

NAME: 1-3-MSB-1-PNL-1

LOCATION: ELEC. ROOM 1-197
 MAINS RATING: 125 A
 MAINS TYPE: MCS
 FEED THROUGH LUOS: No

FED FROM: VOLTAGE: 480/277 Vph
 PHASE: 3
 WIRE: 4

MOUNTING: SURFACE
 ENCLOSURE: NEMA 1
 AFC: 65KA
 SCOR: 65KA

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	LTG DH 1 MECH GALLERY		20A	1		0.72	0.88		1	20A		LTG CORRIDOR DH 1	2	
3	LTG ELEC ROOM DH 1		20A	1		1.31	1.305		1	20A		LTG DH 1 ZONE a	4	
5	LTG DH 1 ZONE c		20A	1		1.7	2.55		1	20A		LTG DH 1 ZONE c	6	
7	LTG DH 1 ZONE e		20A	1		2.55				20A			8	
9													10	
11													12	
13													14	
15													16	
17													18	
19													20	
21													22	
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35													36	
37													38	
39													40	
41													42	

BRANCH CIRCUIT LOAD (KVA): 4.76 KVA, 4.26 KVA, 4.26 KVA
 FEED THROUGH LUOS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 4.76 KVA, 4.26 KVA, 4.26 KVA
 TOTAL LOAD (AMPS): 14.8 A, 15.8 A, 15.8 A
 PHASE LOAD BALANCE: 84.39%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
Lighting	11.71 KVA	14.63 KVA	TOTAL CONNECTED LOAD (AMPS): 19 A
Other	0.88 KVA	0.88 KVA	TOTAL CODE LOAD (AMPS): 19 A
			PERCENT LOADED: 14.81%

TOTAL KVA: 12.53 KVA, 15.46 KVA

LOAD CLASSIFICATION (L) LEGEND
 R- RECEPTACLE, L- LIGHTING, K- KITCHEN, M- MOTORSHVAC, H- HEATERS, O- OTHER, E- EXISTING, C- CSNRM/R LOADS

NAME: A-1-INV-1-PNL-1

LOCATION: ELEC. ROOM 1-199
 MAINS RATING: 100 A
 MAINS TYPE: MLO
 FEED THROUGH LUOS: No

FED FROM: VOLTAGE: 480/277 Vph
 PHASE: 3
 WIRE: 4

MOUNTING: SURFACE
 ENCLOSURE: NEMA 1
 AFC: 65KA
 SCOR: 65KA

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	EMLTG DH1 MECH GALLERY		20A	1		0.45	1.05		1	20A		EMLTG CORRIDOR DH 1	2	
3	EMLTG DH1 ZONE e		20A	1		0.65	1.22		1	20A		EMLTG ELEC ROOM DH 1	4	
5	EMLTG DH1 ZONE a		20A	1		1.15	1.15		1	20A		EMLTG DH 1 ZONE a	6	
7	EMLTG DH1 ZONE c		20A	1		1.1				20A			8	
9													10	
11													12	
13													14	
15													16	
17													18	
19													20	
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31													32	
33													34	
35													36	
37													38	
39													40	
41													42	

BRANCH CIRCUIT LOAD (KVA): 2.54 KVA, 1.82 KVA, 2.2 KVA
 FEED THROUGH LUOS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 2.54 KVA, 1.82 KVA, 2.2 KVA
 TOTAL LOAD (AMPS): 9.8 A, 8.8 A, 8.2 A
 PHASE LOAD BALANCE: 70.25%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
Lighting	5.1 KVA	6.8 KVA	TOTAL CONNECTED LOAD (AMPS): 9 A
Other	1.05 KVA	1.05 KVA	TOTAL CODE LOAD (AMPS): 9 A
			PERCENT LOADED: 9.41%

TOTAL KVA: 6.5 KVA, 7.87 KVA

LOAD CLASSIFICATION (L) LEGEND
 R- RECEPTACLE, L- LIGHTING, K- KITCHEN, M- MOTORSHVAC, H- HEATERS, O- OTHER, E- EXISTING, C- CSNRM/R LOADS

NAME: 1-2-MSB-1-PNL-1

LOCATION: ELEC. ROOM 1-198
 MAINS RATING: 100 A
 MAINS TYPE: MCS
 FEED THROUGH LUOS: No

FED FROM: VOLTAGE: 120/208 Vph
 PHASE: 3
 WIRE: 4

MOUNTING: SURFACE
 ENCLOSURE: NEMA 1
 AFC: 22KA
 SCOR: 22KA

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	RECPY HOUSE ELECTRICAL 1-197		20A	1		0.9	0.72		1	20A			RECPY MECHANICAL 1-199	2
3	RECPY ELEC ROOM 1-196		20A	1		1.08	1.08	0.72	1	20A			RECPY MECHANICAL 1-201	4
5	RECPY ELEC ROOM 1-195		20A	1		1.08	0.54		1	20A			RECPY STORAGE 1-201	6
7	RECPY ELEC ROOM 1-194		20A	1		1.08	0.54		1	20A			RECPY STORAGE 1-201	8
9	RECPY ELEC ROOM 1-193		20A	1		1.08	1.08		1	20A			RECPY DATA HALL 1-1-200	10
11	RECPY CORRIDOR 1-223		20A	1		0.9	1.08		1	20A			RECPY DATA HALL 1-1-200	12
13	RECPY CORRIDOR 1-223		20A	1		0.54	0.36		1	20A			RECPY EXT	14
15													16	
17													18	
19													20	
21													22	
23													24	
25													26	
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37													38	
39													40	
41													42	

BRANCH CIRCUIT LOAD (KVA): 4.14 KVA, 3.96 KVA, 3.6 KVA
 FEED THROUGH LUOS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 4.14 KVA, 3.96 KVA, 3.6 KVA
 TOTAL LOAD (AMPS): 35.8 A, 33.8 A, 30.2 A
 PHASE LOAD BALANCE: 85.81%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
RECPY	11.7 KVA	11.7 KVA	TOTAL CONNECTED LOAD (AMPS): 32 A
			TOTAL CODE LOAD (AMPS): 32 A
			PERCENT LOADED: 32.48%

TOTAL KVA: 11.7 KVA, 11.7 KVA

LOAD CLASSIFICATION (L) LEGEND
 R- RECEPTACLE, L- LIGHTING, K- KITCHEN, M- MOTORSHVAC, H- HEATERS, O- OTHER, E- EXISTING, C- CSNRM/R LOADS

NAME: 1-1-UPS-1-UDP-1

LOCATION: ELEC. ROOM 1-196
 MAINS RATING: 400 A
 MAINS TYPE: MCS
 FEED THROUGH LUOS: No

FED FROM: VOLTAGE: 480V
 PHASE: 3
 WIRE: 3

MOUNTING: SURFACE
 ENCLOSURE: NEMA 1
 AFC: 65KA
 SCOR: 65KA

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1						16.74	16.74		3	70A				2
3	FWU-1-4		70A	3		16.74	16.74		3	70A			FWU-1-4	4
5						16.74	16.74		3	70A				6
7						16.74	16.74		3	70A				8
9	CDU-1-1		100	3		10.95	10.95		3	100	A		CDU-1-1	10
11						10.95	10.95		3	100	A			12
13						10.95	10.95		3	100	A			14
15	CHWP-1-7-1		100	3		11.08	11.08		3	100	A		CHWP-1-7-1	16
17						11.08	11.08		3	100	A			18
19						11.08	11.08		3	100	A			20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42

BRANCH CIRCUIT LOAD (KVA): 77.53 KVA, 77.53 KVA, 77.53 KVA
 FEED THROUGH LUOS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 77.53 KVA, 77.53 KVA, 77.53 KVA
 TOTAL LOAD (AMPS): 279.8 A, 279.8 A, 279.8 A
 PHASE LOAD BALANCE: 100%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
Power	232.6 KVA	232.6 KVA	TOTAL CONNECTED LOAD (AMPS): 280 A
			TOTAL CODE LOAD (AMPS): 280 A
			PERCENT LOADED: 69.94%

TOTAL KVA: 232.6 KVA, 232.6 KVA

LOAD CLASSIFICATION (L) LEGEND
 R- RECEPTACLE, L- LIGHTING, K- KITCHEN, M- MOTORSHVAC, H- HEATERS, O- OTHER, E- EXISTING, C- CSNRM/R LOADS

NAME: 1-1-MSB-1-MDP-1

LOCATION: ELEC. ROOM 1-196
 MAINS RATING: 400 A
 MAINS TYPE: MLO
 FEED THROUGH LUOS: No

FED FROM: VOLTAGE: 480V
 PHASE: 3
 WIRE: 3

MOUNTING: SURFACE
 ENCLOSURE: NEMA 1
 AFC: 65KA
 SCOR: 65KA

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1						16.74	16.74		3	70A				2
3	FWU-1-3		70A	3		16.74	16.74		3	70A			FWU-1-3	4
5						16.74	16.74		3	70A				6
7						16.74	16.74		3	70A				8
9	CDU-1-1		100	3		10.95	10.95		3	100	A		CDU-1-1	10
11						10.95	10.95		3	100	A			12
13						10.95	10.95		3	100	A			14
15	CHWP-1-4B		70A	3		3.41	3.41		3	70A			CHWP-1-4B	16
17						3.41	3.41		3	70A				18
19														20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42

BRANCH CIRCUIT LOAD (KVA): 57.02 KVA, 57.02 KVA, 57.02 KVA
 FEED THROUGH LUOS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 57.02 KVA, 57.02 KVA, 57.02 KVA
 TOTAL LOAD (AMPS): 205.8 A, 205.8 A, 205.8 A
 PHASE LOAD BALANCE: 100%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
Power	171.07 KVA	171.07 KVA	TOTAL CONNECTED LOAD (AMPS): 206 A
			TOTAL CODE LOAD (AMPS): 206 A
			PERCENT LOADED: 34.29%

TOTAL KVA: 171.07 KVA, 171.07 KVA

LOAD CLASSIFICATION (L) LEGEND
 R- RECEPTACLE, L- LIGHTING, K- KITCHEN, M- MOTORSHVAC, H- HEATERS, O- OTHER, E- EXISTING, C- CSNRM/R LOADS

NAME: 1-2-UPS-1-UDP-1

LOCATION