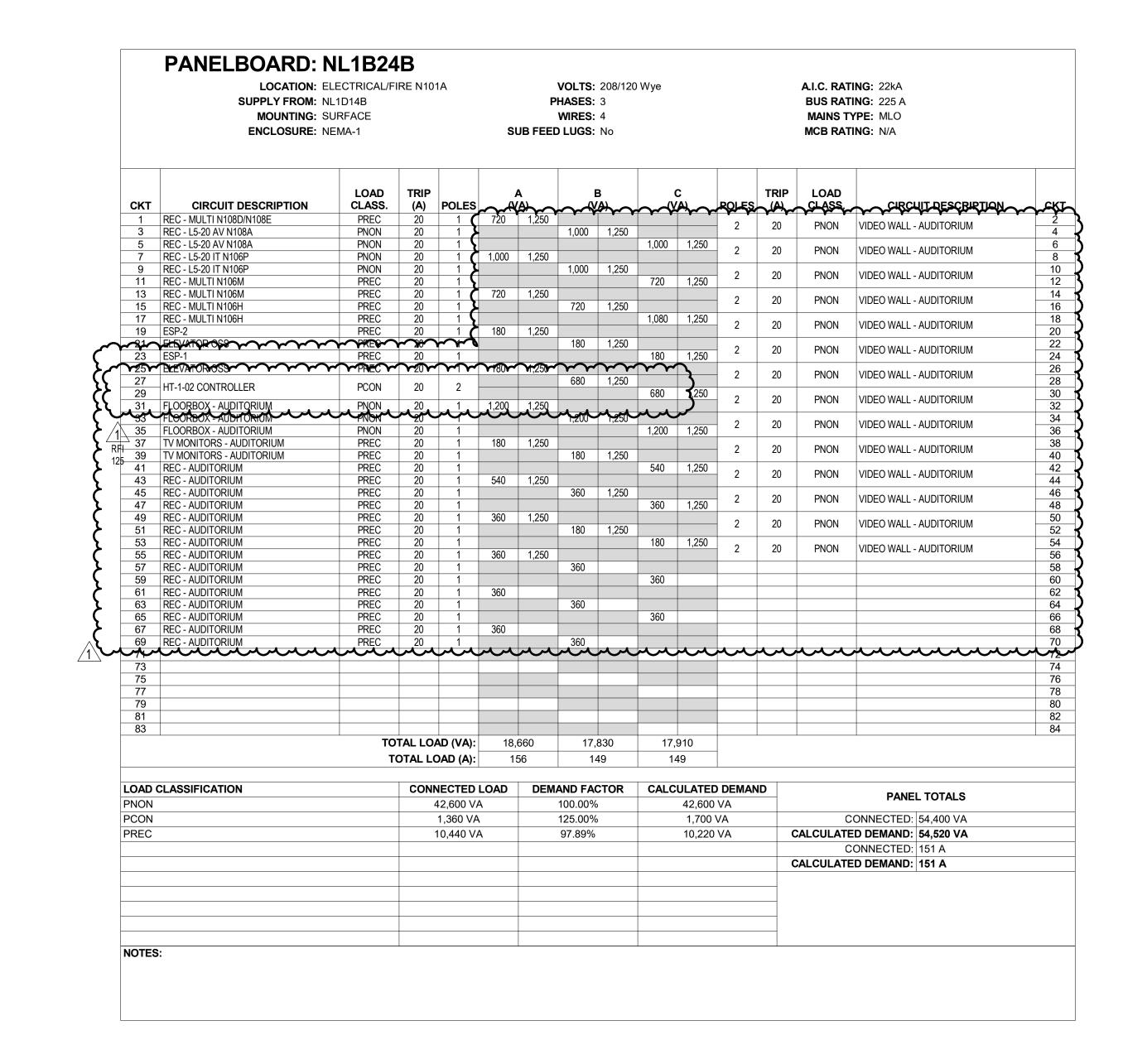
LOCATION: ELEC N205D SUPPLY FROM: NL2D13A MOUNTING: SURFACE ENCLOSURE: NEMA-1			VOLTS: 208/120 Wye PHASES: 3 WIRES: 4 SUB FEED LUGS: Yes										A.I.C. RATING: 14kA BUS RATING: 225 A MAINS TYPE: MCB MCB RATING: 225					
KT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	, (V	A (A)	E (V		1	C /A)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	скт			
1 3	2002, 2003 - FRIDGE, BEVERAGE	LCN	20	1	1,580	2,000	2,500				1	20		2036, 2042 - HOOD LIGHTS, FRIDGE BASE	2			
) ;	2006 - DUAL COFFEE BREWER	LCK	30	2			2,300		2,500	1,800	1	20	LCN	[SHUNT OR CK 2.]	6			
	2003 - BEVERAGE COUNTER	LCN	20	2	600	700	000	700			2	20	LCN	2058 - BLAST CHILLER	8			
							600	700		1,160	1	20	LCN	2062, 2063 - FOOD PROCESSOR, WORK	10 12			
						600				,	2	20	LCN	2063 - WORK TABLE PLUGS	14			
								600		1,933	_		2011	2000 WOTHE MEET 2000	16 18			
						1,933				1,500	3	20	LCK	2086 - 60 QT MIXER	20			
_			1					1,933		600					22			
_						600				600	2	20	LCN	2067 - WORK TABLE PLUGS	24 26			
	0000 FIDE 01 IDDD 0010:: 5: 10	1.00	22					600	0.000	4.000	1	20	LCN	2071 - UC REFRIGERATORS	28			
	2030 - FIRE SUPPRESSION SYSTEM 2060 - HOOD CONTROL PANEL	LCK LCK	20	1	1,000	600			2,000	1,080	1	20	LCN	2067, 2070, 2078 - WORK TABLE PLUGS	30 32			
_	2047 - TILT KETTLE	LCK	20	1	.,000	300	200	600			2	20	LCN	2070 - WORK TABLE PLUGS	34			
_	[SHUNT FOR CKT 33] 2047 - TILT KETTLE	LCK	20	1	200	600			0	1,700	1	20	LCN	2074, 2077 - SLICER, 20QT MIXER	36 38			
	[SHUNT FOR CKT 37]	LUK		1	200	000		600			2	20	LCN	2078 - WORK TABLE PLUGS	40			
_		1.014	00		4.400	0.400			1,133	2,100	2	20	LCK	2110 - SOILED DISH CONVEYOR	42			
_	2020 - ICE MACHINE	LCK	20	3	1,133	2,100	1,133	600			1	20	LCN	2066 - UC FREEZERS	44 46			
	2084 - HOT HOLDING CABINET	LCN	20	1			1,100	000	1,900		' '		LOIV	2000 - GOTTRELZENG	48			
	2084 - HOT HOLDING CABINET	LCN	20		1,900		4.000								50			
	2084 - HOT HOLDING CABINET 2084 - HOT HOLDING CABINET	LCN LCN	20	1			1,900		1,900						52 54			
	2052 - PREP TABLE PLUGS	LCN	20	2	600				1,000						56			
	2052 - PREP TABLE PLUGS	LCN	20	1			600		360	450					58 60			
					600	450			300	450	2	20	LCK	2035 - COMBI OVEN, STACKED	62			
	2088 - BAKER TABLE PLUGS	LCN	20	2			600				1			[SHUNT FOR 60,62.]	64			
	2088 - BAKER TABLE PLUGS SPARE	LCN 	20	1	0	450			180	450	2	20	LCK	2035 - COMBI OVEN, STACKED	66 68			
	SPARE		20	1		100	0				1			[SHUNT FOR 66,68.]	70			
	SPARE SPARE		20	1	0	450			0	450	2	20	LCK	2035 - COMBI OVEN, STACKED	72 74			
	SPARE		20	1	0	450	0				1			[SHUNT FOR 72,74.]	76			
	SPARE		20	1					0	450	2	20	LCK	2035 - COMBI OVEN, STACKED	78			
_	SPARE SPARE		20	1	0	450	0				1			[SHUNT FOR 78,80.]	80 82			
	SPARE		20	1			U		0		1			Space	84			
		ТО	TAL LO	AD (VA):	18,	547	13,	167	22,	,147								
		Т	OTAL L	DAD (A):	16	61	11	10	1	91								
_	N ACCIFICATION		2011	IEOTED		DEM	AND EAC	TOD	041.0		DEMAN	<u> </u>						
	CLASSIFICATION			NECTED 27,960 VA			AND FAC 100.00%		CALC	27,960	DEMAN	ט		PANEL TOTALS				
				25,900 VA			65.00%			16,835			С	ONNECTED: 53,860 VA				
				20,000 17	•		00.0070			10,000	***			D DEMAND: 44,795 VA				
														ONNECTED: 150 A				
										_		(CALCULATE	D DEMAND: 124 A				
_												$\overline{}$						
	<u> </u>					<u> </u>												

272,273 - FRIDGE, FREEZER		LOCATION: PAC SUPPLY FROM: NL2 MOUNTING: FLU ENCLOSURE: NEM	D13A SH	DER N20	03A	SI	P	VOLTS: HASES: WIRES: D LUGS:	3 4) Wye					ING: 225 A YPE: MCB		
3 2275 EMPAINST HOOD	СКТ		CLASS.	(A)	POLES			E	В	C	;	POLES			CIRC	UIT DESCRIPTION	СК
5 2291 - HOOD CONTROL PANEL	<u>1</u> 3				1	1,500	1,250	500	1 250			2	20	LCK	2347 - REFRIC	GERATED CASE	2 4
7	5				1			300	1,230	1,200	540	1	20	LCN	2361 - COUNT	ER PLUGS	6
2 231, 2291, 2	7	2281 - FIRE SUPPRESSION SYSTEM	LCK		1	1,200	600			,		2	20		2361 - COLINIT	ER PLUGS	8
3 2291 - COUNTER PLUGS	9				1			840	600		4.000						10
Second Counter Plugs	11 13				1	600	600				1,680	1	20	LCN	2371, 2372, 23	1/4 - COLD PAN	12 14
Total Comment Total Commen	15	2291 - COUNTER PLUGS	LCN	20	2	OUU	000	600	600			2	20	LCN	2374 - COUNT	ER PLUGS	10
1 232 - COMBI OVEN	17	[SHUNT FOR CKT 13,15]			1			000	000		1,400	1	20	LCN	2367 - REFRIC	SERATED CASE	18
3	19					1,967	800					1				,	
Second Process Seco	21	2292 - COMBI OVEN	LCK	20	3			1,967	1,240	4.007	4.400	1					2
7 9 295 - WORK TABLE PLUGS	23 25	ISHLINT FOR CVT 10 21 221			1		1 200			1,967	1,400	1					
9 295 - WORK PABLE PLUGS	27	•			'		1,200	600	180			1					2
Consider the consideration	29	2295 - WORK TABLE PLUGS	LCN	20	2			000	100	600	180	1					3
S 201 - COUNTER PLUGS LCN 20 2	31	2298, 2301 - UC FRIDGE, COUNTER PLUGS	LCN	20	1	960	1,800					1	20	LCN			3
2300 - SUSHI DISPLAY CASE	33 35	2301 - COUNTER PLUGS	LCN	20	2			600	600	600	600	2	20	LCN	2315 - COUNT	ER PLUGS	34
9 2305 - REFRIGERATED DISPLAY CASE	37	2300 - SUSHI DISPLAY CASE	LCK	20	1	1 200	540			000	000	1	20	LCN	2315 - COUNT	FR PLUGS	3
1 2306 - REFRIGERATED CASE LCN 20 1 1,260 - 1 - - Space 4 3 2307, 2311 - HEATED SHELF, RICE LCN, LCK 20 1 1,260 - 1 - - Space 4 7 2314 - DROP IN HOT WELL LCK 20 1 1,400 - 1 - - Space 4 9 SPARE - 20 1 0 - 1 - - Space 5 13 SPARE - 20 1 0 - 1 - - Space 5 13 SPARE - 20 1 0 - 1 - - Space 5 13 SPARE - 20 1 0 - 1 - - Space 5 15 SPARE - 20 1 0 - 1 - - Space 5 15 SPARE - 20 1 0 - 1 - - Space 5 15 SPARE - 20 1 0 - 1 - - Space 5 16 SPARE - 20 1 0 - 1 - - Space 5 17 SPARE - 20 1 0 - 1 - - Space 5 18 SPARE - 20 1 0 - 1 - - Space 5 19 SPARE - 20 1 0 - 1 - - Space 5 10 SPARE - 20 1 0 - 1 - - Space 5 10 SPARE - 20 1 0 - 1 - - Space 5 10 SPARE - 20 1 0 - 1 - - Space 5 10 SPARE - 20 1 0 - 1 - - Space 5 10 SPARE - 20 1 0 - 1 - - Space 5 11 SPARE - 20 1 0 - 1 - - Space 5 12 SPARE - 20 1 0 - 1 - - Space 5 13 SPARE - 20 1 0 - 1 - - Space 5 14 SPARE - 20 1 0 - 1 - - Space 5 15 SPARE - 20 1 0 - 1 - - Space 5 15 SPARE - 20 1 0 - 1 - - Space 5 15 SPARE - 20 1 0 - 1 - - Space 5 15 SPARE - 20 1 0 - 1 - - Space 5 15 SPARE - 20 1 0 - 1 - - Space 5 16 SPARE - 20 1 0 - 1 - - Space 5 17 SPARE - 20 1 0 - 1 - - Space 5 18 SPARE - 20 1 0 - 1 - - Space 5 19 SPARE - 20 1 0 - 1 - - Space 5 10 SP	39				1	.,	3.0	1,200				1			_		4
SPARE 20 1 0 1 Space 20 1 0 1 Space 20 1 0 1 Space 20 1 0 1 Space	41	2306 - REFRIGERATED CASE	LCN							1,400		1			Space		4
77 2314 - DROP IN HOT WELL LCK 20 1 0 0 1,700 - 1 - - Space 44 9 SPARE 20 1 0 1 - - Space 55 11 SPARE 20 1 0 1 - - Space 55 13 SPARE 20 1 0 1 - - Space 55 15 SPARE 20 1 0 1 - - Space 55 16 SPARE 20 1 0 1 Space 55 17 SPARE 20 1 0 1 Space 55 19 SPARE 20 1 0 1 Space 55 19 SPARE 20 1 0 1 Space 55 19 SPARE 20 1 1 1 1 1 1 1 TOTAL LOAD (VA):					1	1,260		4.400				1 1					4
9 SPARE 20 1 0 1 1 Space 5 3 SPARE 20 1 0 1 1 Space 5 3 SPARE 20 1 0 1 1 Space 5 5 SPARE 20 1 0 1 1 Space 5 7 SPARE 20 1 0 1 1 Space 5 9 SPARE 20 1 0 1 1 Space 5 9 SPARE 20 1 0 1 1 Space 5 9 SPARE 20 1 0 1 1 Space 5 9 SPARE 20 1 1 0 1 1 Space 5 9 SPARE 20 1 1 1 Space 5 9 SPARE 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1			1,400		1 700		1					4
SPARE					1	0				1,700		1					50
3 SPARE					1			0				1					5
SPARE	53	SPARE		20	1					0		1		-	Space		5
SPARE	55				1	0		_				1					5
TOTAL LOAD (VA): 15,477 12,177 13,267					1			U		0		1 1					5 6
TOTAL LOAD (A): 130 101 112	บฮ	OFAILE			7D (//V)-	15	477	12	177			I			Space		
AD CLASSIFICATION N 22,020 VA 100.00% 22,020 VA 18,900 VA 65.00% 12,285 VA CALCULATED DEMAND PANEL TOTALS CONNECTED: 40,920 VA CALCULATED DEMAND: 34,305 VA CONNECTED: 114 A										· ·							
	245	NI ACCIEICATION			, ,			AND =	250		===	DE					
18,900 VA 65.00% 12,285 VA CONNECTED: 40,920 VA CALCULATED DEMAND: 34,305 VA CONNECTED: 114 A		LASSIFICATION								CALC			ט		PANE	L TOTALS	
CALCULATED DEMAND: 34,305 VA CONNECTED: 114 A	CN CK														ONNECTED:	40 020 \/^	
CONNECTED: 114 A	∍r∖				10,900 V <i>F</i>	١		05.00%			12,283	٧A				· ·	
																-	
CALCULATED DEMIAND. 35 A																	
													(

CKT CIRCUIT DESCRIPTION CLASS. TRIP (A) POLES (VA) (VA) POLES TRIP (LOAD CLASS. CIRCUIT DESCRIPTION	LOCATION: ELECTRICAL/FIRE S101K SUPPLY FROM: NL1T11A MOUNTING: SURFACE ENCLOSURE: NEMA-1						VOLTS: 208/ PHASES: 3 WIRES: 4 ED LUGS: No	120 Wye			Â				
Number N		CIRCUIT DESCRIPTION			POLES	(VA)				POLES			CIRC	UIT DESCRIPTION	СК
Second Print		NL1B11A	Spare; PNON;	225	3	19,769	15.749								2
9 N.1821A POON; PEC 25 3 13,158 12,358			LIG; PMTR;					16,315							6
Second Price Process		NI 4D24A	PNON; LTG:	005	2	12,810	12 150								8
13		NLTBZTA		225	3		13,158	12 358							10
15 N. 1831 A			DNON, DATE			3,972		12,000							14
19		NL1B31A		225	3	,	3,012								10
NL1841A			TILO			0.490		2,795							18
10,350 10,350 27 29 29 29 20 20 20 20 20		NI 1B41A		100	3	9,400	10 610								20
27		112177	LCK	100			10,010	10,350							24
29															20
31 33 35 35 35 36 37 39 39 30 30 385 355 348 385 355 348 385 355 348 385 355 348 385 355 348 385 355 348 385 355 348 385 363 385 363 386															30
33															32
37 39 41 46,032 42,529 41,819	33														34
TOTAL LOAD (VA): 46,032 42,529 41,819															36
TOTAL LOAD (VA): 46,032 42,529 41,819															38 40
TOTAL LOAD (A): 385 355 348															42
CONNECTED LOAD DEMAND FACTOR CALCULATED DEMAND PANEL TOTALS			тот	AL LO	AD (VA):	46,032	42,529	41,8	319						I
TG			TO	TAL LO	DAD (A):	385	355	34	8						
2,610 VA		CLASSIFICATION						CALC)		PANE	L TOTALS	
PMTR 4,360 VA 113.65% 4,955 VA CALCULATED DEMAND: 105,142 VA PCON 1,700 VA 125.00% 2,125 VA CONNECTED: 362 A EVCH 6,700 VA 125.00% 8,375 VA CALCULATED DEMAND: 292 A CON 6,740 VA 100.00% 6,740 VA PREC 50,580 VA 59.89% 30,290 VA															
PCON 1,700 VA 125.00% 2,125 VA CONNECTED: 362 A EVCH 6,700 VA 125.00% 8,375 VA CALCULATED DEMAND: 292 A CON 6,740 VA 100.00% 6,740 VA PREC 50,580 VA 59.89% 30,290 VA														<u>'</u>	
EVCH 6,700 VA 125.00% 8,375 VA CALCULATED DEMAND: 292 A CN 6,740 VA 100.00% 6,740 VA PREC 50,580 VA 59.89% 30,290 VA									·					· ·	
CN 6,740 VA 100.00% 6,740 VA PREC 50,580 VA 59.89% 30,290 VA		·					· ·								
PREC 50,580 VA 59.89% 30,290 VA												CALCULATED DE	.VIPANU.	LJL M	
											-				
NOTES:															

LOCATION: THE GRILL BOH N106A SUPPLY FROM: NL2D13A MOUNTING: FLUSH ENCLOSURE: NEMA-1					SI	P	VOLTS: HASES: WIRES:) LUGS:	3 4	Wye			A.I.C. RATING: 22kA BUS RATING: 225 A MAINS TYPE: MCB MCB RATING: 225					
СКТ	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES		A		3		.	POLES	TRIP (A)	LOAD CLASS.	CIRCU	UIT DESCRIPTION	СК	
1	1141 - RECEP BEVERAGE CNTR	LCN	20	1	360	900					1	20	LCN	1105 - FREEZE		2	
3	1141 - RECEP BEVERAGE CNTR	LCN	20	2			600	2,100			1	20	LCN	1116 - HOLDIN		4	
5									600	800	1	20	LCK	1119 - HEAT L		6	
7	1128 - SODA DISPENSER	LCN	20	1	500	800	4.450	400			1	20	LCK	1119 - HEAT L		8	
9	1131 - ICE MACHINE, NUGGET	LCN	20	2			1,150	180	4.450	100	1	20	PREC	1122 - POS DE		10	
11 13					600	1,450			1,150	180	1	20	PREC	1122 - POS DE	DICATED	12 14	
15	1114 - HOT WELL DROP IN	LCK	20	2	000	1,430	600	1,450			2	20	LCN	1108 - HOT FC	OOD HOLDING	16	
17	1101 - HOOD CONTROL PANEL	LCK	20	1			300	1,700	1,200	600	-			1101		18	
19					1,200	600			.,200	555	2	20	LCN	1121 - SERVIN	IG COUNTER	20	
21	1088 - REFRIGERATED DISPLAY CASE	LCN	20	2			1,200	600			2	20	LCK	1110 DELUDA	ACTOV CACE	22	
23	1093 - BBQ SMOKER	LCK	20	2					1,850	600	2	20				24	
25		LON	20		1,850	360					1	20	LCN	1127 - RECEP	EXPO COUNTER	26	
27	[SHUNT FOR CKT 23,25.]			1				600	4 500	000	2	20	LCN	1127 - RECEP	EXPO COUNTER	28	
29	1094, 1096, 1098 - EX HOOD AUX	LCK	20	1		200			1,500	600						30	
31 33	[SHUNT FOR CKT 29.] 1112 - HEATER W/LIGHTS	LCK	20	1		360	1,100	600			1	20	LCN	· '	ECEP EXPO SERVERY	32	
35 35	1112 - HEATER W/LIGHTS	LCK	20	1			1,100	000	1,100	600	2	20	LCN	1111 - RECEP	EXPO SERVERY	36	
37	1112 - HEATER W/LIGHTS	LCK	20	1	1,100	1,800			1,100	000	1	20	LCN	1136 - U/C RFI	MOTE CHILLER	38	
39	1113 - REFRIGERATED PREP TABLE	LCN	20	1	.,100	1,000	600	2,100			1	20	LCK	1123 - HOLDIN		40	
41	1115 - REFRIGERATED PREP TABLE	LCN	20	1				, , , , ,	600	360	1	20	LCN	1121 - SERVIN		42	
43	1129 - POS PRINTER	LCN	20	1	1,200	600					1	20	LCN		SERATED PREP TABLE	44	
45	1132 - CARBONATOR	LCN	20	1			500	1,200			1	20	LCK		CONTROL PANEL	46	
47	4000 PLACT 0: ": - ==		25		4.000				1,600		1		-	Space		48	
49	1066 - BLAST CHILLER	LCK	20	3	1,600		4.000				1		-	Space		50	
51 53	SPARE		20	1			1,600		0		1		-	Space		52 54	
53 55	SPARE		20	1	0				U		1			Space Space		54	
57	SPARE		20	1	U		0				1			Space		58	
59	SPARE		20	1					0		1			Space		60	
	j 			AD (VA):	15	280	16,	180	13,		<u> </u>			1-1			
				DAD (A):		30	13		10,		1						
			J . AL L	· (~).	'		10	- 1									
OAD (CLASSIFICATION		CONIN	NECTED	LOAD	DEM	AND FAC	CTOP	CALC		DEMANI	<u> </u>					
.CN				22,640 V			100.00%		22,640 VA				PANEL TOTALS				
PREC			-	360 VA	`	-	100.00%		22,640 VA 360 VA				<u></u>	ONNECTED:			
.CK			-		^		65.00%							D DEMAND:	,		
.UN			4	21,800 V	٦	-	05.00%			14,170	٧٨				•		
														ONNECTED:			
													JALCULATE	D DEMAND:	103 A		





Gensler

811 SW 6TH AVE
SUITE 300
PORTLAND, OR 97204



TEL 971.277.2370





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

A 07/11/2024 PLAN CHECK RESPONSE 1

1 10/11/2024 ISSSUE FOR CONSTRUCTION

Seal / Signature

Project Name

MICRON BUILDING B42

Project Number

22-1717

SCHEDULES - ELECTRICAL

Scale
NOT TO SCALE

E8.007

City of Boise Stamps

NL2B13A	NL1D11A	NL1B23A
NL2B33A	-	NL1B24B
-	-	-