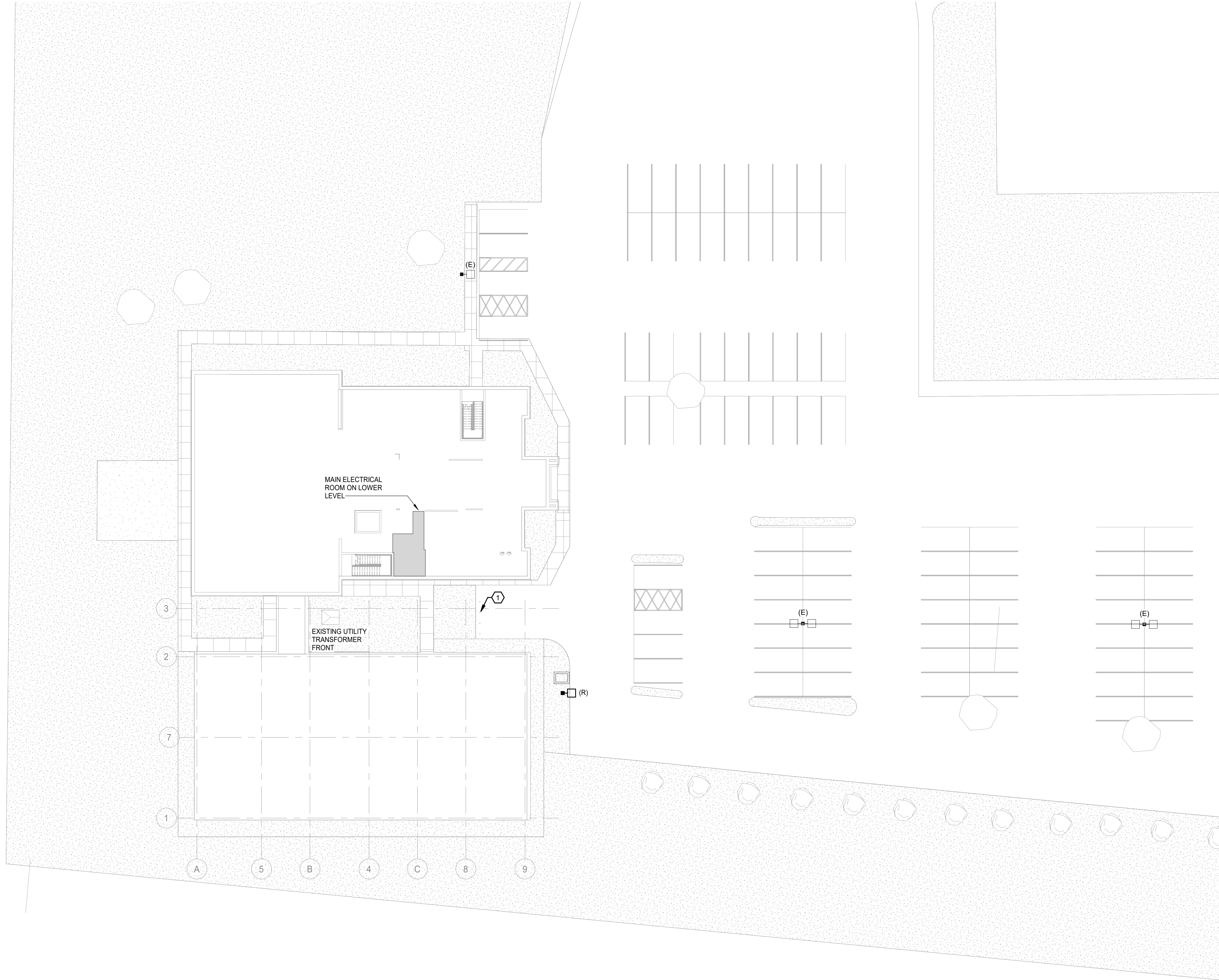




GENERAL SHEET NOTES:

1. ROCK AND/OR ADVERSE SOIL CONDITIONS MAY BE PRESENT ON SITE. THE ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION REQUIREMENTS FOR ALL BELOW GRADE WORK WITH GEOTECHNICAL REPORT, AND SHALL INCLUDE IN HIS BID ANY WORK RELATED TO GEOTECHNICAL CONSIDERATIONS AS IT MAY PERTAIN TO THE INSTALLATION OF ALL SITE ELECTRICAL WORK INCLUDING, BUT NOT LIMITED TO: DUCTBANKS, FOUNDATIONS, FOOTERS, CONCRETE SLABS AND PADS, VAULTS, DIRECT BURIED CABLES OR CONDUITS, SITE LIGHTING POLE BASES, ETC.
2. COORDINATE EXACT LOCATION OF ALL UNDERGROUND ELECTRICAL WORK WITH CIVIL ENGINEERING DRAWINGS AND DOCUMENTS, ALL OTHER SITE UTILITIES, AND SITE CONTRACTOR.
3. ALL UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40 OR SCHEDULE 80, REFER TO **DWG. SERIES E-500's** FOR TYPICAL DIRECT BURIED CONDUIT SECTION.
4. GROUND RODS SHALL BE DRIVEN VERTICALLY. IF ROCK IS ENCOUNTERED, THEN GROUND RODS MAY BE DRIVEN AT A DIAGONAL BUT IN NO CASE SHALL GROUND RODS BE LESS THAN 10'-0" LONG.
5. THE ELECTRICAL CONTRACTOR SHALL INCLUDE IN HIS BID, ALL ELECTRIC UTILITY COMPANY CHARGES FOR PROVIDING SERVICE TO THE BUILDING, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: TRANSFORMERS, CONCRETE PADS/VAULTS, CABLES, DUCTS, TRENCHING, BACKFILL, CONCRETE ENCASEMENT, METERING, GROUNDING, ALL ANCILLARY EQUIPMENT AND DEVICES, ETC., AND ASSOCIATED LABOR FOR A COMPLETE INSTALLATION PER N.E.C. AND ELECTRIC UTILITY COMPANY REQUIREMENTS. ANY LOCAL UTILITY COMPANY CHARGES FOR PROVISION OF ELECTRICAL SERVICE SHALL BE INCLUDED IN THE ELECTRICAL CONTRACTOR'S BASE PRICE. AS A MINIMUM, THE INSTALLATION SHALL MEET THE SERVICE AND INSTALLATION REGULATIONS OF THE LOCAL UTILITY.
- A. CONTACT **XXXX** UTILITY COMPANY REPRESENTATIVE: **MR./MS. XXX XXXX @ XXX-XXX-XXXX**, FOR ALL SERVICE REQUIREMENTS, SPECIFICATIONS, AND EXACT TRANSFORMER AND PAD LOCATION.
- B. ROUTE UNDERGROUND PVC CONDUIT INCLUDING AT LEAST ONE SPARE CONDUIT IN ACCORDANCE WITH LOCAL UTILITY REGULATIONS TO THE LOCAL UTILITY CONNECTION POINT. PROVIDE PRIMARY CONDUCTORS PER THE LOCAL UTILITY UNLESS IT IS REQUIRED THAT CONDUCTORS BE PROVIDED BY THE LOCAL UTILITY. CONDUCTOR SIZE AND TYPE TO BE DETERMINED WITH THE LOCAL UTILITY. REVIEW THE CONNECTION POINT AND ROUTING WITH THE LOCAL UTILITY PRIOR TO START OF WORK. CONFIRM TRENCHING AND BURIAL DETAILS WITH LOCAL UTILITY PRIOR TO START OF WORK.
- C. PROVIDE A TRANSFORMER PAD AND/OR VAULT OF THE PROPER SIZE AND MATERIAL TO MEET TO SERVICE AND INSTALLATION REGULATIONS OF THE LOCAL UTILITY. COORDINATE THE TRANSFORMER LOCATION WITH THE LOCAL UTILITY PRIOR TO START OF WORK. PROVIDE A GROUND LOOP AND GROUNDING RODS AS REQUIRED TO MEET THE SERVICE AND INSTALLATION REGULATIONS OF THE LOCAL UTILITY. ALL GROUNDING CONNECTIONS SHALL BE MADE USING AN EXOTHERMIC WELD PROCESS.
- D. PROVIDE TRENCHING, FOR PRIMARY CABLES, BACKFILL, SAND & CONDUITS FROM EXISTING POWER COMPANY PRIMARY POLE TO TRANSFORMER. CONDUITS SHALL BE RUN VERTICAL UP POLE TO A HEIGHT AS DETERMINED BY THE UTILITY COMPANY. ALL PRIMARY CABLE & TERMINATIONS SHALL BE PROVIDED BY THE UTILITY COMPANY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONCRETE WORK, TRENCHING, BACKFILL, ASPHALT PATCHING AND RESEEDING AS PART OF THIS CONTRACT. **ELECTRICAL CONTRACTOR SHALL SAW CUT & PATCH THE EXISTING ASPHALT ROADWAY FOR NEW SERVICE ENTRANCE DUCTBANK.**
- E. PROVIDE ALL SECONDARY SERVICE ENTRANCE TRENCHING, BACKFILL, CONCRETE DUCT BANK, CABLE AND TERMINATIONS FROM UTILITY TRANSFORMER TO SERVICE ENTRANCE EQUIPMENT.
- F. PROVIDE ALL TRANSFORMER SECONDARY CABLE, CABLE LUGS, CONDUIT & DUCTBANK AND MAKE ALL FINAL SECONDARY (**XXXXV**) TERMINATIONS. UTILITY COMPANY SHALL MAKE ALL PRIMARY (**XXXXKV**) CONNECTIONS.
- G. **ELECTRICAL CONTRACTOR SHALL OBTAIN AND INSTALL TRANSFORMER MOUNTED METER SOCKET, AND SHALL PROVIDE ONE 1" RGS CONDUIT AND CONDUIT NIPPLES FROM METER ENCLOSURE TO TRANSFORMER 'CT' COMPARTMENT (VERIFY & COORDINATE WITH UTILITY COMPANY).**
- H. THE UTILITY COMPANY GROUNDING SYSTEM SHALL BE TESTED. THE MAXIMUM ALLOWABLE IMPEDANCE SHALL BE 25 OHMS TO GROUND. ADDITIONAL GROUND RODS SHALL BE PROVIDED, IF REQUIRED, TO ACHIEVE THIS LEVEL.

(E) SHEET KEY NOTES:

1. COORDINATE WITH CIVIL DRAWINGS FOR REMOVABLE BOLLARDS FOR TRANSFORMER SERVICING, TYPICAL OF FOUR.
2. RE-INSTALL SITE LIGHTING POLE SAVAGED DURING DEMOLITION ON SAME LOCATION.



Julie Billiard School
Julie Billiard Westlake Expansion

3600 Crocker Rd.
Westlake, OH 44145



Issue Description: DESIGN DOCUMENTS		
Revision Schedule	#	DATE DESCRIPTION

Project #: 25058
Issue Date: 5/15/2026

E2.00

SITE ELECTRICAL
PLAN

1

LEVEL 1 - SITE PLAN
SCALE: 1" = 20'-0"

