

LIGHTING FIXTURE SCHEDULE

Type Mark	DESCRIPTION	MANUFACTURER	MODEL	VOLTS	NOTES
A1	2x4 VOLUME TRIC PENDANT SURFACE LED	LITHONIA	2BLTX4-40L-ADP-EZ1-LP835	120V	PROVIDE PENDANT MOUNT EXCEPT FOR HARD CLGS
A1E	2x4 VOLUME TRIC PENDANT SURFACE LED	LITHONIA	2BLTX4-40L-ADP-EZ1-LP835	120V	PROVIDE PENDANT MOUNT EXCEPT FOR HARD CLGS
A2	2x4 VOLUME TRIC RECESSED LED	LITHONIA	2BLT4-40L-ADP-EZ1-LP835-EL14L	120V	
A2E	2x4 VOLUME TRIC RECESSED LED	LITHONIA	2BLT4-40L-ADP-EZ1-LP835-EL14L	120V	
D1	8" DOWNLIGHT LED	LITHONIA	LDNB-3550L08AR-LSS-MVOLT-G21-PM	120V	PROVIDE STEM MOUNT @ 90° AFF
D3	8" DOWNLIGHT LED PENDANT	LITHONIA	LDNB-3550L08AR-LSS-MVOLT-G21-PM-EL	120V	
D3E	8" DOWNLIGHT LED PENDANT	LITHONIA	LDNB-3550L08AR-LSS-MVOLT-G21-PM-EL	120V	
F1	4" LINEAR LED	LITHONIA	CLL4-48-500LM-SEF-WDL-MVOLT-G21-35-K-80CR1	120V	
F2	SURFACE MT DETENTION LED	KENALL	SSA 41 67L40K DCC 120 17 1 LEL	120V	
W1	WALLPACK LED	LITHONIA	OLWXX2LED-150W-5K-DOB	120V	
X1	EDGE LT LED EXIT SIGN	LITHONIA	LRP-1RC-120Z77-ELN	120V	
X2	EDGE LT LED EXIT SIGN	LITHONIA	LRP-1RC-120Z77-ELN	120V	

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

Mark	Description	VOLTS	PHASE	HP	KW	FLA	MCA	MOC	CONDUCTOR/CONDUIT SIZE	DISCONNECT	DISC. BY	PANEL CKT
CAHU-1	Ductless Split System Indoor	208	1		0.043	1 A			2#12, #12G, 1/2" C			LA-32,34
CCU-1	Ductless Split System Outdoor	208	1		1.9	10 A			2#12, #12G, 1/2" C			PB-15,17
COAU-4	Heavy-Duty Wall Heater	208	1									
EF-1	Ceiling Exhaust Fan	120	1	1	NA	2 A			2#12, #12G, 1/2" C	MRS	EC	LA-6
EF-2	Ceiling Exhaust Fan	120	1	1	NA	2 A			2#12, #12G, 1/2" C	MRS	EC	LA-6
EF-3	Ceiling Exhaust Fan	120	1	1	NA	1 A			2#12, #12G, 1/2" C	MRS	EC	LA-4
EF-4	Ceiling Exhaust Fan	120	1	1	NA	2 A			2#12, #12G, 1/2" C	MRS	EC	LA-4
EF-5	Ceiling Exhaust Fan	120	1	1	NA	5 A			2#12, #12G, 1/2" C	MRS	EC	LC-24
EF-6	Ceiling Exhaust Fan	120	1	1	NA	5 A			2#12, #12G, 1/2" C	MRS	EC	LC-24
EF-7	Ceiling Exhaust Fan	120	1	1	NA	2 A			2#12, #12G, 1/2" C	MRS	EC	LB-1
EF-8	Ceiling Exhaust Fan	120	1	1	NA	5 A			2#12, #12G, 1/2" C	MRS	EC	LC-32
EF-9	Propeller Hooded Roof Direct Drive Exhaust Fan	120	1	25	NA	6 A			2#12, #12G, 1/2" C	MRS	EC	LA-27
EF-10	Propeller Hooded Roof Direct Drive Exhaust Fan	120	1	25	NA	6 A			2#12, #12G, 1/2" C	MRS	EC	LB-33
EF-11	Propeller Hooded Roof Direct Drive Exhaust Fan	120	1	5	NA	10 A			2#12, #12G, 1/2" C	MRS	EC	LA-29
EF-12	Propeller Hooded Roof Direct Drive Exhaust Fan	120	1	2	NA	1 A			2#12, #12G, 1/2" C	MRS	EC	GEN-1
EF-13	Propeller Hooded Roof Direct Drive Exhaust Fan	120	1	2	NA	1 A			2#12, #12G, 1/2" C	MRS	EC	GEN-1
EF-14	Ceiling Exhaust Fan	120	1	2	NA	1 A			2#12, #12G, 1/2" C	MRS	EC	LC-10
EF-15	Ceiling Exhaust Fan	120	1	2	NA	2 A			2#12, #12G, 1/2" C	MRS	EC	LA-2
EF-16	Direct Drive Centrifugal Roof Exhaust Fan	120	1	5	NA	4 A			2#12, #12G, 1/2" C	MRS	EC	LB-31
EF-17	Ceiling Exhaust Fan	120	1	2	NA	2 A			2#12, #12G, 1/2" C	MRS	EC	LA-2
EW-1	Heavy-Duty Wall Heater	208	1	NA	2	10 A	13A	22A	2#12, #12G, 1/2" C	INTEGRAL	FWE	PA-5,7
EW-2	Heavy-Duty Wall Heater	208	1	NA	2	10 A	13A	22A	2#12, #12G, 1/2" C	INTEGRAL	FWE	PA-8
PIU-1-1	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	10	35 A	43 A	45 A	3#8, #10N, #10G, 1" C	60/3N1NF	EC	LC-36,38
PIU-1-2	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	10	35 A	43 A	45 A	3#8, #10N, #10G, 1" C	60/3N1NF	EC	LC-37,39
PIU-1-3	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	6	18 A	23 A	25 A	3#10, #10N, #10G, 3/4" C	30/3N1NF	EC	LA-15,17
PIU-1-4	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	1	NA	2.5	14 A	17 A	20 A	2#12, #12N, #12G, 1/2" C	30/3N1NF	EC	LA-16
PIU-1-5	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	6.5	22 A	28 A	30 A	3#10, #10N, #10G, 3/4" C	30/3N1NF	EC	LA-18,20,22
PIU-1-6	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	1	NA	3.5	18 A	24 A	25 A	2#12, #12N, #12G, 1/2" C	30/3N1NF	EC	LA-19,21
PIU-1-7	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	14	46 A	57 A	60 A	3#10, #10N, #10G, 3/4" C	30/3N1NF	EC	PB-7,9,11
PIU-1-8	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	13	41 A	51 A	50 A	3#10, #10N, #10G, 3/4" C	60/3N1NF	EC	LB-18,20,22
PIU-1-9	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	46	58 A	68 A	68 A	3#4, #10N, #10G, 1-1/4" C	60/3N1NF	EC	LB-19,21,23
PIU-1-10	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	7	9 A	13 A	13 A	2#12, #12N, #12G, 1/2" C	30/3N1NF	EC	PB-1,3,5
PIU-1-11	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	6.5	22 A	28 A	30 A	3#10, #10N, #10G, 3/4" C	30/3N1NF	EC	LB-25,27,29
PIU-1-12	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	5.5	21 A	25 A	25 A	3#10, #10N, #10G, 3/4" C	30/3N1NF	EC	LB-24,26,28
PIU-1-13	Variable Volume Parallel Flow Fan Powered Terminal Unit	208	3	NA	4.5	17 A	21 A	25 A	3#10, #10N, #10G, 3/4" C	30/3N1NF	EC	LA-26,28,30
RH-1	Supply Fan	120	1	25	NA	6 A			2#12, #12G, 1/2" C	MRS	EC	GEN-1-8
SEF-2	Supply Fan	120	1	25	NA	6 A			2#12, #12G, 1/2" C	MRS	EC	GEN-1-12

LIGHTING RELAY PANEL LRP

RELAY	AREA DESCRIPTION	PANEL	CIRCUIT NUMBER	CONTROL
1	120	LB	35	TIMECLOCK, LV SWITCHES (a,b)
2		LA	31	TIMECLOCK, LV SWITCHES (g,h,i,j,k)
3				TIMECLOCK, LV SWITCHES (g,h,i,j,k)
4	120V	LA	10	TIMECLOCK, LV SWITCHES (c,d,e,f)
5	120V	LB	39	TIMECLOCK, LV SWITCHES (m)
6	120	LA	9	TIMECLOCK, LV SWITCHES (n,p)
7	120	PA	3	TIMECLOCK, LV SWITCHES (q,r)
8	120			TIMECLOCK, PHOTOCELL
9				TIMECLOCK, PHOTOCELL
10				TIMECLOCK, PHOTOCELL
11	120			TIMECLOCK, PHOTOCELL
12				TIMECLOCK, PHOTOCELL
13	120			TIMECLOCK, PHOTOCELL
14	120			TIMECLOCK, PHOTOCELL
15	120			TIMECLOCK, PHOTOCELL
16	120			TIMECLOCK, PHOTOCELL

Branch Panel: GEN1
 Location: ELECTRICAL 135
 Supply From: SURFACE
 Mounting: SURFACE
 Enclosure: SURFACE

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: MLO
 Mains Type: MLO
 Mains Rating: 100 A

CKT	Circuit Description	Trip	Poles	A (KVA)	B (KVA)	C (KVA)	Poles	Trip	Circuit Description	CKT	
1	EF-12 EF-13	20 A	1	0.15	0.33		1	20 A	LIGHTING EMERGENCY	2	
3	HOLDING LIGHTING	20 A	1		0.25	0.58	1	20 A	LIGHTING EMERGENCY	4	
5	SPARE	20 A	1			0.00	0.60	1	HOLDING LIGHTING	6	
7	SPARE	20 A	1	0.00	1.20			1	SEF-1	8	
9	SPARE	20 A	1		0.00	0.80		1	SPARE	10	
11	SPARE	20 A	1			0.00	1.20	1	SPARE	12	
13	SPARE	20 A	1	0.00	0.90			1	SPARE	14	
15	EMERGENCY LIGHTING	20 A	1		0.40	0.03		1	LIGHTING EMERGENCY	16	
17	EMERGENCY LIGHTING	20 A	1			0.25	0.80	1	LIGHTING EMERGENCY	18	
19	EMERGENCY LIGHTING	20 A	1	0.30	0.24			1	LIGHTING EMERGENCY	20	
21	LRP	20 A	1		0.50			1	LIGHTING EMERGENCY	22	
23										24	
25										26	
27										28	
29										30	
				Total Load:	3650 VA	2672 VA	2854 VA				
				Total Amps:	31 A	22 A	24 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	4376 VA	100.00%	4376 VA	Total Conn. Load: 8676 VA
Spare	4000 VA	100.00%	4000 VA	Total Est. Demand: 8676 VA
				Total Conn.: 24 A
				Total Est. Demand: 24 A

Branch Panel: GEN2
 Location: ELECTRICAL 135
 Supply From: SURFACE
 Mounting: SURFACE
 Enclosure: SURFACE

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: MLO
 Mains Type: MLO
 Mains Rating: 100 A

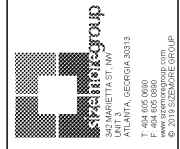
CKT	Circuit Description	Trip	Poles	A (KVA)	B (KVA)	C (KVA)	Poles	Trip	Circuit Description	CKT	
1	SERVER RECEPTACLES	20 A	1	1.25	0.18		1	20 A	SERVER RECEPTACLES	2	
3	LIGHTING	20 A	1		0.05	0.18		1	HVAC CONTROLS	4	
5	RTU-4	80 A	3	7.20	1.33	7.20	0.18	1	LOW VOLTAGE PANELS	6	
7								3	GATE POWER	8	
9										10	
11										12	
13										14	
15										16	
17										18	
19										20	
21										22	
23										24	
25										26	
27										28	
29										30	
				Total Load:	9973 VA	8764 VA	8713 VA				
				Total Amps:	83 A	73 A	73 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	5851 VA	100.00%	5851 VA	Total Conn. Load: 27451 VA
Spare	21600 VA	100.00%	21600 VA	Total Est. Demand: 27451 VA
				Total Conn.: 76 A
				Total Est. Demand: 76 A

Order Plans @

CITY OF MONROE
 PUBLIC SAFETY & MUNICIPAL
 COURT COMPLEX RENOVATION
 140 BLAINE ST. MONROE, GA 30655



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ELECTRICAL SCHEDULES

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E502

SCALE

