

LIGHTING FIXTURE SCHEDULE

TYPE TAG	DESCRIPTION	MOUNTING	TYPE	LUMENS	TEMPERATURE	WATTS	VOLTS	MANUFACTURERS	NOTES
EM	EMERGENCY LIGHT WITH BATTERY BACKUP, HIGH-IMPACT FLAME-RATED PLASTIC.	WALL/SURFACE	LED	3500 lm	3500 K	5 W	120 V	DUALITE EV SERIES SURE-LITES APEL SERIES LITHONIA ELML SERIES OR APPROVED EQUAL	
F1	2X4 TROFFER, CURVED LENS, 0-10V DIMMING	LAY-IN GRID	LED	3200 lm	3500 K	28 W	120 V	COLUMBIA LCAT24 SERIES METALUX 24C22 SERIES LITHONIA ZL1D SERIES OR APPROVED EQUAL	
F2	8" ROUND CAN LIGHT, 0-10V DIMMING	RECESSED	LED	1400 lm	3500 K	18 W	120 V	LITERFRAME LC8SL SERIES HALO HC3 SERIES LITHONIA LDM9 OR APPROVED EQUAL	
F3	HIGH BAY LIGHT, 0-10V DIMMING	PENDANT	LED	8000 lm	3500 K	62 W	120 V	HIMILAYAN HIGH BAY HHB SERIES METALUX VHB SERIES LITHONIA CP4B SERIES OR APPROVED EQUAL	
F4A	GENERAL UTILITY LIGHT, 0-10V DIMMING	PENDANT	LED	3500 lm	3500 K	34 W	120 V	COLUMBIA MPS SERIES METALUX SNLED SERIES LITHONIA ZL1D SERIES OR APPROVED EQUAL	
F4B	GENERAL UTILITY LIGHT, 0-10V DIMMING	SURFACE	LED	4000 lm	3500 K	34 W	120 V	COLUMBIA MPS SERIES METALUX SNLED SERIES LITHONIA ZL1D SERIES OR APPROVED EQUAL	
F5	8" LINEAR WITH 4" APERTURE, 0-10V DIMMING	PENDANT	LED	3700 lm	3500 K	37 W	120 V	FINELITE HP-4 SERIES LUMENWERK VIA 4 SERIES MARK SLOT 4 SERIES OR APPROVED EQUAL	
F8	8" ROUND CAN LIGHT, 0-10V DIMMING	PENDANT	LED	1400 lm	3500 K	18 W	120 V	LITERFRAME LC8SL SERIES HALO HC3 SERIES LITHONIA LDM9 OR APPROVED EQUAL	
S1	EXTERIOR WALL PACK LIGHT	WALL	LED	4000 lm	3500 K	100 W	120 V	HUBBEL LNCA SERIES LUMARK XTOR SERIES OR APPROVED EQUAL	
S1A	EXTERIOR WALL PACK LIGHT WITH BATTERY BACKUP	WALL	LED	4000 lm	3500 K	100 W	120 V	HUBBEL LNCA SERIES LUMARK XTOR SERIES LITHONIA ARC2 SERIES OR APPROVED EQUAL	

SWITCHBOARD SCHEDULE

Ckt	Load Name	Pole	Frame	Trip	Trips	Basis of Design	Lights	Receptacles	Heating	Power	Motor
1	P3	3	200 A	200 A	LI						
2											
3	P4	3	200 A	200 A	LI		9 kVA	1 kVA	3000 VA		14 kVA
4											
5	MAIN DISC	3	600 A	600 A	LSI					0 kVA	
6											
7	PANEL "D"	3	200 A	200 A	LI						
8											
9											
10											
11											
12											
13											
14											
15											
16											
Sub-Total in KVA:							9 kVA	19 kVA	3000 VA	7 kVA	25 kVA
Lighting Load (KVA)							9				
Receptacle Load (KVA)							19	76	15		
Heating Load (KVA)							3	100	3		
Motor Load (KVA)							25	104	26		
Other Load (KVA)							7	80	6		
Total Load (KVA)							75	93	70		

MOTOR CONTROLLER SCHEDULE

UNIT TAG	LOCATION	EQUIPMENT SERVED	HP	FLA	VOLTS	PH	CIRCUIT BREAKER FRAME	NEMA SIZE	NEMA ENCLOSURE	NOTES
MC-VF1	MAINTENANCE AREA 131	VEF-1	2	9 A	208 V	3	20 A	20 A	1	
MC-VF1	MAINTENANCE AREA 131	VF-1	3	11 A	208 V	3	25 A	25 A	1	
MC-VF2	WORK AREA 130	VF-2	3	11 A	208 V	3	25 A	25 A	1	

PANELBOARD SCHEDULE

Branch Panel	Location	New/Exist	EXIST	Location	ELECTRICAL 156	Project Name	Mobility Solutions & Customer Care Center Facility							
PANEL "D"		No	EXIST	Surface		0200061.04								
SPD:	No	Main:	MLO	Mounting:	Surface	Date:	6.15.21							
Voltage:	120/208 Wye	Amp:	100 A	Kaic Rating:										
Feed From:	MDP	Enclosure:	Type 1	Feeder:			Applied Engineering Services (317) 810-4141							
Ckt	Load Name	Pole	Rating	Type	Load...	A (KVA)	B (KVA)	C (KVA)	Load...	Type	Rating	Pole	Load Name	Ckt
1	EXISTING LOAD	1	20 A		--	0.00	0.00		--		20 A	1	EXISTING LOAD	2
3	5A EXISTING LOAD - 5B, EXISTING LOAD	1	20 A		--	0.00	0.00		--		30 A	1	EXISTING LOAD	4
5	5A Spare - 5B, Spare	1	20 A		--	0.00	0.00		--		20 A	1	EXISTING LOAD	6
7.9...	Spare	3	25 A		--	0.00	0.00		--		20 A	1	EXISTING LOAD	8
13	EXISTING LOAD	1	20 A		--	0.00	0.00		--		20 A	1	EXISTING LOAD	10
15...	EXISTING LOAD	2	60 A		--	0.00	0.00		--		20 A	1	EXISTING LOAD	12
19...	EXISTING LOAD	2	60 A		--	0.00	0.00		--		20 A	1	EXISTING LOAD	16
23...	EXISTING LOAD	2	60 A		--	0.00	0.00		--		20 A	3	EXISTING LOAD	20...
27	27A, Spare - 27B, Spare	1	20 A		--	0.00	0.00		--		25 A	3	Spare	26...
29	29A, Spare - 29B, Spare	1	20 A		--	0.00	0.00		--		--	--	Spare	28
31	Spare	--	--		--	0.00	0.00		--		--	--	Spare	32
Lighting Load (KVA)						0.00	0.00	0.00						
Receptacle Load (KVA)														
Heating Load (KVA)														
Motor Load (KVA)														
Other Load (KVA)														
Total Load (KVA)						0.00	0.00	0.00						

PANELBOARD SCHEDULE

Branch Panel	Location	New/Exist	EXIST	Location	CORRIDOR 157	Project Name	Mobility Solutions & Customer Care Center Facility							
PANEL "SERVER"		No	EXIST	Surface		0200061.04								
SPD:	No	Main:	MCB	Mounting:	Surface	Date:	6.15.21							
Voltage:	120/208 Wye	Amp:	200 A	Kaic Rating:										
Feed From:	MDP	Enclosure:	Type 1	Feeder:			Applied Engineering Services (317) 810-4141							
Ckt	Load Name	Pole	Rating	Type	Load...	A (KVA)	B (KVA)	C (KVA)	Load...	Type	Rating	Pole	Load Name	Ckt
1	EXISTING LOAD	1	20 A		--	0.00	0.00		--		20 A	1	Spare	2
3	EXISTING LOAD	1	20 A		--	0.00	0.00		--		20 A	1	Spare	4
5	Spare	1	20 A		--	0.00	0.00		--		20 A	1	EXISTING LOAD	6
7.9	Spare	2	30 A		--	0.00	0.00		--		50 A	3	EXISTING LOAD	8, 1...
11	EXISTING LOAD	1	20 A		--	0.00	0.00		--		--	--	--	--
13	EXISTING LOAD	1	20 A		--	0.00	0.00		--		30 A	1	Spare	14
15	EXISTING LOAD	1	20 A		--	0.00	0.00		--		20 A	1	EXISTING LOAD	16
17	EXISTING LOAD	1	20 A		--	0.00	0.00		--		20 A	1	EXISTING LOAD	18
19	Spare	1	30 A		--	0.00	0.00		--		30 A	2	Spare	20...
21	Spare	1	30 A		--	0.00	0.00		--		--	--	--	--
23...	Spare	2	20 A		--	0.00	0.00		--		--	--	Spare	24
25	Spare	--	--		--	0.00	0.00		--		--	--	Spare	26
27...	Spare	3	50 A		--	0.00	0.00		--		--	--	Spare	28
29	Spare	--	--		--	0.00	0.00		--		--	--	Spare	30
31	Spare	--	--		--	0.00	0.00		--		--	--	Spare	32
33	Spare	--	--		--	0.00	0.00		--		--	--	Spare	34
35	Spare	--	--		--	0.00	0.00		--		--	--	Spare	36
37	Spare	--	--		--	0.00	0.00		--		--	--	Spare	38
39	Spare	--	--		--	0.00	0.00		--		--	--	Spare	40
41	Spare	--	--		--	0.00	0.00		--		--	--	Spare	42
Lighting Load (KVA)						0.00	0.00	0.00						
Receptacle Load (KVA)														
Heating Load (KVA)														
Motor Load (KVA)														
Other Load (KVA)														
Total Load (KVA)						0.00	0.00	0.00						

PANELBOARD SCHEDULE

Branch Panel	Location	New/Exist	EXIST	Location	CORRIDOR 157	Project Name	Mobility Solutions & Customer Care Center Facility							
P1		No	EXIST	Surface		0200061.04								
SPD:	No	Main:	MCB	Mounting:	Surface	Date:	6.15.21							
Voltage:	120/208 Wye	Amp:	200 A	Kaic Rating:										
Feed From:	MDP	Enclosure:	Type 1	Feeder:			Applied Engineering Services (317) 810-4141							
Ckt	Load Name	Pole	Rating	Type	Load...	A (KVA)	B (KVA)	C (KVA)	Load...	Type	Rating	Pole	Load Name	Ckt
1.3.5	AC1	3	30 A		--	22.00	11.50		--	Receptacle	20 A	1	AHU1	2
3		--	--		--	22.00	0.00		--		20 A	1	AHU2	4
5		--	--		--	22.00	0.00		--		20 A	1	AHU3	6
7.9...	AC-2	3	30 A		--	0.00	0.00		--		20 A	1	AHU4	8
11		--	--		--	0.00	0.00		--		20 A	1	EXISTING LOAD	10
13...	AC-3	3	30 A		--	0.00	0.00		--		30 A	3	LTS TRAINING STORAGE	12
15		--	--		--	0.00	0.00		--		--	--	AC-5	14...
19...	AC-4	3	30 A		--	0.00	0.00		--		30 A	3	AC-6	20...
21		--	--		--	0.00	0.00		--		--	--	EXISTING LOAD	22...
23		--	--		--	0.00	0.00		--		--	--	EXISTING LOAD	24
25...	**ACCU-7	3	25 A		Other	1.80	0.00		--		20 A	1	BREAK RM COFFEE/WATER	26
27		--	--		--	1.80	0.00		--		20 A	1	BREAK RM ICE MAKER	28
29		--	--		--	1.80	1.69		--	Other: Motor	15 A	1	**FURNACE-7	30
31...	**ACCU-8	2	25 A		Other	1.77	1.24		--	Other: Motor	15 A	1	**FURNACE-8	32
33		--	--		--	1.77	1.24		--	Other: Motor	15 A	1	**FURNACE-9	34
35...	**ACCU-9	3	20 A		Other	1.44	0.00		--	Motor	20 A	2	**PUH-1	36...
37		--	--		--	1.44	0.00		--		--	--	EXISTING LOAD	38
39		--	--		--	1.44	1.75		--	HVAC	20 A	2	**EWH-2	40...
41	NEW ACCESSIBILITY LIFT	1	30 A		--	39.74	30.0	0.00	1.75		--	--	EXISTING LOAD	42
Lighting Load (KVA)														
Receptacle Load (KVA)						11.50								
Heating Load (KVA)								10.75						