

PANELBOARD: NL5B21A													
LOCATION: ELECTRICAL/FIRE S501C					VOLTS: 208/120 Wye					A.I.C. RATING: 22KA			
SUPPLY FROM: NL5D11A					PHASES: 3					BUS RATING: 225 A			
MOUNTING: SURFACE					WIRES: 4					MAINS TYPE: MLO			
ENCLOSURE: NEMA-1					SUB FEED LUGS: No					MCR 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 S508A	10
11	REC - OPEN OFFICE	PREC	20	1			1,080	1,620	1	20	PREC	REC - FOCUS S508B/OFF S508C	12
13	REC - OPEN OFFICE	PREC	20	1	1,080	360		1	20	PREC	REC - FOCUS S508B	14	
15	REC - OPEN OFFICE	PREC	20	1		720	1,080		1	20	PREC	REC - CORRIDOR/COLLAB S508G	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	720			1	20	PREC	REC - OPEN OFFICE	30
31	REC - OPEN OFFICE	PREC	20	1	1,080	1,080			1	20	PREC	REC - OPEN OFFICE	32
33	REC - OPEN OFFICE	PREC	20	1			720	1,080	1	20	PREC	REC - OPEN OFFICE	34
35	REC - CORRIDOR	PREC	20	1	1,080	1,080			1	20	PREC	REC - OPEN OFFICE	36
37	REC - OFF S508D	PREC	20	1		1,260	1,080		1	20	PREC	REC - OPEN OFFICE	38
39	REC - FOCUS S508E	PREC	20	1			360	720	1	20	PREC	REC - OPEN OFFICE	40
41	REC - TEAM S508C/COLLAB S508H	PREC	20	1	720	720			1	20	PREC	REC - OPEN OFFICE	42
43	REC - OFF S508A	PREC	20	1		1,260	720		1	20	PREC	REC - OPEN OFFICE	44
45	REC - FOCUS S508B	PREC	20	1			360		1	20	PREC	REC - OPEN OFFICE	46
47	REC - COLLAB S507D	PREC	20	1	1,080				1	20	--	SPARE	48
49	REC - COLLAB S507E	PREC	20	1		1,080	0		1	20	--	SPARE	50
51	REC - COLLAB S507F	PREC	20	1			1,080	0	1	20	--	SPARE	52
53	REC - COLLAB S507G	PREC	20	1	1,080	0			1	20	--	SPARE	54
55	COPIER - COPY PANTRY S507A	PREC	20	1		500	0		1	20	--	SPARE	56
57	REC - COPY PANTRY S507A	PREC	20	1			360	0	1	20	--	SPARE	58
59	COPIER - COPY PANTRY S507A	PREC	20	1	500	0			1	20	--	SPARE	60
61	REC - CORRIDOR	PREC	20	1		720	0		1	20	--	SPARE	62
63	REC - TEAM S508C	PREC	20	1			1,080	0	1	20	--	SPARE	64
65	ICE - COPY PANTRY S507A	PREC	20	1	500	0			1	20	--	SPARE	66
67	WATER - COPY PANTRY S507A	PREC	20	1		500	0		1	20	--	SPARE	68
69	REC - COPY PANTRY S507A	PREC	20	1			360	0	1	20	--	SPARE	70
71	DISPOSAL - COPY PANTRY S507A	PREC	20	1	0	0			1	20	--	SPARE	72
73	REC - COPY PANTRY S507A	PREC	20	1			360	0	1	20	--	SPARE	74
75	EXPRESSO - COPY PANTRY S507A	PREC	20	1			1,500	0	1	20	--	SPARE	76
77	REC - COPY PANTRY S507A	PREC	20	1	500	0			1	20	--	SPARE	78
79	COFFEE - COPY PANTRY S507A	PREC	20	1			500	0	1	20	--	SPARE	80
81									1	20	--	SPARE	82
83									1	20	--	SPARE	84
TOTAL LOAD (VA):					18,060	19,860	16,740						
TOTAL LOAD (A):					151	166	157						
LOAD CLASSIFICATION													
PREC					CONNECTED LOAD					PANEL TOTALS			
PREC					DEMAND FACTOR					CONNECTED: 56,660 VA			
PREC					CALCULATED DEMAND					CALCULATED DEMAND: 36,830 VA			
PREC					CALCULATED DEMAND: 99 A					CALCULATED DEMAND: 99 A			

NOTES:

PANELBOARD: NL5B34B															
LOCATION: ELECTRICAL/FIRE N501C					VOLTS: 208/120 Wye					A.I.C. RATING: 22KA					
SUPPLY FROM: NL5D14B					PHASES: 3					BUS RATING: 225 A					
MOUNTING: SURFACE					WIRES: 4					MOUNT TYPE: MLO					
ENCLOSURE: NEMA-1					SUB FEED LUGS: No					MCR 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	COPPER - COPY PANTRY N508B	PREC	20	1	500	800			20	PREC	REFRIGERATOR - COPY PANTRY N508B	2			
3	REC - COPY PANTRY N508B	PREC	20	1		360		1,500				4			
5	ESPRESSO - COPY PANTRY N508B	PREC	20	1								6			
7	REC - COPY PANTRY N508B	PREC	20	1	360							8			
9	REC - FOCUS N508E	PREC	20	1		360						10			
11	REC - COLLAB N508A	PREC	20	1			900					12			
13	REC - COLLAB N508A	PREC	20	1	1,080							14			
15	REC - COLLAB N508A	PREC	20	1		1,080						16			
17	REC - COPY PANTRY N508B	PREC	20	1			360					18			
19	WATER - COPY PANTRY N508B	PREC	20	1	500							20			
21	ICE - COPY PANTRY N508B	PREC	20	1		500						22			
23	COFFEE - COPY PANTRY N508B	PREC	20	1			1,500					24			
25	REC - OPEN OFFICE	PREC	20	1	720							26			
27	REC - OPEN OFFICE	PREC	20	1		720						28			
29	REC - OPEN OFFICE	PREC	20	1			720					30			
31	REC - OPEN OFFICE	PREC	20	1	720							32			
33	REC - COLLAB N508KCOLLAB N508J	PREC	20	1		1,080						34			
35	REC - FOCUS N508B	PREC	20	1			900					36			
37												38			
39												40			
41								0	1	20	--	SPARE	42		
43					0				1	20	--	SPARE	44		
45						0		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 - IDF LEVEL 5 NORTH	72	
73	SPARE	--	20	1	0	1,500			1,500	1	20	PREC	LS-20 - IDF LEVEL 5 NORTH	74	
75	SPARE	--	20	1			0	1,500	1,500	1	20	PREC	LS-20 - IDF LEVEL 5 NORTH	76	
77	SPARE	--	20	1				0	720	1	20	PREC	REC - IDF LEVEL 5 NORTH	78	
79	SPARE	--	20	1			0	720		1	20	PREC	REC - IDF LEVEL 5 NORTH	80	
81	SPARE	--	20	1				0	720	1	20	PREC	REC - IDF LEVEL 5 NORTH	82	
83	SPARE	--	20	1					0	720	1	20	PREC	REC - IDF LEVEL 5 NORTH	84
TOTAL LOAD (VA):					6,900	6,320	9,800								
TOTAL LOAD (A):					58	53	81								
LOAD CLASSIFICATION		CONNECTED LOAD			DEMAND FACTOR			CALCULATED DEMAND			PANEL TOTALS				
		16,800 VA			100.00%			10,800 VA			CONNECTED: 22,820 VA				
PREC		12,020 VA			91.60%			11,010 VA			CALCULATED DEMAND: 21,810 VA				
											CALCULATED DEMAND: 61 A				
NOTES:															

PANELBOARD: NL5B14B

LOCATION: ELECTRICAL/FIRE N501C

SUPPLY FROM: NL5D14B

MOUNTING: SURFACE

ENCLOSURE: NEMA-1

VOLTS: 208/120 Wye

PHASES: 3

WIRES: 4

SUB FEED LUGS: No

A.I.C. RATING: 22KA

BUS RATING: 225 A

MOUNT TYPE: MLO

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 - LIVING ROOM N502A	PREC	20	1	540	1,440			1	20	PREC	REC - OFF N507B/FOCUS N507A	2		
3	REC - LIVING ROOM N502A	PREC	20	1		540	1,080		1	20	PREC	REC - ACTIVITY N502B	4		
5	REC - LIVING ROOM N502A	PREC	20	1		1,080	1,080	720	20	20	PREC	REC - CORRIDOR	6		
7	REC - LIVING ROOM N502G	PREC	20	1					1	20	PREC	REC - OFF N508B	8		
9	REC - TEAM N502C	PREC	20	1		720	1,080		1	20	PREC	REC - OPEN OFFICE	10		
11	REC - TEAM N502C	PREC	20	1			720	1,080	1	20	PREC	REC - OPEN OFFICE	12		
13	REC - PANTRY N502D	PREC	20	1	720	1,080			1	20	PREC	REC - OPEN OFFICE	14		
15	COFFEE - PANTRY N502D	PNON	20	1		1,500	1,080			20	PREC	REC - OPEN OFFICE	16		
17	REC - PANTRY N502D	PREC	20	1				540	1,080	1	20	PREC	REC - OPEN OFFICE	18	
19	ESPRESSO - PANTRY N502D	PREC	20	1	1,500	1,080			1	20	PREC	REC - OPEN OFFICE	20		
21	WATER - PANTRY N502D	PNON	20	1			500	1,080	1	20	PREC	REC - OPEN OFFICE	22		
23	ICE - PANTRY N502D	PNON	20	1				500	1,080	1	20	PREC	REC - OPEN OFFICE	24	
25	REFRIGERATOR - PANTRY N502D	PREC	20	1	1,200	720			20	20	PREC	REC - OPEN OFFICE	26		
27	REFRIGERATOR - PANTRY N502D	PREC	20	1		1,200	1,080	1,200	1,080	20	20	PREC	REC - OPEN OFFICE	28	
29	REFRIGERATOR - PANTRY N502D	PNON	20	1						20	PREC	REC - OPEN OFFICE	30		
31	REC - PANTRY N502D	PREC	20	1		360	1,080			20	PREC	REC - OPEN OFFICE	32		
33	MICROWAVE - PANTRY N502D	PREC	20	1			1,500	1,080		20	PREC	REC - OPEN OFFICE	34		
35	REC - PANTRY N502D	PREC	20	1				360	720	20	20	PREC	REC - OPEN OFFICE	36	
37	MICROWAVE - PANTRY N502D	PNON	20	1	1,500	1,440				20	PREC	REC - POOL N501B/OFF N502D	38		
39	MICROWAVE - PANTRY N502D	PNON	20	1			1,500	900		1,500	180	20	PREC	REC - CORRIDOR	40
41	MICROWAVE - PANTRY N502D	PREC	20	1								20	PREC	REC - ELECTRICAL/FIRE	42
43	MICROWAVE - PANTRY N502D	PNON	20	1	1,500							20			44
45	REC - SEATING N502E N502F	PREC	20	1		360	337			1	20	LTG	LEVEL 5 SECTOR B - LIGHTING	46	
47	NEW - VENDING N502E	PREC	20	1				1,200	0	1	20	--	SPARE	48	
49	REC - PROJECT N502E	PREC	20	1	720	0							SPARE	50	
51	REC - PROJECT N502E/CORRIDOR	PREC	20	1			1,080	360			20	PREC	DIGITAL SIGNAGE - LIVING RM N502B	52	
53	REC - CORRIDOR	PREC	20	1				720	720	20	20	PREC	REC - TEAM N502C	54	
55	REC - OPEN OFFICE	PREC	20	1	1,080	500				20	PNON	DIGITAL SIGNAGE - CORRIDOR	56		
57	REC - OPEN OFFICE	PREC	20	1			1,080	720		20	PNON	REC - TEAM N502C	58		
59	REC - OPEN OFFICE	PREC	20	1				1,080	500	20	PNON	DIGITAL SIGNAGE - OPEN COLLAB N502G	60		
61	REC - OPEN OFFICE	PREC	20	1	1,080	0				20	--	SPARE	62		
63	REC - OPEN OFFICE	PREC	20	1			1,080	0		1	20	--	SPARE	64	
65	REC - OPEN OFFICE	PREC	20	1				1,080	0	1	20	--	SPARE	66	
67	REC - OPEN OFFICE	PREC	20	1	1,080	0				1	20	--	SPARE	68	
69	REC - OPEN OFFICE	PREC	20	1			1,080	0		1	20	--	SPARE	70	
71	REC - OPEN OFFICE	PREC	20	1				1,080	0	1	20	--	SPARE	72	
73	REC - OFF N502D	PREC	20	1	1,080	0				1	20	--	SPARE	74	
75	REC - OPEN OFFICE	PREC	20	1			1,080	0		1	20	--	SPARE	76	
77	REC - OPEN OFFICE	PREC	20	1				1,080	0	1	20	--	SPARE	78	
79	REC - OPEN OFFICE	PREC	20	1	1,080	0				1	20	--	SPARE	80	
81	REC - OPEN OFFICE	PREC	20	1			1,080	0		1	20	--	SPARE	82	
83	REC - OPEN OFFICE	PREC	20	1				720	0	1	20	--	SPARE	84	
TOTAL LOAD (VA):					22,940	23,097									
TOTAL LOAD (A):					195	197	164								

LOAD CLASSIFICATION

CONNECTED LOAD

337 VA

125.00%

CALCULATED DEMAND

421 VA

PANEL TOTALS

CONNECTED: 65,697 VA

CALCULATED DEMAND: 67,381 VA

CONNECTED: 162 A

CALCULATED DEMAND: 132 A

LGTH

18,560 VA

PNON

46,800 VA

DEMAND FACTOR

100.00%

60.68%

NOTES: