

DATE: 26 November 2025
DESIGNER: M Groves AMILP EngTech
PROJECT No: 20033126
PROJECT NAME: EVO20033126-AC-012-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 15 - P4	537098.29	138822.99	87.10	44.39	1.48	1.48
2	Grid 2 - Road 16 - P4	537013.82	138837.45	45.17	107.63	1.46	1.49
3	Grid 3 - Road 16 - P4	536905.74	138828.56	45.17	110.09	1.46	1.49
4	Grid 4 - Road 17 - P4	537035.30	138872.95	62.80	39.68	1.50	1.47
5	Grid 5 - Road 17 - P4	537029.87	138896.30	23.29	60.47	1.46	1.47
6	Grid 6 - Road 18 - P4	536974.81	138886.26	75.85	43.16	1.49	1.49
7	Grid 7 - Road 18 - P4	536966.24	138908.25	23.29	60.47	1.46	1.47
8	Grid 8	536640.03	138715.74	45.24	91.80	1.46	1.48
9	Grid 9	536657.96	138764.11	66.31	34.25	1.47	1.49

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 3.1 5266 Integrated lenses Rear louvers 16 OSLON SQUARE
Lamp(s)	16 OSLON SQUARE GIANT@500mA WW 727 230V 01-11-814
LampFlux(klm)/Colour	2.59 WW 2700K/70
File Name	AXIA 3.1 5266 16 OSLON 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	11

Luminaire B Data

Supplier	
Type	AXIA 3.1 5267 Integrated lenses Rear louvers 16 OSLON SQUARE
Lamp(s)	16 OSLON SQUARE GIANT@600mA WW 727 230V 01-11-814
LampFlux(klm)/Colour	2.73 WW 2700K/70
File Name	AXIA 3.1 5267 16 OSLON 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	2

Luminaire C Data

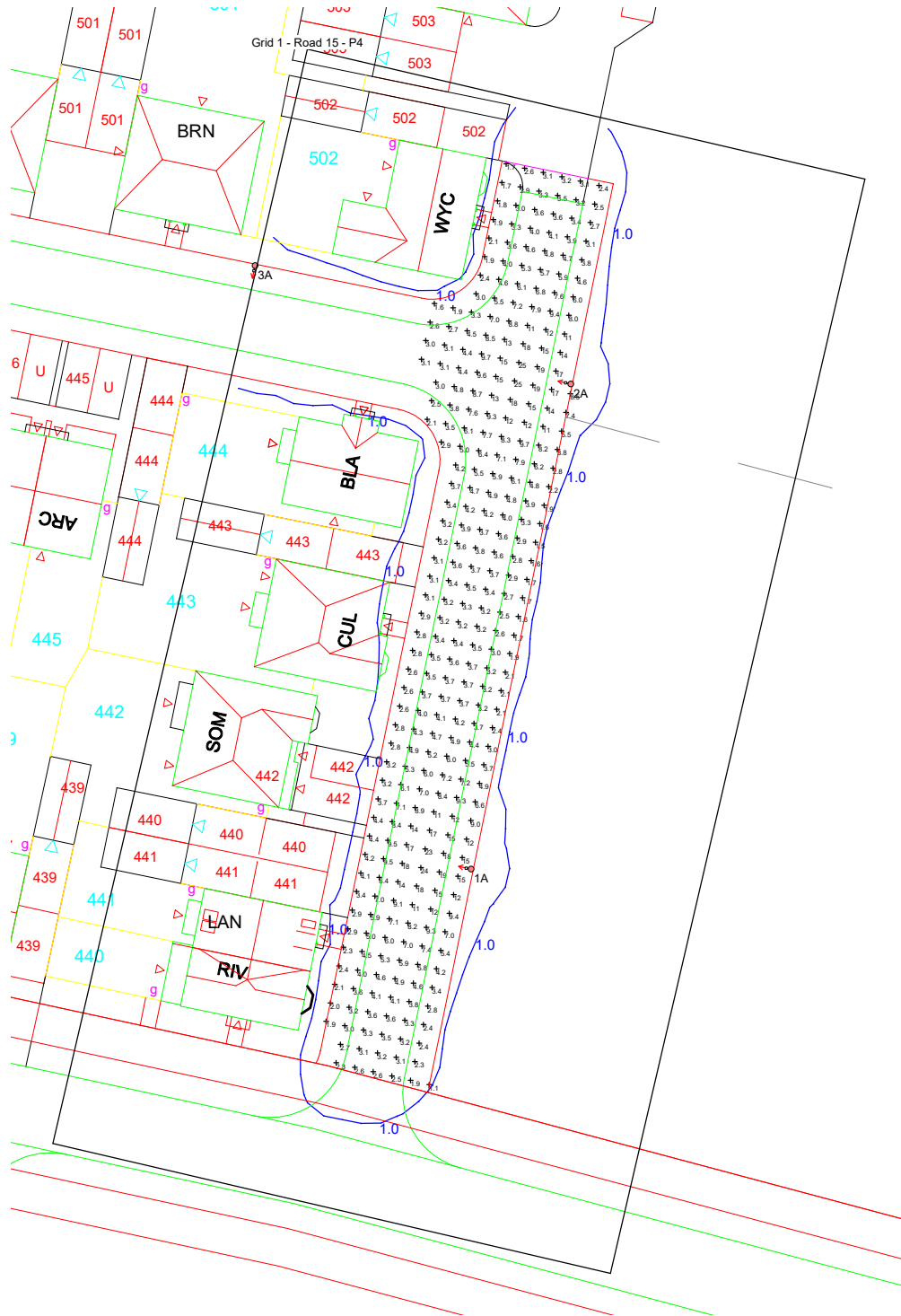
Supplier	
Type	AXIA 3.1 5296 Integrated lenses Rear louvers 16 OSLON SQUARE
Lamp(s)	16 OSLON SQUARE GIANT@300mA WW 727 230V 01-11-802
LampFlux(klm)/Colour	1.62 WW 2700K/70
File Name	AXIA 3.1 5296 16 OSLON SQUARE GIANT Drv 300mA WW 727 15.5W 457602 Integra...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	1285.9, 28.2, 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	537110.99	138759.43	6.00	168.00	0.00	0.00	0.40	100%			
2	A	537118.71	138797.03	6.00	167.00	0.00	0.00	0.40	100%			
3	A	537094.23	138806.21	6.00	259.00	0.00	0.00	0.40	85%			
4	A	537053.80	138805.70	6.00	79.00	0.00	0.00	0.40	85%			
5	A	537017.73	138817.32	6.00	271.00	0.00	0.00	0.40	85%			
6	A	536995.05	138807.78	6.00	94.00	0.00	0.00	0.40	75%			
7	A	536958.13	138814.46	6.00	273.00	0.00	0.00	0.40	75%			
8	A	536933.17	138813.17	6.00	274.00	0.00	0.00	0.40	75%			
9	C	537051.52	138833.19	6.00	172.00	0.00	0.00	0.40	100%			
10	C	537050.12	138861.75	6.00	348.00	0.00	0.00	0.40	100%			
11	A	537055.38	138881.25	6.00	259.00	0.00	0.00	0.40	60%			
12	C	536982.87	138831.22	6.00	3.00	0.00	0.00	0.40	100%			
13	C	536986.64	138871.59	6.00	347.00	0.00	0.00	0.40	100%			
14	A	536993.14	138894.49	6.00	257.00	0.00	0.00	0.40	60%			
15	B	536665.58	138746.96	6.00	185.00	0.00	0.00	0.40	100%			
16	B	536653.28	138779.65	6.00	6.00	0.00	0.00	0.40	100%			
17	A	536678.45	138786.43	6.00	275.00	0.00	0.00	0.40	65%			

Horizontal Illuminance (lux)

Grid 1 - Road 15 - P4

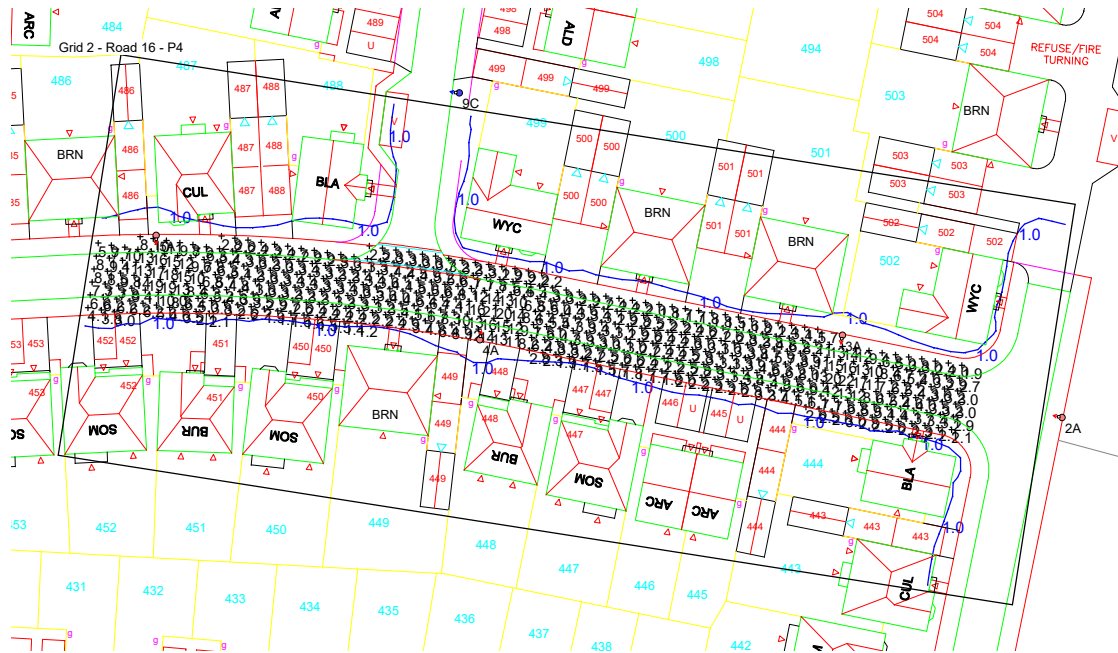


Results

Eav	5.83
Emin	1.13
Emax	25.04
Emin/Emax	0.04
Emin/Eav	0.19

Horizontal Illuminance (lux)

Grid 2 - Road 16 - P4

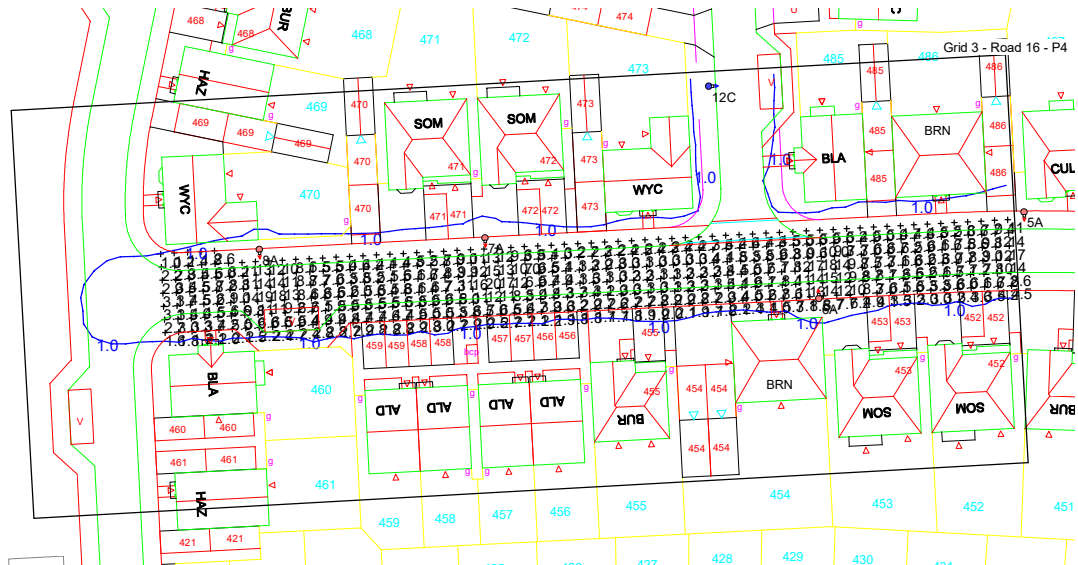


Results

Eav	5.38
Emin	1.21
Emax	21.90
Emin/Emax	0.06
Emin/Eav	0.22

Horizontal Illuminance (lux)

Grid 3 - Road 16 - P4

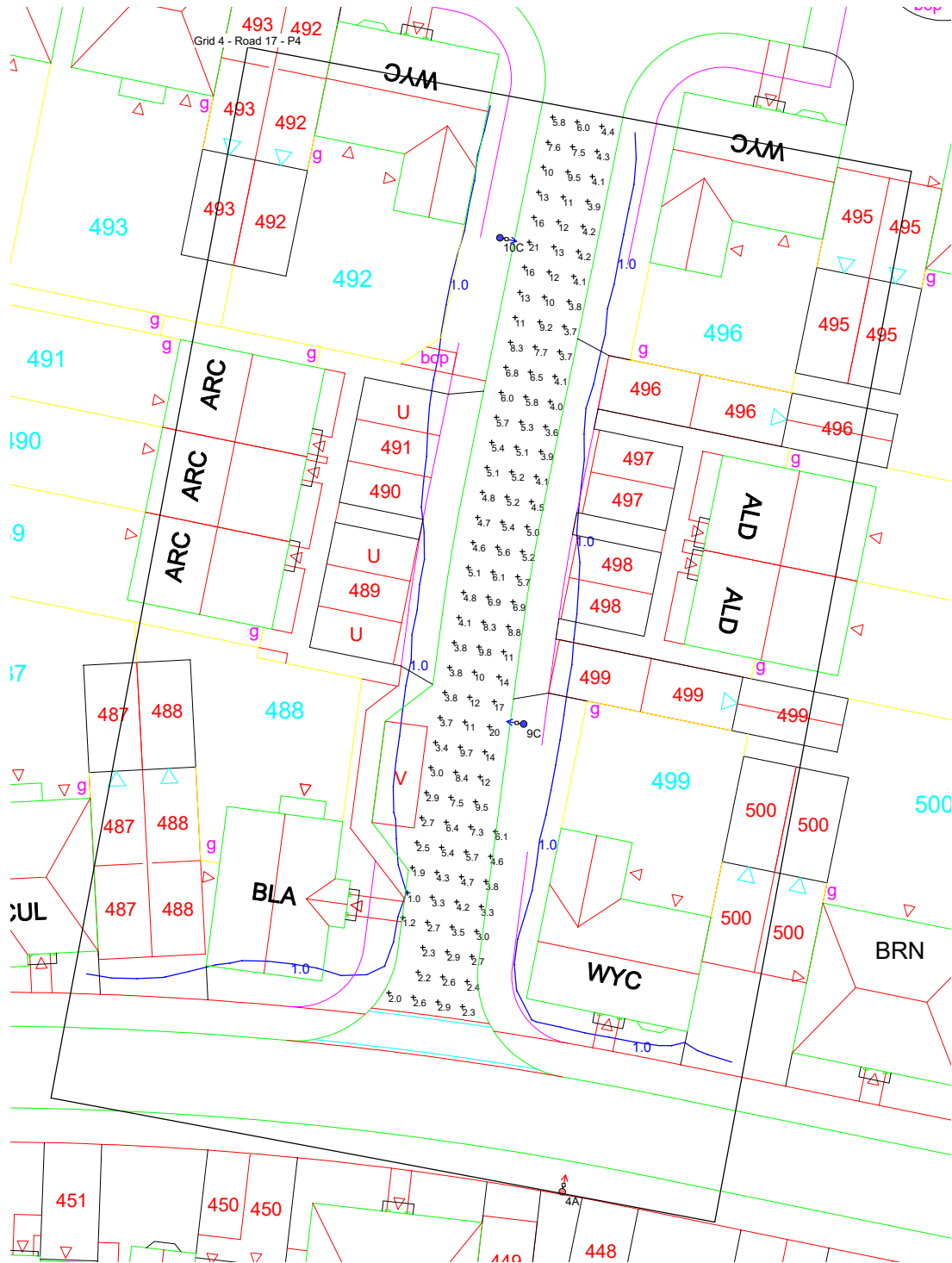


Results

Eav	5.93
Emin	1.03
Emax	19.95
Emin/Emax	0.05
Emin/Eav	0.17

Horizontal Illuminance (lux)

Grid 4 - Road 17 - P4

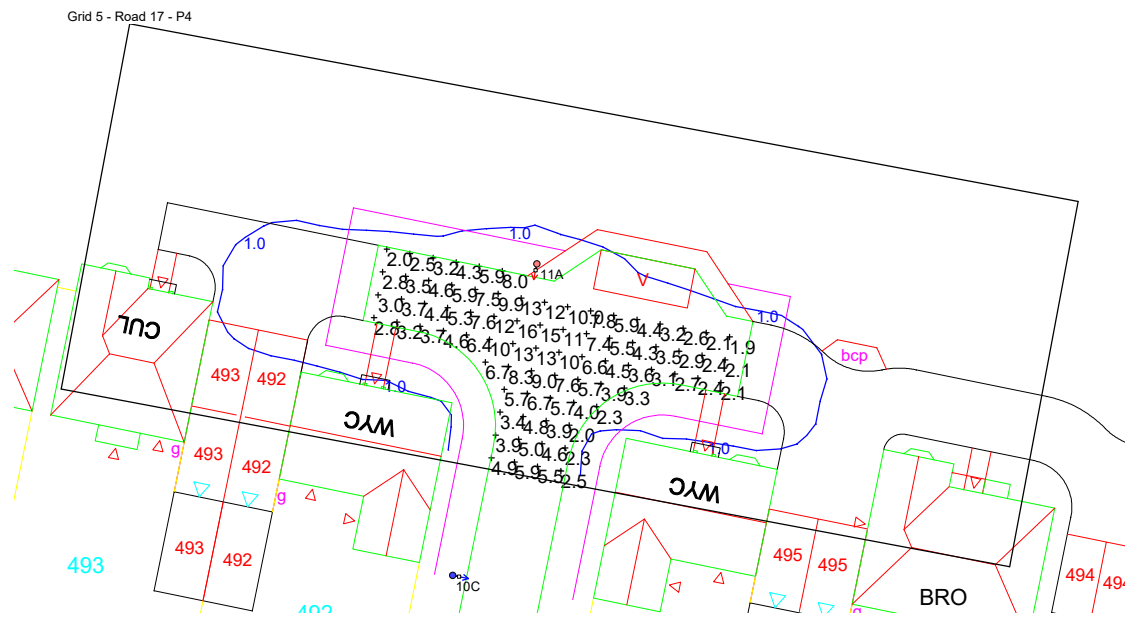


Results

Eav	6.41
Emin	1.03
Emax	21.12
Emin/Emax	0.05
Emin/Eav	0.16

Horizontal Illuminance (lux)

Grid 5 - Road 17 - P4

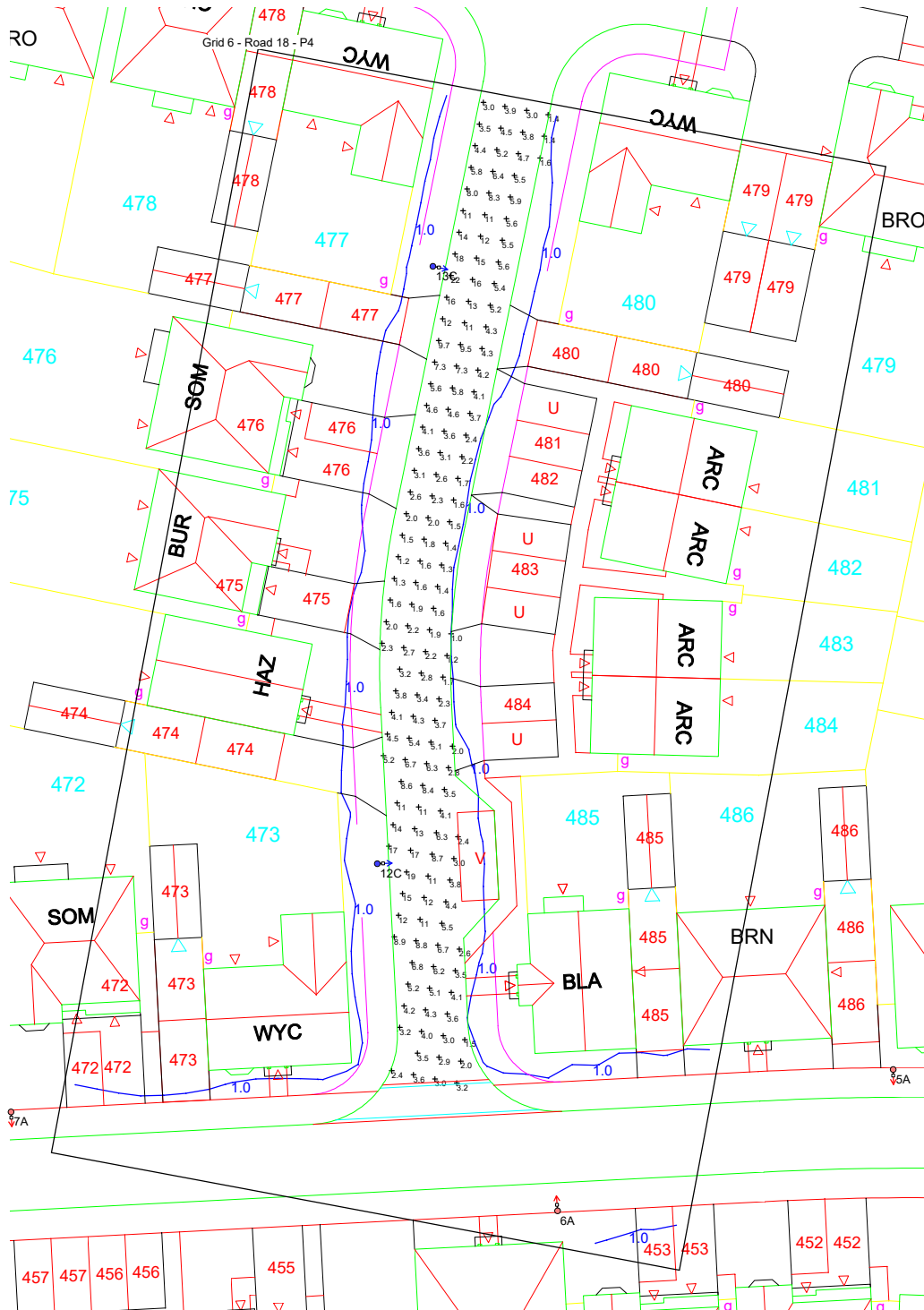


Results

Eav	5.63
Emin	1.86
Emax	15.70
Emin/Emax	0.12
Emin/Eav	0.33

Horizontal Illuminance (lux)

Grid 6 - Road 18 - P4

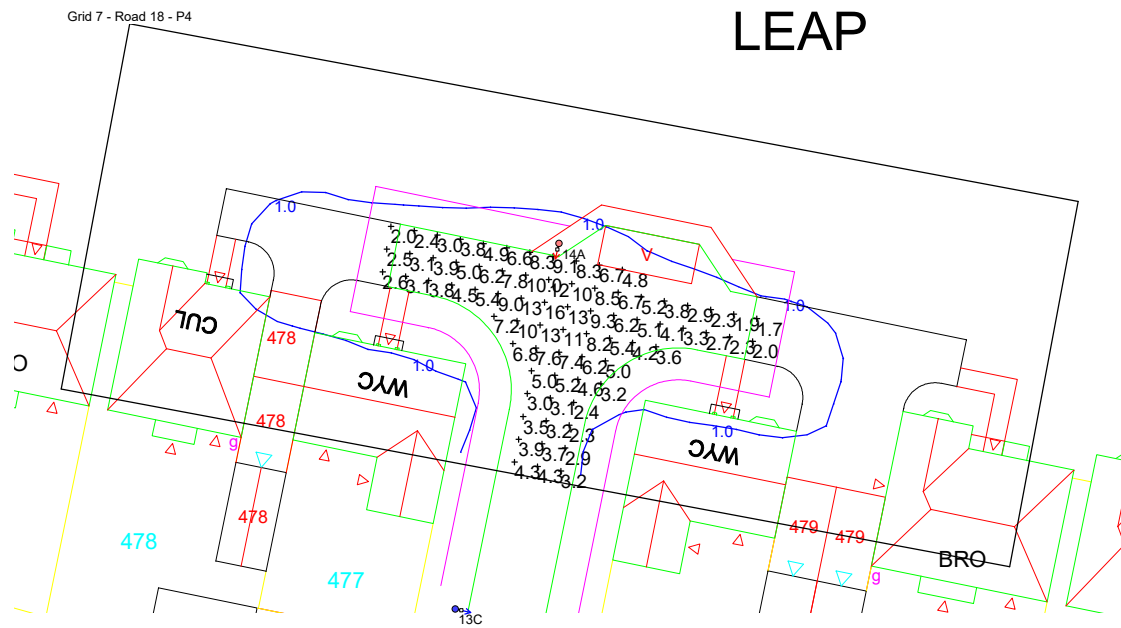


Results

Eav	5.56
Emin	1.00
Emax	21.74
Emin/Emax	0.05
Emin/Eav	0.18

Horizontal Illuminance (lux)

Grid 7 - Road 18 - P4

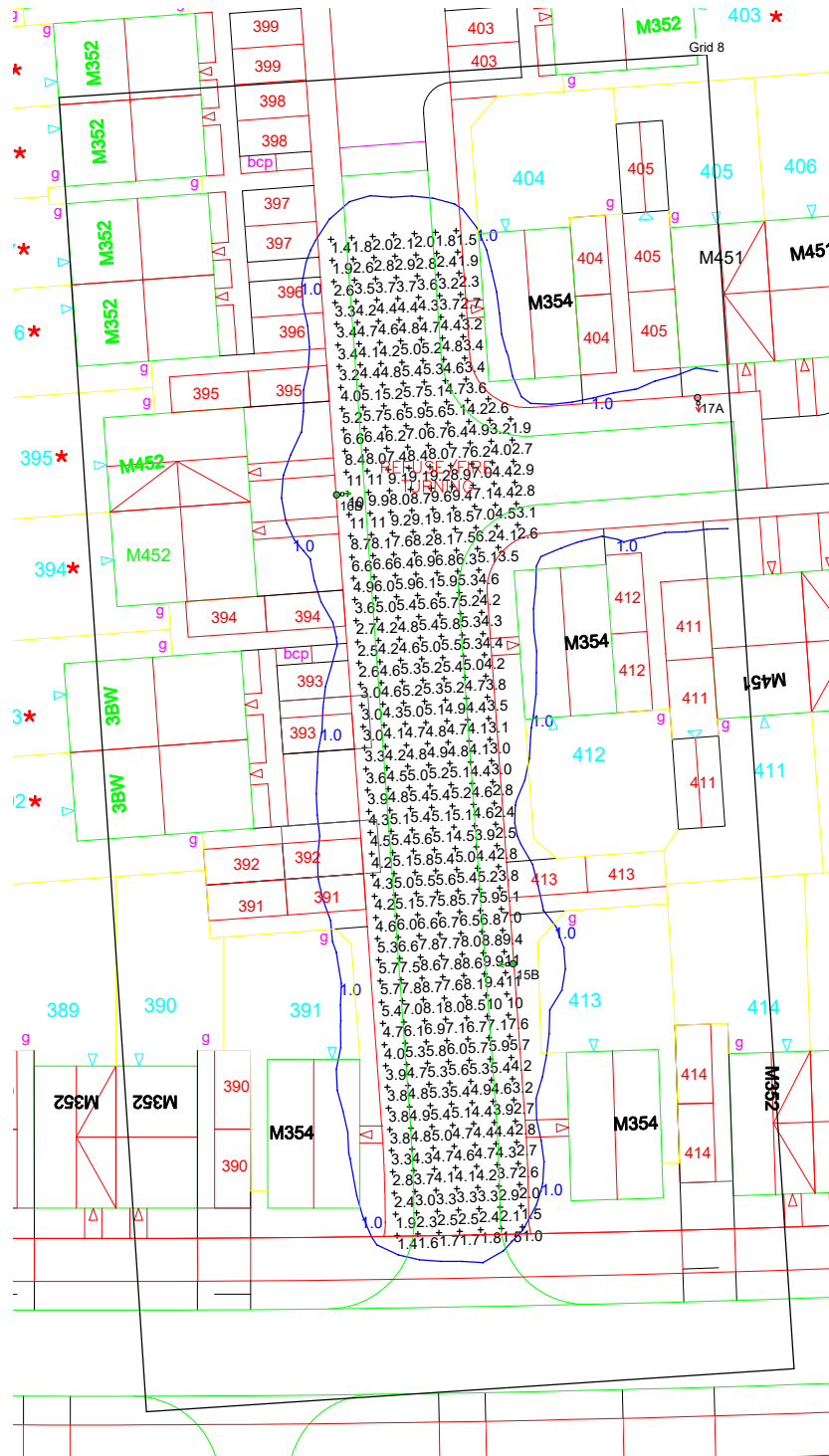


Results

Eav	5.58
Emin	1.72
Emax	16.22
Emin/Emax	0.11
Emin/Eav	0.31

Horizontal Illuminance (lux)

Grid 8

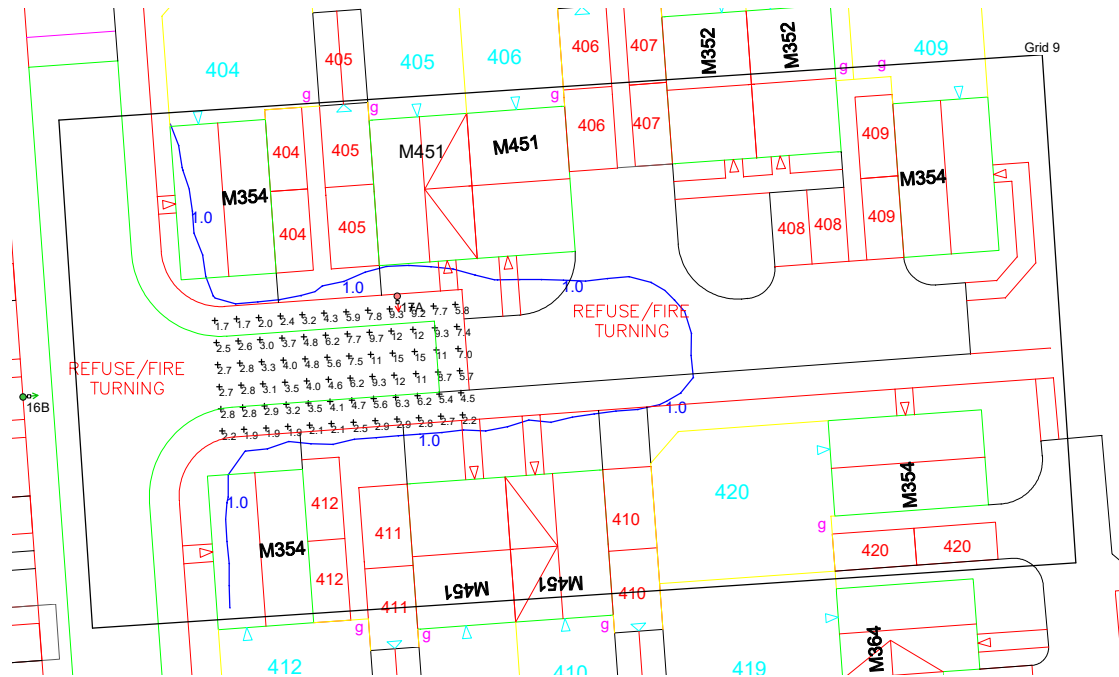


Results

Eav	5.09
Emin	1.04
Emax	11.11
Emin/Emax	0.09
Emin/Eav	0.21

Horizontal Illuminance (lux)

Grid 9



Results

Eav	5.36
Emin	1.70
Emax	15.16
Emin/Emax	0.11
Emin/Eav	0.32