

DATE: 26 November 2025
DESIGNER: M Groves AMILP EngTech
PROJECT No: 20033126
PROJECT NAME: EVO20033126-AC-013-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 18 - P4	536841.93	138753.74	45.17	104.46	1.46	1.45
2	Grid 2 - Road 18 - P4	536850.14	138653.28	45.17	86.31	1.46	1.49
3	Grid 3 - Road 18 - P4	536862.37	138569.00	65.17	36.96	1.48	1.48
4	Grid 4 - Road 19 - P4	536897.38	138701.31	71.58	33.29	1.49	1.45
5	Grid 5 - Road 19 - P4	536899.33	138675.11	32.24	49.62	1.47	1.46
6	Grid 6 - Road 19 - P4	536898.58	138634.95	70.38	33.29	1.50	1.45
7	Grid 7 - Road 23 - P4	536829.65	138632.75	87.88	33.29	1.49	1.45
8	Grid 8 - Road 23 - P4	536744.09	138630.24	87.88	47.30	1.49	1.48
9	Grid 9 - Road 23 - P4	536660.00	138620.30	91.76	42.62	1.48	1.47
10	Grid 10 - Road 23 - P4	536613.94	138725.46	52.54	112.06	1.46	1.49
11	Grid 11 - Road 20 - P4	536782.86	138732.73	45.17	59.62	1.46	1.49
12	Grid 12 - Road 20 - P4	536787.77	138675.19	45.17	61.16	1.46	1.49
13	Grid 13 - Road 21 - P4	536728.74	138726.87	45.17	58.05	1.46	1.49
14	Grid 14 - Road 21 - P4	536728.25	138670.85	45.17	59.27	1.46	1.48
15	Grid 15 - Road 22 - P4	536668.29	138724.06	45.17	64.37	1.46	1.50
16	Grid 16 - Road 22 - P4	536668.78	138662.00	45.17	66.35	1.46	1.47
17	Grid 17 - Road 24 - P4	536753.18	138614.64	45.17	52.08	1.46	1.49
18	Grid 18 - Road 24 - P4	536755.59	138565.10	56.25	27.14	1.48	1.43
19	Grid 19 - Road 25 - P4	536638.47	138599.05	36.02	47.59	1.44	1.49
20	Grid 20 - Road 25 - P4	536649.86	138554.56	53.92	24.13	1.50	1.42

Luminares

Luminaire A Data

Supplier	
Type	AXIA 3.1 5266 Integrated lenses Rear louve rs 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	18

Luminaire B Data

Supplier	
Type	AXIA 3.1 5267 Integrated lenses Rear louve rs 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	16

Luminaire C Data

Supplier	
Type	AXIA 3.1 5296 Integrated lenses Rear louve rs 16 OSLO SQUARE
Lamp(s)	16 OSLO SQUARE GIANT@300mA WW 727 230V 01-11-802
LampFlux(klm)/Colour	1.62 WW 2700K/70
File Name	AXIA 3.1 5296 16 OSLO 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	5

Layout

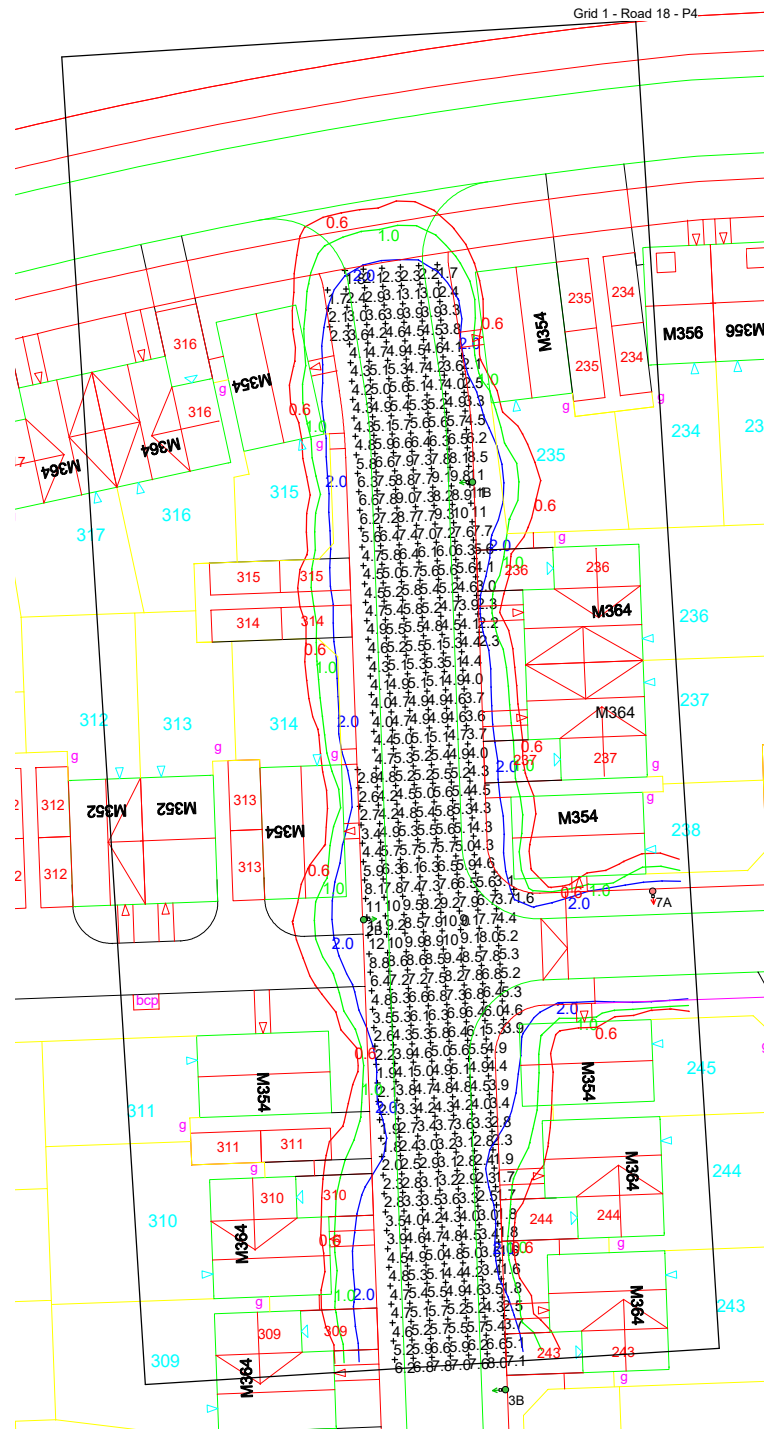
ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
1	B	536829.10	138717.52	6.00	183.00	0.00	0.00	0.40	100%			
2	B	536820.57	138683.14	6.00	5.00	0.00	0.00	0.40	100%			
3	B	536831.69	138646.24	6.00	184.00	0.00	0.00	0.40	100%			
4	B	536823.28	138608.11	6.00	1.00	0.00	0.00	0.40	100%			
5	B	536824.71	138572.41	6.00	2.00	0.00	0.00	0.40	100%			
6	A	536833.75	138550.82	6.00	92.00	0.00	0.00	0.40	80%			
7	A	536843.25	138685.39	6.00	274.00	0.00	0.00	0.40	60%			
8	A	536875.82	138686.59	6.00	273.00	0.00	0.00	0.40	60%			
9	A	536888.74	138672.78	6.00	181.00	0.00	0.00	0.40	60%			
10	A	536888.81	138644.06	6.00	183.00	0.00	0.00	0.40	75%			
11	A	536878.78	138615.01	6.00	93.00	0.00	0.00	0.40	75%			
12	A	536839.62	138621.79	6.00	274.00	0.00	0.00	0.40	75%			
13	B	536808.76	138620.63	6.00	273.00	0.00	0.00	0.40	100%			
14	B	536774.67	138619.49	6.00	274.00	0.00	0.00	0.40	100%			
15	B	536736.97	138608.76	6.00	95.00	0.00	0.00	0.40	100%			
16	B	536700.42	138605.95	6.00	104.00	0.00	0.00	0.40	100%			
17	B	536661.51	138605.82	6.00	282.00	0.00	0.00	0.40	100%			
18	B	536632.45	138593.55	6.00	98.00	0.00	0.00	0.40	100%			
19	B	536594.19	138590.49	6.00	87.00	0.00	0.00	0.40	100%			
20	A	536589.70	138614.40	6.00	176.00	0.00	0.00	0.40	70%			
21	A	536592.28	138643.75	6.00	175.00	0.00	0.00	0.40	70%			
22	A	536592.94	138684.03	6.00	183.00	0.00	0.00	0.40	70%			
23	A	536593.25	138711.08	6.00	181.00	0.00	0.00	0.40	70%			
24	B	536755.27	138703.88	6.00	12.00	0.00	0.00	0.40	100%			
25	A	536767.66	138670.56	6.00	183.00	0.00	0.00	0.40	75%			
26	B	536771.56	138638.90	6.00	182.00	0.00	0.00	0.40	75%			
27	B	536701.35	138699.65	6.00	1.00	0.00	0.00	0.40	90%			
28	A	536710.46	138671.08	6.00	182.00	0.00	0.00	0.40	90%			
29	B	536711.20	138631.39	6.00	183.00	0.00	0.00	0.40	100%			
30	C	536650.73	138698.89	6.00	181.00	0.00	0.00	0.40	80%			
31	C	536650.73	138671.86	6.00	183.00	0.00	0.00	0.40	80%			
32	C	536650.75	138639.70	6.00	179.00	0.00	0.00	0.40	80%			
33	A	536651.73	138614.14	6.00	181.00	0.00	0.00	0.40	80%			
34	A	536726.31	138595.30	6.00	5.00	0.00	0.00	0.40	75%			
35	C	536733.72	138569.02	6.00	183.00	0.00	0.00	0.40	75%			
36	A	536729.38	138548.51	6.00	90.00	0.00	0.00	0.40	75%			

Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
37	A	536617.80	138579.15	6.00	7.00	0.00	0.00	0.40	55%			
38	C	536626.06	138558.88	6.00	186.00	0.00	0.00	0.40	55%			
39	A	536628.35	138539.08	6.00	96.00	0.00	0.00	0.40	60%			

Horizontal Illuminance (lux)

Grid 1 - Road 18 - P4

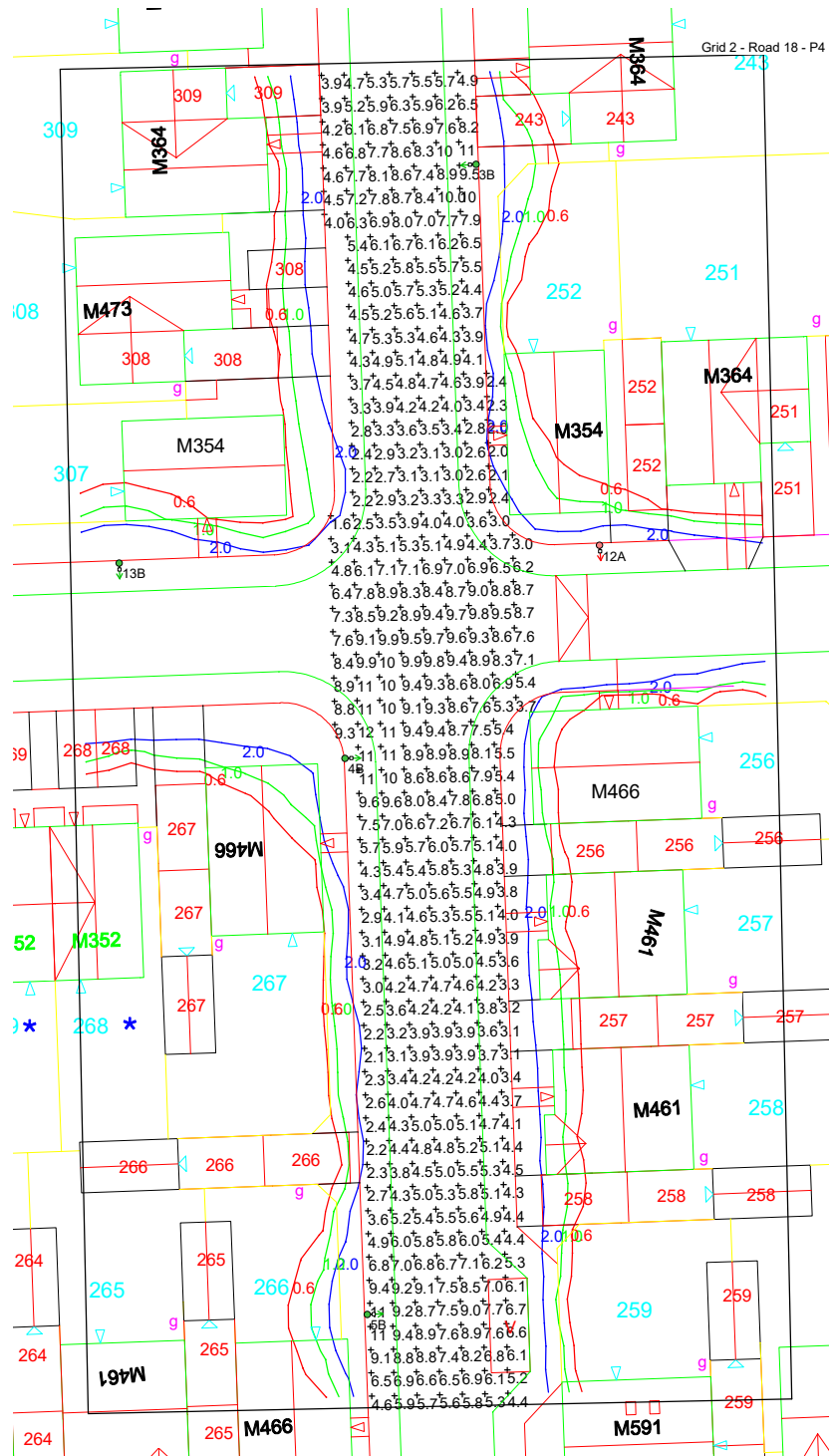


Results

Eav	5.17
Emin	1.59
Emax	11.51
Emin/Emax	0.14
Emin/Eav	0.31

Horizontal Illuminance (lux)

Grid 2 - Road 18 - P4

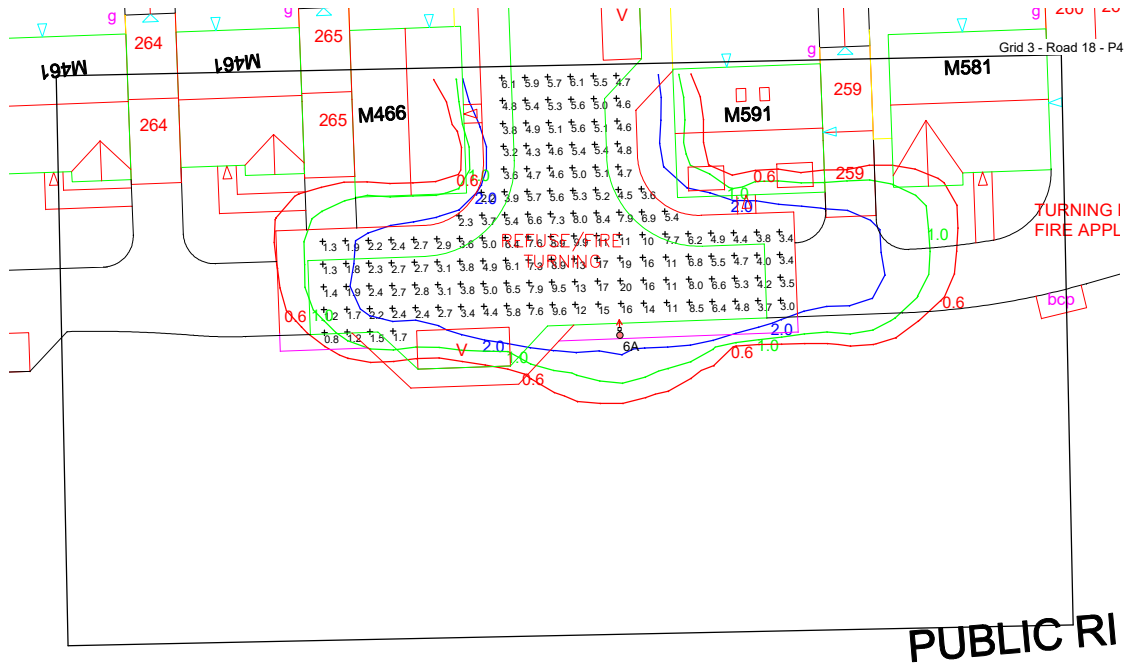


Results

Eav	5.89
Emin	1.63
Emax	11.80
Emin/Emax	0.14
Emin/Eav	0.28

Horizontal Illuminance (lux)

Grid 3 - Road 18 - P4

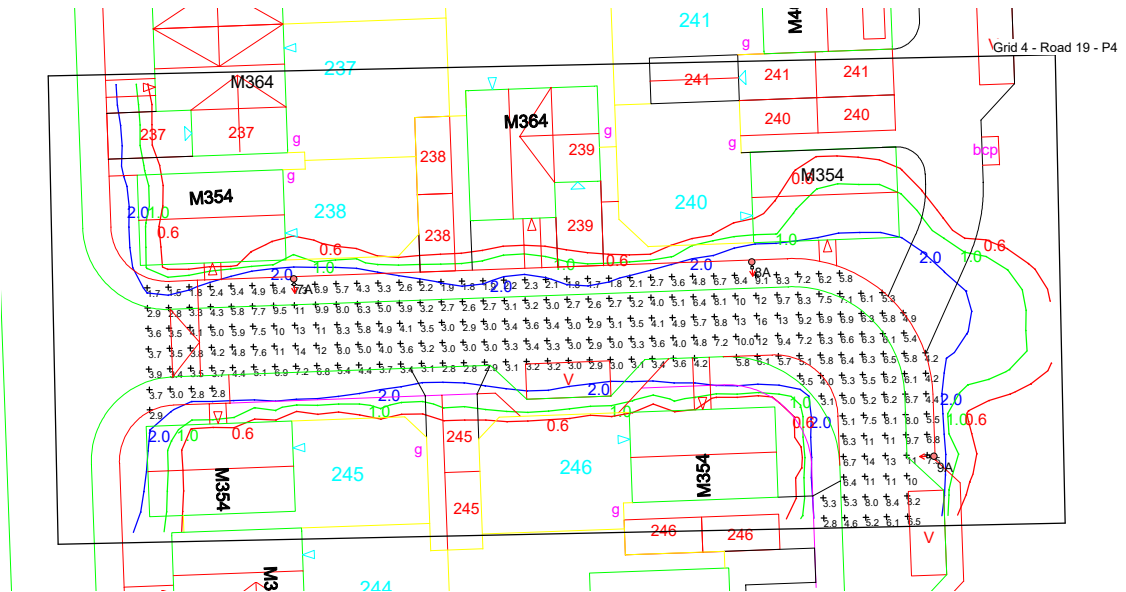


Results

Eav	5.92
Emin	0.80
Emax	19.85
Emin/Emax	0.04
Emin/Eav	0.14

Horizontal Illuminance (lux)

Grid 4 - Road 19 - P4

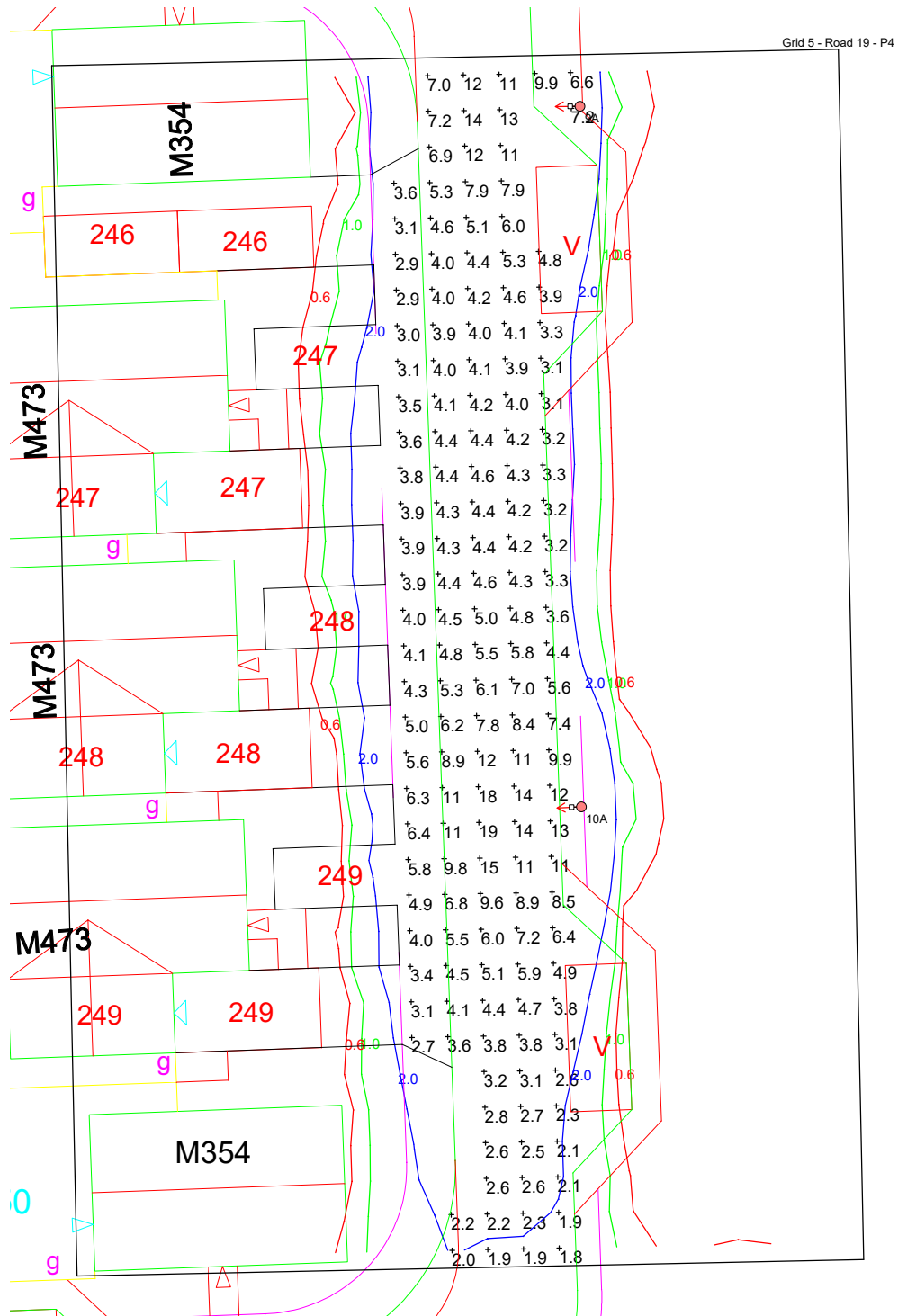


Results

Eav	5.47
Emin	1.50
Emax	15.59
Emin/Emax	0.10
Emin/Eav	0.27

Horizontal Illuminance (lux)

Grid 5 - Road 19 - P4

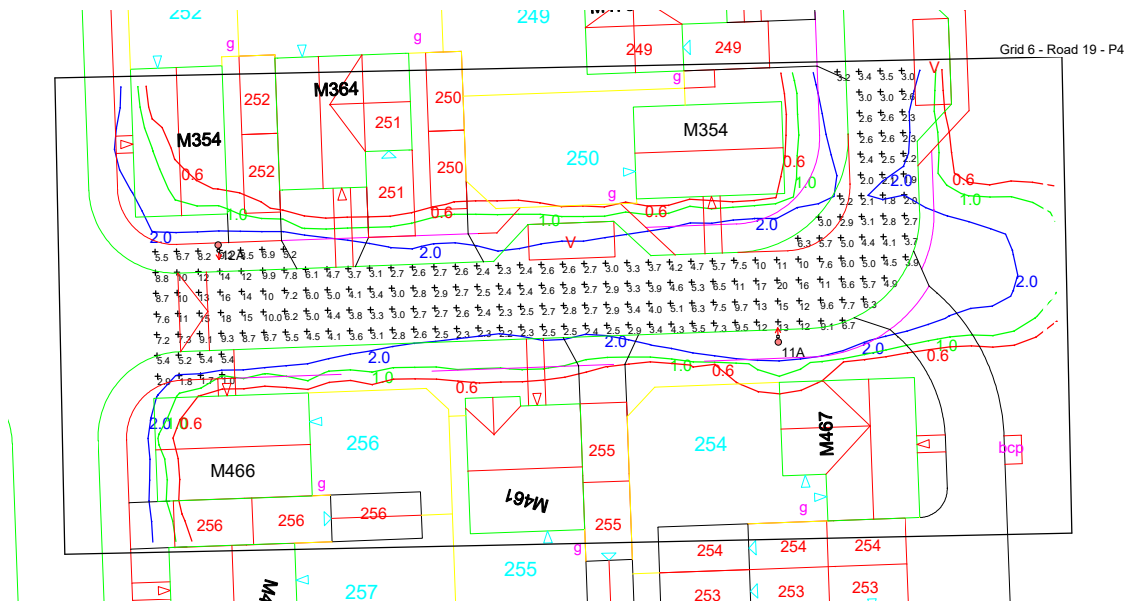


Results

Eav	5.60
Emin	1.84
Emax	19.12
Emin/Emax	0.10
Emin/Eav	0.33

Horizontal Illuminance (lux)

Grid 6 - Road 19 - P4

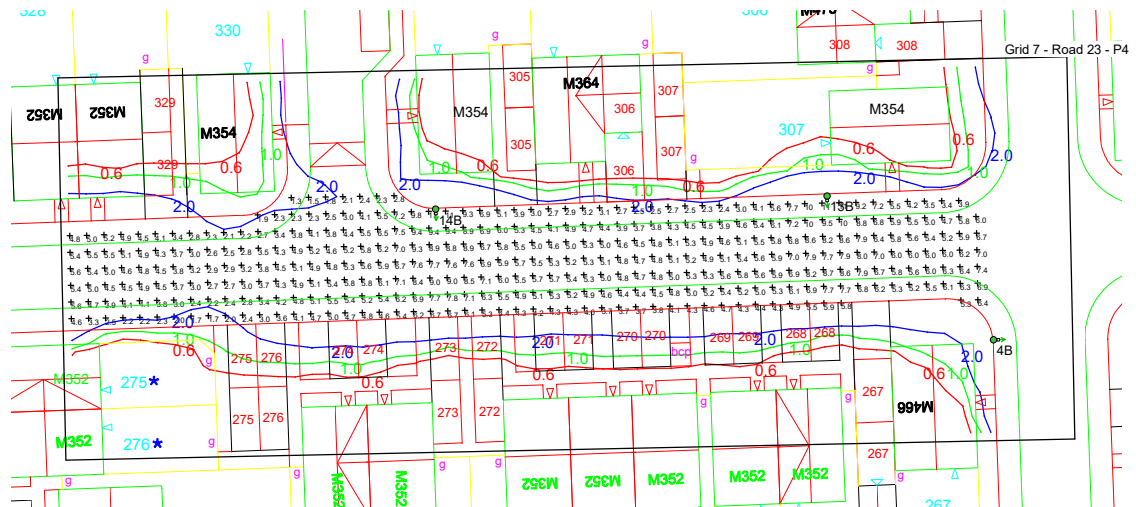


Results

Eav	5.57
Emin	1.02
Emax	19.72
Emin/Emax	0.05
Emin/Eav	0.18

Horizontal Illuminance (lux)

Grid 7 - Road 23 - P4

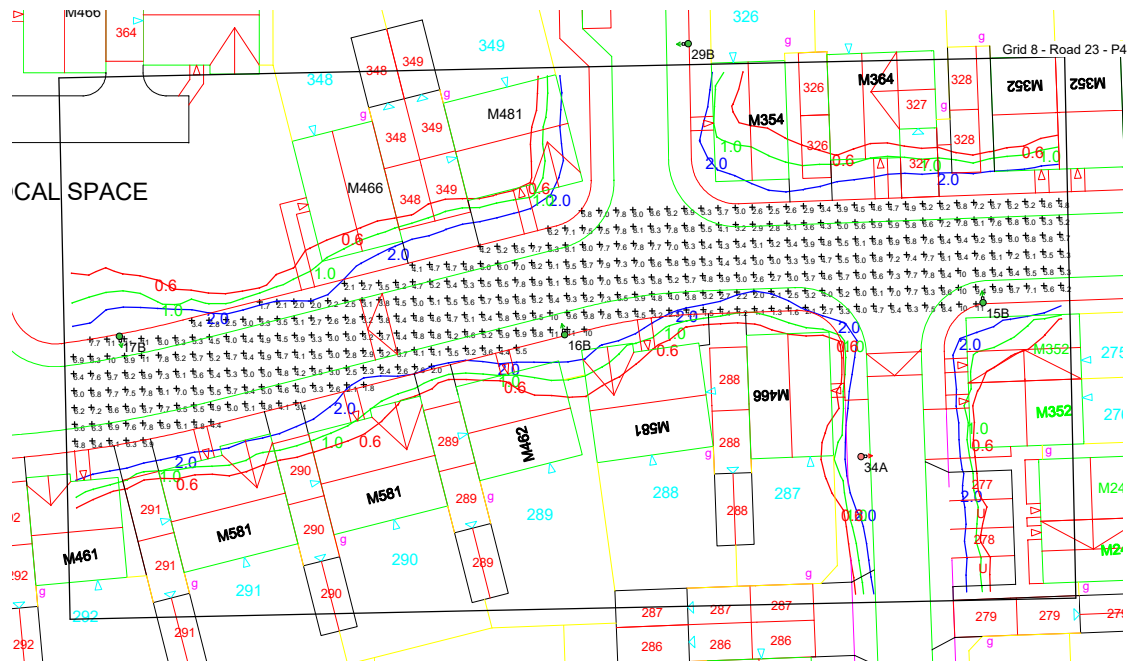


Results

Eav	5.22
Emin	1.28
Emax	11.35
Emin/Emax	0.11
Emin/Eav	0.25

Horizontal Illuminance (lux)

Grid 8 - Road 23 - P4

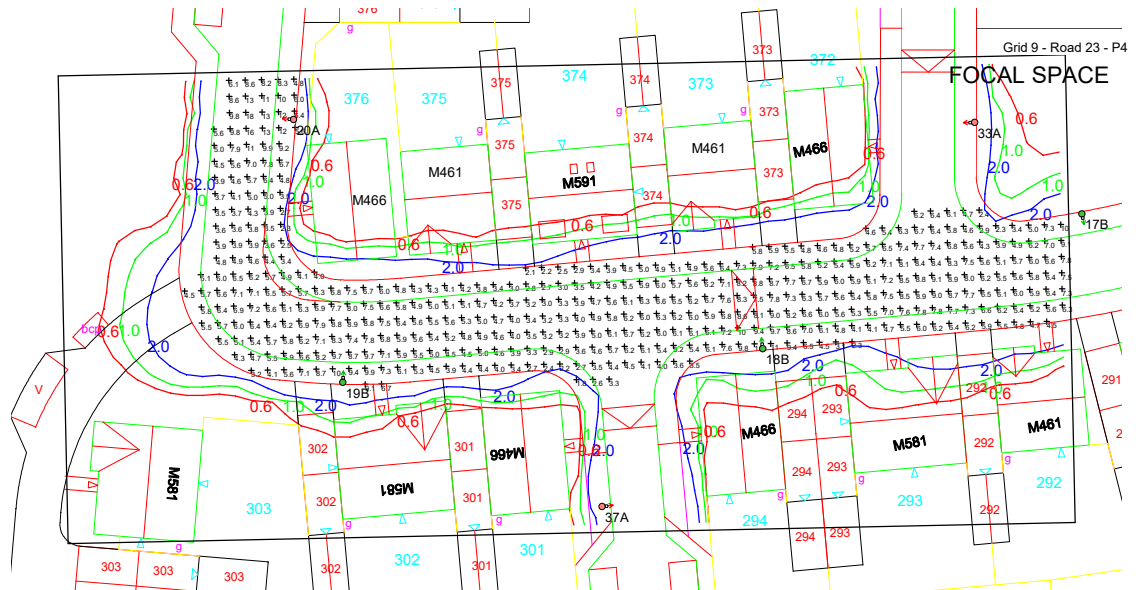


Results

Eav	5.63
Emin	1.13
Emax	11.22
Emin/Emax	0.10
Emin/Eav	0.20

Horizontal Illuminance (lux)

Grid 9 - Road 23 - P4

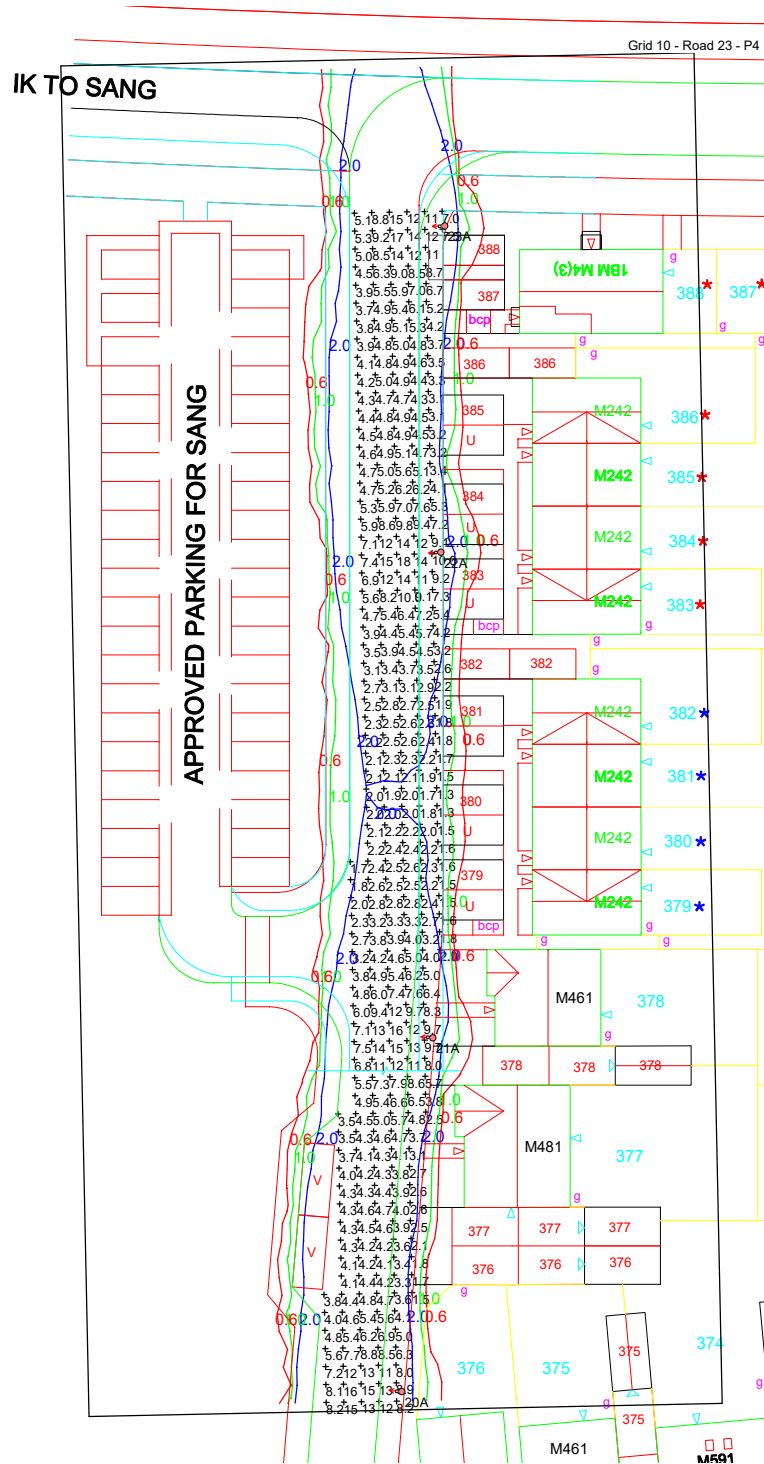


Results

Eav	5.99
Emin	1.80
Emax	17.74
Emin/Emax	0.10
Emin/Eav	0.30

Horizontal Illuminance (lux)

Grid 10 - Road 23 - P4

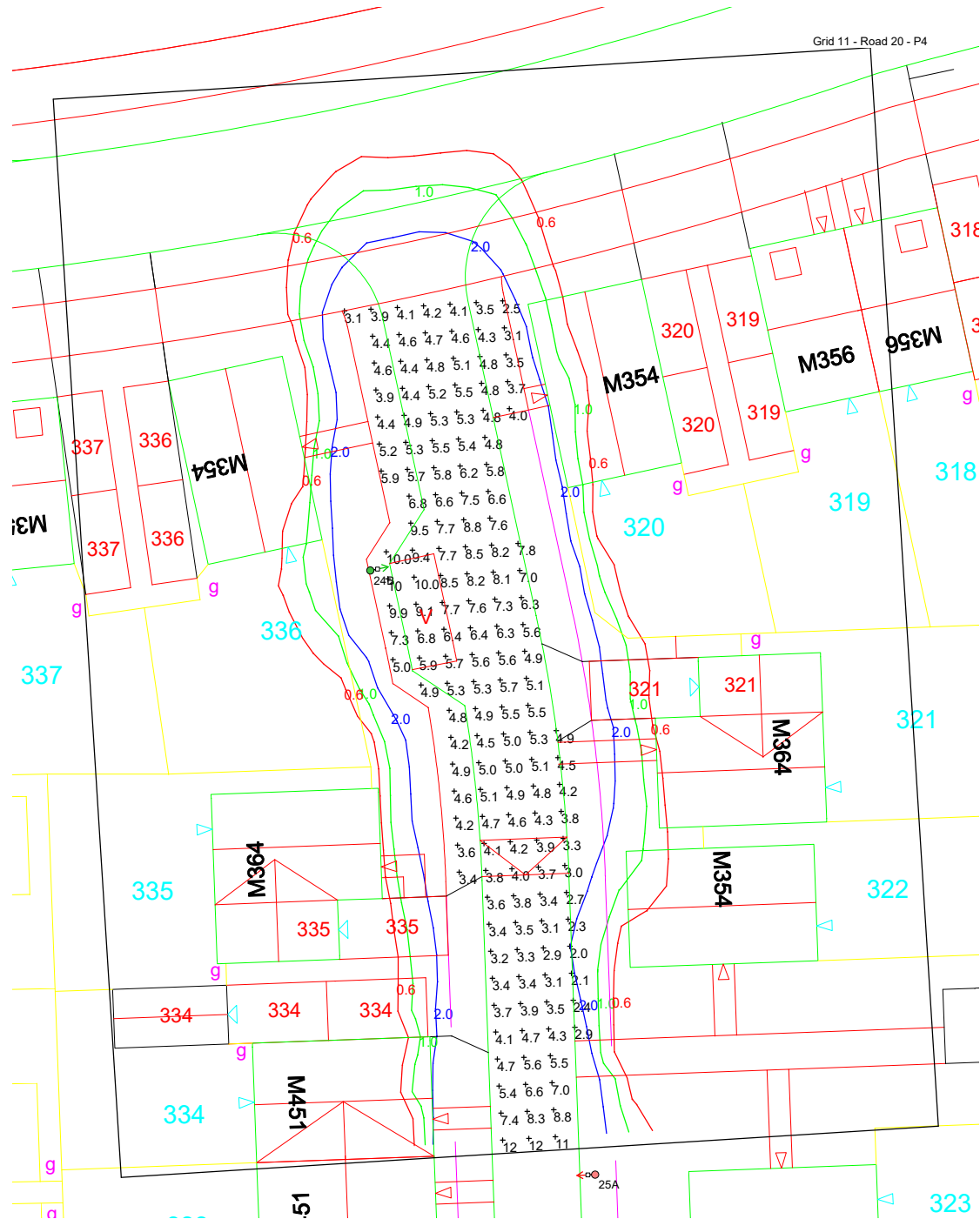


Results

Eav	5.45
Emin	1.30
Emax	17.70
Emin/Emax	0.07
Emin/Eav	0.24

Horizontal Illuminance (lux)

Grid 11 - Road 20 - P4

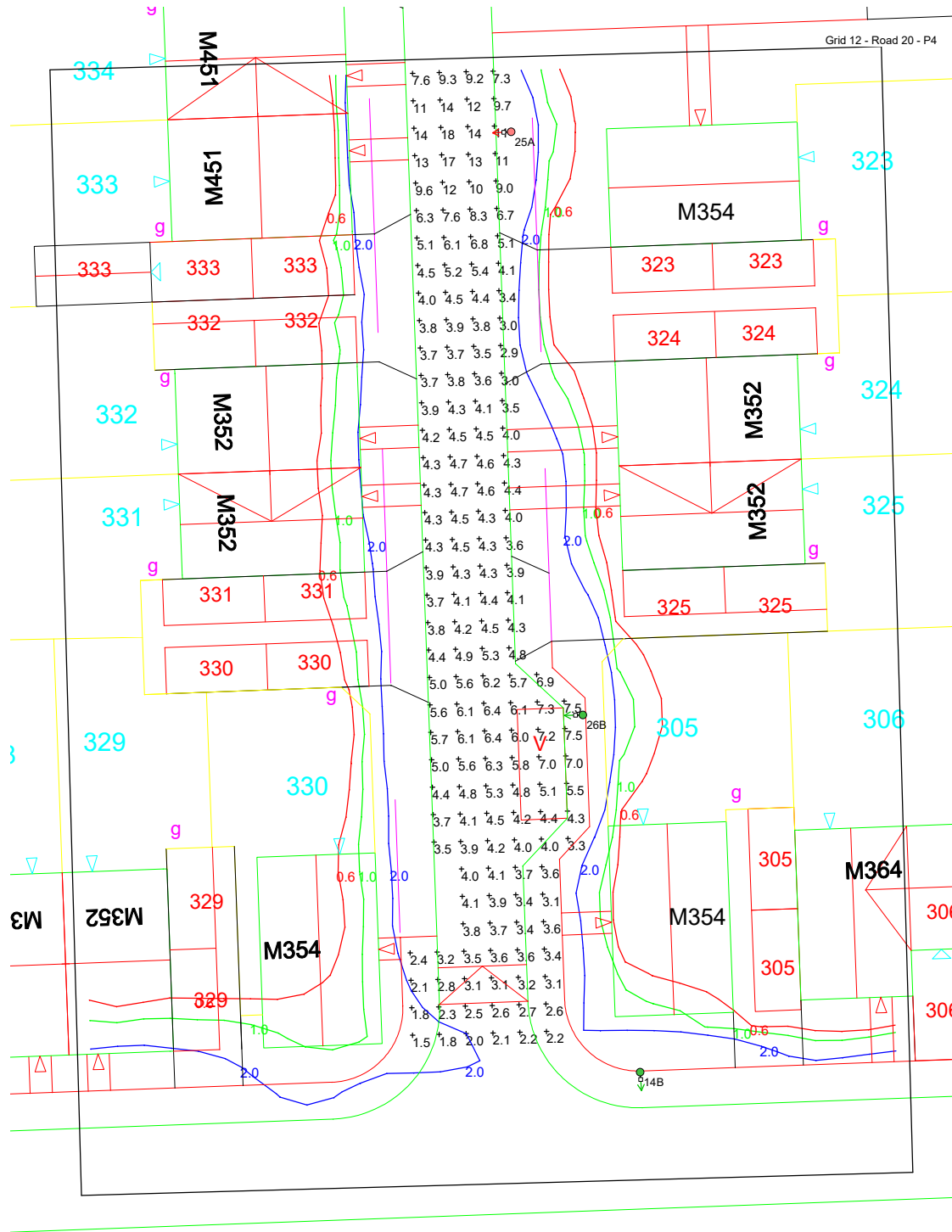


Results

Eav	5.35
Emin	2.02
Emax	12.35
Emin/Emax	0.16
Emin/Eav	0.38

Horizontal Illuminance (lux)

Grid 12 - Road 20 - P4

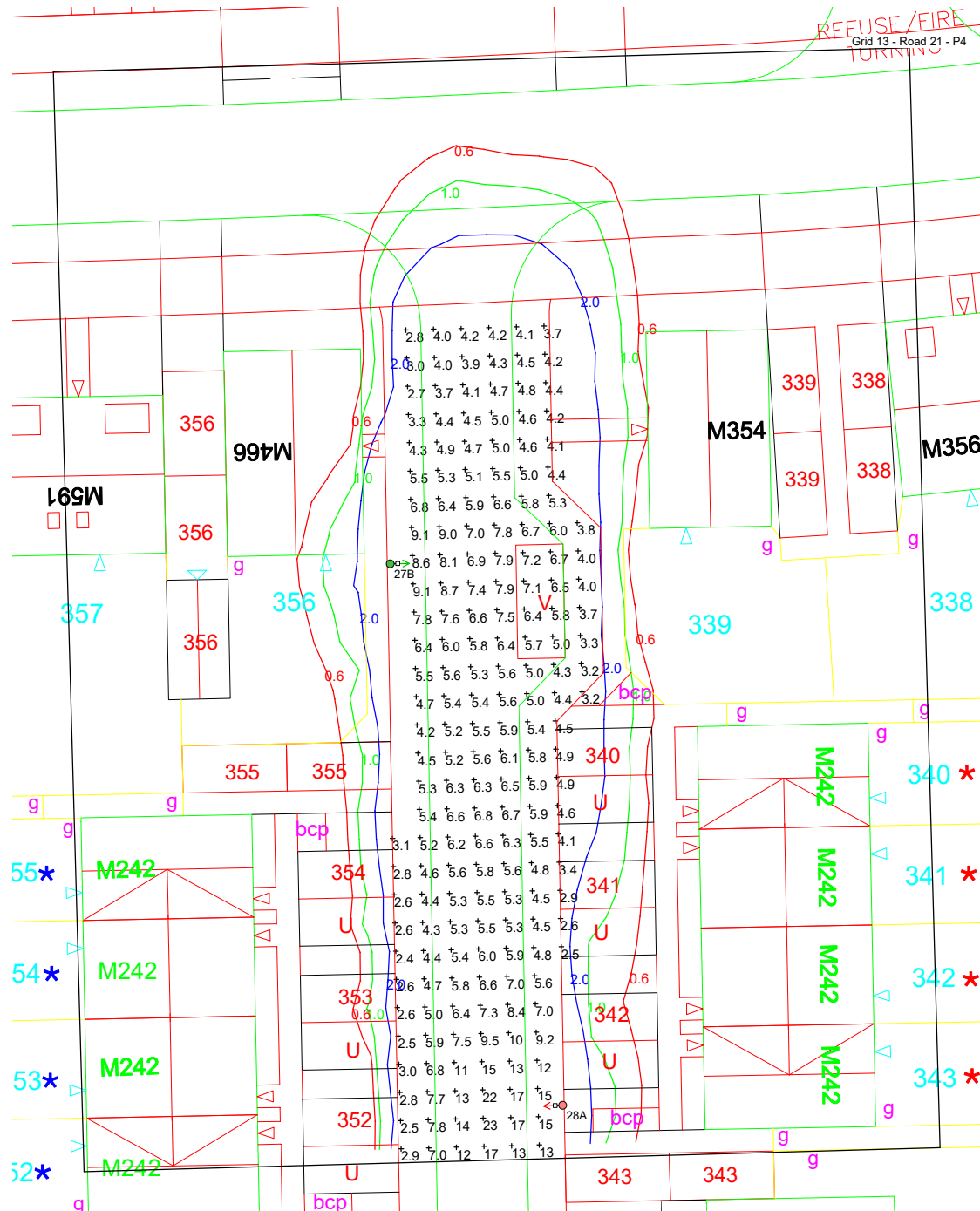


Results

Eav	5.24
Emin	1.51
Emax	18.31
Emin/Emax	0.08
Emin/Eav	0.29

Horizontal Illuminance (lux)

Grid 13 - Road 21 - P4

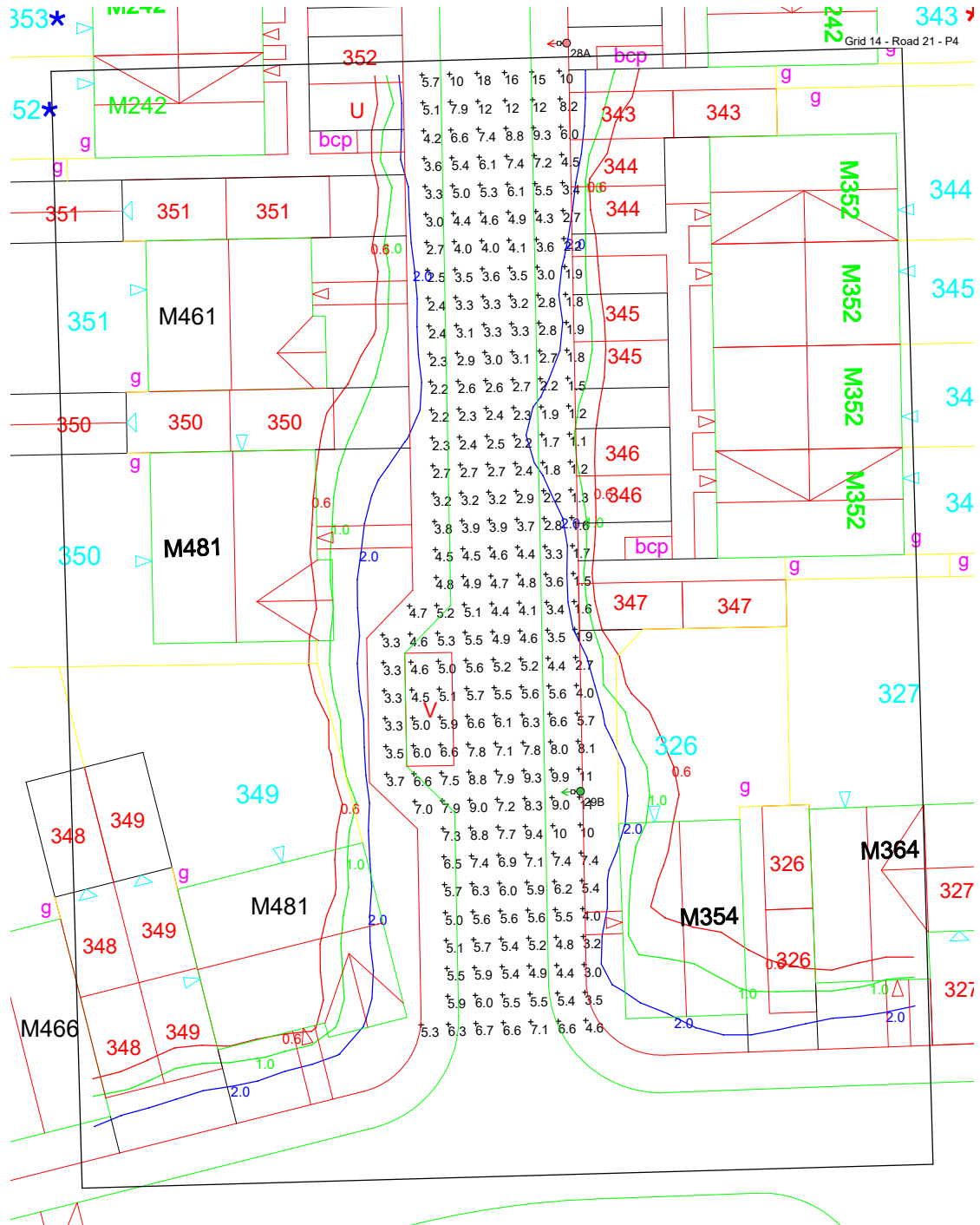


Results

Eav	6.16
Emin	2.37
Emax	22.72
Emin/Emax	0.10
Emin/Eav	0.38

Horizontal Illuminance (lux)

Grid 14 - Road 21 - P4

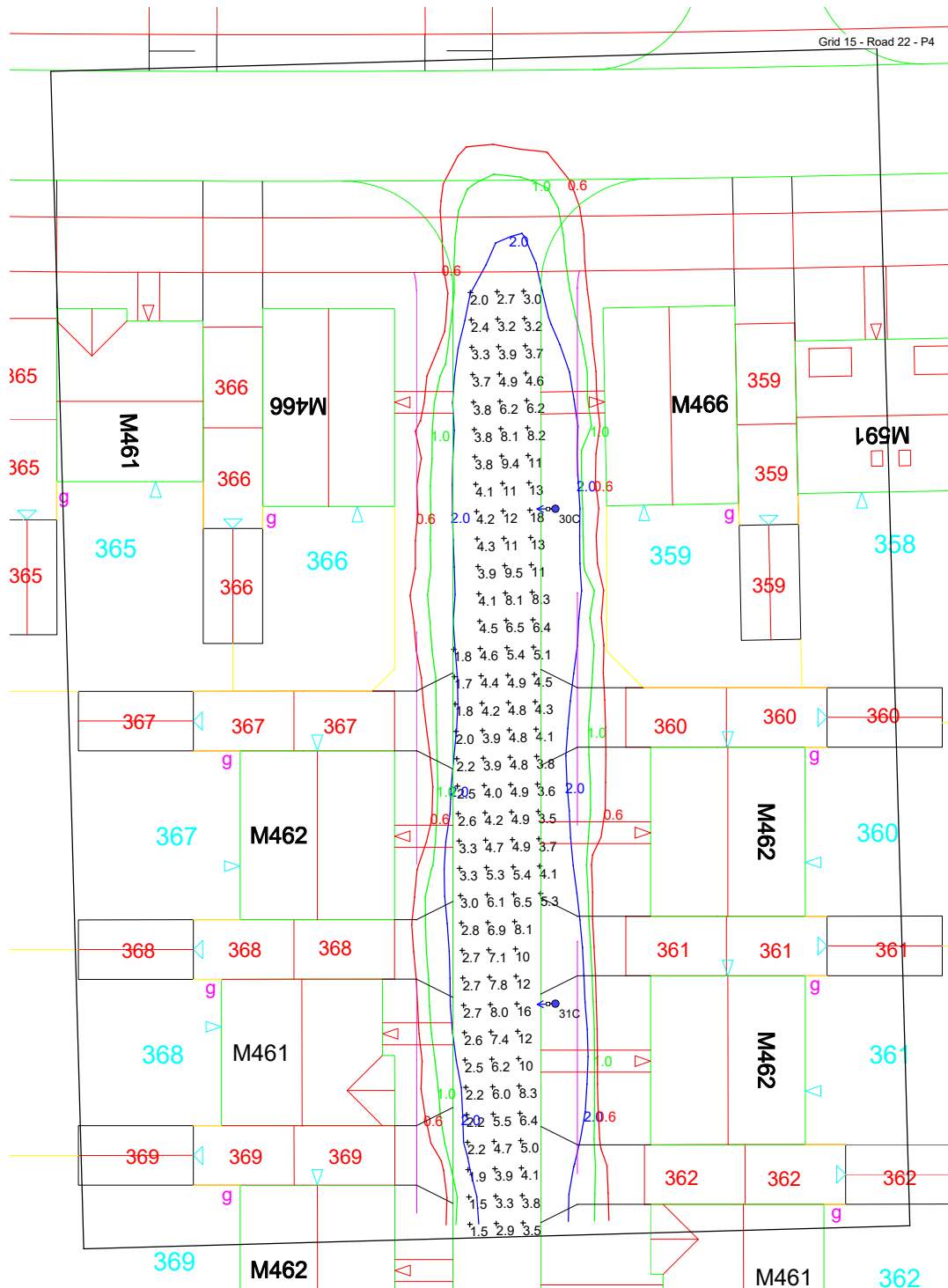


Results

Eav	5.08
Emin	1.10
Emax	17.51
Emin/Emax	0.06
Emin/Eav	0.22

Horizontal Illuminance (lux)

Grid 15 - Road 22 - P4

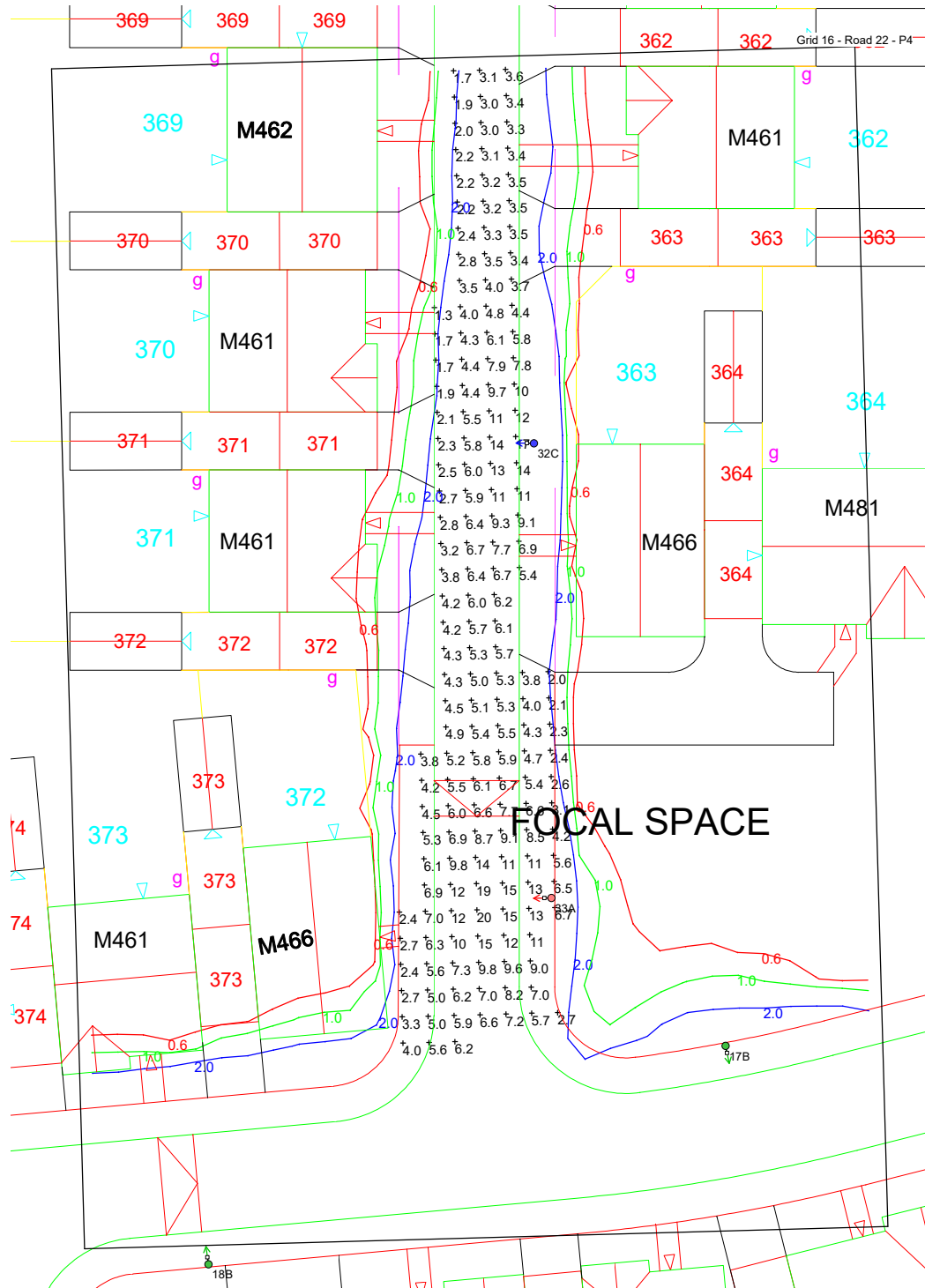


Results

Eav	5.32
Emin	1.46
Emax	17.63
Emin/Emax	0.08
Emin/Eav	0.27

Horizontal Illuminance (lux)

Grid 16 - Road 22 - P4

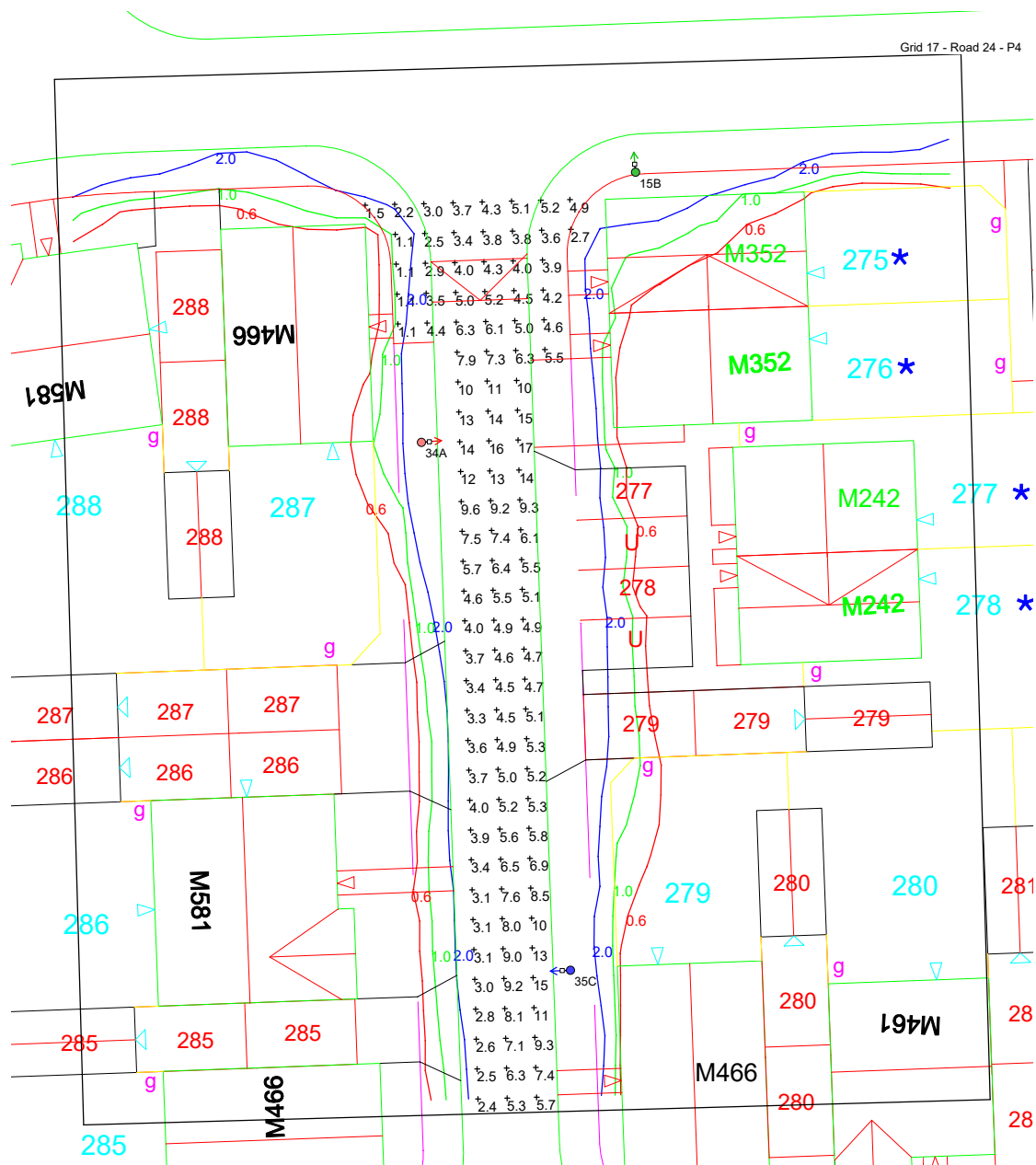


Results

Eav	6.12
Emin	1.35
Emax	20.05
Emin/Emax	0.07
Emin/Eav	0.22

Horizontal Illuminance (lux)

Grid 17 - Road 24 - P4

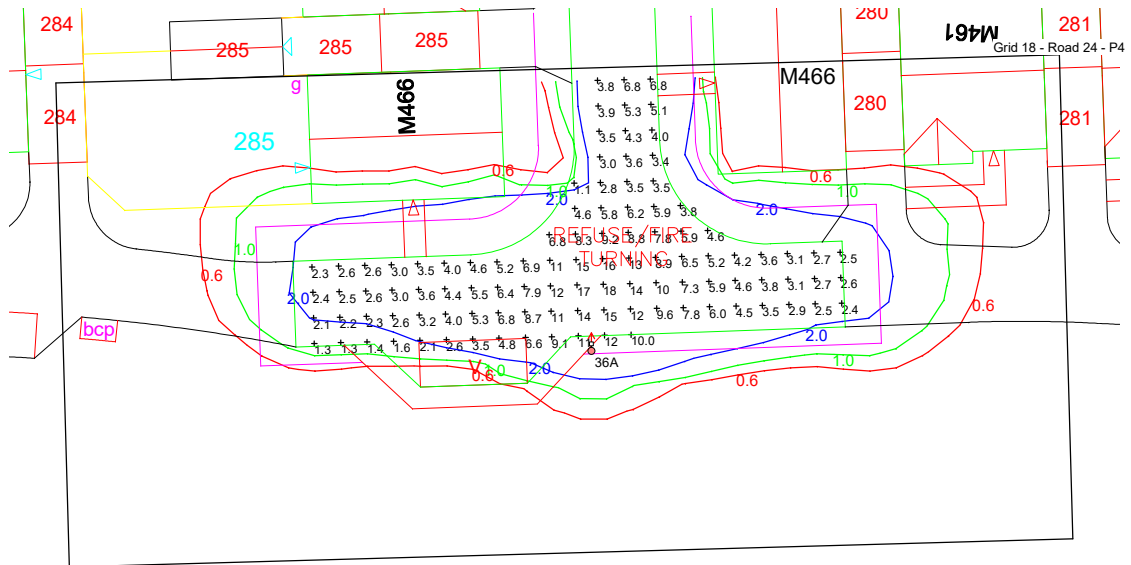


Results

Eav	6.06
Emin	1.05
Emax	17.31
Emin/Emax	0.06
Emin/Eav	0.17

Horizontal Illuminance (lux)

Grid 18 - Road 24 - P4

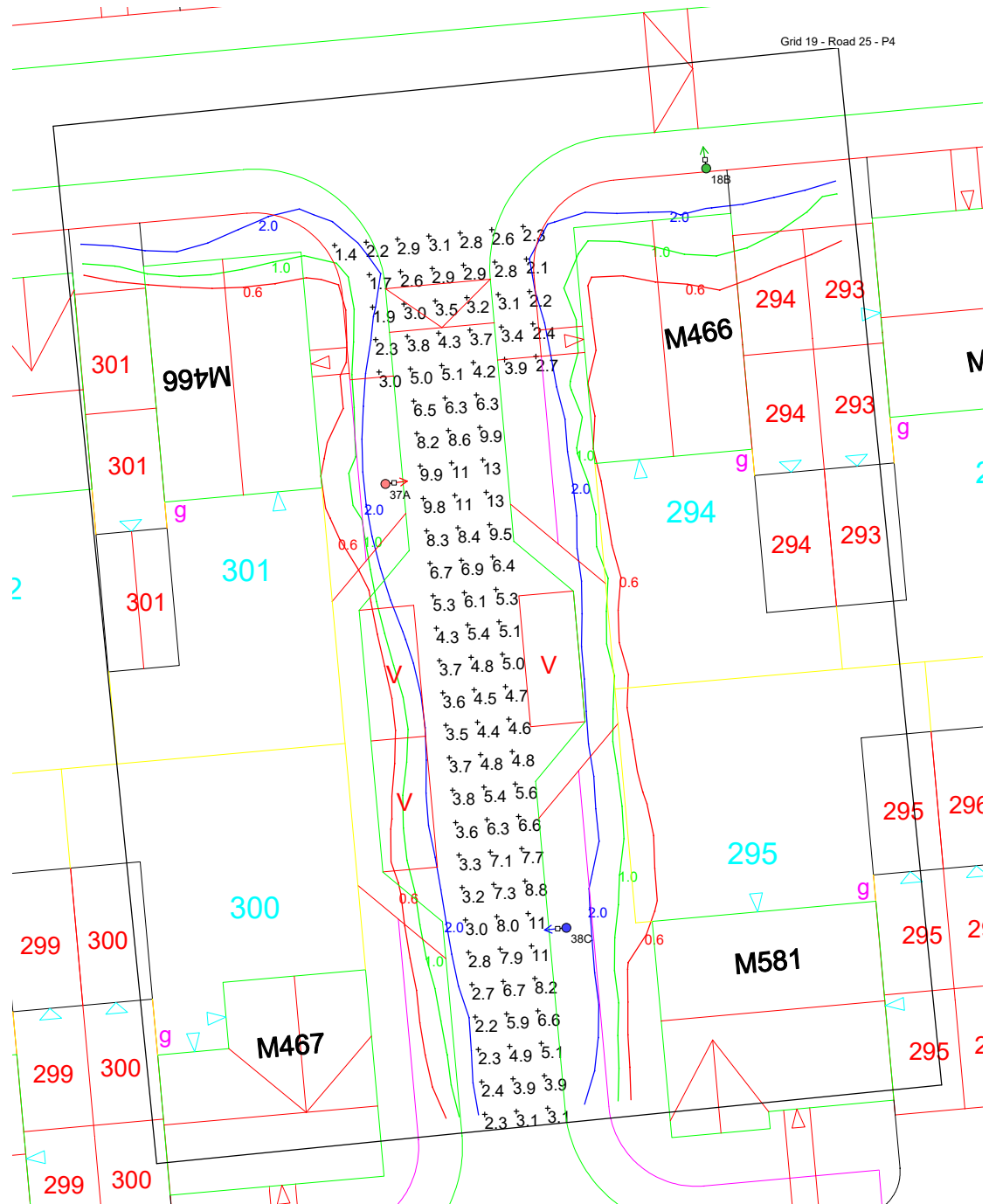


Results

Eav	5.80
Emin	1.07
Emax	18.26
Emin/Emax	0.06
Emin/Eav	0.18

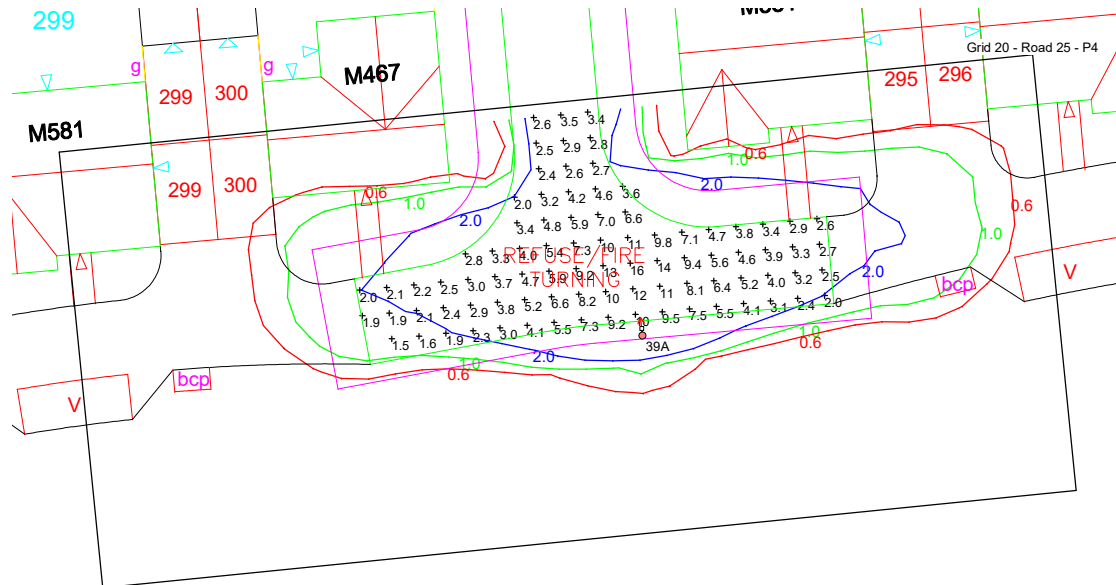
Horizontal Illuminance (lux)

Grid 19 - Road 25 - P4



Horizontal Illuminance (lux)

Grid 20 - Road 25 - P4



Results

Eav	5.08
Emin	1.49
Emax	16.41
Emin/Emax	0.09
Emin/Eav	0.29