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SWITCHBOARD MDP SCHEDULE											
MAIN BUSS:	800A MCB	VOLT:	208Y/120	NEMA RATING:	1	3 PHASE	4 WIRE	MIN. A.I.C. 22000	MOUNTING:	SURFACE	
CIRCUIT	SERVES	FEEDER	FRAME/TRIP/POLE	LOAD (KVA)	NOTES						
1	PANEL A1	SEEE FEEDER SCHEDULE (E-0.1)	400A/400A/3P	122.4	TYPE DK						
2	PANEL G	SEEE FEEDER SCHEDULE (E-0.1)	225A/150A/3P	44.1	TYPE FD						
3	PANEL EB1	SEEE FEEDER SCHEDULE (E-0.1)	600A/400A/3P	79.9	TYPE LGE W/ 310+LSI						
4	PANEL ES	SEEE FEEDER SCHEDULE (E-0.1)	225A/100A/3P	2.95	TYPE FD OR GHB						
5	SPACE	-	-	-	-						
6	SPACE	-	-	-	-						
7	SPACE	-	-	-	-						
8	SPACE	-	-	-	-						
9	SPACE	-	-	-	-						
10	SPACE	-	-	-	-						
11	SPACE	-	-	-	-						
12	SPACE	-	-	-	-						
TOTALS: 249.4											

- NOTES:
- SWITCHBOARD TO HAVE EATON 1200A FRAME AND BUSS WITH 800A TRIP FOR PROPER SELECTIVE COORDINATION.
 - PROVIDE SHUNT TRIP MAIN BREAKER TIED TO EXTERIOR PUSH BUTTON. SEE RISER. BREAKER TO BE TYPE NGS WITH 310+ ASLI TRIP.
 - ALL BREAKER TYPES LISTED ABOVE TO BE BY EATON.
 - SELECTIVE COORDINATION OF ALL BREAKERS TO 0.0 SECONDS IS REQUIRED.

SCHEDULE OF PANEL A2																					
CKT. NO.	TRIP POLE	DESCRIPTION	LTS	REC	HTG	A/C	MTR	MISC	A	B	C	MISC	MTR	A/C	HTG	REC	LTS	DESCRIPTION	TRIP POLE	CKT. NO.	
1	20/1	EXTERIOR BLDG LTG	0.60															SPARE	20/1	2	
3	20/1	LOBBY/FRONT OFFICE LTG	0.99					0.03										SPARE	20/1	4	
5	20/1	OFFICE/HALL LTG	0.96					0.03									1.08	FILES/STORAGE REC	20/1	6	
7	20/1	HALL/TRAINING/LIVING LTG	1.30					0.11									0.20	SIGNAGE	30	8	
9	20/1	SPARE															0.20	SIGNAGE	20/1	10	
11	20/1	COMMUNITY REC															0.20	SIGNAGE	3	12	
13	20/1	LOBBY/REST/COM REC	0.90									2.60						OVEN	40	14	
15	20/1	OFFICE REC	1.08									2.60						OVEN	40	16	
17	20/1	OFFICE REC	1.08									2.60						OVEN	40	18	
19	20/1	HALL REC	1.08									2.60						OVEN	40	20	
21	20/1	OFFICE REC	1.08									1.20						DISHWASHER	20/1	22	
23	20/1	OFFICE/STORAGE REC	1.08														1.08	FIRE LIVING REC	20/1	24	
25	20/1	TRAINING/KITCH/HALL REC	1.08														0.72	HALL/RESTROOM REC	20/1	26	
27	20/1	TRAINING REC	1.08														1.08	SLEEPING QUARTERS REC	20/1	28	
29	20/1	TRAINING REC	1.08														1.08	SLEEPING QUARTERS REC	20/1	30	
31	20/1	TRAINING REC	1.08														1.08	SLEEPING QUARTERS REC	20/1	32	
33	30	SITE LIGHTING	1.36									0.60						WASHER	20/1	34	
35	2	SITE LIGHTING	1.36									2.50						DRYER	30	36	
37	20/1	SITE OUTLETS	1.08									2.50						DRYER	2	38	
39	20/1	SPARE															0.90	HALL/LAUNDRY REC	20/1	40	
41	20/1	PRINTER/COPIER															1.08	FILES/STORAGE REC	20/1	42	
CATEGORY TOTALS CONNECTED (KVA)			6.66	12.31				0.17				17.75					8.10	0.60	CATEGORY TOTALS CONNECTED (KVA)		
200A MLO MAIN RATING			120/208	VAC	3	PHASE	4	WIRE	PROVIDE FEED-THRU LUGS:			NO	TOTAL CONNECTED LOAD:			46.6					
MINIMUM BREAKER AIC:			22000	PROVIDE IG BUS BAR:	NO	NEMA RATING:	1	MOUNTING:	SURFACE			TOTAL DEMAND LOAD:			42.2						
* -DENOTES PROVIDE LOCK-ON CIRCUIT BREAKER						+ -DENOTES PROVIDE GFCI CIRCUIT BREAKER			# -DENOTES PROVIDE AFCI CIRCUIT BREAKER												

SCHEDULE OF PANEL A1																					
CKT. NO.	TRIP POLE	DESCRIPTION	LTS	REC	HTG	A/C	MTR	MISC	A	B	C	MISC	MTR	A/C	HTG	REC	LTS	DESCRIPTION	TRIP POLE	CKT. NO.	
1	20/1	WH-2	3.00					0.10				3.00						WH-4	40	2	
3	20/1	WH-2						0.10				3.00						WH-4	2	4	
5	15/1	DH-1						0.02				3.15						WH-5	40	6	
7	20	AHU-4					0.79					3.15						WH-5	2	8	
9	20	AHU-4					0.79											SPARE	20/1	10	
11	3	AHU-4					0.79										2.88	CU-4	30	12	
13	15/1	AHU-5	1.08														2.88	CU-4		14	
15	15/1	AHU-6					0.65										2.88	CU-4	3	16	
17	20	AHU-7					1.42										2.08	CU-4	35	18	
19	20	AHU-7					1.42										2.08	CU-4	2	20	
21	3	AHU-7					1.42										2.50	CU-6	20	22	
23	15/1	AHU-8					1.18										2.50	CU-6	2	24	
25	--	SPACE															8.05	CU-7	90	26	
27	15/1	AHU-9					0.65										8.05	CU-7		28	
29	15/1	DH-3						0.02									8.05	CU-7	3	30	
31	15/1	DH-4						0.02									2.91	CU-8	50	32	
33	30	UH-8						2.00									2.91	CU-8	2	34	
35	2	UH-8						2.00									1.87	CU-9	30	36	
37	200	PANEL A2						14.1									1.87	CU-9	2	38	
39	3	PANEL A2						14.1				2.00						UH-7	30	40	
41	3	PANEL A2						14.1				2.00						UH-7	2	42	
CATEGORY TOTALS CONNECTED (KVA)							10.2	46.2				14.5					51.5	CATEGORY TOTALS CONNECTED (KVA)			
400A MLO MAIN RATING			120/208	VAC	3	PHASE	4	WIRE	PROVIDE FEED-THRU LUGS:			NO	TOTAL CONNECTED LOAD:			122.4					
MINIMUM BREAKER AIC:			22000	PROVIDE IG BUS BAR:	NO	NEMA RATING:	1	MOUNTING:	SURFACE			TOTAL DEMAND LOAD:			122.4						
* -DENOTES PROVIDE LOCK-ON CIRCUIT BREAKER						+ -DENOTES PROVIDE GFCI CIRCUIT BREAKER			# -DENOTES PROVIDE AFCI CIRCUIT BREAKER												

SCHEDULE OF PANEL G																					
CKT. NO.	TRIP POLE	DESCRIPTION	LTS	REC	HTG	A/C	MTR	MISC	A	B	C	MISC	MTR	A/C	HTG	REC	LTS	DESCRIPTION	TRIP POLE	CKT. NO.	
1	20/1	STORAGE LIGHTING	0.50					0.30				0.42						EF-6	20	2	
3	20/1	APPARATUS BAY REC						1.00				0.42						EF-6	2	4	
5	20/1	APPARATUS BAY REC						1.00				0.42						EF-6	3	6	
7	20/1	STORAGE LAUNDRY REC	1.08									0.42						EF-7	20	8	
9	20/1	APPARATUS BAY REC	0.72									0.42						EF-7	20	10	
11	20/1	WASHER						0.60				0.42						EF-7	3	12	
13	20/1	WASHER						0.60				3.64						AIR COMPRESSOR	60	14	
15	30	DRYER						2.50				3.64						AIR COMPRESSOR	2	16	
17	2	DRYER						2.50								1.08		OUTDOOR RECEPTACLES	20/1	18	
19	30	DRYER						2.50					3.12					AIR COMPRESSOR	60	20	
21	2	DRYER						2.50					3.12					AIR COMPRESSOR	2	22	
23	20/1	SPARE										0.20						DRYER	20/1	24	
25	20/1	APPARATUS BAY REC						1.00				0.48						ICE MAKER	20/1	26	
27	20/1	APPARATUS BAY REC						1.00								0.92		APPARATUS BAY LIGHTING	20/1	28	
29	20/1	APPARATUS BAY REC						1.00								0.92		APPARATUS BAY LIGHTING	20/1	30	
31	20/1	APPARATUS BAY REC						1.00										SPACE	--	32	
33	20/1	APPARATUS BAY REC						1.00										SPACE	--	34	
35	20/1	APPARATUS BAY REC						1.00										SPACE	--	36	
37	20/1	APPARATUS BAY REC						1.00										SPACE	--	38	
39	20/1	APPARATUS BAY REC						1.00										SPACE	--	40	
41	--	SPACE																SPACE	--	42	
CATEGORY TOTALS CONNECTED (KVA)			0.50	1.90				0.30	21.2			0.68	16.1			1.08	1.84	CATEGORY TOTALS CONNECTED (KVA)			
150A MLO MAIN RATING			120/208	VAC	3	PHASE	4	WIRE	PROVIDE FEED-THRU LUGS:			NO	TOTAL CONNECTED LOAD:			43.5					
MINIMUM BREAKER AIC:			10000	PROVIDE IG BUS BAR:	NO	NEMA RATING:	1														