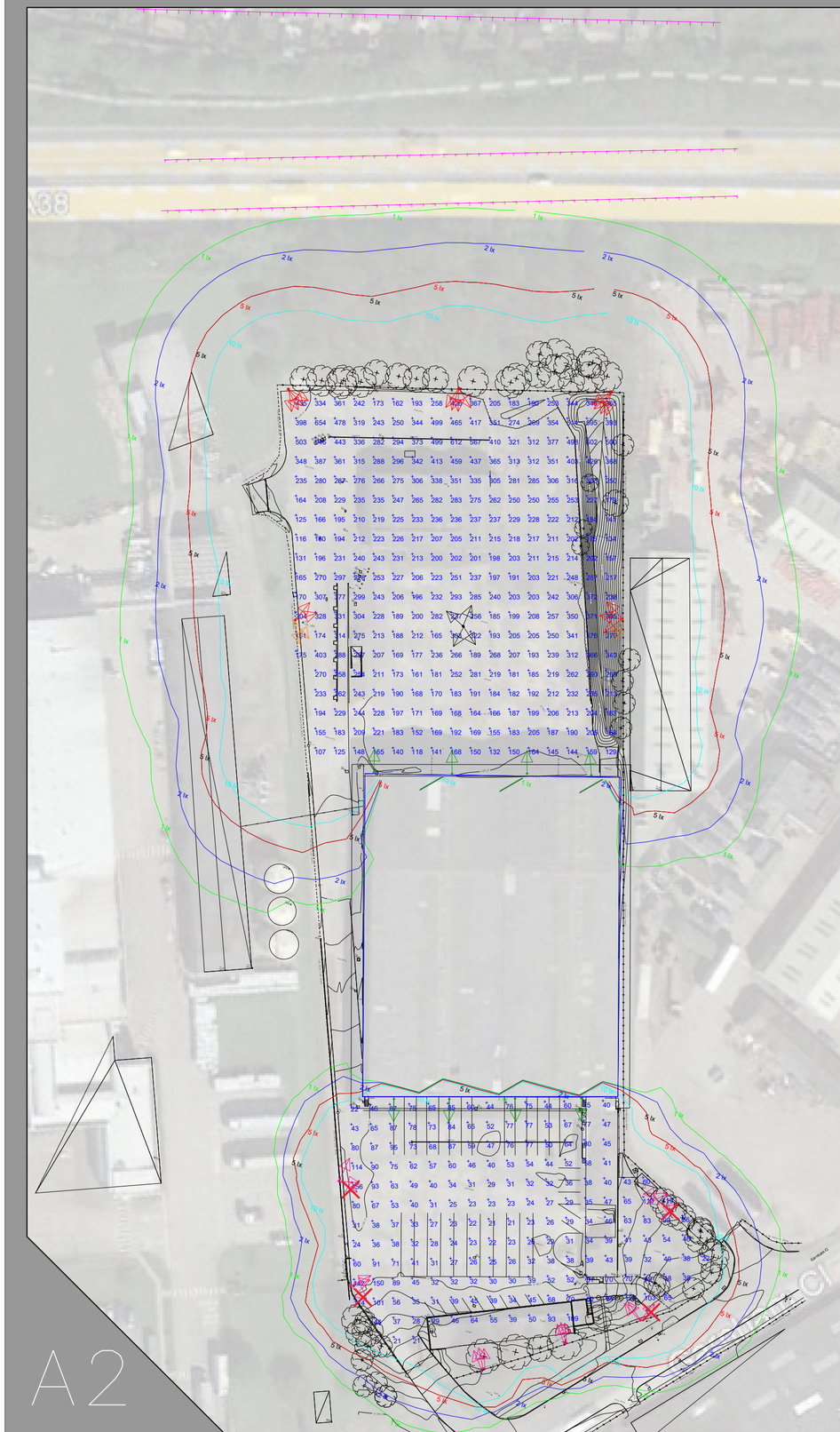
Dimensions are not to be scaled from this drawing



Kingfisher Lighting

Part of the Luceco PLC group of companies LUCECO

Obtrusive Light - Compliance Report
CIE 150:2003, E2-Rural, Pre-Curfew
Filename: Matt Kid E1 Offical
27/04/2022 16:20:12

Illuminance
Maximum Allowable Value: 5 Lux

Calculations Tested (1):

Calculation Label	Test Results	Max. Illum.
House Row_Ill_Seg1	PASS	0

Luminous Intensity (Cd) At Vertical Planes
Maximum Allowable Value: 7500 Cd

Calculations Tested (1):

Calculation Label	Test Results
House Row_Cd_Seg1	PASS

Threshold Increment (TI)
Maximum Allowable Value: 15 %

Calculations Tested (2):

Calculation Label	Adaptation Luminance	Test Results
Traffic Going Left	10	PASS
Traffic Going Right	10	PASS

Calculation Summary							
Project: Obtrusive Light Calculations							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
House Row_Cd_Seg1	Obtrusive - Cd	N.A.	4093	5122	1850	0.45	0.36
House Row_Ill_Seg1	Obtrusive - Ill	Lux	0.00	0	0	N.A.	N.A.
Traffic going left	Obtrusive - TI	%	0.00	0	0	N.A.	N.A.
Traffic going right	Obtrusive - TI	%	0.00	0	0	N.A.	N.A.

Calculation Summary							
Project: Lux Levels							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Front Service Yard	Illuminance	Lux	52.80	156	21	0.40	0.13
Rear Service Yard	Illuminance	Lux	256.37	654	107	0.42	0.16

Luminaire Schedule

Symbol	Qty	Label	Arrangement	Description
	17	A	SINGLE	1 x 900w Amnis Flood with NST Optic Mounted @ 12m Heavy Duty
	3	A1	SINGLE	1 x 900w Amnis Flood with NFT Optic Mounted @ 12m Heavy Duty
	4	B	SINGLE	1 x 900w Amnis Flood with WST Optic Mounted @ 12m Heavy Duty
	18	C	SINGLE	1 x 160w LED Zactis Floodlight with FL50 Optic Mounted @ 8m
	8	EX1	SINGLE	1 x 200w LED Existing Floodlight Mounted @ 10m Wall Mounted

N

Project Title: Planning Document Europarts

Scale: 1:1000 at A2
Project Number: 45430
Date: 27/04/2022
Drawing No.: Rev F
Lighting Designer : MB

HEA Highway Electrical Association · HEMSA · ILP Institution of Lighting Professionals · SWECA Ancillary Contractor

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

A lighting applications design service is provided by us in good faith and without charge, relating to Kingfisher products only. As such, whilst every endeavor is made for accuracy from information provided by yourselves, the final responsibility for the suitability of the design lies with the client. The company cannot, therefore, accept any liability or consequential loss incurred.

A2