DATE:	**8 December 2017**
DESIGNER:	**Nathan Poundall**
PROJECT No:	**1762**
PROJECT NAME:	**Devt off Back Gate (Phase 2), Cowbit**

Lighting has been designed to comply with BS5489-1:2013 lighting class P5

Outdoor Lighting Report

PREPARED BY:

Design Software from:
Lighting Reality Ltd
Park Business Centre
Wood Lane
Erdington
Birmingham
B24 9QR
United Kingdom

e-mail: sales@lightingreality.com
website: www.lightingreality.com

Layout Report

General Data

Dimensions in Metres Angles in Degrees
Grid Origin 526282.9m x 317711.7m
Area 258.7m x 105.7m
Sample Spacing 1.03m x 1.00m

Luminaires

Luminaire A Data



Supplier	TRT Lighting
Type	Aspect 1 16 LED 18W General Road 4 Len s 4000K Flat Glass
Lamp(s)	LED 4000K
Lamp Flux (klm)	1.94
File Name	AS1_16LED_18W_GR4_4K_FG.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	724.4, 301.1, 12.6
No. in Project	2

Luminaire B Data



Supplier	TRT Lighting
Type	Aspect Eco 1 12 LED 19W General Road 4 Lens 3000K
Lamp(s)	LED 3000k
Lamp Flux (klm)	2.21
File Name	ASE1_12LED_19W_GR4_3K.ies
Maintenance Factor	0.83
Imax70,80,90(cd/klm)	644.5, 646.9, 165.1
No. in Project	11

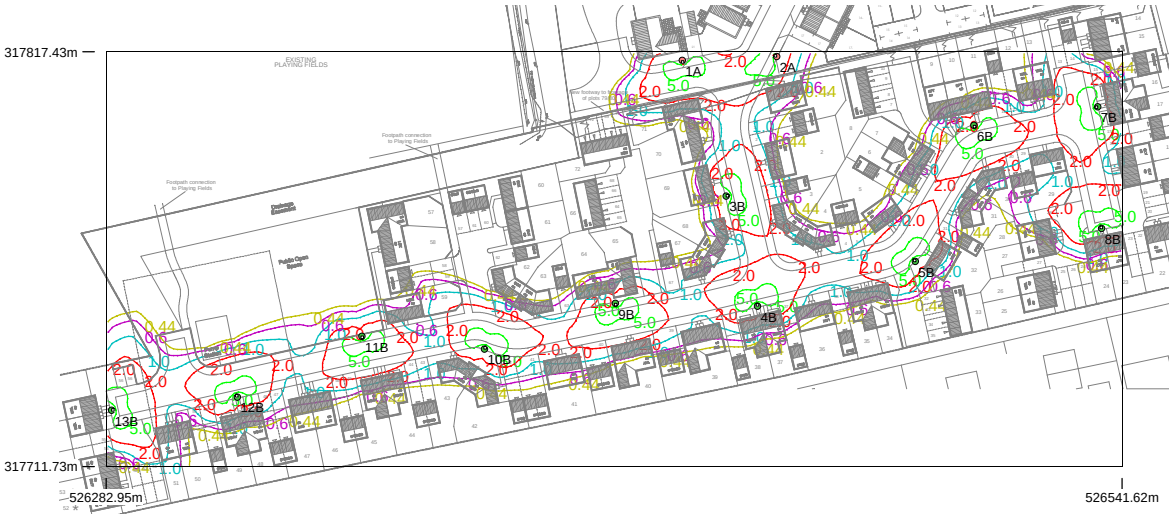
Layout

No.	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	526429.60	317815.23	6.00	280.00	0.00	0.00	0.40			
2	A	526453.66	317816.21	6.00	159.00	0.00	0.00	0.40			
3	B	526440.79	317780.71	6.00	15.00	0.00	0.00	0.30			
4	B	526448.78	317752.67	6.00	102.00	0.00	0.00	0.30			
5	B	526488.93	317764.05	6.00	133.00	0.00	0.00	0.30			
6	B	526503.84	317798.66	6.00	293.00	0.00	0.00	0.30			
7	B	526535.31	317803.40	6.00	192.00	0.00	0.00	0.30			
8	B	526536.29	317772.42	6.00	101.00	0.00	0.00	0.30			
9	B	526412.56	317753.40	6.00	283.00	0.00	0.00	0.30			
10	B	526379.29	317741.75	6.00	73.00	0.00	0.00	0.30			
11	B	526348.07	317745.02	6.00	283.00	0.00	0.00	0.30			
12	B	526316.31	317729.56	6.00	108.00	0.00	0.00	0.30			
13	B	526284.34	317726.21	6.00	16.00	0.00	0.00	0.30			

6696714666

Horizontal Illuminance (lux)

Grid 1



Results

Eav	3.11
Emin	0.60
Emax	6.96
Emin/Emax	0.09
Emin/Eav	0.19

6696714666