

10/10/2024 11:24:05 AM Autodesk Docs Micron-HQ Campus 2022PAE-SIG-E-MAIN-00000-04

PANELBOARD: NL3B21A													
LOCATION: ELECTRICAL/FIRE S301C					VOLTS: 208/120 Wye					A.I.C. RATING: 22KA			
SUPPLY FROM: NL3D11A					PHASES: 3					BUS RATING: 225 A			
MOUNTING: SURFACE					WIRES: 4					MAINS TYPE: M.LO			
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 S40A	10	
11	REC - OPEN OFFICE	PREC	20	1			1,080	1,620	1	20	PREC	REC - FOCUS S40B/OFF S40B/C	12
13	REC - OPEN OFFICE	PREC	20	1	1,080	360		1	20	PREC	REC - FOCUS S40B	14	
15	REC - OPEN OFFICE	PREC	20	1		720	1,080	1,080	1	20	PREC	REC - CORRIDOR/COLLAB S40B/C	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	REC - OPEN OFFICE	32	
33	REC - OPEN OFFICE	PREC	20	1	1,080	1,080		1	20	PREC	REC - OPEN OFFICE	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 S30A	PREC	20	1			360	720	1	20	PREC	REC - OPEN OFFICE	42
43	REC - TEAM S30B/C/COLLAB S40B/H	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 S30B	PREC	20	1			360		1	20	PREC	REC - OPEN OFFICE	48
49	REC - COLLAB S40D	PREC	20	1	1,080				1	20	PREC	REC - OPEN OFFICE	50
51	REC - COLLAB S40C	PREC	20	1		1,080			1	20	PREC	REC - OPEN OFFICE	52
53	REC - COLLAB S40C	PREC	20	1			1,260		1	20	PREC	REC - OPEN OFFICE	54
55	REC - COLLAB S40C	PREC	20	1	1,080				1	20	PREC	REC - OPEN OFFICE	56
57	REC - TEAM S30B/C	PREC	20	1		1,080			1	20	PREC	REC - OPEN OFFICE	58
59	REC - COPY PANTRY S307A	PREC	20	1			360		1	20	PREC	REC - OPEN OFFICE	60
61	COPIER - COPY PANTRY S307A	PREC	20	1	180				1	20	PREC	REC - OPEN OFFICE	62
63	COPIER - COPY PANTRY S307A	PREC	20	3		500		500					64
65	COPIER - COPY PANTRY S307A	PREC	20	1				500					66
67	COPIER - COPY PANTRY S307A	PREC	20	1					500				68
69	REFRIGERATOR - COPY PANTRY S307A	PREC	20	1		180							70
71	ICE - COPY PANTRY S307A	PREC	20	1			500						72
73	WATER - COPY PANTRY S307A	PREC	20	1			500						74
75	REC - COPY PANTRY S307A	PREC	20	1			360						76
77	REC - COPY PANTRY S307A	PREC	20	1			360						78
79	ESPRESSO - COPY PANTRY S307A	PREC	20	1	1,500								80
81	REC - CORRIDOR	PREC	20	1		720							82
83													84
TOTAL LOAD (VA):					19,240	20,120	16,840						
TOTAL LOAD (A):					163	171	140						
LOAD CLASSIFICATION													
PREC					CONNECTED LOAD		52,200 VA	DEMAND FACTOR		59.58%	CALCULATED DEMAND		31,100 VA
											PANEL TOTALS		
											CONNECTED: 56,200 VA		
											CALCULATED DEMAND: 35,100 VA		
											CONNECTED: 166 A		
											CALCULATED DEMAND: 97 A		
NOTES:													

PANELBOARD: NL3B34B													
LOCATION: ELECTRICAL/FIRE N301C					VOLTS: 208/120 Wye					A.I.C. RATING: 22KA			
SUPPLY FROM: NL3D14B					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	LS-20 - DF LEVEL 3 NORTH	PNON	20	1	1,500	1,500					REC - TEAM N30B	2	
3	LS-20 - DF LEVEL 3 NORTH	PNON	20	1			1,500				REC - WOMENS S300K	4	
5	LS-20 - DF LEVEL 3 NORTH	PNON	20	1				1,500			REC - HAND DRYER - WOMENS S300K	6	
7	LS-20 - DF LEVEL 3 NORTH	PNON	20	1	1,500						REC - HAND DRYER - WOMENS S300K	8	
9	REC - DF LEVEL 3 NORTH	PREC	20	1		720					REC - JAN N307A	10	
11	REC - DF LEVEL 3 NORTH	PREC	20	1			720				REC - ALL GEN S300K	12	
13	REC - DF LEVEL 3 NORTH	PREC	20	1	720						REC - HAND DRYER - ALL GEN S300K	14	
15	LEVEL 4 120V LIGHTING	LTG	20	1		81					REC - CORRIDOR	16	
17	REC - OPEN OFFICE	PREC	20	1			720				REC - CORRIDOR	18	
19	REC - OPEN OFFICE	PREC	20	1	720						REC - CORRIDOR	20	
21	REC - OPEN OFFICE	PREC	20	1		1,260					REC - RESPIRE S300T	22	
23	REC - OPEN OFFICE	PREC	20	1			720				REC - COLLAB S30A	24	
25	REC - OPEN OFFICE	PREC	20	1	720						REC - COLLAB S30A	26	
27	ICE - COPY PANTRY N305B	PNON	20	1		500					REC - COLLAB S30B	28	
29	WATER - COPY PANTRY N305B	PNON	20	1			500				REC - COLLAB S30B	30	
31	REC - N305B	PREC	20	1	720						REC - COLLAB S30B	32	
33	ESPRESSO - COPY PANTRY N305B	PNON	20	1	1,500						REC - COLLAB S30B	34	
35		PREC	20	1			800				REC - COPY PANTRY N305B	36	
37	COFFEE - COPY PANTRY N305B	PNON	30	3	800						REC - COPY PANTRY N305B	38	
40						800						40	
41	REC - COPY PANTRY N305B	PREC	20	1			180				REC - COPY PANTRY N305B	42	
43	COPPER - COPY PANTRY N305B	PREC	20	1	500						REC - COPY PANTRY N305B	44	
45	REC - COPY PANTRY N305B	PREC	20	1		360					REC - COPY PANTRY N305B	46	
47	REC - MD COLLAB	PREC	20	1			1,260				REC - MD COLLAB	48	
49	REC - MD COLLAB	PREC	20	1	900						REC - MD COLLAB	50	
51	REC - FOCUS	PREC	20	1		360					REC - FOCUS	52	
53	REC - XS COLLAB	PREC	20	1			1,080				REC - FOCUS	54	
55	REC - FOCUS	PREC	20	1	360						REC - FOCUS	56	
57	REC - FOCUS	PREC	20	1		360					REC - FOCUS	58	
59												60	
61												62	
63												64	
65												66	
67												68	
69												70	
71												72	
73												74	
75												76	
77												78	
79												80	
81												82	
83												84	
TOTAL LOAD (VA):					8,440	7,441	7,480						
TOTAL LOAD (A):					70	62	62						
LOAD CLASSIFICATION													
LTG		CONNECTED LOAD		81 VA		DEMAND FACTOR		125.00%		CALCULATED DEMAND		101 VA	
PNON				10,900 VA						10,900 VA		CONNECTED: 23,361 VA	
PREC				12,380 VA		90.39%				11,190 VA		CALCULATED DEMAND: 22,191 VA	
CONNECTED: 60 A													
CALCULATED DEMAND: 62 A													