

Horizontal illuminance maintained $z =$
Champion 2kw HQITS WNL @ 15m

Connected Design & Management (CDM) Support: The proposed lighting scheme and its supporting documentation have been reviewed by the CDM team and the following comments have been noted. The team noted as the Engineer for Performance and Safety, the information required under CDM regulations, (Team Lighting Labelled or its staff have not carried out a CDM risk assessment of this design).

Lighting calculations have been performed according to SLL or ILE standards and good design practice. Some differences between measured values and those calculated may occur due to calculation assumptions, such as the use of a 10% safety margin, or due to reflection losses, such as the design team's use of a 10% safety margin. Such differences may result in a 10% emergency lighting lux level, which is only indicative and not a liability for the information or competence of the second.

The information for the design team and Team Lighting has been provided to the design team and the design team has agreed to carry out a CDM risk assessment of this design. This design has been issued for construction and the design team does not conflict or contract in any way.

Calculation Summary						LPF Area Summary	
Label	Cat Type	Units	Avg	Max	Min	Min/Avg	Min/Max
Illuminance	Lux	57.20	519.6	0.0	0.00	0.00	
LPF Area						Total Wmts	UWLR
LPFArea 1						154663.2	0.000
Illuminance						154663.2	0.000

1 lux contour

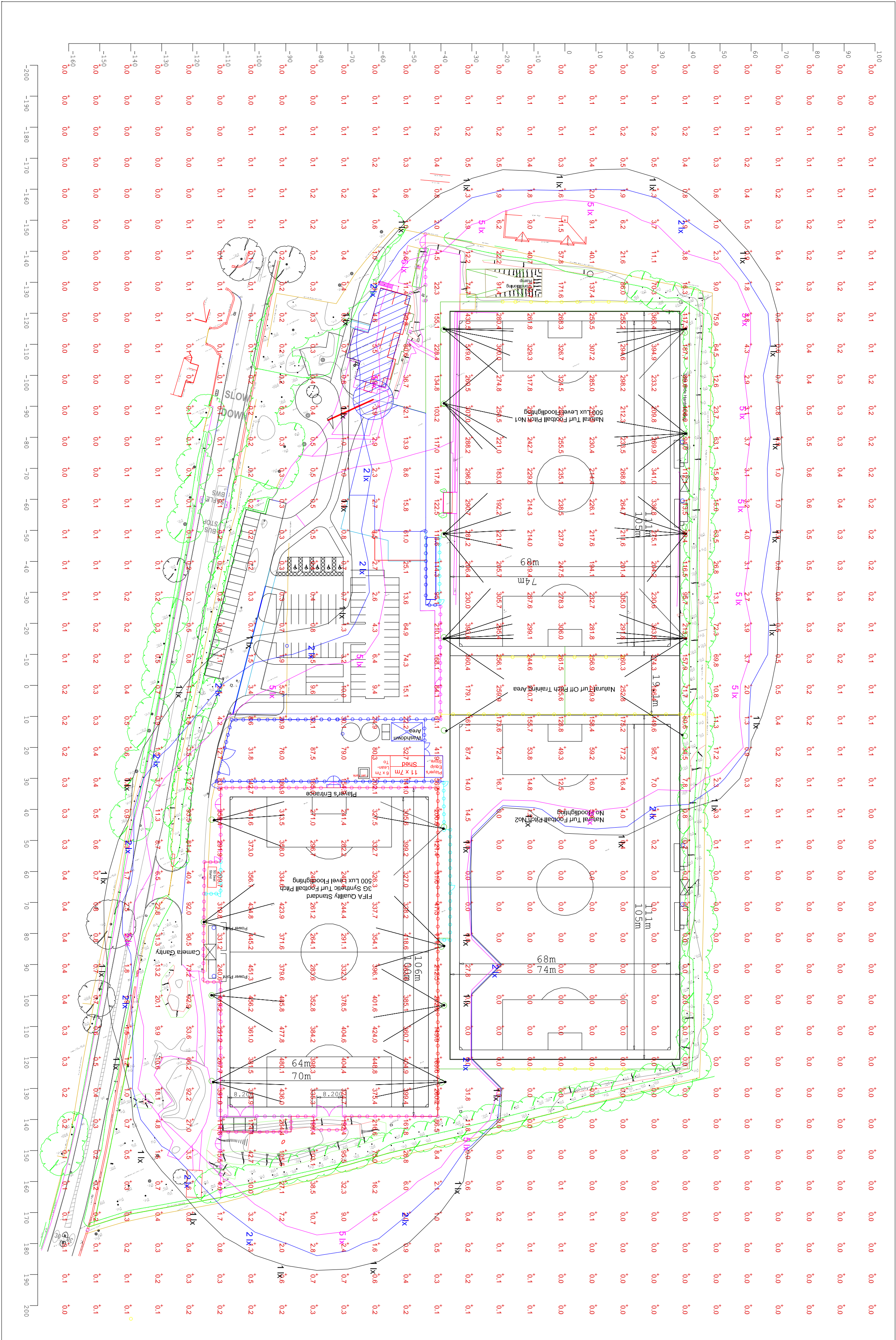
2 lux contour

5 lux contour

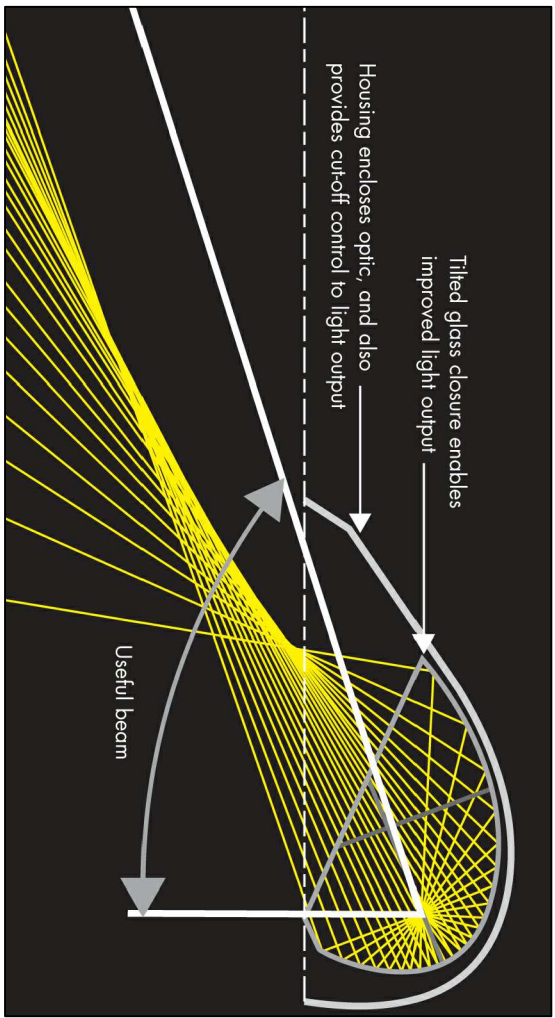


Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Min/Avg	Min/Max
Overspill	Illuminance	Lux	57.20	519.6	0.0	0.00	0.00

LPD Area Summary		
Label	Total Watts	UWLR
LPDArea_1	154693.2	0.000



Room Name	Room Type	Units	Area	Max. No.	Min. No.	Min. No.	Min. No.
Meeting Room	Meeting Room	1	65.50	162	317	175	0.51

[illegible]

Calculations Summary		Cell type	Incidence
Training area	Units	175.2	246
	Min	129	129
	Max	246	246
	Avg	175.2	246

The diagram shows a rectangular training area with a green border. The width is labeled as 175.2' and the height as 246'. The area is divided into a grid of smaller rectangles. The text 'Natural turf or pitch Training Area' is written in the center. The diagram includes various labels and calculations for the area and perimeter.

Labels and calculations shown in the diagram:

- Top width: 175.2' x 175.2' = 30,694.4
- Top height: 246' x 246' = 60,516
- Left width: 175.2' x 175.2' = 30,694.4
- Left height: 246' x 246' = 60,516
- Right width: 175.2' x 175.2' = 30,694.4
- Right height: 246' x 246' = 60,516
- Bottom width: 175.2' x 175.2' = 30,694.4
- Bottom height: 246' x 246' = 60,516
- Center text: Natural turf or pitch Training Area
- Perimeter calculation: 175.2' x 246' = 43,100
- Area calculation: 175.2' x 246' = 43,100

Calculations Summary			
Cell ID	1026	Unit	100
Training Area	171.72	Area	129
		Perim	0.0

LPO Area Summary	
Training Area	171.72
Unit	100
Area	129
Perim	0.0

Floodlighting and Electrical Services Limited
 Drawn by: NIV
 Checked by: -
 Scale: NTS @ A1
 Revision: 03
 Project/Lizard Ref.:
 Date: 07 03 18
 Drawing Number:

FOR APPROVAL

SAPCA
MEMBER

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