
- DUPLEX RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
- DUPLEX RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R) MOUNT 4" ABOVE COUNTER TOP, SINK, OR BACKSPLASH (IF PRESENT)

RECEPTACLES (MOUNTED 18" AFF UNLESS INDICATED OTHERWISE)

- SINGLE RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
- FLOOR RECEPTACLE OUTLET (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
- SINGLE RECEPTACLE OUTLET (50A, 250V, 3 POLE, 3 WIRE, NEMA 10-50R)
- SINGLE RECEPTACLE OUTLET (20A, 250V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 6-20R)
- SINGLE RECEPTACLE OUTLET (30A, 250V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 6-30R)
- SINGLE RECEPTACLE OUTLET (30A, 250V, 3 POLE, 4 WIRE, TWIST-LOCK, GROUNDING TYPE, NEMA L15-30R)
- SINGLE SPECIAL-PURPOSE RECEPTACLE OUTLET; NUMBER CORRESPONDS TO THE SPECIAL-PURPOSE RECEPTACLE SCHEDULE
- SINGLE RECEPTACLE FOR ELECTRIC RANGE (50A, 125/250V, 3 POLE, 4 WIRE, GROUNDING TYPE, NEMA 14-50R)
- DUPLEX RECEPTACLE MOUNTED IN CEILING (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
- TWO (2) DUPLEX RECEPTACLES MOUNTED IN DOUBLE GANG BACKBOX (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)
- TWO (2) DUPLEX RECEPTACLES FLOOR MOUNTED IN DOUBLE GANG BACKBOX (20A, 125V, 2 POLE, 3 WIRE, GROUNDING TYPE, NEMA 5-20R)

LIGHT FIXTURES (SEE FIXTURE SCHEDULE ON E-601 FOR TYPE)

- LIGHT FIXTURE. CEILING MOUNTED
- LIGHT FIXTURE, CEILING MOUNTED, ON EMERGENCY CIRCUIT
- LIGHT FIXTURE, CEILING MOUNTED, WITH EMERGENCY SELF CONTAINED BATTERY PACK. BATTERY PACK IS TO REMAIN UNSWITCHED.
- LIGHT FIXTURE, WALL MOUNTED

S

- LIGHT FIXTURE, INDUSTRIAL STRIP, SURFACE OR PENDANT MOUNTED
- LIGHT FIXTURE, INDUSTRIAL STRIP, SURFACE OR PENDANT MOUNTED, ON EMERGENCY CIRCUIT
- LIGHT FIXTURE, INDUSTRIAL STRIP, SURFACE OR PENDANT MOUNTED, WITH EMERGENCY SELF CONTAINED BATTERY PACK. BATTERY PACK IS TO REMAIN UNSWITCHED.
- O LIGHT FIXTURE, CEILING MOUNTED
- LIGHT FIXTURE, CEILING MOUNTED, ON EMERGENCY CIRCUIT
- LIGHT FIXTURE, CEILING MOUNTED, WITH EMERGENCY SELF CONTAINED BATTERY PACK. BATTERY PACK IS TO REMAIN UNSWITCHED.
- O LIGHT FIXTURE, WALL MOUNTED
- EMERGENCY BATTERY POWERED LIGHTING UNIT, WITH SELF CONTAINED BATTERY, CHARGER, ETC. (REFER TO FIXTURE SCHEDULE FOR BATTERY TYPE, VOLTAGE, LAMP TYPE, WATTAGE, ETC.) TRIANGLES DEPICT QUANTITY AND AIMING OF LAMP HEADS
- EXIT SIGN, LIGHTED, CEILING MOUNTED. SHADED AREA INDICATES FACE. ARROW DEPICTS DIRECTIONAL ARROW ON SIGN. WHEN REQUIRED BY THE FIXTURE SCHEDULE, AN EMERGENCY SELF-CONTAINED BATTERY PACK IS TO REMAIN UNSWITCHED.
- EXIT SIGN, LIGHTED, WALL MOUNTED AT 7'-6" AFF (TO BOTTOM OF SIGN) UNLESS INDICATED OTHERWISE. ARROW DEPICTS DIRECTIONAL ARROW ON SIGN. WHEN REQUIRED BY THE FIXTURE SCHEDULE, AN EMERGENCY SELF-CONTAINED BATTERY PACK IS TO REMAIN UNSWITCHED.
- FLOOD LIGHT, ARROW INDICATES DIRECTION OF BEAM
- 47
 - DOCK LIGHT
 - PARKING AREA LIGHT FIXTURE, POLE MOUNTED

ELECTRICAL SYMBOLS

TELEPHONE/COMMUNICATIONS/DATA (OUTLETS SHALL BE MOUNTED 18" AFF UNLESS INDICATED OTHERWISE)

- TELEPHONE OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD. SUBSCRIPT: W WALL MOUNTED AT 54" AFF;
- TELEPHONE FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
- DATA OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
- DATA FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
- COMBINATION VOICE/DATA OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
- COMBINATION VOICE/DATA FLOOR OUTLET. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESSIBLE CEILING SPACE AND PULL CORD.
- 4'-0" HIGH x 3/4" THICK FIRE-RETARDANT PLYWOOD BACKBOARD. SEE PLANS FOR LENGTH.
- WIRELESS ACCESS POINT OUTLET CEILING MOUNTED. OUTLET BOX WITH 1" C STUBBED ABOVE ACCESS CEILING SPACE AND PULL CORD. NUMBER INDICATES QUANTITY OF DATA JACKS. ABSENCE OF A NUMBER INDICATES ONE DATA JACK.

CABLE TRAY

LIGHT FIXTURE IDENTIFICATION

A DENOTES SWITCH CONTROL (WHERE APPLICABLE)

- UPPER CASE LETTER BESIDE EACH FIXTURE DENOTES FIXTURE TYPE.

<u>SWITCHGEAR</u>

- MAGNETIC MOTOR STARTER (FURNISHED BY DIVISION 23, UNLESS NOTED OTHERWISE)
- ELECTRICAL PANELBOARD, FLUSH MOUNTED
- ELECTRICAL PANELBOARD, SURFACE MOUNTED
- EXISTING ELECTRICAL PANELBOARD, FLUSH MOUNTED
- EXISTING ELECTRICAL PANELBOARD, SURFACE MOUNTED
- SAFETY SWITCH; 30A CURRENT RATING UNLESS NOTED OTHERWISE. +4'-0" TO HANDLE
- 50 FUSIBLE SAFETY SWITCH; CURRENT RATING AND FUSE RATING NOTED. +4'-0" TO HANDLE
- CB CIRCUIT BREAKER IN WALL MOUNTED ENCLOSURE
- T ELECTRICAL TRANSFORMER, FLOOR MOUNTED UNLESS INDICATED OTHERWISE

<u>SWITCHES</u> (MOUNTED AT 46", UNLESS INDICATED OTHERWISE) (LOWER CASE LETTER INDICATES DEVICES CONTROLLED)

- \$a SWITCH, SINGLE POLE, 20A
- SWITCH, DOUBLE POLE, 20A SWITCH
- \$3 3-WAY, 20A SWITCH
- \$4 4-WAY, 20A SWITCH
- \$K KEY OPERATED
- SINGLE POLE SWITCH, WITH PILOT LIGHT
- SINGLE POLE MANUAL MOTOR STARTING SWITCH, WITH THERMAL OVERLOAD ELEMENT AND PROVISIONS FOR LOCKING OPEN
- SWITCH, DIMMING (COORDINATE WITH FIXTURE MANUFACTURER)
- X SWITCH, MULLION SWITCH
- \$LV LOW VOLTAGE WITH MOMENTARY CONTACTS SWITCH
- \$O OCCUPANCY SENSOR, WALL MOUNTED, DUAL TECHNOLOGY
- OS OCCUPANCY SENSOR, CEILING MOUNTED, DUAL TECHNOLOGY
- PHOTOCELL

MULTIPLE DEVICES LOCATED SIDE BY SIDE (OR ABOVE AND BELOW, IF DIFFERENT ELEVATIONS ARE SHOWN) AT THE LOCATION INDICATED)

ELECTRICAL SYMBOLS

WALL MOUNTED VISUAL DEVICES TO BE LOCATED SUCH THAT THE ENTIRE LENS OF THE STROBE IS BETWEEN 80" AND 96" AFF. ALL WALL MOUNTED NOTIFICATION

SHALL BE MOUNTED AT THE SAME HEIGHT AFF TO ACHIEVE A UNIFORM APPEARANCE OR AS DIRECTED BY THE A/E.

MISCELLANEOUS

- JUNCTION BOX, WALL MOUNT AS INDICATED
- J JUNCTION BOX, CEILING MOUNT AS INDICATED
- CLOCK OUTLET, WALL MOUNTED 7'-6" AFF
- MOTOR MOTOR
- 30 10' BARE #6 COILED & EXOTHERMICALLY WELDED TO COLUMN
- CABLE TELEVISION OUTLET BOX MOUNTED 18" AFF WITH CONDUIT STUBBED ABOVE CEILING. PROVIDE PULL CORD.

CONDUIT RUN, EXPOSED

CONDUIT RUN, CONCEALED

FLEXIBLE CONDUIT

CIRCUIT INFORMATION HOMERUN DESIGNATION PHASE CONDUCTOR(S) EQUIPMENT GROUND (PROVIDE EQUIPMENT GROUND FOR ALL BRANCH CIRCUITS AND FEEDERS, WHETHER SHOWN OR NOT. WHERE SHOWN TO SHARE A CONDUIT, BRANCH CIRCUITS SHALL SHARE EQUIPMENT GROUND UNLESS INDICATED OTHERWISE) #8, 1"C NEUTRAL CONDUIT SIZE WIRE SIZE

CIRCUIT DESIGNATION

- CIRCUIT DESIGNATION INDICATES PANELBOARD AND CIRCUIT(S) TO WHICH HOMERUN IS CONNECTED.
- WIRE SIZE SHALL BE NO. 12, UNLESS INDICATED OTHERWISE.
- O CONDUIT SIZE SHALL BE MINIMUM ALLOWED BY SPECIFICATIONS FOR NO. 12 SIZE WIRE, 3/4" FOR NO. 10, UNLESS INDICATED OTHERWISE.
- CIRCUIT INFORMATION PROVIDED AT THE HOMERUN SYMBOL SHALL APPLY THE ENTIRE LENGTH OF THE CIRCUIT (FROM PANELBOARD TO LAST LOAD).
- WHEN NO PHASE CONDUCTOR OR NEUTRAL IS INDICATED AT THE HOMERUN SYMBOL, PROVIDE ONE PHASE CONDUCTOR AND ONE NEUTRAL, BOTH NO. 12.
- SWITCHING CONDUCTORS, CONDUCTORS FOR NIGHT LIGHT CIRCUITS (UNSWITCHED), ETC. ARE NOT SHOWN, BUT SHALL BE PROVIDED AS NECESSARY.
- WIRE SIZE INDICATED ON THESE DOCUMENTS AS INDICATED BY "NO." OR "#"
 HAS THE SAME MEANING AS "AWG" (N.E.C. NOMENCLATURE). (I.E."NO. 12" OR "#
 12" MEANS "12AWG" IN N.E.C. NOMENCLATURE.)

SECURITY

- M MAGNETIC ALARM SWITCH
- D DURESS ALARM SWITCH
- MD MOTION DETECTOR
- CD CAPACITIVE DETECTOR
- CCTV CAMERA LOCATION, CEILING MOUNTED UNLESS INDICATED OTHERWISE
- KS H KEYPAD ACCESS ALARM OVERRIDE CONTROL
- ELECTRIC PUSH-BUTTON
- CARD READER
- REX REQUEST TO EXIT PUSH BUTTON

ELECTRIC STRIKE

ELECTRICAL SYMBOLS

ABBREVIATIONS:

AFF = ABOVE FINISHED FLOOR

AFL = ABOVE FINISHED LANDING

GFI = GROUND FAULT INTERRUPTER

IG = ISOLATED GROUND

UIO = UNLESS INDICATED OTHERWISE

WP = WEATHERPROOF CONSTRUCTION

OF/OI = OWNER FURNISHED / OWNER INSTALLED

CF/CI = CONTRACTOR FURNISHED / CONTRACTOR INSTALLED

TYP = TYPICAL

NIC = NOT IN CONTRACT

GENERAL SYMBOLS NOTES:

- 1. ALL SYMBOLS MAY NOT BE USED.
- 2. MOUNTING HEIGHTS ARE ABOVE FINISHED FLOOR OR GRADE TO THE CENTER LINE OF THE OUTLET, DEVICE, ETC. UNLESS INDICATED OTHERWISE.
- 3. LARGE AMPACITY CIRCUIT DESIGNATION EXAMPLE: 4 SETS OF 3#500, #250, #1/0G, 4"C MEANS IN EACH OF FOUR 4" CONDUITS INSTALL THREE 500 kCM CONDUCTORS, ONE 250 kCM NEUTRAL AND ONE #1/0 GROUND.
- 4. FOR CONCRETE SLAB PENETRATIONS WITH PVC, SEE DETAIL x, SHEET E-50x.

SINGLE LINE

CIRCUIT BREAKER, TRIP RATING AS INDICATED, 3 POLE OR AS INDICATED

DISCONNECT SWITCH OR LOAD INTERRUPTER SWITCH, CURRENT RATING AS INDICATED, 3 POLE OR AS INDICATED

SWITCH WITH GROUND FAULT INTERRUPTER

5 F30 FRS FUSE, CURRENT RATING AND TYPE WHEN INDICATED

TRANSFORMER, DESCRIPTION AS NOTED OR PER SCHEDULE



- PHASE SELECTOR SWITCH
- AMMETER
- VOLTMETER
- WH) WATT-HOUR METER
- SPD SURGE PROTECTIVE DEVICE
 - AUTOMATIC TRANSFER SWITCH
- G GENERATOR

COLOR LEGEND:

EXISTING TO REMAIN

DEMOLISH

NEW CONSTRUCTION

LINESTYLE LEGEND:

---- DEMOLISH

EXISTING TO REMAIN

----- NEW

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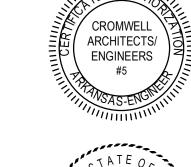
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REGISTERED ARKANSAS

ARKANSAS

PROFESSIONAL
ENGINEER

No. 22761

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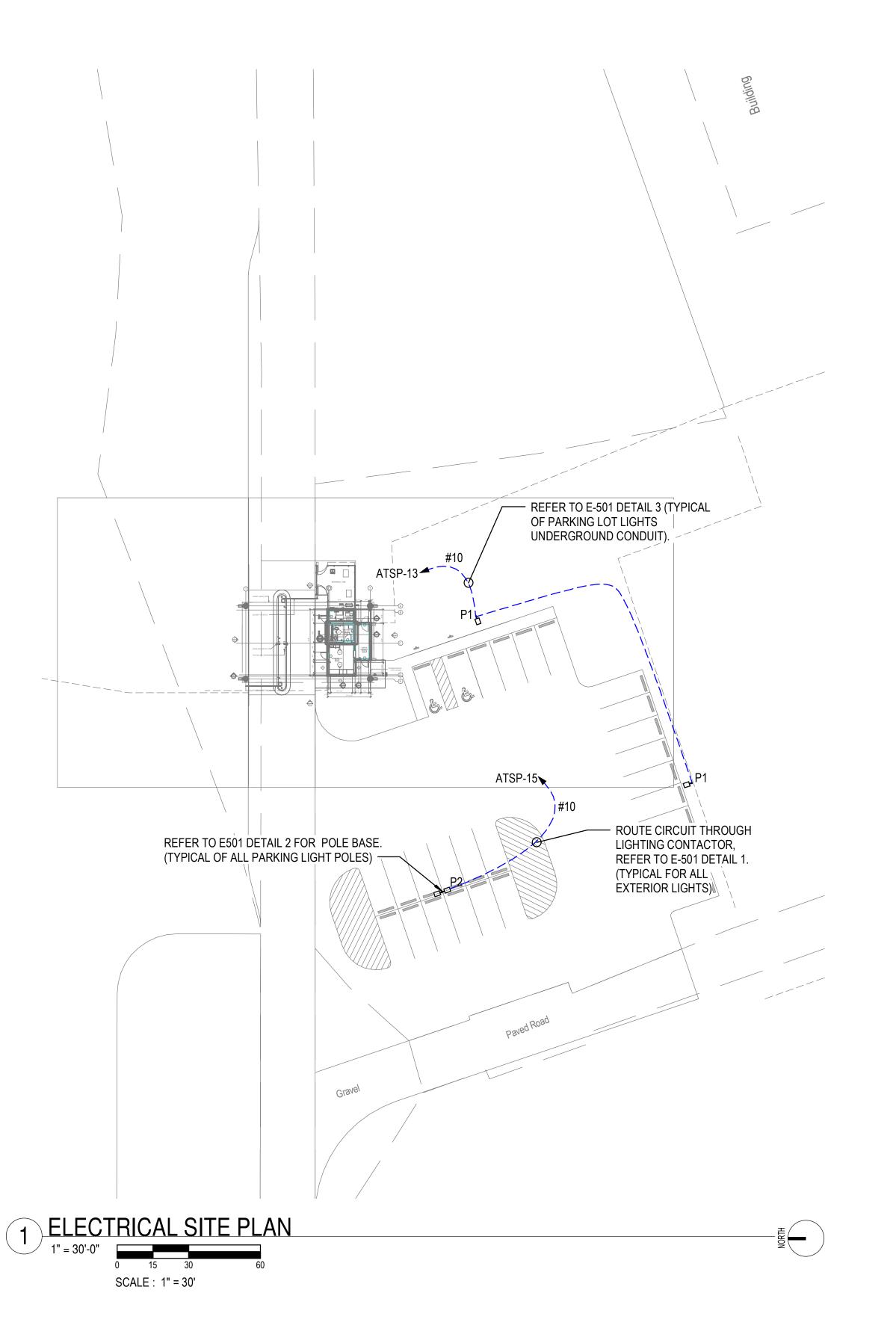
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ELECTRICAL LEGEND

Sheet Number ——

E-001



GENERAL NOTES:

- A. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION. ANY DAMAGE TO UTILITIES SHALL BE REPAIRED AT CONTRACTORS EXPENSE
- B. COORDINATE WITH EACH LOCAL UTILITY COMPANY FOR CONNECTION OF NEW LINES AND METERS. PAY COSTS IF ANY.
- C. ALL UTILITIES ROUTED UNDERGROUND MAY REQUIRE SAW CUTTING EXISTING PAVEMENTS AND ROAD. PATCH ALL PAVEMENTS AND ROAD TO MATCH EXISTING.

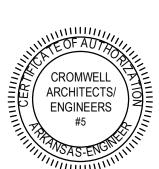


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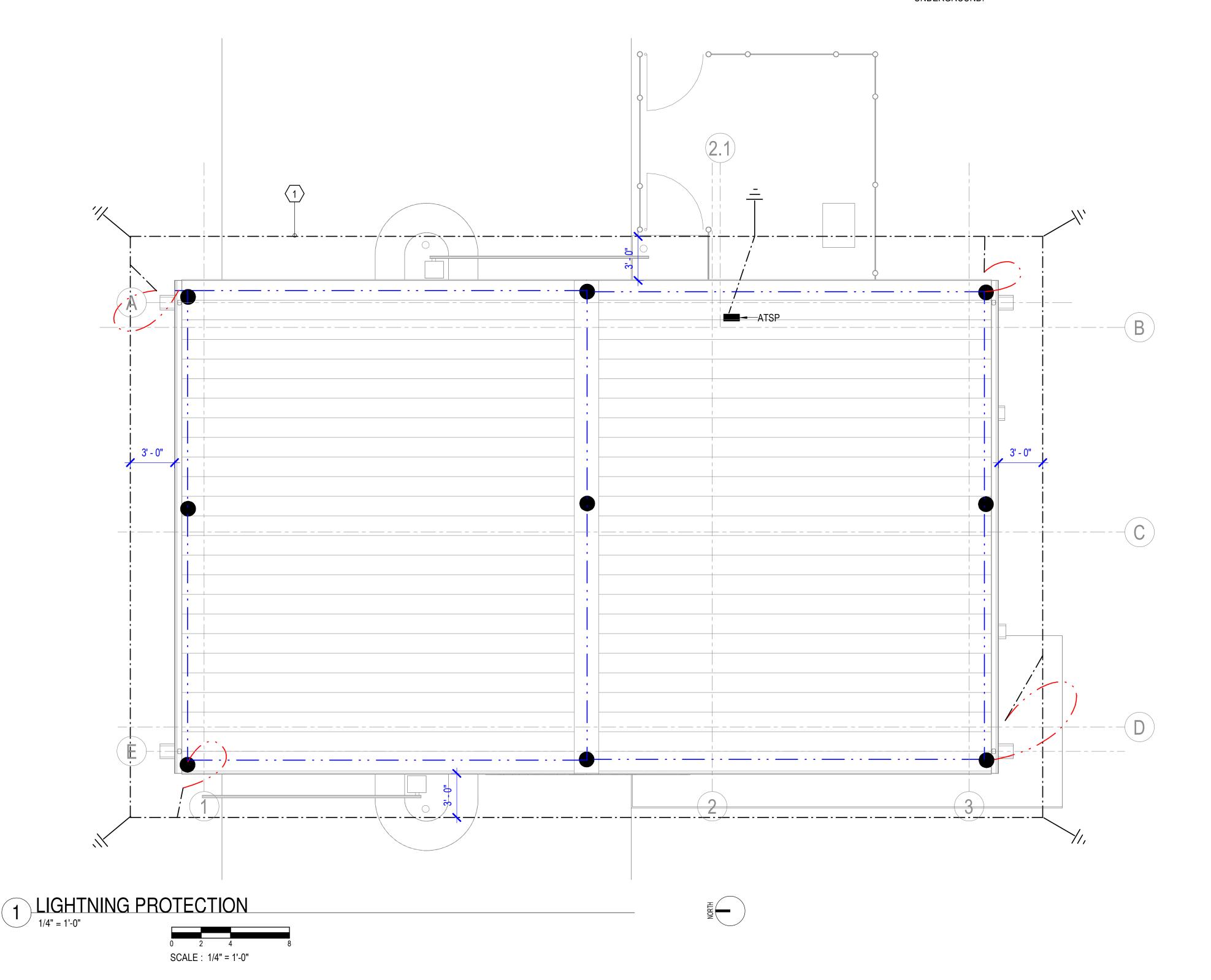
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ELECTRICAL SITE PLAN

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KEYED NOTES:

PROVIDE 4/0 BARE COPPER COUNTERPOISE AROUND PERIMETER OF BUILDING. LOCATE COUNTERPOISE 3'-0" MINIMUM AWAY FROM THE BUILDING PERIMETER. THE COUNTER POISE IS INSTALLED 3'-0" UNDERGROUND.



GENERAL NOTES:

- LIGHTNING PROTECTION DESIGN IS TO SHOW INTENT ONLY, CONTRACTOR SHALL ENGAGE A THIRD PARTY LIGHTNING PROTECTION DESIGNER / ENGINEER WHOSE SOLE PURPOSE IS DESIGNING AND CERTIFYING LIGHTNING PROTECTION SYSTEMS TO PROVIDE A COMPLETE SYSTEM WITH UL MASTER LABEL.
- LOCATE AIR TERMINALS AS SHOWN AND AS REQUIRED BY NFPA 780. ENSURE THAT ALL AIR TERMINALS ARE WITHIN 2'-0" OF OUTSIDE BUILDING EDGE, OUTSIDE CORNER. ENSURE AIR TERMINAL PROJECTS 10" ABOVE OBJECT PROTECTED AND THAT SPACING DOES NOT EXCEED 20'-0". AIR TERMINALS 2'-0" ABOVE OBJECT PROTECTED SHALL NOT EXCEED SPACING OF 25'-0".
- MAINTAIN DOWNWARD OR HORIZONTAL COURSING OF MAIN CONDUCTOR CABLE AND ENSURE THAT ALL BENDS HAVE AT LEAST AN 8" RADIUS AND DO NOT EXCEED 90 DEGREES.
- SUPPORT ALL EXPOSED CONDUCTOR CABLE AT 3'-0" ON CENTER MAXIMUM.
- BOND TO WATER SERVICE AND OTHER PIPING SYSTEMS AS REQUIRED BY CODE(S).
- F. INTERCONNECT LIGHTNING PROTECTION GROUND WITH OTHER BUILDING GROUND SYSTEMS AS REQUIRED BY CODE(S).
- BOND METAL BODIES ON ROOF THAT ARE OUTSIDE THE ZONE OF PROTECTION THAT ARE SUBJECT TO A DIRECT LIGHTNING STRIKE OR WHICH EXCEED THE HEIGHT OF ADJACENT AIR TERMINALS WITH MAIN SIZE CONDUCTOR CABLE. TYPICAL METAL BODIES INCLUDE BUT ARE NOT LIMITED TO: EXHAUST FANS, VENTS, HANDRAILS, AIR HANDLING UNITS, LADDERS, ANTENNAS, COOLING TOWERS, SKYLIGHTS, ETC.
- H. ACTUAL JOBSITE CONDITIONS MAY ALTER SOME AIR TERMINAL AND GROUNDING LOCATIONS.
- INSTALL GROUND ELECTRODES AS SHOWN AND AS REQUIRED BY CODE(S) BUT IN NO INSTANCE SHALL THEY BE LESS THAN 1'-0" BELOW GRADE AND 2'-0" FROM FOUNDATION WALL. ELECTRODES SHALL PENETRATE EARTH AT LEAST 10'-0".
- STRUCTURAL STEEL MAY BE USED AS A DOWN CONDUCTOR WHERE PERMITTED BY NFPA 780. MAKE ADDITIONAL CONNECTIONS AS REQUIRED BY NFPA 780.
- ADJUST LOCATIONS IN FIELD AS REQUIRED TO COMPLY WITH NFPA 780 BASED ON ACTUAL CONDITIONS.
- PROVIDE SURGE PROTECTION DEVICES MEETING THE REQUIREMENTS OF NFPA 780 FOR ALL POWER SERVICE ENTRANCES AND CONDUCTIVE COMMUNICATIONS SYSTEMS, AND ANTENNA SYSTEMS. MAKE ALL CONNECTIONS.
- PROTECT DOWN CONDUCTORS IN CONDUIT, ENTIRE VERTICAL ROUTING ON EXTERIOR OF BUILDING. PAINT TO MATCH ADJACENT
- REPAIR AREAS DISTURBED FOR GROUND ROD INSTALLATION TO EXISTING OR BETTER CONDITIONS AND GRADE PRIOR TO INSTALLATION. CUT CONCRETE AT EXISTING JOINTS WHERE APPLICABLE.

LIGHTNING PROTECTION LEGEND:

— - - — SURFACE MOUNTED LIGHTNING PROTECTION MAIN CONDUCTOR AIR TERMINAL



GROUND ROD



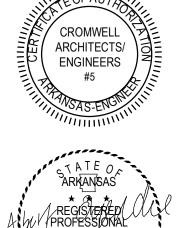
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LIGHTNING PROTECTION PLAN

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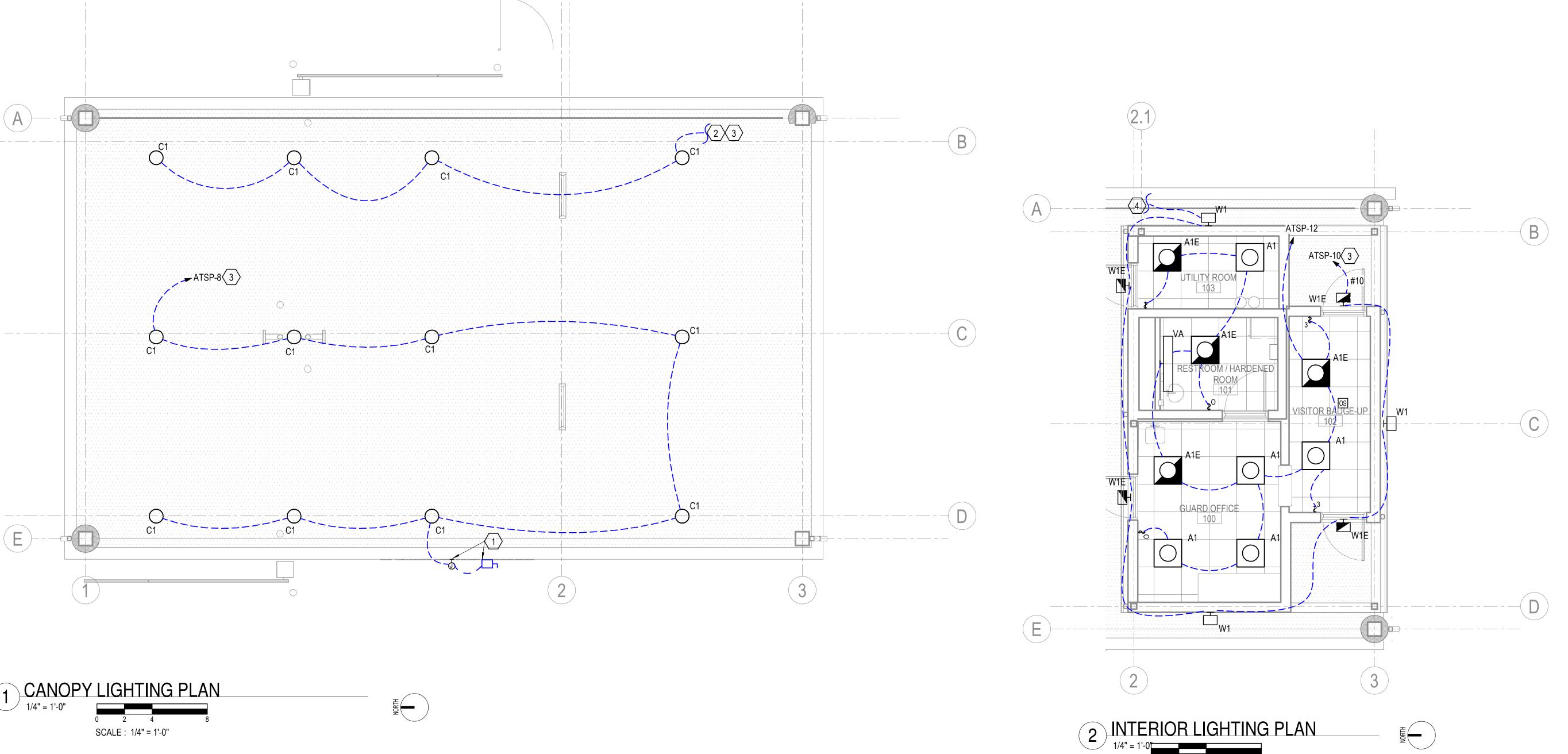
GENERAL NOTES:

- A. MOUNT TYPE VA LIGHT FIXTURE 7'-0" ABOVE FINISHED FLOOR.
- 3. TYPE C1 LIGHTS SHALL BE SURFACE MOUNTED ON CANOPY.
- C. ALL EXIT LIGHTS SHALL BE POWERED FROM UNSWITCHED LIGHTING CIRCUIT INDICATED.
- . MOUNT ALL EXIT LIGHTS 1' ABOVE DOOR JAMB.

KEYED NOTES:

SCALE: 1/4" = 1'-0"

- JUNCTION BOX POWERS SIGN LIGHTING, PROVIDED 30A, 240V 2POLE DISCONNECT. COORDINATE WITH INSTALLER FOR EXACT LOCATION.
- PARTIAL CIRCUIT SEE DETAIL 2 FOR CONTINUATION TO LIGHTS POWERING WALL PACKS. ALL EXTERIOR LIGHTS SHALL BE ROUTED VIA LIGHTING CONTACTOR, REFER TO E501 DETAIL 1.
- POWER EXTERIOR LIGHTING THROUGH LIGHTING CONTACTOR REFER TO E-501 DETAIL 1.
- PARTIAL CIRCUIT REFER TO DETAIL 1 KEYNOTE 2 ON THIS SHEET FOR CONTINUATION.





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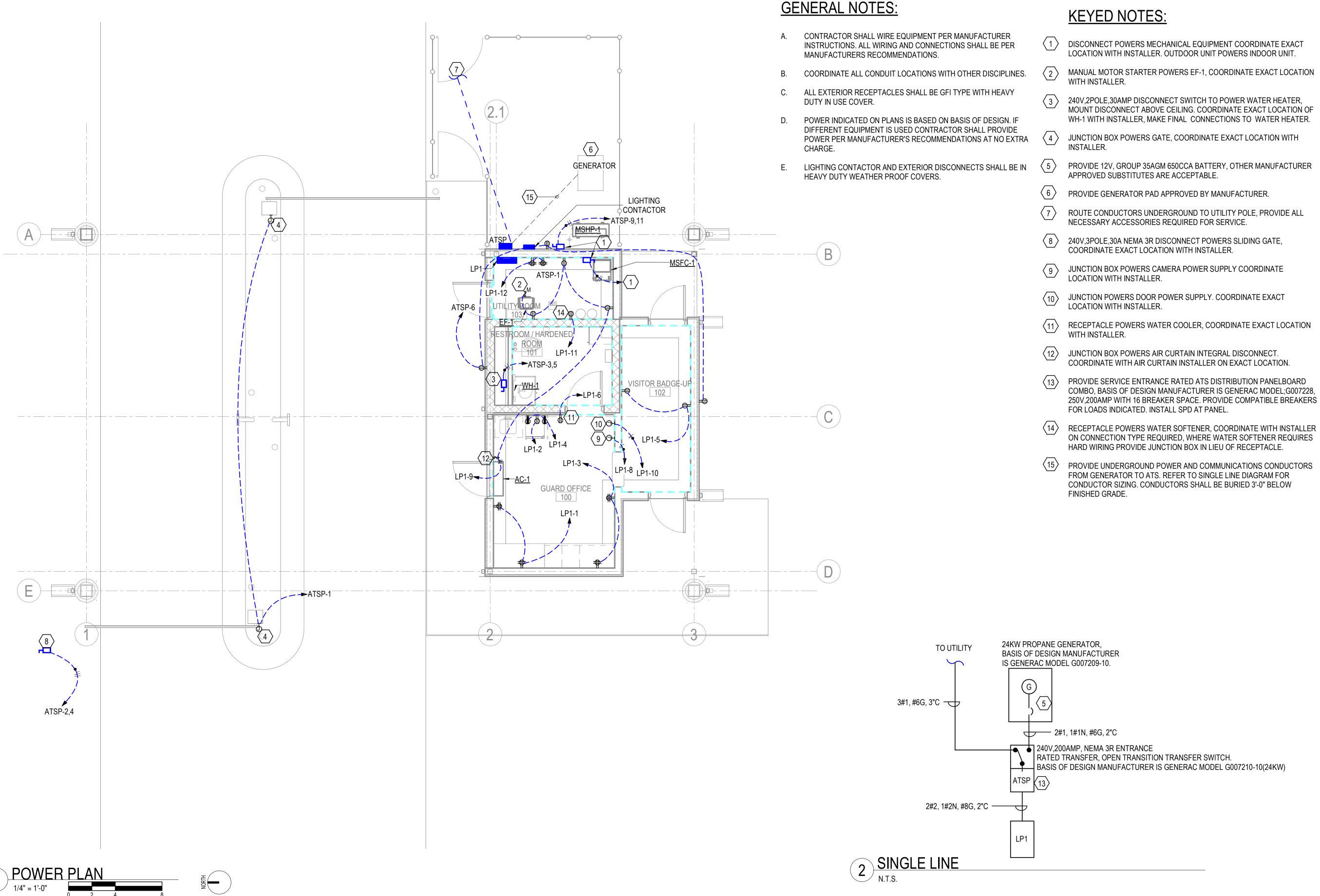
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LIGHTING PLAN

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EL101



SCALE: 1/4" = 1'-0"

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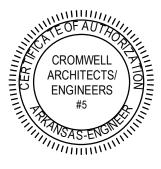
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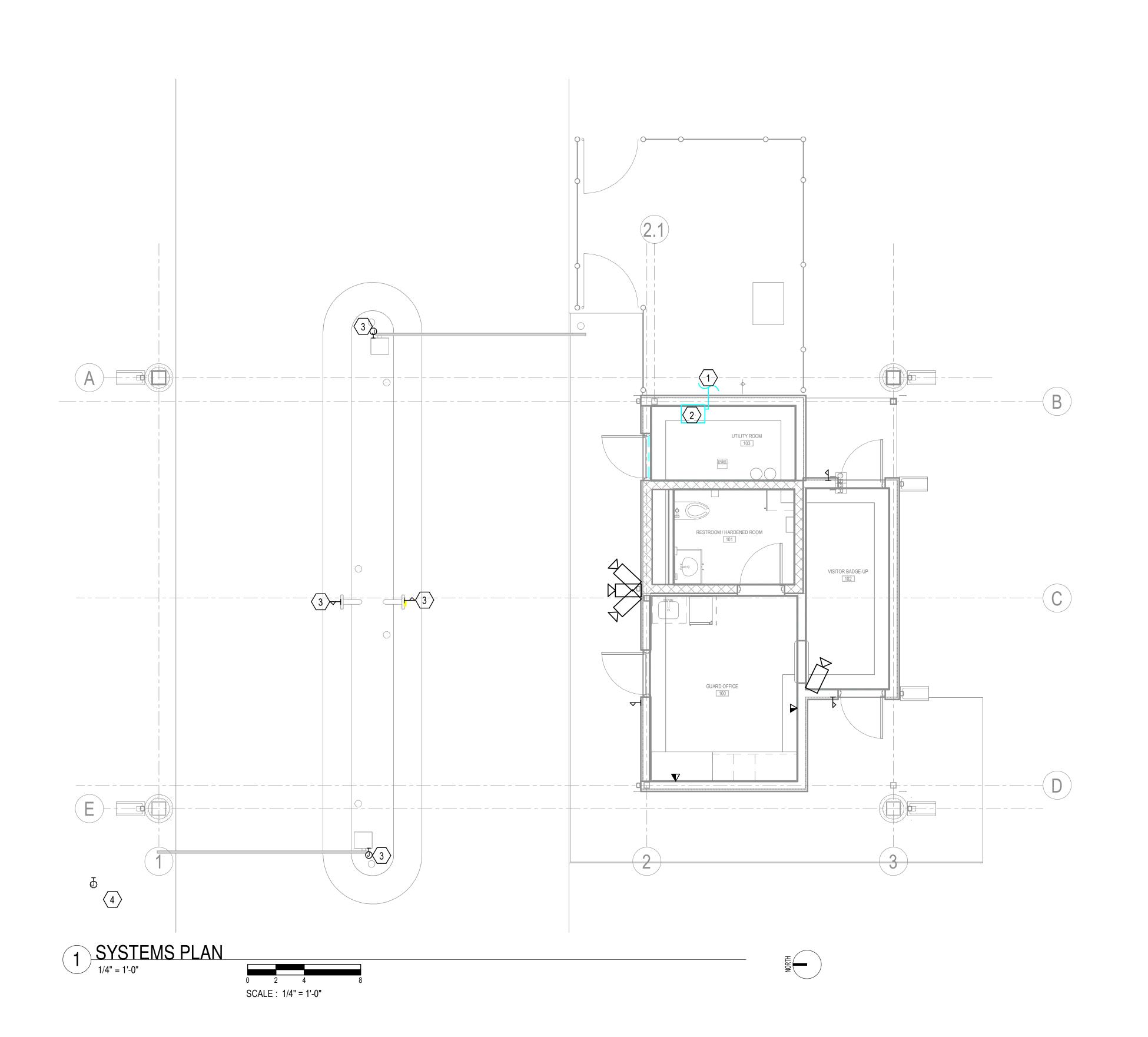
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POWER PLAN & SINGLE LINE DIAGRAM

Sheet Number

EP101





GENERAL NOTES:

- A. ALL LOW VOLTAGE CABLING SHALL BE INSTALLED IN CONDUIT. ROUTE CONDUIT TO UTILITY ROOM.
- B. ALL SECURITY CABLING SHALL BE ROUTED TO UTILITY ROOM OR AS DIRECTED BY SECURITY VENDOR.
- C. PROVIDE 24 PORT PATCH PANEL AND TERMINATE CAT 6 DATA CABLES TO THIS PATCH PANEL. LOCATE PATCH PANEL BELOW FIBER OPTIC PATCH PANEL.
- D. PROVIDE A 1500KVA RACK MOUNT UPS TO POWER EQUIPMENT LOCATED IN THE RACK.

KEYED NOTES:

- ROUTE UNDERGROUND CONDUIT TO FIBER LOCATION NEAR BUILDING, EXTEND FIBER TO A 24 PORT PATCH PANEL.
- PROVIDE A 24 PORT FIBER AND COPPER PATCH PANEL IN A WALL MOUNTED RACK.
- PROVIDE DATA COMMUNICATIONS JUNCTION BOX. PROVIDE 1" CONDUIT ROUTED TO GUARD POST BUILDING. COORIDINATE EXACT LOCATION WITH SECURITY INSTALLER.
- JUNCTION BOX IS FOR ROLLING GATE COMMUNICATION CABLES. ROUTE A 1.25" CONDUIT TO GATE CONTROL LOCATION. COORDINATE CONTROL LOCATION WITH OWNER.

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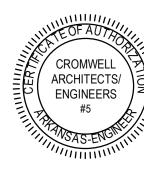
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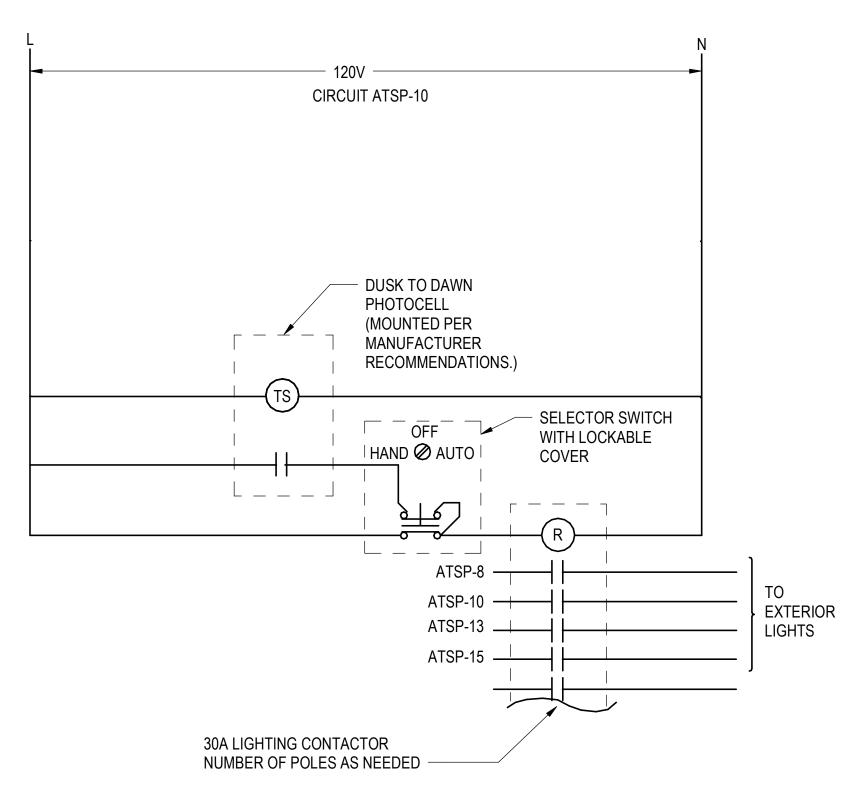
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SYSTEMS PLAN

Sheet Number –

ET101

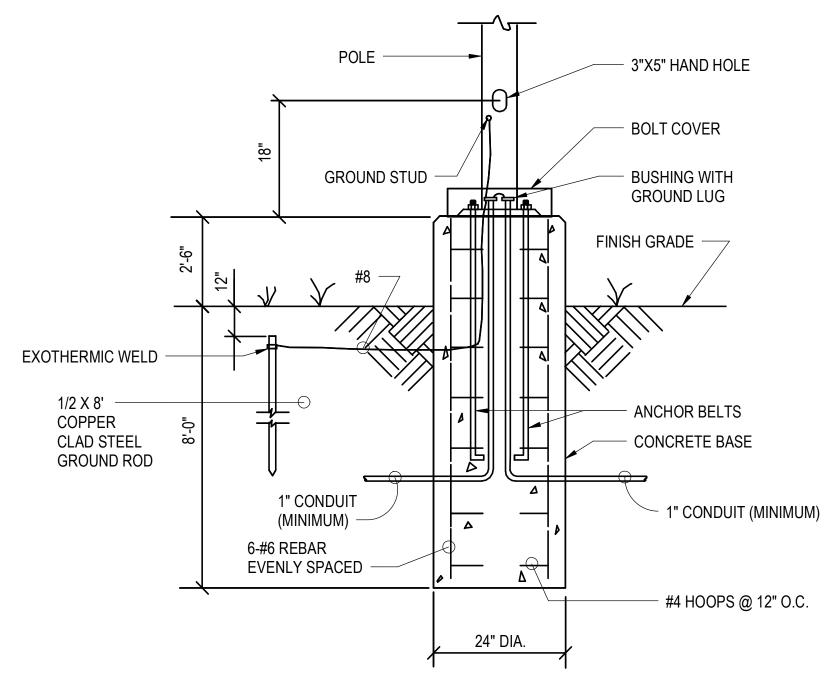


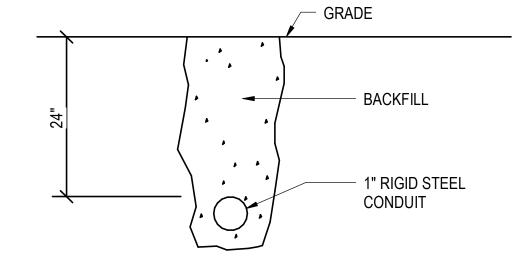
NOTES

1. PROVIDE LOCK AND 2 KEYS FOR SELECTOR SWITCH COVER.

2. PROVIDE NEMA 3R ENCLOSURE FOR PHOTOCELL, SWITCH, AND CONTACTOR.







2 LIGHTING POLE BASE TYPE 1
N.T.S.

3 TYPICAL UNDERGROUND RACEWAY



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ELECTRICAL DETAILS

2024-052

Sheet Number —

E-501

			LIG	HTING	FIXTURE SCH	EDULE		
TYPE	MANUFACTURER	CATALOG NUMBER	VOLTAGE	SOURCE	TOTAL FIXTURE LUMENS	MAXIMUM FIXTURE WATTAGE	DESCRIPTION	KEYED NOTES
A1	COOPER LIGHTING	22CGTX-45-L835	UNV	LED	4500	36	2X2 RECESSED LED PANEL	
A1E	COOPER LIGHTING	22CGTX-45-EL7W-L835	UNV	LED	4500	36	2X2 RECESSED LED PANEL	1
C1	COOPER LIGHTING	TT-D8-740-U-WQ-NW	UNV	LED	18000	153	CANOPY LED LIGHTS	
VA	COOPER LIGHTING	4AWS-L3C39-CA-UNV	UNV	LED	4000	32	VANITY FIXTURE	
P1	BEACON LIGHTING	(1) VP-4-720L-565-4K7-4W-UNV-DBT	UNV	LED	75000	565	PARKING LOT LIGHTING	
P2	BEACON LIGHTING	(2) VP-4-720L-565-4K7-4W-UNV-DBT	UNV	LED	75000 PER HEAD	565 PER HEAD	PARKING LOT LIGHTING	
P-POLE	BEACON LIGHTING	RSS-B-30-60-C-XX-DBT	-	-	-	-	30'-0" SQUARE POLE	3
W1	COOPER LIGHTING	PRV-P-PA1B-740-U-T4W-WM-BK	UNV	LED	4000	59	EXTERIOR WALL PACK	
W1E	COOPER LIGHTING	PRV-P-PA1B-740-U-T4W-WM-BK-CBP	UNV	LED	4000	59	EXTERIOR WALL PACK	1
Х	COOPER LIGHTING	EDG-1-R-EL	120/277	LED	N/A	3.1	EXIT LIGHT, ARROWS AND FACES PER PLANS	1

LIGHTING FIXTURE SCHEDULE GENERAL NOTES:

1. PROVIDE FLANGE KIT AS REQUIRED

LIGHTING FIXTURE SCHEDULE KEYED NOTES:

- 1. 90 MIN BATTERY BACK UP.
- 2. CHAIN MOUNT AT 9'-0" AFF UNLESS NOTED OTHERWISE
- 3. PROVIDE 2 LOCATION ARMS FOR TYPE P2 LIGHTS AND SINGLE LOCATION ARM FOR TYPE P1 LIGHT

GENERAL NOTES:

COORDINATE ALL LIGHT FIXTURE AND POLE FINISHES WITH OWNER.

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

<u>LOAD TYPE</u> 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

	PANEL.	ΑI	SP	_ MOUNTING	SURFA	CE	_ LC	CATION	M	ECH RM	MAIN BUS RATING	2()()	AMPS	
	MAIN	С	В	POLES	2		FRAME	100	TRIP	100					
VC					<u>- </u>				ER INTERRUPTING CAPACITY	10	KA	-			
	A	CCESS	ORIES	SN + EQP GND + SPD *PREW	IRED GEI	NERA	AC ATS DIS	STRIBUTI	ON P	ANELBO	ARD ATS COMBO"				
	DEVICE			BRANCH CIRCUIT			PHASE	LOAD			BRANCH CIRCUIT			DEVICE	=
AMPS	POLES	TVDE			VOLT	NO	VOLT A	AMPS	NO	VOLT			TVDE	POLES	AMPS
TRIP	I OLLO	111 -	LOAD	DESCRIPTION	AMPS	INO	Α	В		AMPS	DESCRIPTION	LOAD	1	OLLO	TRIP
20	1		М	BARRIER GATE OPERATOR	1242	1	2162		2	920	ROLLING GATE	M		2	20
15			M	WATER HEATER	1800	3		2720		920	-	M			_
-			M	-	1800	5	2340		6		EXT RECEPTS	R		1	20
20	1			SPARE		7		918		918	CANOPY LIGHTING & SIGN	L		1	20
20	2		Н	MSFC-1	1435	9	2401		10		EX WALL PACK & CANOPY	L		1	20
-			Н	-	1435	11		1687	12	252	INTERIOR LIGHTS	L		1	20
20	1		L	PARKING LOT LIGHTING	1150	13	4840		14	3690		M		2	80
20	1		L	PARKING LOT LIGHTING	1150	15		3510		2360	-	M		-	-
						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						
					TOTAL		11743	8835			KVA (CONNECTED)			•	ECTED)
										18	KVA (DEMAND)	76	AMPS	(DEMAN	۷D)

	PANEL	LF		MOUNTING	SURFA	CE	_ LC	CATION	UTI	LITY RM	MAIN BUS RATING	1(00	AMPS	
	MAIN	С	В	POLES	2		FRAME	80	TRIP	80					
VC	LTAGE	120/	/240	PHASE	1			MIN	MUM	BREAKE	R INTERRUPTING CAPACITY	10	KA	_	
	A	CCESS	ORIES	SN + EQP GND										_	
	DEVICE			BRANCH CIRCUIT			PHASE	LOAD			BRANCH CIRCUIT			DEVICE	
AMPS	POLES	TVDE			VOLT	NO	VOLT	AMPS	NO	VOLT			TVDE	POLES	AMPS
TRIP	PULES	ITPE	LOAD	DESCRIPTION	AMPS	INO	Α	В	NO	AMPS	DESCRIPTION	LOAD	ITPE	PULES	TRIP
20	1		R	RECEPTS OFFICE	720	1	1520		2	800	FRIDGE OFFICE 100	М	G	1	20
20	1		R	RECEPTS OFFICE	720	3		1080	4	360	RECEPTS COUNTER RM 100	R	G	1	20
20	1		R	VISITOR BADGE UP RECPT	360	5	960		6	600	WATER COOLER	М	G	1	20
20	1			SPARE		7		500	8	500	CAMERA POWER SUPPLY	М		1	20
20	1	G	R	RCPS RM103, AC & EF-1	710	9	1210		10	500	DOOR POWER SUPPLY	М		1	20
20	1	G	R	WATER SOFTNER MECH	180	11		1680	12	1500	SERVER RACK	М		1	20
20	1			SPARE		13			14		SPARE			1	20
20	1			SPARE		15			16		SPARE			1	20
20	1			SPARE		17			18		SPARE			1	20
20	1			SPARE		19			20		SPARE			1	20
20	1			SPARE		21			22		SPARE			1	20
20	1			SPARE		23			24		SPARE			1	20
						25			26						
						27			28						
						29			30						
						31			32						
						33			34						
						35			36						
						37			38						
						39			40						
						41			42						
	1		1		TOTAL	1	3690	3260		7	KVA (CONNECTED)	29	AMPS	(CONNE	ECTED)
											KVA (DEMAND)			(DEMAI	'



1300 East 6th Street Little Rock, AR 72202 501.372.2900 cromwell.com

AEROJET New Guard Post - 2

> CONSTRUCTION **DOCUMENTS**

No.	Date	Description
Stam	p ——	

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> **ELECTRICAL** SCHEDULES

Sheet Number —

Sheet Title —