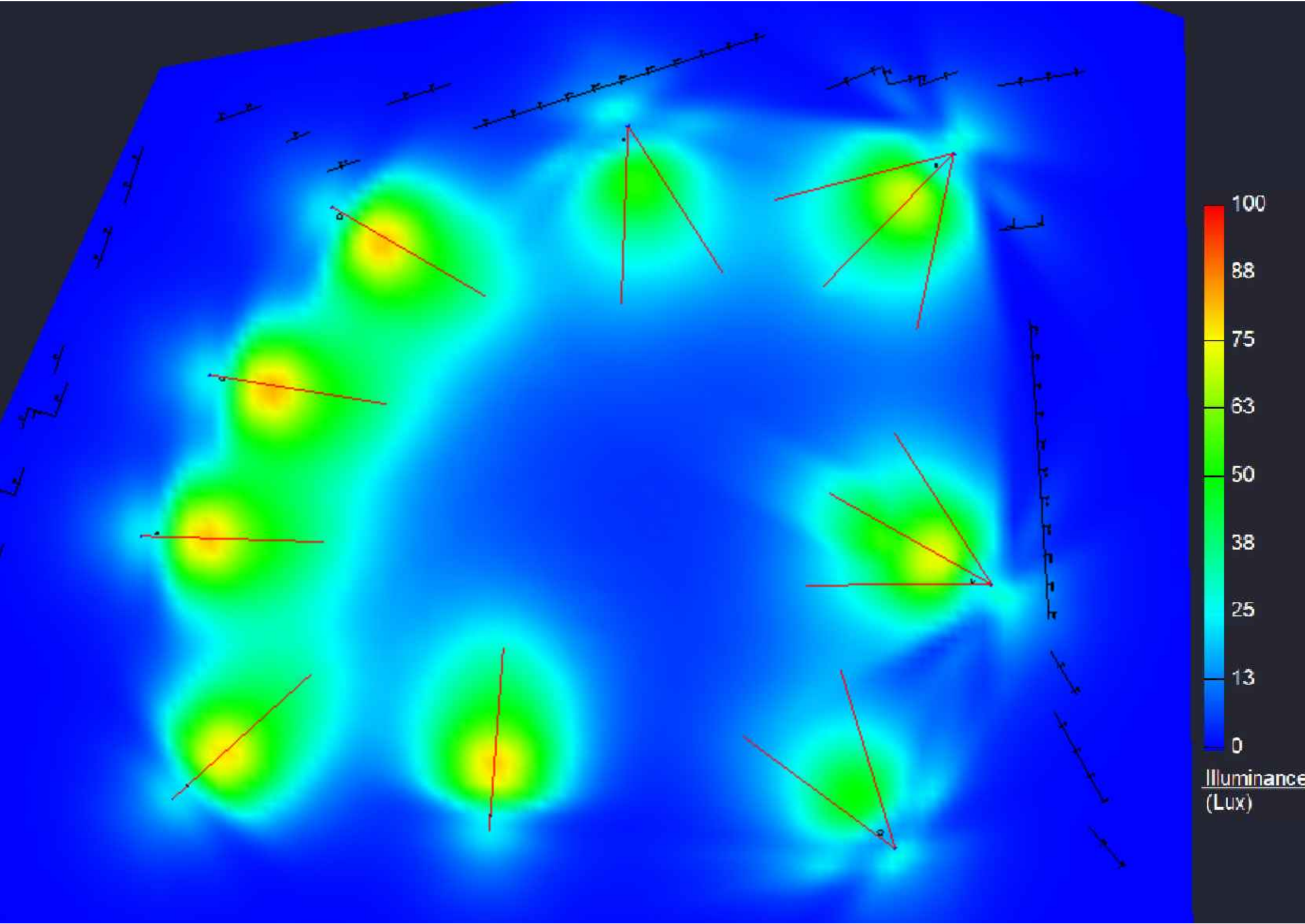
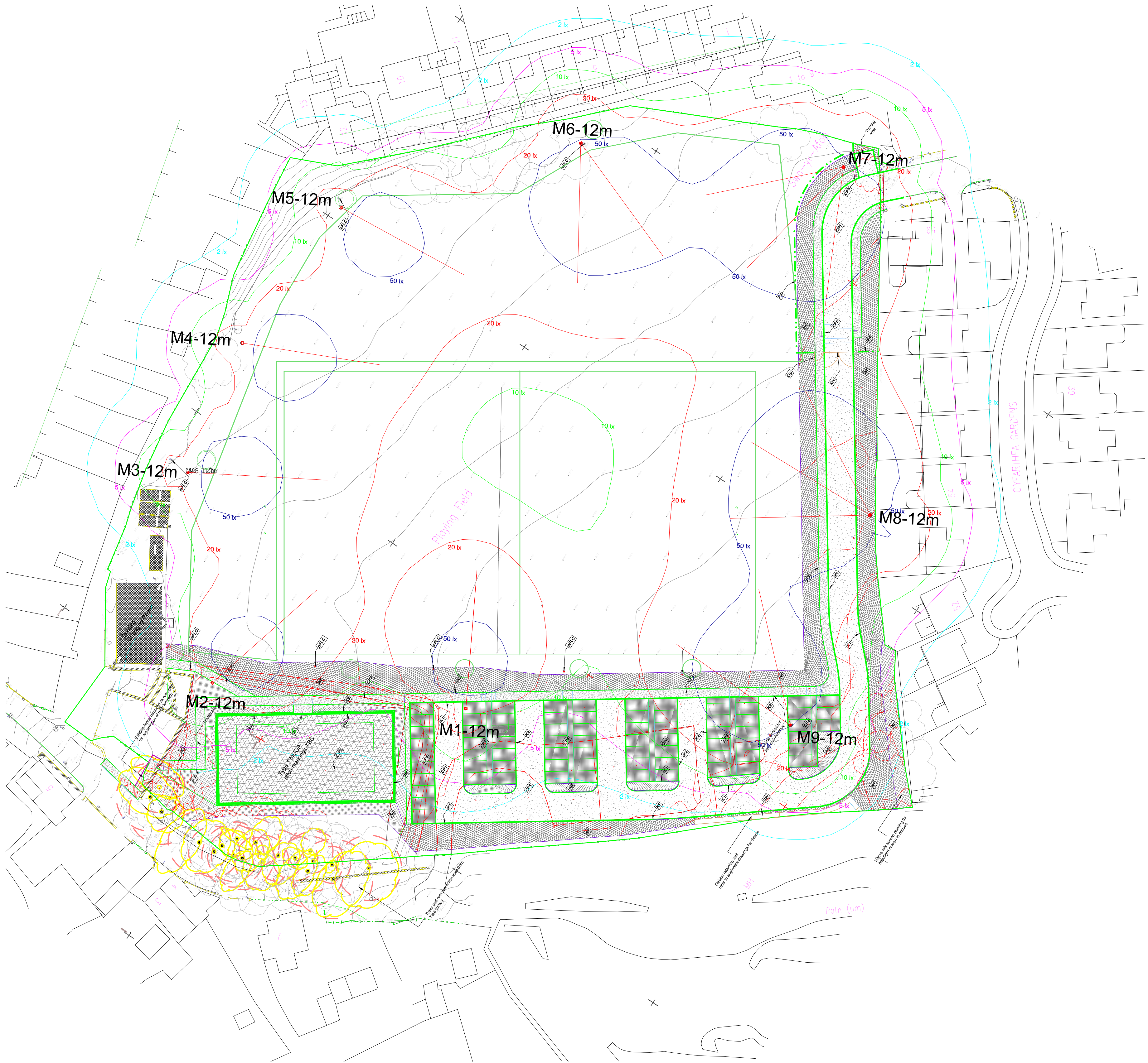




Pseudo Colour Rendering - Not to scale

LIGHTING EQUIPMENT

9 Existing 12m Masts Each Carrying the Following Floodlights

- M1-M5 1 x 700w Floodlight
M6,M9 2 x 700w Floodlight
M7,M8 3 x 700w Floodlight

(Amount of floodlights on each mast taken from 2018 imagery, there could be more on certain masts)

Notes:
Due to unknown floodlights, a standard photometry has been used

Obtrusive Light - Compliance Report
CIE 150:2017, E3-Medium District Brightness, Pre-Curfew
Filename: UKS18059-9 YYG
17/03/2022 08:41:30

Illuminance
Maximum Allowable Value: 10 Lux

Calculations Tested (28):

Calculation Label	Test Results	Max. Illum.
Cyfarthfa Gardens_III_Seg1	PASS	4
Cyfarthfa Gardens_1_III_Seg1	FAIL	31
Cyfarthfa Gardens_2_III_Seg1	FAIL	25
Cyfarthfa Gardens_3_III_Seg1	PASS	3
Cyfarthfa Gardens_4_III_Seg1	PASS	1
Cyfarthfa Gardens_5_III_Seg1	PASS	0
Holly-Y-Cae_1_III_Seg1	FAIL	29
Holly-Y-Cae_2_III_Seg1	PASS	3
Holly-Y-Cae_3_III_Seg1	FAIL	13
Holly-Y-Cae_4_III_Seg1	PASS	6
Holly-Y-Cae_5_III_Seg1	PASS	2
Pontycapel Road_III_Seg1	PASS	1
Pontycapel Road_1_III_Seg1	PASS	1
Pontycapel Road_2_III_Seg1	PASS	1
Pontycapel Road_3_III_Seg1	PASS	2
Pontycapel Road_3_III_Seg2	PASS	0
Pontycapel Road_3_III_Seg3	PASS	1
Pontycapel Road_4_III_Seg1	PASS	2
Pontycapel Road_4_III_Seg2	PASS	0
Pontycapel Road_4_III_Seg3	PASS	1
Pontycapel Road_5_III_Seg1	PASS	1
Pontycapel Road_5_III_Seg2	PASS	0
Pontycapel Road_5_III_Seg3	PASS	1
Holly-Y-Cae Flats_III_Seg1	FAIL	12
Holly-Y-Cae Flats_III_Seg2	PASS	1
Holly-Y-Cae Flats_III_Seg3	FAIL	14
Holly-Y-Cae Flats_III_Seg4	PASS	2
Holly-Y-Cae Flats_III_Seg5	FAIL	21

Floodlights aiming locations and horizontal illuminance overspill contours at ground level.