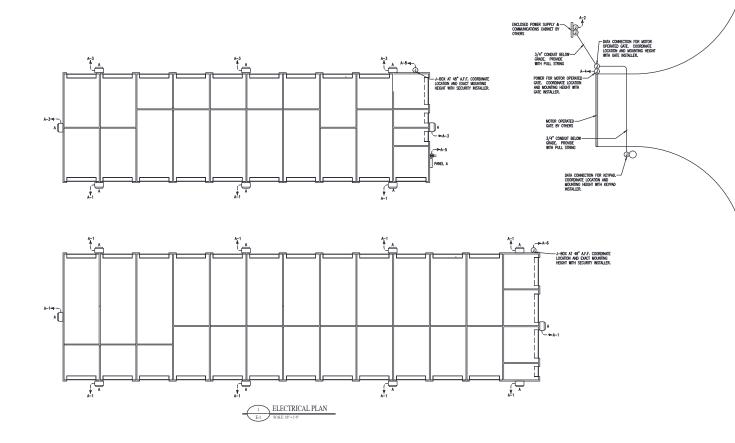


	ı	LIGHTING LEGEND
MARK	SYMBOL	DESCRIPTION
٨		LED WALL PACK, LINNORE ANZOS-A2-ADJ-MD, 40W ADJUSTABLE TO 10MP, PROVIDE WITH PHOTOCELL FORTURE SHALL BOW, PROVIDE WITH PHOTOCELL FORTURE SHALL BOW ADDITION IS DETECTED. WHEN MOTION IS DETECTED, LIGHT OUTPUT TEMPORARILY NOMERSES TO 100%.





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NEW STORAGE BUILDINGS FOR:
STORE-IT-SAFE
SELF-STORAGE Moulton Springs Road Erwin, North Carolina



DRAWN SJB JNK 6/24/2024 AS NOTED

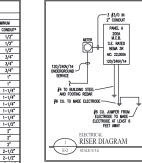
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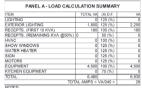
E-1

PANELBOARD SCHEDULE										
	PANEL	A	VOLTS:	240W120		MOUNT	SURFACE			
	MAIN	MCB (S.E. RATED)	AMPS:	200		AC	22,000			
		NEMA 3R	PHASE	1		LOC	EXTERIOR			
	AMPS/		LOAD	LOAD BY F	HASE, VA	LOAD		AMPS/		
CR.	POLES	DESCRIPTION OF LOAD	VA.	Α	В	101	DESCRIPTION OF LOAD	POLES	CIR.	
- 1	20/1	EXTERIOR LIGHTING	1,000	2,000	><	1,000	SEC. PS & COMMS CAB. (LO)	20/1	2	
3	20/1	EXTERIOR LIGHTING	800		2,300	1,500	MOTOR OPERATED GATE (LO)	20/1	- 4	
- 6	20/1	EXTERIOR SERVICE RECEPT.	180	1,180		1,000	BUILDING SECURITY BOX (LO)	20.4	- 6	
7				3-5	1,000	1,000	BUILDING SECURITY BOX (LO)	20/1	- 8	
9				0					10	
11				-	0				12	
13				0					14	
15				_	0				16	
17				0					18	
19					0				20	
21				0	3				22	
23					0				24	
25				0					26	
27					0				28	
29				0					30	
31				3	0				32	
33				0					34	
35				-	0				35	
37				0					38	
39				-	0				40	
41				0	-				42	
CONNECTED VA PER PH			3,180	3,300						
		TOTAL AMPERES PER PH	ASE	27	28					

(LO) - DENOTES BREAKER LOCK-OUT

OVERCURRENT	TYPE							
PROTECTION	0	OPPER	ALUMNUM					
	WRE*	CONDUIT*	WRE*	CONDU				
15	∮ 14	1/2*	∮ 12	1/2"				
20	#12	1/2*	# 10	1/2*				
25	# 10	1/2*	∮ 10	1/2"				
30	# 10	1/2*	# 8	3/4*				
35	#8	1/2*	#8	3/4"				
40	#8	3/4"	#8	3/4*				
45	#8	3/4"	# 6	1"				
50	# 8	3/4"	# 6	1"				
55	#6	1"	#4	1-1/4				
60	# 6	1*	#4	1-1/4				
70	#4	1-1/4"	#3	1-1/4				
80	#4	1-1/4"	# 2	1-1/4				
90	# 3	1-1/4"	#2	1-1/4				
100	#3	1-1/4"	#1	1-1/2				
110	#2	1-1/4"	# 1/0	2*				
125	#1	1-1/2"	# 2/0	2*				
150	# 1/0	2*	# 3/0	2*				
175	# 2/0	2*	# 4/0	2-1/2				
200	# 3/0	2*	# 250	2-1/2				
225	#4/0	2"-1/2"	#300	2*-1/				

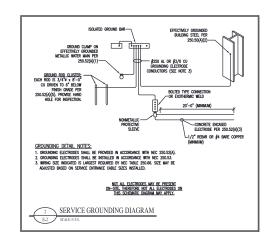




ROTES:
RECEPTACLES ARE CALCULATED PER NEC TABLE 220.44

ELECTRICAL NOTES:

- BREAKERS SHALL HAVE "AIC" RATING GREATER THAN THE FAULT CURRENT. ELECTRICAL CONTRACTOR IS TO CONTACT POWER COMPANY FOR ANALASE FAULT CURRENT. SERIES RATING IS PERMISSIBLE ALL PANELS ARE TO BE MARKED WITH ANALASE FAULT CURRENT VALUES IN ACCORDANCE WITH NEW CAPTILLS THAT CAPTER IT AND ANALASE THAT CURRENT AND AND ANALASE THAT CONTRACTOR AND ANALASE A
- 2. FUSES IN SERVICE DISCONNECTS SHALL BE CURRENT LIMITING TYPE.
- WIRE TO BE COPPER TYPE THINN (EXTERIOR) AND COPPER TYPE THINN (INTERIOR) OR APPROVED EXLAL UNLESS NOTED OTHERWISE.
- COORDINATE LOCATION OF ALL DEVICES AND MOUNTING HEIGHTS OF RECEPTACLES WITH OWNER.
- 5. ALL ELECTRICAL COMPONENTS ARE TO BE UL LISTED.
- EQUIPMENT GROUND CONDUCTOR TO BE PROVIDED IN ACCORDANCE WITH NEC SECTION 250.
- ALL INTERIOR WIRING TO BE RUN IN EMT OR MC CABLE EXCEPT WHERE PROHIBITED BY THE NATIONAL ELECTRIC CODE.
- ALL EXTERIOR LIGHTING FIXTURES SHALL HAVE INTEGRAL PHOTOCELL OR TO BE WIRED THROUGH A LIGHTING CONTACTOR AND CONTROLLED BY A PHOTOCELL EXTERIOR FIXTURES SHALL HAVE DIMMING CAPABILITIES.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CONDUIT AND EQUIPMENT WITH ALL OTHER TRADES PRIOR TO BEGINNING INSTALLATION TO AVOID CONFLICTS AND INTERFERENCE WITH OTHER TRADES.
- FINAL UTILITY CONNECTIONS (GAS, ELECTRIC, WATER, ETC.) TO EQUIPMENT SHALL BE MADE BY THE CONTRACTOR INSTALLING THE EQUIPMENT REQUIRING THE UTILITIES.
- ELECTRICAL DRAWINS ARE DIAGRAMMATIC. THERE IS NO INTENT TO INDICATE ALL FITTINGS REQUIRED, GENERALLY, CONDUIT SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO AND PLUMB WITH WALL CONSTRUCTION.
- REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF WALL AND PARTITIONS AND FOR PARTITION THICKNESS AND CONSTRUCTION MATERIALS.
- 13. ALL RECEPTACLES 18" A.F.F. TO BOTTOM OF BOX UNLESS OTHERWISE NOTED.
- 14. ALL WRING IS REQUIRED TO BE PERMITTED AND INSPECTED FOR COMPLIANCE WITH CURRENT NEC
- ALL PRE-WIRED EQUIPMENT SHALL BE LISTED BY STATE OF NC APPROVED 3RD PARTY AGENCY, [NEC 90.7; 110.3(8)].
- ALL WIRING, INCLIDING LOW VOLTAGE, DATA, PHONE, FRE ALARM, SECURITY, HAIC CONTROLS, AND POWER SHALL BE PERMITTED AND INSPECTED PER NC GENERAL STATUES AND/OR LOCAL ORDINANCE.
- CLEARANCE REQUIRED AT ELECTRICAL EQUIPMENT, (NEC 110.26).
- Service equipment small be legibly marked in the field with the maximum available fault current. The field marking(s) small include the date the fault current calculation was performed and be of sufficient duribulity to withistand the emprovment involved. Nec 110.24(a)
- 19. ALL ELECTRICAL TO BE INSTALLED IN ACCORDANCE WITH 2020 NEC.





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ELECTRICAL NOTES AND DETAILS



SJB JNK 6/24/2024 AS NOTED

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