

DATE: 9 August 2021
DESIGNER: Loveday Lighting Limited
PROJECT No: LL1351-002
PROJECT NAME: Severn Road, Avonmouth



Private Lighting Design

Lighting Class to Access Road: P3
Eav: 7.50 - 11.25 Lux, Emin: 1.50 Lux

Outdoor Lighting Report

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Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin -84.0m x -174.0m
Area 220.0m x 250.0m
Sample Spacing 1.50m x 1.50m

Luminaires

Luminaire A Data

Supplier	
Type	BGP703 DX10
Lamp(s)	LED-HB 5.2S 730
Lamp Flux (klm)	12.00
File Name	Luma Gen2 Mini_BGP703_DX10_12000_4 0LED_5.2S_CLO_L90_730.lis
Maintenance Factor	0.83
Lum. Int. Class	G3
No. in Project	7

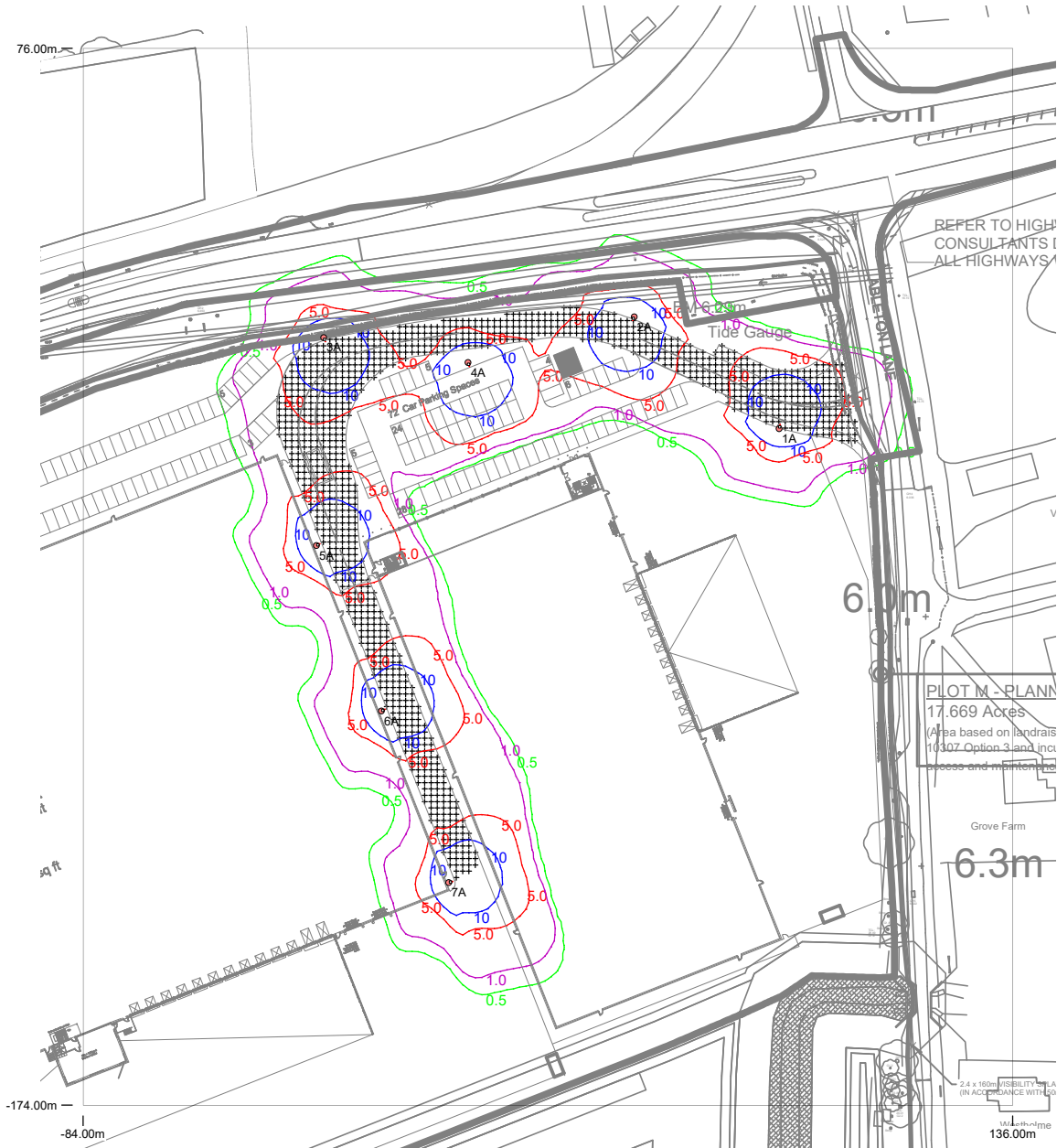
Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	80.70	-13.93	8.00	76.00	0.00	0.00	0.40			
2	A	46.37	12.50	8.00	247.00	0.00	0.00	0.40			
3	A	-27.05	7.55	8.00	293.00	0.00	0.00	0.40			
4	A	7.08	1.69	8.00	290.00	0.00	0.00	0.40			
5	A	-28.84	-41.60	8.00	28.00	0.00	0.00	0.40			
6	A	-13.44	-80.74	8.00	26.00	0.00	0.00	0.40			
7	A	2.50	-121.26	8.00	15.00	0.00	0.00	0.40			



Horizontal Illuminance (lux)

Grid 1



Results

Eav	8.60
Emin	1.50
E _{max}	22.95
E _{min} /E _{max}	0.07
E _{min} /E _{av}	0.17