

# ELECTRICAL PLAN FOR EXISTING BUILDING S.B. 836 PINEY TOWNSHIP, CLARION COUNTY

MARCH 2025



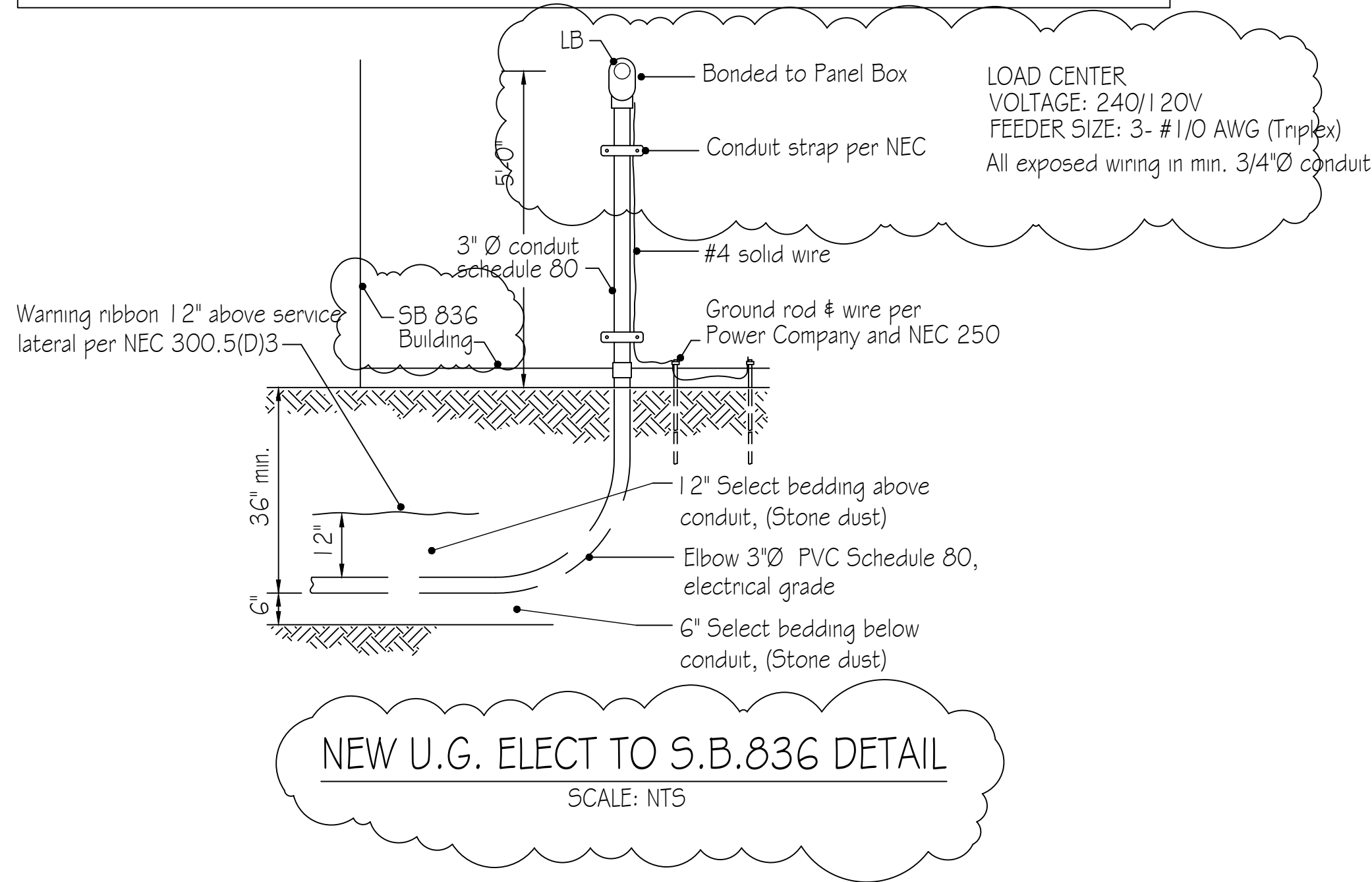
VICINITY MAP  
NOT TO SCALE

## GENERAL ELECTRICAL NOTES:

- FURNISH AND INSTALL SOLID COPPER CONDUCTORS AS SPECIFIED; NO ALUMINUM AND NO STRANDED. MC CABLE IS APPROVED FOR ALL HOME RUN CIRCUITS IF NEATLY INSTALLED. CONDUIT TO BE INSTALLED WITHIN 1'0" ABOVE FINISHED FLOOR.
- ALL CONDUCTORS FOR 120V CIRCUITS OVER 100' IN LENGTH SHALL BE MINIMUM #10AWG. ALL CONDUCTORS FOR 120V CIRCUITS OVER 150' IN LENGTH SHALL BE MINIMUM #8AWG. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF FINAL CIRCUIT LENGTHS AND CORRESPONDING WIRE SIZE TO ENSURE VOLTAGE DROP IS MAINTAINED WITHIN NEC LIMITS.
- ALL WORK SHALL BE PERFORMED AS REQUIRED BY APPLICABLE SECTION OF THE NATIONAL ELECTRICAL CODE (NEC), LATEST EDITION, AND ALL GOVERNING UCC BUILDING CODES AND REGULATIONS.
- PROVIDE GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS. ELECTRICAL COMPONENTS, DEVICES AND ACCESSORIES SHALL BE LISTED AND LABELED AS DEFINED IN NFPA 70 AND COMPLY WITH UL 467 FOR GROUNDING AND BONDING MATERIALS AND EQUIPMENT. INSTALL INSULATED EQUIPMENT GROUNDING CONDUCTORS ALL FEEDERS AND BRACH CIRCUITS, LIGHTING CIRCUITS, RECEPTACLE CIRCUITS SINGLE PHASE MOTOR AND APPLIANCE BRANCH CIRCUITS, ARMORED AND METAL-CLAD CABLE RUNS AND AS REQUIRED BY NFPA 70.
- PROVIDE ALL HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS, INCLUDING STEEL SLOTTED SUPPORT SYSTEMS, CONDUIT AND CABLE SUPPORT DEVICES, SUPPORTS FOR CONDUCTORS IN VERTICAL CONDUIT. HANGERS AND SUPPORTS SHALL HAVE A FLAME RATING OF CLASS 1 AND BE SELF-EXTINGUISHING ACCORDING TO ASTM D 635.
- REMOVE EXISTING SUBPANEL AND PROVIDE ACCESSIBLE JUNCTION BOX TO SPLICE PROPOSED CIRCUITS INTO THE EXISTING CONSTRUCTION CIRCUITS.

## DETAIL (BIDDING) NOTE:

UNDERGROUND ELECTRICAL CONDUIT SHOWN BELOW IS FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR (E.C.) SHALL FURNISH AND INSTALL NEW ELECTRICAL CONDUCTORS IN PROPOSED UNDERGROUND CONDUIT TO STORAGE BUILDING. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL NEW ELECTRICAL METAL CONDUIT WITH SUPPORTS AND HANGERS ROUTED IN EXISTING BUILDING, PROVIDE ALL FITTINGS AS REQUIRED. FURNISH AND INSTALL NEW ELECTRICAL GROUNDING/BONDING FOR THE NEW ELECTRICAL PANEL.



LOAD CENTER VOLTAGE: 240/120V FEEDER SIZE: 3- #1/0 AWG (Triplex)					
All exposed wiring in min. 3/4"Ø conduit					
Circuit No.	Circuit Breakers		100 AMP Main Breaker	Wiring	Conduit
	Poles	Amps		No./Size	Size
1	2	50	220 Volt Welding Outlet	3 - #6	1-1/4"
3	2	50	220 Volt Welding Outlet	3 - #6	1-1/4"
2	2	20	Water Pump	2 - #12	3/4"
4	2	30	East Garage Door	2 - #10	1-1/4"
5	1	20	West Garage Door	2 - #12	3/4"
6	1	20	Bathroom Receptacles	2 - #12	3/4"
7	1	20	Air Compressor	2 - #10	3/4"
8	1	20	Meeting Room Receptacles	2 - #12	3/4"
9	1	20	Northwest Receptacles	2 - #12	3/4"
10	1	20	Northeast Receptacles	2 - #12	3/4"
11	1	20	East Receptacles	2 - #12	3/4"
12	1	20	West Receptacles	2 - #12	3/4"
13	1	20	South Receptacles	2 - #12	3/4"
14	1	20	Shop Lights	2 - #12	3/4"
15	1	20	Shop Lights	2 - #12	3/4"
16	1	20	Exterior Lights	2 - #12	3/4"
17	1	20	Meeting Room Lights	2 - #12	3/4"
18	1	20	Bathroom Lights	2 - #12	3/4"
19	1	20	Emergency Lighting	3 - #12	3/4"

## EXISTING HPA PANEL SCHEDULE NOTES:

- Existing Building L#1 File No. 202100106
- Existing circuits 5, 7, 10, 12, 22, & 23 to be junction boxed to new panel box.

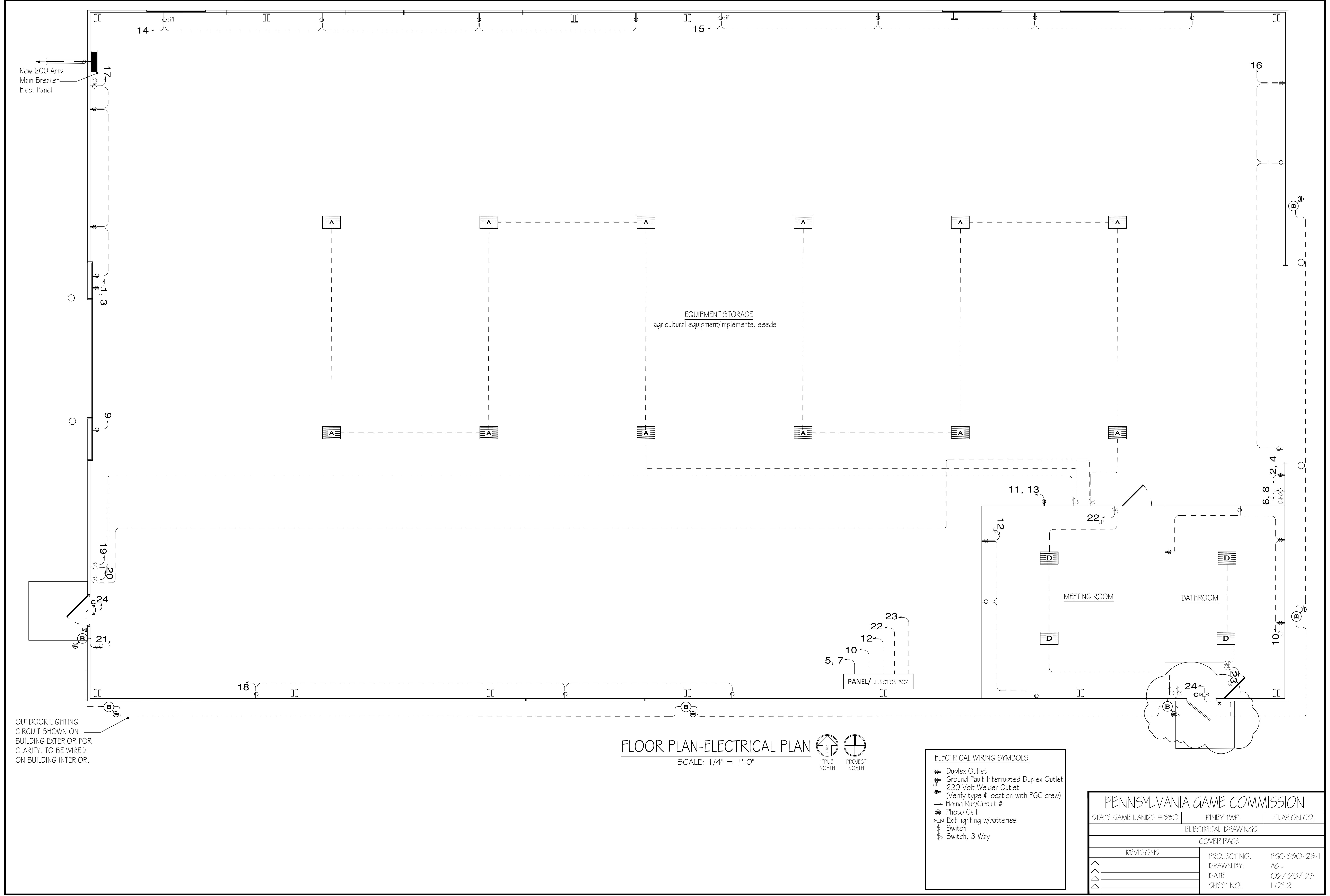
**NOTE: EXISTING CIRCUITS 5, 7, 10, 12, 22, & 23 FROM MEETING ROOM AND BATHROOM ARE EXISTING AND TERMINATE AT EXISTING PANEL/JUNCTION BOX. NEW HOME RUNS ARE TO BE PROVIDED FROM NEW PANEL BOX TO EXISTING PANEL/JUNCTION BOX.**

LIGHTING FIXTURE SCHEDULE			
MARK	QTY	LIGHTING SCHEDULE	MODEL
A	12	15.25" x 22" 4 LAMP LED HIGH BAY	LITHONIA IBH 15000LM 5D080 MD O210 40K 80 CRI
B	6	Dusk/Dawn, Wall Mount/Outside Unit 26 WATT LED	RAB SMSLE5 2X13 BRONZE
C	2	Exit & Emergency combo light w/batteries & remote head	LITHONIA ECRLEDHO MG w/ELA LED WP M12
D	4	Existing Light Fixture	

## LIGHTING FIXTURE SCHEDULE NOTES:

- Quotes for lighting fixtures can be provided by Gene Grassel of Dauphin Electric @ 717-986-9358.
- Receptacles and switch mounting heights - 48" A.F.F.

PENNSYLVANIA GAME COMMISSION		
STATE GAME LANDS #330	PINEY TWP.	CLARION CO.
ELECTRICAL DRAWINGS		
COVER PAGE		
REVISIONS		
△ 4/10/2025 - L&L Conterra	PROJECT NO.	PGC-330-25-1
△ 5/21/2025 - L&L Conterra	DRAWN BY:	AOL
△	DATE:	02/28/25
△	SHEET NO.	1 OF 2







SITE PLAN, BUILDING S.B. 836  
PINEY TOWNSHIP, CLARION COUNTY  
SCALE: 1" = 20'