



By E-mail: jtarch@rogers.com

June 22, 2023

Our File Ref.: 220528

Jane Thompson Architect
404 Mackay Street
Ottawa, ON.

Attention: Jane Thompson
Subject: City of Ottawa Subdivision & re-zoning Application
Location: 2009 & 2013 Prince of Wales Drive, Nepean, ON

Dear Jane,

The following is to confirm that the proposed site lighting design for the above-mentioned location complies with the City of Ottawa standards pertaining to full cut-off classification fixtures and minimal light spillage (maximum 0.5 fc) on adjacent properties.

In summary of our lighting design simulation, the lighting levels at the property line are as follows:

1. Average Lighting Level: 0.09 fc
2. Minimum Lighting Level: 0.00 fc
3. Maximum Lighting Level: 0.28 fc

The proposed lighting fixture models are identified within the light simulation document as attached.

The proposed light fixtures are mounted at:

- Type A: 3.6m (12ft) above ground level
- Type B: 3.6m (12ft) above ground level

Yours truly,
LRL Associates Ltd.

Karl Brown

Karl Brown, Electrical Designer



Martin Tessier, P. Eng



Schedule									
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage
	A	2	COOPER LIGHTING SOLUTIONS - INVUE (FORMERLY EATON)	MSA-SA1A-730-U-T4FT-HSS	MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	16	172	0.9	34
	B	4	COOPER LIGHTING SOLUTIONS - INVUE (FORMERLY EATON)	MSA-SA1A-830-U-T4W-HSS	MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV WIDE OPTICS WITH HOUSE SIDE SHIELD	16	151	0.9	34

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
LOT 1 (PROPERTY LINE)	+	0 lux	2 lux	0 lux	N/A	N/A
LOT 2 (PROPERTY LINE)	+	0 lux	1 lux	0 lux	N/A	N/A
LOT 3 (PROPERTY LINE)	+	0 lux	0 lux	0 lux	N/A	N/A
LOT 4 (PROPERTY LINE)	+	0 lux	2 lux	0 lux	N/A	N/A
LOT 5 (PROPERTY LINE)	+	0 lux	0 lux	0 lux	N/A	N/A
LOT 6 (PROPERTY LINE)	+	0 lux	0 lux	0 lux	N/A	N/A
LOT 7 (PROPERTY LINE)	+	0 lux	0 lux	0 lux	N/A	N/A
PROPERTY LINE	+	1 lux	3 lux	0 lux	N/A	N/A

