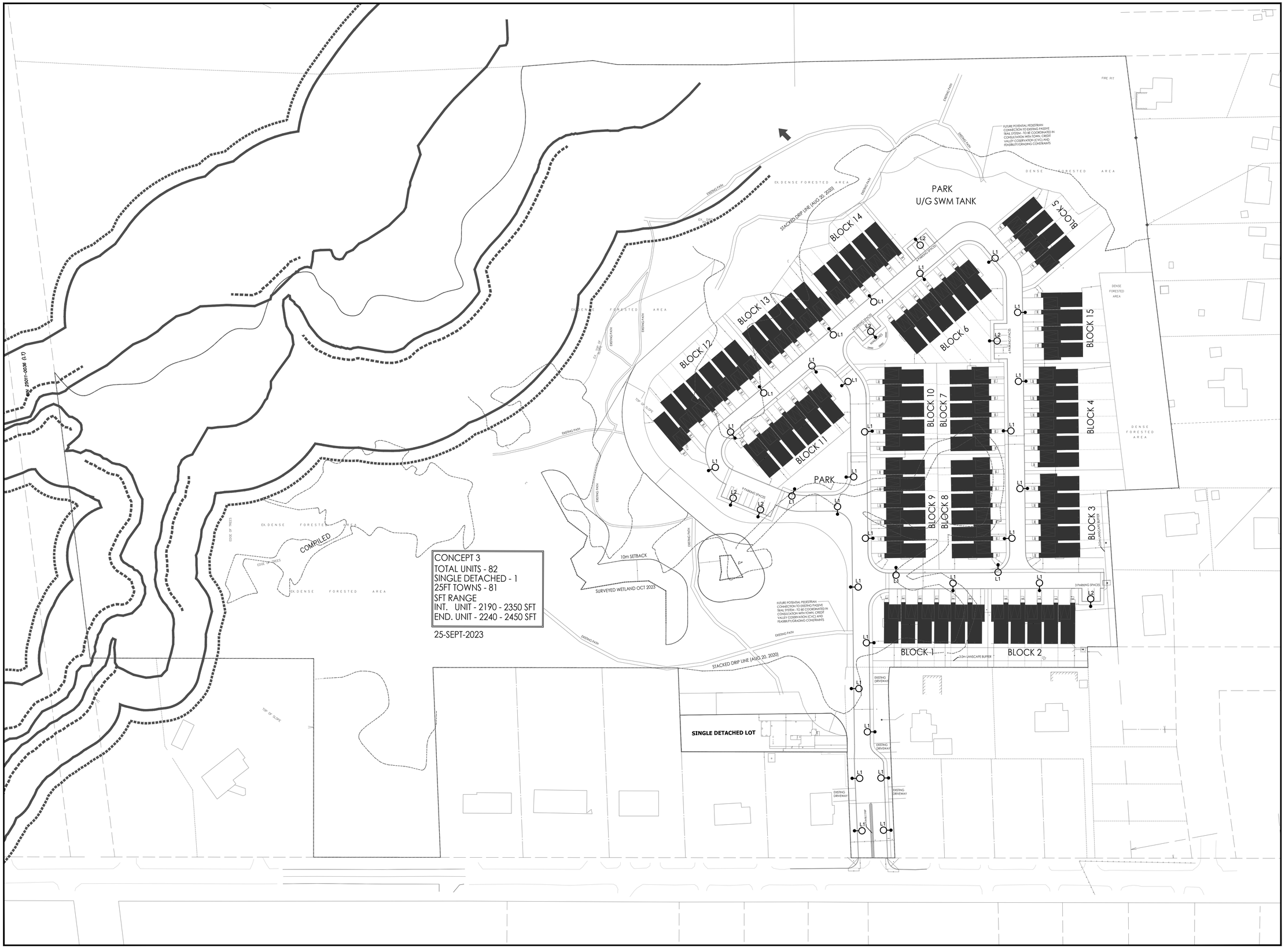

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PROJECT/LOCATION
BAYFIELD
GEORGETOWN

DRAWING
LIGHTING SITE PLAN

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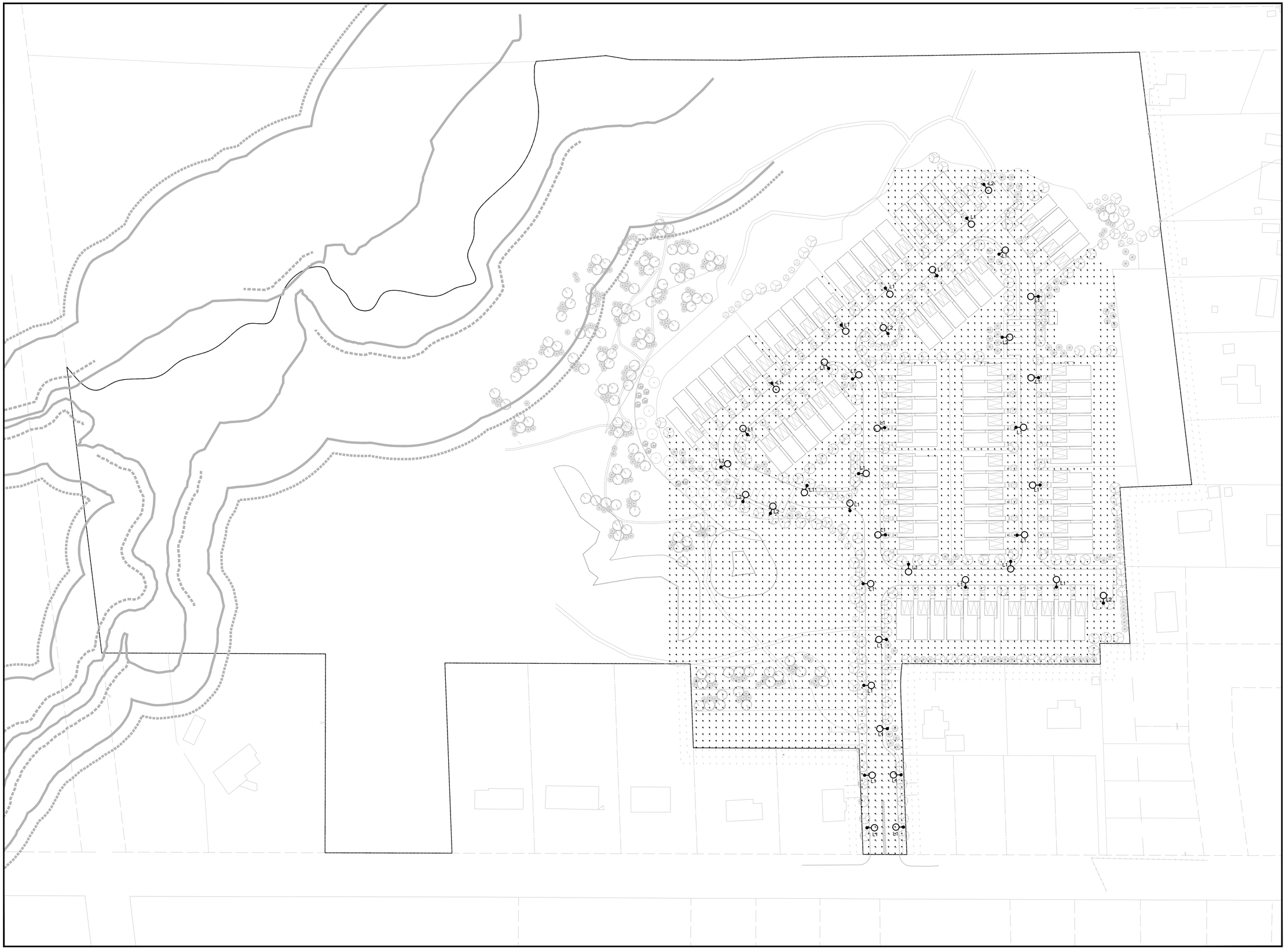

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DRAWING
LIGHTING SITE PLAN ANALYSIS

DATE 20-JUN-2024	SCALE 1:750
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PROJECT NUMBER 24-014	DRAWING NUMBER E101

NOTES:

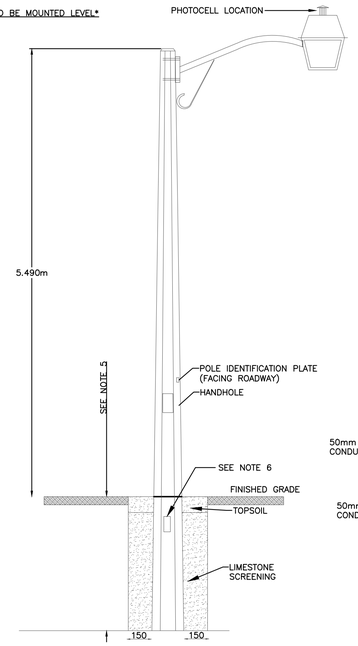
1. ALL LUMINAIRES ARE DARK SKY COMPLIANT.

LUMINAIRE SCHEDULE							
SYMBOL	LABEL	ARRANGEMENT	TOTAL LAMP LUMEN	LLF	MOUNTING HEIGHT	LUMEN WATTS	MANUFACTURER
	L1	SINGLE	3430	0.900	18'	30.1	COOPER LIGHTING: CAT# SDL-PA1-30-730-U-T2R C/W 6FT ARM
	L2	SINGLE	3449	0.900	18'	30.1	COOPER LIGHTING: CAT# SDL-PA1-30-730-U-T3 C/W 6FT ARM

STATISTICS						
DESCRIPTION	UNITS	AVG	MAX	MIN	MAX/MIN	AVG/MIN
LIGHT TRESPASS	LUX	0.21	4	0	N/A	N/A
SITE	LUX	3.39	29	0	N/A	N/A
PARKING – 3 SPACES	LUX	8.25	11	6	1.83	1.38
PARKING – 4 SPACES A	LUX	11.00	15	7	2.14	1.57
PARKING – 4 SPACES B	LUX	8.63	12	7	1.71	1.23
PARKING – 6 SPACES	LUX	8.70	11	7	1.57	1.24
PARKING – 9 SPACES	LUX	12.87	16	8	2.00	1.61
ROAD	LUX	12.20	29	3	9.67	4.07

1 / E102 LUMINAIRE SCHEDULE
SCALE: N.T.S.

FIXTURE TO BE MOUNTED LEVEL



NOTES:

1. BACKFILL POLE EXCAVATION WITH LIMESTONE SCREENING WELL TAMPERED TO WITHIN 150mm OF THE CENTER OF THE SUBGRADE HANDHOLE.
2. POSITION FLEX CONDUIT INTO SUBGRADE HANDHOLE.
3. BACKFILL REMAINING POLE EXCAVATION WITH SOIL, FREE FROM STONE AND ANY OTHER DEBRIS AND LEVELED TO MATCH EXISTING GRADE.
4. REINSTATE AREA TO MATCH EXISTING CONDITIONS.
5. INSTALLATION DEPTH IS 10% OF POLE HEIGHT PLUS 610mm.
6. 50mm FLEXIBLE PVC CONDUIT TO PROTECT CABLE AT POLE APERTURE. SEE FIGURE 'A'.
7. POLE ARM TO BE ALUMINOUS LIGHTING SYSTEM ALP-NSB8-BLK 6FT NOSTALGIA ARM WITH SCROLL. MATERIAL TO BE ALUMINIUM 6063T4 AND ALL WELDING AS PER CSA 47.2 AND ARM TO BE TEMPERED TO 'T6' AFTER ALL OPERATION.
8. POLE TO BE MADISON OCTAGONAL TAPERED TYPE. 18'-0" (5.49m) ABOVE GRADE. DIRECT BURIED. MA-350-A-2-XX-60-D-F-R

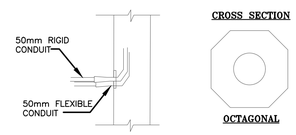


FIGURE 'A'

2 / E102 LUMINAIRE POLE DETAIL TYPE 'L1' & 'L2'
SCALE: N.T.S.

3 / E102 LUMINAIRE TYPE 'L1' & 'L2'
SCALE: N.T.S.

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