

NAME: 8-3-MSB-1-PNL-1

LOCATION: ELEC. ROOM 2-137
 MANS RATING: 125 A
 MAINS TYPE: MCB
 FEED THROUGH LUIGS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	LTG CORROR DR B					0.59	0.72				20 A	LTG DH 4 MECH GALLERY	2
3	LTG ELEC ROOM DR B					1.45	2.5				20 A	LTG DH 2 ZONE 4	4
5	LTG DH 2 ZONE 4							1.7	2.5		20 A	LTG DH 2 ZONE 4	6
7	LTG DH 2 ZONE 4B					3.05					20 A	LTG DH 2 ZONE 4B	8
9													10
11													12
13													14
15													16
17													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): 4.77 KVA, 3.96 KVA, 4.79 KVA
 FEED THROUGH LUIGS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 4.77 KVA, 3.96 KVA, 4.79 KVA
 TOTAL LOAD (AMPS): 15.8 A, 13.9 A, 15.8 A
 PHASE LOAD BALANCE: 89.2%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
Lighting	11.74 KVA	14.69 KVA	TOTAL CONNECTED LOAD (AMPS): 15 A
Other	0.59 KVA	0.59 KVA	TOTAL CODE LOAD (AMPS): 18 A
			PERCENT LOADED: 14.65%

TOTAL KVA: 12.29 KVA, 15.23 KVA

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

NAME: A-1-INV-2-PNL-8-1

LOCATION: ELEC. ROOM 2-139
 MANS RATING: 100 A
 MAINS TYPE: MLO
 FEED THROUGH LUIGS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	EMLTG DH 9 MECH GALLERY					0.45	0.5				20 A	EMLTG CORROR DR B	2
3	EMLTG DH 2 ZONE 4					0.7	1.15				20 A	EMLTG DH 2 ZONE 4	4
5	EMLTG ELEC ROOM DR B					1.08	1.1				20 A	EMLTG DH 2 ZONE 4	6
7	EMLTG DH 9 ZONE 4					1.1					20 A	EMLTG DH 9 ZONE 4	8
9													10
11													12
13													14
15													16
17													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): 2.91 KVA, 1.86 KVA, 2.12 KVA
 FEED THROUGH LUIGS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 2.91 KVA, 1.86 KVA, 2.12 KVA
 TOTAL LOAD (AMPS): 7.3 A, 5.7 A, 7.3 A
 PHASE LOAD BALANCE: 81.7%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
Lighting	5.47 KVA	6.03 KVA	TOTAL CONNECTED LOAD (AMPS): 7 A
Other	0.5 KVA	0.5 KVA	TOTAL CODE LOAD (AMPS): 9 A
			PERCENT LOADED: 8.8%

TOTAL KVA: 5.95 KVA, 7.31 KVA

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

NAME: 8-2-MSB-1-PNL-1

LOCATION: ELEC. ROOM 2-138
 MANS RATING: 100 A
 MAINS TYPE: MCB
 FEED THROUGH LUIGS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	RECP. ELEC. ROOM 2-143					1.08	0.72				20 A	RECP. MECHANICAL 2-140	2
3	RECP. ELEC. ROOM 2-142					1.08	1.08	0.72			20 A	RECP. MECHANICAL 2-140	4
5	RECP. ELEC. ROOM 2-141					1.08	0.54				20 A	RECP. STORAGE 2-140	6
7	RECP. ELEC. ROOM 2-140					1.08	0.54				20 A	RECP. STORAGE 2-140	8
9	RECP. CORROR 1-203					0.9	1.08				1 30 A	RECP. DATA HALL 8-2-141	10
11	RECP. CORROR 1-203					0.72	1.08				20 A	RECP. DATA HALL 8-2-141	12
13	RECP. EQUIP. PLATFORM					0.72	0.72				1 20 A	RECP. EQUIP. PLATFORM	14
15	RECP. EQUIP. PLATFORM					0.9						RECP. EQUIP. PLATFORM	16
17													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): 4.98 KVA, 4.98 KVA, 3.42 KVA
 FEED THROUGH LUIGS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 4.98 KVA, 4.98 KVA, 3.42 KVA
 TOTAL LOAD (AMPS): 42.1 A, 41.6 A, 29.5 A
 PHASE LOAD BALANCE: 67.6%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
RECP.	12.96 KVA	12.96 KVA	TOTAL CONNECTED LOAD (AMPS): 36 A
			TOTAL CODE LOAD (AMPS): 36 A
			PERCENT LOADED: 35.97%

TOTAL KVA: 12.96 KVA, 12.96 KVA

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

NAME: 8-1-UPS-1-UDP-1

LOCATION: ELEC. ROOM 2-143
 MANS RATING: 400 A
 MAINS TYPE: MCB
 FEED THROUGH LUIGS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1						16.74	16.74				3 70 A		2
3	FWU-4					16.74	16.74				3 70 A	FWU-4	4
5						16.74	16.74				3 70 A		6
7						16.74	16.74				3 70 A		8
9	CDU-4					10.95	10.95				3 50 A	CDU-4	10
11						10.95	10.95				3 50 A		12
13						10.95	10.95				3 50 A		14
15						10.95	10.95				3 50 A		16
17													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): 55.37 KVA, 55.37 KVA, 55.37 KVA
 FEED THROUGH LUIGS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 55.37 KVA, 55.37 KVA, 55.37 KVA
 TOTAL LOAD (AMPS): 199.2 A, 199.2 A, 199.2 A
 PHASE LOAD BALANCE: 100%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
Power	166.1 KVA	166.1 KVA	TOTAL CONNECTED LOAD (AMPS): 200 A
			TOTAL CODE LOAD (AMPS): 200 A
			PERCENT LOADED: 49.95%

TOTAL KVA: 166.1 KVA, 166.1 KVA

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

NAME: 8-1-MSB-1-MDP-1

LOCATION: ELEC. ROOM 2-143
 MANS RATING: 400 A
 MAINS TYPE: MLO
 FEED THROUGH LUIGS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1						16.74	16.74				3 70 A		2
3	FWU-4					16.74	16.74				3 70 A	FWU-4	4
5						16.74	16.74				3 70 A		6
7						16.74	16.74				3 70 A		8
9	CDU-4					10.95	10.95				3 50 A	CDU-4	10
11						10.95	10.95				3 50 A		12
13						10.95	10.95				3 50 A		14
15	CHW-4-8					3.41	3.41				1 15 A	CHW-4-8	16
17													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 LUIGS 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- CSRRMMR LOADS

NAME: 8-2-UPS-1-UDP-1

LOCATION: ELEC. ROOM 2-142
 MANS RATING: 400 A
 MAINS TYPE: MCB
 FEED THROUGH LUIGS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1						16.74	16.74				3 70 A		2
3	FWU-4					16.74	16.74				3 7		