NEW PANEL: MDP

SQD MFGR

VOLTAGE: 120 / 208 — 3 PHASE — 4 WIRE — I-Line TYPE
MOUNTING: SURFACE — 800 AMP — MAIN CIRCUIT BREAKER — 22,000 AIC

LOAD KVA	LOAD SERVED	WIRE	TRIP	FRAME (Note 1)	CKT NO	CKT NO	FRAME (Note 1)	TRIP	WIRE	LOAD SERVED	LOAD KVA
27.05		SR							6		0.00
25.28	PANEL "R"	SR	250		1	2		30	6	SPD	0.00
26.92		SR							6	(NOTE 7)	0.00
35.54		SR									0.00
33.13	PANEL "M"	SR	400		3	4		225		SPARE	0.00
32.25		SR								(FUTURE EXPANSION)	0.00
0.00											0.00
0.00	SPACE ONLY				5	6		225		SPARE	0.00
0.00											0.00
0.00											0.00
0.00	SPACE ONLY				7	8				SPACE ONLY	0.00
0.00											0.00
0.00											0.00
0.00	SPACE ONLY				9	10				SPACE ONLY	0.00
0.00											0.00
0.00											0.00
0.00	SPACE ONLY				11	12				SPACE ONLY	0.00
0.00											0.00
0.00											0.00
0.00	SPACE ONLY				13	14				SPACE ONLY	0.00
0.00											0.00
180.2	SUB-TOTALS										0.0

LOAD	KVA	TOTAL LOAD PER PHASE:		
LIGHTS	9.1	CONNECTED		
HEATING	10.6	A =	52.6 KVA	521.2 A
COOLING	81.2	B =	56.5 KVA	486.8 A
VENTILATION	5.3	C =	59.2 KVA	492.5 A
MOTORS	1.5	DEMAND		
KITCHEN	0.0	A =	54.0 KVA	450.0 A
RECEPTACLES	56.6	B =	51.5 KVA	429.0 A
WATER HEATER	1.4	C =	51.4 KVA	427.7 A
MISC.	13.7	DEMAND @ 125%		
SPARE	0.7	A =	67.6 KVA	562.5 A
TOTAL (CONNECTED)	180.2	B =	64.4 KVA	536.3 A
TOTAL (DEMAND)	156.9	C =	64.2 KVA	534.8 A

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. PROVIDE "ALL MODES" SPD (40KA / MODE, 80KA / PHASE).

NEW PANEL: M — SECTION 1

SQD MFGR

VOLTAGE: 120 / 208 — 3 PHASE — 4 WIRE — NQOD TYPE
MOUNTING: SURFACE — 400 AMP — MAIN LUGS ONLY — 22,000 AIC

LOAD KVA	LOAD SERVED	WIRE	TRIP	NOTES	CKT NO	CKT NO	NOTES	TRIP	WIRE	LOAD SERVED	LOAD KVA
2.20	CU-1	10	30		1	2		15	12	EWH-1 (SPRINKLER ROOM 151)	1.00
2.20		10			3	4			12		1.00
3.03	CU-2	8	40		5	6		15	12	EWH-2 (MECHANICAL 104)	1.00
3.03		8			7	8			12		1.00
2.20	CU-3	10	30		9	10		15	12	EWH-3 (MECHANICAL 146)	1.00
2.20		10			11	12			12		1.00
2.20	CU-4	10	30		13	14		25	10	ERV-1 (MEZZANINE)	1.65
2.20		10			15	16			10		1.85
4.03	CU-5	4	60		17	18		15	12	ODU-1 (ROOF)	1.36
4.03		4			19	20			12	(A/C-1 (IT 125))	1.36
4.03	CU-6	4	60		21	22		15	12	EWH-4 (EXTERIOR STORAGE 2)	1.00
4.03		4			23	24			12		1.00
4.03	CU-7	4	60		25	26		15	12	EWH-5 (MEZZANINE)	1.00
4.03		4			27	28			12		1.00
3.03	CU-8	8	40		29	30		30	10	ODU-2(ROOF) & A/C-2	1.14
3.03		8			31	32			10		1.14
4.03	CU-9	4	60		33	34		15	12	IFH-2 (GARAGE 138)	0.32
4.03		4			35	36				SPACE ONLY	0.00
2.20	CU-10	10	30		37	38				SPACE ONLY	0.00
2.20		10			39	40				SPACE ONLY	0.00
0.32	IFH-1 (SALLY 139)	12	15		41	42				SPACE ONLY	0.00
62.3	SUB-TOTALS										19.0

LOAD	KVA	TOTAL LOAD PER PHASE:		
LIGHTS	0.0	CONNECTED		
HEATING	10.6	A =	35.5 KVA	295.9 A
COOLING	81.2	B =	33.2 KVA	276.3 A
VENTILATION	5.3	C =	32.3 KVA	268.6 A
MOTORS	1.5	DEMAND		
KITCHEN	0.0	A =	35.5 KVA	295.9 A
RECEPTACLES	0.0	B =	33.2 KVA	276.3 A
WATER HEATER	1.4	C =	32.3 KVA	268.6 A
MISC.	0.9	DEMAND @ 125%		
SPARE	0.0	A =	44.4 KVA	369.9 A
TOTAL (CONNECTED)	101.0	B =	41.5 KVA	345.4 A
TOTAL (DEMAND)	101.0	C =	40.3 KVA	335.8 A

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. PROVIDE BREAKER WITH HANDLE LOCK-ON DEVICE.
8. PROVIDE FEED-THRU LUGS.
9. LOAD TOTAL INCLUDES FEED-THRU SECTIONS.
10. REFER TO MECHANICAL CONNECTION SCHEDULES FOR DETAILS.

NEW PANEL: M — SECTION 2

SQD MFGR

VOLTAGE: 120 / 208 — 3 PHASE — 4 WIRE — NQOD TYPE
MOUNTING: SURFACE — 400 AMP — MAIN LUGS ONLY — 22,000 AIC

LOAD KVA	LOAD SERVED	WIRE	TRIP	NOTES	CKT NO	CKT NO	NOTES	TRIP	WIRE	LOAD SERVED	LOAD KVA
1.07	IDU-1 (MEZZANINE)	SP	15		43	44		20	12	FANS F-1,2	1.40
1.66	IDU-2 (MEZZANINE)	SP	20		45	46		20	12	FANS F-3,4,5,6,7,8	0.24
1.07	IDU-3 (MEZZANINE)	SP	15		47	48		15	12	WH1 / RCP1 (MECHANICAL 104)	0.70
1.07	IDU-4 (MEZZANINE)	SP	15		49	50		15	12	WH2 / RCP2 (EXT STORAGE 10)	0.70
1.66	IDU-5 (MECHANICAL 104)	SP	20		51	52		20	12	GARAGE ROLLUP DOOR	0.50
1.66	IDU-6 (JANITOR 122)	SP	20		53	54		20	12	GARAGE ROLLUP DOOR	0.50
1.66	IDU-7 (JANITOR 122)	SP	20		55	56		20	12	WHEELCHAIR LIFT	0.50
1.66	IDU-8 (CASH STORAGE 135)	SP	20		57	58		20	12	EVIDENCE LAB DRYER	0.40
1.66	IDU-9 (CASH STORAGE 135)	SP	20		59	60		20	12	MECHANICAL CONTROLS	0.50
1.07	IDU-10 (CASH STORAGE 135)	SP	15		61	62		20		SPARE	0.00
0.00	SPARE		15		63	64		20		SPARE	0.00
0.00	SPARE		15		65	66		20		SPARE	0.00
0.00	SPARE		15		67	68		20		SPARE	0.00
0.00	SPARE		15		69	70		20		SPARE	0.00
0.00	SPARE		20		71	72		20		SPARE	0.00
0.00	SPARE		20		73	74		20		SPARE	0.00
0.00	SPARE		20		75	76		20		SPARE	0.00
0.00	SPARE		20		77	78		20		SPARE	0.00
0.00	SPACE ONLY				79	80				SPACE ONLY	0.00
0.00	SPACE ONLY				81	82				SPACE ONLY	0.00
0.00	SPACE ONLY				83	84				SPACE ONLY	0.00
14.2	SUB-TOTALS										5.4

LOAD	KVA	TOTAL LOAD PER PHASE:		
LIGHTS	0.0	CONNECTED		
HEATING	0.0	A =	7.5 KVA	62.2 A
COOLING	14.2	B =	6.1 KVA	51.0 A
VENTILATION	1.6	C =	6.1 KVA	50.7 A
MOTORS	1.5	DEMAND		
KITCHEN	0.0	A =	7.5 KVA	62.2 A
RECEPTACLES	0.0	B =	6.1 KVA	51.0 A
WATER HEATER	1.4	C =	6.1 KVA	50.7 A
MISC.	0.9	DEMAND @ 125%		
SPARE	0.0	A =	9.3 KVA	77.8 A
TOTAL (CONNECTED)	19.7	B =	7.7 KVA	63.7 A
TOTAL (DEMAND)	19.7	C =	7.6 KVA	63.4 A

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. PROVIDE FEED-THRU LUGS.
8. REFER TO MECHANICAL CONNECTION SCHEDULES FOR DETAILS.
9. SP- DENOTES SEE PLANS FOR WIRE SIZE.

NEW PANEL: R — SECTION 1

SQD MFGR

VOLTAGE: 120 / 208 — 3 PHASE — 4 WIRE — NQOD TYPE
MOUNTING: SURFACE — 250 AMP — MAIN LUGS ONLY — 22,000 AIC

LOAD KVA	LOAD SERVED	WIRE	TRIP	NOTES	CKT NO	CKT NO	NOTES	TRIP	WIRE	LOAD SERVED	LOAD KVA
0.90	REC - VEST 101, LOBBY 101	12	20		1	2		20	12	REC - RECPRDS/DISPATCH 105	1.08
0.38	REC - TOILET 106, 107	12	20		3	4		20	12	REC - RECPRDS/DISPATCH 105	1.08
1.08	REC - FUTURE OFFICE 109	12	20		5	6		20	12	REC - RECPRDS/DISPATCH 105	1.08
1.08	REC - DEPUTY CHIEF 110	12	20		7	8		20	12	REC - CHIEF 113	1.08
0.50	EWC - LOBBY 101	12	20	9	9	10		20	12	REC - MEN 126, WOM 126, JAN122	0.90
1.20	REC - COPIER - WORK/BRK 120	12	20		11	12		20	12	REC - CONF 119	0.90
0.16	REC - WORK/BRK 120 - COFFEE	12	20		13	14		20	12	REC - CONF 119	1.26
0.50	REC - WORK/BRK 120	12	20		15	16		20	12	REC - PATROL 118, CONF 119	1.44
1.00	FRIDGE - WORK/BRK 120	12	20	9	17	18		20	12	REC - INVEST CAPTAIN 115	1.08
1.08	REC -DISP 105, REC 108, INT 123	12	20		19	20		20	12	REC - PATROL BULL PEN 127	1.08
1.08	REC - SARG/LIET BULL PEN 128	12	20		21	22		20	12	REC - PATROL BULL PEN 127	1.08
1.08	REC - SARG/LIET BULL PEN 128	12	20		23	24		20	12	REC - PATROL BULL PEN 127	0.72
1.08	REC - SARG/LIET BULL PEN 128	12	20		25	26		30	12	REC - PATROL BULL PEN 127	1.26
1.00	REC - IT 125	12	20	10	27	28		20	12	REC - DETECTIVES BULL PEN 129	1.08
1.00	REC - IT 125	12	20	10	29	30		20	12	REC - DETECTIVES BULL PEN 129	1.08
1.00	REC - IT 125	12	20	10	31	32		20	12	REC - DETECTIVES BULL PEN 129	1.08
1.00	REC - IT 125	12	20	10	33	34		20	12	REC - GARAGE 138, SALLY 139	0.72
1.08	REC - CORRIDOR 125, 145,149	12	20		35	36		20	12	REC - EVIDENCE LAB 136	0.72
0.36	REC - MECH 146, ELEC 147	12	20		37	38		20	12	REC - 135, 136, 137, 132	0.90
0.72	REC - 140, 141, 143, 148	12	20		39	40		20	12	REC - 131, 132, 134	0.72
1.00	REC - COPIER - INTAKE 141	12	20		41	42		20	12	REC - ROOFTOP GFI	0.54
18.3	SUB-TOTALS										20.9

LOAD	KVA	TOTAL LOAD PER PHASE:		
LIGHTS	9.1	CONNECTED		
HEATING	0.0	A =	37.1 KVA	225.2 A
COOLING	0.0	B =	25.3 KVA	210.5 A
VENTILATION	0.0	C =	26.9 KVA	224.2 A
MOTORS	0.0	DEMAND		
KITCHEN	0.0	A =	18.5 KVA	154.1 A
RECEPTACLES	56.6	B =	18.3 KVA	152.7 A
WATER HEATER	0.0	C =	19.1 KVA	159.0 A
MISC.	12.8	DEMAND @ 125%		
SPARE	0.7	A =	23.1 KVA	192.6 A
TOTAL (CONNECTED)	79.3	B =	22.9 KVA	190.9 A
TOTAL (DEMAND)	55.9	C =	23.9 KVA	198.8 A

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. PROVIDE FEED-THRU LUGS.
8. LOAD TOTAL INCLUDES FEED-THRU SECTIONS.
9. PROVIDE CLASS A GFI (6mA-PERSONNEL) BRKR (250' MAX)
10. PROVIDE BREAKER WITH HANDLE LOCK-ON DEVICE.

NEW PANEL: R — SECTION 2

SQD MFGR

VOLTAGE: 120 / 208 — 3 PHASE — 4 WIRE — NQOD TYPE
MOUNTING: SURFACE — 250 AMP — MAIN LUGS ONLY — 22,000 AIC

LOAD KVA	LOAD SERVED	WIRE	TRIP	NOTES	CKT NO	CKT NO	NOTES	TRIP	WIRE	LOAD SERVED	LOAD KVA
1.44	REC - WALL - TRAINING 102	12	20		43	44		20	12	REC - FLOOR - TRAINING 102	1.08
1.00	REC - WALL - TRAINING 102	12	20		45	46		20	12	REC - FLOOR - TRAINING 102	1.08
1.44	REC - WALL - TRAINING 102	12	20		47	48		20	12	REC - FLOOR - TRAINING 102	1.08
1.00	PROJECTOR - TRAINING 102	12	20		49	50		20	12	REC - FLOOR - TRAINING 102	1.08
0.54	REC - MECH 104,SPRINKLER 151	12	20		51	52		20	12	REC - FLOOR - TRAINING 102	1.08
0.54	REC - VIDEO WORKSTATION 39	12	20		53	54		20	12	REC - VEST114,CORR150	0.72
1.08	REC - CORR 12,JAN 31,STOR 38	12	20		55	56		30	10	GENERATOR BLOCK HEATER	1.00
1.08	REC - TOIL/LOCKER 21,27,29,34	12	20		57	58			10		1.00
0.54	REC - ARMORY 23, PRIVATE 36	12	20		59	60		20	10	GENERATOR BATT CHARGER	1.00
1.08	REC-CORR12,BRK13,STOR14,24	12	20		61	62		20	10	GENERATOR RECEPTACLE	0.18
0.50	REC - VENDING 18	12	20	9	63	64	9	20	12	EWC - CORRIDOR 12	0.50
0.50	REC - VENDING 18	12	20	9	65	66		20	12	REC - FITNESS11,CORR12,BRK13	1.06
0.50	REC - VENDING 18	12	20	9	67	68		20	12	REC - FITNESS 11	0.54
0.50	REC - ICE 18	12	20	9	69	70		20	12	REC - FITNESS 11	0.90
1.00	REC - FRIDGE - BRK RM 13	12	20	9	71	72		20	12	REC - EXTERIOR GFI	0.54
0.50	REC - DISHWASHER - BRK RM 13	12	20	9	73	74		20	12	REC - MEZZANINE	0.36
0.50	REC - COFFEE - BRK RM 13	12	20		75	76		20	10	GATE MOTOR (9024)	0.30
0.50	REC - BRK RM 13	12	20		77	78		20	10	GATE MOTOR (9024)	0.30
0.30	FIRE ALARM CIRCUIT	12	20	10,11	79	80		20	10	GENERATOR LIGHTS	0.30
0.30	LIGHTING CONTACTOR	12	20		81	82		20	10	REC - EXTERIOR GFI	0.72
0.30	GATE MOTOR (6524)	10	20		83	84		20	10	GATE MOTOR (6524)	0.30
15.1	SUB-TOTALS										15.1

LOAD	KVA	TOTAL LOAD PER PHASE:		
LIGHTS	0.3	CONNECTED		
HEATING	0.0	A =	10.4 KVA	86.9 A
COOLING	0.0	B =	10.0 KVA	83.3 A
VENTILATION	0.0	C =	9.8 KVA	81.9 A
MOTORS	0.0	DEMAND		
KITCHEN	0.0	A =	8.2 KVA	67.9 A
RECEPTACLES	22.2	B =	8.0 KVA	66.4 A
WATER HEATER	0.0	C =	8.1 KVA	67.2 A
MISC.	7.8	DEMAND @ 125%		
SPARE	0.0	A =	10.2 KVA	84.6 A
TOTAL (CONNECTED)	30.3	B =	10.0 KVA	82.9 A
TOTAL (DEMAND)	24.2	C =	10.1 KVA	84.0 A

NOTES:
1. BREAKER FRAME SHALL BE AS REQ'D PER PANEL AIC RATING.
2. SHALL BE FULLY RATED - SERIES RATINGS NOT ALLOWED.
3. ALL BUSSING, INCL GND AND NEUTRAL, SHALL BE COPPER.
4. ALL INCOMING PANEL & BRKR LUGS SHALL MATCH FEEDERS.
5. PROVIDE HINGED DOOR-IN-DOOR WITH OUTER DOOR LOCK.
6. PROVIDE METAL DIRECTORY FRAME.
7. PROVIDE FEED-THRU LUGS.
8. LOAD TOTAL INCLUDES FEED-THRU SECTIONS.
9. PROVIDE CLASS A GFI (6mA-PERSONNEL) BRKR (250' MAX).
10. PROVIDE BREAKER WITH RED HANDLE.
11. PROVIDE BREAKER WITH HANDLE LOCK-ON DEVICE.

NEW PANEL: R — SECTION 3

SQD MFGR

VOLTAGE: 120 / 208 — 3 PHASE — 4 WIRE — NQOD TYPE
MOUNTING: SURFACE — 250 AMP — MAIN LUGS ONLY — 22,000 AIC

LOAD KVA	LOAD SERVED	WIRE	TRIP	NOTES	CKT NO	CKT NO	NOTES	TRIP	WIRE	LOAD SERVED	LOAD KVA
0.79	LIGHTS	12	20		85	86		20		SPARE	0.00
0.56	LIGHTS	12	20		87	88		20		SPARE	0.00
0.43	LIGHTS	12	20		89	90		20		SPARE	0.00
0.64	LIGHTS	12	20		91	92		20		SPARE	0.00
0.94	LIGHTS	12	20		93	94		20		SPARE	0.00
1.27	LIGHTS	12	20		95	96		20		SPARE	0.00
0.56	LIGHTS	12	20		97	98		20		SPARE	0.00
0.78	LIGHTS	12	20		99	100		20		SPARE	0.00
0.62	LIGHTS	12	20		101	102		20		SPARE	0.00
0.50	LIGHTS	12	20		103	104		20		SPARE	0.00
0.50	LIGHTS	12	20		105	106		20		SPARE	0.00
0.70	EXTERIOR LIGHTS	12	20		107	108		20		SPARE	0.00
0.18	EXTERIOR LIGHTS	12	20		109	110		20		SPARE	0.00
0.32	MEZZANINE LIGHTS	12	20		111	112		20		SPARE	0.00
0.50	FIRE SERVICE BACKFLOW	12	20		113	114		20		SPARE	0.00
0.50	DOMESTIC BACKFLOW	12	20		115	116		20		SPARE	0.00
0.00	SPARE		20		117	118		20		SPARE	[illegible]
0.00	SPARE		20		119	120		20		[illegible]	[illegible]
0.00	SPARE		20		121	122		20		[illegible]	[illegible]
0.00	SPARE		20		123	124		20		[illegible]	[illegible]
0.00	SPARE		20		125	126		[illegible]		[illegible]	[illegible]
9.8	SUB-TOTALS										0.0

LOAD	KVA	TOTAL LOAD PER PHASE:		
LIGHTS	8.8	CONNECTED		
HEATING	0.0	A =	3.2 KVA	[illegible]
COOLING	0.0	B =	3.1 KVA	25.8 A
VENTILATION	0.0	C =	3.5 KVA	29.3 A
MOTORS	0.0	DEMAND		
KITCHEN	0.0	A =	3.2 KVA	26.6 A
RECEPTACLES	0.0	B =	3.1 KVA	25.6 A
WATER HEATER	0.0	C =	3.5 KVA	29.3 A
MISC.	1.0	DEMAND @ 125%		
SPARE	0.0	A =	[illegible]	[illegible]
TOTAL (CONNECTED)	9.8	B =	[illegible]	[illegible]
TOTAL (DEMAND)	[illegible]	C =	[illegible]	[illegible]

NOTES:
1. BRE[illegible] SHALL [illegible] AS REQ'D PER PANEL A[illegible] RATING.
2. SHALL [illegible] RATED [illegible] SERIES RATINGS NOT [illegible]
3. ALL BU[illegible] NEUTRAL, SHALL BE COPPER.
4. ALL INC[illegible] LUGS SHALL MATCH FEEDERS.
5. [illegible] OR WITH OUTER DOOR LOCK.
6. [illegible] TAL DIRECTOR[illegible]

WATER HEATER SCHEDULE - GAS FIRED

SYMBOL	DESCRIPTION	DISCONNECT	FEEDER
WH[illegible]	GAS FIRED WATER HEATER	MANUAL MOTOR STARTER	2#12,1#12G,3/4"C.
[illegible]	GAS FIRED WATER HEATER	MANUAL MOTOR STARTER	2#12,1#12G,3/4"C.

HW CIRCULATION PUMP SCHEDULE

SYMBOL	ELECTRICAL DATA HP	VOLTS	PH	HZ	DISCONNECT	FEEDER
RCP1	1/24	120	1	60	MANUAL MOTOR STARTER	2#12,1#12G,3/4"C.
RCP2	1/24	120	1	60	MANUAL MOTOR STARTER	2#12,1#12G,3/4"C.

VARIABLE SPEED CONDENSING FURNACE SCHEDULE

SYMBOL	FAN MOTOR H.P.	FAN MOTOR FLA	ELECTRICAL DATA MCA	FUSE	VOLTAGE	DISCONNECT	FEEDER
IDU-1	1/2	7.7	8.9	15	120V-1ø	30/F15-1P	2#12,1#12G,3/4"C.
IDU-2	1	12.8	13.8	20	120V-1ø	30/F20-1P	
IDU-3	1/2	7.7	8.9	15	120V-1ø	30/F15-1P	
IDU-4	1/2	7.7	8.9	15	120V-1ø	30/F15-1P	
IDU-5	1	12.8	13.8	20	120V-1ø	30/F20-1P	
IDU-6	1	12.8	13.8	20	120V-1ø	30/F20-1P	
IDU-7	1	12.8	13.8	20	120V-1ø	30/F20-1P	
IDU-8	1	12.8	13.8	20	120V-1ø	30/F20-1P	
IDU-9	1	12.8	13.8	20	120V-1ø	30/F20-1P	
IDU-10	1/2	7.7	8.9	15	120V-1ø	30/F15-1P	

FAN SCHEDULE

SYMBOL	LOCATION	ELECTRICAL DATA WATTS	H.P.	VOLTAGE	DISCONNECT	FEEDER
F-1	SALLYPORT		1/4	120V-1ø	MANUAL MOTOR STARTER (BY M.C.)	2#12,1#12G,3/4"C.
F-2	SALLYPORT		1/4	120V-1ø	MANUAL MOTOR STARTER (BY M.C.)	
F-3	WOMEN 126	83	–	120V-1ø	MANUAL MOTOR STARTER (BY M.C.)	
F-4	TOILET 143	17	–	120V-1ø	MANUAL MOTOR STARTER (BY M.C.)	
F-5	DRUG STOR 131	17	–	120V-1ø	MANUAL MOTOR STARTER (BY M.C.)	
F-6	MEN 124	83	–	120V-1ø	MANUAL MOTOR STARTER (BY M.C.)	
F-7	TOILET 107	17	–	120V-1ø	MANUAL MOTOR STARTER (BY M.C.)	
F-8	TOILET 106	17	–	120V-1ø	MANUAL MOTOR STARTER (BY M.C.)	

2-SPEED CONDENSING UNIT SCHEDULE (AIR COOLED)

SYMBOL	COMPRESSOR LRA	COMPRESSOR RLA	FAN FLA	ELECTRICAL DATA MCA	FUSE	VOLTAGE	DISCONNECT	FEEDER
CU-1	83.0	15.3	2.0	21.1	30	208V-1ø	[illegible]/F30-2P-[illegible]	2#[illegible],1#10G,3/4"C.
CU-2	104.0	21.2	2.7	29.2	40	20[illegible]V-1ø	[illegible]/F40-2P-[illegible]	2#8,1#10G,3/4"C.
CU-3	83.0	15.3	2.0	21.1	30	20[illegible]-1ø	30/[illegible]0-2P-3R	2#10,1#10G,3/4"C.
CU-4	83.0	15.3	[illegible]	21.1	30	208V-[illegible]	30/F[illegible]-2P-3R	2#10,1#10G,3/4"C.
CU-5	152.9	28.8	[illegible]	38.7	60	208V-[illegible]	60/F6[illegible]-2P-3R	2#4,1#10G,3/4"C.
CU-6	152.9	[illegible]8.8	2.[illegible]	38.7	60	208V-1[illegible]	60/F60-2P-3R	2#4,1#10G,3/4"C.
CU-7	152.9	[illegible]8.8	2.7	[illegible]8.7	60	208V-1ø	60/F60-2P-3R	2#4,1#10G,3/4"C.
CU-8	104.0	[illegible]	2.7	[illegible]2	40	20[illegible]V-1ø	60/F40-2P-3R	2#8,1#10G,3/4"C.
CU-9	152.9	28.[illegible]	2.7	[illegible]	60	208V-1ø	60/F60-2P-3R	2#4,1#10G,3/4"C.
[illegible]	[illegible]	15.[illegible]	2.0	21[illegible]	[illegible]	208V-1ø	30/F30-2P-3R	2#10,1#10G,3/4"C.

ENERGY RECOVERY VENTILATOR SCHEDULE

SYMBOL	LOCATION	POWER MCA	MOCP	VOLTAGE	DISCONNECT	FEEDER
ERV-[illegible]	M[illegible]ZANINE	17.7	25.0	208V-1ø	30/F25-2P	2#10,1#10G,3/4"C.

ELECTRIC HEATER SCHEDULE

SYMBOL	KW	MOTOR R.P.M.	MOTOR H.P.	VOLTAGE	DISCONNECT	FEEDER
EWH-1	2.0	--	--	208V-1ø	PROVIDED BY M.C.	2#12,1#12G,3/4"C.
EWH-2	2.0	--	--	208V-1ø	PROVIDED BY M.C.	2#12,1#12G,3/4"C.
EWH-3	2.0	--	--	208V-1ø	PROVIDED BY M.C.	2#12,1#12G,3/4"C.
EWH-4	2.0	--	--	208V-1ø	PROVIDED BY M.C.	2#12,1#12G,3/4"C.
EWH-5	2.0	--	--	208V-1ø	PROVIDED BY M.C.	2#12,1#12G,3/4"C.

INFRARED RADIANT HEATER SCHEDULE

SYMBOL	ELECTRICAL DATA FLA	VOLTAGE	DISCONNECT	FEEDER
IFH-1	2.6	120V-1ø	MANUAL MOTOR STARTER	2#12,1#12G,3/4"C.
IFH-2	2.6	120V-1ø	MANUAL MOTOR STARTER	2#12,1#12G,3/4"C.

DUCTLESS SPLIT SYSTEMS (DX COOLING ONLY)

INDOOR UNIT

SYMBOL	ELECTRICAL DATA FAN FLA	MCA	VOLTAGE	DISCONNECT	FEEDER
A/C-1	0.33	1.0	208V-1ø	30A/F15-2P	2#12,1#12G,3/4"C

OUTDOOR UNIT

SYMBOL	ELECTRICAL DATA MCA	FUSE	VOLTAGE	DISCONNECT	FEEDER
ODU-1	13	15	208V-1ø	30A/F15-2P-3R	2#12,1#12G,3/4"C

NOTES:
1. POWER SUPPLY TO CONDENSING UNIT IS A SINGLE POINT ELECTRICAL CONNECTION FOR THE SYSTEM (A/C UNIT AND CONDENSING UNIT). THE ELECTRICAL CONTRACTOR SHALL PROVIDE POWER TO THE CONDENSING UNIT AND FROM THE CONDENSING UNIT TO THE A/C UNIT INCLUDING CODE REQUIRED DISCONNECT SWITCHES.

DUCTLESS SPLIT SYSTEMS (HEAT PUMP)

INDOOR UNIT

SYMBOL	ELECTRICAL DATA FAN FLA	MCA	VOLTAGE	DISCONNECT	FEEDER
A/C-2	0.36	1.0	208V-1ø	30A/F15-2P	2#12,1#12G,3/4"C

OUTDOOR UNIT

SYMBOL	ELECTRICAL DATA MCA	FUSE	VOLTAGE	DISCONNECT	FEEDER
ODU-2	11	30	208V-1ø	30A/F30-2P-3R	2#10,1#10G,3/4"C

NOTES:
1. POWER SUPPLY TO CONDENSING UNIT IS A SINGLE POINT ELECTRICAL CONNECTION FOR THE SYSTEM (A/C UNIT AND CONDENSING UNIT). THE ELECTRICAL CONTRACTOR SHALL PROVIDE POWER TO THE CONDENSING UNIT AND FROM THE CONDENSING UNIT TO THE A/C UNIT INCLUDING CODE REQUIRED DISCONNECT SWITCHES.

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RENOVATION AND ADDITION FOR

ABERDEEN POLICE DEPARTMENT

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 23464 BRIAN E. THOMPSON 10/25/2019

PANEL SCHEDULES

DATE: 10/25/2019
PROJECT NO: 18062

REVISIONS
NO: DATE: DESCRIPTION:

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