

Project
SHERWOOD
SHERWOOD PUBLIC WORKS
TWO PINES & LANDERS ROAD
SHERWOOD, AR 72117
SITE, WASH BAY, AND SHOOTING RANGE

GENERAL NOTES:

- A. ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL HAVE A NEMA 3R ENCLOSURE.
- B. SPD'S CABLE SIZES SHALL BE PER MANUFACTURER RECOMMENDATIONS.
- C. PROVIDE ARC FLASH LABELS ON ALL PANELBOARDS, ALL SAFETY SWITCHES AND TRANSFORMERS.
- D. REFER TO 5/E-501-B FOR PRIMARY SERVICE GROUNDING.

KEYED NOTES:

- ① ROUTE FEEDERS UNDERGROUND TO UTILITIES SERVICE POLE LOCATION. COORDINATE WITH UTILITY ON EXACT LOCATION.
- ② PROVIDE 3#1, 1#1N, 1#6, 1.5"C.
- ③ PROVIDE METER CAN AND OTHER ASSOCIATED REQUIRED UTILITY METERING DEVICES.

PANEL	MDPS	MOUNTING SURFACE	LOCATION SHOOTING R	MAIN BUS RATING	100	AMPS		
MAIN CB		POLES	FRAME 100 TRIP 100	VOLTAGE	120/240	PHASE	1	
ACCESSORIES SN + EQP GND + NEMA 3R								
DEVICE	BRANCH CIRCUIT			PHASE LOAD	BRANCH CIRCUIT			DEVICE
AMPS TRIP	POLES	TYPE	LOAD DESCRIPTION	VOLT AMP	NO	VOLT AMP	NO	AMPS TRIP
20	1	G	R RECEPTS	532	1	532	2	20
20	1	G	R RECEPTS	180	3	180	4	20
20	1	G	R RECEPTS	180	5	180	6	20
20	1		SPARE		7		8	20
20	1		SPARE		9		10	20
20	1		SPARE		11		12	20
20	1		SPARE		13		14	20
20	1		SPARE		15		16	20
20	1		SPARE		17		18	20
20	1		SPARE		19		20	20
20	1		SPARE		21		22	20
20	1		SPARE		23		24	20
20	1		SPARE		25		26	20
20	1		SPARE		27		28	20
20	1		SPARE		29		30	20
20	1		SPARE		31		32	20
20	1		SPARE		33		34	20
20	1		SPARE		35		36	20
20	1		SPARE		37		38	20
20	1		SPARE		39		40	20
20	1		SPARE		41		42	20
TOTAL				712	360			
						1 KVA (CONNECTED)	4 AMPS (CONNECTED)	
						1 KVA (DEMAND)	2 AMPS (DEMAND)	

①

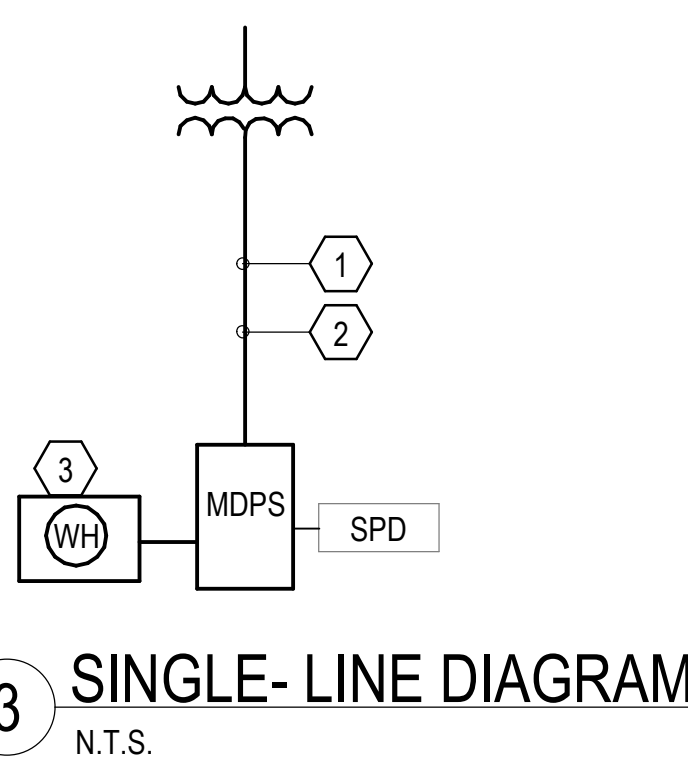
PANEL	LPW	MOUNTING SURFACE	LOCATION WASH BAY	MAIN BUS RATING	100	AMPS		
MAIN CB		POLES	FRAME 100 TRIP 100	VOLTAGE	208Y/120	PHASE	3	
ACCESSORIES SN + EQP GND + NEMA 3R								
DEVICE	BRANCH CIRCUIT			PHASE LOAD	BRANCH CIRCUIT			DEVICE
AMPS TRIP	POLES	TYPE	LOAD DESCRIPTION	VOLT AMP	NO	VOLT AMP	NO	AMPS TRIP
50	2	M	STEAM PRESSURE WASH	7205	1	8805	2	15
-	-	M	-	7205	3	8805	4	-
20	1	G	R WASHBAY RECEIPT	180	5		616	15
20	1	G	R WASHBAY RECEIPT	180	7	1236		15
15	2	M	OVERHEAD DOOR	790	9	970		20
-	-	M	-	790	11	1790		20
15	2	M	OVERHEAD DOOR	790	13	1790		20
-	-	M	-	790	15	790		20
30	2	M	LIFT STATION	1056	17	2056		20
-	-	M	-	1056	19	1648		20
20	2	H	EUH-1	1500	21	1500		20
-	-	H	-	1500	23	1500		20
20	1		SPARE		25			20
20	1		SPARE		27			20
20	1		SPARE		29			20
20	1		SPARE		31			20
20	1		SPARE		33			20
20	1		SPARE		35			20
20	1		SPARE		37			20
20	1		SPARE		39			20
20	1		SPARE		41			20
TOTAL				13479	12065	5962		
						32 KVA (CONNECTED)	87 AMPS (CONNECTED)	
						32 KVA (DEMAND)	87 AMPS (DEMAND)	

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PANEL	X	MOUNTING SURFACE	LOCATION EXTERIOR	MAIN BUS RATING	100	AMPS		
MAIN CB		POLES	FRAME 100 TRIP 100	VOLTAGE	208Y/120	PHASE	3	
ACCESSORIES SN + EQP GND + NEMA 3R								
DEVICE	BRANCH CIRCUIT			PHASE LOAD	BRANCH CIRCUIT			DEVICE
AMPS TRIP	POLES	TYPE	LOAD DESCRIPTION	VOLT AMP	NO	VOLT AMP	NO	AMPS TRIP
20	1	G	M EXT TRUCK RECEPTS	2000	1	4000	2	20
20	1	G	M EXT TRUCK RECEPTS	2000	3	4000	4	20
20	1	G	M SPARE		5		2000	20
20	1	G	M SPARE		7		8	20
20	1	G	M SPARE		9		10	20
20	1	G	M SPARE		11		12	20
20	1	G	M SPARE		13		14	20
20	1		SPARE		15		16	20
20	1		SPARE		17		18	20
20	1		SPARE		19		20	20
20	1		SPARE		21		22	20
20	1		SPARE		23		24	20
20	1		SPARE		25		26	20
20	1		SPARE		27		28	20
20	1		SPARE		29		30	20
20	1		SPARE		31		32	20
20	1		SPARE		33		34	20
20	1		SPARE		35		36	20
20	1		SPARE		37		38	20
20	1		SPARE		39		40	20
20	1		SPARE		41		42	20
TOTAL				4000	4000	2000		
						10 KVA (CONNECTED)	28 AMPS (CONNECTED)	
						10 KVA (DEMAND)	28 AMPS (DEMAND)	

②

TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	SOURCE	TOTAL FIXTURE LUMENS	MAXIMUM FIXTURE WATTAGE	DESCRIPTION	KEYED NOTES
S	LSI LIGHTING OR EQUAL	EG3-4-6L-DA-S-UNV-40-80	UNV	LED	6000	48	4' STRIP LIGHT	
SE	LSI LIGHTING OR EQUAL	EG3-4-6L-DA-S-UNV-40-80-EM	UNV	LED	6000	48	4' STRIP LIGHT	2
SP2	ATLAS LIGHTING OR EQUAL	(2)SLPM-S-43L-FT-4K	UNV	LED	43000	275	2 PARKING LOT FIXTURE 180 DEGREES	
P-POLE	LSI LIGHTING OR EQUAL	5SQ-B5-S07G-25-BLK-122561CLR	-	-	-	-	25'-0" SQUARE POLE	
W1	LSI LIGHTING OR EQUAL	TLWP LED-7L-UNV-DIM-40-BZA	UNV	LED	7000	60	WALL PACK	
W1E	LSI LIGHTING OR EQUAL	TLWP LED-7L-UNV-DIM-40-CWBB-BZA	UNV	LED	7000	60	WALL PACK	2



LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

- 1. PROVIDE FLANGE KIT AS REQUIRED

LIGHTING FIXTURE SCHEDULE KEYED NOTES:

- 1. BATTERY BACK UP. ARROWS AND FACES PER PLANS
- 2.90 MINUTES EMERGENCY BATTERY

Design Phase

CONSTRUCTION DOCUMENTS

Revisions

No. Date Description

1	10-09-2024	ADD 01
2	11-05-2024	ADD 02

Stamp

Notes

- 1. CROMWELL ARCHITECTS ENGINEERS, INC. ALL RIGHTS RESERVED
- 2. THIS SHEET DESIGNED FOR COLOR PRINTING. CRITICAL INFORMATION MAY BE LOST WITH BLACK AND WHITE PRINTING.

Project Number 2023-249

Issue Date 09-23-2024

Sheet Title

ELECTRICAL SCHEDULES & SINGLE-LINE DIAGRAM

Sheet Number

E-601