

NAME: 9-3-MSB-1-PNL-1

LOCATION: ELEC. ROOM 2-128
 MANS RATING: 125 A
 MANS TYPE: MCB
 FEED THROUGH LUGS: No

FED FROM: VOLTAGE: 480/277 Vyp
 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	LTO DH 9 MECH GALLERY	20A	1	0.72	0.78				1	20A			LTO DH 9 MECH GALLERY	2
3	LTO ELEC ROOM DH9	20A	1	1.76	2.5				1	20A			LTO DH 9 ZONE #	4
5	LTO DH 9 ZONE #	20A	1			1.7	2.5		1	20A			LTO DH 9 ZONE #	6
7	LTO DH 9 ZONE #	20A	1	3.05										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): 4.43 KVA, 4.15 KVA, 4.2 KVA
 FEED THROUGH LUGS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 4.43 KVA, 4.15 KVA, 4.2 KVA
 TOTAL LOAD (AMPS): 19.8 A, 19.8 A, 19.8 A
 PHASE LOAD BALANCE: 0.00%

LEGEND: LIGHTING, Other

PANEL TOTALS: TOTAL CONNECTED LOAD (AMPS): 19.8 A, TOTAL CODE LOAD (AMPS): 19.8 A, PERCENT LOADED: 15.15%

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-3-PNL-9-1

LOCATION: ELEC. ROOM 2-130
 MANS RATING: 100 A
 MANS TYPE: MLO
 FEED THROUGH LUGS: No

FED FROM: VOLTAGE: 480/277 Vyp
 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	EM LTO DH9 MECH GALLERY	20A	1	0.45	0.67				1	20A			EM LTO CORRIDOR DH9	2
3	EM LTO DH9 ZONE #	20A	1	0.7	1.23				1	20A			EM LTO ELEC ROOM DH9	4
5	EM LTO DH9 ZONE #	20A	1	1.1	1.15				1	20A			EM LTO DH 9 ZONE #	6
7	EM LTO DH9 ZONE #	20A	1	1.1										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, 1.88 KVA, 2.25 KVA
 FEED THROUGH LUGS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 2.77 KVA, 1.88 KVA, 2.25 KVA
 TOTAL LOAD (AMPS): 9.8 A, 6.8 A, 8.1 A
 PHASE LOAD BALANCE: 67.56%

LEGEND: LIGHTING, Other

PANEL TOTALS: TOTAL CONNECTED LOAD (AMPS): 9.8 A, TOTAL CODE LOAD (AMPS): 9.8 A, PERCENT LOADED: 9.21%

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

NAME: 9-2-MSB-1-PNL-1

LOCATION: ELEC. ROOM 2-129
 MANS RATING: 100 A
 MANS TYPE: MCB
 FEED THROUGH LUGS: No

FED FROM: VOLTAGE: 120/208 Vyp
 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	RECPY. ELEC. ROOM 2-134	20A	1	1.08	0.72				1	20A			RECPY. MECHANICAL 2-109	2
3	RECPY. ELEC. ROOM 2-133	20A	1	1.08	0.72				1	20A			RECPY. MECHANICAL 2-171	4
5	RECPY. ELEC. ROOM 2-132	20A	1	1.08	0.54				1	20A			RECPY. STORAGE 2-170	6
7	RECPY. ELEC. ROOM 2-131	20A	1	1.08	0.54				1	20A			RECPY. STORAGE 2-170	8
9	RECPY. CORRIDOR 1-203	20A	1	0.9	1.08				1	20A			RECPY. DATA HALL 2-289	10
11	RECPY. CORRIDOR 1-203	20A	1	1.08	1.08				1	20A			RECPY. DATA HALL 2-289	12
13	RECPY. CORRIDOR 1-203	20A	1	0.72	0.72				1	20A			RECPY. EQUIP. PLATFORM	14
15	RECPY. EQUIP. PLATFORM	20A	1	0.72	0.9				1	20A			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, 5.4 KVA, 3.78 KVA
 FEED THROUGH LUGS LOAD: 0 KVA, 0 KVA, 0 KVA
 TOTAL PANEL LOAD (KVA): 4.98 KVA, 5.4 KVA, 3.78 KVA
 TOTAL LOAD (AMPS): 41.8 A, 46.4 A, 37.5 A
 PHASE LOAD BALANCE: 67.91%

LEGEND: RECPY.

PANEL TOTALS: TOTAL CONNECTED LOAD (AMPS): 39.9 A, TOTAL CODE LOAD (AMPS): 39.9 A, PERCENT LOADED: 38.97%

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

NAME: 9-1-UPS-1-UDP-1

LOCATION: ELEC. ROOM 2-134
 MANS RATING: 400 A
 MANS TYPE: MCB
 FEED THROUGH LUGS: 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	70A				2
3	FWU-9-1	70A	3	16.74	16.74				3	70A			FWU-9-1	4
5						16.74	16.74		3	70A				6
7						16.74	16.74		3	70A				8
9	CDU-9-1	90A	3	10.95	10.95				3	90A			CDU-9-1	10
11						10.95	10.95		3	90A				12
13						10.95	10.95		3	90A				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 LUGS 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: Power

PANEL TOTALS: TOTAL CONNECTED LOAD (AMPS): 200 A, TOTAL CODE LOAD (AMPS): 200 A, PERCENT LOADED: 49.95%

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

NAME: 9-1-MSB-1-MDP-1

LOCATION: ELEC. ROOM 2-134
 MANS RATING: 400 A
 MANS TYPE: MLO
 FEED THROUGH LUGS: 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	70A				2
3	FWU-9-3	70A	3	16.74	16.74				3	70A			FWU-9-3	4
5						16.74	16.74		3	70A				6
7						16.74	16.74		3	70A				8
9	FWU-9-14	70A	3	16.74	3.41				3	15A			FWU-9-14	10
11						16.74	3.41		3	15A				12
13						3.41			3	15A				14
15	CHW-9-4B	15A	3	3.41					3	15A			CHW-9-4B	16
17						3.41			3	15A				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 LUGS 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: Power

PANEL TOTALS: TOTAL CONNECTED LOAD (AMPS): 206 A, TOTAL CODE LOAD (AMPS): 206 A, PERCENT LOADED: 34.29%

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

NAME: 9-2-UPS-1-UDP-1

LOCATION: ELEC. ROOM 2-133
 MANS RATING: 400 A
 MANS TYPE: MCB
 FEED THROUGH LUGS: 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	70A				2
3	FWU-9-4	70A	3	16.74	16.74				3	70A			FWU-9-4	4
5						16.74	16.74		3	70A				6
7						16.74	16.74		3	70A				8
9	CDU-9-2	90A	3	10.95	10.95				3	90A			CDU-9-2	10