

TYPE: BOLT-ON BREAKER PANELBOARD MOUNTING: SURFACE  
 SERVICE: 277/480 VOLT, 3 $\phi$ , 4W PANEL "HB2" AIC: 22,000  
 MAIN: 400 AMP MLO (DOUBLE SECTION) REMARKS: GROUND BUS 400 AMP SUB-FEED LUGS

pos. no.	bkr. no.	trip	amp	pole	size	cd	service	LOAD V.A.			pos. no.	bkr. no.	trip	amp	pole	size	cd	service
								A	B	C								
1	1	20	1	12			LIGHTS-OCCUPANCY SENSORS	1887	1887	1887	2	2	20	3	12		VAV-13.5	
3	3	20	1	12			LIGHTS-LOW VOLTAGE SWITCHES	1887	1887	1887	4	4	20	1	12			
5	5	20	1	12				1887	1887	1887	6	6	20	1	12			
7	7	20	1	12				1887	1887	1887	8	4	20	3	12		VAV-13.6	
9	9	20	1	12				1887	1887	1887	10	10	20	1	12			
11	11	20	1	12			SPARE	1887	1887	1887	12	12	20	1	12			
13	13	20	3	12			VAV-13.1	1887	1887	1887	14	6	20	3	12		VAV-13.7	
15	15	20	1	12				1887	1887	1887	16	16	20	1	12			
17	17	20	1	12				1887	1887	1887	18	18	20	1	12			
19	15	20	3	12			VAV-13.2	1887	1887	1887	20	8	20	3	12		VAV-13.8	
21	21	20	1	12				1887	1887	1887	22	22	20	1	12			
23	23	20	1	12				1887	1887	1887	24	24	20	1	12			
25	17	20	3	12			VAV-13.3	1887	1887	1887	26	10	30	3	10		VAV-13.9	
27	27	20	1	12				1887	1887	1887	28	28	20	1	12			
29	29	20	1	12				1887	1887	1887	30	30	20	1	12			
connected V.A. per phase 34,930 34,930 34,930											Total connected load = 204,694 VA = 246 AMPS							
total amps per phase 125 122 118																		

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 SERVICE: 277/480 VOLT, 3 $\phi$ , 4W PANEL "HB2" AIC: 22,000  
 MAIN: 400 AMP MLO (DOUBLE SECTION) REMARKS: GROUND BUS 400 AMP SUB-FEED LUGS

pos. no.	bkr. no.	trip	amp	pole	size	cd	service	LOAD V.A.			pos. no.	bkr. no.	trip	amp	pole	size	cd	service
								A	B	C								
31	19	20	3	12			VAV-13.4	1887	1887	1887	32	12	30	3	10		AHU-13 (15HP)	
33	33	20	1	12				1887	1887	1887	34	34	20	1	12			
35	35	20	1	12				1887	1887	1887	36	36	20	1	12			
37	37	20	1	12			SPACE	1887	1887	1887	38	14	20	3	12		SF-B	
39	39	20	1	12				1887	1887	1887	40	40	20	1	12			
41	41	20	1	12				1887	1887	1887	42	42	20	1	12			
43	43	20	1	12				1887	1887	1887	44	16	110	3	2	1-1/4"	75 KVA XFMR (PANEL "LB2")	
45	45	20	1	12				1887	1887	1887	46	46	20	1	12			
47	47	20	1	12				1887	1887	1887	48	48	20	1	12			
49	49	20	1	12			SPACE	1887	1887	1887	50	50	20	1	12			
51	51	20	1	12				1887	1887	1887	52	52	20	1	12			
53	53	20	1	12				1887	1887	1887	54	54	20	1	12			
55	55	20	1	12				1887	1887	1887	56	56	20	1	12			
57	57	20	1	12				1887	1887	1887	58	58	20	1	12			
59	59	20	1	12				1887	1887	1887	60	60	20	1	12			
connected V.A. per phase 34,930 34,930 34,930											Total connected load = 204,694 VA = 246 AMPS							
total amps per phase 126 126 126																		

TYPE: BOLT-ON BREAKER PANELBOARD MOUNTING: SURFACE  
 SERVICE: 120/208 VOLT, 3 $\phi$ , 4W PANEL "LB2" AIC: 10,000  
 MAIN: 250 AMP MAIN BREAKER (DOUBLE SECTION) REMARKS: GROUND BUS 250 AMP SUB-FEED LUGS

pos. no.	bkr. no.	trip	amp	pole	size	cd	service	LOAD V.A.			pos. no.	bkr. no.	trip	amp	pole	size	cd	service
								A	B	C								
1	1	20	1	12			CEILING FANS	1000	1000	1000	2	2	20	1	12		RECEPTS-CLASSROOM 2402	
3	3	20	1	12				1000	1000	1000	4	4	20	1	12			
5	5	20	1	12				1000	1000	1000	6	6	20	1	12			
7	7	20	1	12				1000	1000	1000	8	8	20	1	12			
9	9	20	1	12			RECEPTS-CLASSROOM 2401	1000	1000	1000	10	10	20	1	12			
11	11	20	1	12				1000	1000	1000	12	12	20	1	12		RECEPTS-CLASSROOM 2404	
13	13	20	1	12				1000	1000	1000	14	14	20	1	12			
15	15	20	1	12				1000	1000	1000	16	16	20	1	12			
17	17	20	1	12				1000	1000	1000	18	18	20	1	12			
19	19	20	1	12			RECEPTS-CLASSROOM 2403	1000	1000	1000	20	20	20	1	12			
21	21	20	1	12				1000	1000	1000	22	22	20	1	12		RECEPTS-CLASSROOM 2406	
23	23	20	1	12				1000	1000	1000	24	24	20	1	12			
25	25	20	1	12				1000	1000	1000	26	26	20	1	12			
27	27	20	1	12				1000	1000	1000	28	28	20	1	12			
29	29	20	1	12			RECEPTS-CLASSROOM 2405	1000	1000	1000	30	30	20	1	12			
31	31	20	1	12				1000	1000	1000	32	32	20	1	12		RECEPTS-CLASSROOM 2408	
33	33	20	1	12				1000	1000	1000	34	34	20	1	12			
35	35	20	1	12				1000	1000	1000	36	36	20	1	12			
37	37	20	1	12				1000	1000	1000	38	38	20	1	12			
39	39	20	1	12			RECEPTS-CLASSROOM 2407	1000	1000	1000	40	40	20	1	12			
41	41	20	1	12				1000	1000	1000	42	42	20	1	12		RECEPTS	
connected V.A. per phase 15,080 15,120 15,620											Total connected load = 64,197 VA = 178 AMPS							
total amps per phase 126 126 130																		

TYPE: BOLT-ON BREAKER PANELBOARD MOUNTING: SURFACE  
 SERVICE: 120/208 VOLT, 3 $\phi$ , 4W PANEL "LB2" AIC: 10,000  
 MAIN: 250 AMP MAIN BREAKER (DOUBLE SECTION) REMARKS: GROUND BUS 250 AMP SUB-FEED LUGS

pos. no.	bkr. no.	trip	amp	pole	size	cd	service	LOAD V.A.			pos. no.	bkr. no.	trip	amp	pole	size	cd	service
								A	B	C								
43	43	20	1	12			RECEPTS-CLASSROOM 2407	1000	1000	1000	44	44	20	1	12		RECEPTS	
45	45	20	1	12				1000	1000	1000	46	46	20	1	12			
47	47	20	1	12				1000	1000	1000	48	48	20	1	12			
49	49	20	1	12			SPACE	1040	1040	1040	50	50	20	1	12			
51	51	20	1	12				1040	1040	1040	52	52	30	1	10		HAND DRYERS	
53	53	20	1	12				1040	1040	1040	54	54	30	1	10			
55	55	20	1	12				1040	1040	1040	56	56	30	1	10			
57	57	20	1	12			SPACE	1040	1040	1040	58	58	20	1	12		SPARE	
59	59	20	1	12				1040	1040	1040	60	60	20	1	12		RECEPT-HHW-3&4 & CP-2	
61	61	20	1	12				1040	1040	1040	62	62	20	1	12		RECEPTS	
63	63	20	1	12				1000	1000	1000	64	64	20	1	12		EMS	
65	65	20	1	12				1000	1000	1000	66	66	20	1	12		EF-7, EF-8, EF-9, EF-10, EF-11, & EF-12	
67	67	20	1	12				1000	1000	1000	68	68	20	1	12		SPARE	
69	69	20	1	12				1000	1000	1000	70	70	20	1	12			
71	71	20	1	12				1000	1000	1000	72	72	20	1	12			
73	73	20	1	12				1000	1000	1000	74	74	20	1	12			
75	75	20	1	12				1000	1000	1000	76	76	20	1	12		SPACE	
77	77	20	1	12				1000	1000	1000	78	78	20	1	12			
79	79	20	1	12				1000	1000	1000	80	80	20	1	12			
81	81	20	1	12				1000	1000	1000	82	82	20	1	12			
83	83	20	1	12				1000	1000	1000	84	84	20	1	12			
connected V.A. per phase 6,780 5,800 5,797											Total connected load = 64,197 VA = 178 AMPS							
total amps per phase 57 48 48																		

TYPE: BOLT-ON BREAKER PANELBOARD MOUNTING: SURFACE  
 SERVICE: 277/480 VOLT, 3 $\phi$ , 4W PANEL "HC2" AIC: 22,000  
 MAIN: 400 AMP MLO (DOUBLE SECTION) REMARKS: GROUND BUS 400 AMP SUB-FEED LUGS

pos. no.	bkr. no.	trip	amp	pole	size	cd	service	LOAD V.A.			pos. no.	bkr. no.	trip	amp	pole	size	cd	service
								A	B	C								
1	1	20	3	12			VAV-12.1	1887	1887	1887	2	2	20	3	12		VAV-12.7	
3	3	20	1	12				1887	1887	1887	4	4	20	1	12			
5	5	20	1	12				1887	1887	1887	6	6	20	1	12			
7	3	20	3	12			VAV-12.2	1887	1887	1887	8	4	20	3	12		VAV-12.8	
9	9	20	1	12				1887	1887	1887	10	10	20	1	12			
11	11	20	1	12				1887	1887	1887	12	12	20	1	12			
13	5	20	3	12			VAV-12.3	1887	1887	1887	14	6	20	3	12		VAV-12.9	
15	15	20	1	12				1887	1887	1887	16	16	20	1	12		</	