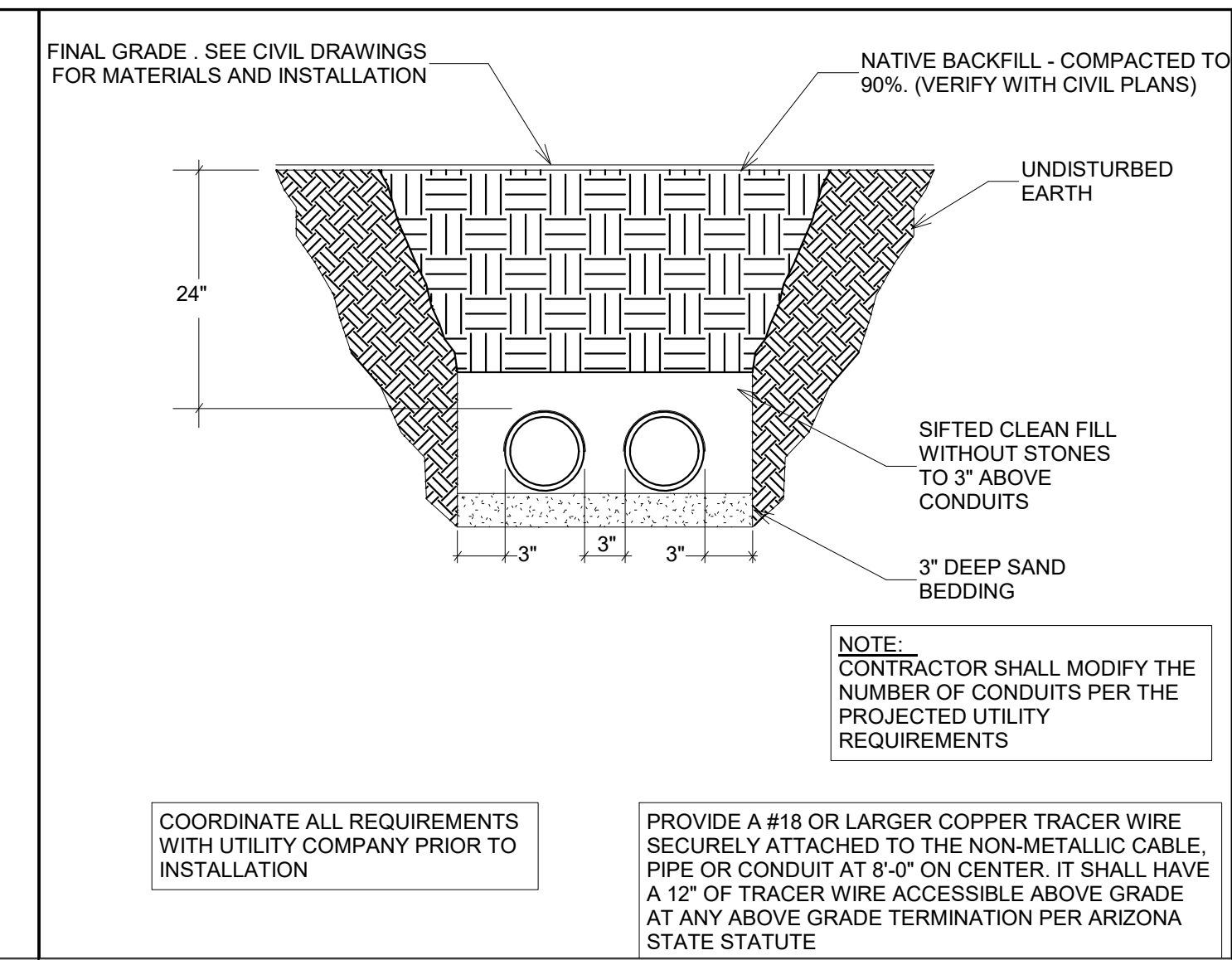
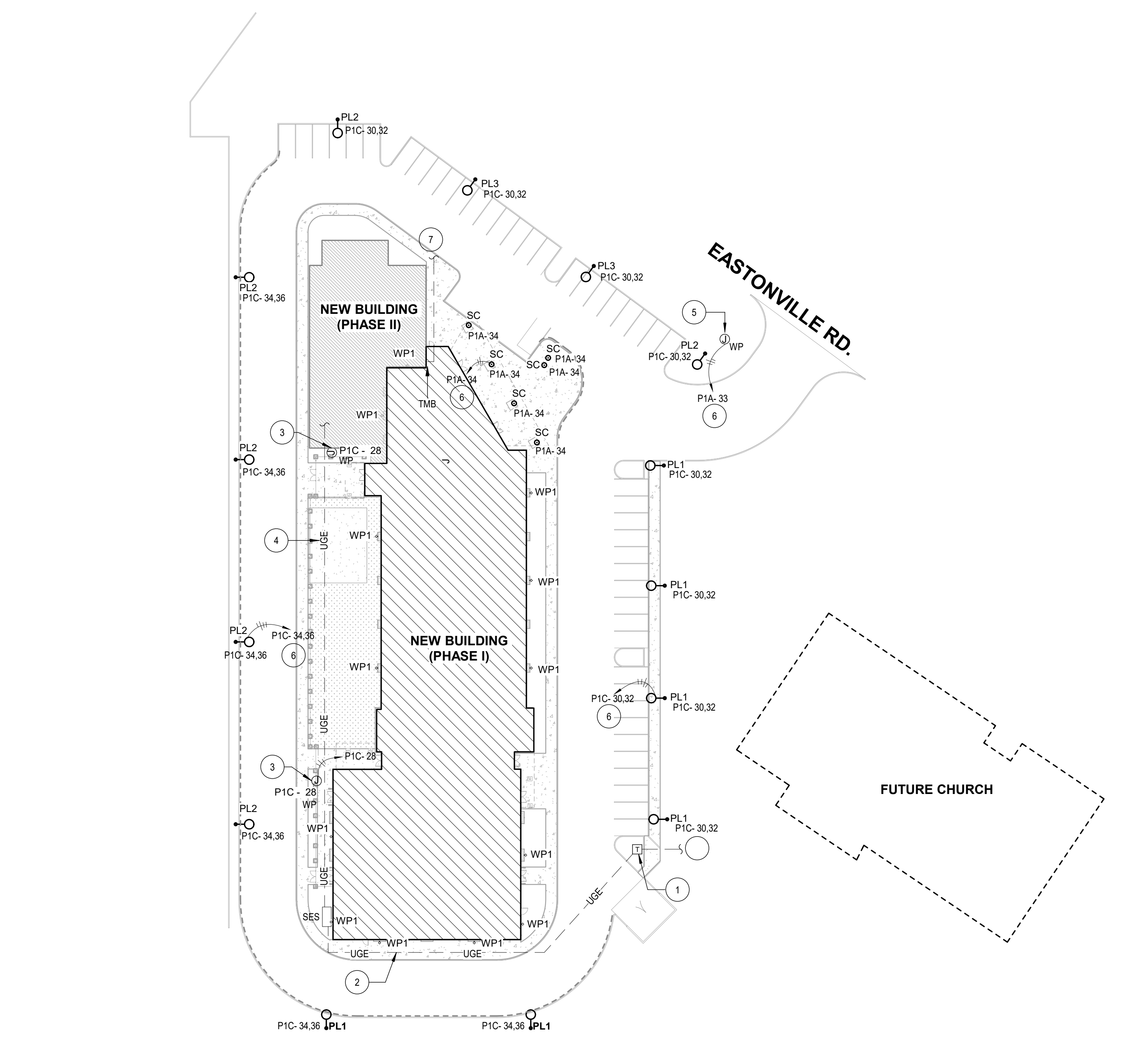


1 POLE MOUNTED DETAIL



2 GENERAL TRENCH SECTION



6 ELECTRICAL SITE PLAN
SCALE: 1" = 40'-0"

GENERAL NOTES

- A THIS ELECTRICAL UTILITIES SITE PLAN IS FOR REFERENCE ONLY. NO CONSTRUCTION IS TO BEGIN UNTIL FINAL UTILITY COMPANY PLANS ARE RECEIVED. UTILITY COMPANY DESIGN IS NOT AVAILABLE AT THIS TIME. ADDITIONAL WORK WILL BE REQUIRED.
- B ALL WORK SHALL BE PER UTILITY COMPANY CONSTRUCTION STANDARDS AND SPECIFICATIONS. PROVIDE CONDUIT SPACERS THROUGHOUT AND CONCRETE ENCASEMENT WHERE FEEDERS PASS UNDER DRIVEWAYS AND OR PARKING LOTS.
- C ALL TRANSFORMER BOXES, METER PANELS, ELECTRICAL EQUIPMENT AND MISCELLANEOUS UTILITY EQUIPMENT SHALL BE PAINTED TO MATCH ADJACENT BUILDING COLORS WHERE SCREENING IS NOT APPLICABLE. COORDINATE WITH UTILITY PRIOR TO PAINTING.
- D SEE SHEET E0.1 GENERAL NOTES FOR ADDITIONAL UTILITY COORDINATION NOTES.
- E ALL EXTERNAL LIGHTING SHALL BE LOCATED AND DESIGNED TO PREVENT RAYS FROM BEING DIRECTED OFF OF THE PROPERTY UPON WHICH THE LIGHTING IS LOCATED.
- F THE CONTRACTOR SHALL PROGRAM THE LIGHTING CONTROLLER AS PER THE LIGHTING DIAGRAM PRIOR TO CALLING THE CITY FOR THE INSPECTION.
- G THE CONTRACTOR IS TO SCHEDULE A NIGHT TIME INSPECTION OF THE ENERGIZED LIGHTING, TO ATTEND THIS INSPECTION AND TO CORRECT ALL ITEMS IDENTIFIED DURING INSPECTION PRIOR TO ISSUING THE FINAL CERTIFICATE OF OCCUPANCY.

KEYED NOTES

- 1 PROPOSED LOCATION OF UTILITY TRANSFORMER. ELECTRICAL CONTRACTOR SHALL PROVIDE CONCRETE PAD PER UTILITY COMPANY REQUIREMENTS. COORDINATE WITH UTILITY COMPANY FOR EXACT REQUIREMENTS AND LOCATION. MAINTAIN MINIMUM CLEARANCE IN FRONT, SIDES AND BACK OF UTILITY TRANSFORMER PER UTILITY REQUIREMENTS.
- 2 PROVIDE SECONDARY CONDUIT WITH MULETAPE FROM NEW UTILITY COMPANY TRANSFORMER TO S.E.S. UTILITY PULL SECTION. COORDINATE WITH UTILITY COMPANY FOR EXACT QUANTITY, ROUTING AND REQUIREMENTS. TRENCHING AND BACKFILL BY ELECTRICAL CONTRACTOR AS REQUIRED BY THE UTILITY. VERIFY EXACT ROUTING, DISTANCE AND P.O.C. WITH UTILITY PRIOR TO DIGGING.
- 3 PROVIDE WEATHER PROOF J-BOX AT GATE FOR CARD READER. VERIFY MOUNTING AND LOCATION WITH OWNER PRIOR TO INSTALLATION.
- 4 PROVIDE (2) 4" UG CONDUITS STUB-UPS WITH PULL STRING FOR FUTURE PHASE 2 ADDITION, FROM SES TO FUTURE BUILDING ELECTRICAL ROOM LOCATION. VERIFY EXACT ROUTING, DISTANCE, AND STUB-UP WITH OWNER PRIOR TO DIGGING.
- 5 PROVIDE WP J-BOX FOR MONUMENT SIGN LIGHTING. COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.
- 6 ROUTE LIGHTING HOME RUN THROUGH LIGHTING CONTROL PANEL OR TIME CLOCK AS REQUIRED FOR CONTROL.
- 7 PROVIDE (2) 4" CONDUIT WITH PULL WIRE TO TEL/CO/CATV POINT OF CONNECTION. COORDINATE WITH UTILITY COMPANY FOR EXACT ROUTING AND REQUIREMENTS. PROVIDE PULL BOXES AS REQUIRED.



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**NEW SCHOOL CAMPUS FOR:
LIBERTY TREE ACADEMY**

8579 EASTONVILLE RD,
PEYTON, CO 80831

CONSTRUCTION DOCUMENTS

REVISION	DATE	DESCRIPTION	BY

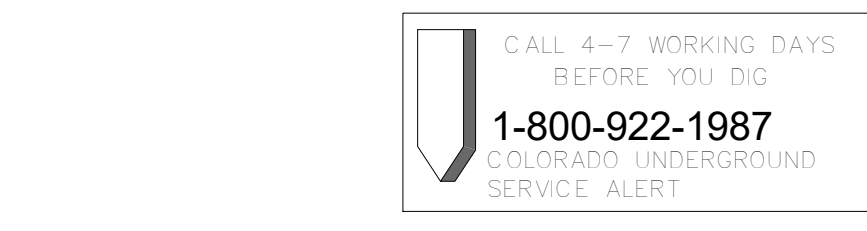
PROJECT NO. **18001**

DATE **JUNE 27, 2018**

SCALE **As indicated** DRAWN BY **Author**

DRAWING TITLE **ELECTRICAL SITE PLAN**

DRAWING NUMBER **E1.1**



Power Company: MOUNTAIN VIEW ELECTRIC
Telephone #: 1-719-495-2283

Telephone Company: Century Link
Telephone #: 1-719-453-1443

Submit drawings to Utility Company representative as required in the General Notes included in the Electrical Drawings.



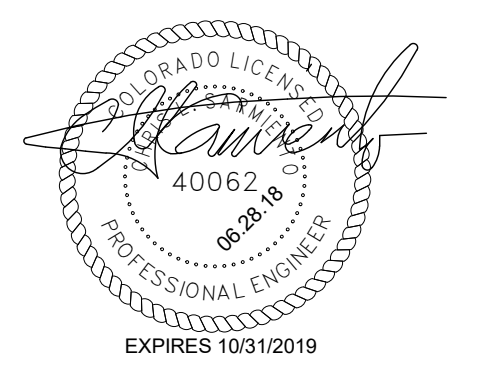
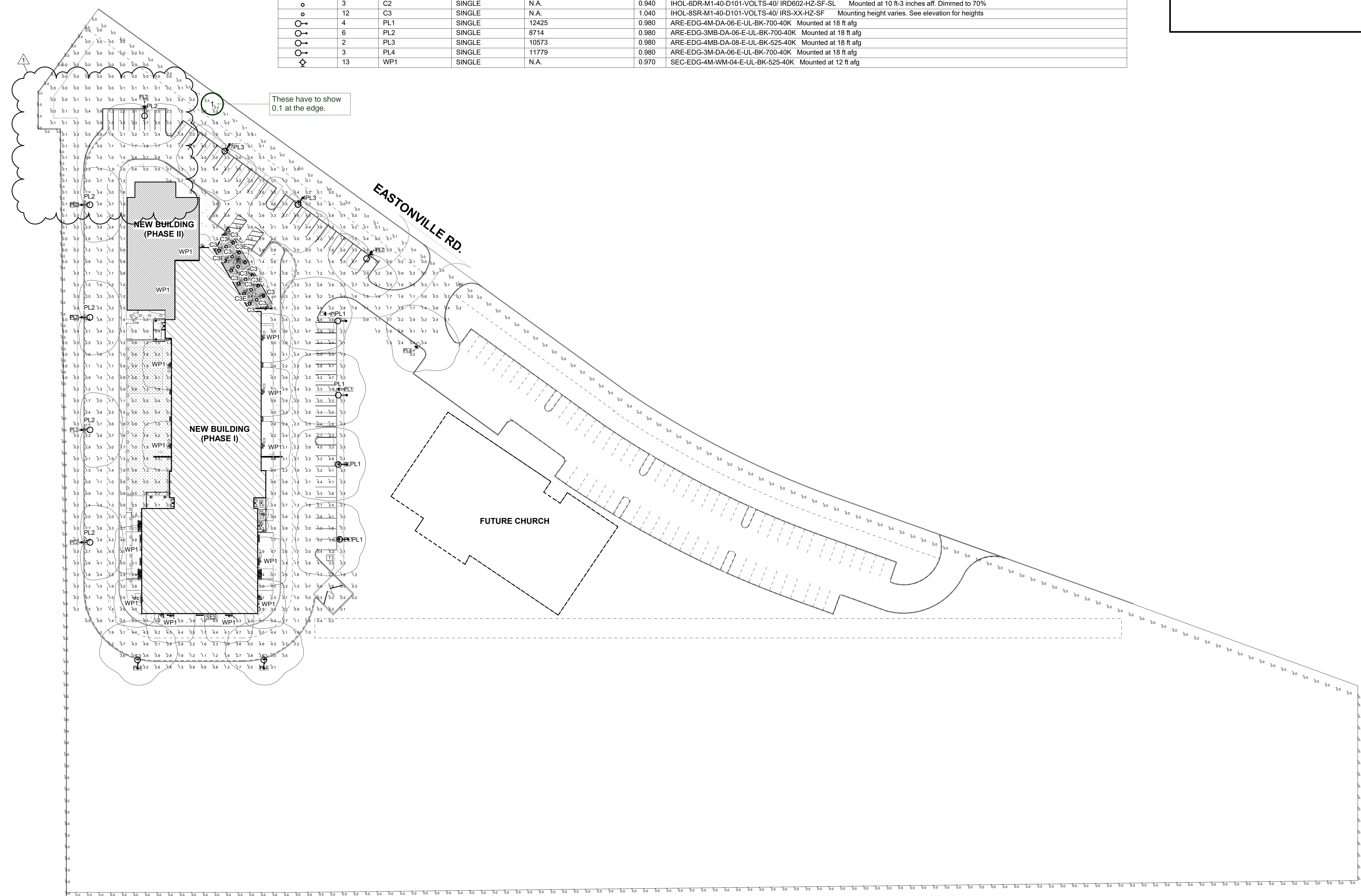
GENERAL NOTES

1 ALL EXTERNAL LIGHTING SHALL BE LOCATED AND DESIGNED TO PREVENT RAYS FROM BEING DIRECTED OFF OF THE PROPERTY UPON WHICH THE LIGHTING IS LOCATED.

**LIBERTY TREE
ACADEMY**

WWL Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Grade	Illuminance	Fc	2.03	9.4	0.0	N.A.	N.A.
Spill at property line	Illuminance	Fc	0.00	0.2	0.0	N.A.	N.A.

WWL Luminaire Schedule							
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	
○	3	C2	SINGLE	N.A.	0.940	IHOL-6DR-M1-40-D101-VOLTS-40/ IRD602-HZ-SF-SL Mounted at 10 ft-3 inches aff. Dimmed to 70%	
○	12	C3	SINGLE	N.A.	1.040	IHOL-8SR-M1-40-D101-VOLTS-40/ IRS-XX-HZ-SF Mounting height varies. See elevation for heights	
○→	4	PL1	SINGLE	12425	0.980	ARE-EDG-4M-DA-06-E-UL-BK-700-40K Mounted at 18 ft afg	
○→	6	PL2	SINGLE	8714	0.980	ARE-EDG-3MB-DA-06-E-UL-BK-700-40K Mounted at 18 ft afg	
○→	2	PL3	SINGLE	10573	0.980	ARE-EDG-4MB-DA-08-E-UL-BK-525-40K Mounted at 18 ft afg	
○→	3	PL4	SINGLE	11779	0.980	ARE-EDG-3M-DA-06-E-UL-BK-700-40K Mounted at 18 ft afg	
○→	13	WP1	SINGLE	N.A.	0.970	SEC-EDG-4M-WM-04-E-UL-BK-525-40K Mounted at 12 ft afg	



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PEYTON, CO 80831

CONSTRUCTION DOCUMENTS

REVISION	DATE	DESCRIPTION	BY
1	06.27.18	City Comments	

PROJECT NO. **18001**

DATE **JUNE 27, 2018**

SCALE **1" = 40'-0"** DRAWN BY **Author**

DRAWING TITLE
ELECTRICAL SITE PHOTOMETRIC CALCULATIONS

DRAWING NUMBER
E1.2

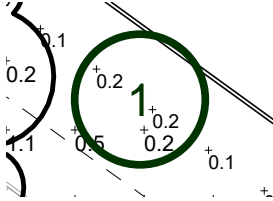
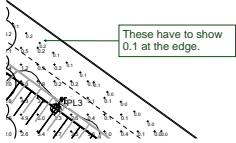
Markup Summary

dskendall (2)

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