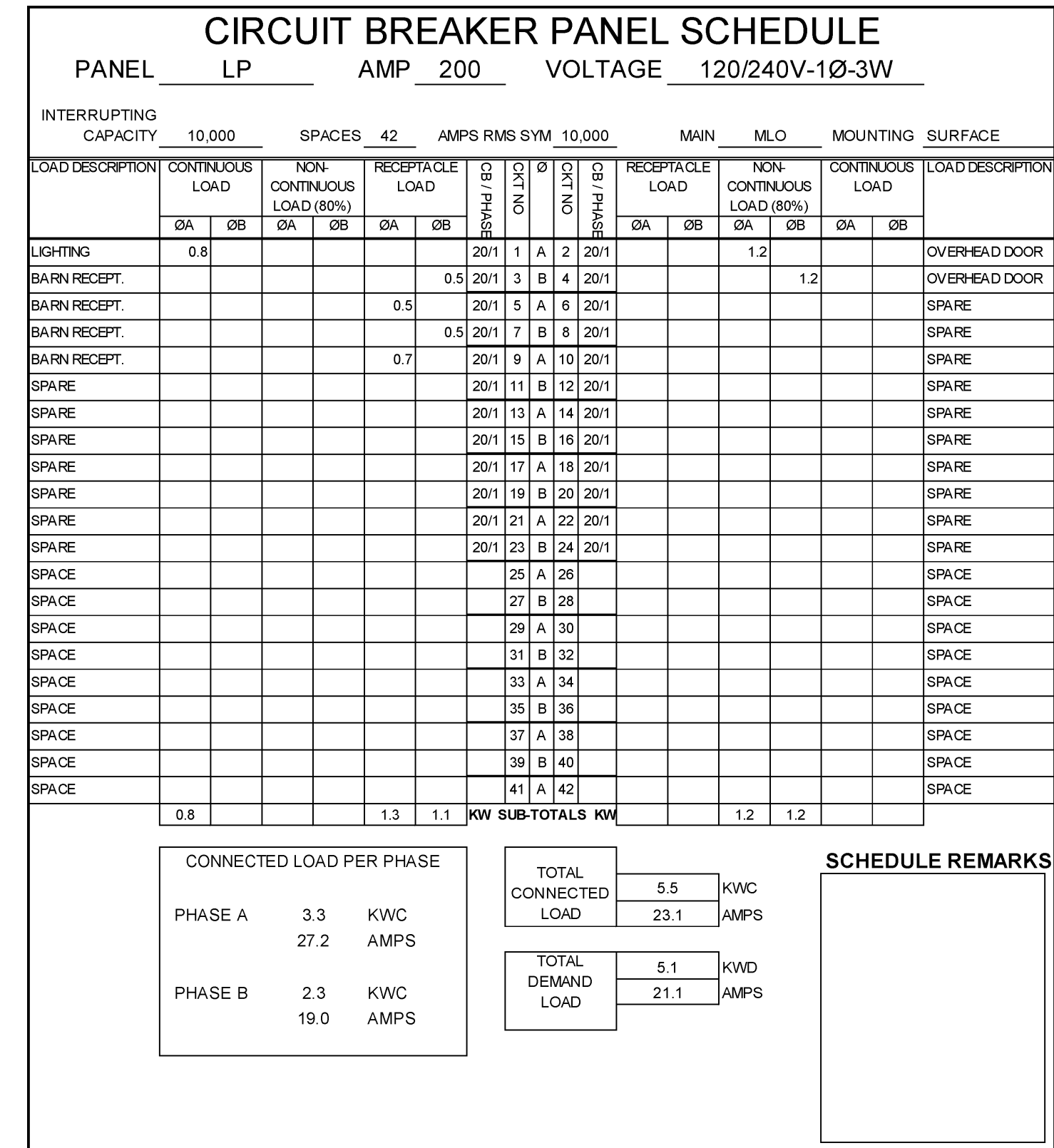
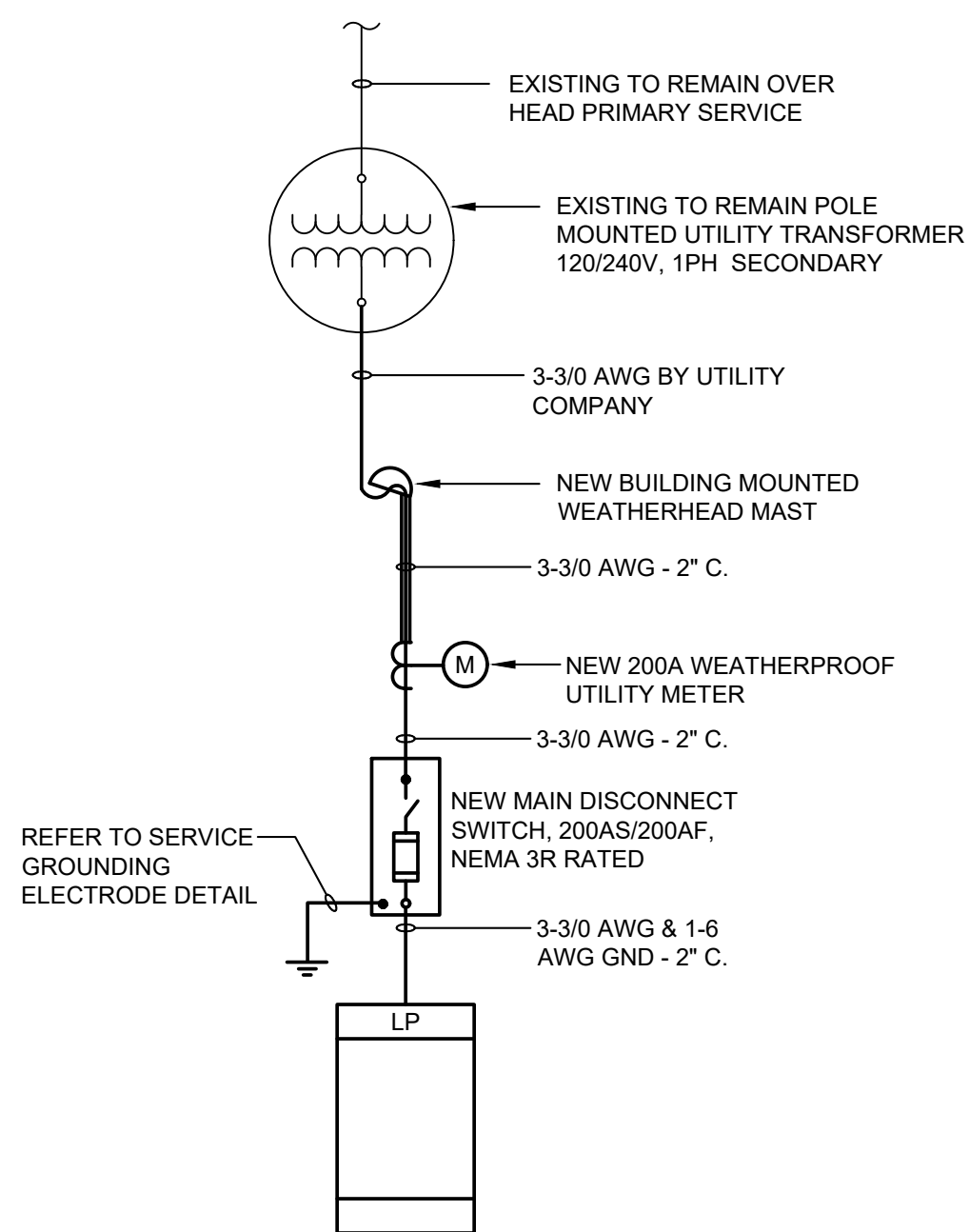




TYPE	LUMINAIRE WATTS VOLTS		LAMP TYPE	DESCRIPTION	MOUNTING	MANUFACTURER	CATALOG NUMBER	REMARKS
A	64	120	LED 3500K 8900 LUMENS	8' LINEAR STRIP SUSPENDED FIXTURE WITH WHITE FINISH	SUSPENDED	COLUMBIA	MPS-8-35-ML-C-W- ED-U-CM48SCF3- KIT	
W	21	120	LED 3000K 2600 LUMENS	WALL PACK WITH BLACK MATTE TEXTURED FINISH AND INTEGRAL PHOTOCELL	WALL MOUNTED 12" ABOVE O.H. DOOR	BEACON	TRP1-24L-20-3K7-3- 120-BLT-PC	
WE	21	120	LED 3000K 2600 LUMENS	WALL PACK WITH BLACK MATTE TEXTURED FINISH, INTEGRAL PHOTOCELL, AND EM BATTERY PACK	WALL MOUNTED 12" ABOVE DOOR	BEACON	TRP1-24L-20-3K7-3- 120-BLT-PC-E	
X	4	120	LED	WHITE THERMOPLASTIC DUAL LAMP EXIT SIGN/LIGHT	SURFACE / WALL	COMPASS LIGHTING	CCRGR	1
EM	2.5	120	LED	WHITE THERMOPLASTIC DUAL SQUARE HEAD EMERGENCY LIGHT	SURFACE / WALL	COMPASS LIGHTING	CU2SQ	1

SCHEDULE NOTES:

1. WIRE EXIT SIGN AND EMERGENCY LIGHTS AHEAD OF ALL CONTROLS.



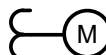
ELECTRICAL GENERAL NOTES

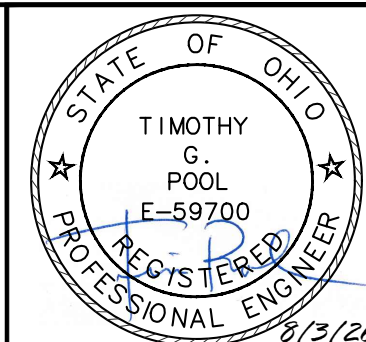
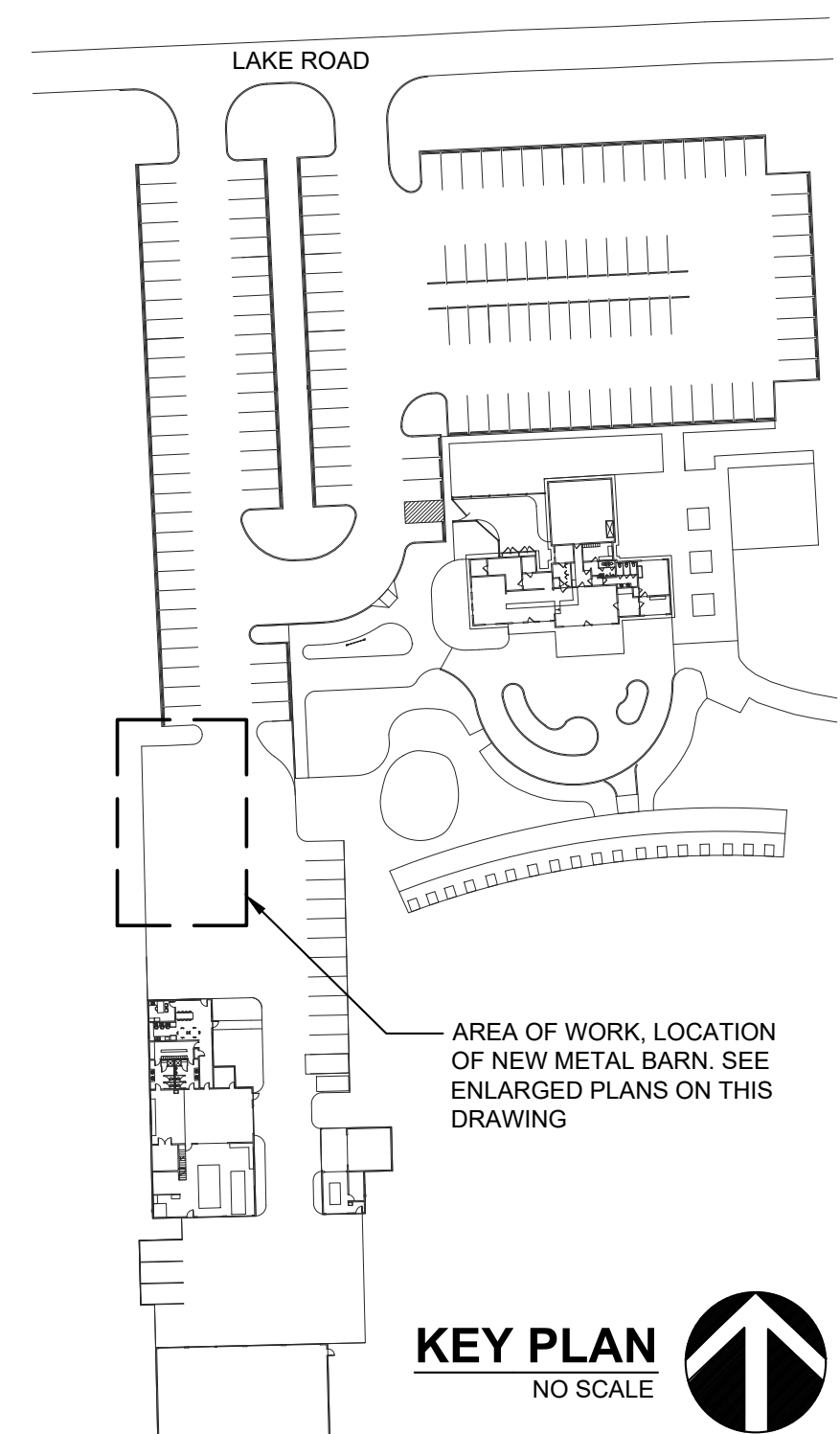
- A. SECURE AND PAY FOR ALL BUILDING PERMITS AND INSPECTIONS. COORDINATE BUILDING DEPARTMENT PERMIT APPLICATION PROCESS AND LICENSING.
- B. THE ELECTRICAL INSTALLATION MUST MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND ANY APPLICABLE STATE OR LOCAL CODES, AS INTERPRETED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- C. ALL EXISTING UNUSED ELECTRICAL WIRE, CONDUIT, AND EQUIPMENT SHALL BE REMOVED.
- D. ALL WIRE FOR POWER, LIGHTING, AND CONTROL SYSTEMS SHALL BE 600 VOLT THHN-THWN, 90 DEGREE INSULATED AND SHALL BE COPPER.
- E. ALL HOMERUN WIRING SHALL BE RUN IN EMT THIN-WALL THREADESS CONDUIT. TYPE MC CABLE MAY BE INSTALLED CONCEALED WITHIN WALL AND CEILING SPACES FOR BRANCH CIRCUIT WIRING.
- F. ALL ELECTRICAL EQUIPMENT SHALL BE U.L. LISTED OR LABELED.
- F. ALL WIRING SHALL BE RUN IN RIGID ALUMINUM CONDUIT. PVC SCHEDULE 40 CONDUIT MAY BE INSTALLED UNDERGROUND WHERE NOT SUBJECT TO PHYSICAL DAMAGE. GALVANIZED RMC SHALL BE INSTALLED OUTDOORS ABOVE GRADE WHERE SUBJECT TO PHYSICAL DAMAGE.

PLAN NOTES

1. OVERHEAD DOOR - 120V, 1.2KW (ASSUMED). WIRE TO DEDICATED CIRCUIT BREAKER AND TO DOOR CONTROLS AS INDICATED.

ELECTRICAL SYMBOLS

- | | |
|---|---|
|  | BRANCH CIRCUIT HOMERUN, PANEL, CIRCUIT #3 AND #5.
PROVIDE THE PROPER QUANTITY OF 12 AWG CONDUCTORS FOR THE
CIRCUIT(S) INDICATED. A SEPARATE GROUNDING CONDUCTOR IS
REQUIRED FOR ALL BRANCH CIRCUITS. |
|  | HEAVY LINE WEIGHT INDICATES THIS EQUIPMENT IS NEW OR
RELOCATED EXISTING UNLESS NOTED OTHERWISE |
|  | LIGHT LINE WEIGHT INDICATES THIS EQUIPMENT IS EXISTING TO
REMAIN, UNLESS NOTED OTHERWISE |
|  | HEAVY DASHED LINE WEIGHT INDICATES EXISTING EQUIPMENT
IS TO BE REMOVED UNLESS NOTED OTHERWISE |
|  | SINGLE POLE SWITCH - MOUNTING AT 48" A.F.F. |
|  | OVERHEAD DOOR PUSHBUTTON OPERATOR - MOUNTING AT 48" A.F.F. |
|  | LIGHT FIXTURE TYPE 'A' - SEE LUMINAIRE SCHEDULE |
|  | EXIT SIGN WITH EMERGENCY LIGHTS - WALL MOUNTED ABOVE
DOOR OR AT 7'-6" A.F.F. UNLESS OTHERWISE NOTED |
|  | EMERGENCY BATTERY PACK, WALL MOUNTED |
|  | DUPLEX RECEPTACLE - MOUNTING AT 18" A.F.F. |
|  | DUPLEX RECEPTACLE - GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE |
|  | GFCI TYPE DUPLEX RECEPTACLE IN WEATHERPROOF ENCLOSURE |
|  | JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED |
|  | PANELBOARD - 0 TO 150 VOLTS TO GROUND |
|  | FUSED DISCONNECT SWITCH - REFER TO PLANS FOR RATING AND FUSE
SIZE. |
|  | ONE-LINE DIAGRAM REPRESENTATION OF A TRANSFORMER, SIZE
AS NOTED |
|  | ONE-LINE DIAGRAM REPRESENTATION OF A FUSED SWITCH. 3-POLE U.O.N.
REFER TO FIGURE FOR SWITCH AND FUSE RATING |
|  | ONE-LINE DIAGRAM REPRESENTATION OF A METER |
|  | PLAN NOTE TAG, REFER TO PLANS FOR DESCRIPTION |
| A.F.F. | ABOVE FINISHED FLOOR |
| AS/AF/AT | AMPERE SWITCH/AMPERE FUSE/AMPERE TRIP |
| MLO | MAIN LUG ONLY |
| MCB | MAIN CIRCUIT BREAKER |



REV. NO.	DESCRIPTION	DATE	BY
	BID & PERMIT	8/3/2026	TEC

33851 Curtis Blvd., 216
Eastlake, Ohio 44095
t 440.953.8760
f 440.953.1289
www.tecinceng.com

clev

inc.
engineering & design

**ERIE SHORES GOLF
COURSE CART BARN**

7298 LAKE RD E,
MADISON, OH 44057

ELECTRICAL PLAN, SYMBOLS, NOTES, DETAILS, AND SCHEDULES

DATE: 8/3/2026

DESIGNED: SJB

APPROVED: TGP

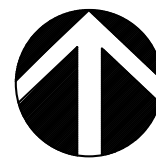
TEC PROJECT: 26164
SHEET NO.

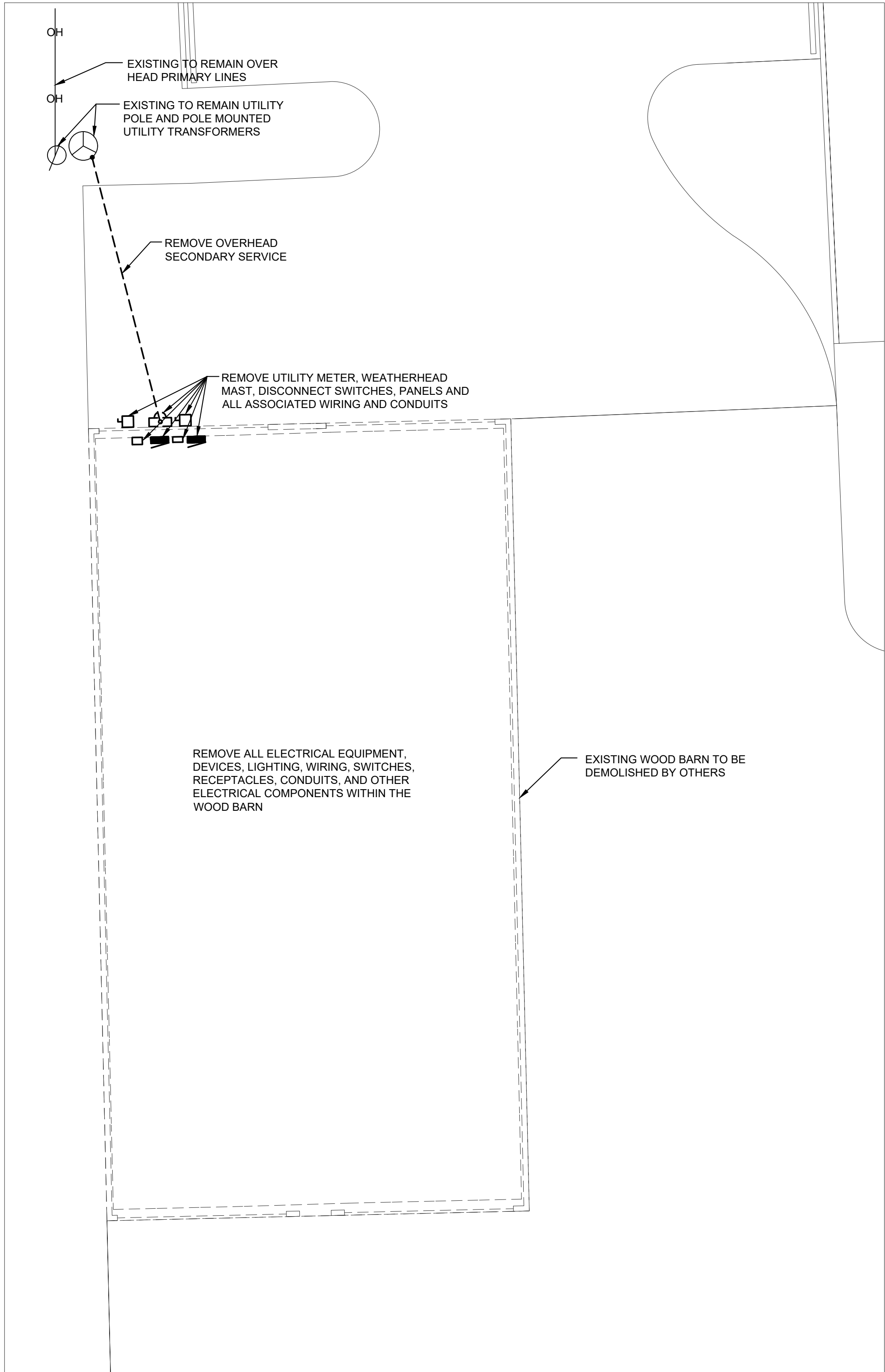
E-1

SERVICE GROUNDING ELECTRODE SYSTEM WIRING DIAGRAM

NEW ONE LINE DIAGRAM
NO SCALE

KEY PLAN
NO SCALE

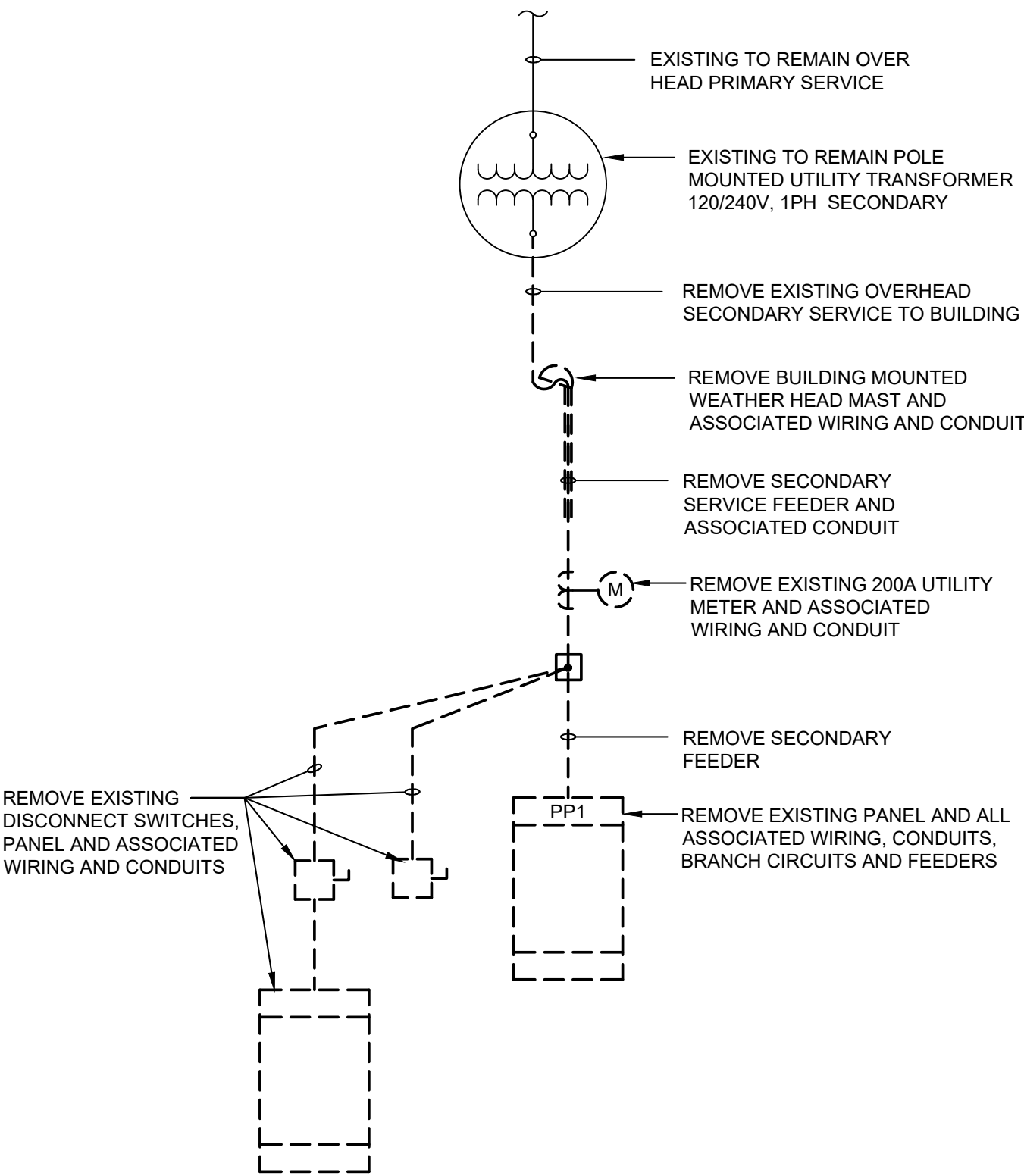




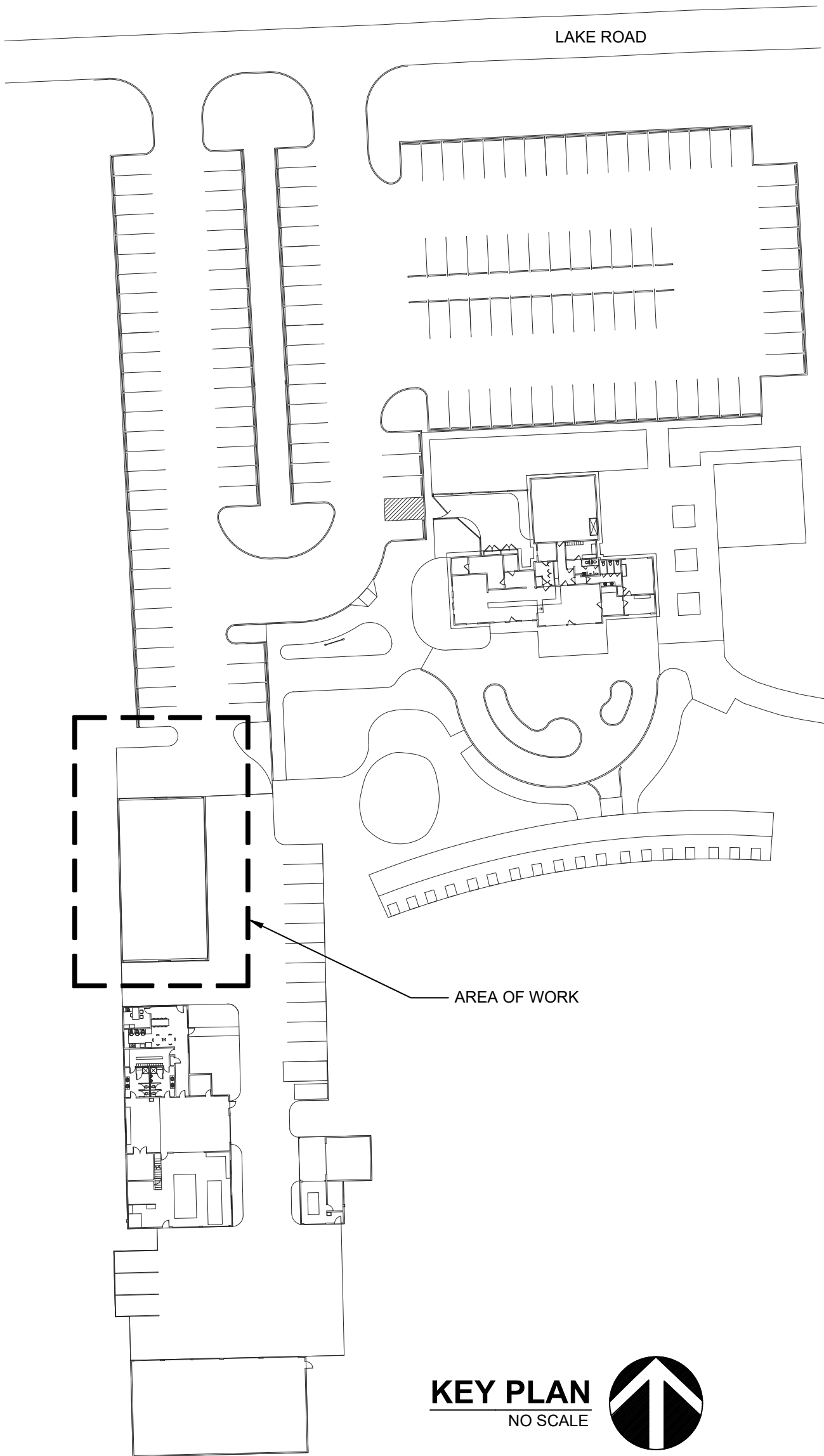
ENLARGED DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

ELECTRICAL DEMOLITION NOTES

- A. DEMOLITION INDICATED ON THE CONTRACT DOCUMENTS IS SHOWN IN GENERAL TO INDICATE THE EXTENT OF DEMOLITION AND IS NOT TO BE CONSIDERED AS A RECORD DRAWING OF EXISTING CONDITIONS. ACCORDINGLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE DEMOLITION OF THE ELECTRICAL WORK INDICATED INCLUDING ANY CONCEALED ITEMS OR ANY EXISTING ITEMS NOT SHOWN ON THE CONTRACT DOCUMENTS. BEFORE DEMOLITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPROPRIATE FIELD-TESTING TO DETERMINE THE NATURE OF THE EXISTING ELECTRICAL WORK TO BE DEMOLISHED.
- B. DO NOT PROCEED WITH DEMOLITION WITHOUT WRITTEN AUTHORITY. PROCEED WITH DEMOLITION IN A SYSTEMATIC MANNER AND COORDINATE WITH ALL TRADES INVOLVED.
- C. DISCONNECT OR SHUT OFF SERVICE TO AREAS WHERE ELECTRICAL WORK IS TO BE REMOVED. REMOVE ALL ELECTRICAL LUMINARIES, EQUIPMENT, AND RELATED SWITCHES, OUTLETS, CONDUIT, AND WIRING, WHICH ARE NOT A PART OF THE FINAL PROJECT IN ALL AREAS WHERE WORK OF THIS CONTRACT IS TO BE PERFORMED. ALL REMOVED EQUIPMENT SHALL BE DISPOSED OF BY THIS CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE. ABANDONED CONDUIT SHALL BE REMOVED, ALONG WITH WIRE NO LONGER IN USE FROM DEVICE LOCATION BACK TO PANEL.
- D. ARRANGE TIMING OF SHUTDOWN PERIODS OF ALL IN-SERVICE PANELS WITH THE OWNER'S REPRESENTATIVE. DO NOT SHUTDOWN ANY SERVICE WITHOUT PRIOR WRITTEN APPROVAL.
- E. DISPOSAL OF LAMPS, BALLASTS, BATTERIES, ETC., SHALL BE IN ACCORDANCE WITH APPLICABLE EPA REQUIREMENTS.
- F. ELECTRICAL CONTRACTOR SHALL COMPLETELY REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND/OR DEVICES IN THE SPACE AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.



DEMO ONE LINE DIAGRAM
NO SCALE



KEY PLAN
NO SCALE

BY	TEC
DATE	8/3/2026
DESCRIPTION	BID & PERMIT
REV. NO.	
33851 Curtis Blvd., 216 Eastlake, Ohio 44025 T: 440.933.6760 F: 440.933.6761 www.tecinceng.com cleveland columbus pittsburgh	
ERIE SHORES GOLF COURSE CART BARN 7298 LAKE RD E, MADISON, OH 44057	
ELECTRICAL DEMOLITION PLAN	
DATE: 8/3/2026	
DESIGNED: SJB	
APPROVED: TGP	
TEC PROJECT: 26164	
SHEET NO.	
E-2	

SECTION 260000 - ELECTRICAL SPECIFICATIONS

PART 1 GENERAL

1.1

PROVIDE ALL LABOR AND MATERIAL FOR ALL SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFIED HEREIN, OR REASONABLY IMPLIED, TESTED AND READY FOR USE BY THE OWNER.

1.2

REFER TO THE ARCHITECTURAL AND OTHER CONTRACT DOCUMENTS FOR THE PROJECT. ELECTRICAL WORK AND/OR COORDINATION ITEMS INDICATED ON THESE DOCUMENTS ARE A PART OF THE ELECTRICAL SCOPE OF WORK.

1.3

DISCREPANCIES BETWEEN EACH DIVISION'S DOCUMENTS OR BETWEEN THE DOCUMENTS AND THE EXISTING BUILDING OR SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE SUBMITTING A BID.

1.4

THE ELECTRICAL SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EQUIPMENT OR SYSTEMS:

A.

LIGHTING AND LIGHTING CONTROLS

B.

WIRING DEVICES

C.

POWER DISTRIBUTION EQUIPMENT

D.

BRANCH CIRCUIT PANELBOARDS

E.

UTILITY SERVICE INSTALLATION DRAWINGS

F.

GROUNDING AND GROUNDING SYSTEMS

G.

NEW POWER UTILITY SERVICES

H.

CONNECTIONS AND POWER CIRCUITS FOR EQUIPMENT PROVIDED UNDER ANOTHER DIVISION, OR BY THE OWNER.

I.

DEMOLITION OF EXISTING EQUIPMENT, DEVICES AND WIRING.

1.5

OBTAIN AND PAY FOR LOCAL PERMITS, LICENSES, AND INSPECTION FEES NECESSARY FOR THE WORK. PERMANENT AND TEMPORARY UTILITY SERVICE INSTALLATION CHARGES ARE NOT INCLUDED IN THE BASE-BID WORK; SUCH CHARGES ARE INCLUDED AS AN ALLOWANCE OF \$10,000 IN THE CONTRACT. THE UNUSED PORTION OF THIS ALLOWANCE SHALL BE RETURNED TO THE OWNER AT THE COMPLETION OF THE PROJECT. THIS CONTRACTOR IS RESPONSIBLE FOR CONTACTS WITH UTILITY COMPANIES, AND FOR ARRANGEMENT OF WORK ORDERS.

1.6

TEMPORARY POWER AND LIGHTING SHALL BE PROVIDED TO OSHA REQUIREMENTS FOR THE CONSTRUCTION PERIOD. TEMPORARY UTILITY POWER AND TELEPHONE SERVICES WILL BE BROUGHT TO THE SITE UNDER THIS CONTRACT, BUT THE OWNER WILL PAY FOR RELATED MONTHLY CHARGES. IF APPROVED BY THE OWNER, SOME TEMPORARY POWER MAY BE EXTENDED FROM THE OWNERS EXISTING ELECTRICAL SERVICE. THE POINT OF CONNECTION AND METHOD OF EXTENSION SHALL BE APPROVED BY THE OWNER.

1.7

SUBMISSION OF A BID ASSUMES KNOWLEDGE OF ALL DOCUMENTS AVAILABLE RELATED TO THE WORK, AS WELL AS EXISTING CONDITIONS MADE AVAILABLE FOR REVIEW AND INSPECTION DURING THE BIDDING PERIOD. THIS CONTRACTOR SHALL INFORM THE OWNER'S REPRESENTATIVE OF ANY UNKNOWN AND/OR CONCEALED CONDITIONS AFFECTING THE NEW WORK, AS THEY ARE DISCOVERED.

1.8

WHEREVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN: FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

1.9

THE ELECTRIC SERVICE, THE ELECTRICAL DISTRIBUTION SYSTEM AND ALL NON-CURRENT CARRYING METAL PARTS OF THE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE, AND ALL OTHER APPLICABLE CODES AND STANDARDS. ALL BRANCH CIRCUITS AND FEEDERS SHALL BE GROUNDED BY MEANS OF AN INSULATED GROUNDING CONDUCTOR INSTALLED WITHIN EACH RACEWAY. THE ENTIRE GROUNDING SYSTEM SHALL BE TESTED FOR CONTINUITY AT THE COMPLETION OF THE WORK.

1.10

THE NEW MATERIAL AND LABOR SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. NOTE THAT CERTAIN SPECIFIED ITEMS OF EQUIPMENT MAY CARRY A LONGER PERIOD OF WARRANTY.

1.11

PROVIDE A PERMANENT NAMEPLATE OR PLAQUE TO IDENTIFY THE MAXIMUM FAULT CURRENT AMPERES AVAILABLE AT THE MAIN SERVICE DISCONNECTING MEANS, IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE ARTICLE 110.

PART 2 PRODUCTS

2.1

ALL MATERIAL, EQUIPMENT INSTALLATION AND LABOR SHALL BE IN ACCORDANCE WITH THE LATEST APPLICABLE NATIONAL, STATE AND LOCAL CODES AND NFPA PUBLICATIONS, AS INTERPRETED BY THE AUTHORITY HAVING JURISDICTION. THIS CONTRACTOR MUST ADHERE TO PROPER INSTALLATION TECHNIQUES IN ACCORDANCE WITH INDUSTRY STANDARDS AS DEFINED BY ANSI AND NECA. IN ADDITION, OSHA REQUIREMENTS AND ANY SITE-SPECIFIC SAFETY STANDARDS SHALL BE FOLLOWED FOR SAFETY OF PERSONNEL ON SITE. NEW EQUIPMENT SHALL BE UL AND/OR CSA LISTED.

2.2

WIRING DEVICES SHALL BE "SPECIFICATION GRADE", AND SHALL BE OF ONE MANUFACTURER, WITH MATCHING PLASTIC PLATES. HUBBELL DEVICES ARE LISTED; LEVITON AND PASS & SEYMOUR DEVICES WITH EQUAL SPECIFICATIONS MAY BE SUPPLIED. IVORY DEVICES AND PLATES SHALL BE PROVIDED, UNLESS OTHERWISE REQUESTED. THE OWNERS' REPRESENTATIVE WILL CONFIRM COLORS OF DEVICES AND PLATES DURING THE SUBMITTAL APPROVAL PROCESS. UNLESS NOTED OTHERWISE, STANDARD DEVICES SHALL BE:

A.

LIGHT SWITCHES: 120/277 VOLT, QUIET TYPE, HUBBELL #1221 (SINGLE POLE).

B.

GFCI RECEPTACLES: 125 VOLT, 20 AMPERE, 2-POLE, 3-WIRE DUPLEX TYPE, NEMA 5-20R, HUBBELL #GFR-5362, SELF-TESTING AND FEED-THRU TYPE CAPABLE OF PROTECTING DOWNSTREAM CIRCUIT DEVICES.

C.

EXTERIOR RECEPTACLES: PROVIDE A GFCI RECEPTACLE WITH A TAYMAC #MX4380S, METAL EXTRA DUTY "IN-USE" COVER AND HORIZONTAL MOUNTED BOX.

D.

WIRING DEVICES SHALL BE PROVIDED WITH A GROUNDED WIRE CONNECTED TO THE DEVICE AND/OR THE OUTLET BOX.

2.3

ALL WIRING SHALL BE COPPER, 90 DEGREE C. RATED, TYPE THHN, THWN OR XHHW, WITH 600-VOLT INSULATION UNLESS INDICATED OTHERWISE ON THE DRAWINGS. THE MINIMUM WIRE SIZE IS #12 FOR 120-VOLT BRANCH CIRCUITS; #10 SHALL BE USED FOR CIRCUIT LENGTHS GREATER THAN 150 FEET.

A.

FOR NEW DISTRIBUTION SYSTEMS, COLOR CODE BRANCH CIRCUIT AND FEEDER CONDUCTORS AS FOLLOWS:

1.

120/240 VOLT, 1 PHASE, 3 WIRE SYSTEM

A.

PHASE A-BLACK

B.

PHASE B-RED

C.

NEUTRAL-WHITE

D.

GROUND-GREEN

2.

IN ADDITION TO THESE REQUIREMENTS, ALSO PROVIDE COLOR CODING OF CONDUCTORS AT ALL JUNCTION OR PULLBOXES.

2.4

ALL WIRING SHALL BE INSTALLED IN CONDUIT, AS PERMITTED BY THE NATIONAL ELECTRICAL CODE. AT THE CONTRACTOR'S OPTION, AND AS PERMITTED BY THE NATIONAL ELECTRICAL CODE, TYPE MC CABLE, OR A MANUFACTURED WIRING SYSTEM MAY BE USED FOR 20 AMPERE AND 30 AMPERE BRANCH CIRCUITS IN STUD WALLS IN LIEU OF CONDUIT AND WIRE. HOMERUNS TO PANELS SHALL BE IN CONDUIT. FLEXIBLE CONDUIT SHALL BE USED FOR CONNECTIONS TO MOTORS AND LIGHTING FIXTURES. EXPOSED CONDUIT IN HIGH TRAFFIC AREAS SHALL BE RIGID GALVANIZED OR IMC, FROM THE FLOOR TO A LEVEL OF 8'-0" ABOVE THE FLOOR.

2.5

LIGHTING FIXTURES AND ASSOCIATED DRIVERS, AND LIGHTING CONTROLS SHALL BE AS INDICATED ON THE DRAWINGS. COMPLETE WITH PROPER LEDS, ACCESSORIES AND SUPPORTS AS RECOMMENDED BY THE MANUFACTURER AND IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, ARTICLES 410 AND 411, OR ANY LOCAL CODES THAT MAY APPLY.

A.

IMMEDIATELY PRECEDING THE FINAL INSPECTION, THIS CONTRACTOR SHALL THOROUGHLY CLEAN ALL FIXTURES OF DUST, DIRT, GREASE, FINGERMARKS, ETC. ALL FIXTURES SHALL BE OPERATING AT THE TIME OF OWNER'S ACCEPTANCE.

2.6

PANELBOARD AND DISCONNECTS SHALL BE PROVIDED FROM ONE MANUFACTURER WHEREVER POSSIBLE. APPROVED MANUFACTURERS ARE SQUARE D, GENERAL ELECTRIC, SIEMENS/ITE OR CUTLER HAMMER. CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE, UNLESS INDICATED OTHERWISE ON THE DRAWINGS, WITH INTERRUPTING RATINGS EQUAL TO OR GREATER THAN FAULT CURRENTS AVAILABLE AT THE POINT OF SERVICE, 10 KAIC MINIMUM FOR 120/240 VOLT SYSTEMS. BALANCE THE LOAD ON EACH PANEL AND DISTRIBUTION SYSTEM INSTALLED.

A.

BRANCH CIRCUIT PANELS SHALL BE FLUSH OR SURFACE MOUNTED AS INDICATED, LOCKABLE AND KEYED ALIKE, AND SHALL HAVE A DOOR-IN-DOOR COVER.

B.

BUSSING FOR PANELBOARDS SHALL BE COPPER.

2.7

FUSIBLE DISCONNECT SWITCHES SHALL BE HEAVY DUTY WITH QUICK MAKE/ QUICK BREAK OPERATION, WITH A NEMA 3R RATING (EXTERIOR) UNLESS OTHERWISE NOTED OR REQUIRED BY CODE. FUSES SHALL BE DUAL ELEMENT- TIME DELAY, BUSSMAN TYPE LPN-RK (250 VOLT). EQUIVALENT FUSES BY FERRAZ-SHAWMUT OR LITTELFUSE ARE ACCEPTABLE.

2.8

NAMEPLATES SHALL BE PROVIDED FOR IDENTIFICATION OF ALL POWER DISTRIBUTION EQUIPMENT AND SHALL BE ENGRAVED PHENOLIC WITH WHITE LETTERING AND BLACK BACKGROUND, UNLESS DIRECTED OTHERWISE BY THE OWNER'S REPRESENTATIVE. PANELBOARD BRANCH CIRCUITS SHALL BE IDENTIFIED WITH TYPEWRITTEN DIRECTORIES.

A.

SPARE CIRCUIT BREAKERS SHALL BE IDENTIFIED AS SUCH AND SHALL BE LEFT IN THE "OFF" POSITION AT THE CONCLUSION OF THE WORK.

PART 3 EXECUTION

3.1

COORDINATE THE ELECTRICAL WORK WITH ALL OTHER TRADES ON SITE, INCLUDING CORE DRILL LOCATIONS AND FEEDER ROUTINGS. PROVIDE LAYOUT DRAWINGS FOR ELECTRICAL DISTRIBUTION ROOMS AND CLOSETS AND SUBMIT COPIES TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL BEFORE ROUGH-IN CONDUITS AND EQUIPMENT.

3.2

CUTTING AND PATCHING OF WALLS, FLOORS AND CEILINGS SHALL BE PROVIDED BY SKILLED MECHANICS IN THE TRADE. FINAL FINISHING AND PAINTING IS BY THE GENERAL TRADES CONTRACTOR.

3.3

IT IS THE PURPOSE OF THE CONTRACT DOCUMENTS TO INDICATE THE APPROXIMATE LOCATIONS OF ALL EQUIPMENT, OUTLETS, ETC. THE EXACT LOCATION OF EQUIPMENT AND OUTLETS MAY BE ADJUSTED FROM TIME TO TIME AS THE WORK PROGRESSES. THIS CONTRACTOR SHALL CONFIRM THE EXACT LOCATIONS AND ARRANGE THE WORK ACCORDINGLY. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO EFFECT REASONABLE CHANGES IN THE LOCATION OF OUTLETS UP TO THE TIME OF ROUGH-IN WITHOUT ADDITIONAL COST. ALL GFCI RECEPTACLES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION, VISIBLE FOR TESTING AND INSPECTION.

3.4

SERVE AND CONNECT ALL ELECTRICAL EQUIPMENT FURNISHED BY OTHER DIVISIONS OR OWNER. COORDINATE ALL OUTLET LOCATIONS AND CONNECTION REQUIREMENTS WITH THE CONTRACTOR FURNISHING THE EQUIPMENT. BEFORE CONNECTING ANY PIECE OF EQUIPMENT, CHECK THE NAMEPLATE RATING AGAINST THE INFORMATION SHOWN ON THE CONTRACT DOCUMENTS AND CALL ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. CAREFULLY STUDY ALL MANUFACTURERS' EQUIPMENT WIRING DIAGRAMS AND MAKE CONNECTIONS ACCORDINGLY.

3.5

LOCATE AND PROVIDE ALL OPENINGS IN FLOORS, CEILINGS, AND WALLS TO ALLOW FOR CONDUIT PENETRATIONS.

A.

SUBMIT TO THE OWNER'S REPRESENTATIVE ALL LOCATIONS AND SIZES OF OPENINGS WHICH MUST BE PROVIDED FOR THE WORK BEFORE DRILLING OR SETTING ANY SLEEVES.

B.

FINAL LOCATIONS AND SIZES OF ALL OPENINGS SHALL BE SUBJECT TO THE OWNER'S REPRESENTATIVE FINAL APPROVAL.

C.

PROVIDE ALL FIRE STOPS AND SMOKE AND FIRE BARRIERS AROUND ALL CONDUIT PENETRATIONS PROVIDED UNDER THIS WORK. ALL FIRE BARRIERS SHALL BE UL LISTED AND RECOGNIZED SUITABLE BY FACTORY MUTUAL AND NFPA. FIRE BARRIERS SHALL RESTORE ALL PENETRATIONS TO BE AT LEAST THE MINIMUM FIRE RATING OF THE SURFACE PENETRATED. BARRIERS SHALL COMPLETELY FILL THE OPENINGS AND SHALL BE SECURELY ANCHORED TO PREVENT ACCIDENTAL REMOVAL. ALL SMOKE AND FIRE BARRIERS SHALL BE MADE USING ONLY RECOGNIZED MATERIALS AND WILL BE ACCEPTABLE SUBJECT TO THE OWNER'S REPRESENTATIVE FINAL APPROVAL. SMOKE AND FIRE BARRIERS MAY BE STI FIRE SEAL, DUPONT, OR US GYPSUM.

D.

SEAL EXTERNAL WALL PENETRATIONS WHERE CONDUIT PASSES FROM A COLDER AREA TO A WARMER AREA.

3.6

MOUNTING HEIGHTS OF DEVICES ARE AS INDICATED ON THE PLANS. UNLESS OTHERWISE NOTED, RECEPTACLES SHALL BE MOUNTED VERTICALLY, WITH THE GROUND PIN ABOVE THE PHASE AND NEUTRAL PIN.

3.7

ALL BOXES AND CONDUITS SHALL BE CONCEALED IN FINISHED AREAS OF NEW CONSTRUCTION. CONDUIT SYSTEMS SHALL BE SUPPORTED FROM THE STRUCTURE, INDEPENDENT OF DUCTWORK AND OTHER TRADES. HANGERS, STRAPS AND CLAMPS SHALL BE APPROVED FOR THE PURPOSE. JUNCTION BOXES, OUTLET BOXES AND PULL BOXES SHALL BE LOCATED IN ACCESSIBLE AREAS AND SHALL BE PERMANENTLY MARKED ACCORDING TO THE CIRCUIT OR SYSTEM SERVED.

3.8

PROVIDE THE PROPER CONNECTION AND/OR DISCONNECT AND OVER-CURRENT PROTECTION FOR OWNER AND DIVISION 15 EQUIPMENT, BASED UPON THE CONTRACT DOCUMENTS. VERIFY THIS INFORMATION WITH THE UNIT NAMEPLATE OR FIELD WIRING SCHEMATIC BEFORE ROUGH IN.

3.9

ELECTRICAL EQUIPMENT SHALL BE STORED IN A HEATED AND VENTILATED SPACE UNTIL READY FOR DELIVERY TO THE FINISHED EQUIPMENT SPACE ON THE SITE.

STATE OF OHIO

TIMOTHY G. POOL

E-59700

REGISTERED PROFESSIONAL ENGINEER

8/3/26

BY

TEC

DATE

8/3/2026

DESCRIPTION

BID & PERMIT

REV. NO.

33851 Curtis Blvd., 216
Eastlake, Ohio 44075
440.933.6760
t.pool@tecinceng.com
www.tecinceng.com

cleveland | columbus | pittsburgh

erie shores golf
course cart barn

7298 LAKE RD E,
MADISON, OH 44057

tecinc.

engineering & design

DATE: 8/3/2026

DESIGNED: SJB

APPROVED: TGP

TEC PROJECT: 26164

SHEET NO.

E-3