DATE:	**17 November 2025**
DESIGNER:	**M Groves AMILP EngTech**
PROJECT No:	**20038178**
PROJECT NAME:	**EVO20038178-AC-001-A**

Land West of Sayers Common

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 01 - P5	526269.44	118065.20	43.19	75.98	1.49	1.49
2	Grid 2 - Road 01 - P5	526221.25	118103.93	49.81	60.18	1.46	1.47
3	Grid 3 - Road 01 - P5	526192.26	118101.08	31.56	60.18	1.43	1.47
4	Grid 4 - Road 01 - P5	526187.66	118057.38	49.49	45.20	1.50	1.46
5	Grid 5	526264.34	118114.58	37.45	57.91	1.50	1.48
6	Grid 6	526266.57	118170.42	37.45	61.56	1.50	1.47
7	Grid 7	526266.27	118230.37	50.26	59.43	1.48	1.49
8	Grid 8	526220.63	118287.85	97.13	39.20	1.49	1.45
9	Grid 9	526225.99	118200.55	56.56	45.22	1.49	1.46
10	Grid 10	526196.69	118214.10	33.70	83.42	1.47	1.49
11	Grid 11	526163.67	117984.57	52.19	88.55	1.49	1.48

Luminaires

Luminaire A Data

Supplier	
Type	AXIA 3.1 5266 Integrated lenses Rear louvers 16 OSLON SQUARE
Lamp(s)	16 OSLON SQUARE GIANT@200mA WW 727 230V 01-11-802
LampFlux(klm)/Colour	1.13 WW 2700K/70
File Name	AXIA 3.1 5266 16 OSLON SQUARE GIANT Drv 200mA WW 727 10.8W 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 louvers 16 OSLON SQUARE
Lamp(s)	16 OSLON SQUARE GIANT@300mA WW 727 230V 01-11-802
LampFlux(klm)/Colour	1.48 WW 2700K/70
File Name	AXIA 3.1 5267 16 OSLON SQUARE GIANT Drv 300mA WW 727 15.5W 457672 Integra...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	1281.8, 174.5, 0.0
No. in Project	4

Luminaire C Data

Supplier	
Type	AXIA 3.1 5266 Integrated lenses Front-Rear louvers 8 OSLON SQ
Lamp(s)	8 OSLON SQUARE GIANT@400mA WW 727 230V 01-11-802
LampFlux(klm)/Colour	0.94 WW 2700K/70
File Name	AXIA 3.1 5266 8 OSLON SQUARE GIANT Drv 400mA WW 727 10.6W 432032 Integra...
Maintenance Factor	0.87
Imax70,80,90(cd/klm)	1493.9, 159.9, 0.0
No. in Project	2

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	526288.23	118082.48	6.00	32.00	0.00	0.00	0.40			
2	C	526183.06	118020.93	6.00	317.00	0.00	0.00	0.50			
3	A	526286.98	118113.03	6.00	214.00	0.00	0.00	0.40			
4	A	526259.46	118131.79	6.00	242.00	0.00	0.00	0.40			
5	A	526227.59	118147.74	6.00	249.00	0.00	0.00	0.40			
6	A	526209.75	118141.64	6.00	324.00	0.00	0.00	0.40			
7	A	526204.77	118106.38	6.00	5.00	0.00	0.00	0.40			
8	A	526202.29	118073.56	6.00	336.00	0.00	0.00	0.40			
9	B	526281.68	118138.31	6.00	332.00	0.00	0.00	0.40			
10	C	526183.37	118040.68	6.00	342.00	0.00	0.00	0.50			
11	B	526281.55	118162.98	6.00	3.00	0.00	0.00	0.40			
12	B	526279.10	118198.29	6.00	5.00	0.00	0.00	0.40			
13	B	526288.22	118223.73	6.00	179.00	0.00	0.00	0.40			
14	A	526285.73	118243.37	6.00	338.00	0.00	0.00	0.40			
15	A	526305.58	118273.13	6.00	180.00	0.00	0.00	0.40			
16	A	526300.13	118305.71	6.00	208.00	0.00	0.00	0.40			
17	A	526275.53	118314.54	6.00	280.00	0.00	0.00	0.40			
18	A	526247.02	118301.54	6.00	102.00	0.00	0.00	0.40			
19	A	526264.85	118299.17	6.00	190.00	0.00	0.00	0.40			
20	A	526271.69	118218.36	6.00	90.00	0.00	0.00	0.40			
21	A	526237.27	118223.58	6.00	72.00	0.00	0.00	0.40			
22	A	526214.65	118237.48	6.00	353.00	0.00	0.00	0.40			
23	A	526219.74	118259.25	6.00	191.00	0.00	0.00	0.40			
24	A	526208.27	118281.97	6.00	9.00	0.00	0.00	0.40			

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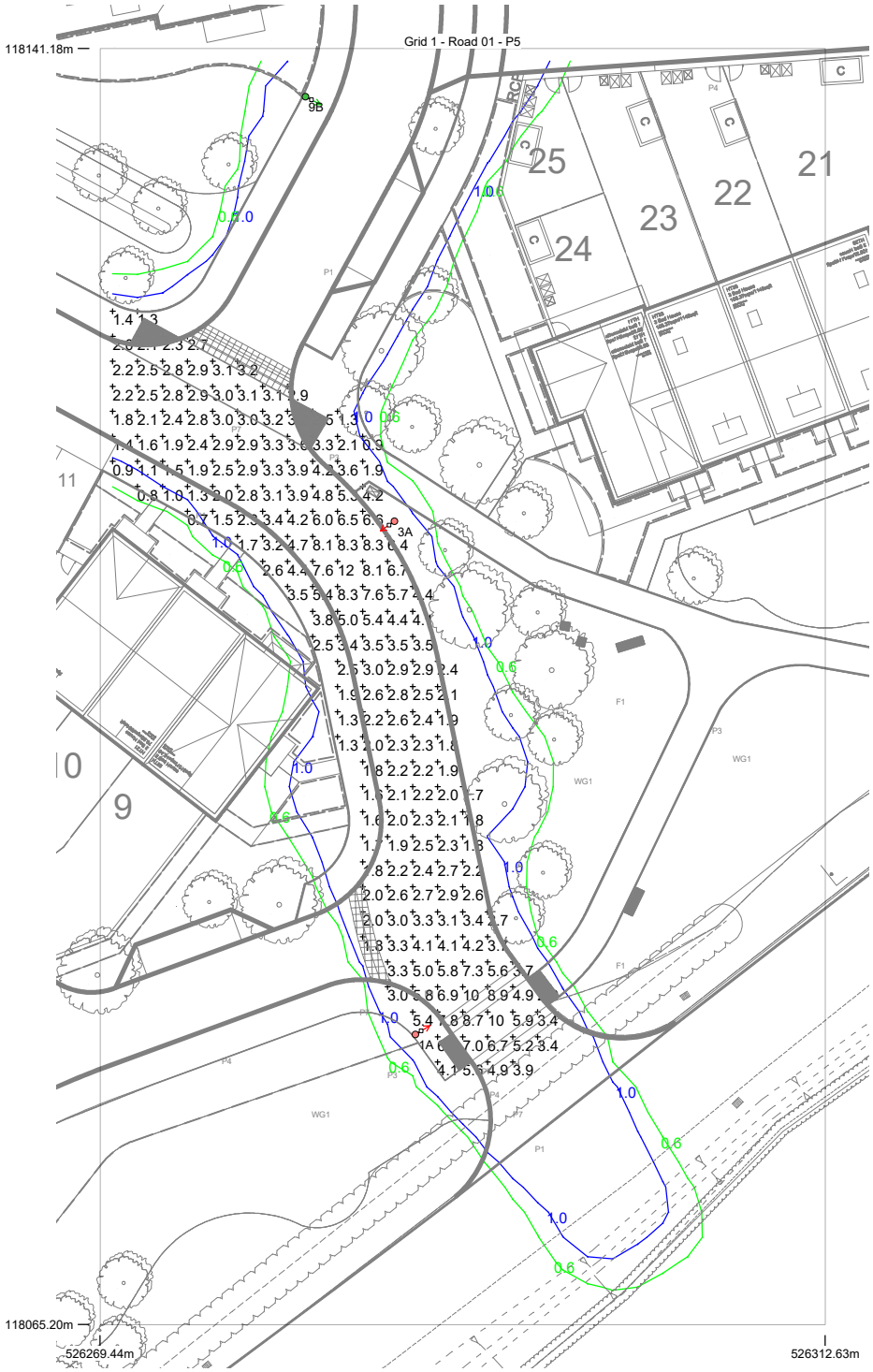
Horizontal Illuminance (lux)

Grid 1 - Road 01 - P5



Results

Eav	3.48
Emin	0.72
Emax	11.76
Emin/Emax	0.06
Emin/Eav	0.21

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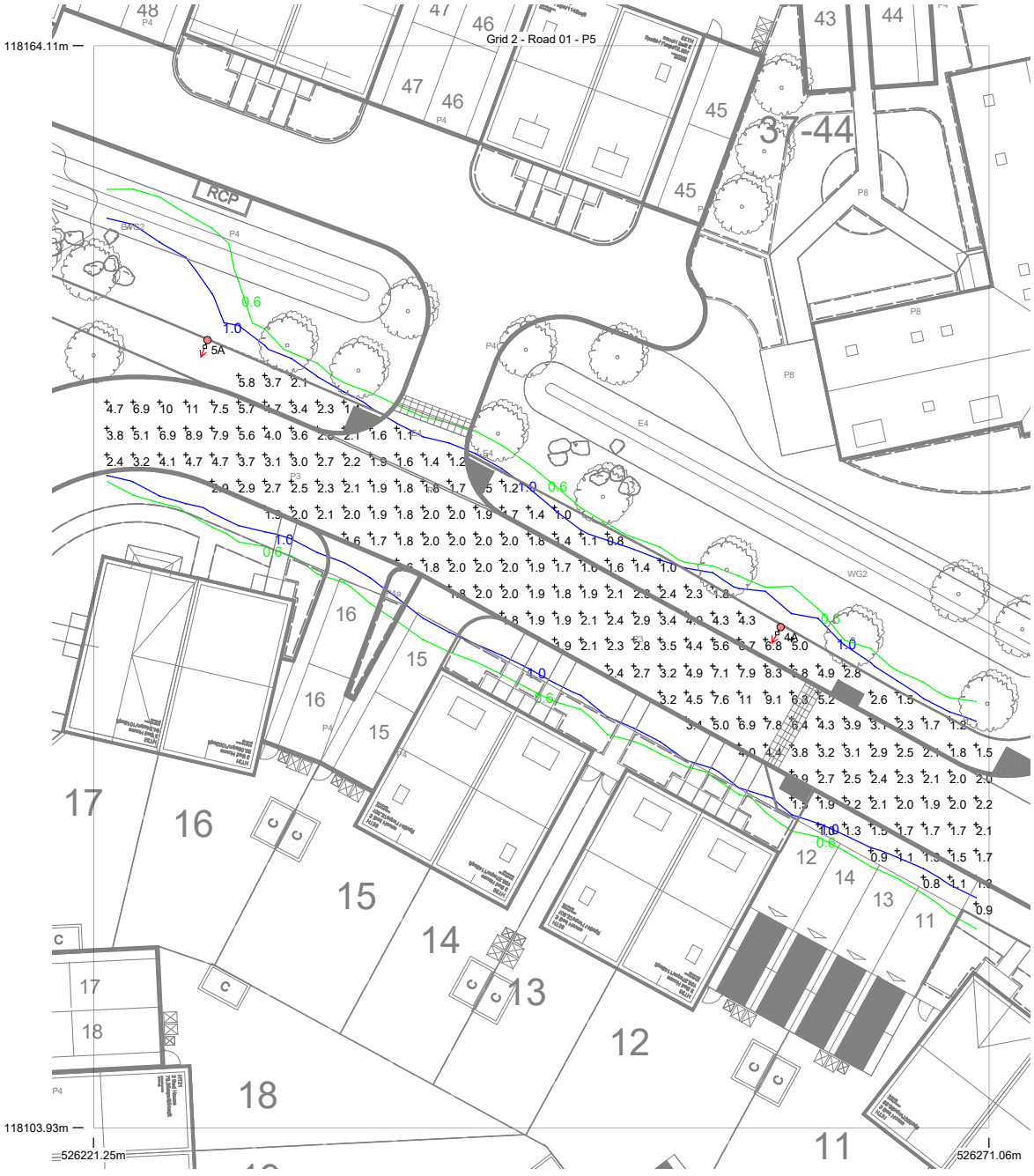
Horizontal Illuminance (lux)

Grid 2 - Road 01 - P5

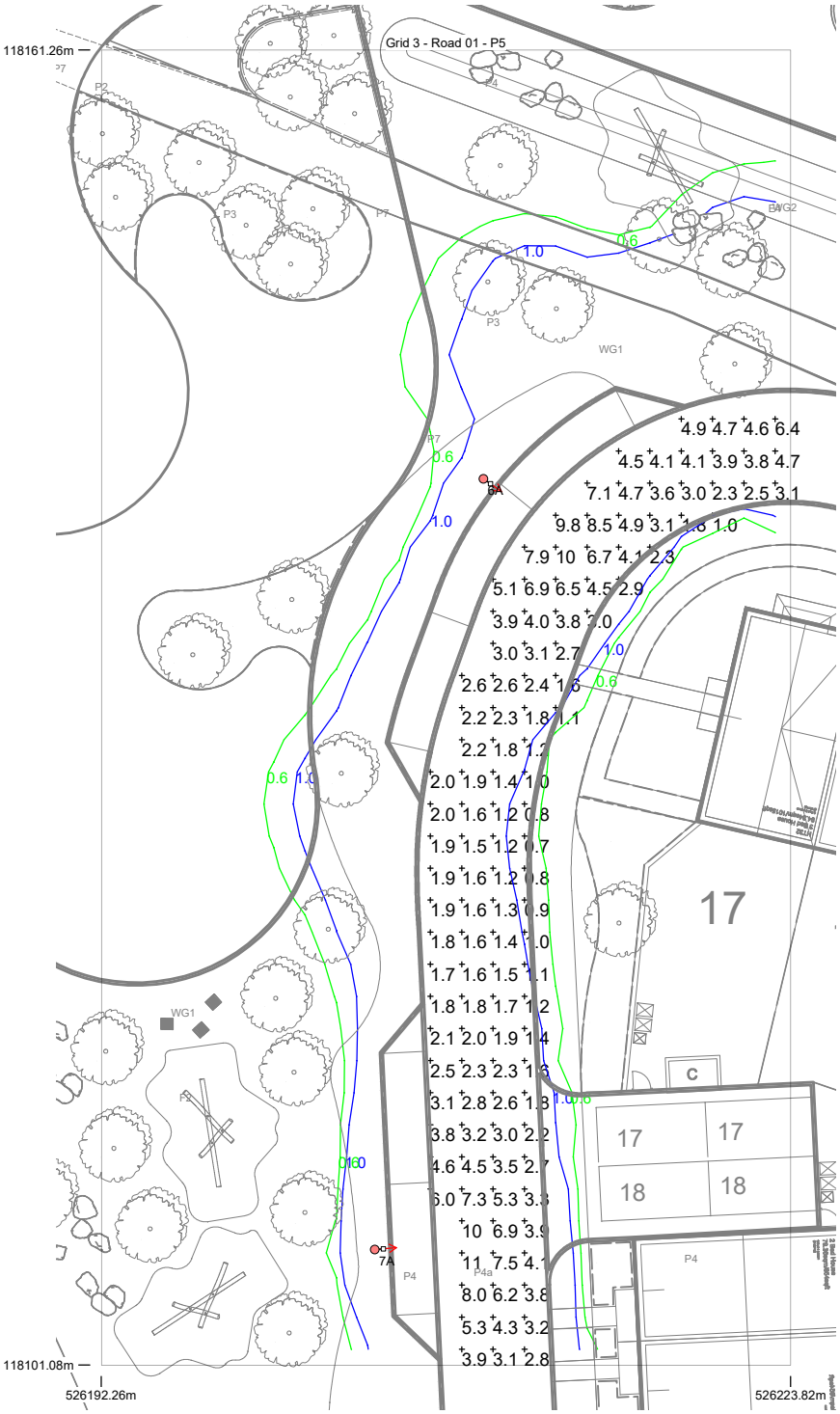


Results

Eav	3.05
Emin	0.82
Emax	11.12
Emin/Emax	0.07
Emin/Eav	0.27

Horizontal Illuminance (lux)

Grid 3 - Road 01 - P5



Results

Eav	3.37
Emin	0.72
Emax	10.78
Emin/Emax	0.07
Emin/Eav	0.22

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Horizontal Illuminance (lux)

Grid 4 - Road 01 - P5

Results

Eav	3.20
Emin	1.13
Emax	10.46
Emin/Emax	0.11
Emin/Eav	0.35

Horizontal Illuminance (lux)

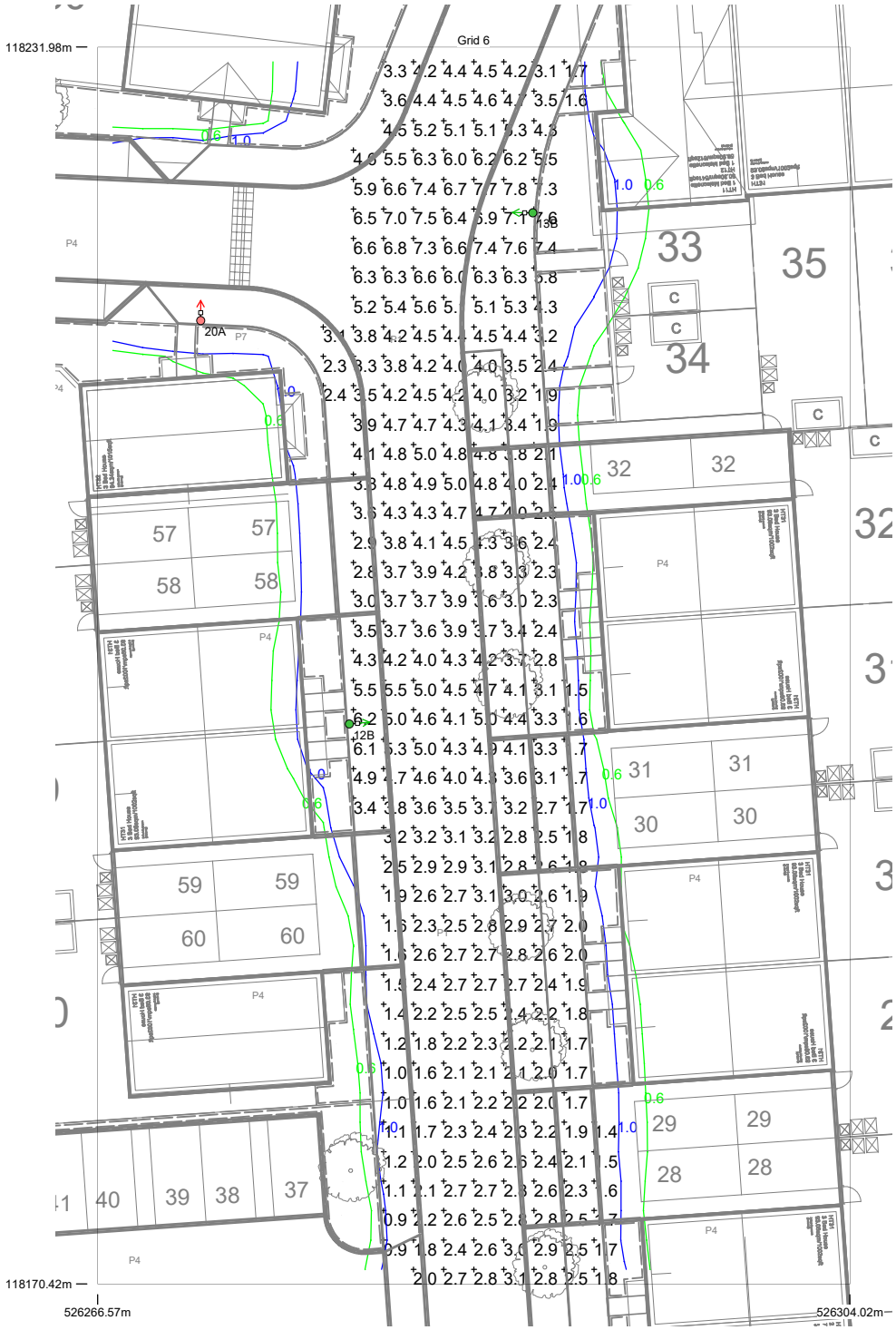
Grid 5

Results

Eav	3.11
Emin	0.84
Emax	6.09
Emin/Emax	0.14
Emin/Eav	0.27

Horizontal Illuminance (lux)

Grid 6



Results

Eav	3.59
Emin	0.90
Emax	7.78
Emin/Emax	0.12
Emin/Eav	0.25

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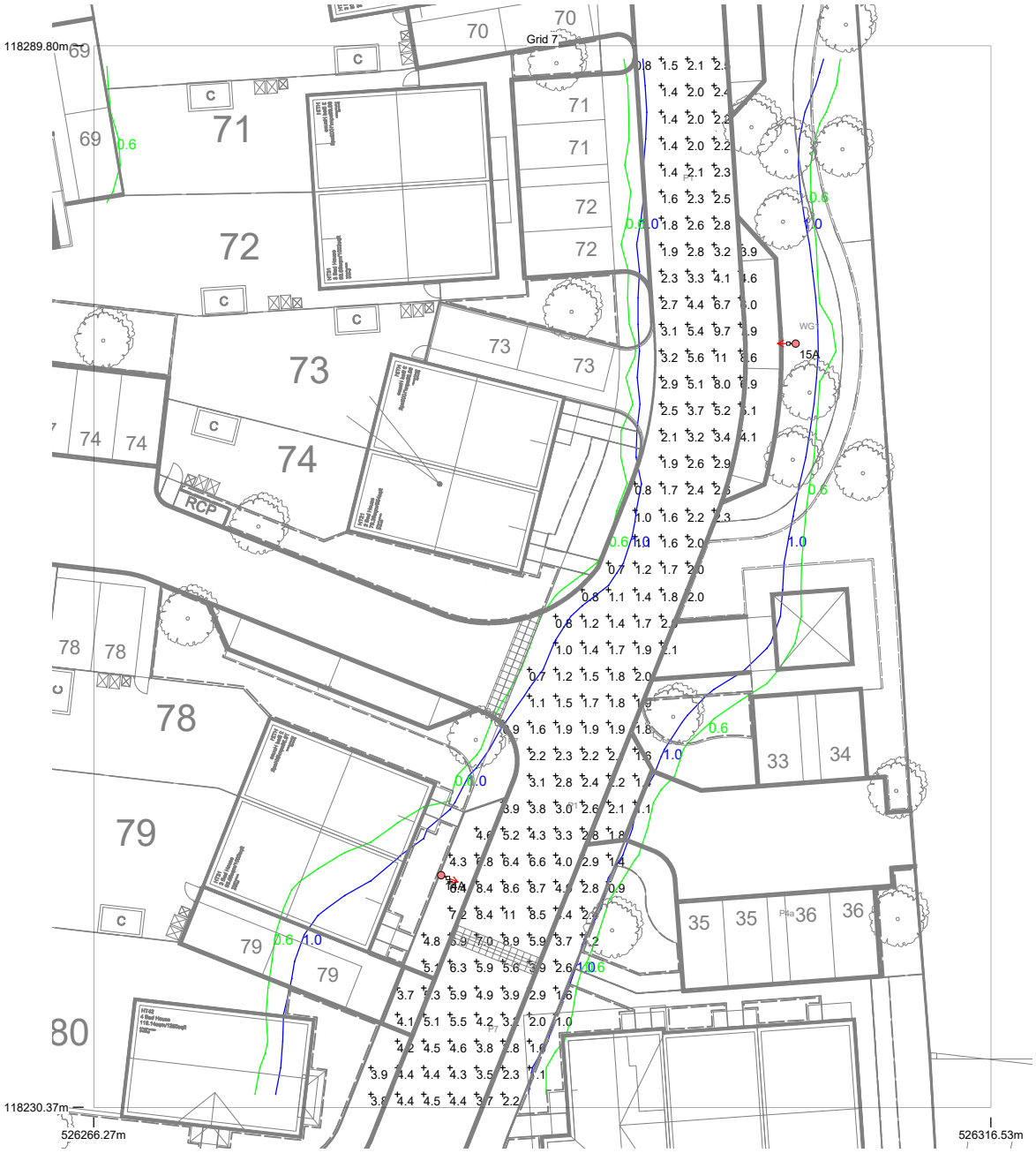
Horizontal Illuminance (lux)

Grid 7

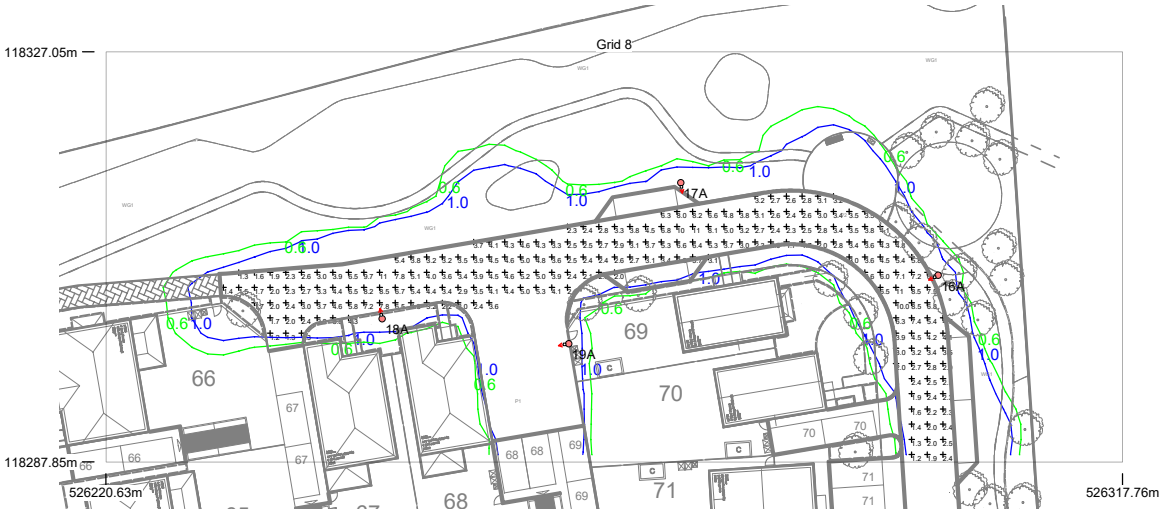


Results

Eav	3.36
Emin	0.71
Emax	11.15
Emin/Emax	0.06
Emin/Eav	0.21

Horizontal Illuminance (lux)

Grid 8



Results

Eav	3.92
Emin	1.20
Emax	11.03
Emin/Emax	0.11
Emin/Eav	0.30

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Horizontal Illuminance (lux)

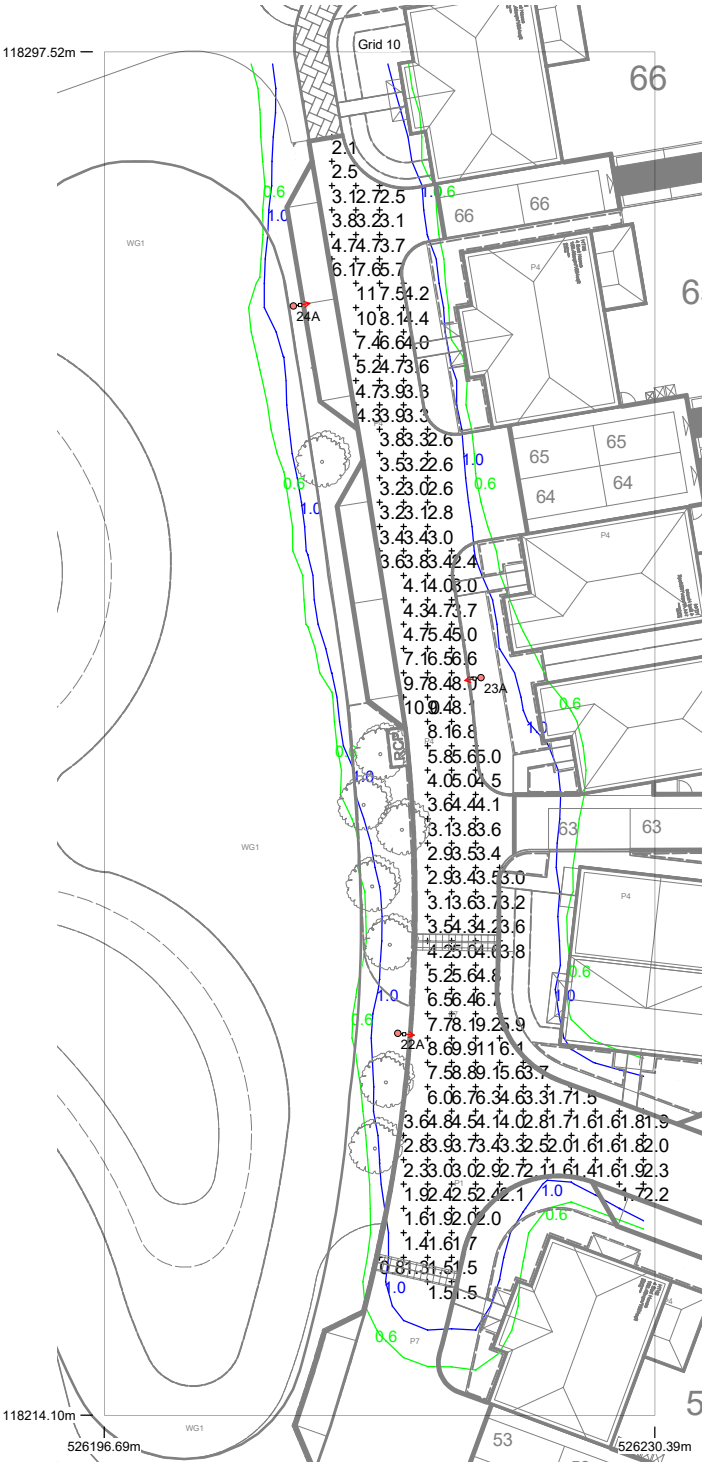
Grid 9

Results

Eav	3.85
Emin	1.46
Emax	11.56
Emin/Emax	0.13
Emin/Eav	0.38

Horizontal Illuminance (lux)

Grid 10



Results

Eav	4.15
Emin	0.83
Emax	10.98
Emin/Emax	0.08
Emin/Eav	0.20

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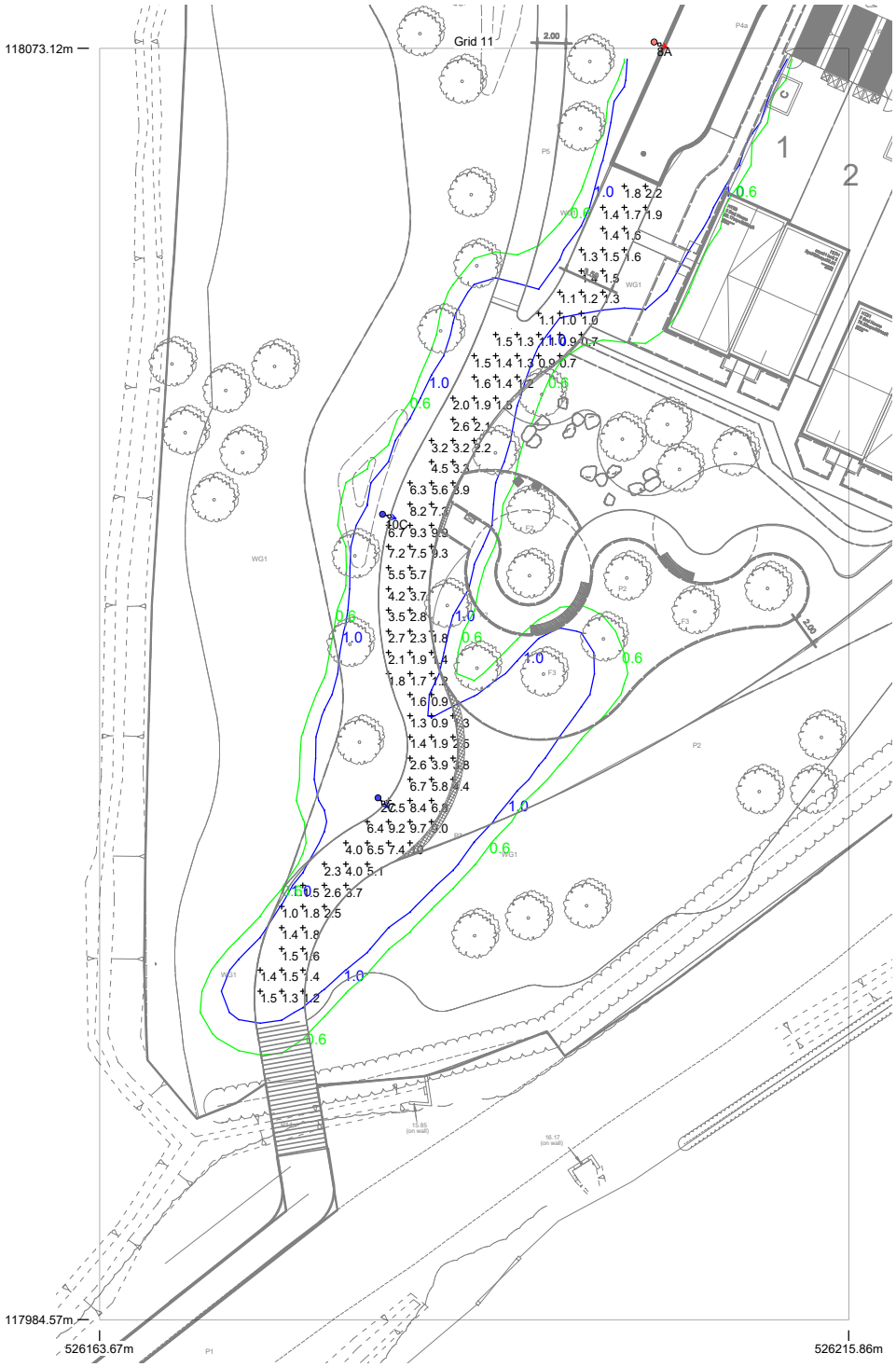
Horizontal Illuminance (lux)

Grid 11



Results

Eav	3.20
Emin	0.66
Emax	10.13
Emin/Emax	0.07
Emin/Eav	0.21