

10/10/2024 11:54:20 AM Autodesk Docs Micron-HQ Campus 2022PAE-SIG-E-MAIN-00000-01

PANELBOARD: NL4B21A														
LOCATION: ELECTRICAL/FIRE S401C					VOLTS: 208/120 Wye					A.I.C. RATING: 22KA				
SUPPLY FROM: NL4D11A					PHASES: 3					BUS RATING: 225 A				
MOUNTING: SURFACE					WIRES: 4					MAINS TYPE: MLO				
ENCLOSURE: NEMA-1					SUB FEED LUGS: No					MCB RATING: N/A				
CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT		
1	REC - OPEN OFFICE	PREC	20	1	1,080	720		1	20	PREC	REC - OPEN OFFICE	2		
3	REC - OPEN OFFICE	PREC	20	1		1,080	720	1	20	PREC	REC - OPEN OFFICE	4		
5	REC - OPEN OFFICE	PREC	20	1			720	720	1	20	PREC	REC - OPEN OFFICE	6	
7	REC - OPEN OFFICE	PREC	20	1	1,080	720		1	20	PREC	REC - OPEN OFFICE	8		
9	REC - OPEN OFFICE	PREC	20	1		1,080	1,080		1	20	PREC	REC - TEAM S408A	10	
11	REC - OPEN OFFICE	PREC	20	1			1,080	1,620	1	20	PREC	REC - FOCUS S408/OFF S408C	12	
13	REC - OPEN OFFICE	PREC	20	1	1,080	360		1	20	PREC	REC - FOCUS S408B	14		
15	REC - OPEN OFFICE	PREC	20	1		720	1,080		1	20	PREC	REC - CORRIDOR/COLLAB S408G	16	
17	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1	20	PREC	REC - OPEN OFFICE	18	
19	REC - OPEN OFFICE	PREC	20	1	1,080	1,080			1	20	PREC	REC - OPEN OFFICE	20	
21	REC - OPEN OFFICE	PREC	20	1			1,080	720		1	20	PREC	REC - OPEN OFFICE	22
23	REC - OPEN OFFICE	PREC	20	1				1,080	1,080	1	20	PREC	REC - OPEN OFFICE	24
25	REC - OPEN OFFICE	PREC	20	1	720	1,080			1	20	PREC	REC - OPEN OFFICE	26	
27	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1	20	PREC	REC - OPEN OFFICE	28	
29	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1	20	PREC	REC - OPEN OFFICE	30	
31	REC - OPEN OFFICE	PREC	20	1	1,080	720			1	20	PREC	REFRIGERATOR - PANTRY S40T4	32	
33	REC - OPEN OFFICE	PREC	20	1		1,080	1,080		1	20	PREC	REFRIGERATOR - PANTRY S40T4	34	
35	REC - OPEN OFFICE	PREC	20	1			720	1,080	1	20	PREC	REC - OPEN OFFICE	36	
37	REC - CORRIDOR	PREC	20	1		1,080	1,080		1	20	PREC	REC - OPEN OFFICE	38	
39	REC - OFF S40D	PREC	20	1		1,260	1,080		1	20	PREC	REC - OPEN OFFICE	40	
41	REC - FOCUS S40E	PREC	20	1			360	720	1	20	PREC	REC - OPEN OFFICE	42	
43	REC - TEAM S40C/COLLAB S40H	PREC	20	1	720	720			1	20	PREC	REC - OPEN OFFICE	44	
45	REC - OFF S40A	PREC	20	1		1,260	720		1	20	PREC	REC - OPEN OFFICE	46	
47	REC - FOCUS S40B	PREC	20	1			360	0	1	20	PREC	REC - OPEN OFFICE	48	
49	REC - COLLAB S40T0	PREC	20	1	900	0			1	20	--	SPARE	50	
51	REC - COLLAB S40T1	PREC	20	1		900	0		1	20	--	SPARE	52	
53	REC - COLLAB S40T2	PREC	20	1			1,080	0	1	20	--	SPARE	54	
55	REC - COLLAB S40T3	PREC	20	1	1,080	0			1	20	--	SPARE	56	
57	REC - TEAM S40C	PREC	20	1		1,080	0		1	20	--	SPARE	58	
59	REC - COPY PANTRY S40T4	PREC	20	1			360	0	1	20	--	SPARE	60	
61	COFFEE - COPY PANTRY S40T4	PREC	20	1	900	0			1	20	--	SPARE	62	
63	COFFEE - COPY PANTRY S40T4	PREC	20	3			500	0	1	20	--	SPARE	64	
65	COFFEE - COPY PANTRY S40T4	PREC	20	1	500	0			1	20	--	SPARE	66	
67	REFRIGERATOR - COPY PANTRY S40T4	PREC	20	1		180	0		1	20	--	SPARE	68	
69	ICE - COPY PANTRY S40T4	PREC	20	1			500	0	1	20	--	SPARE	70	
73	WATER - COPY PANTRY S40T4	PREC	20	1	500	0			1	20	--	SPARE	74	
75	REC - COPY PANTRY S40T4	PREC	20	1			360	0	1	20	--	SPARE	76	
77	REC - COPY PANTRY S40T4	PREC	20	1				360	0	1	20	--	SPARE	78
79	ESPRESSO - COPY PANTRY S40T4	PREC	20	1	1,500	0			1	20	--	SPARE	80	
81	REC - CORRIDOR	PREC	20	1		720	0		1	20	--	SPARE	82	
83	SPARE	--	20	1					1	20	--	SPARE	84	
TOTAL LOAD (VA):					19,380	19,940	16,600							
TOTAL LOAD (A):					95	100	83							
LOAD CLASSIFICATION					CONNECTED LOAD					DEMAND FACTOR				
PREC					4,000 VA					100.00%				
					51,980 VA					59.62%				
										CALCULATED DEMAND				
										4,000 VA				
										PANEL TOTALS				
										CONNECTED: 55,880 VA				
										CALCULATED DEMAND: 34,990 VA				
										CONNECTED: 165 A				
										CALCULATED DEMAND: 97 A				
NOTES:														

PANELBOARD: NL4B34B															
LOCATION: ELECTRICAL/FIRE N401C					VOLTS: 208/120 Wye					A.I.C. RATING: 22KA					
SUPPLY FROM: NL4D14B					PHASES: 3					BUS RATING: 225 A					
MOUNTING: SURFACE					WIRES: 4					MAINS TYPE: M.L.O					
ENCLOSURE: NEMA-1					SUB FEED LUGS: No					MCB RATING: N/A					
CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT			
3	COFFEE - COPY PANTRY N405B	PREC	20	3	500	1,200	500	0	20	1	20	PREC	REFRIGERATOR - COPY PANTRY N405B	4	
5														6	
7	COFFEE - COPY PANTRY N405B	PREC	20	1	900	0	500	0	1	20	--	SPARE		8	
9	LEVEL 4 SECTOR B - 120V LIGHTING	LTG	20	1		256	0		1	20	--	SPARE		10	
11	REC - COPY PANTRY N405B	PREC	20	1			360	0	1	20	--	SPARE		12	
13	ESPRESSO - COPY PANTRY N405B	PREC	20	1	1,500	0			1	20	--	SPARE		14	
15	REC - COPY PANTRY N405B	PREC	20	1		360	0		1	20	--	SPARE		16	
17	REC - FOCUS N405E	PREC	20	1			360	0	1	20	--	SPARE		18	
19	REC - COLLAB N405A	PREC	20	1	900	0			1	20	--	SPARE		20	
21	REC - COLLAB N405A	PREC	20	1		1,260	0		1	20	--	SPARE		22	
23	REC - COLLAB N405A	PREC	20	1			900	0	1	20	--	SPARE		24	
25	REC - COPY PANTRY N405B	PREC	20	1	360	0			1	20	--	SPARE		26	
27	WATER - COPY PANTRY N405B	PREC	20	1		500	0	1	20	--	SPARE		28		
29	ICE - COPY PANTRY N405B	PREC	20	1			500	0	1	20	--	SPARE		30	
31	REC - OPEN OFFICE	PREC	20	1	720	0			1	20	--	SPARE		32	
33	REC - OPEN OFFICE	PREC	20	1		720	0		1	20	--	SPARE		34	
35	REC - OPEN OFFICE	PREC	20	1			720	0	1	20	--	SPARE		36	
37	REC - OPEN OFFICE	PREC	20	1	720	0			1	20	--	SPARE		38	
39	REC - COLLAB N406K/COLLAB N406J	PREC	20	1		1,080	0		1	20	--	SPARE		40	
41	REC - FOCUS N405B	PREC	20	1			900	0	1	20	--	SPARE		42	
43	SPARE	--	20	1	0	0			1	20	--	SPARE		44	
45	SPARE	--	20	1			0	0	1	20	--	SPARE		46	
47	SPARE	--	20	1			0	0	1	20	--	SPARE		48	
49	SPARE	--	20	1	0	0			1	20	--	SPARE		50	
51	SPARE	--	20	1			0	0	1	20	--	SPARE		52	
53	SPARE	--	20	1			0	0	1	20	--	SPARE		54	
55	SPARE	--	20	1	0	0			1	20	--	SPARE		56	
57	SPARE	--	20	1			0	0	1	20	--	SPARE		58	
59	SPARE	--	20	1			0	0	1	20	--	SPARE		60	
61	SPARE	--	20	1	0	0			1	20	--	SPARE		62	
63	SPARE	--	20	1			0	0	1	20	--	SPARE		64	
65	SPARE	--	20	1			0	0	1	20	--	SPARE		66	
67	SPARE	--	20	1	0	0			1	20	--	SPARE		68	
69	SPARE	--	20	1		0	0		1	20	--	SPARE		70	
71	SPARE	--	20	1				0	1,500	1	20	PREC	LS-20 - DF LEVEL 4 NORTH	72	
73	SPARE	--	20	1				0	1,500	1	20	PREC	LS-20 - DF LEVEL 4 NORTH	74	
75	SPARE	--	20	1	0	1,500	0	1,500		1	20	PREC	LS-20 - DF LEVEL 4 NORTH	76	
77	SPARE	--	20	1				0	1,500	1	20	PREC	LS-20 - DF LEVEL 4 NORTH	78	
79	SPARE	--	20	1		0	720		1	20	PREC	REC - DF LEVEL 4 NORTH	80		
81	SPARE	--	20	1			0	720		1	20	PREC	REC - DF LEVEL 4 NORTH	82	
83	SPARE	--	20	1				0	720	1	20	PREC	REC - DF LEVEL 4 NORTH	84	
TOTAL LOAD (VA):					8,620	6,896	7,960								
TOTAL LOAD (A):					73	57	68								
LOAD CLASSIFICATION					CONNECTED LOAD			DEMAND FACTOR			CALCULATED DEMAND			PANEL TOTALS	
LTG					256 VA			125.00%			320 VA			CONNECTED: 23,476 VA	
PREC					11,200 VA			100.00%			11,200 VA			CALCULATED DEMAND: 22,530 VA	
					12,020 VA			91.60%			11,010 VA			CONNECTED: 65 A	
														CALCULATED DEMAND: 63 A	