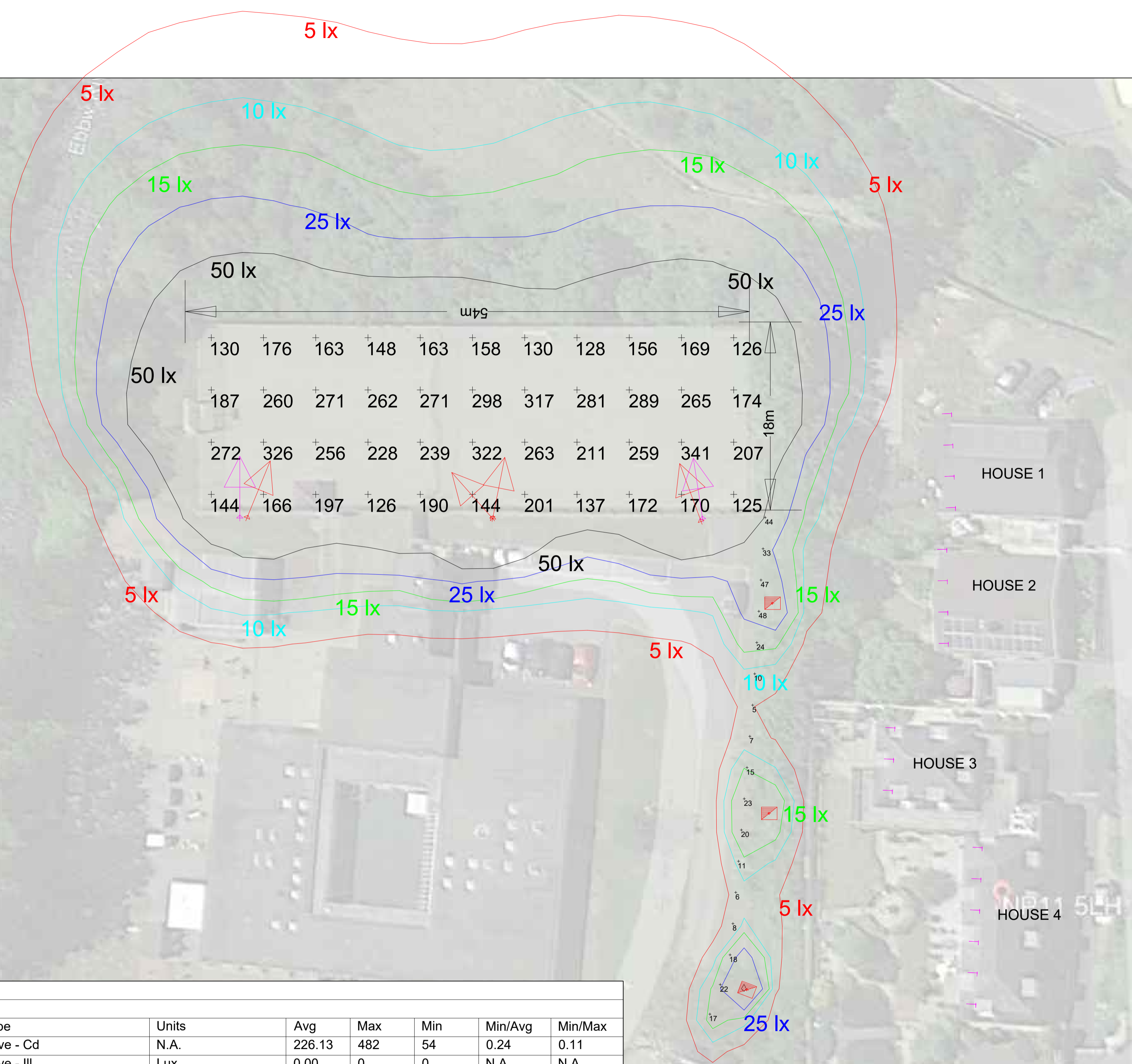




Map
 Description for your map.



Obtrusive Light - Compliance Report
 CIE 150:2017, E3-Medium District Brightness, Pre-Curfew
 Filename: NP11 5LH
 29/07/2022 15:58:37

Illuminance
 Maximum Allowable Value: 10 Lux

Calculations Tested (4):

Calculation Label	Test Results	Max. Illum.
House 1_Ill_Seg1	PASS	0
House 2_Ill_Seg1	PASS	0
House 3_Ill_Seg1	PASS	0
House 4_Ill_Seg1	PASS	0

Luminous Intensity (Cd) At Vertical Planes
 Maximum Allowable Value calculated from CIE 150:2017 (varies by Projected Area sq.m. and Distance Factor)
 For E3-Medium District Brightness, Projected Area and Distance Factors:
 (0.002, 0.86) (0.01, 1.9) (0.03, 3.8) (0.13, 7.5) (0.5, 15)

Calculations Tested (4):

Calculation Label	Test Results
House 1_Cd_Seg1	PASS
House 2_Cd_Seg1	PASS
House 3_Cd_Seg1	PASS
House 4_Cd_Seg1	PASS

Calculation Summary							
Project: Obtrusive Light Calculations							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
House 1_Cd_Seg1	Obtrusive - Cd	N.A.	226.13	482	54	0.24	0.11
House 1_Ill_Seg1	Obtrusive - Ill	Lux	0.00	0	0	N.A.	N.A.
House 2_Cd_Seg1	Obtrusive - Cd	N.A.	66.25	178	9	0.14	0.05
House 2_Ill_Seg1	Obtrusive - Ill	Lux	0.00	0	0	N.A.	N.A.
House 3_Cd_Seg1	Obtrusive - Cd	N.A.	26.83	45	12	0.45	0.27
House 3_Ill_Seg1	Obtrusive - Ill	Lux	0.00	0	0	N.A.	N.A.
House 4_Cd_Seg1	Obtrusive - Cd	N.A.	32.92	52	15	0.46	0.29
House 4_Ill_Seg1	Obtrusive - Ill	Lux	0.00	0	0	N.A.	N.A.

Calculation Summary									
Project: Lux Levels									
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max		
Muga	Illuminance	Lux	209.50	341	125	0.60	0.37		
Path	Illuminance	Lux	21.06	48	5	0.24	0.10		

Luminaire Schedule				
Symbol	Qty	Label	Arrangement	Description
	4	A	SINGLE	1 x 450w Amnis Flood with WST Optic Mounted @ 8m
	3	VCYP-AY70-4_3-15D (1983 lm)	SINGLE	1 x 15w LED Viva City Pro 4000k 320mA with AY70 Optic @ 3m
	2	B	SINGLE	1 x 450w LED 2700k Amnis Match Flood with NST Optic @ 8m

Project Title: Abercarn Primary		Scale: 1:250 at A1	Project Number: 46884
		Date: 29/07/2022	Drawing No.: Rev A
Lighting Designer: MB			

For our LED lighting designs a 0.9mf has been used. If this differs from the maintenance period for this project then you must advise us accordingly.

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A1