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## PANELBOARD: NL2B21A

LOCATION: ELECTRICAL/FIRE S201C  
SUPPLY FROM: NL2D11A  
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  
MAINS TYPE: MLO  
MCB RATING: N/A

CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	A (VA)	B (VA)	C (VA)	POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT			
1	REC - S200S S200T S200U S200V	PREC	20	1	1,080		1	20	PREC	REC - OPEN OFFICE	2			
3	REC - ABUTLION AREA S200R	PREC	20	1		180	1,080	1	20	PREC	REC - OPEN OFFICE	4		
5	SPARE	--	20	1			0	720	1	20	PREC	REC - OPEN OFFICE	6	
7	SPARE	--	20	1	0	1,080			1	20	PREC	REC - OPEN OFFICE	8	
9	SPARE	--	20	1		0	1,080		1	20	PREC	REC - OPEN OFFICE	10	
11	SPARE	--	20	1			0	1,080	1	20	PREC	REC - OPEN OFFICE	12	
13	SPARE	--	20	1	0	1,080			1	20	PREC	REC - OPEN OFFICE	14	
15	REC - CORRIDOR	PREC	20	1		900	720		1	20	PREC	REC - OPEN OFFICE	16	
17	SPARE	--	20	1			0	1,080	1	20	PREC	REC - OPEN OFFICE	18	
19	SPARE	--	20	1	0	1,080			1	20	PREC	REC - OPEN OFFICE	20	
21	SPARE	--	20	1		0	1,080		1	20	PREC	REC - OPEN OFFICE	22	
23	SPARE	--	20	1			0	1,080	1	20	PREC	REC - OPEN OFFICE	24	
25	SPARE	--	20	1	0	720			1	20	PREC	REC - OPEN OFFICE	26	
27	SPARE	--	20	1		0	1,080		1	20	PREC	REC - OPEN OFFICE	28	
29	SPARE	--	20	1			0	1,080	1	20	PREC	REC - OPEN OFFICE	30	
31	SPARE	--	20	1	0	1,080			1	20	PREC	REC - OPEN OFFICE	32	
33	SPARE	--	20	1		0	1,080		1	20	PREC	REC - OPEN OFFICE	34	
35	SPARE	--	20	1			0	1,080	1	20	PREC	REC - OPEN OFFICE	36	
37	SPARE	--	20	1	0	1,080			1	20	PREC	REC - OPEN OFFICE	38	
39	SPARE	--	20	1		0	720		1	20	PREC	REC - OPEN OFFICE	40	
41	SPARE	--	20	1			0	1,080	1	20	PREC	REC - TEAM S20P	42	
43	SPARE	--	20	1	0	1,260			1	20	PREC	REC - OFF S200FCO2US S200G	44	
45	SPARE	--	20	1		0	1,260		1	20	PREC	REC - OFF S200FCO2US S200G	46	
47	SPARE	--	20	1			0	1,260	1	20	PREC	REC - OFF S200FCO2US S200G	48	
49	SPARE	--	20	1	0	500			1	20	PNON	DIGITAL SIGNAGE - COLLAB S200H	50	
51	REC - OPEN OFFICE	PREC	20	1		1,080	500		1	20	PNON	DIGITAL SIGNAGE - LIVING S200A	52	
53	REC - OPEN OFFICE	PREC	20	1		1,080	500		1	20	PNON	COPPER - COPY S20V	54	
55	REC - OPEN OFFICE	PREC	20	1	720	540			1	20	PREC	COPPER - COPY S20V	56	
57	REC - OPEN OFFICE	PREC	20	1		1,080	500		1	20	PNON	COPPER - COPY S20V	58	
59	REC - OPEN OFFICE	PREC	20	1			1,080	720	1	20	PREC	REC - OFFICE S200A	60	
61	REC - OPEN OFFICE	PREC	20	1	1,080	1,080			1	20	PREC	REC - COLLAB S200FCO2US	62	
63	REC - OPEN OFFICE	PREC	20	1		1,080	1,080		1	20	PREC	REC - COLLAB S200FCORRIDOR	64	
65	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1	20	PREC	REC - COLLAB S200FCO2US S200C	66	
67	REC - OPEN OFFICE	PREC	20	1	1,080	1,440			1	20	PREC	REC - COLLAB S200FCO2US S200R	68	
69	REC - OPEN OFFICE	PREC	20	1		1,080	1,260		1	20	PREC	REC - OPEN OFFICE	70	
71	REC - OPEN OFFICE	PREC	20	1		1,080	1,080		1	20	PREC	REC - OPEN OFFICE	72	
73	REC - OPEN OFFICE	PREC	20	1	1,080	1,080			1	20	PREC	REC - OPEN OFFICE	74	
75	REC - OPEN OFFICE	PREC	20	1			720	1,080	1	20	PREC	REC - OPEN OFFICE	76	
77	REC - OFF S200FCO2US S200B	PREC	20	1				900	1,080	1	20	PREC	REC - OPEN OFFICE	78
79	REC - OFF S200FCO2US S200B	PREC	20	1	720	1,080			1	20	PREC	REC - CORRIDOR	80	
81	REC - TEAM S200C LIVING S200A	PREC	20	1		1,620	1,080		1	20	PREC	REC - COLLAB S200C	82	
83	REC - COLLAB S200C CORRIDOR	PREC	20	1		1,620	1,080		1	20	PREC	REC - LIVING ROOM S200A	84	
TOTAL LOAD (VA):					19,940	21,340	20,480							
TOTAL LOAD (A):					96.86	104.19	97.17							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED DEMAND	PANEL TOTALS
PNON	2,000 VA	100.00%	2,000 VA	CONNECTED: 61,760 VA
PREC	59,780 VA	58.37%	34,880 VA	CALCULATED DEMAND: 36,880 VA
				CONNECTED: 63,760 VA
				CALCULATED DEMAND: 162 A

### NOTES:

## PANELBOARD: NL2B14B

LOCATION: ELECTRICAL/FIRE N201C  
SUPPLY FROM: NL2D14B  
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  
MAINS 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 - CORRIDOR	PREC	20	1	1,260	1,000		1	20	LOC	2400 - FIRE SUPPRESSION SYSTEM	2	
3	REC - CORRIDOWNS/RVALL GEN	PREC	20	1		300	1,400		1	20	LOC	2401 - REFRIGERATED PREP TABLES	4
5	REC - ALL GENDER	PNON	20	1			150	700	1	20	LOC	2416 - HEATER W/GRIPS	6
7	REC - MEN'S RR	PNON	20	1	300	1,200			1	20	LOC	2418 - PLATE HEATER STRIPS	8
9	HAND DRYER	PNON	20	1		1,500	1,200		1	20	LOC	2415 - SERVICE COUNTER	10
11	HAND DRYER	PNON	20	1		1,500	1,000		1	20	LOC	2389 - HOOD CONTROL PANEL	12
13	HAND DRYER	PNON	20	1	1,500	600			2	20	LOC	2408 - BEVERAGE COUNTER PLUGS	14
15	HAND DRYER	PNON	20	1		1,500	600		1	20	LOC	UC REMOTE CHILLER	16
17	HAND DRYER	PNON	20	1		1,500	1,800		1	20	LOC	2428 - UC REMOTE CHILLER	18
19	HAND DRYER	PNON	20	1	1,500	1,800			1	20	LOC	2427 - BEVERAGE COUNTER	20
21	REC - CORRIDOR	PREC	20	1	1,260	360			1	20	LOC	2407 - REFRIGERATOR	22
23	REC - OUTDOOR	PREC	20	1			720	360	1	20	LOC	2433 - BEVERAGE COUNTER	24
25	REC - WATER FOUNTAINS	PNON	20	1	1,380	300			1	20	LOC	2434 - IC REFRIGERATOR	26
27	REC - SEATING AREA	PREC	20	1		540	900		1	20	LOC	2435 - DRINK-IN HEATED SHELF	28
29	REC - PRIVATE DINING/CHEF'S TABLE	PREC	20	1			1,260	1,200	1	20	LOC	2436 - INDUCTION WARMER	30
31	REC - CORRIDOR	PREC	20	1	540	1,200			1	20	LOC	2438 - INDUCTION WARMER	32
33	REC - SOUP SEATING NO20E	PREC	20	1		900	1,967		3	30	LOC	2393 - COMBI OVEN	34
35	REC - MARKET NO20E	PREC	20	1		540	1,967		1	--	--	[SHUNT FOR CKT 31,36,38]	36
37	REC - MARKET NO20E	PREC	20	1		540	1,967		1	--	--	[SHUNT FOR CKT 42]	38
39	POS - SOUP SEATING NO20E	PNON	20	1		500	--		1	--	--	[SHUNT FOR CKT 42]	40
41	POS - ORDER KIOSK NO20D	PNON	20	1		500	--		1	20	LOC	2381 - 2384 - 2400 - REFRIGERATORS	42
43	REC - ORDER KIOSK NO20D	PNON	20	1	500	--			1	--	--	[SHUNT FOR CKT 42]	44
45	POS - MARKET SEATING NO20E	PNON	20	1		500	3,300		1	30	LOC	2411 - ISLAND RANGE SUITE	46
47	MOTORIZED SHADES - NO20E	PNON	20	1			800	--	1	--	--	[SHUNT FOR CKT 46]	48
49	MOTORIZED SHADES - NO20E	PNON	20	1	600	1,933			3	20	LOC	2395 - CONNECTION OVEN	50
51	MOTORIZED SHADES - NO20B	PNON	20	1		800	1,933		3	20	LOC	2396 - 2398 - 2401 - MIXER, FREEZER	52
53	MOTORIZED SHADES - NO20B	PNON	20	1		200	1,933		3	20	LOC	2398 - COUNTER PLUGS	54
55	DIGITAL SIGNAGE - SOUP SEATING	PNON	20	1	500	600			2	20	LOC	2398 - COUNTER PLUGS	56
57	DIGITAL SIGNAGE - MARKET SEATING	PNON	20	1	500	600			2	20	LOC	2398 - COUNTER PLUGS	58
59	REC - PRIVATE DINING	PREC	20	1		360	600		2	20	LOC	2398 - 2398 - 2401 - MIXER, FREEZER	60
61	REC - PRIVATE DINING	PREC	20	1		360	600		2	20	LOC	2403 - COUNTER PLUGS	62
63	REC - PRIVATE DINING	PREC	20	1		695	600		2	20	LOC	2403 - 2404 - REFRIGERATED PREP.	64
65	HT-1-03A CONTROLLER	PCON	20	2	695	600			1	20	LOC	2412 - SINK/ST FOOD	66
67	HT-1-03A CONTROLLER	PCON	20	2	695	600			1	20	LOC	2412 - SINK/ST FOOD	68
69	HT-1-03B CONTROLLER	PCON	20	2		695	695		1	20	LOC	2412 - SINK/ST FOOD	70
71	HT-1-03A CONTROLLER	PCON	20	2	600	600			1	20	LOC	2412 - SINK/ST FOOD	72
73	HT-1-04A CONTROLLER	PCON	20	2	600	600			1	20	LOC	2412 - SINK/ST FOOD	74
75	HT-1-04A CONTROLLER	PCON	20	2	600	600			1	20	LOC	2412 - SINK/ST FOOD	76
77	HT-1-03A CONTROLLER	PCON	20	2	600	600			1	20	LOC	2412 - SINK/ST FOOD	78
79	HT-1-03A CONTROLLER	PCON	20	2	600	600			1	20	LOC	2412 - SINK/ST FOOD	80
81	HT-1-03A CONTROLLER	PCON	20	2	600	600			1	20	LOC	2412 - SINK/ST FOOD	82
83	HT-1-03A CONTROLLER	PCON	20	2	600	600			1	20	LOC	2412 - SINK/ST FOOD	84
TOTAL LOAD (VA):					22,075	22,955	23,720						
TOTAL LOAD (A):					184	192	199						

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	CALCULATED DEMAND	PANEL TOTALS
PNON	16,350 VA	100.00%	16,350 VA	CONNECTED: 68,750 VA
PMTR	500 VA	125.00%	625 VA	CALCULATED DEMAND: 64,575 VA
PCON	3,680 VA	125.00%	4,600 VA	CONNECTED: 72,930 VA
LOC	23,040 VA	100.00%	23,040 VA	CALCULATED DEMAND: 179 A
PREC	9,180 VA	100.00%	9,180 VA	CONNECTED: 179 A
LCK	15,700 VA	65.00%	10,205 VA	CALCULATED DEMAND: 179 A

### NOTES:

1. PROVIDE GFCI BREAKER FOR CIRCUITS SERVING DRINKING FOUNTAIN.

## PANELBOARD: NL2B11A

LOCATION: ELECTRICAL/FIRE S201C  
SUPPLY FROM: NL2D11A  
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  
MAINS TYPE: MLO  
MCB RATING: N/A

CKT	CIRCUIT DESCRIPTION	LOAD CLASS.	TRIP (A)	A (V) POLES	B (V) POLES	C (V) POLES	TRIP (A)	LOAD CLASS.	CIRCUIT DESCRIPTION	CKT			
1	REC - XS COLLAB S200E	PREC	20	1	1,080	1,080		1	20	PREC	REC - OPEN OFFICE	2	
3	REC - OPEN OFFICE	PREC	20	1				1	20	PREC	REC - OPEN OFFICE	4	
5	REC - OPEN OFFICE	PREC	20	1		1,080	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				1,080	720	1	20	PREC	REC - OPEN OFFICE	10
13	REC - OPEN OFFICE	PREC	20	1	1,080	720		1	20	PREC	REC - OPEN OFFICE S200F	12	
15	REC - OPEN OFFICE	PREC	20	1		720	720	1	20	PREC	REC - OPEN OFFICE	16	
17	REC - OPEN OFFICE	PREC	20	1			1,080	720	1	20	PREC	REC - OPEN OFFICE	18
19	REC - OPEN OFFICE	PREC	20	1	1,080	1,440			1	20	PREC	REC - COLLAB S200F/S200E S200D	20
21	REC - OPEN OFFICE	PREC	20	1	1,080	1,960			1	20	PREC	REC - COLLAB S200F/S200E S200E	22
23	REC - OPEN OFFICE	PREC	20	1			1,080	1,080	1	20	PREC	REC - LS S203A	24
25	REC - OPEN OFFICE	PREC	20	1	720	1,080			1	20	PREC	REC - COLLAB S203A	26
27	REC - OPEN OFFICE	PREC	20	1		1,080	720		1	20	PREC	REC - COLLAB S203A	28
29	REC - OPEN OFFICE	PREC	20	1			1,080	560	1	20	PREC	REC - CORRIDOR	30
31	REC - OPEN OFFICE	PREC	20	1	1,080	1,500			1	20	PREC	REC - MICROWAVE - PANTRY S200	32
33	REC - OPEN OFFICE	PREC	20	1		1,080	1,500		1	20	PREC	REC - MICROWAVE - PANTRY S200	34
35	REC - OPEN OFFICE	PREC	20	1			720	1,200	1	20	PREC	REC - REFRIGERATOR - PANTRY S200	36
37	REC - OPEN OFFICE	PREC	20	1	1,080	1,200			1	20	PREC	REC - REFRIGERATOR - PANTRY S200	38
39	REC - B37 BRIDGE	PREC	20	1		1,260	1,000		1	20	PREC	REC - WATER - PANTRY S200	40
41	TURNSTILE	PNON	20				240	500	1	20	PNON	COFFEE - PANTRY S200	42
43	REC - FOCUS S200	PREC	20	1	360	500			3	20	PNON	COFFEE - PANTRY S200	44
45	REC - OPT S200	PREC	20	1		1,260	500		1	20	PREC	REC - PANTRY S200	46
47	REC - PROJECT S200F	PREC	20	1			720	360	1	20	PREC	REC - PANTRY S200	48
49	REC - PROJECT S200F	PREC	20	1	900	1,500			1	20	PNON	ESPRESSO - PANTRY S200	50
51	REC - SM COLLAB S200	PREC	20	1		1,080	360		1	20	PREC	PANTRY S200	52
53	XS COLLAB S200	PREC	20	1			1,080	560	1	20	PREC	PANTRY S200	54
55	REC - OPEN OFFICE	PREC	20	1		720	720		1	20	PREC	CORRIDOR	56
57	MICROWAVE - PANTRY S200	PNON	20	1		1,500	800		1	20	PNON	MENS RR WOMENS RR	58
59	MICROWAVE - PANTRY S200	PNON	20	1			1,500	1,500	1	20	PNON	HAND DRYER	60
61	DIGITAL SIGNAGE - CORRIDOR	PNON	20	1	500	1,200			1	20	PNON	ESC CLOSET	62
63	COPPER - COPY S20A	PNON	20	1	500	500	1,500		1	20	PNON	HAND DRYER	64
65	COPPER - COPY S20A	PNON	20	1			720	1,500	1	20	PNON	HAND DRYER	66
67	COPPER - COPY S20A	PNON	20	1	500	1,500			1	20	PNON	HAND DRYER	68
69	REC - TEAM S200	PREC	20	1					1	20	PREC	REC - TEAM S200A	70
71	REC - OPT S200	PREC	20	1			1,260	0	1	20	SPARE	SPARE	72
73	REC - TEAM S200	PREC	20	1	1,080	0			1	20	SPARE	SPARE	74
75	REC - CORRIDOR	PREC	20	1		1,080	0		1	20	SPARE	SPARE	76
77	REC - OPEN OFFICE	PREC	20	1			720	0	1	20	SPARE	SPARE	78
79	REC - OPEN OFFICE	PREC	20	1	720	0			1	20	SPARE	SPARE	80
81	REC - CORRIDOR	PREC	20	1		900	0	0	1	20	SPARE	SPARE	82
83	SPARE								0	1	20	SPARE	84
TOTAL LOAD (VA):					23,140	26,020	21,740						
TOTAL LOAD (A):					214	221	181						