

	LOCATION: MAIN ELECTRICAL S SUPPLY FROM: MOUNTING: FLOOR ENCLOSURE: NEMA-1		VOLTS: 480/27 PHASES: 3 WIRES: 4 JB FEED LUGS: No	7 Wye			A.I.C. RATING: 100kA BUS RATING: 4,000 A MAINS TYPE: MCB MCB RATING: 4000				
СКТ	CIRCUIT DESCRIPTION		TRIP RATING (A)	POLES	A (VA)	B (VA)	C (VA)		NOTES		
1	FUTURE PV		500	3	0	0	0				
2	SPARE		1,200	3	0	0	0				
3	SPARE		800	3	0	0	0				
4	NHPD12B		1,200	3	96,123	95,283	94,055				
5	SPARE		800	3	0	0	0				
6	42-ATS-02		1,000	3	324,304	326,660	330,878				
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
			TOTAL LO			421,943	424,933				
			TOTAL L	OAD (A):	1,518	1,524	1,535				
0.45.01	100171047101		DE14441D E4676D		0111 ATED						
	ASSIFICATION CO	NNECTED LOAD	DEMAND FACTOR	CAL	CULATED	•	SWITCHBOARD TOTALS				
TG		32 VA	125.00%		40 VA		CONNECTED: 1,267,30				
NON		29,220 VA	100.00%	29,220 VA							
MTR		715,971 VA	104.18%		45,901 VA	-			1,148,381 VA		
CON		2,000 VA	125.00%		2,500 VA			ONNECTED:			
EL		480,361 VA	72.00%	345,860 VA		-	ALCULATE	D DEMAND:	1,381 A		
REC		39,720 VA	62.59%	2	24,860 VA						
				+							
				+							
						1					
IOTES:											

	SUPPLY MOU	CATION: MAIN ELECTRI Y FROM: Unting: Floor .OSURE: NEMA-1		VOLTS: PHASES: WIRES: JB FEED LUGS:	3 4	7 Wye			A.I.C. RATING: 100kA BUS RATING: 4,000 A MAINS TYPE: MCB MCB RATING: 4000			
СКТ		CIRCUIT DESCR	PTION	TRIP R		POLES	A (VA)	B (VA)	C (VA)	NOTES		
1	NH1D11A			1,2	:00	3	116,926	115,595	109,463			
2	NH3D11A			1,2		3	115,094	100,692	100,989			
3	NH5D11A			1,2		3	111,077	105,528	108,017			
<u>4</u> 5	NH7D11A 42-ATS-03			1,2		3	56,037 159,719	52,007 159,219	56,221 154,219			
6	42-710-00				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		100,110	109,219	134,219			
7												
8												
9												
10 11												
12												
13												
14												
15												
16 17												
18												
19												
20												
						AD (VA): DAD (A):	558,854 2,020	533,041 1,927	528,909 1,909			
LOAD CLA	SSIFICATION		CONNECTED LOAD	DEMAND FAC	CTOR	CAL	CULATED		SMITCHBO	CHBOARD TOTALS		
LTG			65,984 VA	125.00%		82,480 VA						
Other PNON			0 VA	0.00%		0 VA 303,890 VA			CONNECTED: CALCULATED DEMAND:			
PMTR			303,890 VA 420,507 VA	100.00% 107.12%			0,437 VA	•	CONNECTED:			
PCON			1,700 VA	125.00%		2,125 VA			CALCULATED DEMAND:			
EVCH			6,700 VA	125.00%			,375 VA			1 -		
LCN			6,740 VA	100.00%	· · ·		,740 VA					
PREC LCK			791,582 VA 23,700 VA	50.63% 65.00%			0,791 VA 5,405 VA					
LCK			23,700 VA	65.00%		1;	5,405 VA					
NOTES:												

		LOCATION SUPPLY FROM MOUNTING ENCLOSURE	: FLOOR		VOLTS PHASES WIRES UB FEED LUGS	S : 4	Wye			BUS RAT	ING: 100kA ING: 4,000 A /PE: MCB ING: 4000	
СКТ			CIRCUIT DESCRI	PTION	TRIP	RATING (A)	POLES	A (VA)	B (VA)	C (VA)		NOTES
1	SPARE				1	1,200	3	0	0	0		
2	NH1D14B				1	1,200	3	142,762	148,798	133,666		
3	NH3D14B					1,200	3	111,702	107,421	103,050		
4	NH5D14B					1,200	3	108,585	103,292	110,266		
5	NH7D14B					1,200	3	56,890	59,062	56,380		
6	SPARE					800	3	190 133	190 122	190 133		
7 8	CH-R-02 CH-R-03					1,000 1,000	3	180,133 180,133	180,133 180,133	180,133 180,133		
9	OI 1-1\-03					,,,,,,,,	3	100, 100	100,100	100,133		
10												
11												
12												
13												
14												
15												
16 17												
18												
19												
20												
						OTAL LOA		780,205 2,825	778,840 2,820	763,628 2,757		
OAD CLA	ASSIFICATIO	N		CONNECTED LOAD 61,135 VA	DEMAND F . 100.94			CULATED 1,711 VA			SWITCHBOA	ARD TOTALS
TG				95,492 VA	125.00			19,365 VA		C	ONNECTED:	2,322,674 VA
NON				321,570 VA	100.00			21,570 VA				2,164,788 VA
MTR				1,126,317 VA	111.99			61,417 VA			ONNECTED:	
CON				5,340 VA	125.00			6,675 VA			D DEMAND:	
VCH				6,700 VA	125.00			3,375 VA				
CN				44,340 VA	100.00			4,340 VA				
REC				625,480 VA	50.80			17,740 VA				
KIT				7,200 VA	65.00°			1,680 VA				
CK				29,100 VA	65.00	70	1	8,915 VA				
	·											
				1	1		I		1			

LOCATION: THE GRILL BOH N106A SUPPLY FROM: NH2D13A MOUNTING: FLUSH 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			E (V/		C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRC	UIT DESCRIPTION	С		
1 3 5	1075 - TILT SKILLET	LCK	50	3	9,700		9,700		9,700								
7	[SHUNT FOR CKT 1,3,5.]	-		1					3,700								
9	4000 DAOK OONNEVOD DIOLIMAACHED	1.01/	00	2			18,833		40.000						1		
11 13	1008 - RACK CONVEYOR DISHWASHER	LCK	90	3	18,833				18,833						1		
15					.0,000										1		
17															1		
19 21															2		
23															2		
25															2		
27 29															3		
31															3		
33															3		
35															3		
37 39															3		
41															4		
		ТО	TAL LO	ΓAL LOAD (VA): 28,5			3,533 28,533		28,533								
		Т	OTAL LO	DAD (A):	10)3	10	3	103				,				
OAD C	CLASSIFICATION		CON	NECTED	LOAD	DEM	AND FAC	TOR	CALCULATED DEMAND				DANE	L TOTALS			
_CK			3	85,600 V	4		100.00%		85,	600 VA							
													ONNECTED:				
											C	ALCULATE					
													ONNECTED:				
											C	ALCULATE	D DEMAND:	103 A			
NOTES									I								
NOTES			1														

CIRCUIT DESCRIPTION EL 1 SECTOR A 0 LIGHTING EL 1 SECTOR A - LIGHTING EL 1 SECTOR A - LTG EL 1 SECTOR A - LIGHTING	LOAD CLASS. LTG LTG LTG LTG LTG LTG LTG LTG LTG LT	TRIP (A) 20 20 20 20 20 20	1 1	(V	A)	B (VA)		C VA)	POLES	TRIP (A)	LOAD CLASS.	CIDCI	UT DESCRIPTION	СК
IL 1 SECTOR A - LIGHTING IL 1 SECTOR A - LTG IL 1 SECTOR A - LIGHTING LIGHTING - AREA C	LTG LTG LTG LTG LTG	20 20	1							(~)	CLASS.	CIRCL	JIT DESCRIPTION	
IL 1 SECTOR A - LIGHTING IL 1 SECTOR A - LTG IL 1 SECTOR A - LIGHTING LIGHTING - AREA C	LTG LTG LTG LTG LTG	20 20	1			2.405								4
IL 1 SECTOR A - LTG IL 1 SECTOR A - LIGHTING LIGHTING - AREA C	LTG LTG LTG LTG	20	<u>'</u>			2,405	1,730							6
EL 1 SECTOR A - LIGHTING EL 1 SECTOR A - LIGHTING EL 1 SECTOR A - LIGHTING LIGHTING - AREA C	LTG LTG LTG		1	1,038			1,730							8
L 1 SECTOR A - LIGHTING L 1 SECTOR A - LIGHTING LIGHTING - AREA C	LTG LTG		1	1,000		1,802								10
L 1 SECTOR A - LIGHTING LIGHTING - AREA C	LTG	20	1 1			1,002	1,122							12
LIGHTING - AREA C		20	1	2,503			1,122							14
	LTG	20	1	,		366								16
	LTG	20	1				1,438							18
														20
														22
														24
														26
														28
														30 32
														34
														36
														38
														40
														42
						4,572 17	4	-						
SIFICATION							R CAL			ID		PANEL	L TOTALS	
			12,404 V/	4	12	25.00%		15,5	05 VA			NINEOTED	40.404374	
										(
											CALCULATED	DEMAND:	19 A	
	SIFICATION	т	TOTAL L SIFICATION CON		TOTAL LOAD (A): 1	TOTAL LOAD (A): 13 SIFICATION CONNECTED LOAD DEMAN	TOTAL LOAD (A): 13 17 SIFICATION CONNECTED LOAD DEMAND FACTOR	TOTAL LOAD (A): 13 17 SIFICATION CONNECTED LOAD DEMAND FACTOR CALC	TOTAL LOAD (A): 13 17 16 SIFICATION CONNECTED LOAD DEMAND FACTOR CALCULAT	TOTAL LOAD (A): 13 17 16 SIFICATION CONNECTED LOAD DEMAND FACTOR CALCULATED DEMAN	TOTAL LOAD (A): 13 17 16 SIFICATION CONNECTED LOAD DEMAND FACTOR CALCULATED DEMAND 12,404 VA 125.00% 15,505 VA	TOTAL LOAD (A): 13	TOTAL LOAD (A): 13	TOTAL LOAD (A): 13 17 16 SIFICATION CONNECTED LOAD DEMAND FACTOR CALCULATED DEMAND PANEL TOTAL S

LOCATION: ELECTRICAL/FIRE N SUPPLY FROM: NH1D14B MOUNTING: SURFACE ENCLOSURE: NEMA-1			IRE N10 ⁻	E N101A VOLTS: 480/277 Wye PHASES: 3 WIRES: 4 SUB FEED LUGS: No									A.I.C. RATING: 42kA BUS RATING: 225 A MAINS TYPE: MLO MCB RATING: N/A					
	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	(V	A ' A)	E (V	B (A)	1	C (A)	POLES	TRIP (A)	LOAD CLASS.	CIRCU	JIT DESCRIPTION	CKT		
1 3 TF-01-0	01	PMTR	15	3	943	583	943	583			3	15	PMTR	TF-01-04		4		
5	-								943	583						6		
7					833	0	200									8		
9 TF-01-0	02	PMTR	15	3			833	0	833		3	15	PMTR	TF-01-05		10 12		
11 13					443				033	0						14		
15 TF-01-0	03	PMTR	15	3	770		443									16		
17									443							18		
19																20		
21																22		
23 25																24 26		
27																28		
29																30		
31																32		
33																34		
35																36		
37 39																38 40		
41																42		
		ТО	TAL LO	AD (VA):	2.8	303	2.8	803	2.8	303								
				DAD (A):		0	1			0								
LOAD CLASS	IFICATION			NECTED I			EMAND FACTOR		CALCULATED [PANEL TOTALS				
-MIK	MTR			8,410 VA			108.41%)		9,118	VA							
														ONNECTED:				
														D DEMAND:				
														ONNECTED:				
													JALCULATE	D DEMAND:	71 A			

City of Boise Stamps

42-SWB-03A	42-SWB-02B	42-SWB-01A
NH1B13A	-	42-SWB-04B
NH1B21A	NH1B14B	-



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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

Description
SCHEDULES - ELECTRICAL

Scale
NOT TO SCALE

E8.001

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