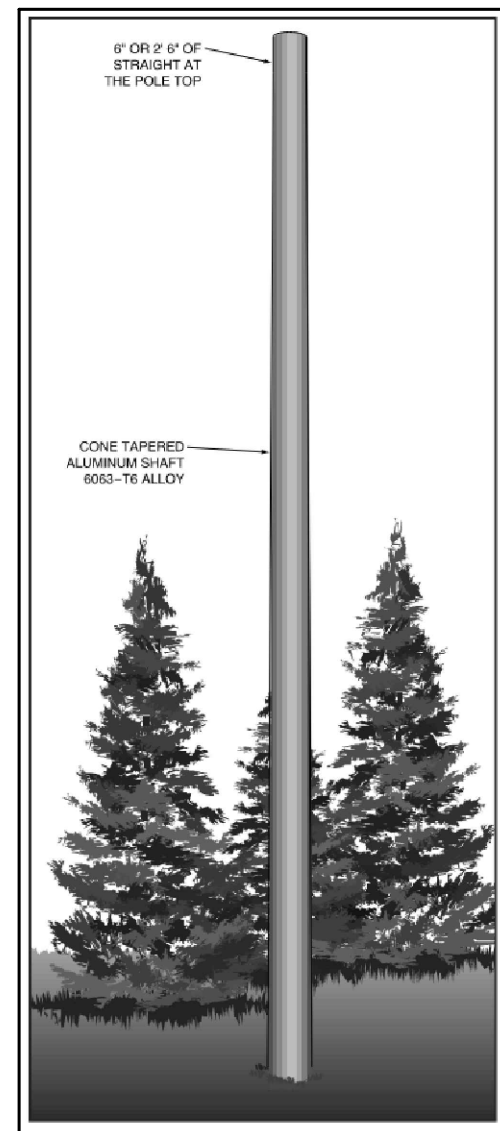


GENERAL SITE NOTES

- ALL EXISTING AND CIVIL CONDITIONS TO BE FIELD VERIFIED PRIOR TO START OF WORK.
- ALL ELECTRICAL WORK SHALL BE IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 2020 NEC AND ALL OTHER APPLICABLE CODES AND ORDINANCES.
- CONTRACTOR SHALL INSTALL A GREEN EQUIPMENT GROUNDING WIRE IN ALL CONDUITS AND SHALL BOND THE GROUND WIRE TO ALL DEVICES AND ELECTRICALLY WIRED EQUIPMENT. GROUNDING AND BONDING SHALL BE INSTALLED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE, ARTICLE 250.
- LIGHT FIXTURES ARE SELECTED FOR PHOTOMETRIC PERFORMANCE, QUALITY, AND AESTHETICS. SUBSTITUTIONS REQUIRE FIXTURE SUBMITTALS AND PHOTOMETRIC DATA AT LEAST 10 DAYS PRIOR TO BID DATE. WRITTEN APPROVAL IS REQUIRED BY THE ENGINEER PRIOR TO BID DATE.
- EXTERIOR LIGHTING SHALL BE PROVIDED WITH PHOTOCELL, 24HR TIMECLOCK OR TIMER CONTROLS. COORDINATE LIGHTING CONTROL SETTINGS AND CONTROLLER LOCATIONS WITH OWNER AND GC. PROVIDE CONTRACTORS AND ACCESSORIES AS NECESSARY FOR A FULLY OPERATIONAL SITE LIGHTING SYSTEM.
- PRIOR TO ORDERING MATERIALS AND EQUIPMENT, CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL ELECTRICAL EQUIPMENT AND MATERIAL PROVIDED IN THIS PROJECT. SUBMITTALS SHALL INCLUDE SPECIFICATION SHEETS FOR ELECTRICAL EQUIPMENT. WRITTEN APPROVAL BY THE ENGINEER-OF-RECORD OR ARCHITECT IS REQUIRED PRIOR TO ORDERING EQUIPMENT.
- SEE ELECTRICAL FEEDER SCHEDULES INDICATING WIRE, FEEDER AND CONDUCTOR SIZING.
- PROVIDE HOUSE SIDE SHIELD FOR LIGHT FIXTURES AROUND PERIMETER OF PROPERTY AS NECESSARY TO HAVE 0 FOOT CANDLES OF LIGHTING AT BOUNDARY.
- SEE CIVIL PLANS FOR SITE SCALES AND MEASUREMENTS.
- PROVIDE ACCEPTABLE LIGHT POLE FOR APPLICATION AND FIXTURE MOUNTING.
- THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING ALL ACCEPTABLE POLES, STRUCTURES, BASE SUPPORTS, CONCRETE SUPPORTS, AND MOUNTING SYSTEMS FOR SITE LIGHTING. COORDINATION WITH THE GC AND THE LIGHTING MANUFACTURER IS REQUIRED PRIOR TO BIDDING. SUBMITTALS AND PURCHASING PROVIDE ANCHORAGE FOR MOUNTING SITE POLES IN COMPLIANCE WITH FBC WIND SPEEDS AND IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS. PROVIDE CONCRETE FOR EMBEDDING POLES IF REQUIRED TO WITHSTAND WIND LOADS.
- ALL SITE LIGHT POLES SHALL BE HURRICANE RATED IN ACCORDANCE WITH THE RISK CATEGORY AND WIND LOADS FOR PROJECT LOCATION.
- THE LIGHTING CIRCUITS SHOWN ARE DIAGRAMMATIC AND REPRESENT THE DESIGN INTENT ONLY. ACTUAL FIELD CONDITIONS MUST BE VERIFIED AND LIGHTING CIRCUITS ADJUSTED ACCORDINGLY TO ENSURE COMPLIANCE WITH THE DESIGN INTENT, INCLUDING PROPER POWER DISTRIBUTION AND CONTROL INTEGRATION.



- 8' to 30' mounting heights.
- Tenons, brackets, and arms designed for single or multiple luminaire mounting.
- Luminaires may be mounted on tenons, brackets or shaft may be drilled to manufacturer's mounting specifications.

SPECIFICATIONS

All aluminum alloys shall comply with metallurgical and mechanical properties set forth in the Aluminum Association Standards.

Shaft: The shaft shall be spun tapered from all new seamless 6063 alloy aluminum tubing and shall be heat treated to produce a T6 temper. Each shaft shall have a minimum of 6" straight length at the top. Top straight section serves as a slipther for a luminaire or for the hub of the appropriate Valmont bracket or tapered arm. Alternatively, the straight section may be drilled for mounting luminaires. The shaft shall be cone tapered to the base diameter. All Valmont shafts shall be polished with fine grain aluminum oxide cloths, resulting in a high quality circumferential satin brushed finish. After finishing, each pole shall be wrapped for protection in shipment.

Direct Embedment: Unless otherwise specified, the length of the embedded section of a 4" diameter shaft shall be 3', 5' and 6" shall be 4', 7' and 8" shall be 5'. A 1-1/2" diameter grommetted wire inlet hole located 1' 6" below grade shall be included. The embedded section of the pole shall be coated inside and outside with zinc rich paint.

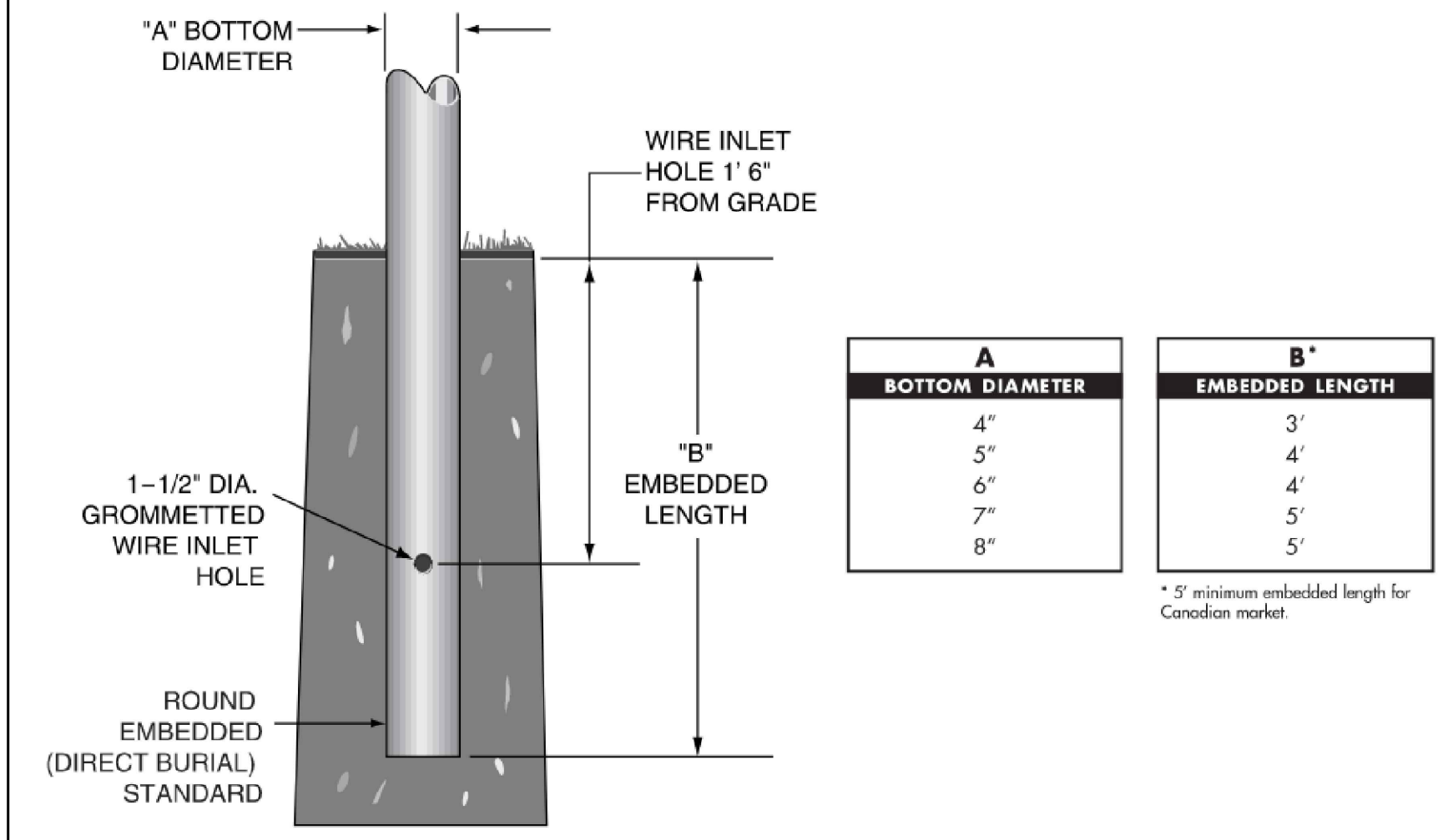
Special Finishes: Natural anodize, duranodize, or painted finishes may be specified on an addition to the satin brushed finish, if required. All aluminum parts and accessories shall receive a finish similar to that specified.

Ground Lug: Each pole shall include a 5/16"-18 tapped provision for ground connector.

Handhole: Available as an option.

Anti-Rotation Device: Available as an option.

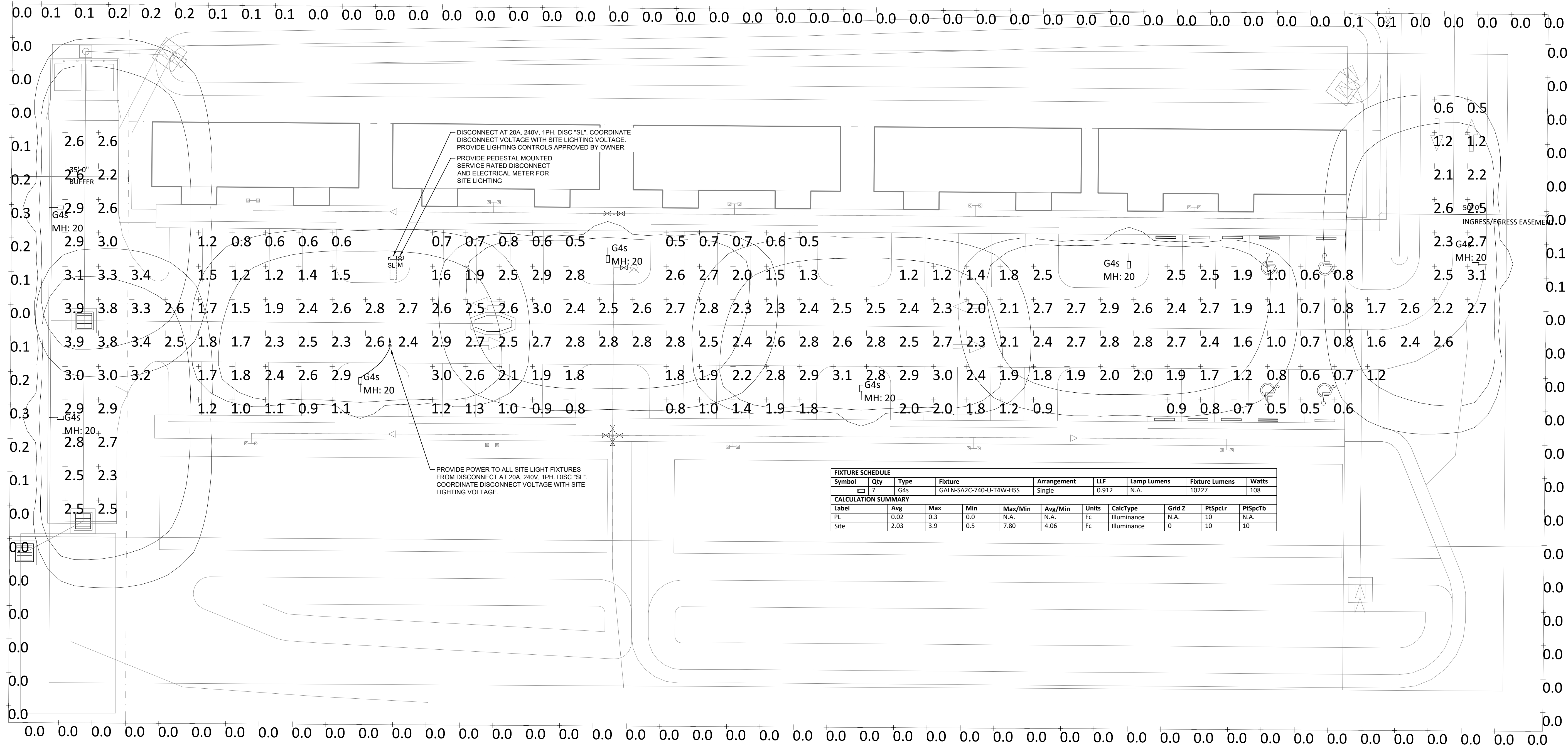
ANCHOR BASE AND BOLT DETAIL



NOTES:

- THE EQUIPMENT/POLE MANUFACTURER SHALL PROVIDE SIGNED & SEALED ENGINEERED CALCULATIONS AND DRAWINGS SHOWING COMPLIANCE WITH WIND RESISTANCE AND PRESSURES DETERMINED IN ACCORDANCE WITH FBC, THE RISK CATEGORY AND WIND LOADS FOR PROJECT LOCATION.
- DETAIL REPRESENTS A TYPICAL METHOD OF INSTALLATION AND SPECIFIC TO EQUIPMENT SPECIFIED TO INDICATE SCOPE OF WORK. COORDINATE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS FOR LIGHT FIXTURE AND POLE PURCHASED.

1 DIRECT BURIED POLE DETAIL - VALMONT
NOT TO SCALE

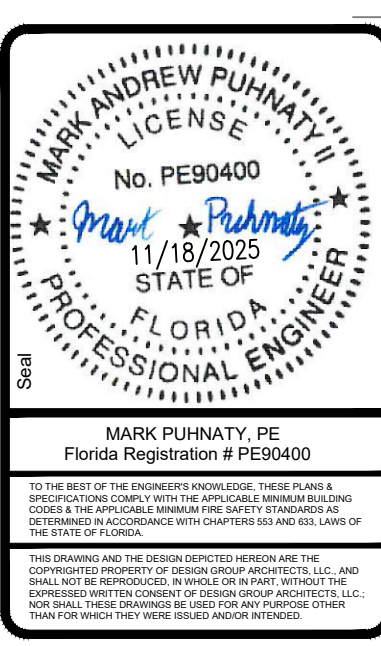


Symbol	Qty	Type	Fixture	Arrangement	LLF	Lamp Lumens	Fixture Lumens	Watts
□	7	G4s	GALN-SA2C-740-U-T4W-HSS	Single	0.912	N.A.	10227	108

Label	Avg	Max	Min	Max/Min	Avg/Min	Units	CalcType	Grid Z	PISpctL	PISpctB
PL	0.02	0.3	0.0	N.A.	N.A.	Fc	Illuminance	N.A.	10	N.A.
Site	2.03	3.9	0.5	7.80	4.06	Fc	Illuminance	0	10	10

ELECTRICAL LIGHTING - SITE PLAN

SCALE: N.T.S. - SEE CIVIL PLANS



Design Group Architects, LLC
1181 S Sunler Blvd #127
North Port, Florida 34287
941-446-3104
ABR: AA2603180

Rev.	Description
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A NEW PROJECT FOR:
FAMILY PROMISE
PARCEL 1
SUBSTATION ROAD, VENICE, FL 34285

ELECTRICAL LIGHTING - SITE PLAN

Drawn: E&A
Checked: MP
Scale: AS NOTED
Date: 11/18/2025
Sheet No: **E1.0**