DATE: **5 April 2022**

DESIGNER: **Graham Sheehan + AN**

PROJECT No: **SES 06716 Rev E**

PROJECT NAME: **Glenamuck Road North - SHD. Moran Park Homes Limited.**

Designed in accordance with BS5489-1:2013 Class P4

Rev A: Latest layout used re-designed to suit.
Rev B: Latest layout used re-designed to suit.
Rev C: Updated site layout.
Rev D: Latest layout used re-designed to suit.
Rev E: Latest layout used re-designed to suit. S/P Ratio removed.

Outdoor Lighting Report

PREPARED BY:

Sabre Electrical Services Ltd.
Unit 11 Bellevue Ind. Est.
Finglas
Dublin 11.
Email: graham@sabrelighting.ie
Ph: 01 8110875

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 698.0m x 637.0m
Area 162.0m x 123.0m
Sample Spacing 1.50m x 1.50m

Luminaires



Luminaire A Data

Supplier	C U Phosco
Type	P852-12-P4-NW-CB0450-18W
Lamp(s)	740C NW
Lamp Flux (klm)	2.28
File Name	P852-12-P4-NW-CB0450-18W.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	760.6, 161.3, 0.8
No. in Project	6



Luminaire B Data

Supplier	C U Phosco
Type	P852-12-R3B-NW-CB0200-9W
Lamp(s)	740C NW
Lamp Flux (klm)	1.11
File Name	P852-12-R3B-NW-CB0200-9W.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	896.4, 62.1, 1.9
No. in Project	3



Luminaire C Data

Supplier	C U Phosco
Type	P852-12-F2-NW-CB0500-20W
Lamp(s)	740C NW
Lamp Flux (klm)	2.46
File Name	P852-12-F2-NW-CB0500-20W.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	761.9, 260.5, 34.9
No. in Project	2

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	719.66	706.05	6.00	262.00	0.00	0.00	0.40			
2	A	749.80	702.25	6.00	266.00	0.00	0.00	0.40			
3	A	771.61	706.26	6.00	267.00	0.00	0.00	0.40			
4	A	799.42	698.79	6.00	268.00	0.00	0.00	0.40			
5	C	817.68	707.24	6.00	262.00	0.00	0.00	0.40			
6	C	841.48	703.99	6.00	262.00	0.00	0.00	0.40			
7	B	743.34	711.72	5.00	173.00	0.00	0.00	0.40			
8	B	744.45	734.85	5.00	179.00	0.00	0.00	0.40			
12	A	800.69	682.01	6.00	349.00	5.00	0.00	0.40			
13	A	798.02	664.33	6.00	354.00	5.00	0.00	0.40			

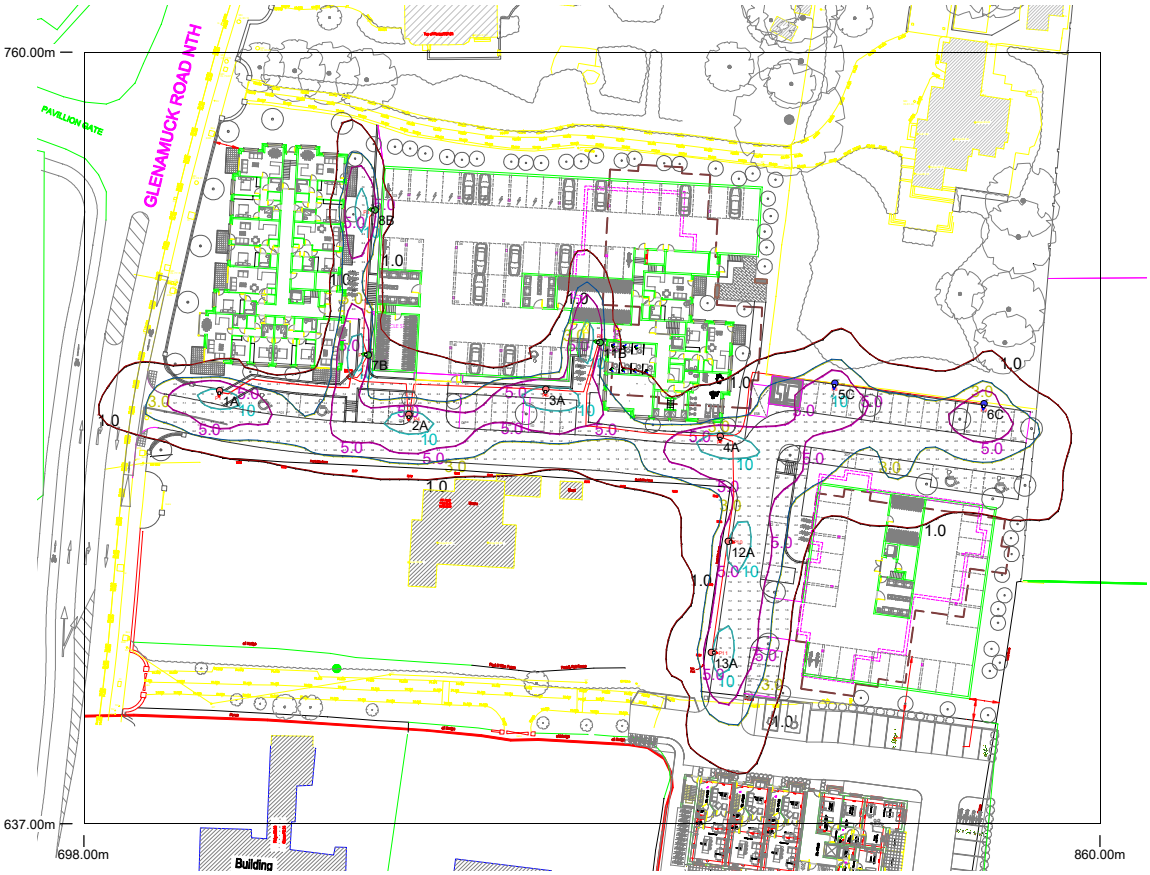
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Layout Continued

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
11	B	780.32	713.74	5.00	173.00	0.00	0.00	0.40			

Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.34
Emin	1.22
Emax	15.78
Emin/Emax	0.08
Emin/Eav	0.23

Horizontal Illuminance (lux)

Grid 1

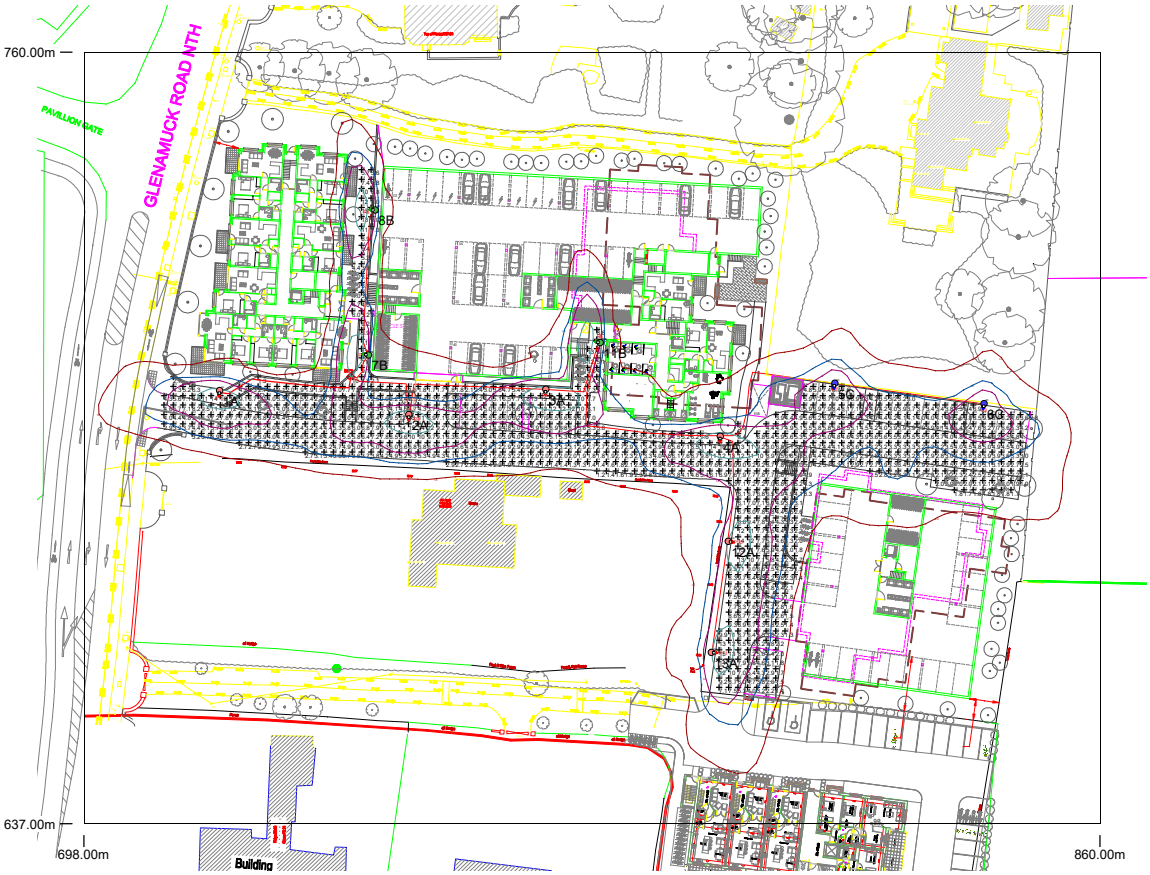


Results

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Emin	1.22
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Horizontal Illuminance (lux)

Grid 1



Results

Eav	5.34
Emin	1.22
Emax	15.78
Emin/Emax	0.08
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