

10/10/2024 10:16:34 AM Autodesk Docs: Micron-HQ Campus 2022PAE-SHC-E-MAN-00001.ctb

PANELBOARD: SH2B22B												
LOCATION: ELECTRICAL/FIRE N201C					VOLTS: 480/277 Wye					A.I.C. RATING: 22KA		
SUPPLY FROM: SH1D12B					PHASES: 3					BUS RATING: 400 A		
MOUNTING: SURFACE					WIRES: 4					MAINS TYPE: MLO		
ENCLOSURE: NEMA-1					SUB FEED LUGS: Yes					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					6,374	443						2
3	AHU-01-01	PMTR	40	3		6,374	443					4
5												6
7					10,808							8
9	1143 - REMOTE REFRIGERATION RACK	PMTR	50	3		10,808						10
11							10,808					12
13												14
15												16
17												18
19												20
21												22
23												24
25												26
27												28
29												30
31												32
33												34
35												36
37					5,882							38
39						7,712						40
41							9,819		3	50	PMTR; PREC	SL2722B
TOTAL LOAD (VA):					69,853	71,721						
TOTAL LOAD (A):					252	260						
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		CALCULATED DEMAND		PANEL TOTALS				
PMTR		14,000 VA		100.00%		14,000 VA		CONNECTED: 219,215 VA				
PREC		203,415 VA		104.09%		211,740 VA		CALCULATED DEMAND: 227,640 VA				
		1,800 VA		100.00%		1,800 VA		CONNECTED: 254 A				
								CALCULATED DEMAND: 274 A				
NOTES:												

PANELBOARD: SH5B12B													
LOCATION: ELECTRICAL/FIRE S501C					VOLTS: 480/277 Wye					A.I.C. RATING: 35KA			
SUPPLY FROM: SH2B12B					PHASES: 3					BUS RATING: 400 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												2	
3												4	
5												6	
7												8	
9												10	
11												12	
13												14	
15												16	
17												18	
19												20	
21												22	
23												24	
25												26	
27												28	
29												30	
31												32	
33												34	
35												36	
37					50,648	1,945						38	
39	SHPB12B	PMTR	250	3		50,148	2,188					40	
41							50,110	1,888	3	50	PMTR; PREC	SL5112B	42
TOTAL LOAD (VA):					52,593		52,335						
TOTAL LOAD (A):					190		189						
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR		CALCULATED DEMAND		PANEL TOTALS					
PMTR		11,000 VA		100.00%		11,000 VA		CONNECTED: 156,726 VA					
PREC		145,006 VA		120.64%		174,936 VA		CALCULATED DEMAND: 186,656 VA					
		720 VA		100.00%		720 VA		CONNECTED: 189 A					
								CALCULATED DEMAND: 225 A					
NOTES:													

PANELBOARD: SLPB22B												
LOCATION: ELECTRICAL N801D					VOLTS: 208/120 Wye					A.I.C. RATING: 10KA		
SUPPLY FROM: SLP722B					PHASES: 3					BUS RATING: 100 A		
MOUNTING: SURFACE					WIRES: 4					MAINS TYPE: MCB		
ENCLOSURE: NEMA-1					SUB FEED LUGS: No					MCB RATING: 100		
CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	POLES	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT
1	ELEVATOR GROUP CONTROLLER	PMON	20	3	167	38			2	20	PMTR	FOUR-01
3						167	38					2
5							167					4
7	ELEV SECURITY SYSTEM	PMON	20	1	0							6
9	ELEVATOR HEATING/COOLING CIRCUIT	PMON	20	1		500						8
11	ELEVATOR HEATING/COOLING CIRCUIT	PMON	20	1			500					10
13	ELEVATOR HEATING/COOLING CIRCUIT	PMON	20	1	500							12
15	ELEVATOR HEATING/COOLING CIRCUIT	PMON	20	1		500						14
17	ELEV MANAGEMENT SYSTEM	PMON	20	1			500					16
19	ELEV MONITORING SYSTEM	PMON	20	1	500							18
21	ELEV SECURITY SYSTEM	PMON	20	1		500						20
23	ELEVATOR HEATING/COOLING CIRCUIT	PMON	20	1			500					22
25	ELEV MANAGEMENT SYSTEM	PMON	20	1	500							24
27	ELEV MONITORING SYSTEM	PMON	20	1		500						26
29	DDC CONTROLS (TOP) - PENTHOUSE	PMON	20	1			500					28
31	DDC CONTROLS (TOP) - PENTHOUSE	PMON	20	1	500							30
33												32
35												34
37												36
39												38
41												40
												42
TOTAL LOAD (VA):					2,204	2,204	2,167					
TOTAL LOAD (A):					18	18	18					
LOAD CLASSIFICATION					CONNECTED LOAD	DEMAND FACTOR	CALCULATED DEMAND	PANEL TOTALS				
PMON					6,500 VA	100.00%	6,500 VA	CONNECTED: 6,575 VA				
PMTR					75 VA	125.00%	94 VA	CALCULATED DEMAND: 6,594 VA				
								CONNECTED: 18 A				
								CALCULATED DEMAND: 18 A				

PANELBOARD: SLPB12B												
LOCATION: ELECTRICAL S801D					VOLTS: 208/120 Wye					A.I.C. RATING: 10KA		
SUPPLY FROM: SLP7112B					PHASES: 3					BUS RATING: 100 A		
MOUNTING: SURFACE					WIRES: 4					MAINS TYPE: MCB		
ENCLOSURE: NEMA-1					SUB FEED LUGS: No					MCB RATING: 100		