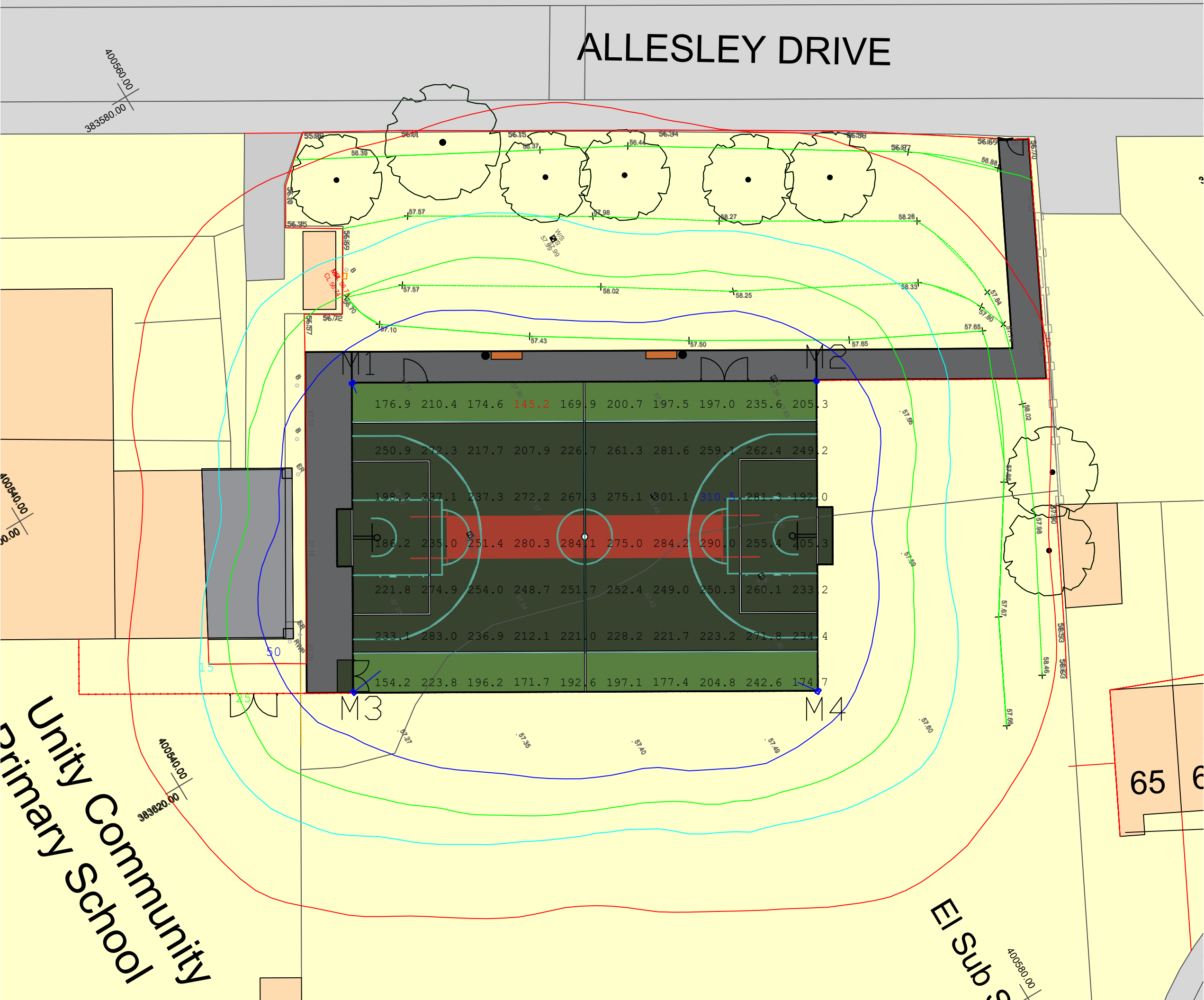




NOTES:

Floodlighting Equipment
4 x 6m Masts (M1-M4)
Each carrying the following Floodlights :-
M1-M4
...1 x Siteco FL21 Midi

Lamps = Siteco LED - 4,000K CRI 70

Illuminance Levels
Initial -
(100hrs) E.i.ave = 233Lux
Maintained -
(4000hrs) E.i.ave = 210Lux
Uniformity
Emin/Eave = 0.62
Emin/Emax = 0.47

Grid values in Lux(initial).
Grid interval = 3m.
Contour values in Lux (initial).
Contours: 5, 15, 25, 50 Lux.

Maintenance Factor = 0.90
(Based on a cleaning interval of 2 years)

EST. 1962

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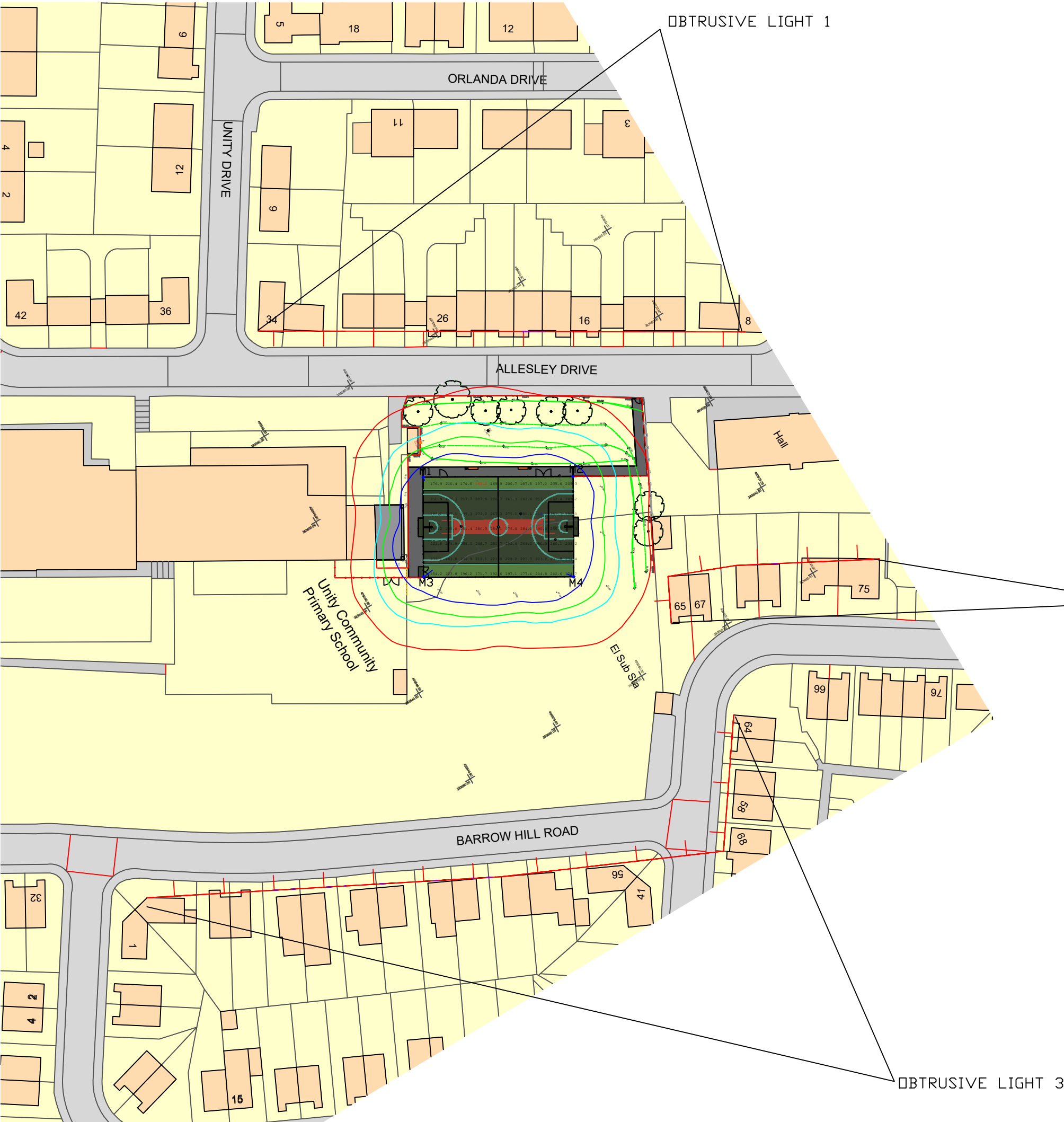
PROJECT NAME: Unity School	
DRAWING TITLE: Proposed Floodlighting Page 1: Pitch Levels	
DRAWN BY: JDW	DATE: 23/10/2024
CHECKED BY: JM	SCALE: NTS
DRAWING No: HLS9177	REVISION: REV 1

Unity Community
Primary School

El Sub. S

65 6

0	02/09/24	ORIGINAL ISSUE	JDW	JM
1	23/10/24	New Layout & changed to 200 lux	JDW	JM



Obtrusive Light - Compliance Report

CIE 150:2003, E2-Rural, Pre-Curfew
Filename: HLS9177-rev 1
23/10/2024 15:00:51

Illuminance
Maximum Allowable Value: 5 Lux

Calculations Tested (7):		
Calculation Label	Test Results	Max. Illum.
ObtrusiveLight_1_Ill_Seg1	PASS	1.3
ObtrusiveLight_2_Ill_Seg1	PASS	0.7
ObtrusiveLight_2_Ill_Seg2	PASS	0.2
ObtrusiveLight_2_Ill_Seg3	PASS	0.1
ObtrusiveLight_3_Ill_Seg1	PASS	0.1
ObtrusiveLight_3_Ill_Seg2	PASS	0.1
ObtrusiveLight_3_Ill_Seg3	PASS	0.1

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

Calculations Tested (7):	
Calculation Label	Test Results
ObtrusiveLight_1_Cd_Seg1	PASS
ObtrusiveLight_2_Cd_Seg1	PASS
ObtrusiveLight_2_Cd_Seg2	PASS
ObtrusiveLight_2_Cd_Seg3	PASS
ObtrusiveLight_3_Cd_Seg1	PASS
ObtrusiveLight_3_Cd_Seg2	PASS
ObtrusiveLight_3_Cd_Seg3	PASS

NOTES:
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...1 x Siteco FL21 Midi

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Maintained -
(4000hrs) E.i.ave = 210Lux
Uniformity
Emin/Eave = 0.62
Emin/Emax = 0.47

Grid values in Lux(initial).
Grid interval = 3m.
Contour values in Lux (initial).
Contours: 5, 15, 25, 50 Lux.

Maintenance Factor = 0.90
(Based on a cleaning interval of 2 years)

OBTRUSIVE LIGHT 2

OBTRUSIVE LIGHT 3



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PROJECT NAME: Unity School	
DRAWING TITLE: Proposed Floodlighting Page 2: Obtrusive Light	
DRAWN BY: JDW	DATE: 23/10/2024
CHECKED BY: JM	SCALE: NTS
DRAWING No: HLS9177	REVISION: REV 1

0	02/09/24	ORIGINAL ISSUE	JDW	JM
1	23/10/24	New Layout & changed to 200 lux	JDW	JM