

DATE: 26 November 2025
DESIGNER: M Groves AMILP EngTech
PROJECT No: 20033126
PROJECT NAME: EVO20033126-AC-011-A

ENERVEO

Imberhorne Farm, East Grinstead - S38

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	Grid 1 - Road 08 - P4	537136.89	138738.05	87.10	44.39	1.48	1.48
2	Grid 2 - Road 08 - P4	537124.03	138655.10	91.37	44.39	1.50	1.48
3	Grid 3 - Road 08 - P4	537111.57	138572.33	37.36	92.66	1.49	1.49
4	Grid 4 - Road 08 - P4	537199.68	138558.21	37.36	92.66	1.49	1.49
5	Grid 5 - Road 09 - P4	537049.49	138752.13	73.99	40.83	1.48	1.46
6	Grid 6 - Road 09 - P4	537039.17	138681.46	51.91	40.83	1.27	1.46
7	Grid 7 - Road 09 - P4	537072.10	138651.31	49.64	71.65	1.91	1.49
8	Grid 8 - Road 10 - P4	536986.42	138706.77	40.29	78.65	1.49	1.48
9	Grid 9 - Road 10 - P4	536924.99	138704.59	40.29	64.23	1.49	1.49
10	Grid 10 - Road 10 - P4	536894.20	138703.22	100.32	36.25	1.50	1.45
11	Grid 11 - Road 10 - P4	536931.03	138638.58	40.11	64.08	1.49	1.49
12	Grid 12 - Road 11 - P4	536993.00	138650.34	44.77	73.25	1.49	1.49
13	Grid 13- Road 11 - P4	536961.13	138638.79	66.30	35.20	1.47	1.47
14	Grid 14- Road 11 - P4	536946.85	138575.00	30.81	62.54	1.47	1.49
15	Grid 15- Road 12 - P4	537020.64	138633.61	57.87	35.20	1.29	1.47
16	Grid 16 - Road 11 - P4	537014.36	138576.91	32.48	56.74	1.48	1.49

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 3.1 5266 Integrated lenses Rear louvers 16 OSLO SQUARE
Lamp(s)	16 OSLO SQUARE GIANT@500mA WW 727 230V 01-11-814
LampFlux(klm)/Colour	2.59 WW 2700K/70
File Name	AXIA 3.1 5266 16 OSLO SQUARE GIANT Drv 500mA WW 727 25.7W 457662 Integra...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	1216.3, 169.4, 0.0
No. in Project	19

Luminaire B Data

Supplier	
Type	AXIA 3.1 5267 Integrated lenses Rear louvers 16 OSLO SQUARE
Lamp(s)	16 OSLO SQUARE GIANT@600mA WW 727 230V 01-11-814
LampFlux(klm)/Colour	2.73 WW 2700K/70
File Name	AXIA 3.1 5267 16 OSLO SQUARE GIANT Drv 600mA WW 727 31W 457672 Integrat...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	1281.8, 174.5, 0.0
No. in Project	13

Layout

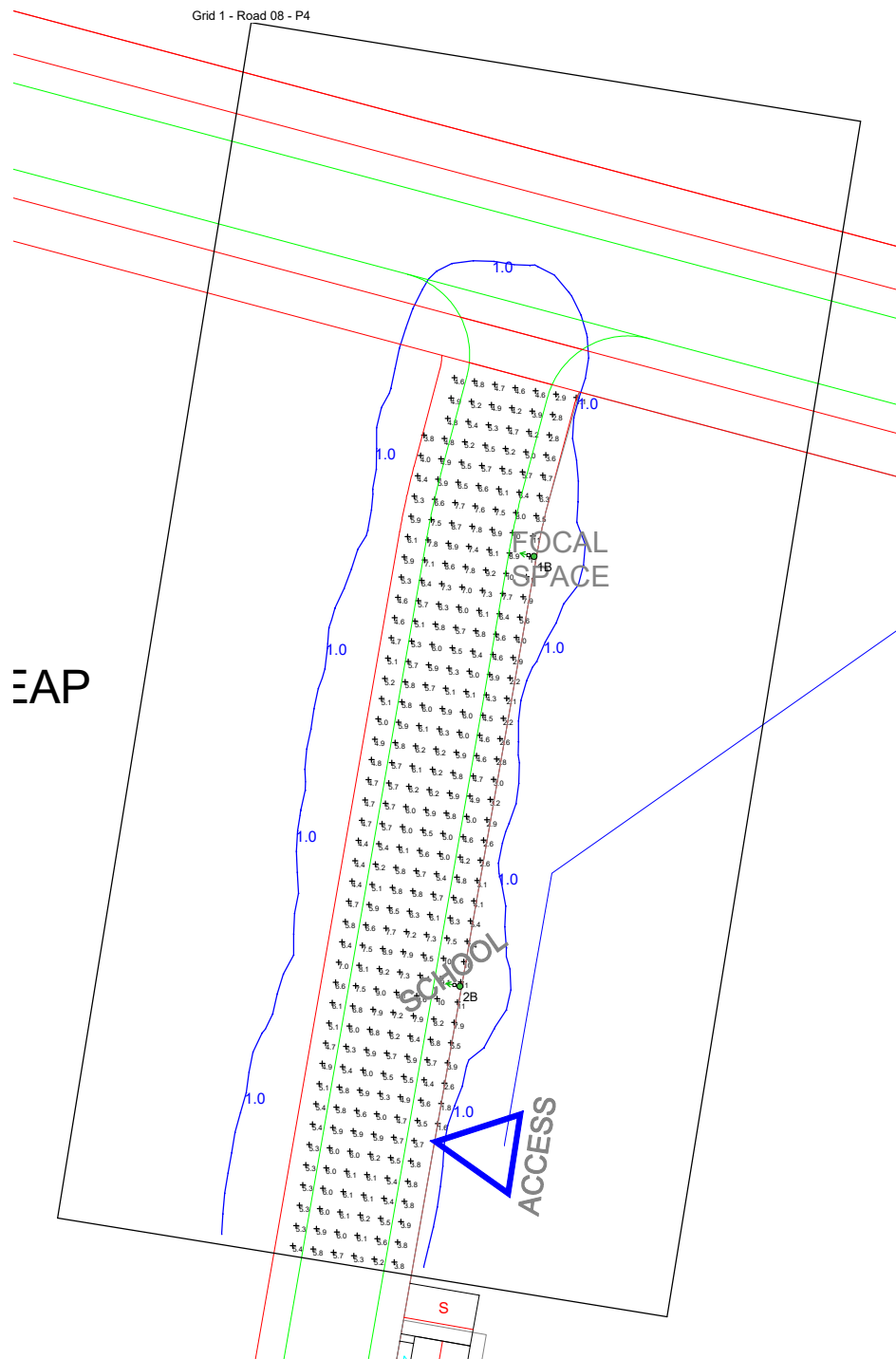
ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
1	B	537157.22	138699.67	6.00	168.00	0.00	0.00	0.40	100%			
2	B	537151.88	138668.74	6.00	168.00	0.00	0.00	0.40	100%			
3	B	537146.49	138637.97	6.00	171.00	0.00	0.00	0.40	100%			
4	B	537130.56	138603.03	6.00	350.00	0.00	0.00	0.40	100%			
5	B	537124.55	138568.35	6.00	351.00	0.00	0.00	0.40	100%			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
6	B	537154.46	138539.19	6.00	81.00	0.00	0.00	0.40	100%			
7	A	537195.03	138534.87	6.00	79.00	0.00	0.00	0.40	100%			
8	A	537225.87	138526.71	6.00	81.00	0.00	0.00	0.40	70%			
9	A	537260.86	138523.39	6.00	80.00	0.00	0.00	0.40	70%			
10	B	537071.79	138720.28	6.00	167.00	0.00	0.00	0.40	90%			
11	B	537064.61	138687.16	6.00	165.00	0.00	0.00	0.40	90%			
12	B	537063.47	138660.08	6.00	181.00	0.00	0.00	0.40	80%			
13	B	537066.89	138630.58	6.00	63.00	0.00	0.00	0.40	80%			
14	B	537095.84	138634.05	6.00	259.00	0.00	0.00	0.40	70%			
15	B	537122.32	138619.50	6.00	80.00	0.00	0.00	0.40	70%			
16	A	537107.05	138614.31	6.00	174.00	0.00	0.00	0.40	70%			
17	A	537040.98	138691.59	6.00	274.00	0.00	0.00	0.40	70%			
18	A	537004.21	138690.21	6.00	273.00	0.00	0.00	0.40	70%			
19	A	536968.78	138688.88	6.00	273.00	0.00	0.00	0.40	70%			
20	A	536930.16	138687.50	6.00	271.00	0.00	0.00	0.40	70%			
21	A	536916.73	138661.52	6.00	183.00	0.00	0.00	0.40	60%			
22	A	536917.35	138642.05	6.00	185.00	0.00	0.00	0.40	60%			
23	A	536932.58	138617.04	6.00	94.00	0.00	0.00	0.40	70%			
24	A	536971.74	138626.00	6.00	273.00	0.00	0.00	0.40	70%			
25	A	537002.51	138627.15	6.00	274.00	0.00	0.00	0.40	90%			
26	B	537039.18	138636.75	6.00	298.00	0.00	0.00	0.40	90%			
27	A	536983.81	138610.23	6.00	186.00	0.00	0.00	0.40	60%			
28	A	536977.61	138574.70	6.00	4.00	0.00	0.00	0.40	60%			
29	A	536983.49	138558.26	6.00	93.00	0.00	0.00	0.40	75%			
30	A	537045.07	138614.07	6.00	195.00	0.00	0.00	0.40	60%			
31	A	537045.06	138581.61	6.00	179.00	0.00	0.00	0.40	60%			
32	A	537035.45	138559.91	6.00	83.00	0.00	0.00	0.40	70%			

Horizontal Illuminance (lux)

Grid 1 - Road 08 - P4

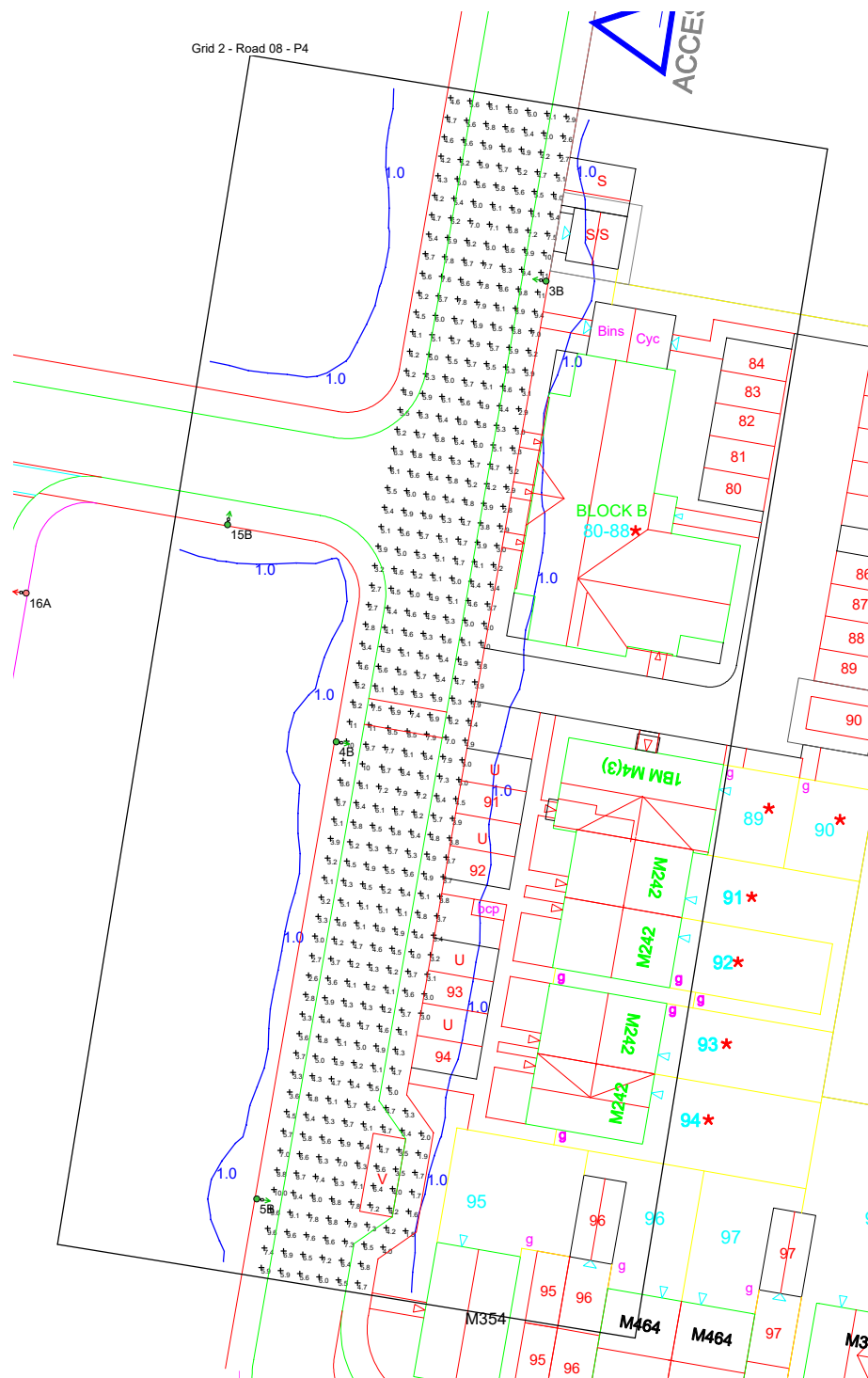


Results

Eav	5.80
Emin	1.14
Emax	11.27
Emin/Emax	0.10
Emin/Eav	0.20

Horizontal Illuminance (lux)

Grid 2 - Road 08 - P4

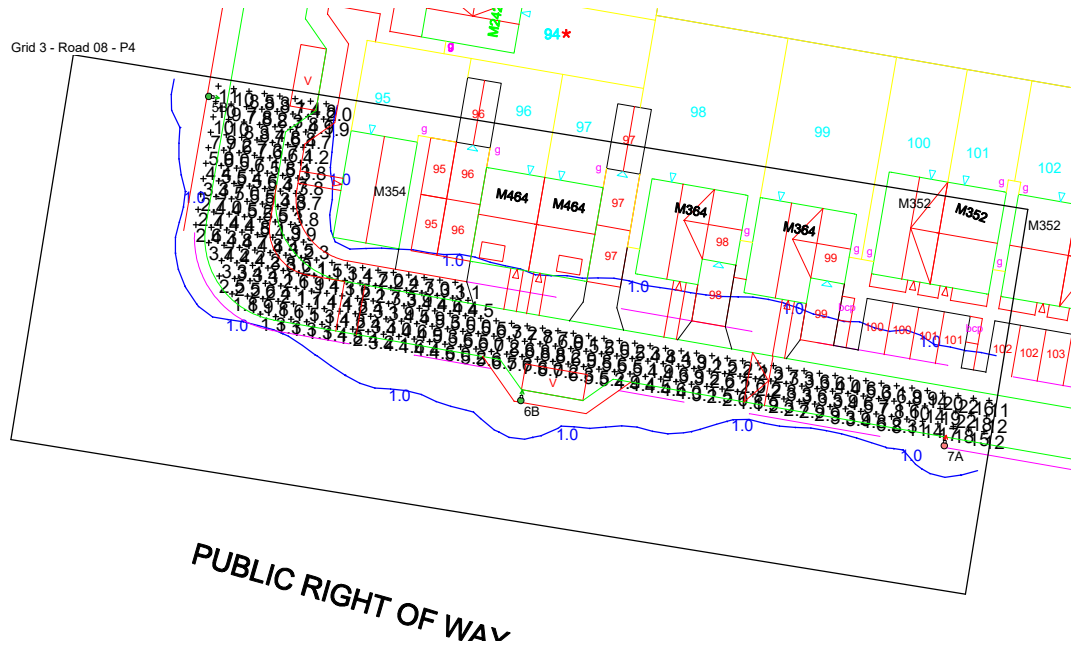


Results

Eav	5.54
Emin	1.53
Emax	11.12
Emin/Emax	0.14
Emin/Eav	0.28

Horizontal Illuminance (lux)

Grid 3 - Road 08 - P4

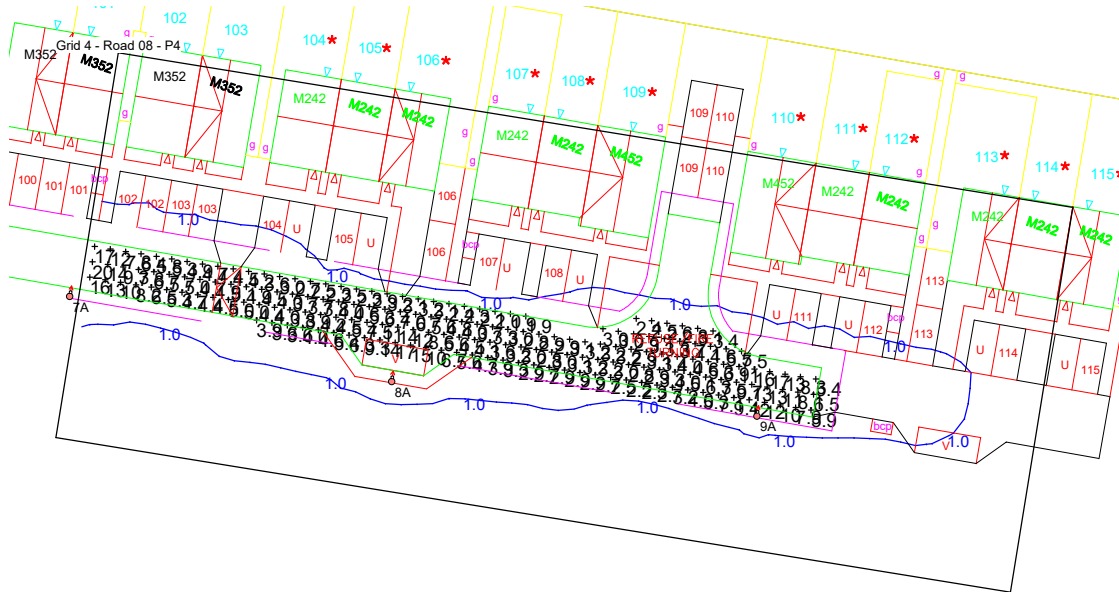


Results

Eav	5.26
Emin	1.28
Emax	21.59
Emin/Emax	0.06
Emin/Eav	0.24

Horizontal Illuminance (lux)

Grid 4 - Road 08 - P4

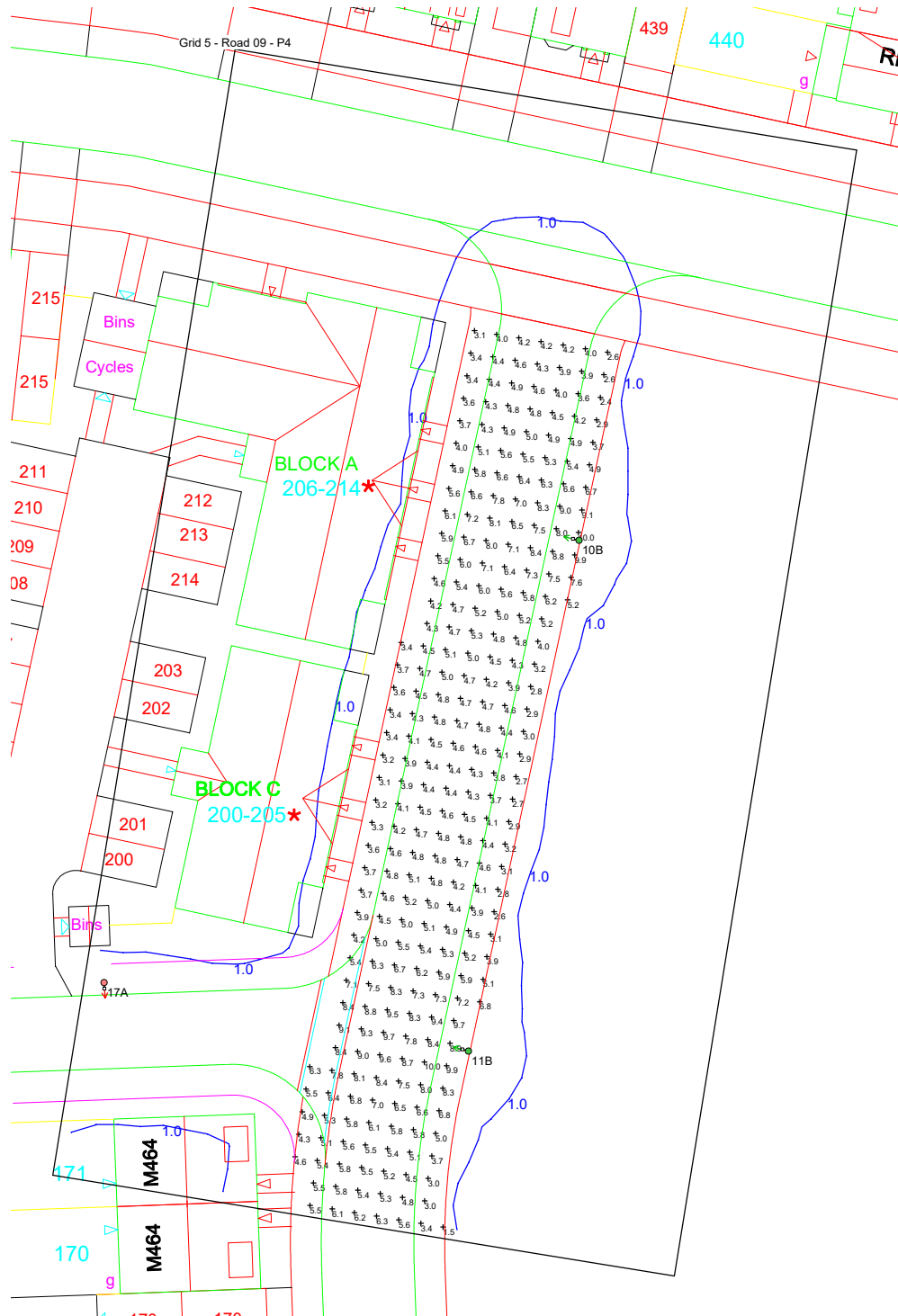


Results

Eav	5.60
Emin	1.94
Emax	20.12
Emin/Emax	0.10
Emin/Eav	0.35

Horizontal Illuminance (lux)

Grid 5 - Road 09 - P4

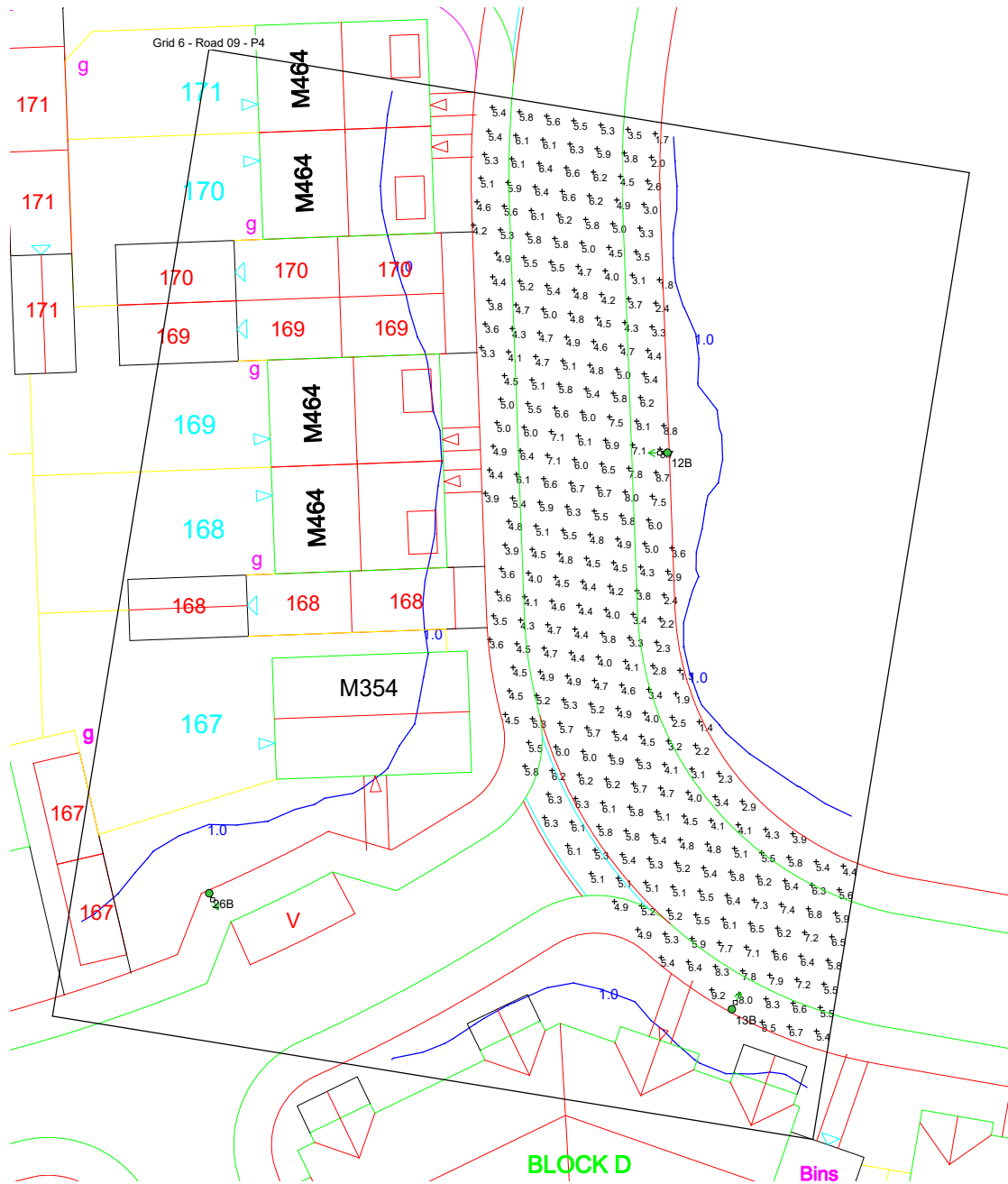


Results

Eav	5.34
Emin	1.55
Emax	9.99
Emin/Emax	0.15
Emin/Eav	0.29

Horizontal Illuminance (lux)

Grid 6 - Road 09 - P4

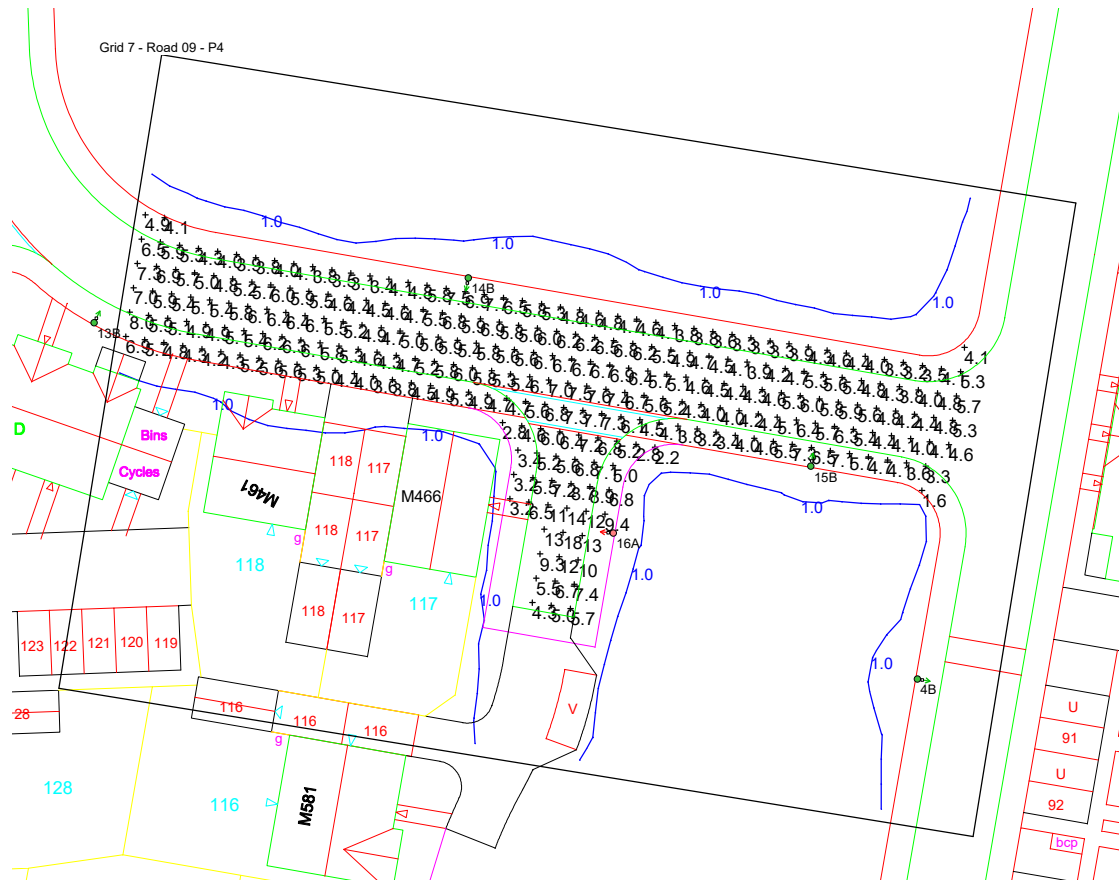


Results

Eav	5.18
Emin	1.32
Emax	9.17
Emin/Emax	0.14
Emin/Eav	0.25

Horizontal Illuminance (lux)

Grid 7 - Road 09 - P4

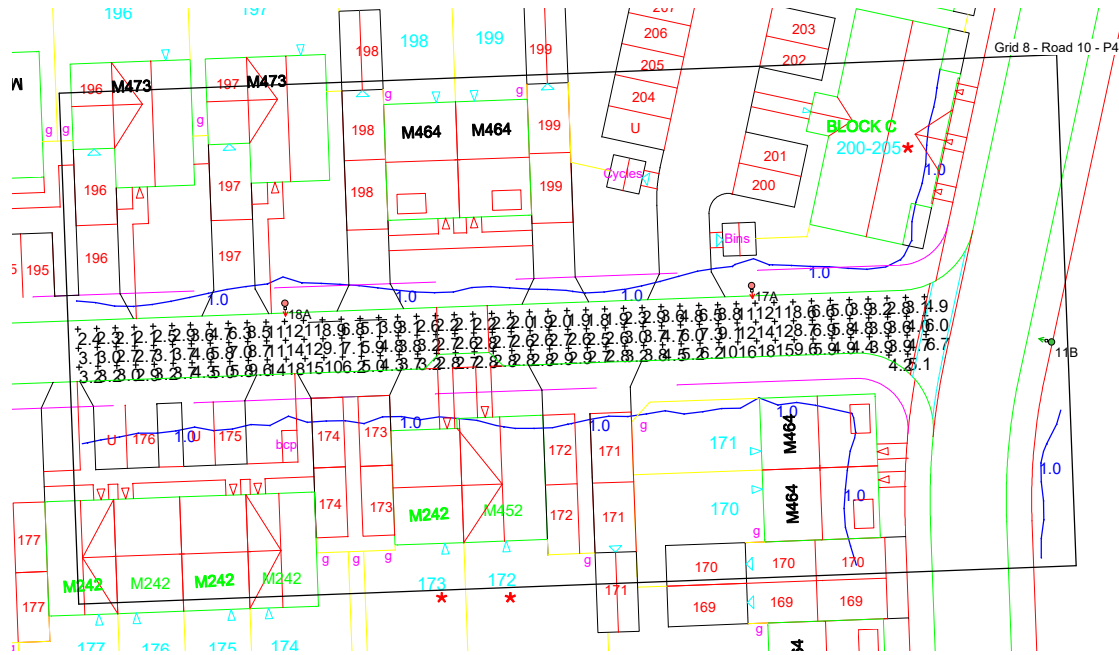


Results

Eav	5.47
Emin	1.56
Emax	17.57
Emin/Emax	0.09
Emin/Eav	0.29

Horizontal Illuminance (lux)

Grid 8 - Road 10 - P4

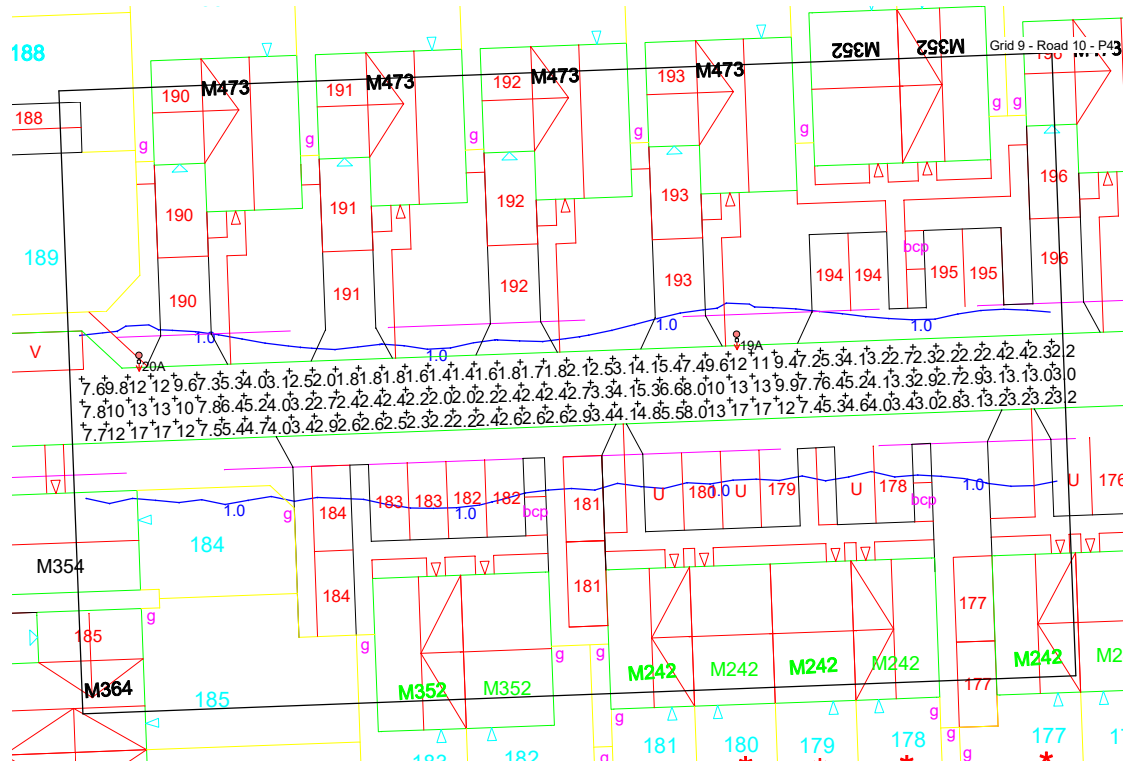


Results

Eav	5.48
Emin	1.79
Emax	18.22
Emin/Emax	0.10
Emin/Eav	0.33

Horizontal Illuminance (lux)

Grid 9 - Road 10 - P4

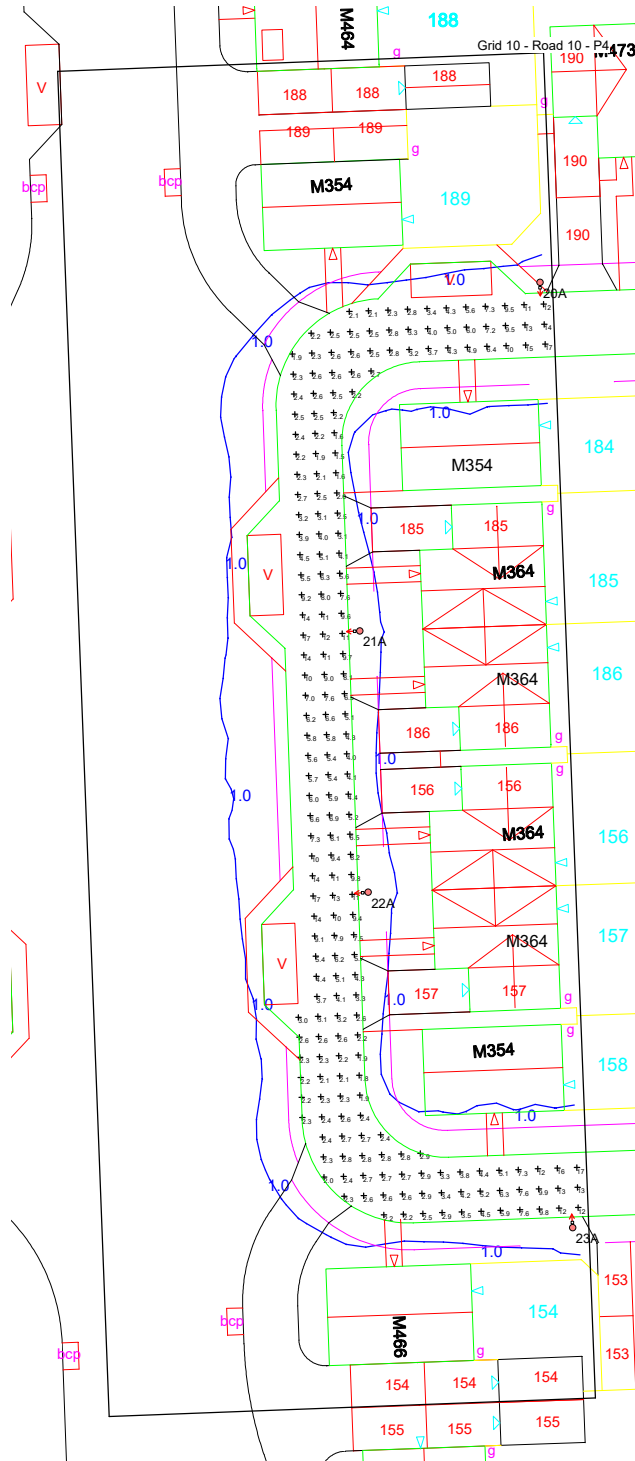


Results

Eav	5.26
Emin	1.41
Emax	17.33
Emin/Emax	0.08
Emin/Eav	0.27

Horizontal Illuminance (lux)

Grid 10 - Road 10 - P4

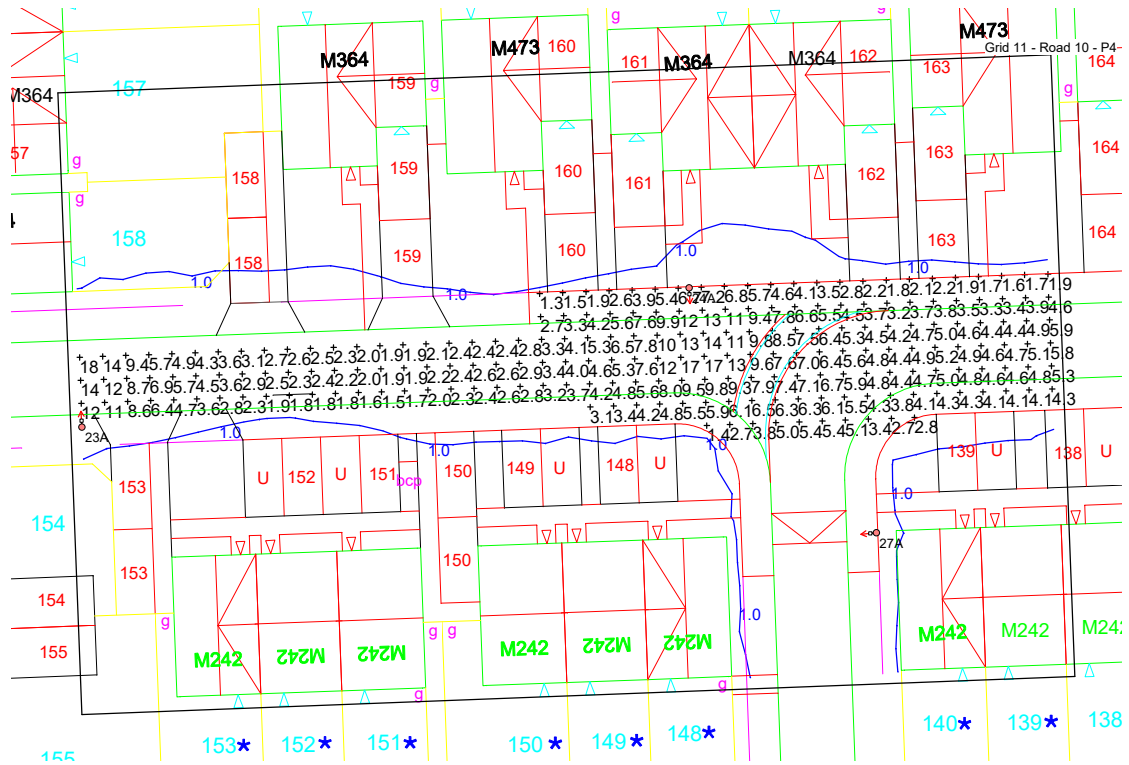


Results

Eav	5.45
Emin	1.47
Emax	17.05
Emin/Emax	0.09
Emin/Eav	0.27

Horizontal Illuminance (lux)

Grid 11 - Road 10 - P4

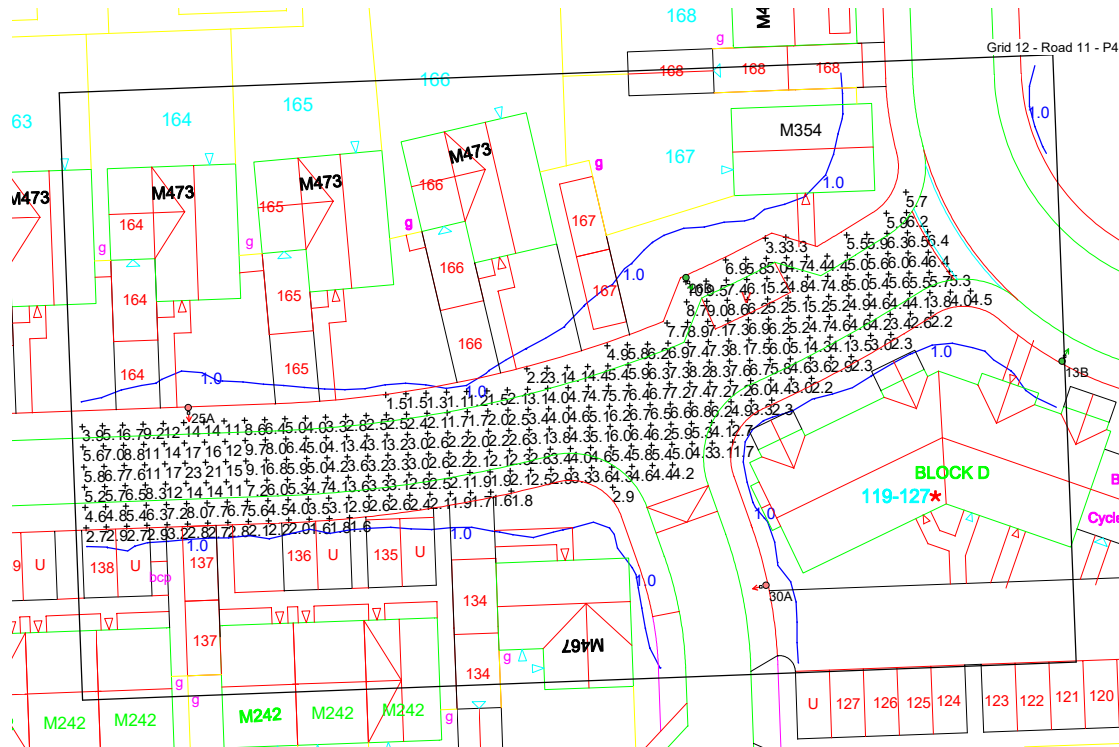


Results

Eav	5.14
Emin	1.27
Emax	17.71
Emin/Emax	0.07
Emin/Eav	0.25

Horizontal Illuminance (lux)

Grid 12 - Road 11 - P4

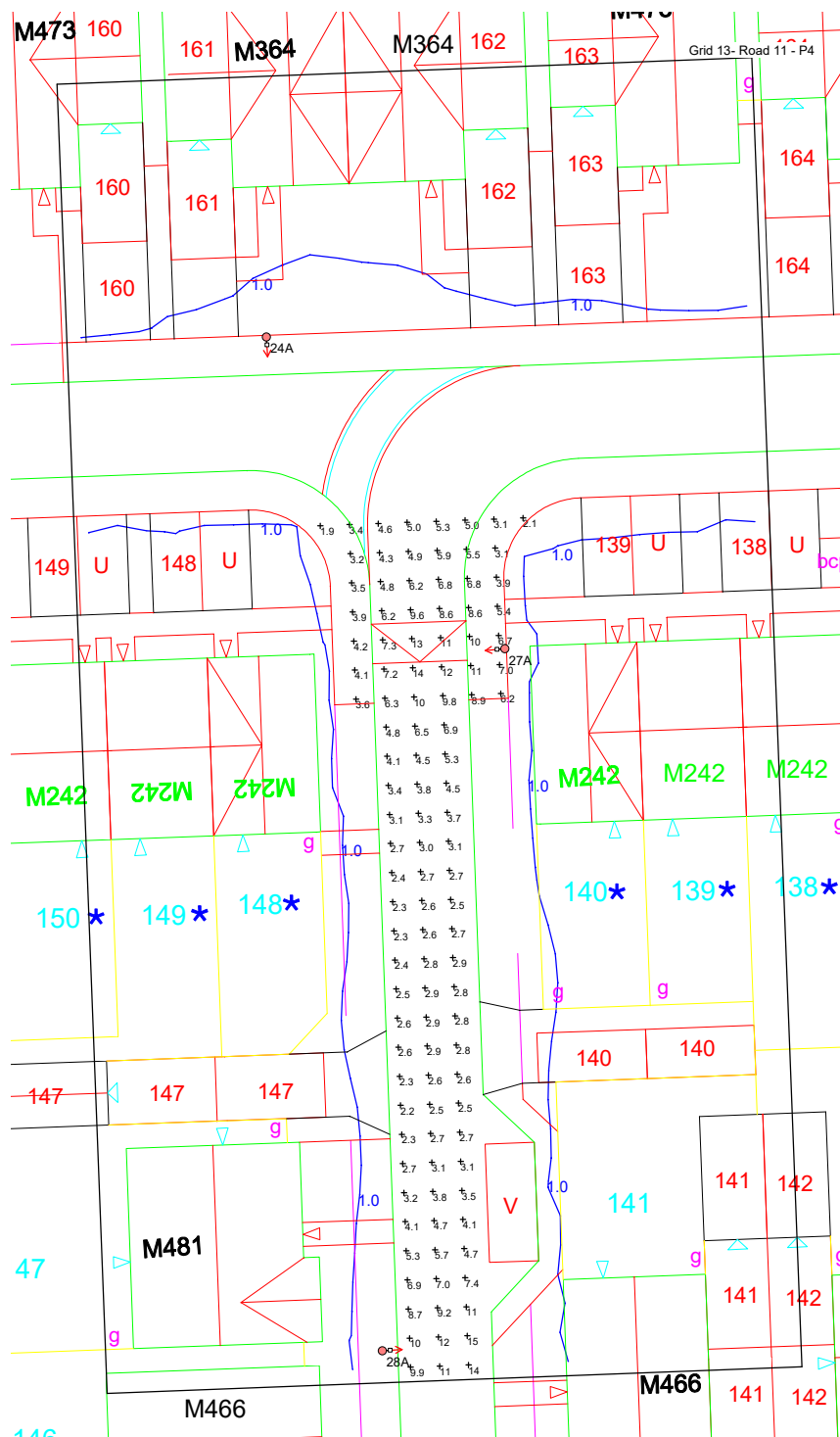


Results

Eav	5.27
Emin	1.11
Emax	22.62
Emin/Emax	0.05
Emin/Eav	0.21

Horizontal Illuminance (lux)

Grid 13- Road 11 - P4

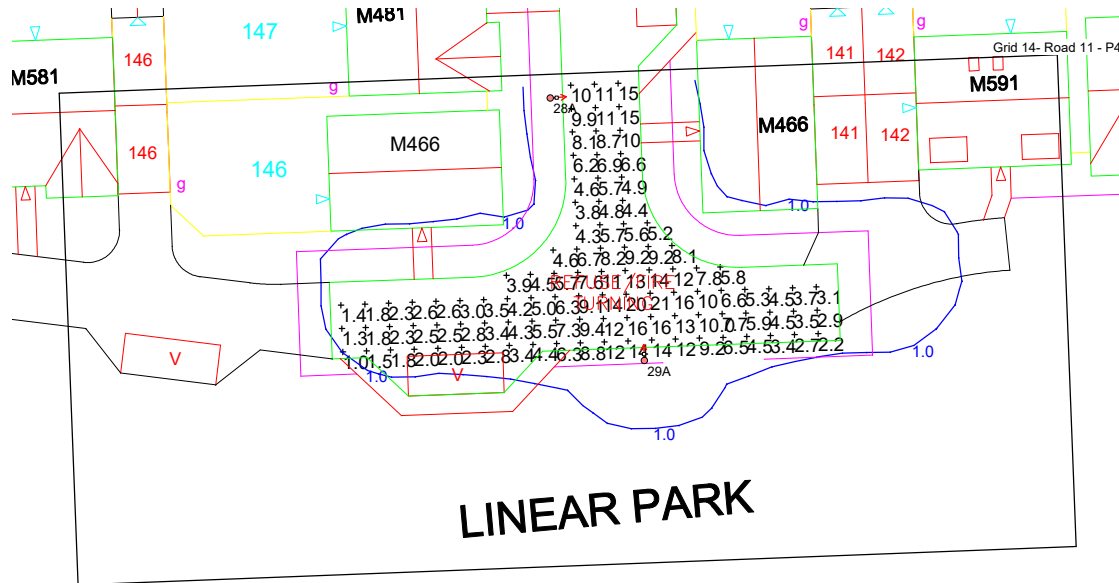


Results

Eav	5.28
Emin	1.91
E _{max}	15.08
Emin/E _{max}	0.13
Emin/Eav	0.36

Horizontal Illuminance (lux)

Grid 14- Road 11 - P4

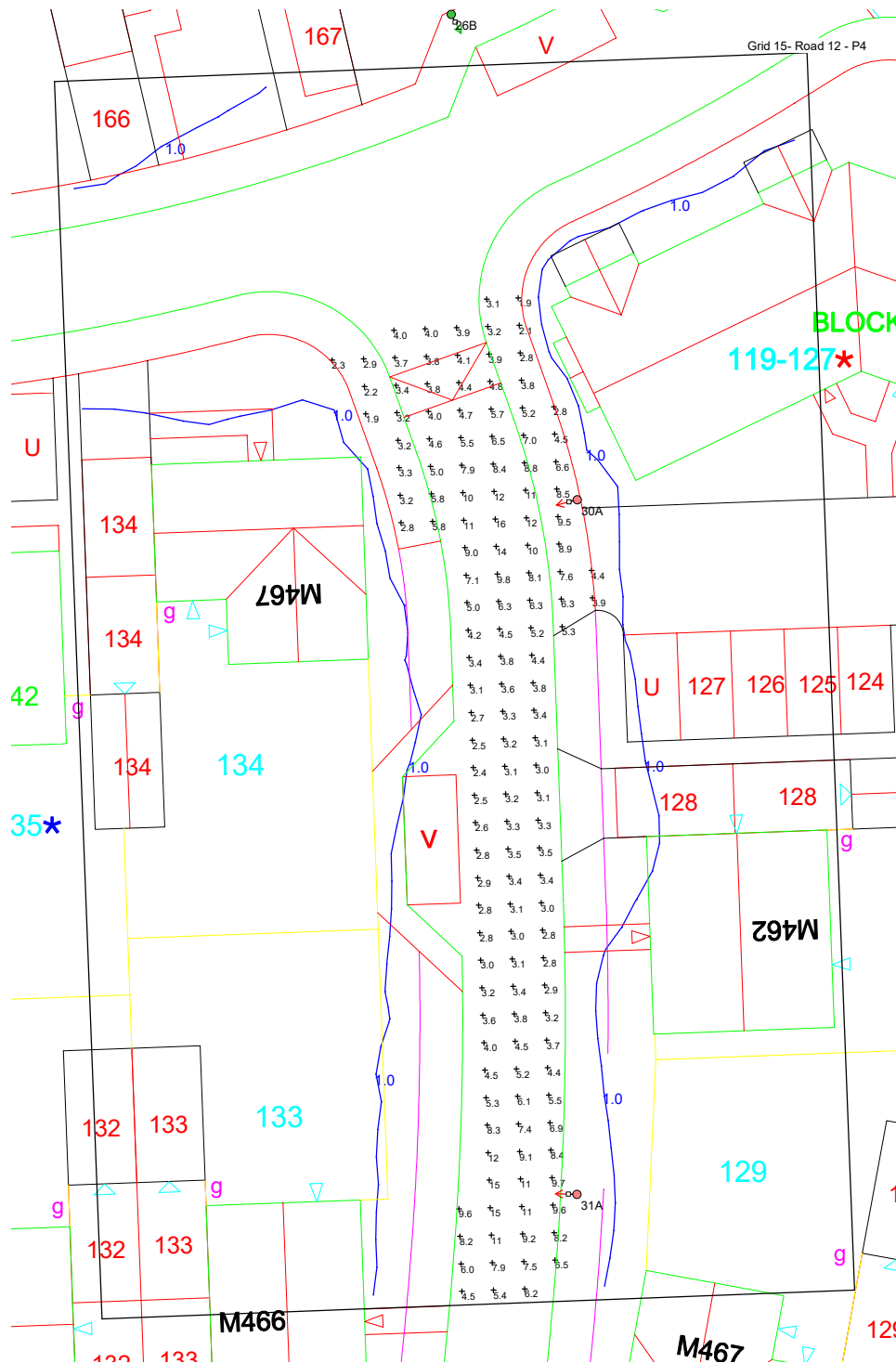


Results

Eav	6.89
Emin	1.01
Emax	20.88
Emin/Emax	0.05
Emin/Eav	0.15

Horizontal Illuminance (lux)

Grid 15- Road 12 - P4

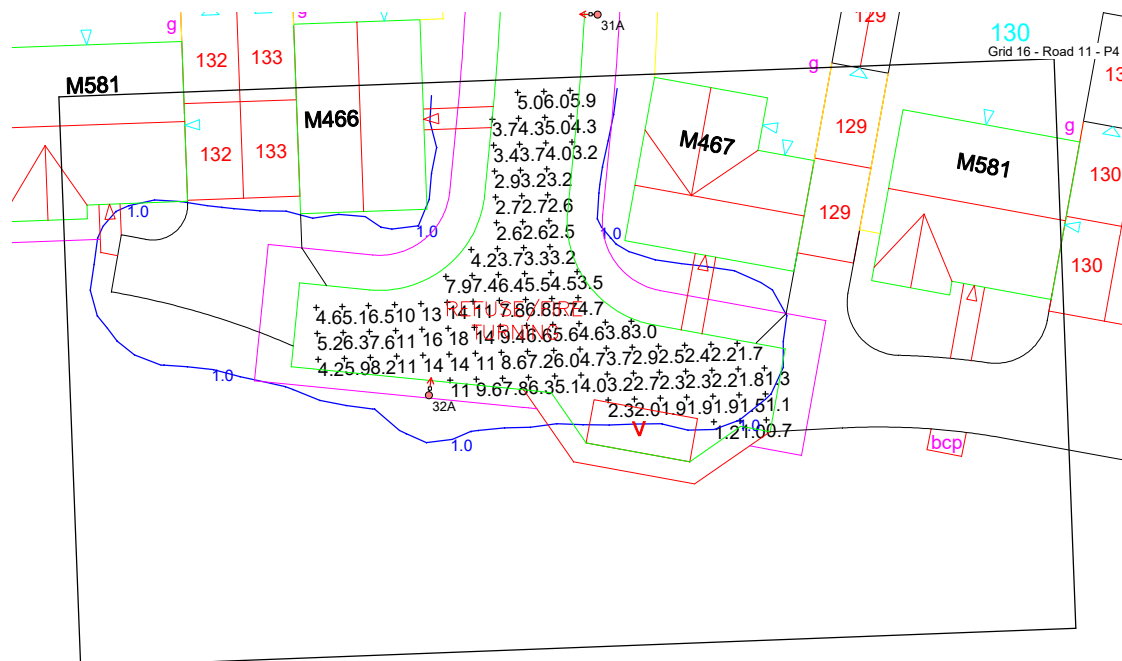


Results

Eav	5.48
Emin	1.85
Emax	15.79
Emin/Emax	0.12
Emin/Eav	0.34

Horizontal Illuminance (lux)

Grid 16 - Road 11 - P4



Results

Eav	5.40
Emin	0.71
Emax	17.96
Emin/Emax	0.04
Emin/Eav	0.13