110,266						
				DAD (A):	395		373		401						
LOAD	CLASSIFICATION		CONI	NECTED	OAD	DEMA	ND EACT	rop.	CVI CIII V.	TED DEMAK	ID.				
LTG	CLASSIFICATION			18,803 VA		125.009		AND FACTOR 0 125.00% 100.00%		23,504 VA 73,920 VA		PANEL TOTALS			
PNON				73,920 V								CONNECTE		· 322 143 \/A	
PMTR			0 VA			0.00%			· · · · · · · · · · · · · · · · · · ·	VA		CALCULATED DEMAND:			
PREC			229,420 VA			52.18%			119,710 VA			CONNECTED:		· · · · · · · · · · · · · · · · · · ·	
									,		(CALCULATED DEMAND:			
NOTES															
NOTES															



8000 South Federal Way Boise ID 83707

Gensler 811 SW 6TH AVE SUITE 300 PORTLAND, OR 97204 TEL 971.277.2370

pae-engineers.com

Lumald.com

 \triangle 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

© 2022 Gensler

Scale
NOT TO SCALE

E8.004

City of Boise Stamps

NH5B24B	NH5B21A	-
-	NH5D14B	NH5D11A
	-	-