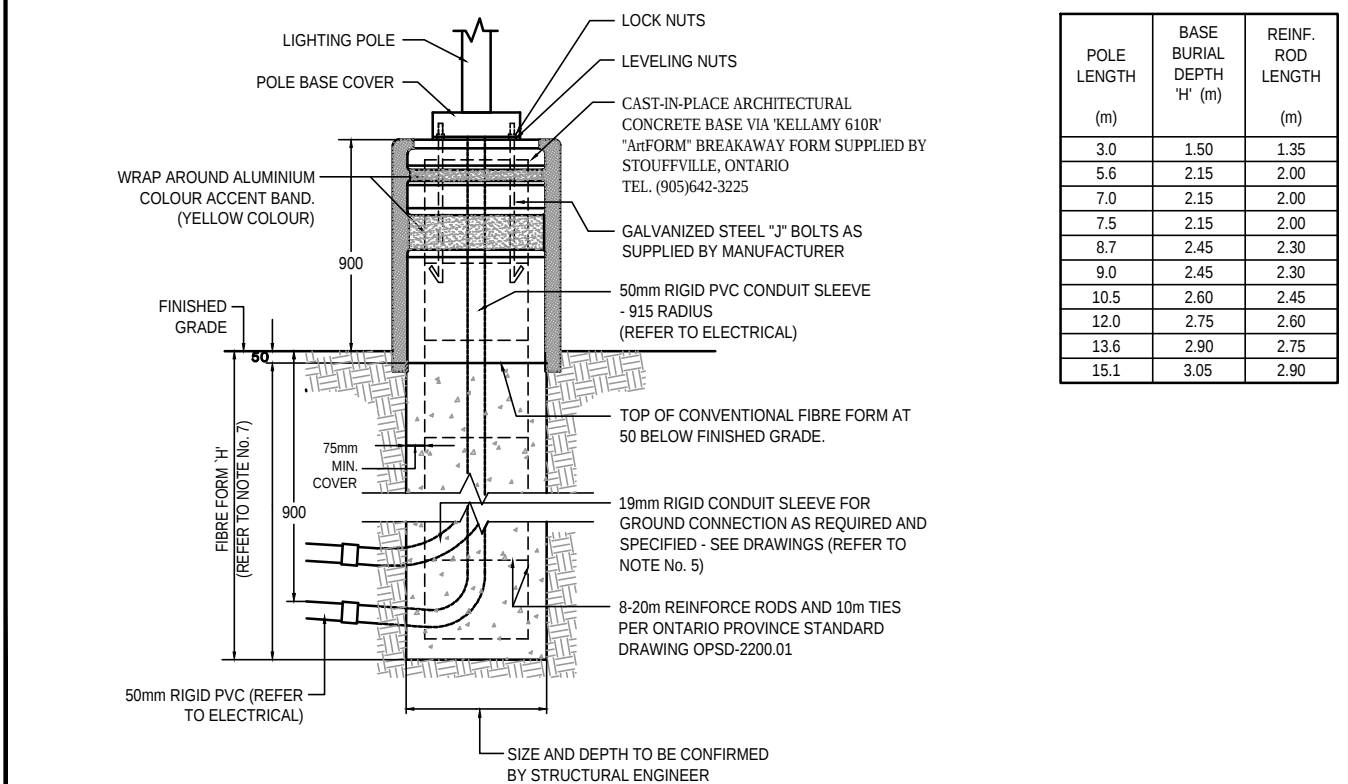


- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES OR METRES.
 2. TOP OF FOUNDATION SHALL BE TROWELED SMOOTH & LEVEL.
 3. CLASS OF CONCRETE SHALL BE 25MPa. CONCRETE SHALL BE VIBRATED.
 4. MINIMUM OF TWO SLEEVES REQUIRED FOR EACH CONCRETE FOUNDATION UNLESS OTHERWISE SHOWN.
 5. PROVIDE A 10mm DIA. 3000mm STEEL COPPER COATED GROUND ROD ADJACENT TO POLES AS SPECIFIED ON PLAN AND CONNECT TO METAL POLE WITH BARE COPPER CONDUCTOR.
 6. CONTRACTOR TO VERIFY OPENING SIZE IN POLE BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES. CONTRACTOR TO PROVIDE STRUCTURAL ENGINEER APPROVAL FOR BASE DESIGN.
 7. SUBJECT TO SOIL CONDITIONS, REFER TO SOIL REPORT.
 8. FORM RELEASE AGENT HAS BEEN FACTORY - APPLIED TO INSIDE SURFACE OF "NIFORM".

NOTE:
CONCRETE BASES FOR LUMINAIRES TO BE SUPPLIED AND INSTALLED BY THIS ELECTRICAL CONTRACTOR.



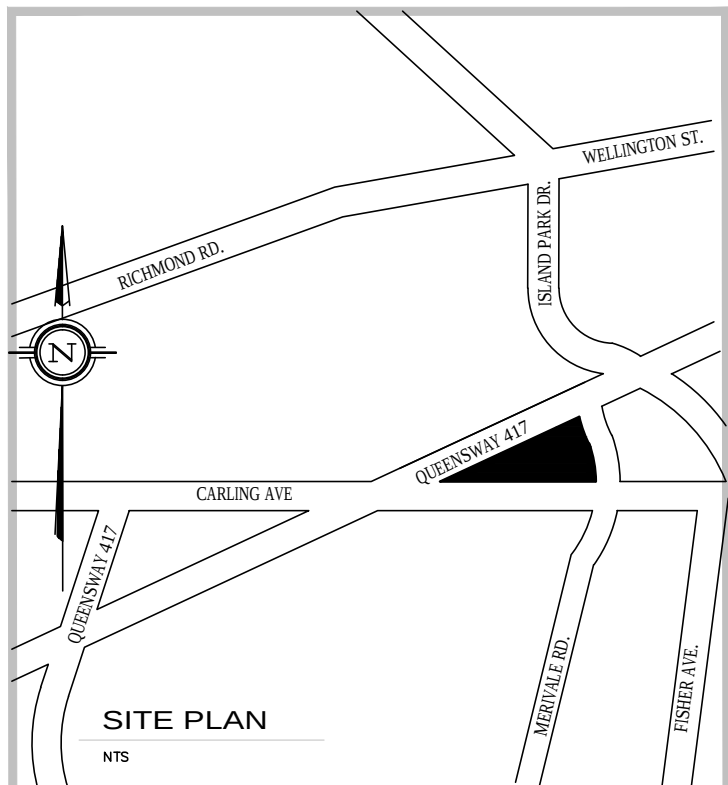
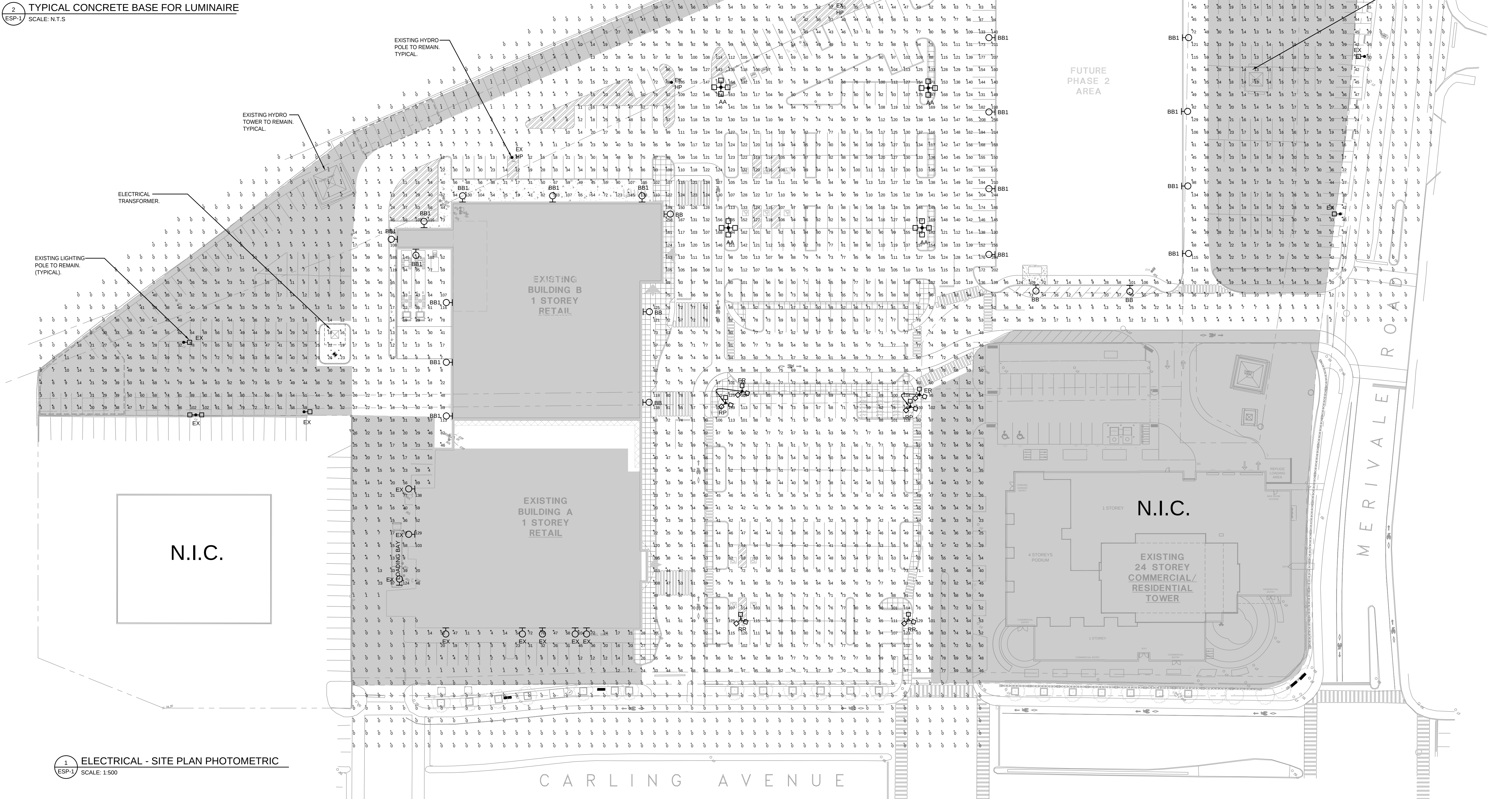
POLE LENGTH (M)	BASE BURIAL DEPTH 'H' (M)	REIN. ROD LENGTH (M)
3.0	1.50	1.35
5.5	2.15	2.00
7.0	2.15	2.00
7.5	2.15	2.00
8.7	2.45	2.30
9.0	2.45	2.30
10.5	2.60	2.45
12.0	2.75	2.60
13.8	2.90	2.75
15.1	3.05	2.90

2 TYPICAL CONCRETE BASE FOR LUMINAIRE
SCALE: 1:5

LUMINAIRE SCHEDULE						
Symbol	Qty	Label	Arrangement	LLF	Description	Lum. Watts Lum. Lums
	5	CC	SINGLE	0.900	HC6300D10-HM63040840-61MDC	28 3776
	3	EX4	SINGLE	0.800	GLEON-SA7C-740-U-T4FT-HSS	391 35528
	4	AA	4 @ 90°	0.900	GLEON-SA7C-740-U-5WQ	391 52697
	4	EX3	3 @ 120 DEGREES	0.900	GLEON-SA7C-740-U-5WQ	391 52697
	1	EX2	2 @ 180 DEGREES	0.900	GLEON-SA7C-740-U-5WQ	391 52697
	2	EX	SINGLE	0.900	GLEON-SA7C-740-U-5WQ	391 52697
	3	EX-W1	SINGLE	0.900	ASWPLED2S-50W-4000K	50.2 7433
	3	BB	SINGLE	0.900	ASWPLED2S-50W-4000K	50.2 7433
	5	EX-W	SINGLE	0.900	ASWPLED1S-24W-4000K	23.1 3076
	23	BB1	SINGLE	0.900	WDGES LED P1 70CRI REF 4000K	84 12500

CALCULATION SUMMARY						
Label	Cat/Type	Units	Avg	Max	Min	Avg/Min Max/Min
SITE PLAN	Illuminance	Lux	39.27	411	0	N.A. N.A.

ALL LIGHTING FIXTURES TO BE FULL CUT OFF.



REV	BY	DESCRIPTION	DATE
02	QV	ISSUED FOR SITE PLAN APPLICATION	21-MAR-2025
01	QV	ISSUED FOR COORDINATION	03-MAR-2025

REVISIONS	

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PROFESSIONAL ENGINEER
B.J. BELL
15-MAR-2025
PROVINCE OF ONTARIO

PROJECT
PROPOSED REDEVELOPMENT OF WESTGATE SC
1309 CARLING AVENUE OTTAWA, ONTARIO
DRAWING TITLE
SITE PLAN - PHOTOMETRIC
DRAWN BY
MT.
COMM. NO.
25-085-002
CHECKED
QV.
DRAWING NO.
SCALE
AS NOTED
DATE
JAN-2025

ESP-1