

DATE: 12 June 2026
DESIGNER: DFL-UK
PROJECT No: 4775
PROJECT NAME: Ashington, West Sussex



Location: Ashington, West Sussex
Environmental Zone: E2

Lighting parameters taken from ILP guidance document
GN01:2021 - The Reduction of Obtrusive Light

1.0lx Maximum Vertical Illuminance (Post Curfew - E2)

Lighting parameters taken from ILP guidance document
GN08:2023 - Bats and Artificial Lighting at Night

0.4lx Maximum Vertical Illuminance

4775-DFL-ELG-XX-CA-EO-13001-S3-P01

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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	512639.00	116337.00	60.00	33.00	1.50	1.50
2	PHAR 001	512652.20	116365.41	36.00	5.00	1.00	1.00
3	PSER 001	512697.14	116367.62	33.00	5.00	1.00	1.00

Luminaires

Luminaire A Data

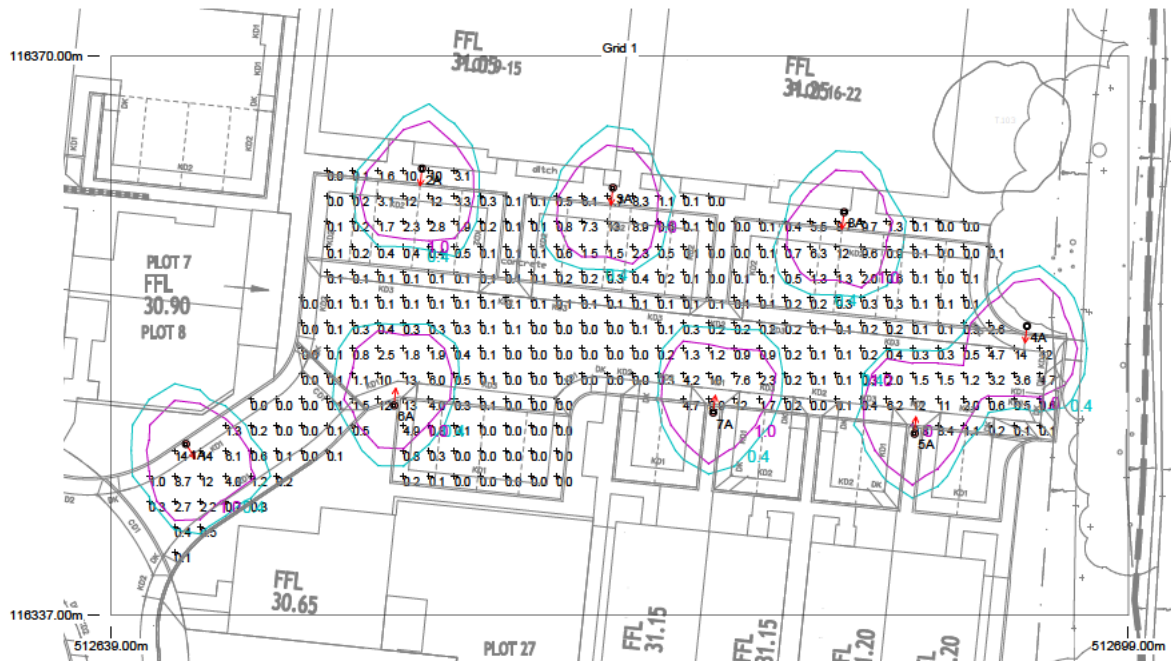
Supplier	D W Windsor
Type	Sierra Solar Bollard_Asymmetric_2700K
Lamp(s)	5050 2.7K RA70 C2
Lamp Flux (klm)	0.91
File Name	Sierra Solar Bollard_Asymmetric_2700K.ies
Maintenance Factor	1.00
Lum. Int. Class	None
No. in Project	8

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Dimmed to	Target X	Target Y	Target Z
1	A	512643.41	116347.13	1.00	302.00	0.00	0.00	0.00	20%			
2	A	512657.35	116363.37	1.00	263.00	0.00	0.00	0.00	20%			
3	A	512668.60	116362.23	1.00	263.00	0.00	0.00	0.00	20%			
4	A	512693.02	116354.09	1.00	263.00	0.00	0.00	0.00	20%			
5	A	512686.39	116347.72	1.00	86.00	0.00	0.00	0.00	20%			
6	A	512655.69	116349.40	1.00	84.00	0.00	0.00	0.00	20%			
7	A	512674.50	116348.99	1.00	82.00	0.00	0.00	0.00	20%			
8	A	512682.22	116360.81	1.00	263.00	0.00	0.00	0.00	20%			

Horizontal Illuminance (lux)

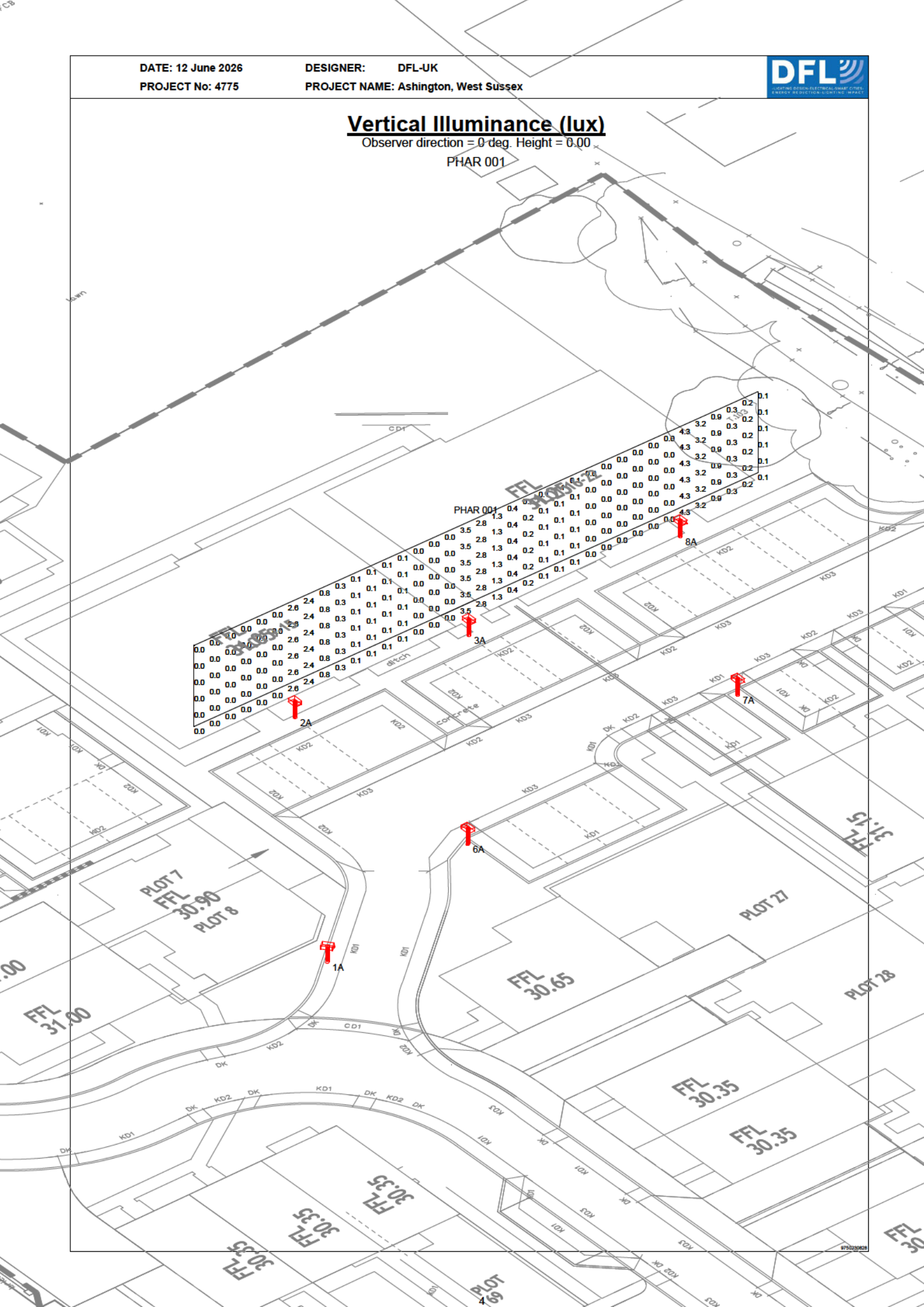
Grid 1



Vertical Illuminance (lux)

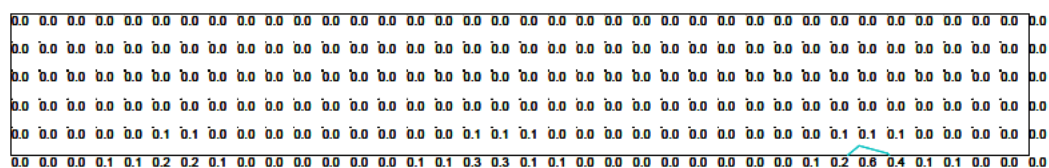
Observer direction = 0 deg. Height = 0.00

PHAR 001



Illuminance (lux)

PHAR 001



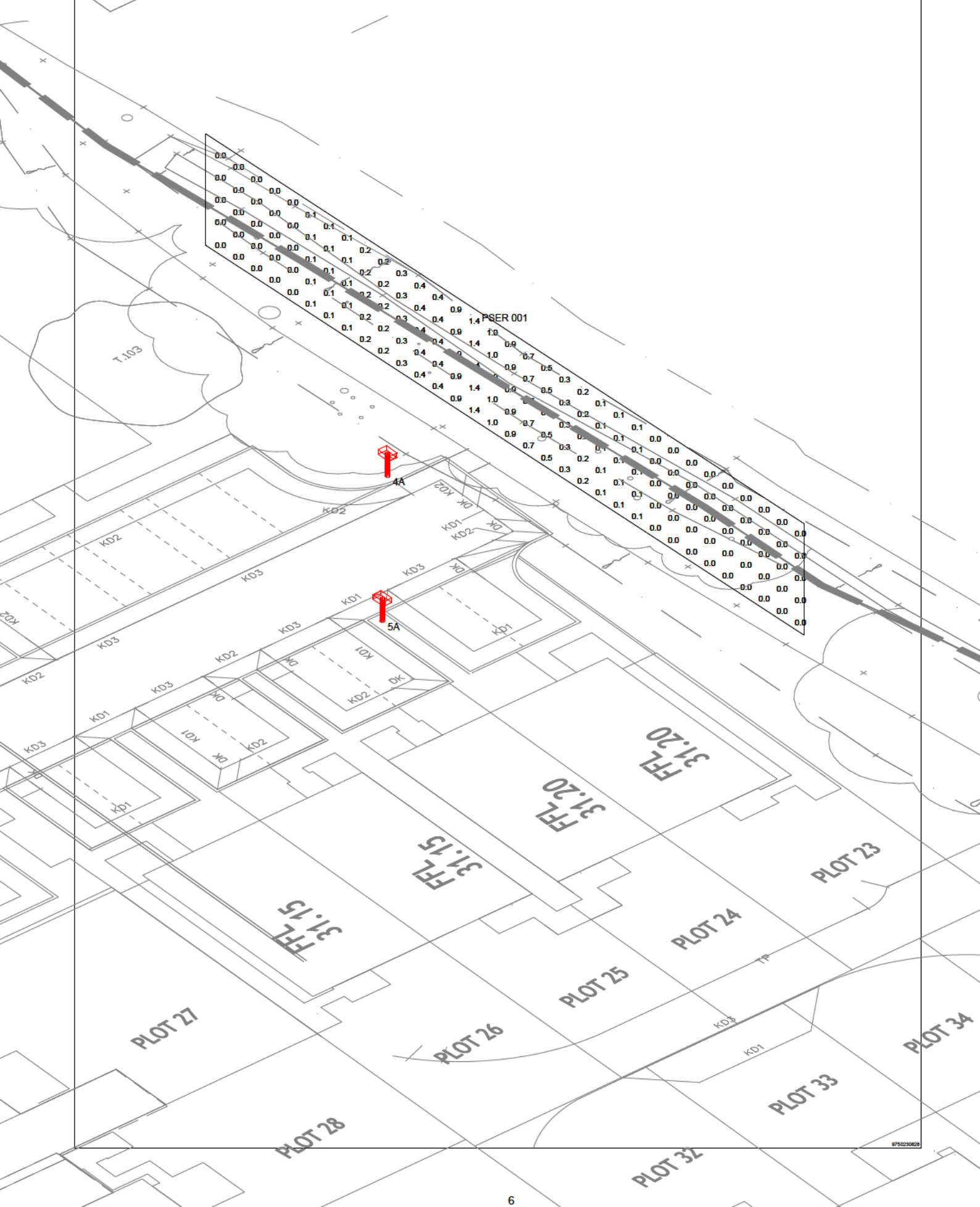
Results

Eav	0.02
Emin	0.00
Emax	0.57
Emin/Emax	0.00
Emin/Eav	0.11

Vertical Illuminance (lux)

Observer direction = 0 deg. Height = 0.00

PSER 001



Illuminance (lux)

PSER 001

[illegible]

Results

Eav	0.01
Emin	0.00
Emax	0.04
Emin/Emax	0.05
Emin/Eav	0.21