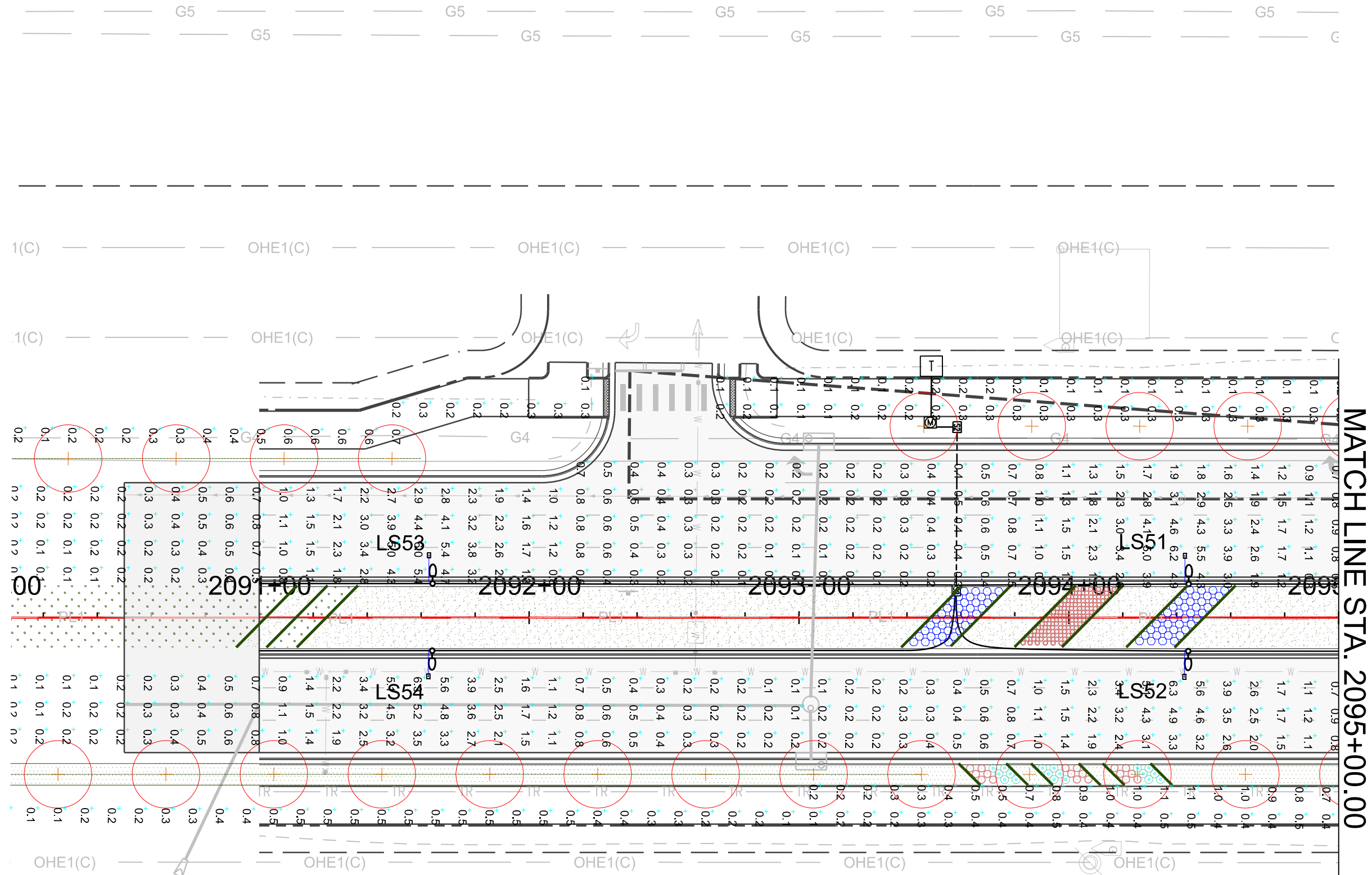
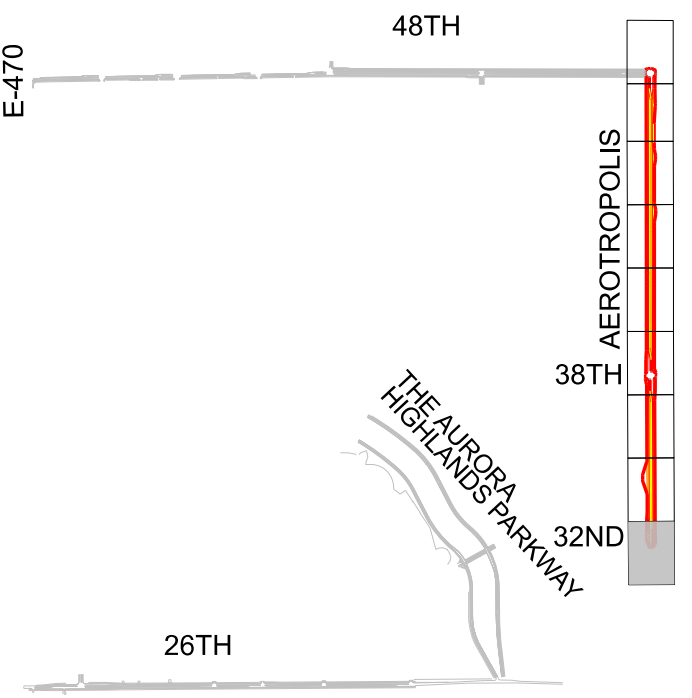
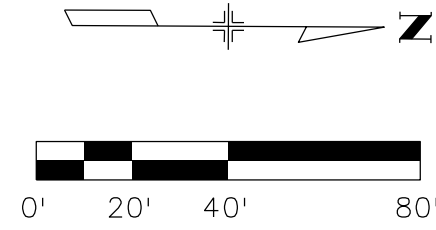




- TYPE 'SL3' STREET LIGHT STANDARD. SEE LIGHTING AND ELECTRICAL DETAILS FOR MORE INFORMATION.
- SL3 LIGHT STANDARD IDENTIFICATION
- XX ELECTRICAL CIRCUIT NUMBER
- NEW TYPE TWO POLYMER CONCRETE IN-GRADE SPLICE BOX WITH TIER 22 TRAFFIC RATED BOLTED COVER 13"x24"x12" DEEP.
- EXISTING POLE MOUNTED UTILITY TRANSFORMER, ASSUMED 25KVA BY XCEL ENERGY. 120/240V-1PH-3W.
- NEW 100A LIGHTING CONTROL CENTER 'LCC1'. 120/240V-1PH-3W.
- NEW ELECTRICAL RACEWAY IN 24" DEEP TRENCH, BURY, AND COMPRESSION BACKFILL. SEE FEEDER SCHEDULE CONDUIT AND CONDUCTOR SIZING.
- 3" SCHEDULE 80 PVC SLEEVE UNDER ROADWAY TERMINATING IN TYPE TWO SPLICE BOX AT EACH END.
- ELECTRICAL FEEDER TAG.
- IRRIGATION CONTROLLER. COORDINATE EXACT LOCATION WITH LANDSCAPE ARCHITECT.

#### GENERAL NOTES:

- ALL LIGHTING AND ELECTRICAL EQUIPMENT SHALL BE LOCATED WITHIN THE RIGHT OF WAY.
- ALL CONDUCTORS SHALL BE RATED 600 VOLTS, AND SHALL BE OF SIZES AND TYPES AS INDICATED OR AS REQUIRED BY THE NATIONAL ELECTRIC CODE (NEC). ALL CONDUCTORS SHALL BE COPPER, THWN OR XHHW INSULATION, MINIMUM #12 AWG WIRE SIZE. CONDUCTORS SHALL BE CONTINUOUS BETWEEN OUTLETS OR JUNCTION BOXES. SPLICES SHALL BE IN READILY ACCESSIBLE PULL BOXES, JUNCTION BOXES, OR OUTLET BOXES AND MADE IN AN ACCEPTABLE MANNER.
- CONTRACTOR TO INSTALL 1#12 AWG LOCATE WIRE AND 1250 LB NYLON PULL STRING WITH FOOTAGE TAPE IN ALL SPARE AND EMPTY CONDUIT.
- CONTRACTOR SHALL FIELD LOCATE AND STAKE ALL LIGHT STANDARD LOCATIONS PRIOR TO INSTALLATION. ENGINEER SHALL CONFIRM ALL LOCATIONS PRIOR TO INSTALLATION. STREETLIGHTS MAY BE SHIFTED UP TO 5-FEET IN THE FIELD WITHOUT APPROVAL FROM THE ELECTRICAL ENGINEER.
- UNLESS OTHERWISE NOTED, THE WORK DESCRIBED ON THE PLANS SHALL INCLUDE ALL LABOR AND MATERIAL NECESSARY FOR COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM. FURNISH ALL REQUIRED ITEMS WHETHER SUCH ARE SPECIFICALLY SHOWN OR NOT.
- INFORMATION SHOWN ON THE DRAWINGS IS DIAGRAMMATIC ONLY AND SHALL NOT BE SCALED. OBTAIN AND VERIFY EXACT LOCATIONS, MEASUREMENTS, ELEVATIONS, SPACE REQUIREMENTS, POTENTIAL CONFLICTS AMONG TRADE, ETC. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND FOR ADJUSTING THE WORK AS REQUIRED BY THE ACTUAL CONDITIONS OF THE PROJECT.
- CONTRACTOR IS RESPONSIBLE TO MAINTAIN INTEGRITY OF ELECTRICAL SYSTEMS THAT MAY BE AFFECTED BY CONSTRUCTION WORK INCLUDING, BUT NOT LIMITED TO, EXISTING TRAFFIC AND LIGHTING WIRING AND CONDUIT, IRRIGATION WIRING, AND COMMUNICATIONS WIRING.
- COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, REGULATIONS, AND ORDINANCES; AND THE LATEST APPLICABLE REQUIREMENTS OF THE NEC AS INTERPRETED BY THE AGENCY HAVING JURISDICTION.
- MAINTAIN A COMPLETE SET OF DRAWINGS AT THE JOB SITE WITH ALL CHANGES OR VARIATIONS IN THE WORK MARKED IN AN OBVIOUS MANNER. A COMPLETE AS-BUILT SET OF DRAWINGS INCORPORATING ALL MARK-UPS OF THE WORK SHALL BE DELIVERED TO THE ENGINEER UPON COMPLETION OF THE PROJECT.
- CONTRACTOR SHALL SCHEDULE THE WORK TO CONFORM WITH THE PROGRESS OF OTHER TRADES. COORDINATE ALL INSTALLATION AND ROUGH-IN AS REQUIRED.
- INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE INFORMATION INDICATED ON THE DRAWINGS AND IN FULL ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- ALL MATERIALS SHALL BE NEW, SHALL BE SUITABLE FOR THE PURPOSE, AND SHALL BEAR THE UL LABEL. DAMAGED OR DEFECTIVE MATERIAL SHALL BE REPLACED AT NO COST TO THE PROJECT.
- COORDINATE NEW ELECTRICAL WORK AND POWER SOURCE LOCATIONS WITH THE ELECTRIC UTILITY.
- POWER OUTAGES, WHEN NECESSARY, SHALL BE SCHEDULED SUFFICIENTLY IN ADVANCE WITH THE OWNER. POWER SHALL BE INTERRUPTED ONLY AT OWNER APPROVED TIMES.
- CONTRACTOR TO SECURE AND PAY FOR ALL PERMITS, FEES, TAXES, LICENSES, AND INSPECTIONS IN CONNECTION WITH THE ELECTRICAL WORK INCLUDING ANY CONNECTION FEES OR SERVICE MEDICATION COSTS BY THE ELECTRIC UTILITY COMPANY.
- CONDUIT CROSSING OTHER UTILITIES SHALL BE ROUTED ABOVE THE UTILITY WHEN POSSIBLE. MAINTAIN A MINIMUM OF 24-INCHES OF COVER BETWEEN THE TOP OF CONDUIT AND FINISHED GRADE, OR CONCRETE ENCASED CONDUIT WHEN 20-INCHES OF COVER CANNOT BE MAINTAINED.



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BAR IS ONE INCH ON  
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NO	DATE	BY	REVISION DESCRIPTION

CLANTON & ASSOCIATES

LIGHTING DESIGN AND ENGINEERING  
4600 W. 10TH AVENUE, SUITE 102  
BOULDER, CO 80501  
303.439.7229

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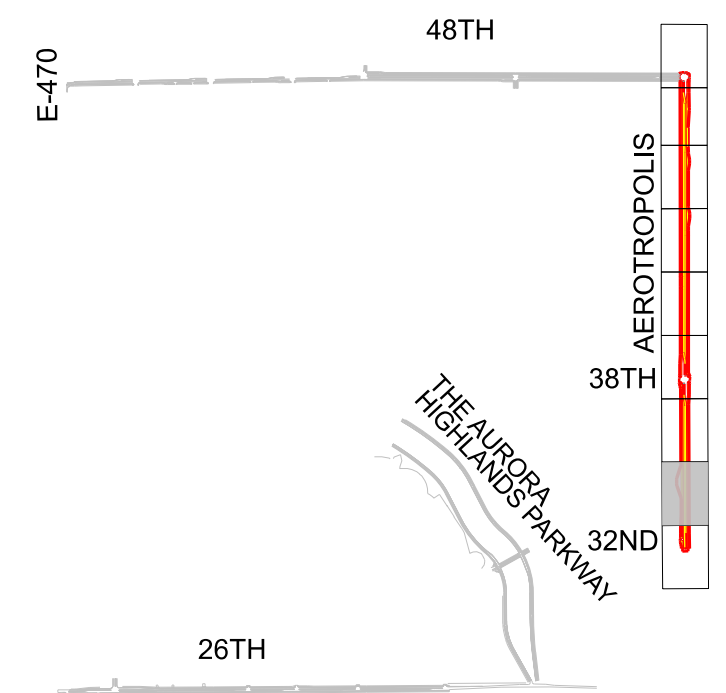
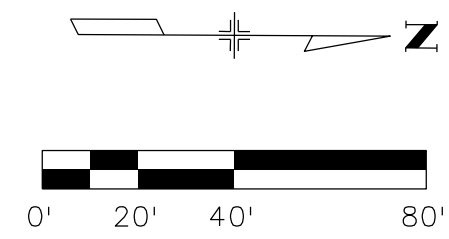
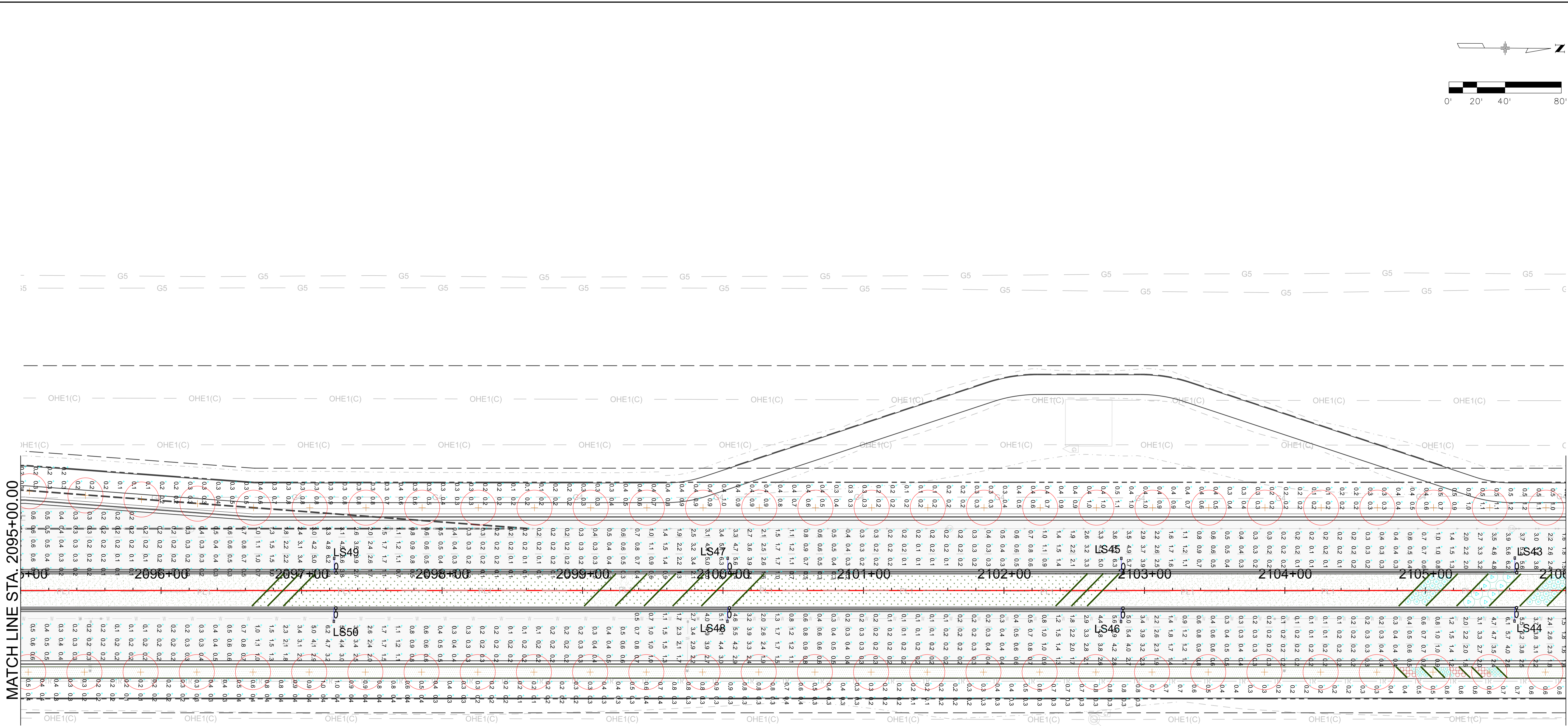
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DRAWN BY: JE  
DATE: 08/05/22

THE AURORA HIGHLANDS  
AEROTROPOLIS PARKWAY  
LIGHTING & ELECTRICAL PLANS

SHEET NO.  
3



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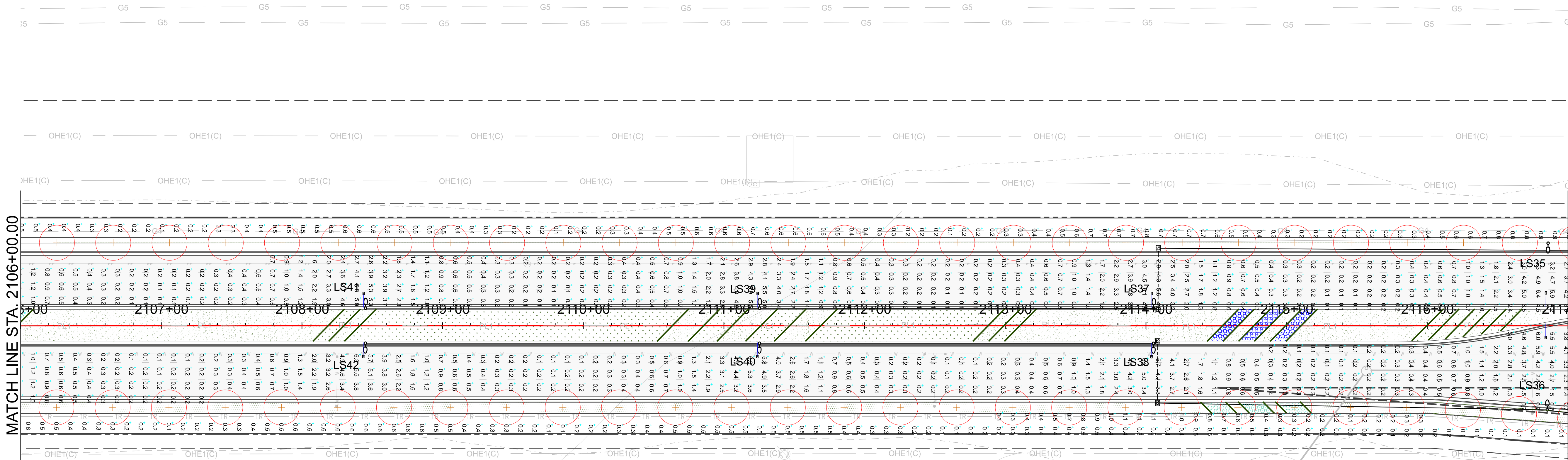
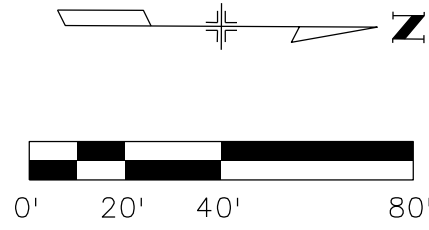
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LIGHTING & ELECTRICAL PLANS

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LIGHTING & ELECTRICAL PLANS

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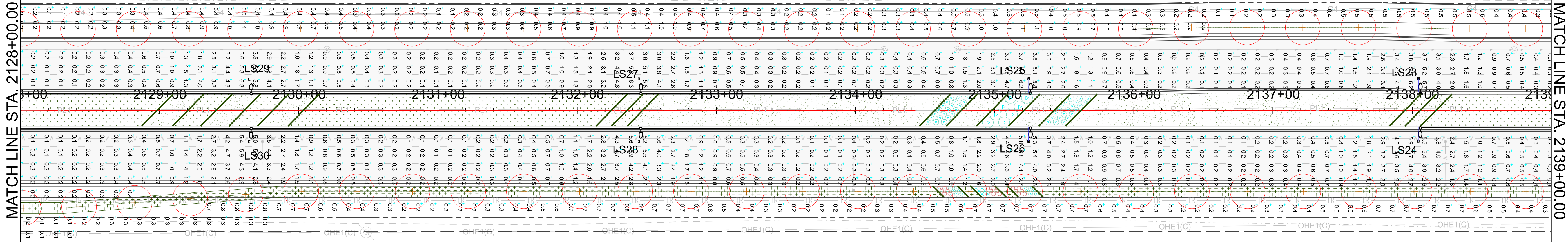


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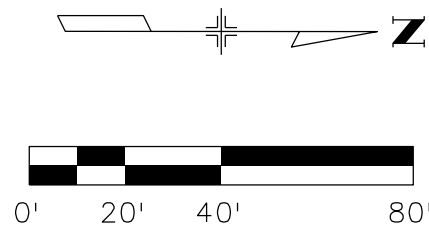
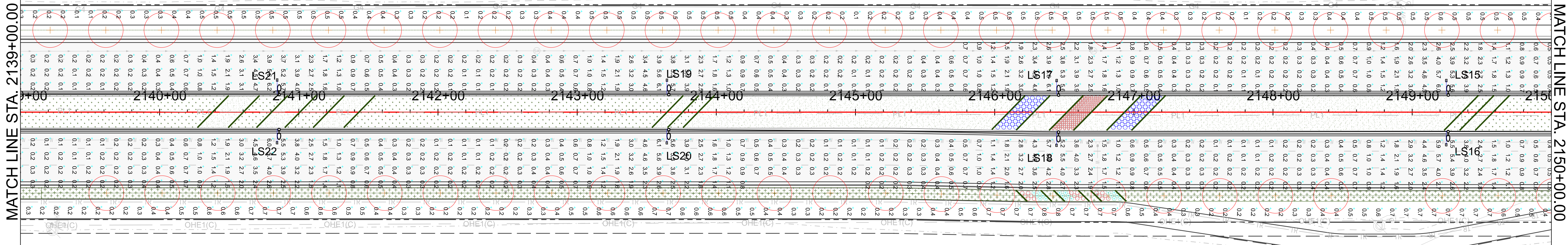


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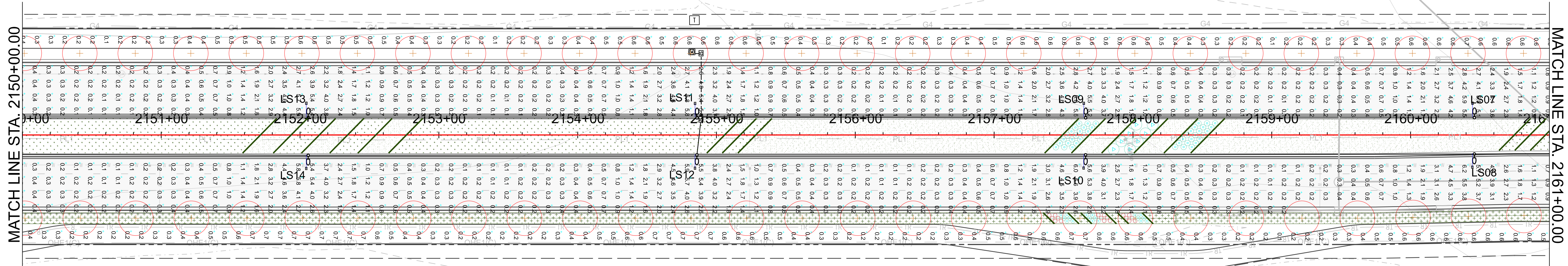
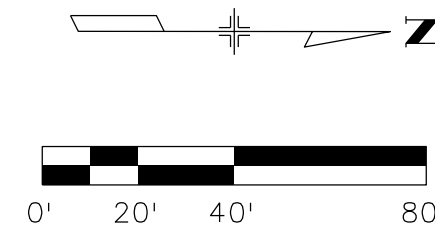
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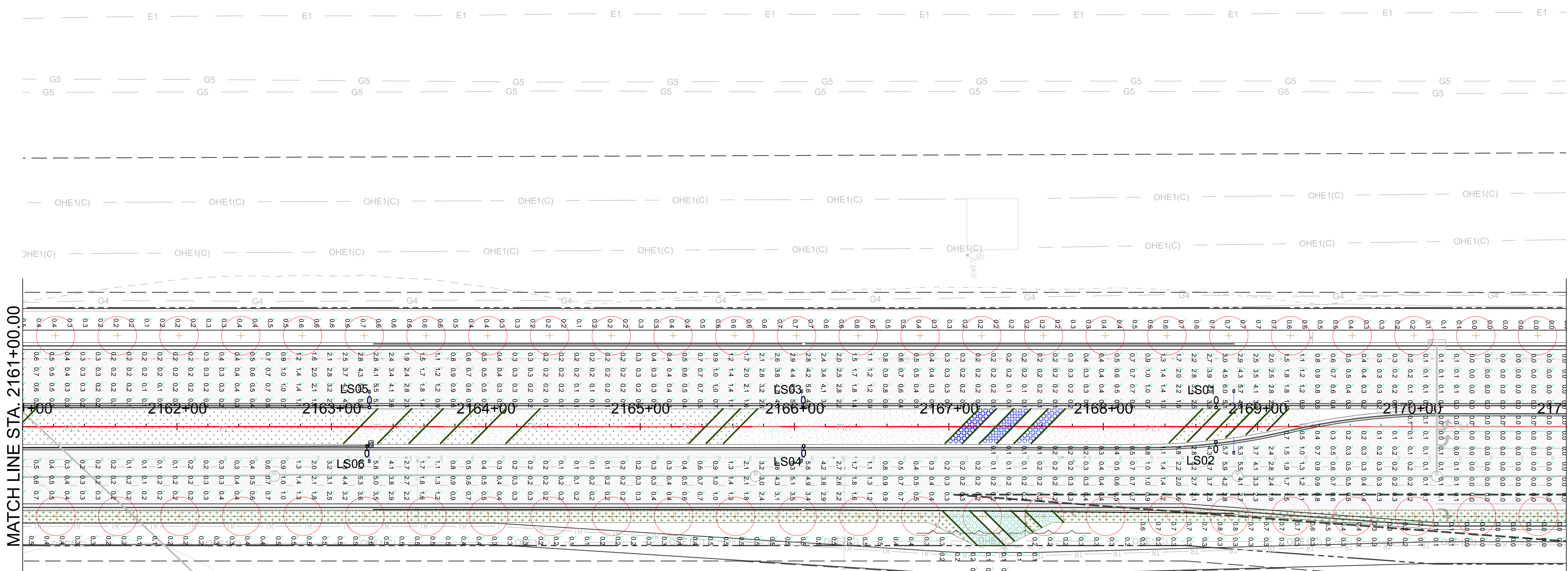


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9

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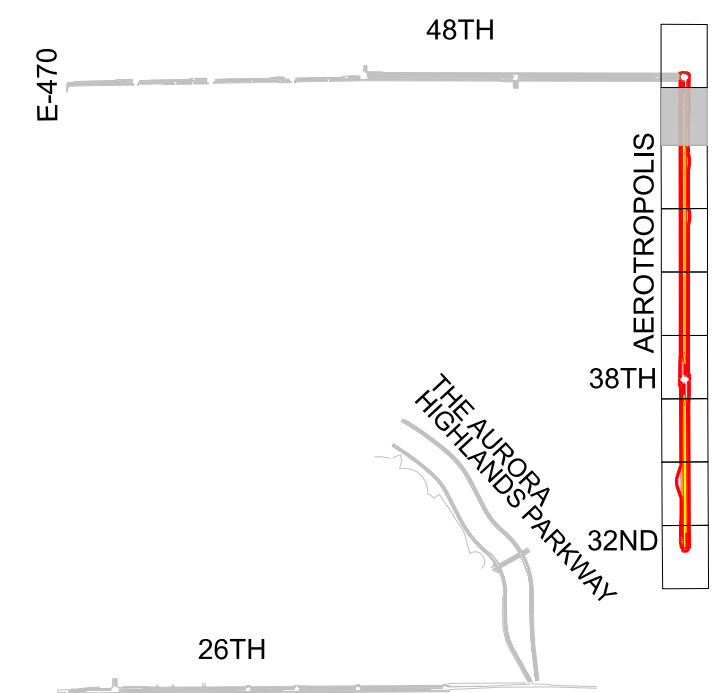
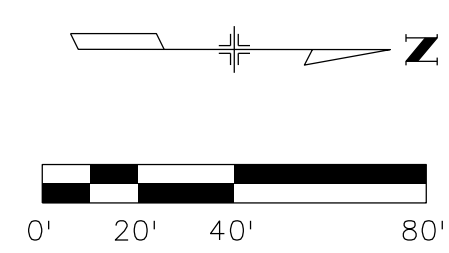
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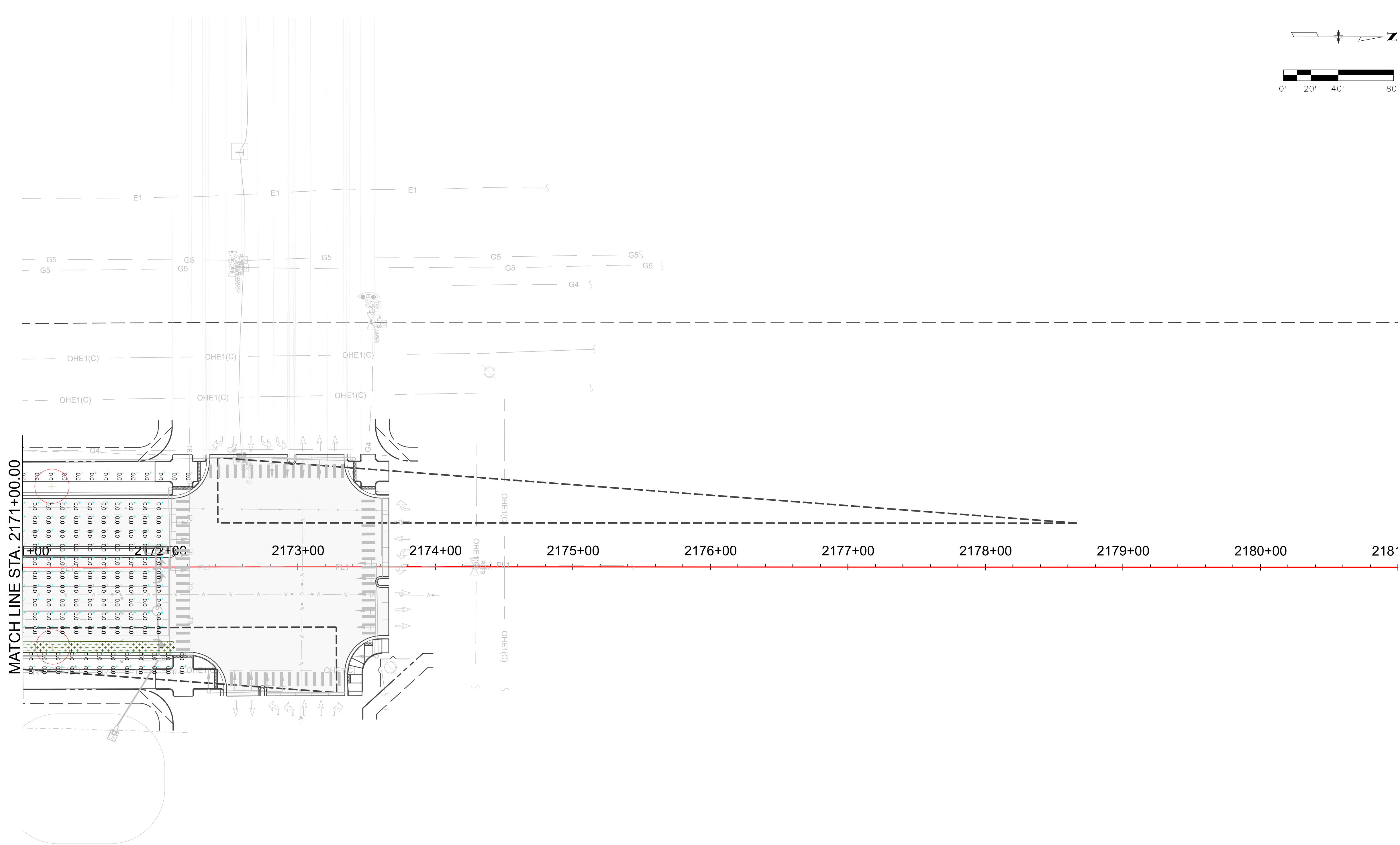
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LIGHTING & ELECTRICAL PLANS

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LIGHTING & ELECTRICAL PLANS

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