LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	SOURCE	MAXIMUM FIXTURE WATTAGE	DESCRIPTION	KEYED NOTES
A	COOPER METALUX	22FR24UNV-L850-CD1	UNV	LED	20	2X2 TROFFER	
AE	COOPER METALUX	22FR24UNV-EL10W-L850-CD1	UNV	LED	20	2X2 TROFFER	1
B	HALO	HC610D010-HM60525835-61MDC	UNV	LED	10	6" RECESSED CAN	
W	MCGRAW-EDISON	GWC-SA2B-740-U-T4W-BK	UNIV	LED	86	EXTERIOR WALL PACK	
WE	MCGRAW-EDISON	GWC-SA2B-740-U-T4W-BK-CBP	UNIV	LED	86	EXTERIOR WALL PACK	1
X	SURELITES	LPXR5SD	UNIV	LED	5	WALL MOUNT EXIT	1,2
Z	SURELITES	SELHP100R3	UNIV	LED	5	EGRESS LIGHT	

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

1. PROVIDE FLANGE KIT AS REQUIRED

LIGHTING FIXTURE SCHEDULE KEYED NOTES:

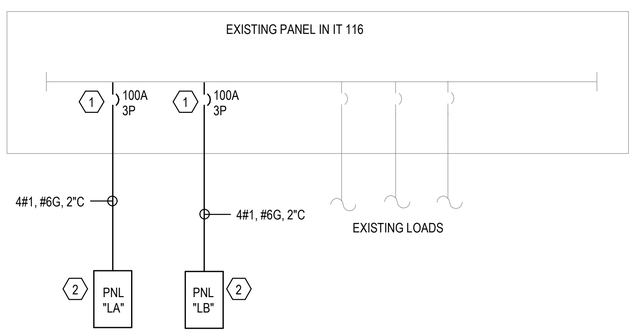
1. BATTERY BACK UP.
2. ARROWS AND FACES PER PLANS.

PANEL LA | MOUNTING SURFACE | LOCATION BRK 124 | MAIN BUS RATING 100 AMPS
MAIN LO | POLES | FRAME | TRIP
VOLTAGE 208Y/120 | PHASE 3 | MINIMUM BREAKER INTERRUPTING CAPACITY 10KA
ACCESSORIES SN + EQP GND

DEVICE AMPS TRIP	DEVICE POLES	DEVICE TYPE	BRANCH CIRCUIT LOAD	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	NO	PHASE LOAD VOLT AMPS A	B	C	NO	BRANCH CIRCUIT VOLT AMPS	BRANCH CIRCUIT DESCRIPTION	BRANCH CIRCUIT LOAD	DEVICE TYPE	DEVICE POLES	DEVICE AMPS TRIP
20	1	G	R	SODA VENDING 124	1000	1	2000			2	1000	ICE MAKER BRK 124	R	G	1	20
20	1	G	R	SNACK VENDING 124	1000	3		2500		4	1500	COFFEE MAKER BRK 124	R		1	20
20	1	G	R	MICROWAVE BRK 124	1000	5			1900	6	900	RECPTS 124	R		1	20
20	1	G	R	MICROWAVE BRK 124	1000	7	1180			8	180	RECPTS 123	R		1	20
20	1	G	R	MICROWAVE BRK 124	1000	9		1180		10	180	RECPTS 123	R		1	20
20	1	G	R	REFRIG BRK 124	1000	11			1180	12	180	EXT RECPTS	R		1	20
20	1	G	R	REFRIG BRK 124	1000	13	1258			14	258	EXT LIGHTS	L		1	20
20	1		R	RECPTS 123	720	15		1095		16	375	123 / 124 LIGHTS	L		1	20
20	1		R	RECPTS 123	720	17			820	18	100	EF-1 & EF-2	H		1	20
20	2	G	M	EWH-2	1250	19	1430			20	180	LIGHTING CONTROL PNL	M		1	20
-	-		M		1250	21		1430		22	180	FIRE ALARM CTRL PNL	M	L	1	20
20	1			SPARE		23			3500	24	3500	EWH-1	M	G	1	40
20	1			SPARE		25				26		SPARE			1	20
20	1			SPARE		27				28		SPARE			1	20
20	1			SPARE		29				30		SPARE			1	20
20	1			SPARE		31				32		SPARE			1	20
20	1			SPARE		33				34		SPARE			1	20
				SPACE		35				36		SPACE				
				SPACE		37				38		SPACE				
				SPACE		39				40		SPACE				
				SPACE		41				42		SPACE				
					TOTAL		5868	6205	7400		19	KVA (CONNECTED)		54	AMPS (CONNECTED)	
											18	KVA (DEMAND)		51	AMPS (DEMAND)	

PANEL LB | MOUNTING SURFACE | LOCATION BRK 124 | MAIN BUS RATING 100 AMPS
MAIN LO | POLES | FRAME | TRIP
VOLTAGE 208Y/120 | PHASE 3 | MINIMUM BREAKER INTERRUPTING CAPACITY 10KA
ACCESSORIES SN + EQP GND

DEVICE AMPS TRIP	DEVICE POLES	DEVICE TYPE	BRANCH CIRCUIT LOAD	BRANCH CIRCUIT DESCRIPTION	VOLT AMPS	NO	PHASE LOAD VOLT AMPS A	B	C	NO	BRANCH CIRCUIT VOLT AMPS	BRANCH CIRCUIT DESCRIPTION	BRANCH CIRCUIT LOAD	DEVICE TYPE	DEVICE POLES	DEVICE AMPS TRIP
70	3		H	PAC-1	6725	1	6725			2		SPARE			1	20
-	-		H	-	6725	3		6725		4		SPARE			1	20
-	-		H	-	6725	5			6725	6		SPARE			1	20
20	1			SPARE		7				8		SPACE				
20	1			SPARE		9				10		SPACE				
20	1			SPARE		11				12		SPACE				
					TOTAL		6725	6725	6725		20	KVA (CONNECTED)		56	AMPS (CONNECTED)	
											20	KVA (DEMAND)		56	AMPS (DEMAND)	



1 SINGLE-LINE DIAGRAM
N.T.S.

KEYED NOTES:

1. PROVIDE NEW COMPATIBLE 100A, 3P CIRCUIT BREAKER IN EXISTING PANELBOARD. MATCH KAIC RATING OF EXISTING PANELBOARD.
2. NEW PANELBOARD.

PANEL SCHEDULE LEGEND

MAIN
CB = CIRCUIT BREAKER
LO = LUGS ONLY

BRANCH CIRCUIT BREAKER TYPE
A = ARC FAULT CIRCUIT INTERRUPTER
G = GROUND FAULT CIRCUIT INTERRUPTER
S = SHUNT TRIP
V = VARIABLE (ADJUSTABLE TRIP)
E = EQUIPMENT GROUND FAULT PROTECTION
L = LOCKOUT DEVICE
O = LOCK ON DEVICE OR BREAKER
R = RED MARKING ON BREAKER

LOAD TYPE
L = LIGHTING
R = RECEPTACLE
H = HVAC
M = MISCELLANEOUS
V = VARIOUS
S = SUBFED

MISCELLANEOUS
SN = SOLID NEUTRAL
EQP GND = EQUIPMENT GROUND BUS
IG = INSULATED GROUND BUS
SPD = SURGE PROTECTIVE DEVICE
AIC = AMPERE INTERRUPTING CAPACITY
KAIC = KILO AMPERE INTERRUPTING CAPACITY

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Project
AERO JET ROCKETDYNE
BUILDING A14
TOILET RENOVATION & BREAKROOM ADDITION
EAST CAMDEN, ARKANSAS

Design Phase
CONSTRUCTION DOCUMENTS

Revisions

No.	Date	Description

Stamp
CERTIFICATE OF AUTHORIZATION
CROMWELL ARCHITECTS/ ENGINEERS #5
ARKANSAS ENGINEER
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9401
PAMELA S. McELRATH
11-13-2024

Notes

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ELECTRICAL SCHEDULES AND SINGLE-LINE DIAGRAM
Sheet Number
E-601