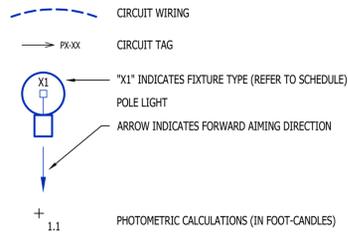


SITE LIGHTING PLAN SYMBOL LEGEND



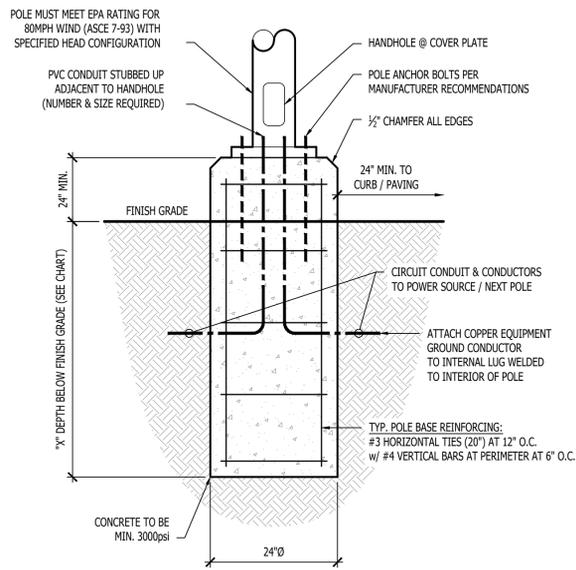
SITE LIGHTING PLAN GENERAL NOTES:

- SITE PHOTOMETRIC VALUES SHOWN HAVE BEEN CALCULATED PER SPECIFIED LIGHT FIXTURES AT INDICATED MOUNTING HEIGHTS. ANY CHANGES OR ALTERATIONS TO LIGHTING LAYOUT SHOWN WILL REQUIRE RECALCULATING SITE PHOTOMETRICS AND WILL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR / EQUIPMENT SUPPLIER.
- PHOTOMETRIC CALCULATIONS SHOWN DO NOT INCLUDE EXISTING LIGHT FIXTURE(S), ONLY NEW POLE LIGHT FIXTURE(S) SHOWN.
- ALL BUILDING-MOUNTED LIGHTING WILL BE INTENDED AS ACCENT-LIGHTING AND NOT INTENDED TO PROVIDE GENERAL AREA LIGHTING. ALL BUILDING-MOUNTED LIGHTING SHALL COMPLY WITH CITY LEE'S SUMMIT U.D.O. SECTIONS 8.220, 8.260, & 8.270.

SITE LIGHTING KEY NOTES:

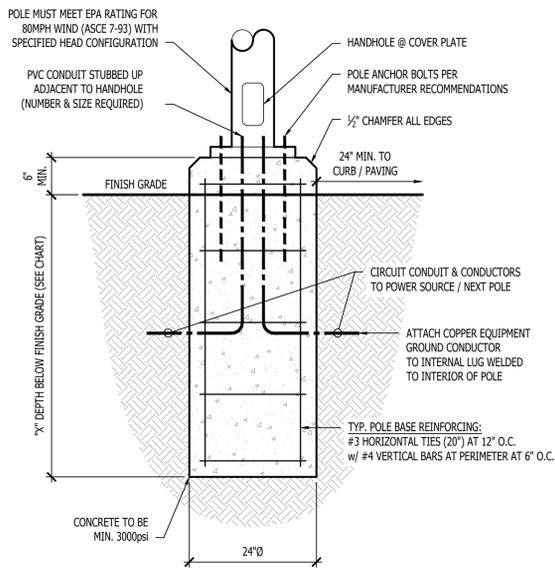
- STUB UP 1" CONDUIT FOR FUTURE EXTENSION OF EXISTING LIGHTING CIRCUIT.

POLE HEIGHT	"X" DEPTH
10ft - 14ft	4'-6"
15ft - 20ft	6'-0"
21ft - 25ft	7'-0"
26ft - 30ft	8'-0"

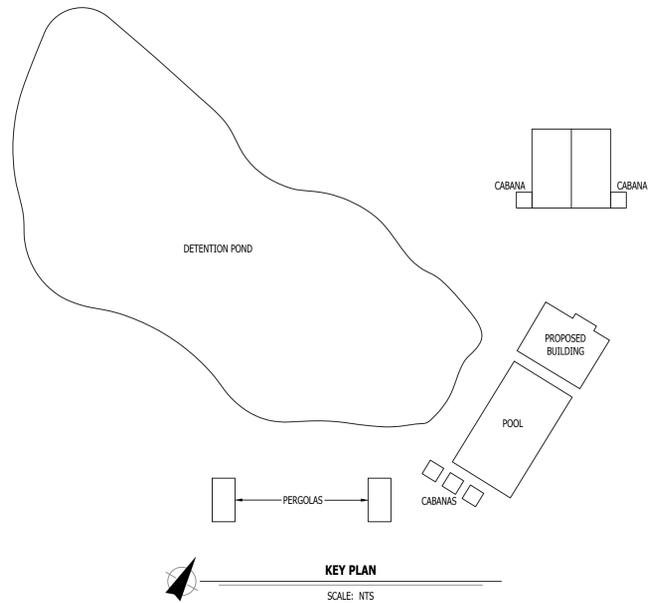


TYPICAL LIGHT POLE DETAIL - 1

POLE HEIGHT	"X" DEPTH
10ft - 14ft	4'-6"
15ft - 20ft	6'-0"
21ft - 25ft	7'-0"
26ft - 30ft	8'-0"



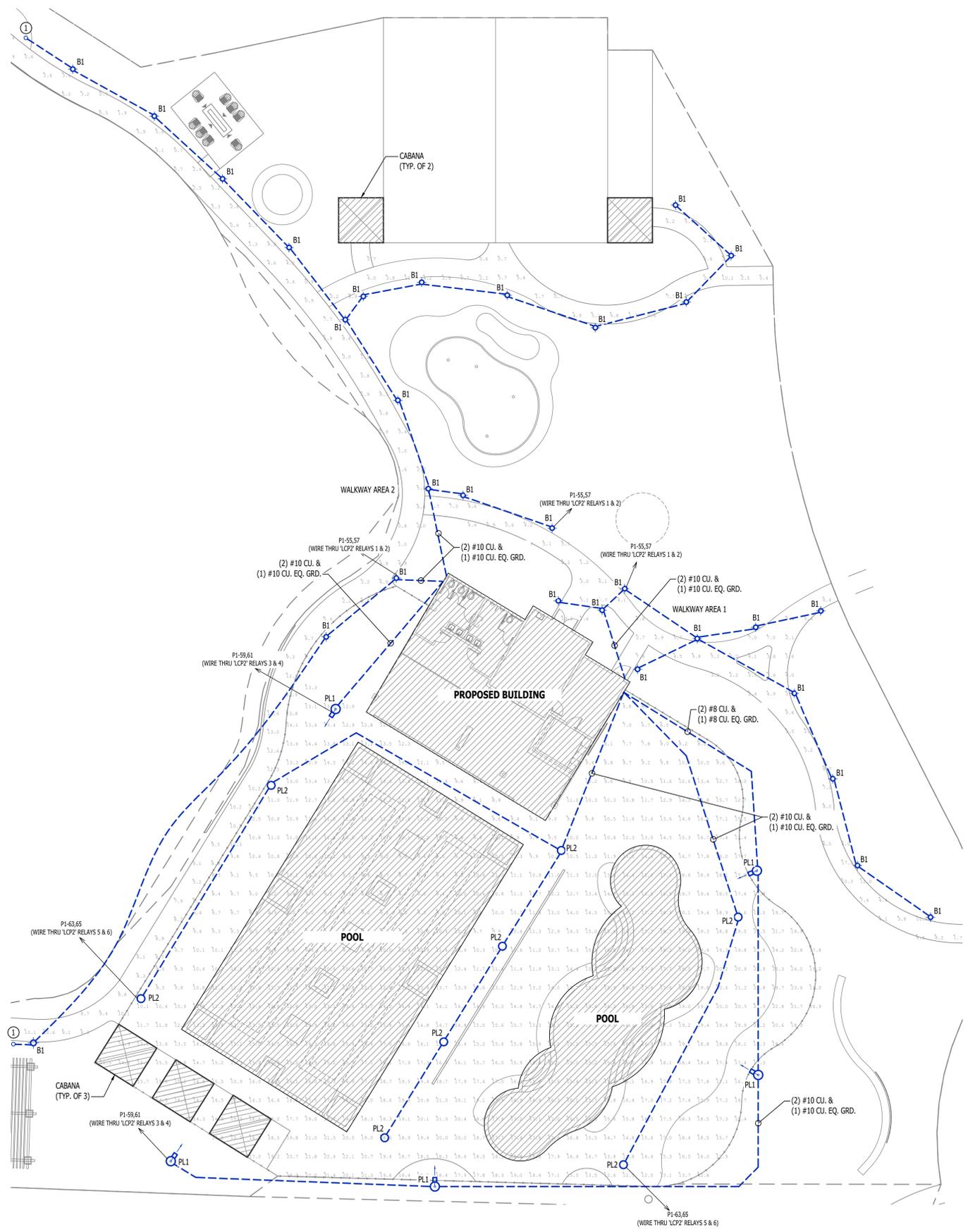
TYPICAL LIGHT POLE DETAIL - 2



SITE LIGHTING CALCULATION SUMMARY

AREA / LABEL	CALC TYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
POOL DECK AREA	ILLUMINANCE	FC	14.34	25.3	6.5	2.21	5.93
WALKWAY 1 AREA	ILLUMINANCE	FC	3.83	13.8	0.2	17.65	69.0
WALKWAY 2 AREA	ILLUMINANCE	FC	3.83	10.6	0.4	9.58	26.5

NOTES:
 1. PHOTOMETRIC CALCULATIONS DO NOT INCLUDE EXISTING LIGHTING

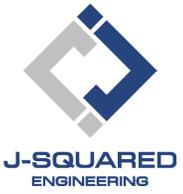


SITE LIGHTING PLAN

SCALE: 3/4" = 1'-0"

PRELIMINARY

James Watson, P.E. "Month DD, 20YY"
 PE-2015017071
 MO Certificate of Authority # 2018029680



2400 Bluff Creek Drive, Suite 101
 Columbia, Missouri 65201
 573.234.4492
 www.j-squareeng.com

J2 PROJECT No:	J21735
J2 DESIGN:	ACW
ISSUE TITLE	DATE
PRELIMINARY	03 - 11 - 2026

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:
Discovery Beach Club
 2031 NE Trails Edge Blvd.
 Lee's Summit, Jackson County, MO 64064

AHJ APPROVAL STAMP

SHEET TITLE

SITE LIGHTING PLAN

SHEET NUMBER

EL102