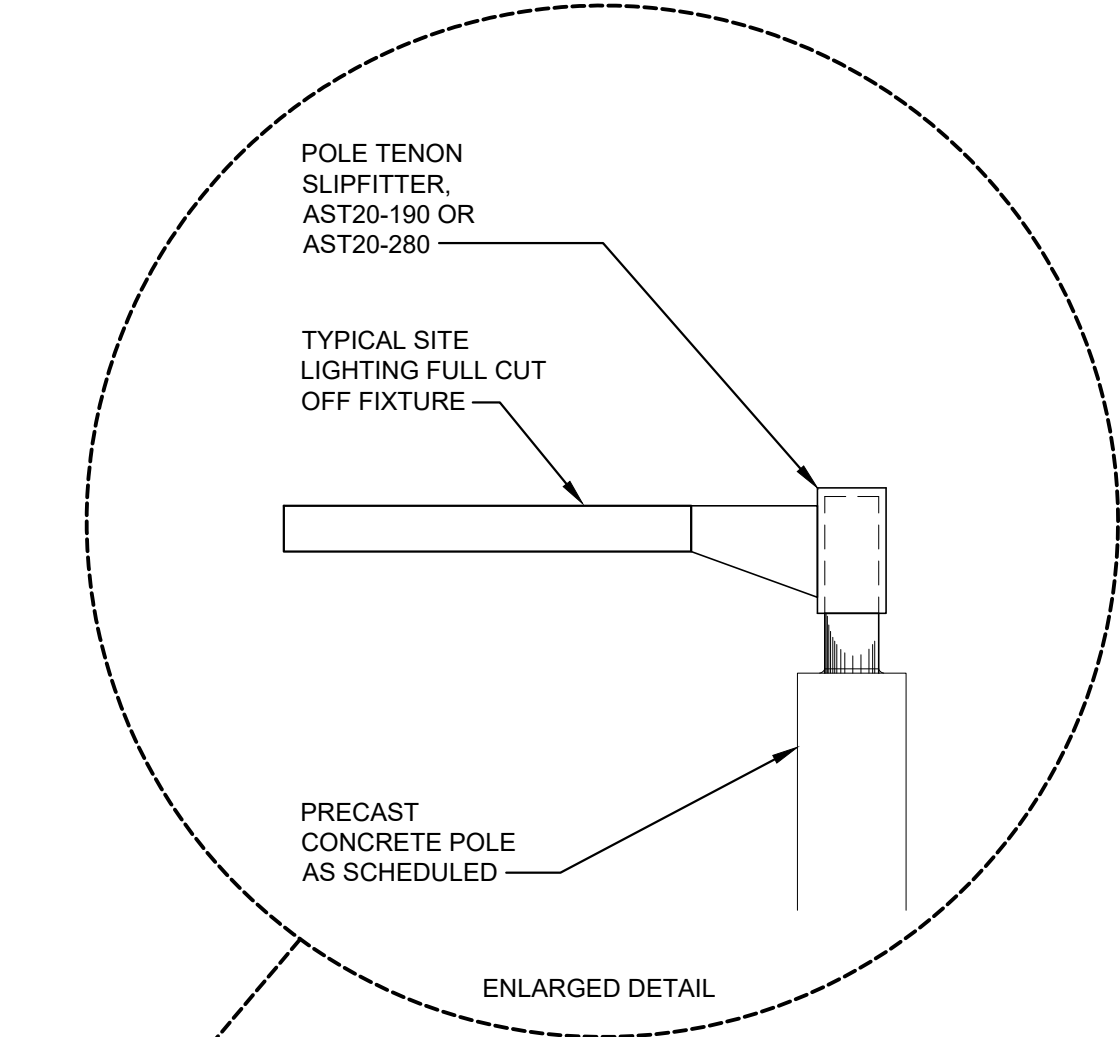
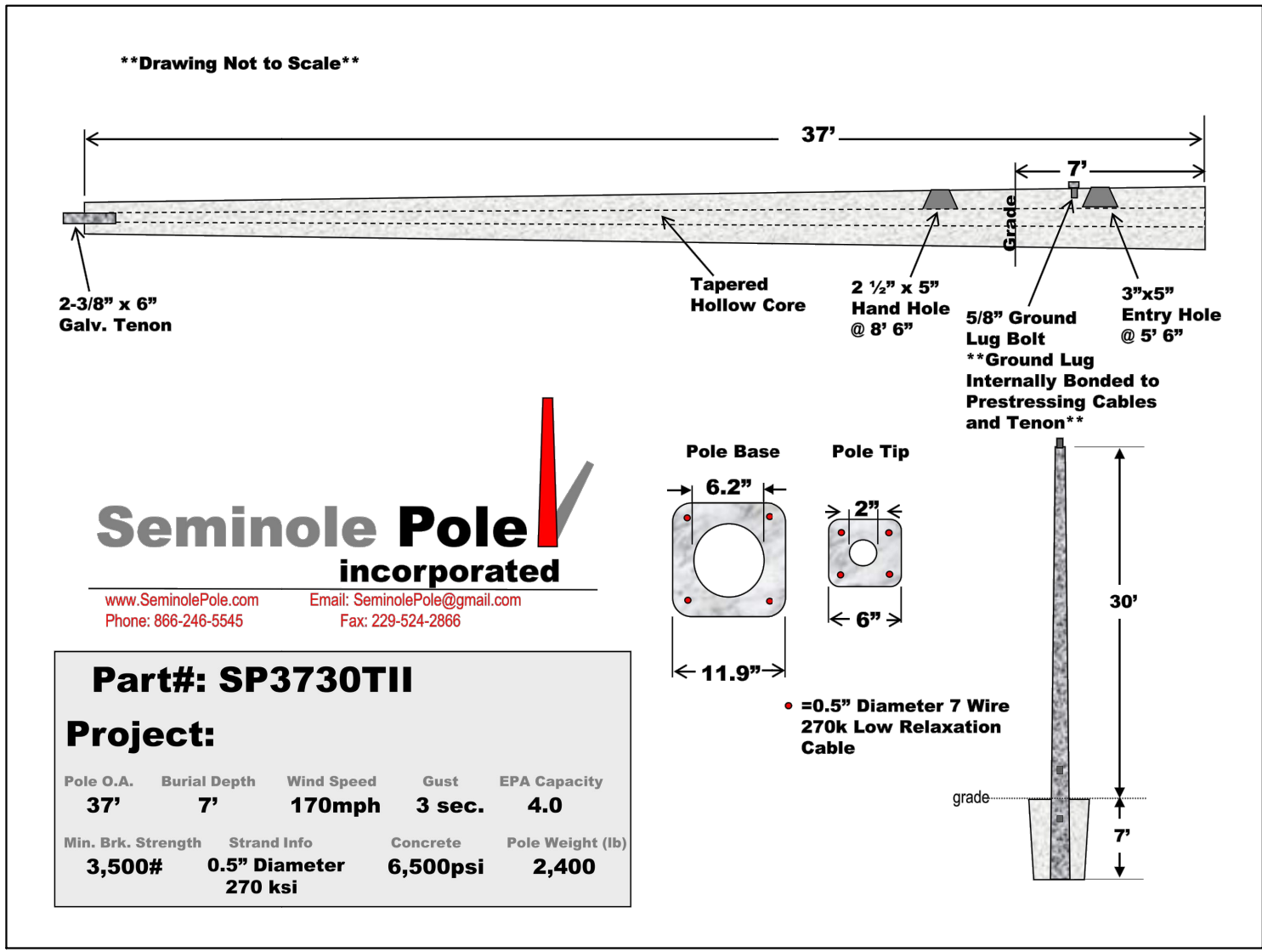


PARKING LOT LUMINAIRE SCHEDULE										
TYPE	SPECIFICATION		LAMP DATA				WATTS PER LUMINAIRE	MONTING ABOVE FINISHED GRADE (AFG)	REMARKS	
	MANUFACTURER	CATALOG NUMBER	TYPE	NO.	WATTS	LAMP TYPE	BALLAST/VOLTAGE			
OL3	LITHONIA	DSX2-LED-P3-40K-T3M-MVOLT-SPA-DDBXD-AS3-5-190	LED	1	217	LED4000K	ELECTRONIC, HPF 208V	217	POLE AT 33'-0"	TYPE III DISTRIBUTION, SEE NOTE-1.2
OL5H	LITHONIA	DSX2-LED-P3-40K-T4M-MVOLT-RPA-DDBXD-HS-AS3-5-190	LED	1	217	LED4000K	ELECTRONIC, HPF 208V	217	POLE AT 33'-0"	TYPE V DISTRIBUTION, HOUSE SIDE SHIELD, SEE NOTE-1.2
OL5	LITHONIA	DSX2-LED-P3-40K-T5M-MVOLT-SPA-DDBXD-AS3-5-280	LED	2	434	LED4000K	ELECTRONIC, HPF 208V	217	POLE AT 33'-0"	TYPE V DISTRIBUTION, SEE NOTE-1.2

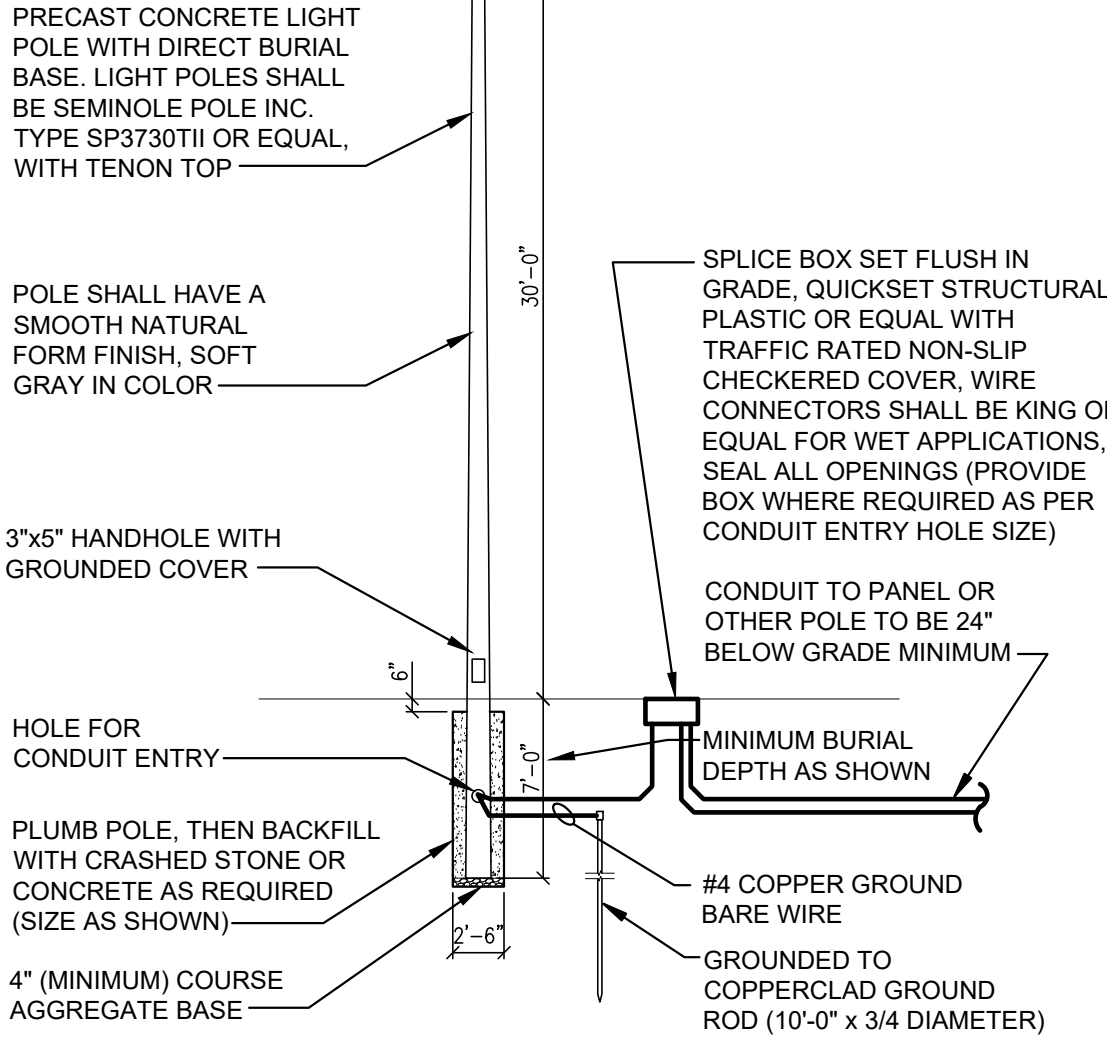
NOTE: REFER TO LUMINAIRE SCHEDULE ON SHEET E4.2 FOR WALL MOUNTED AND RECESSED CANOPY LIGHTS INFO

SITE POLE NOTES:

1. AT EACH POLE LOCATION, PROVIDE A 3/4 "X10' COPPER CLAD GROUND ROD CONNECTED BY A #4 BARE COPPER CONDUCTOR CAST INTO THE CONCRETE POLE.
2. CONCRETE LIGHT POLES WITH DIRECT BURIAL BASE MOUNTING SHALL BE USED. POLES SHALL BE PRE-STRESSED TAPERED CONCRETE POLES AS MANUFACTURED BY SEMINOLE POLE INC. FURNISH WITH HAND HOLE AND GROUND COVER. POLES SHALL BE RATED FOR 130 MPH (130 MILES PER HOUR) WIND. POLES SHALL BE PLUMBED PERFECTLY VERTICAL. POLE SHALL HAVE A SMOOTH NATURAL FORM FINISH, SOFT GRAY IN COLOR.
3. IF REPLACEMENT POLES ARE USED CONTRACTOR SHALL SUBMIT CALCULATIONS FROM THE POLE MANUFACTURER, SEALED BY A LICENSED STRUCTURAL ENGINEER, TO CERTIFY PERFORMANCE OF EACH POLE AND FIXTURE ASSEMBLY TO 130 MPH (130 MILES PER HOUR) WIND LOAD. LIGHT POLE TOTAL LENGTH AND MOUNTING HEIGHT IS SHOWN IN DETAIL 2/E0.1 AND LUMINAIRE SCHEDULE.



LIGHT POLE CUT SHEET



2 LIGHT POLE DETAIL E0.1 SCALE: NOT TO SCALE

GENERAL NOTES:

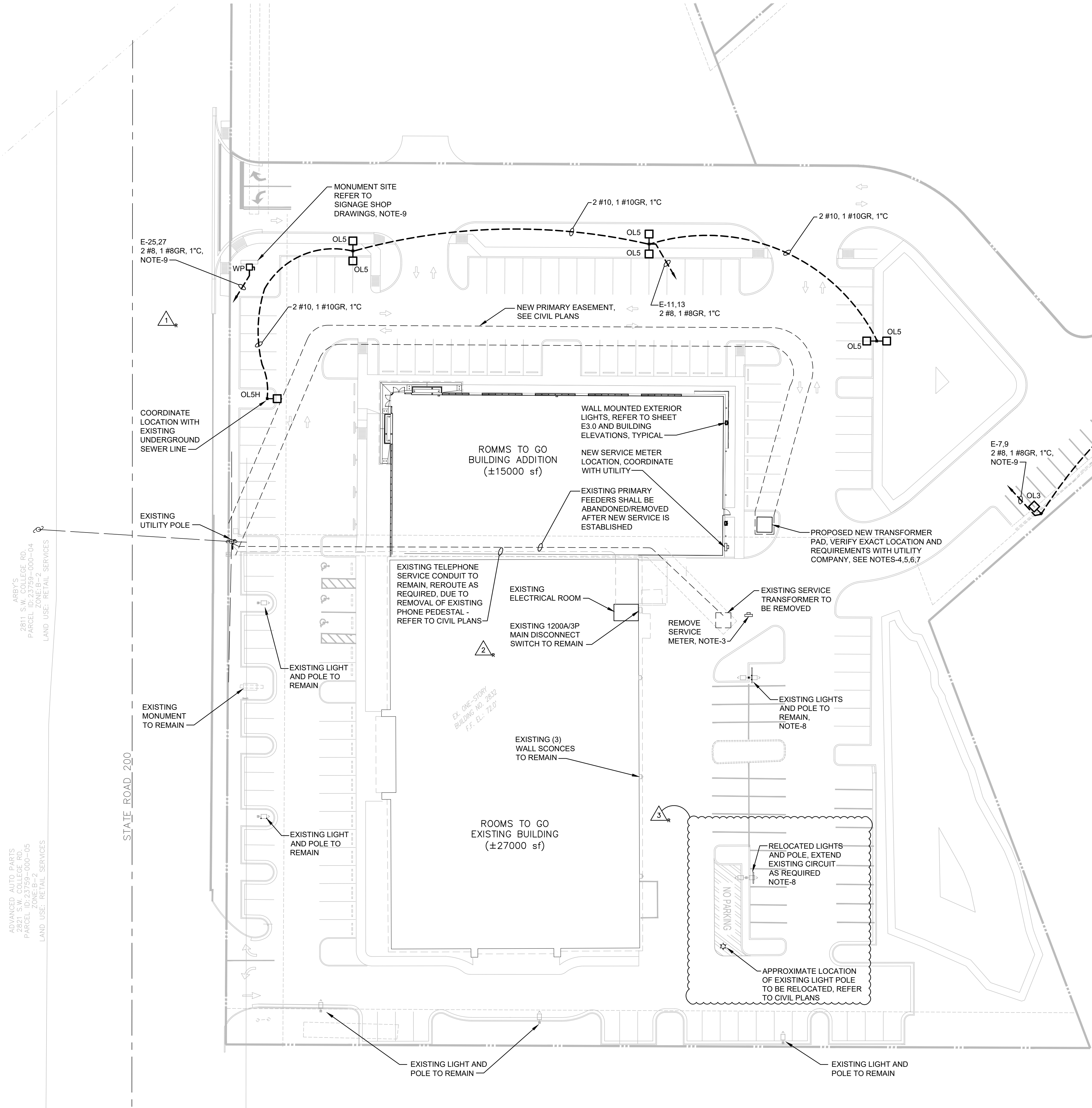
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID EXISTING CONDUITS, PIPING AND DUCTS, AND TO PREVENT HAZARD TO PERSONNEL AND DAMAGE TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE ENGINEER IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES, WHETHER SHOWN OR DETAILED AND INSTALLED BY THIS OR ANY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ELECTRIC SERVICE ENTRANCE, BRANCH CIRCUIT AND TELEPHONE SERVICE ENTRANCE WITH UNDERGROUND SITE WORK OF OTHER DIVISIONS AS RELATED TO THIS CONTRACT, OR THEREBY AFFECTED. VISIT THE JOB SITE PRIOR TO BID AND INCLUDE ALL REQUIRED COST TO PROVIDE A COMPLETE, FUNCTIONAL AND CODE COMPLIANT ELECTRICAL INSTALLATION.
- ALL UNDERGROUND WIRING IS TO BE INSTALLED IN SCHEDULE 40 PVC CONDUIT PER THE WRITTEN SPECIFICATIONS. RIGID STEEL ELBOWS ARE TO BE USED ON THE CONDUIT WHEREVER IT TURNS UP AND EXITS THE GROUND. ALL REQUIRED 90° ELBOWS OF UTILITY CONDUITS TO BE OF SWEEPING TYPE AND RIGID (NOT PVC).
- PROVIDE 1/4" NYLON ROPE IN ALL EMPTY CONDUITS, TAGGED AS REQUIRED BY THE UTILITIES CONCERNED. PROVIDE EASILY IDENTIFIABLE MARKERS ON ALL CONDUIT STUB-UPS.
- GROUND WIRES SHALL BE #10 COPPER MINIMUM WITH GREEN INSULATION, UNLESS NOTED OTHERWISE.
- INSTALL PRE-CAST LIGHT POLES 3' BACK FROM THE CURB IN LANDSCAPING AREA WHERE VEHICULAR IMPACT IS POSSIBLE. WHEEL STOPS SHALL BE PROVIDED IF POLES ARE INSTALLED IN PAVED AREA, TO PROTECT EXPOSED SITE LIGHT POLES (IF APPLICABLE).
- EXISTING SITE LIGHTING POLES IN EXISTING PARKING LOT TO REMAIN UNLESS NOTED OTHERWISE.
- EXISTING WALL MOUNTED FIXTURES ON EXISTING BUILDING SHALL REMAIN.
- REFER TO CIVIL PLANS FOR MORE INFORMATION.
- TRENCH FOR NEW UNDERGROUND ELECTRICAL AS REQUIRED. INCLUDE THE PROVISIONS FOR UNDERGROUND CONDUITS, EXCAVATION, BACKFILL, COMPACTION, RE-PAVEMENT, ETC., PRIOR TO SUBMITTING BID.
- EXISTING STORE SHALL REMAIN IN OPERATION DURING DEMOLITION AND CONSTRUCTION WORK. CONTRACTOR SHALL COORDINATE WITH OWNER AND UTILITY COMPANIES REGARDING PHASING AND SERVICE SWITCH-OVER.

ELECTRICAL NOTES:

- PARKING LOT LUMINAIRES AND MOUNTING HARDWARE SHALL BE FURNISHED WITH DARK BRONZE ELECTROSTATIC POWDER COAT. LUMINAIRES SHALL BE FULL CUT OFF ARCHITECTURAL SITE LIGHTS EQUAL TO LITHONIA FIXTURE AS SCHEDULED, WITH LED LAMPS - NO EXCEPTIONS. COORDINATE MOUNTING REQUIREMENTS FOR TENON TOP POLE.
- CONCRETE LIGHT POLES WITH DIRECT BURIAL BASE MOUNTING SHALL BE USED. POLES SHALL BE AS MANUFACTURED BY SEMINOLE POLE INC., OR APPROVED EQUAL - REFER TO DETAIL 2/E0.1.
- EXISTING PEDESTAL MOUNT SERVICE METER TO BE REMOVED OR RELOCATED PER UTILITY COMPANY REQUIREMENTS.
- ELECTRIC UTILITY COMPANY PAD MOUNTED TRANSFORMER. CONTRACTOR SHALL COORDINATE EXACT LOCATION, SERVICE CLEARANCES AND INSTALLATION REQUIREMENTS WITH THE ELECTRIC UTILITY COMPANY.
- SERVICE TRANSFORMER PAD, CURB, BOLLARDS AND GROUNDING SHALL BE PROVIDED PER UTILITY COMPANY REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE WITH THE ELECTRIC UTILITY COMPANY ALL PRIMARY SERVICE WORK TO SERVICE TRANSFORMER, INCLUDING THE PROVISIONS FOR UNDERGROUND CONDUITS, EXCAVATION, BACKFILL, COMPACTION, ETC. PRIOR TO SUBMITTING HIS BID.
- PROVIDE UNDERGROUND SECONDARY SERVICE FEEDERS AS INDICATED ON ONE LINE DIAGRAM (SHEET E4.0). REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON MATERIALS AND METHODS OF INSTALLATION. COORDINATE FINAL CONNECTIONS TO SECONDARY OF SERVICE TRANSFORMERS WITH ELECTRIC UTILITY COMPANY. REFER TO UTILITY COMPANY ELECTRICAL SERVICE STANDARDS FOR ADDITIONAL INFORMATION.
- EXISTING PARKING LOT POLE AND POLE MOUNTED LUMINAIRE(S) TO REMAIN. PROVIDE WHEEL STOP IN PAVED AREA TO PROTECT EXPOSED SITE POLE.
- CIRCUITS FROM NEW PANEL "E" TO NEW SITE SIGNS AND THREE LIGHT POLES ALONG ACCESS DRIVE SHALL BE SEPARATELY SUB-METERED. PROVIDE DIGITAL METER HONEYWELL "E-MON" CLASS 1000 CATALOG NUMBER E10-320850-KIT, OR EQUAL, WITH TWO SETS OF SPLIT CORE CURRENT SENSORS (FOUR SENSORS TOTAL). INSTALL SENSORS PER MANUFACTURER'S SPECIFICATIONS, ON LINE SIDE OF THE FEEDERS (FROM PANEL "E" TO CONTACTOR C-5). CONNECT METER TO LINE SIDE OF A CIRCUIT FROM PANEL "E" (E-25,27), AND MAKE ALL FINAL CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS.

THE UTILITY COMPANIES FOR THIS PROJECT ARE:

ELECTRICAL SERVICE:	TELEPHONE SERVICE:
OCALA ELECTRIC UTILITY ATTN: MR. PAUL SOKORCO 1805 NE 30th AVENUE OCALA, FL 34470 PHONE: (352) 351-6820	CENTURY LINK ATTN: MR. ANTHONY ANDERSON 319 SE BROADWAY STREET OCALA, FL 34471 PHONE: (352) 368-3392



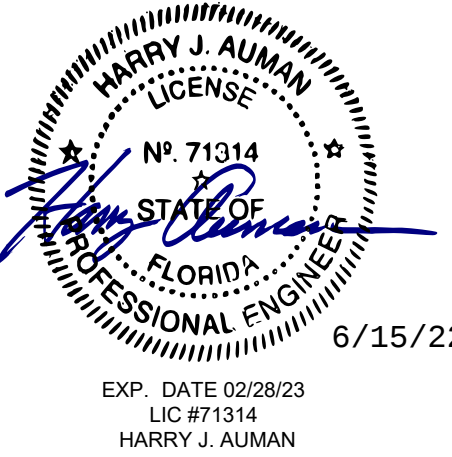
1 ELECTRICAL SITE PLAN E0.1 SCALE: 1' = 30'-0"



ROOMS PATIO ADDITION
2832 SW COLLEGE ROAD
OCALA, FLORIDA 34474
TO GO

CONSTR. DOC. & REVISIONS

No.	Description	Code	Comments	Date
1	Add #1			12/13/21
2	Add #2			05/02/22
3	CB #1			05/09/22
				06/15/22



Drawn By/Checked By: ZT
Project Number: 2100630
Owner & Permit Date: 09/21/21
Bid Date: 04/20/22

ELECTRICAL SITE
PLAN

E0.1

CASCO
12 Sumner Drive, Suite 100, St. Louis, MO 63143
T: 314.821.1100