

**1 SITE LIGHTING PHOTOMETRIC PLAN**  
1:300

### DECLARATION OF COMPLIANCE

THE LIGHTING ZONE CLASSIFICATION APPLICABLE TO THIS SITE IS 'L22' AS DESCRIBED BY THE IES/DARK SKY ASSOCIATION MODEL LIGHTING ORDINANCE PART II.

THE LIGHT POLLUTION HAS BEEN LIMITED TO THE ALLOWABLE VALUES AS DESCRIBED IN THE MODEL LIGHTING ORDINANCE. LIGHT FIXTURES DO NOT DIRECT LIGHT ABOVE 90 DEGREES (HORIZONTAL).

THE MAXIMUM LIGHT LEVEL AT THE PROPERTY LINE IS 2 LUX.

THE SITE LIGHTING HAS BEEN DESIGNED TO CONFORM TO THE FOLLOWING STANDARDS AND/OR GUIDELINES:  
1. CITY OF OTTAWA SITE LIGHTING GUIDELINES  
2. IES RP-33-14 LIGHTING FOR PARKING FACILITIES (UNCOVERED).  
3. IES RP-33-14 LIGHTING FOR EXTERIOR ENVIRONMENTS

LIGHTING CONTROL WILL BE PROVIDED IN ACCORDANCE WITH THE ONTARIO BUILDING CODE SUPPLEMENTAL BULLETIN 10 (SB-10) AND ASHRAE 90.1.

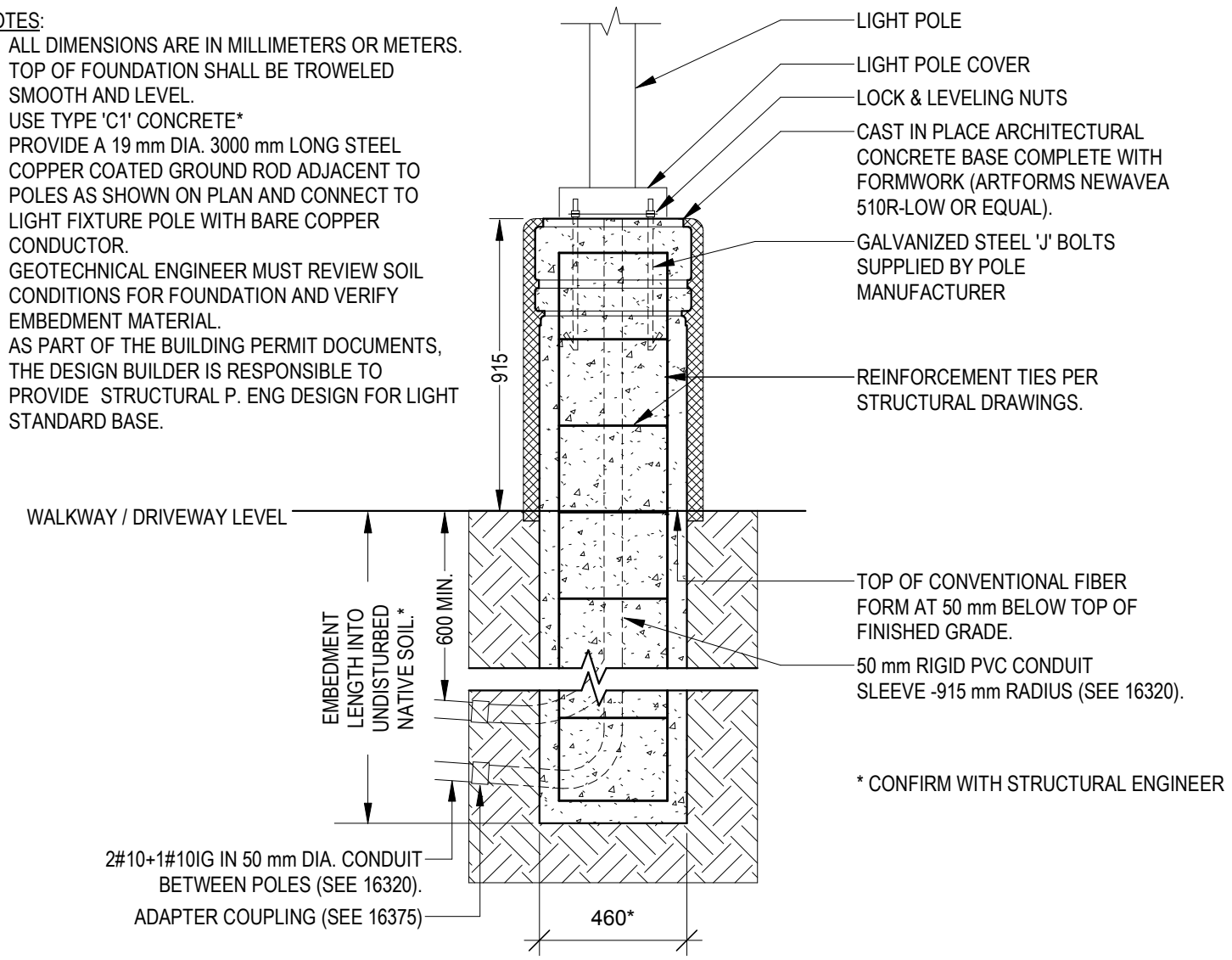
### GENERAL NOTES

- A. PHOTOMETRIC UNITS ARE IN LUX. 1 LUX = 0.929 FOOT CANDLES.
- B. REFER TO DRAWING E1-02 FOR STANDARD POLE BASE DETAIL.

Luminaire Schedule				
Label	Description	Lum. Watts	Lum. Lumens	BUC Rating
CW1	WAC WVS-W6607	17	849	B1-U1-G0
D1	HALO SLD405830WH	12	750	B0-U0-G0
P1	SIGNIFY MPTC-70W4LED3K-G2-LES	73	6214	B3-U0-G1
P2	SIGNIFY MPTC-36W2LED4K-G2-LE3-HS	37	3000	B0-U0-G1
P3	SIGNIFY MPTC-55W2LED3K-G2-LE4-HS	56	3635	B1-U0-G1
W1	LEOTEK EST-24H-MV-WW-FT-XXX-350	28	3146	B1-U0-G1

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
EXITS	Illuminance	Lux	N.A.	21	12	N.A.
PROPERTY LINE	Illuminance	Lux	1	3	0	N.A.

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS OR METERS.
  - TOP OF FOUNDATION SHALL BE TROWELED SMOOTH AND LEVEL.
  - USE TYPE 'C1' CONCRETE\*
  - PROVIDE A 19 mm DIA. 3000 mm LONG STEEL COPPER COATED GROUND ROD ADJACENT TO POLES AS SHOWN ON PLAN AND CONNECT TO LIGHT FIXTURE POLE WITH BARE COPPER CONDUCTOR.
  - GEOTECHNICAL ENGINEER MUST REVIEW SOIL CONDITIONS FOR FOUNDATION AND VERIFY EMBEDMENT MATERIAL.
  - AS PART OF THE BUILDING PERMIT DOCUMENTS, THE DESIGN BUILDER IS RESPONSIBLE TO PROVIDE STRUCTURAL P. ENG DESIGN FOR LIGHT STANDARD BASE.



**2 POLE BASE DETAIL**  
1:20



#### Prints issued to

Particulars	No.	Date	By
SITE PLAN APPROVAL 1	1	03 JUL 20	DB

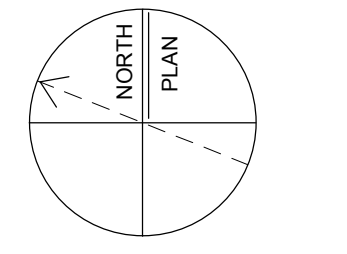
#### Revisions to drawing

All previous issues of this drawing are superseded.

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Project title

**REVERA OTTAWA**  
850 CHAMPLAIN ROAD

Project number	Date issued	Scale
GR8-00020059-00	AS NOTED	AS NOTED

Drawn by	Date	Author
	06/05/20	

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