

NAME: 10-3-MSB-1-PNL-1

LOCATION: ELEC. ROOM 2-105
MANS RATING: 125 A
MANS TYPE: MCB
FEED THROUGH LUOS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	LTG CORRDROR DH 10					0.71	0.72				20 A		LTG DH 10 MECH GALLERY	2
3	15 ELEC ROOM DH 10					1.31	1.31	3.05			20 A		EM LTG ELEC ROOM DH 10	4
5	LTG DH 10 ZONE c					1.7	2.5				20 A		EM LTG DH 10 ZONE c	6
7	LTG DH 10 ZONE g					2.5					20 A		EM LTG DH 10 ZONE g	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): 3.54 kVA, 4.26 kVA, 4.29 kVA
FEED THROUGH LUOS LOAD: 0 kVA, 0 kVA, 0 kVA
TOTAL PANEL LOAD (kVA): 3.54 kVA, 4.26 kVA, 4.29 kVA
TOTAL LOAD (AMPS): 13.9 A, 15.6 A, 15.4 A
PHASE LOAD BALANCE: 88.7%

LEGEND
LOAD CLASSIFICATION: CONNECTED LOAD, ESTIMATED DEMAND, PANEL TOTALS
LIGHTING: 11.6 kVA, 14.1 kVA, 14.1 kVA
Other: 0.71 kVA, 0.71 kVA, 0.71 kVA
TOTAL CONNECTED LOAD (AMPS): 13 A
TOTAL CODE LOAD (AMPS): 13 A
PERCENT LOADED: 14.6%

TOTAL kVA: 12.27 kVA, 15.17 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-10-1

LOCATION: ELEC. ROOM 2-104
MANS RATING: 100 A
MANS TYPE: MLO
FEED THROUGH LUOS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	EM LTG DH 10 ZONE e					0.45	0.83				20 A		EM LTG CORRDROR DH 10	2
3	EM LTG DH 10 ZONE k					0.7	1.22				20 A		EM LTG ELEC ROOM DH 10	4
5	EM LTG DH 10 MECH GALLERY					1.1	1.1				20 A		EM LTG DH 10 ZONE g	6
7	EM LTG DH 10 ZONE a&f					1.15					20 A			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): 2.77 kVA, 1.87 kVA, 2.2 kVA
FEED THROUGH LUOS LOAD: 0 kVA, 0 kVA, 0 kVA
TOTAL PANEL LOAD (kVA): 2.77 kVA, 1.87 kVA, 2.2 kVA
TOTAL LOAD (AMPS): 9.9 A, 8.1 A, 8.1 A
PHASE LOAD BALANCE: 83.2%

LEGEND
LOAD CLASSIFICATION: CONNECTED LOAD, ESTIMATED DEMAND, PANEL TOTALS
LIGHTING: 6.9 kVA, 6.9 kVA, 6.9 kVA
Other: 0.63 kVA, 0.63 kVA, 0.63 kVA
TOTAL CONNECTED LOAD (AMPS): 9 A
TOTAL CODE LOAD (AMPS): 9 A
PERCENT LOADED: 9.14%

TOTAL kVA: 6.2 kVA, 7.6 kVA

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

NAME: 10-2-MSB-1-PNL-1

LOCATION: ELEC. ROOM 2-105
MANS RATING: 100 A
MANS TYPE: MCB
FEED THROUGH LUOS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	RECPY. ELEC. ROOM 2-108					1.08	0.72				20 A		RECPY. MECHANICAL 2-108	2
3	RECPY. ELEC. ROOM 2-108					1.08	1.08	0.72			20 A		RECPY. MECHANICAL 2-108	4
5	RECPY. ELEC. ROOM 2-110					1.08	0.54				20 A		RECPY. STORAGE 2-108	6
7	RECPY. ELEC. ROOM 2-111					1.08	0.54				20 A		RECPY. STORAGE 2-108	8
9	RECPY. CORRDROR 1-203					0.54	1.08				20 A		RECPY. DATA HALL 10-2-157	10
11	RECPY. CORRDROR 1-203					0.54	1.08				20 A		RECPY. DATA HALL 10-2-157	12
13	RECPY. EQUIP. PLATFORM					0.72	0.72				20 A		RECPY. EQUIP. PLATFORM	14
15	RECPY. EQUIP. PLATFORM					0.9					20 A		RECPY. 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, 4.32 kVA, 3.24 kVA
FEED THROUGH LUOS LOAD: 0 kVA, 0 kVA, 0 kVA
TOTAL PANEL LOAD (kVA): 4.98 kVA, 4.32 kVA, 3.24 kVA
TOTAL LOAD (AMPS): 41.8 A, 37.4 A, 27.0 A
PHASE LOAD BALANCE: 64.6%

LEGEND
LOAD CLASSIFICATION: CONNECTED LOAD, ESTIMATED DEMAND, PANEL TOTALS
RECPY.: 12.42 kVA, 12.42 kVA, 12.42 kVA
TOTAL CONNECTED LOAD (AMPS): 34 A
TOTAL CODE LOAD (AMPS): 34 A
PERCENT LOADED: 34.47%

TOTAL kVA: 12.42 kVA, 12.42 kVA

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

NAME: 10-1-UPS-1-UDP-1

LOCATION: ELEC. ROOM 2-108
MANS RATING: 400 A
MANS TYPE: MCB
FEED THROUGH LUOS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1						16.74	16.74				70 A			2
3	FWU-10-1					16.74	16.74				70 A		FWU-10-1	4
5						16.74	16.74				70 A			6
7						16.74	16.74				70 A			8
9	CDU-10-1					10.95	10.95				30 A		CDU-10-1	10
11						10.95	10.95				30 A			12
13						10.95	10.95				30 A			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): 55.37 kVA, 55.37 kVA, 55.37 kVA
FEED THROUGH LUOS LOAD: 0 kVA, 0 kVA, 0 kVA
TOTAL PANEL LOAD (kVA): 55.37 kVA, 55.37 kVA, 55.37 kVA
TOTAL LOAD (AMPS): 199.8 A, 199.8 A, 199.8 A
PHASE LOAD BALANCE: 100%

LEGEND
LOAD CLASSIFICATION: CONNECTED LOAD, ESTIMATED DEMAND, PANEL TOTALS
Power: 166.1 kVA, 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- CSNRM/R LOADS

NAME: 10-1-MSB-1-MDP-1

LOCATION: ELEC. ROOM 2-108
MANS RATING: 400 A
MANS TYPE: MLO
FEED THROUGH LUOS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1						16.74	16.74				70 A			2
3	FWU-10-3					16.74	16.74				70 A		FWU-10-1	4
5						16.74	16.74				70 A			6
7						16.74	16.74				70 A			8
9	FWU-10-14					16.74	3.41				15 A		CHW-10-14	10
11						16.74	3.41				15 A			12
13						16.74	3.41				15 A			14
15	CHW-10-4B					3.41	3.41				15 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): 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%

LEGEND
LOAD CLASSIFICATION: CONNECTED LOAD, ESTIMATED DEMAND, PANEL TOTALS
Power: 171.07 kVA, 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: 10-2-UPS-1-UDP-1

LOCATION: ELEC. ROOM 2-109
MANS RATING: 400 A
MANS TYPE: MCB
FEED THROUGH LUOS: No

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

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

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1						16.74	16.74				70 A			2
3	FWU-10-4					16.74	16.74				70 A		FWU-10-1	4
5						16.74	16.74				70 A			6
7						16.74	16.74				7			