

**NAME: A-1-MSB-2-PNL-2-1**

LOCATION: STORAGE 1-139  
 MAINS RATING: 125 A  
 MAINS TYPE: MCB  
 FEED THROUGH LUIGS: No

FED FROM:  
 VOLTAGE: 480/277 Vyp  
 PHASE: 3  
 WIRE: 4

MOUNTING: SURFACE  
 ENCLASURE: NEMA 1  
 AFC: 65 KA  
 SCCR: 65 KA

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	LTO OFFICE ZONE		20A	1		0.72	0.90				20A		LTO OFFICE ZONE	2
3	LTO ELEVATOR		20A	1			0.45	0.49			20A		LTO OFFICE ZONE	4
5	LTO LOADING DOOR		20A	1				0.50	0.86		20A		LTO OFFICE ZONE	6
7	LTO OFFICE ZONE		20A	1		0.77								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): 2.39 KVA 0.94 KVA 1.77 KVA  
 FEED THROUGH LUIGS LOAD: 0 KVA 0 KVA 0 KVA  
 TOTAL PANEL LOAD (KVA): 2.39 KVA 0.94 KVA 1.77 KVA  
 TOTAL LOAD (AMPS): 9.1 A 3.6 A 6.9 A  
 PHASE LOAD BALANCE: 27.3%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
LIGHTING	5.1 KVA	6.37 KVA	TOTAL CONNECTED LOAD (AMPS): 6 A TOTAL CODE LOAD (AMPS): 6 A PERCENT LOADED: 5.13%
TOTAL KVA	5.1 KVA	6.37 KVA	

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

**NAME: A-1-MSB-5-PNL-2-1**

LOCATION: STORAGE 1-139  
 MAINS RATING: 225 A  
 MAINS TYPE: MCB  
 FEED THROUGH LUIGS: No

FED FROM:  
 VOLTAGE: 120/208 Vyp  
 PHASE: 3  
 WIRE: 4

MOUNTING: SURFACE  
 ENCLASURE: NEMA 1  
 AFC: 22 KA  
 SCCR: 22 KA

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1	RECP MED CONF 1-122		20A	1		0.54	0.36				20A		RECP MED CONF 1-122	2
3	RECP SM CONF 1-121		20A	1			0.54	0.36			20A		RECP SM CONF 1-121	4
5	RECP LG CONF 1-120		20A	1		0.54	0.72				20A		RECP LG CONF 1-120	6
7	RECP SERVICES LG CONF 1-120		20A	1		0.72	0.5				20A		RECP SERVICES LG CONF 1-120	8
9	RECP SERVICES CONFERENCE ROOMS		20A	1			0.9	0.5			20A		RECP SERVICES CONFERENCE ROOMS	10
11	RECP QUAD TENANT OPEN OFFICE 1-119		20A	1		0.72	0.65				20A		RECP QUAD TENANT OPEN OFFICE 1-119	12
13	RECP SERVICES TENANT OPEN OFFICE 1-119		20A	1		0.72	1.3				20A		RECP SERVICES TENANT OPEN OFFICE 1-119	14
15	RECP SERVICES TENANT OPEN OFFICE 1-119		20A	1			0.72	1.3			20A		RECP SERVICES TENANT OPEN OFFICE 1-119	16
17	RECP Huddle 1-123, 1-124		20A	1		1.08	0.72				20A		RECP Huddle 1-123, 1-124	18
19	RECP Huddle 1-123, 1-124		20A	1		0.72	1.2				20A		RECP Huddle 1-123, 1-124	20
21	RECP SPOKE 1-126		20A	1			0.72	0.9			20A		RECP SPOKE 1-126	22
23	RECP ERAD 1-136		20A	1			0.54	0.9			20A		RECP ERAD 1-136	24
25	RECP TENANT OPEN OFFICE 1-119		20A	1		1.08	0.18				20A		RECP TENANT OPEN OFFICE 1-119	26
27	RECP TENANT OPEN OFFICE 1-119		20A	1			1.08	0.9			20A		RECP TENANT OPEN OFFICE 1-119	28
29	RECP TENANT OPEN OFFICE 1-119		20A	1		1.08	0.54				20A		RECP TENANT OPEN OFFICE 1-119	30
31	RECP TENANT OPEN OFFICE 1-119		20A	1			1.08	0.54			20A		RECP TENANT OPEN OFFICE 1-119	32
33	RECP TENANT OPEN OFFICE 1-119		20A	1			1.08	0.9			20A		RECP TENANT OPEN OFFICE 1-119	34
35	RECP TENANT OPEN OFFICE 1-119		20A	1		1.08	0.9				20A		RECP TENANT OPEN OFFICE 1-119	36
37	RECP TENANT OPEN OFFICE 1-119		20A	1			1.08	0.36			20A		RECP TENANT OPEN OFFICE 1-119	38
39	RECP TENANT OPEN OFFICE 1-119		20A	1			1.08	0.72			20A		RECP TENANT OPEN OFFICE 1-119	40
41	RECP TENANT OPEN OFFICE 1-119		20A	1		1.08	0.36				20A		RECP TENANT OPEN OFFICE 1-119	42
43	RECP TENANT OPEN OFFICE 1-119		20A	1			1.08	0.36			20A		RECP TENANT OPEN OFFICE 1-119	44
45	RECP TENANT OPEN OFFICE 1-119		20A	1			1.08	0.72			20A		RECP TENANT OPEN OFFICE 1-119	46
47	RECP TENANT OPEN OFFICE 1-119		20A	1			1.08				20A		RECP TENANT OPEN OFFICE 1-119	48
49	RECP HARD COPY 1-128, 1-128		20A	1							20A		RECP HARD COPY 1-128, 1-128	50
51	RECP DAY OFFICE 1-127, 1-128		20A	1			0.72				20A		RECP DAY OFFICE 1-127, 1-128	52
53	RECP DAY OFFICE 1-127, 1-128		20A	1				1.08			20A		RECP DAY OFFICE 1-127, 1-128	54
55	RECP HARD COPY 1-128, 1-128		20A	1			0.72				20A		RECP HARD COPY 1-128, 1-128	56
57														58
59														60
61														62
63														64
65														66

BRANCH CIRCUIT LOAD (KVA): 13.26 KVA 14.22 KVA 13.07 KVA  
 FEED THROUGH LUIGS LOAD: 0 KVA 0 KVA 0 KVA  
 TOTAL PANEL LOAD (KVA): 13.26 KVA 14.22 KVA 13.07 KVA  
 TOTAL LOAD (AMPS): 119.1 A 119.1 A 108.3 A  
 PHASE LOAD BALANCE: 91.72%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
RECEPTACLE QUAD	1.08 KVA	1.08 KVA	TOTAL CONNECTED LOAD (AMPS): 113 A TOTAL CODE LOAD (AMPS): 97 A PERCENT LOADED: 42.92%
RECP	23.45 KVA	23.45 KVA	
RECEPTACLE	19.84 KVA	10.08 KVA	
TOTAL KVA	40.55 KVA	34.79 KVA	

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

**NAME: A-1-UOB-8-PNL-8-1**

LOCATION: POE 1-151  
 MAINS RATING: 120/208 Vyp  
 MAINS TYPE: MCB  
 FEED THROUGH LUIGS: No

FED FROM:  
 VOLTAGE: 120/208 Vyp  
 PHASE: 3  
 WIRE: 4

MOUNTING: SURFACE  
 ENCLASURE: NEMA 1  
 AFC: 22 KA  
 SCCR: 22 KA

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1														2
3														4
5														6
7														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): 0 KVA 0 KVA 0 KVA  
 FEED THROUGH LUIGS LOAD: 0 KVA 0 KVA 0 KVA  
 TOTAL PANEL LOAD (KVA): 0 KVA 0 KVA 0 KVA  
 TOTAL LOAD (AMPS): 0.0 A 0.0 A 0.0 A  
 PHASE LOAD BALANCE: 100%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
	0 KVA	0 KVA	TOTAL CONNECTED LOAD (AMPS): 0 A TOTAL CODE LOAD (AMPS): 0 A PERCENT LOADED:
TOTAL KVA	0 KVA	0 KVA	

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

**NAME: 17R-UOB-1-PNL-8**

LOCATION: POE 1-151  
 MAINS RATING: 120/208 Vyp  
 MAINS TYPE: MCB  
 FEED THROUGH LUIGS: No

FED FROM:  
 VOLTAGE: 120/208 Vyp  
 PHASE: 3  
 WIRE: 4

MOUNTING: SURFACE  
 ENCLASURE: NEMA 1  
 AFC: 22 KA  
 SCCR: 22 KA

#	CIRCUIT DESCRIPTION	CONDUIT & WIRE	LC	T	P	A	B	C	P	T	LC	CONDUIT & WIRE	CIRCUIT DESCRIPTION	#
1														2
3														4
5														6
7														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): 0 KVA 0 KVA 0 KVA  
 FEED THROUGH LUIGS LOAD: 0 KVA 0 KVA 0 KVA  
 TOTAL PANEL LOAD (KVA): 0 KVA 0 KVA 0 KVA  
 TOTAL LOAD (AMPS): 0.0 A 0.0 A 0.0 A  
 PHASE LOAD BALANCE: 100%

LOAD CLASSIFICATION	CONNECTED LOAD	ESTIMATED DEMAND	PANEL TOTALS
	0 KVA	0 KVA	TOTAL CONNECTED LOAD (AMPS): 0 A TOTAL CODE LOAD (AMPS): 0 A PERCENT LOADED:
TOTAL KVA	0 KVA	0 KVA	

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

**ISSUES**

1	11/12/2025	CONCEPTUAL DESIGN
2	12/12/2025	SCHEMATIC DESIGN
3	12/17/2025	STEEL MILL ORDER
4	1/23/2026	DESIGN DEVELOPMENT

**REVISIONS**

kw Mission Critical Engineering  
 Contact: David Adams Phone: 703.928.0715  
 Engineer: Matthew Fagert  
 License #: 123456 Exp. Date: 00/00/0000

**NOT FOR CONSTRUCTION**

Date: 00/00/0000

**SERVERFARM**  
 Clarksville, AR

L	K	J
G	E	C
H	F	D
P	N	M

**PANEL SCHEDULES - 1B**

**PANEL SCHEDULE LEGEND**

A-1-MSB-2-PNL-2-1	A-1-MSB-5-PNL-2-1	-
UOB-A-1-8-PNL-1	UOB-17R-8-PNL-1	-
-	-	-

**JOB SHEET** US0049903.5614