DATE:	**November 2026**
DESIGNER:	**Alex Naper**
PROJECT No:	**SES 07626 Rev C**
PROJECT NAME:	**Public Realm & Plaza - East/North of Waldemar Tce**

Sabre ELECTRICAL SERVICES LTD.

MF derived from: 0.92 x 0.91 x 0.99 (LMF (Low pollution environment & 72 month cleaning cycle) x LLMF x LSF) LLMF & LSF values @ 100,000 hours & 25 degrees C Ta.

Area designed in accordance with EN13201-2:2015 Category P1.

Rev A: Updated as per comments & requested LED luminaire used.
Rev B: Updated landscape layout.
Rev C: Name updated.

Outdoor Lighting Report

PREPARED BY:

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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 716898.6m x 728243.7m
Area 147.0m x 173.5m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data

Supplier	
Type	LUNOV00-N-D24-727-L045-ST-V1-F06-M2-CN1
Lamp(s)	16 - LED 5050 HP - 727
LampFlux(klm)/Colour	4.50 2700K/70
File Name	LUNOV0022S000288 - LUNOV00-N-D24-727-L045-ST-V1-F06-M2-CN1.ldt
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	503.9, 122.4, 0.0
No. in Project	9

Luminaire B Data

Supplier	
Type	LUNOV00-N-D22-727-L035-ST-V1-F06-M2-CN1
Lamp(s)	16 - LED 5050 HP - 727
LampFlux(klm)/Colour	3.50 2700K/70
File Name	LUNOV0022S000258 - LUNOV00-N-D22-727-L035-ST-V1-F06-M2-CN1.ldt
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	437.7, 29.6, 0.0
No. in Project	3



Luminaire C Data

Supplier	Philips
Type	BGP292 DW50
Lamp(s)	LED-HB 5.2S 740
Lamp Flux (klm)	10.00
File Name	LumiStreet Gen2 Mini_BGP292_DW50_10000_40LED_5.2S_CLO_L90_740.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	609.4, 39.0, 0.0
No. in Project	12



Luminaire D Data

Supplier	Urbis Schreder
Type	Abbey 5267 16 OSLON SQUARE GIANT 300mA NW 740 16.1W 454913 De
Lamp(s)	16 OSLON SQUARE GIANT@300mA NW740 BIN N8 230V 01-37-041
LampFlux(klm)/Colour	2.08 NW 4000K/70
File Name	Abbey 5267 16 OSLON SQUARE GIANT 300mA NW 740 16.1W 454913 Deep shape...
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	843.7, 191.1, 48.3
No. in Project	1

Luminaire E Data

Supplier	Thorn
Type	CIVITEQ S - 24 x Neutral White 4000K LED 350mA - NR Optic
Lamp(s)	LED_4000K
LampFlux(klm)/Colour	3.95 4000/70
File Name	CQS24L35NR740G35_DC.LDT
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	602.6, 98.0, 0.0
No. in Project	1

Luminaire F Data

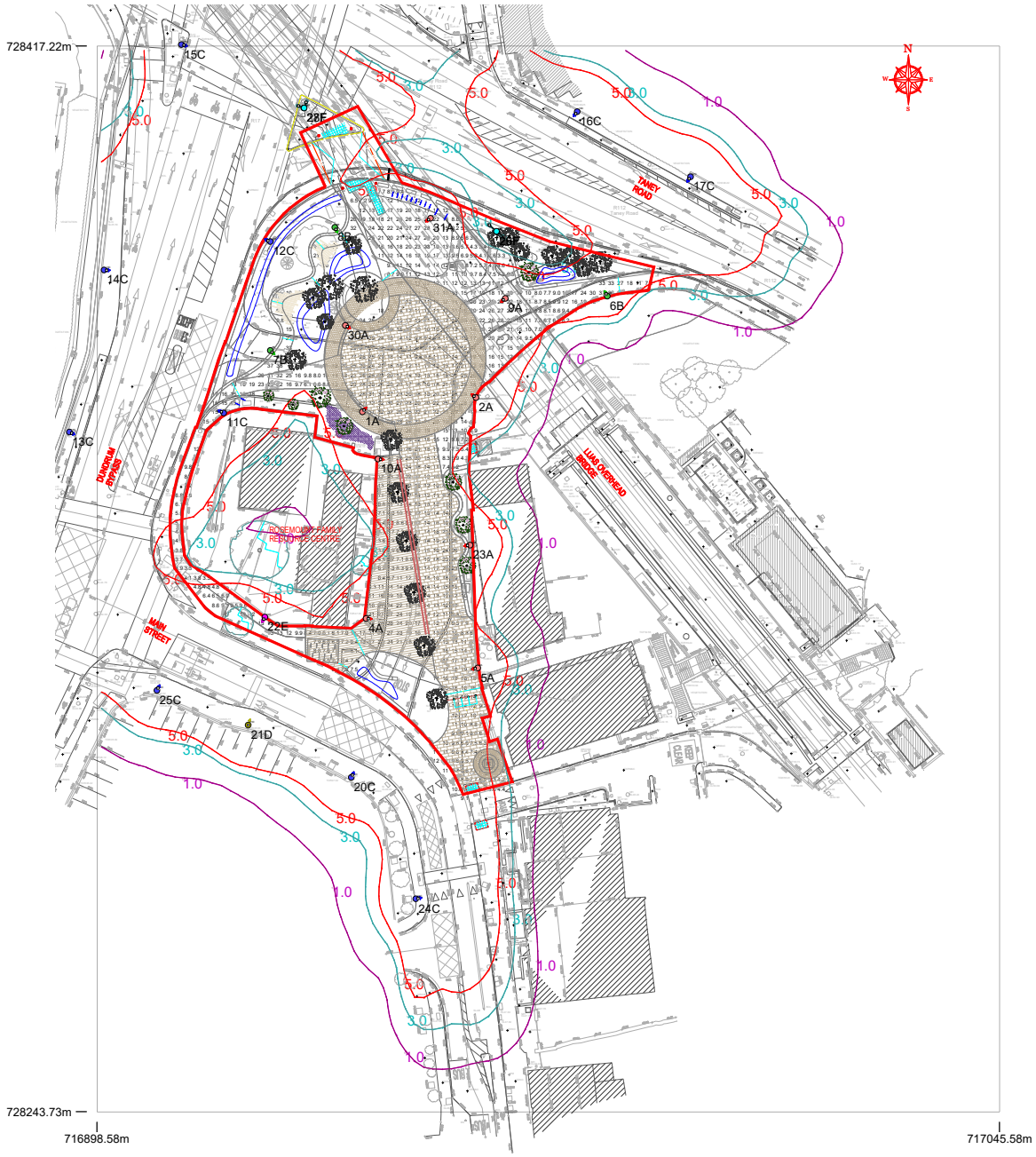
Supplier	
Type	AMPERA MIDI 5139 - 48 OSLON SQUARE GIANT 500mA NW 230V 00-36
Lamp(s)	48 OSLON SQUARE GIANT 500mA _NW
LampFlux(klm)/Colour	9.79 NW 4000K/70
File Name	AMPERA MIDI 5139 48 OSLON SQUARE GIANT 500mA NW 72W 403252 Flat glass...
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	536.1, 50.9, 0.0
No. in Project	4

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
1	A	716941.80	728357.67	5.00	46.00	0.00	0.00	0.40	100%			
2	A	716960.32	728360.00	5.00	145.00	0.00	0.00	0.40	100%			
4	A	716942.38	728324.04	5.00	355.00	0.00	0.00	0.40	100%			
5	A	716960.57	728316.00	6.00	194.00	0.00	0.00	0.40	100%			
6	B	716981.67	728376.50	5.00	117.00	0.00	0.00	0.40	100%			
7	B	716926.79	728367.66	5.00	319.00	0.00	0.00	0.40	100%			
8	B	716937.32	728387.71	5.00	298.00	0.00	0.00	0.40	100%			
9	A	716965.06	728376.14	5.00	221.00	0.00	0.00	0.40	100%			
10	A	716944.35	728349.99	5.00	355.00	0.00	0.00	0.40	100%			
11	C	716919.23	728357.50	8.00	156.00	0.00	0.00	0.40	100%			
12	C	716926.81	728385.38	8.00	156.00	0.00	0.00	0.40	100%			
13	C	716894.08	728354.38	8.00	335.00	0.00	0.00	0.40	100%			
14	C	716899.75	728380.75	8.00	357.00	0.00	0.00	0.40	100%			
15	C	716912.33	728417.47	8.00	345.00	0.00	0.00	0.40	100%			
16	C	716976.77	728406.54	8.00	234.00	0.00	0.00	0.40	100%			
17	C	716995.22	728395.93	8.00	239.00	0.00	0.00	0.40	100%			
18	C	716887.27	728331.73	8.00	338.00	0.00	0.00	0.40	100%			
19	C	716887.17	728331.81	8.00	159.00	0.00	0.00	0.40	100%			
20	C	716939.99	728298.17	8.00	63.00	0.00	0.00	0.40	100%			
21	D	716923.18	728306.69	5.00	71.00	0.00	0.00	0.00	100%			
22	E	716925.91	728324.28	8.00	241.00	0.00	0.00	0.40	100%			
23	A	716959.31	728335.99	5.00	189.00	0.00	0.00	0.40	100%			
24	C	716950.49	728278.42	8.00	8.00	0.00	0.00	0.40	100%			
25	C	716908.36	728312.34	8.00	63.00	0.00	0.00	0.40	100%			
26	F	716963.67	728386.99	8.00	323.00	0.00	0.00	1.50	0%			
27	F	716932.26	728407.14	6.00	67.00	0.00	0.00	1.00	100%			
28	F	716932.32	728407.12	6.00	160.00	0.00	0.00	1.00	100%			
29	F	716963.62	728387.07	8.00	139.00	0.00	0.00	1.50	0%			
30	A	716939.01	728371.74	5.00	329.00	0.00	0.00	0.40	100%			
31	A	716952.91	728389.19	5.00	216.00	0.00	0.00	0.40	100%			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	15.22
Emin	3.08
Emax	43.00
Emin/Emax	0.07
Emin/Eav	0.20

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