



FIXTURE TYPE 'RR'

LUMINAIRE SCHEDULE

TYPE	ACCEPTABLE MANUFACTURES	MODELS	CATALOGUE NUMBERS	DESCRIPTION WATTS/LUMENS VOLTAGE/KELVIN	LOCATION MOUNTING HEIGHT	NOTES
RR	CREE LIGHTING	GATEWAY	GWY.S.A.8L.40K7.2M.UNV.GY	POLE LIGHT 50W LED/8000LM 120-277V/4000K	UTILITY POLE SEE NOTES SEE NOTES	FIXTURE TO BE MOUNTED ON EXISTING UTILITY POLE. PROVIDE 6" TAPERED ELLIPTICAL MOUNTING ARM.

ILLUMINATION TARGETS PER ANSI/IES RP-8-21

MEASUREMENT BASED ON ANSI/IES RP-8-21	ROAD CLASSIFICATION	PEDESTRIAN ACTIVITY LEVEL CLASSIFICATION	PAVEMENT CLASSIFICATION	HORIZONTAL ILLUMINATION	UNIFORMITY RATIO (AVG:MIN)	UNIFORMITY RATIO (MAX:MIN)
ROADWAY - EMMA STREET	LOCAL (ASSUMED)	LOW PEDESTRIAN ACTIVITY (ASSSUMED)	R2 & R3 PAVEMENT	0.3 CD/m ²	6.0:1	10.0:1

ROADWAY ILLUMINATION STATISTICS

DESCRIPTION	AVERAGE (CD/M ²)	MAXIMUM (CD/M ²)	MINIMUM (CD/M ²)	AVG:MIN	MAX:MIN
EMMA STREET (CALC ZONE)	0.6	1.2	0.3	2.0:1	4.0:1

ELECTRICAL LEGEND

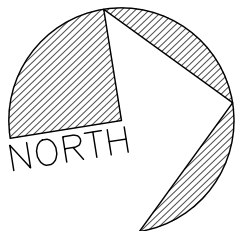
DEVICE	NOTES	DESCRIPTION
☐		POLE LIGHT FIXTURE (z = TYPE AS PER SCHEDULE)
EX		EXISTING TO REMAIN
REL		RELOCATED EXISTING DEVICE

NOTES:

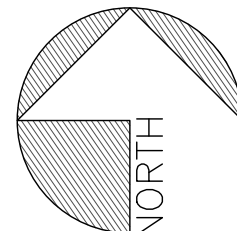
- EXISTING STREET LIGHTING FIXTURE HAS BEEN DISCONTINUED. ALL LIGHTING IS SIMULATED WITH NEW FIXTURE.
- THIS DRAWING IS FOR FIXTURE LOCATIONS AND PHOTOMETRIC LAYOUT OF SITE LIGHTING ONLY. CONTACT LOCAL UTILITY/ELECTRICAL CONSULTANT FOR CONDUIT ROUTING, CIRCUIT ARRANGEMENT, AND WIRE SIZING.
- VOLTAGES OF FIXTURES ARE TO BE VERIFIED PRIOR TO ORDERING FIXTURES.
- A LIGHT LOSS FACTOR OF 0.9 WAS USED IN THE CALCULATION.
- NEW FIXTURE AND MAST ARM TO BE MOUNTED ON EXISTING UTILITY POLE. COORDINATE WITH LOCAL UTILITY FOR INSTALLATION AND FINAL CONNECTION TO OVERHEAD STREET LIGHTING CIRCUIT.



ROADWAY LIGHTING PLAN
1:200



TRUE NORTH



CONSTRUCTION NORTH



5		
4		
3		
2		
1	ISSUED FOR SPA	2025.07.08
No	REVISION	DATE

MIGHTON
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PROJECT TITLE:

GRAND VALLEY
APARTMENTS

50 EMMA ST
GRAND VALLEY, ONTARIO

DRAWING TITLE:

ROADWAY LIGHTING PLAN

DRAWN BY:	M.D.	CUSTOMER PROJECT No.	-
CHECKED BY:	T.A.	MIGHTON PROJECT No.	44364
DATE:	JUNE 2024	DRAWING No.	RL1
SCALE:	1:200		