

DATE: 18 April 2024
DESIGNER:
PROJECT No: 2972
PROJECT NAME: Delopment at Stanley Street

**LIGHTING
REALITY**

Social Housing Bundle

Layout Report

General Data

Dimensions in Metres Angles in Degrees

Calculation Grids

ID	Grid Name	X	Y	X' Length	Y' Length	X' Spacing	Y' Spacing
1	Block 1,2 & 3	29.89	65.05	51.95	95.05	1.48	1.49
2	South Entrance/Main Develo...	82.08	67.45	18.97	80.88	1.46	1.50
3	Blocks 4,5,6 & 7	101.23	69.44	70.01	55.59	1.49	1.46
4	North Entrance/ Maine Deve...	94.07	124.62	69.04	31.68	1.47	1.44
5	Stanley Street	92.55	33.96	12.13	34.39	1.35	1.50
6	North Communal Space	71.72	147.67	18.97	18.53	1.46	1.43

Luminaires



Luminaire A Data

Supplier	Urbis Schreder
Type	AXIA 2.1 5167 Integrated lenses 16 OSLO N SQUARE GIANT@760mA
Lamp(s)	16 OSLO SQUARE GIANT@760mA NW 740 230V 00-36-648
LampFlux(klm)/Colour	5.20 NW 3000K/70
File Name	AXIA 2.1 5167 16 OSLO SQUARE GIANT 760mA NW 740 39W 434362 Integrated le...
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	1162.3, 202.9, 3.0
No. in Project	11



Luminaire B Data

Supplier	Urbis Schreder
Type	AXIA 2.1 5167 Integrated lenses 16 OSLO N SQUARE GIANT@500mA
Lamp(s)	16 OSLO SQUARE GIANT@500mA NW 740 230V 00-36-648
LampFlux(klm)/Colour	3.66 NW 3000K/70
File Name	AXIA 2.1 5167 16 OSLO SQUARE GIANT 500mA NW 740 26W 434362 Integrated le...
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	1162.3, 202.9, 3.0
No. in Project	2



Luminaire C Data

Supplier	Urbis Schreder
Type	FLEXIA MIDI 5305 Flat glass 10 LH351C @300mA NW 740 230V 44
Lamp(s)	10 LH351C@300mA NW 740 230V
LampFlux(klm)/Colour	1.44 NW 3000K/70
File Name	FLEXIA MIDI 5305 10 LH351C 300mA NW 740 10.5W 446682 Flat glass 230V TF.ltd
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	673.2, 109.3, 0.0
No. in Project	18

Layout

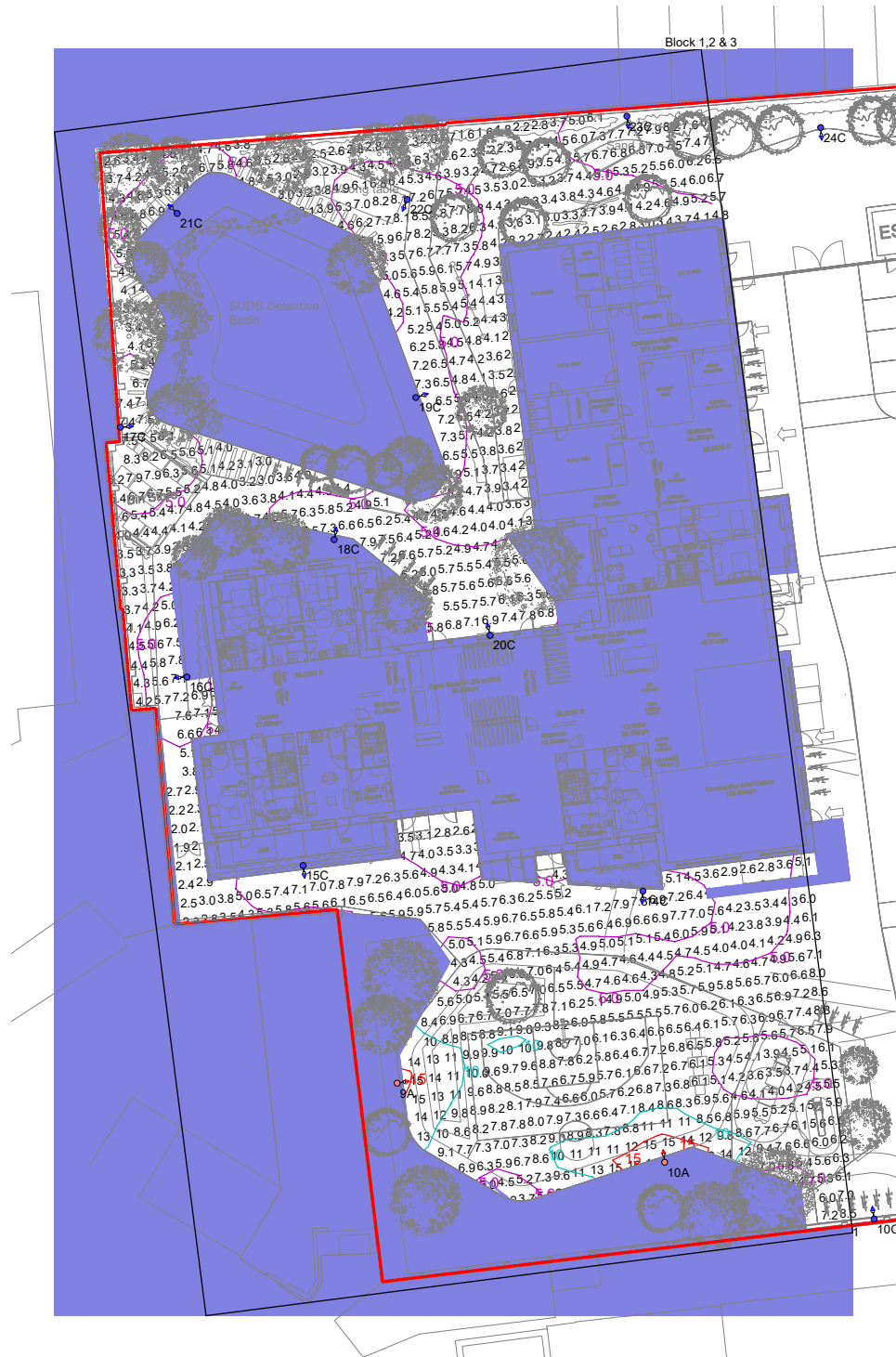
ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
1	A	146.92	135.79	6.00	99.00	3.00	0.00	0.60	100%			
2	B	130.37	133.73	6.00	97.00	3.00	0.00	0.60	100%			
3	B	115.54	131.81	6.00	98.00	3.00	0.00	0.60	100%			
4	A	94.68	129.28	6.00	98.00	3.00	0.00	0.60	100%			
5	A	90.34	114.69	6.00	186.00	3.00	0.00	0.60	100%			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
6	A	87.67	144.10	6.00	189.00	3.00	0.00	0.60	100%			
7	A	94.11	88.91	6.00	194.00	3.00	0.00	0.60	100%			
10	C	83.12	72.74	6.00	98.00	0.00	0.00	0.60	100%			
9	A	45.10	83.56	6.00	10.00	3.00	0.00	0.60	80%			
10	A	66.42	77.28	6.00	96.00	3.00	0.00	0.60	100%			
14	C	64.71	98.87	6.00	265.00	0.00	0.00	0.60	100%			
15	C	37.64	100.91	6.00	277.00	0.00	0.00	0.60	100%			
16	C	28.38	115.92	6.00	184.00	0.00	0.00	0.60	100%			
17	C	23.08	135.81	6.00	4.00	0.00	0.00	0.60	100%			
18	C	40.09	126.86	6.00	79.00	0.00	0.00	0.60	100%			
19	C	46.62	138.19	6.00	17.00	0.00	0.00	0.60	100%			
20	C	52.53	119.23	6.00	104.00	0.00	0.00	0.60	100%			
21	C	27.59	152.84	6.00	134.00	0.00	0.00	0.60	100%			
22	C	45.91	153.95	6.00	249.00	0.00	0.00	0.60	100%			
23	C	63.43	160.59	6.00	278.00	0.00	0.00	0.60	100%			
24	C	78.85	159.68	6.00	276.00	0.00	0.00	0.60	100%			
25	C	126.97	81.62	6.00	280.00	0.00	0.00	0.60	100%			
26	C	118.74	92.42	6.00	16.00	0.00	0.00	0.60	90%			
27	C	133.24	91.66	6.00	212.00	0.00	0.00	0.60	100%			
28	C	133.60	105.09	6.00	156.00	0.00	0.00	0.60	100%			
29	C	119.65	111.09	6.00	261.00	0.00	0.00	0.60	100%			
29	C	108.02	71.01	6.00	99.00	0.00	0.00	0.60	100%			
29	A	100.67	70.02	6.00	190.00	3.00	0.00	0.60	100%			
30	A	98.14	25.98	6.00	96.00	3.00	0.00	0.60	100%			
30	A	157.52	116.36	6.00	7.00	0.00	0.00	0.60	100%			
31	A	153.56	150.54	6.00	6.00	0.00	0.00	0.60	100%			

Horizontal Illuminance (lux)

Block 1,2 & 3

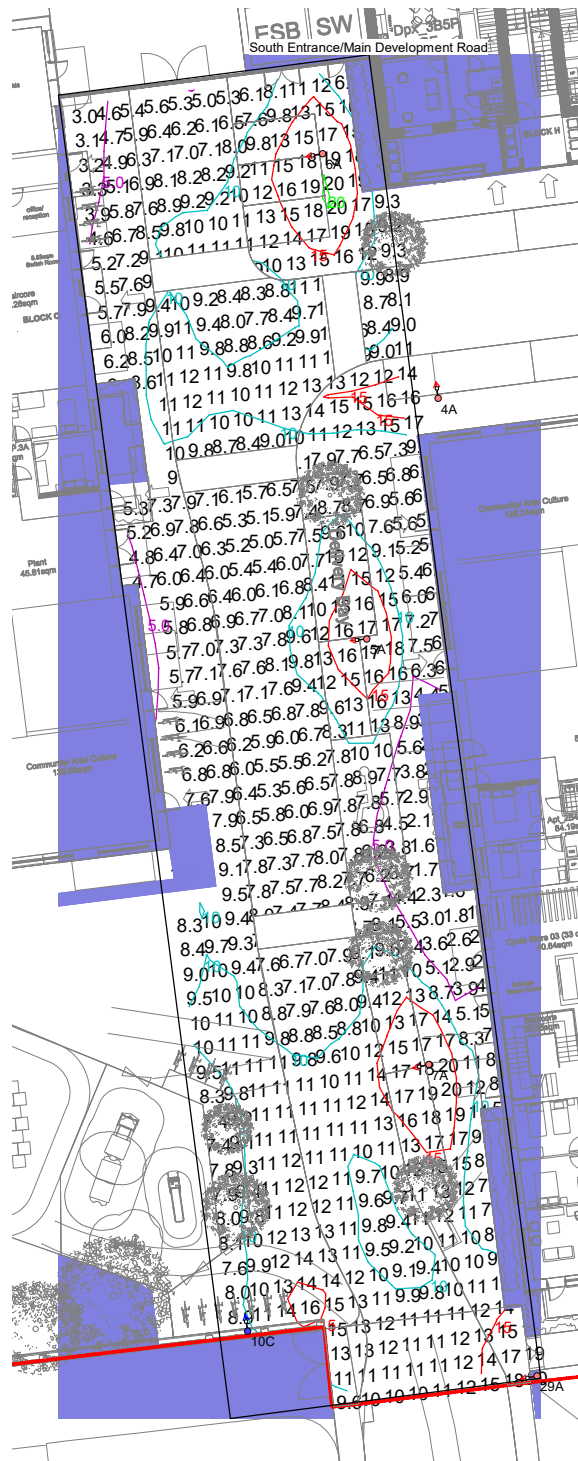


Results

Eav	5.75
Emin	1.55
Emax	16.82
Emin/Emax	0.09
Emin/Eav	0.27

Horizontal Illuminance (lux)

South Entrance/Main Development Road



Results

Eav	9.49
Emin	1.14
Emax	20.39
Emin/Emax	0.06
Emin/Eav	0.12

Horizontal Illuminance (lux)

Blocks 4,5,6 & 7



Results

Eav	6.22
Emin	1.49
Emax	19.63
Emin/Emax	0.08
Emin/Eav	0.24

Horizontal Illuminance (lux)

North Entrance/ Maine Development Road

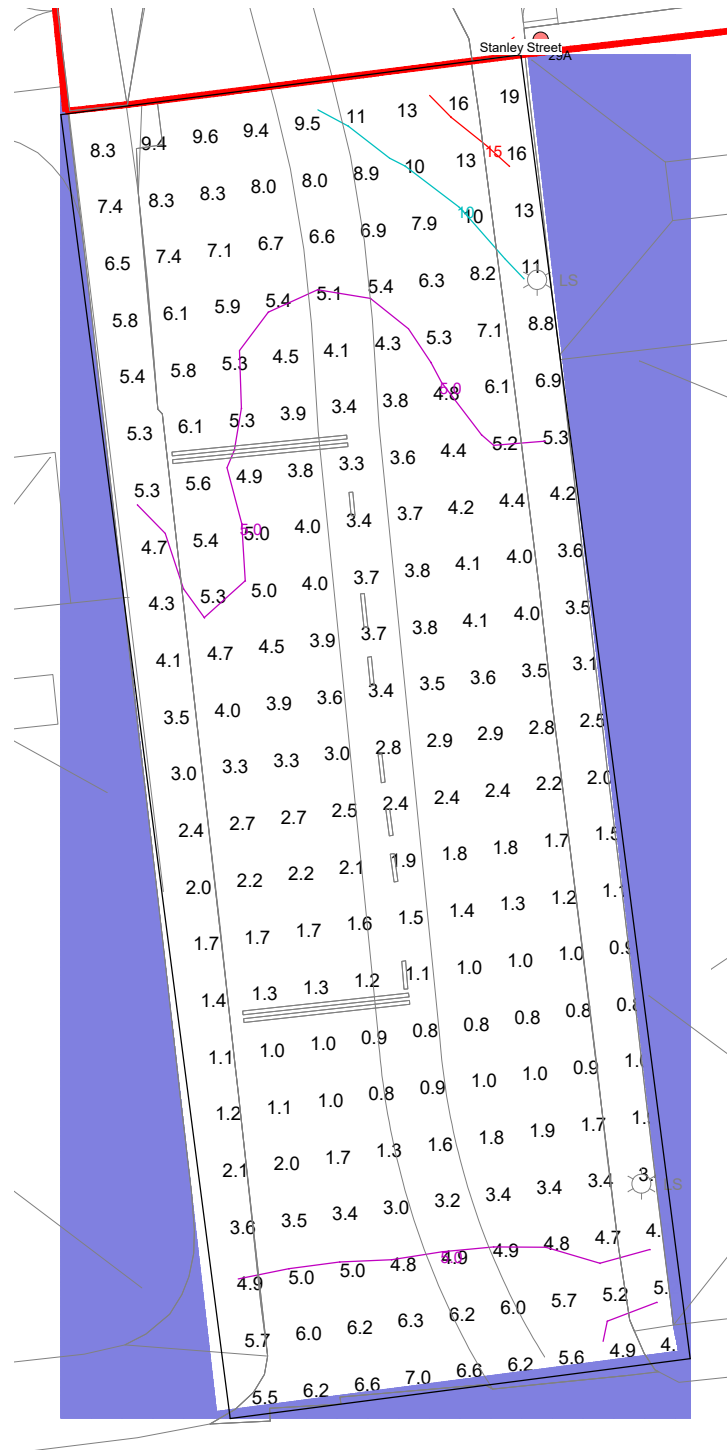


Results

Eav	9.69
Emin	0.74
Emax	21.24
Emin/Emax	0.03
Emin/Eav	0.08

Horizontal Illuminance (lux)

Stanley Street

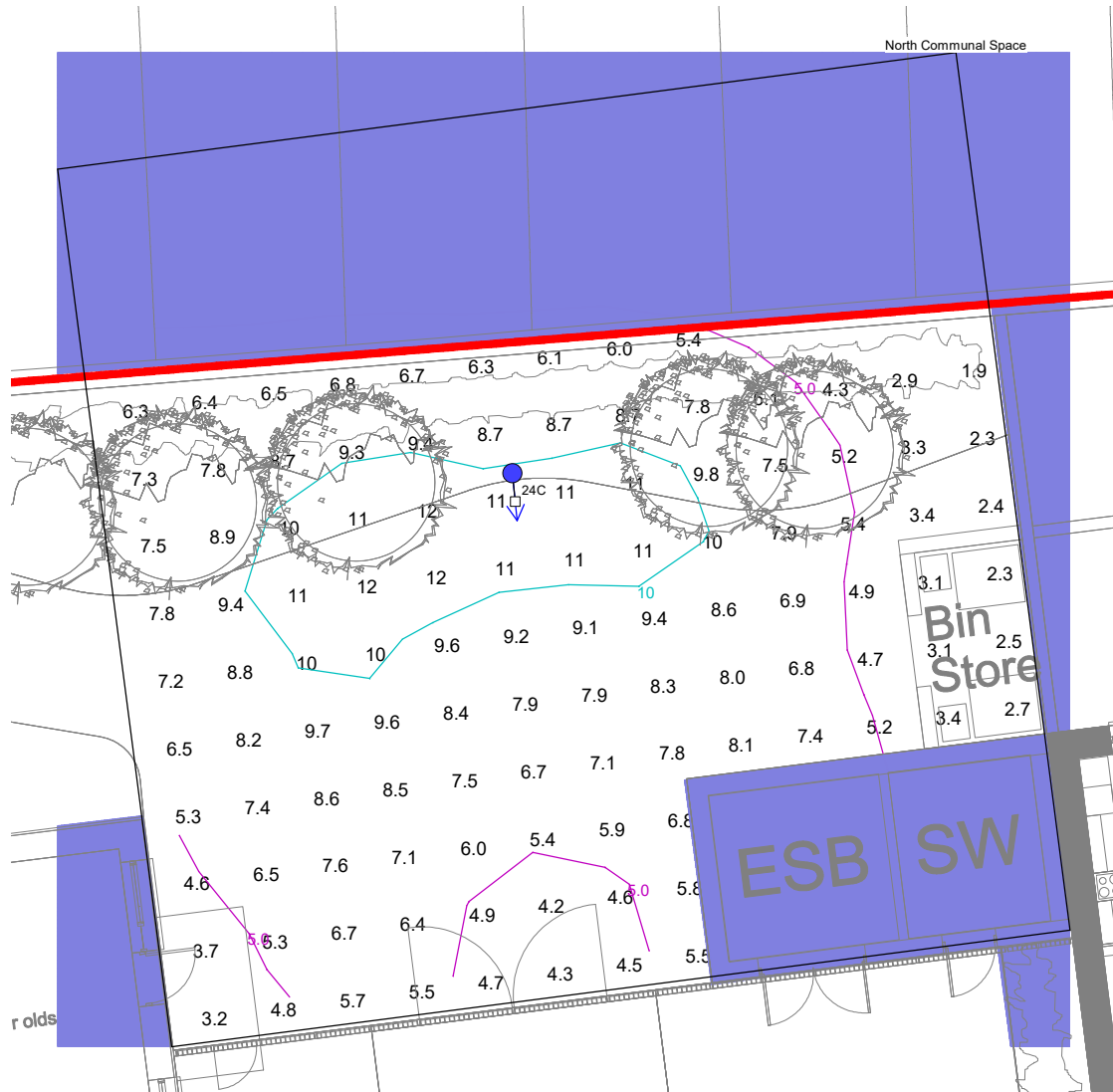


Results

Eav	4.39
Emin	0.77
Emax	18.69
Emin/Emax	0.04
Emin/Eav	0.18

Horizontal Illuminance (lux)

North Communal Space



Results

Eav	7.01
Emin	1.94
Emax	11.87
Emin/Emax	0.16
Emin/Eav	0.28