

DATE: 14 January 2020
DESIGNER: Christopher Ridout
PROJECT No: 00001
PROJECT NAME: Crabtree Walk Trefechan



6mtr aluminium columns as per ALC 6000 series with 0.3 outreach.
lantern is a TRT Aspect mini 14 -30 watt LED with 7 pin nema
base.
Control by a CELTEK nema node.
(Please contact M.T.C.B.C. Street lighting engineer when installing
CELTEK nodes 01685 724901 or 07800708523)
Cutout a Charls Endirect double pole with a 6amp LST fuse.
Consumer unit to be a 6 way metal clad with 100A isolator and 16A
HRC fuses.

Outdoor Lighting Report

set up using 14-30 Watt TRT Aspect Mini LED Lantern

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
Local Origin at 303945.16m x 209323.61m
Grid Origin -607.3m x -428.1m
Area 201.1m x 292.7m
Sample Spacing 8.38m x 12.20m

Luminaires



Luminaire A Data

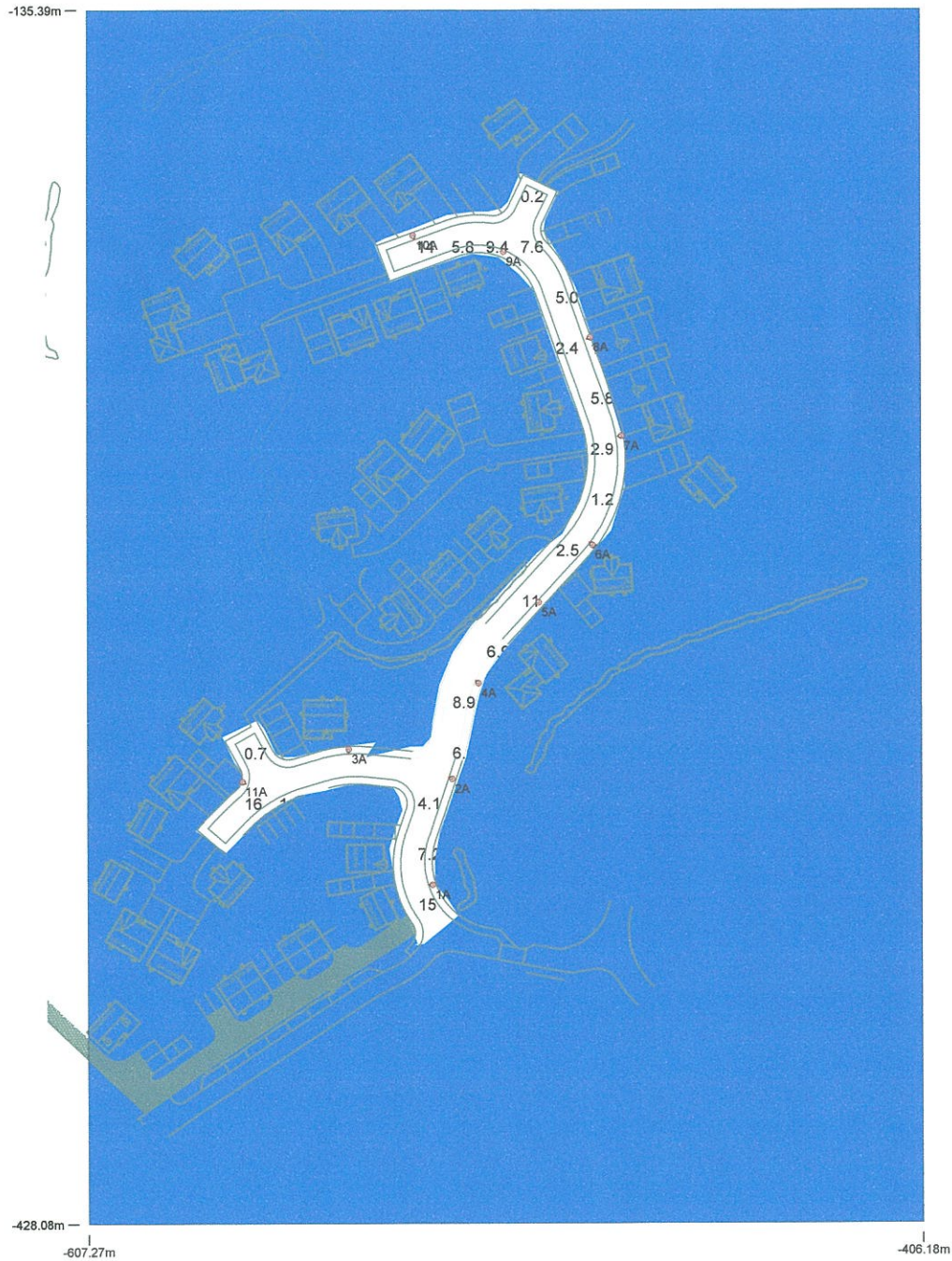
Supplier	TRT Lighting
Type	ASM4 LED 18W GR7 3000K EXP
Lamp(s)	42 0019 0000 100
Lamp Flux (klm)	2.24
File Name	ASM4_LED_18W_GR7_3K_EXP.lvs
Maintenance Factor	0.98
Imax70,80,90(cd/klm)	1110.4, 71.5, 0.0
No. in Project	11

Layout

ID	Type	X	Y	Height	Angle	Tilt	Cant	Out-reach	Target X	Target Y	Target Z
1	A	-524.16	-346.32	6.00	182.00	0.00	0.00	0.30			
2	A	-519.42	-320.80	6.00	156.00	0.00	0.00	0.30			
3	A	-544.30	-313.61	6.00	264.00	0.00	0.00	0.30			
4	A	-512.93	-297.73	6.00	140.00	0.00	0.00	0.30			
5	A	-498.43	-278.24	6.00	131.00	0.00	0.00	0.30			
6	A	-485.41	-264.44	6.00	141.00	0.00	0.00	0.30			
7	A	-478.42	-238.20	6.00	190.00	0.00	0.00	0.30			
8	A	-485.87	-214.44	6.00	204.00	0.00	0.00	0.30			
9	A	-506.79	-193.69	6.00	59.00	0.00	0.00	0.30			
10	A	-528.56	-189.81	6.00	291.00	0.00	0.00	0.30			
11	A	-570.06	-321.46	6.00	333.00	0.00	0.00	0.30			

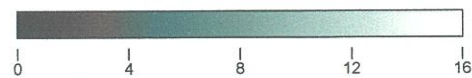
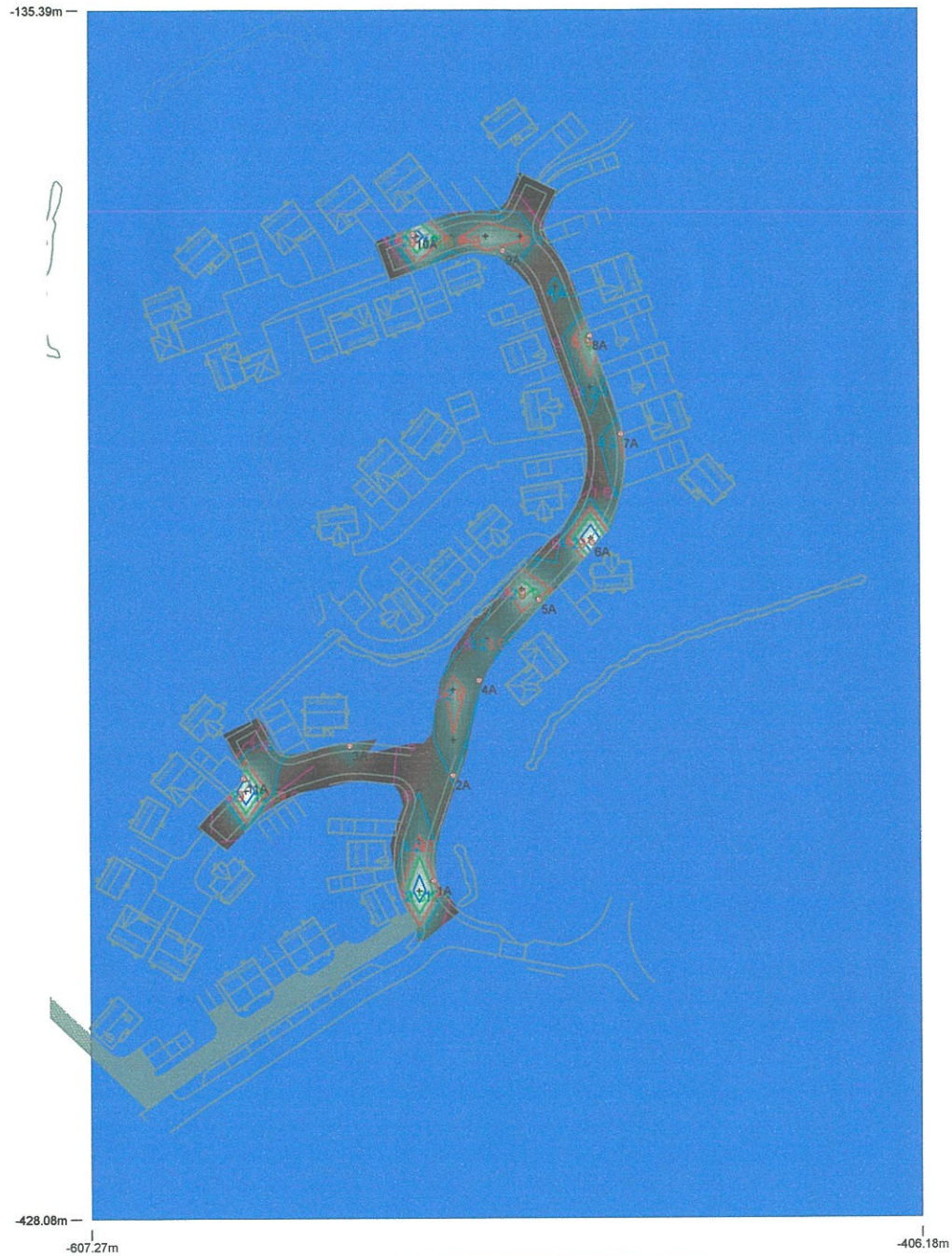
Horizontal Illuminance (lux)

Grid 1



Horizontal Illuminance (lux)

Grid 1



Results

Eav	6.87
Emin	0.23
Emax	16.20
Emin/Emax	0.01
Emin/Eav	0.03