

DATE: 24 April 2023
DESIGNER: Loveday Lighting Limited
PROJECT No: LL1583-001
PROJECT NAME: Wood Lane, Higham on the Hill



Street Lighting Design

6m LCC spec lighting columns with post top
mounted ASD Lighting HWD2 3000k LED Luminaires

Lighting Class: P5 from BS5489-2020
Eav: 3.00 - 4.50 Lux
Emin: 0.60 Lux

Outdoor Lighting Report

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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 437642.0m x 295187.0m
Area 250.0m x 250.0m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire A Data

Supplier	ASD Lighting
Type	HWD2-#3K16 700-M1-CLO Gen 5
Lamp(s)	LED 3000K
LampFlux(klm)/Colour	3.62 3000/72
File Name	HWD2-#3K16 700-M1-CLO (34W).ldt
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	646.8, 131.8, 1.0
No. in Project	6



Luminaire B Data

Supplier	ASD Lighting
Type	HWD2-#3K16 700-F0-CLO Gen 5
Lamp(s)	LED 3000K
LampFlux(klm)/Colour	3.56 3000/72
File Name	HWD2-#3K16 700-F0-CLO (34W).ldt
Maintenance Factor	0.84
Imax70,80,90(cd/klm)	715.5, 75.0, 2.5
No. in Project	3

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
1	A	437771.41	295399.60	6.00	185.00	0.00	0.00	0.40	50%			
2	A	437765.25	295365.22	6.00	4.00	0.00	0.00	0.40	50%			
3	A	437762.07	295324.06	6.00	350.00	0.00	0.00	0.40	50%			
4	A	437770.50	295287.36	6.00	178.00	0.00	0.00	0.40	50%			
5	B	437778.13	295250.57	6.00	119.00	0.00	0.00	0.40	50%			
6	A	437748.32	295345.59	6.00	271.00	0.00	0.00	0.40	50%			
7	B	437708.99	295342.09	6.00	322.00	0.00	0.00	0.40	50%			
8	A	437790.28	295328.70	6.00	281.00	0.00	0.00	0.40	50%			
9	B	437818.26	295328.65	6.00	163.00	0.00	0.00	0.40	50%			



Horizontal Illuminance (lux)

Grid 1



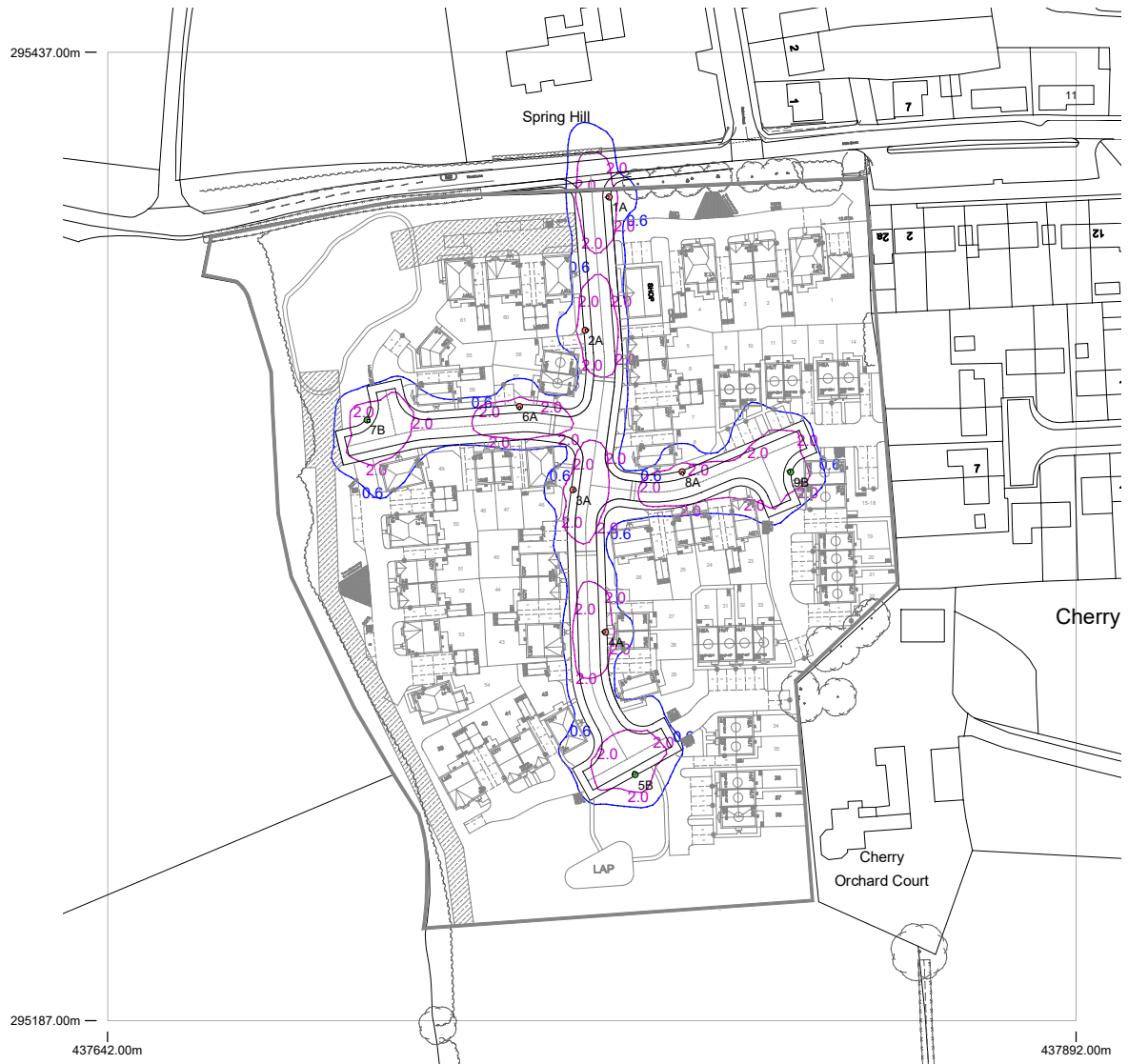
Results

Eav	3.23
Emin	0.70
Emax	16.73
Emin/Emax	0.04
Emin/Eav	0.22



Horizontal Illuminance (lux)

Grid 1



Results

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