

**DATE:** 17 December 2013  
**DESIGNER:** Stewart Weaver  
**PROJECT No:** D21425  
**PROJECT NAME:** Whalley Muga



Spill light shown to 1 lux contour.

## **Outdoor Lighting Report**

**PREPARED BY:** Kingfisher Lighting Limited  
Ratcher Way  
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## Layout Report

### General Data

Dimensions in Metres Angles in Degrees

Grid Origin 408.5m x 33.3m

Area 92.9m x 91.9m

Sample Spacing 3.10m x 3.06m

### Luminaire

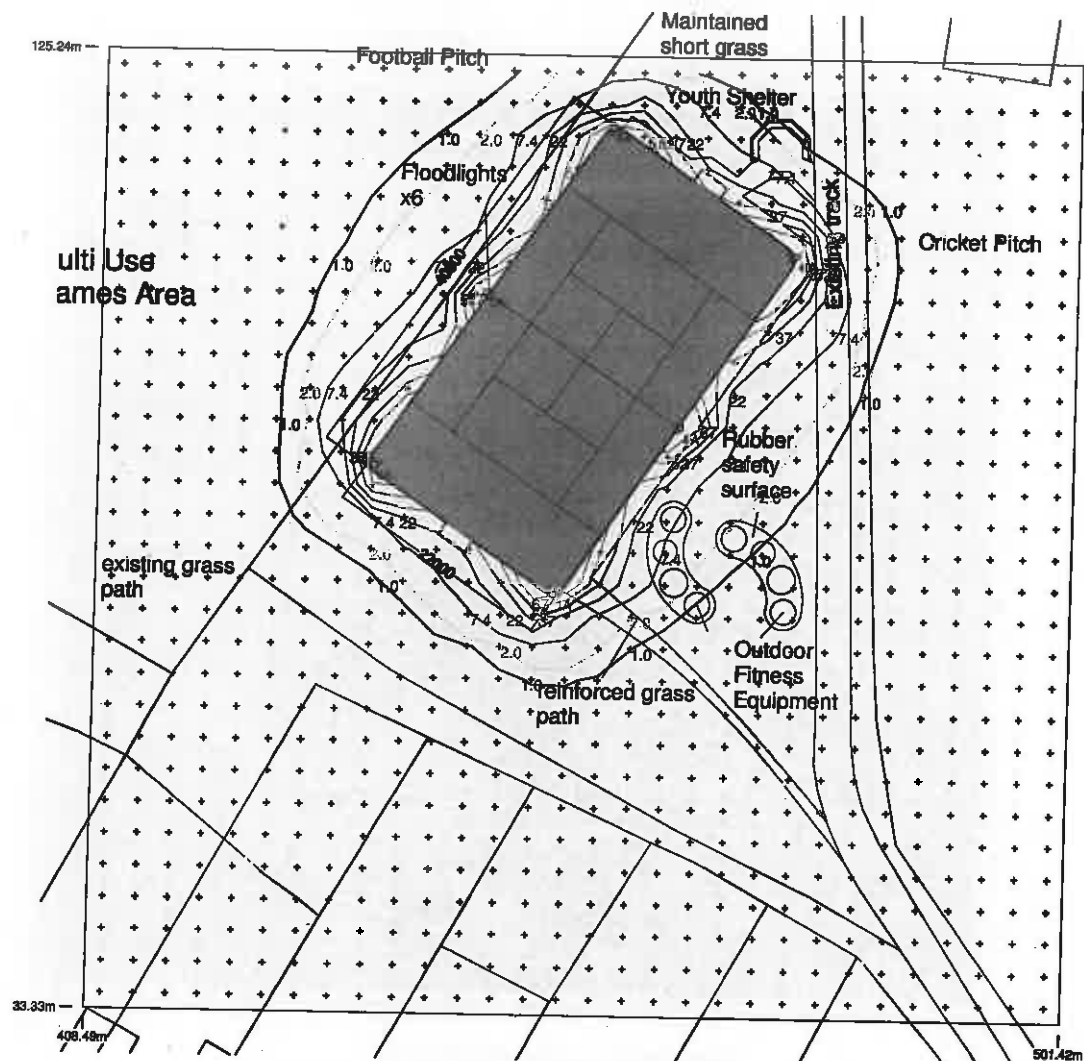
#### Luminaire A Data

|                      |                              |
|----------------------|------------------------------|
| Supplier             |                              |
| Type                 | 250w CDO-T Aludra floodlight |
| Lamp(s)              | 250w CDO-T                   |
| Lamp Flux (klm)      | 28.30                        |
| File Name            | AFA250CHKG.IES               |
| Maintenance Factor   | 0.85                         |
| Imax70,80,90(cd/klm) | 88.3, 3.7, 0.0               |
| No. in Project       | 6                            |

### Layout

| No. | Type | X      | Y      | Height | Angle  | Tilt  | Cant | Out-reach | Target X | Target Y | Target Z |
|-----|------|--------|--------|--------|--------|-------|------|-----------|----------|----------|----------|
| 1   | A    | 452.11 | 73.65  | 6.00   | 95.00  | 15.00 | 0.00 | 0.50      |          |          |          |
| 2   | A    | 463.86 | 89.68  | 6.00   | 146.00 | 15.00 | 0.00 | 0.50      |          |          |          |
| 3   | A    | 474.68 | 106.42 | 6.00   | 200.00 | 15.00 | 0.00 | 0.50      |          |          |          |
| 4   | A    | 456.70 | 118.40 | 6.00   | 278.00 | 15.00 | 0.00 | 0.50      |          |          |          |
| 5   | A    | 445.09 | 102.46 | 6.00   | 334.00 | 15.00 | 0.00 | 0.50      |          |          |          |
| 6   | A    | 434.96 | 85.71  | 6.00   | 28.00  | 15.00 | 0.00 | 0.50      |          |          |          |

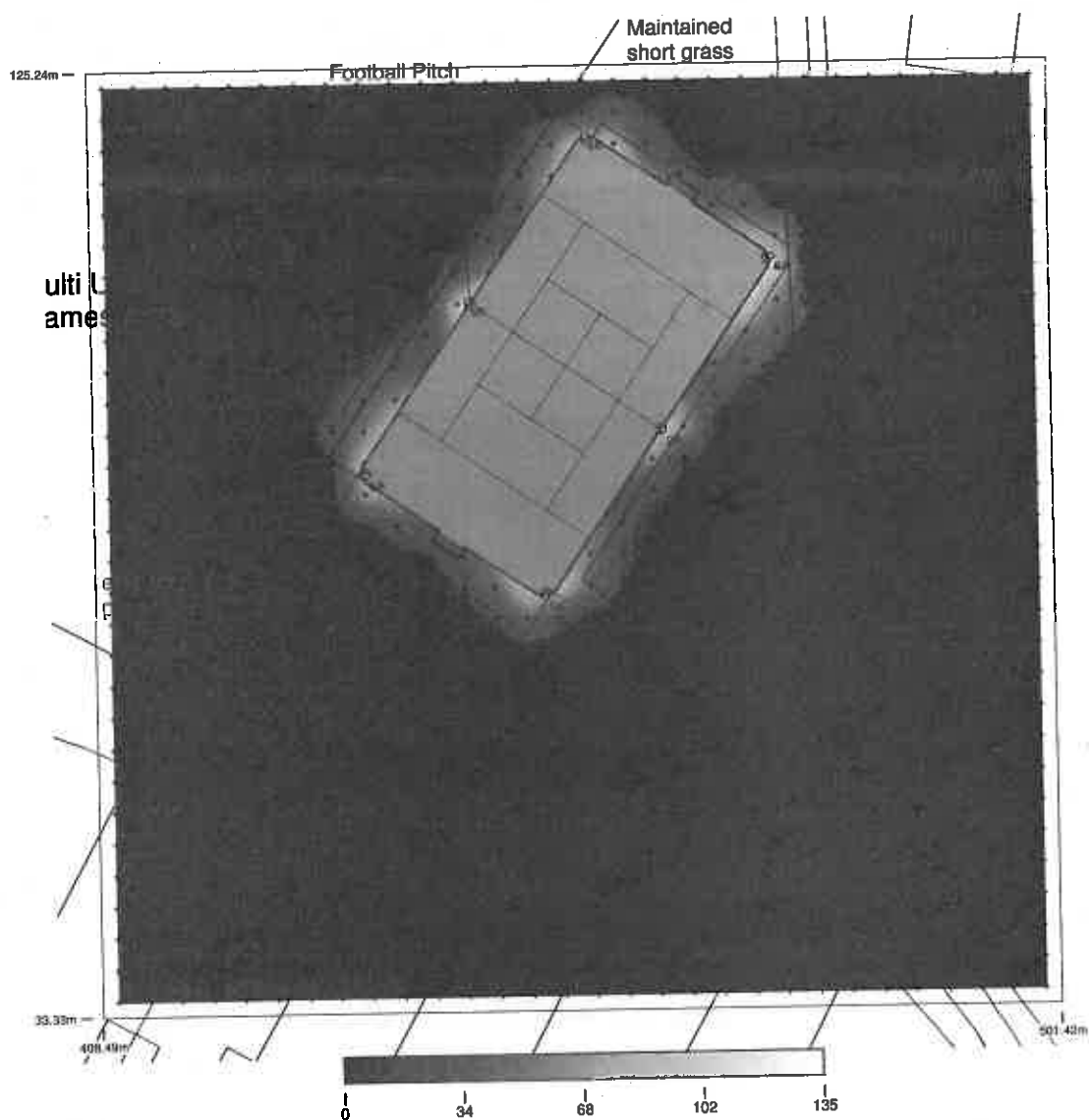
## Horizontal Illuminance (lux)



### Results

|           |       |
|-----------|-------|
| Eav       | 3.15  |
| Emin      | 0.01  |
| Emax      | 88.90 |
| Emin/Emax | 0.00  |
| Emin/Eav  | 0.00  |

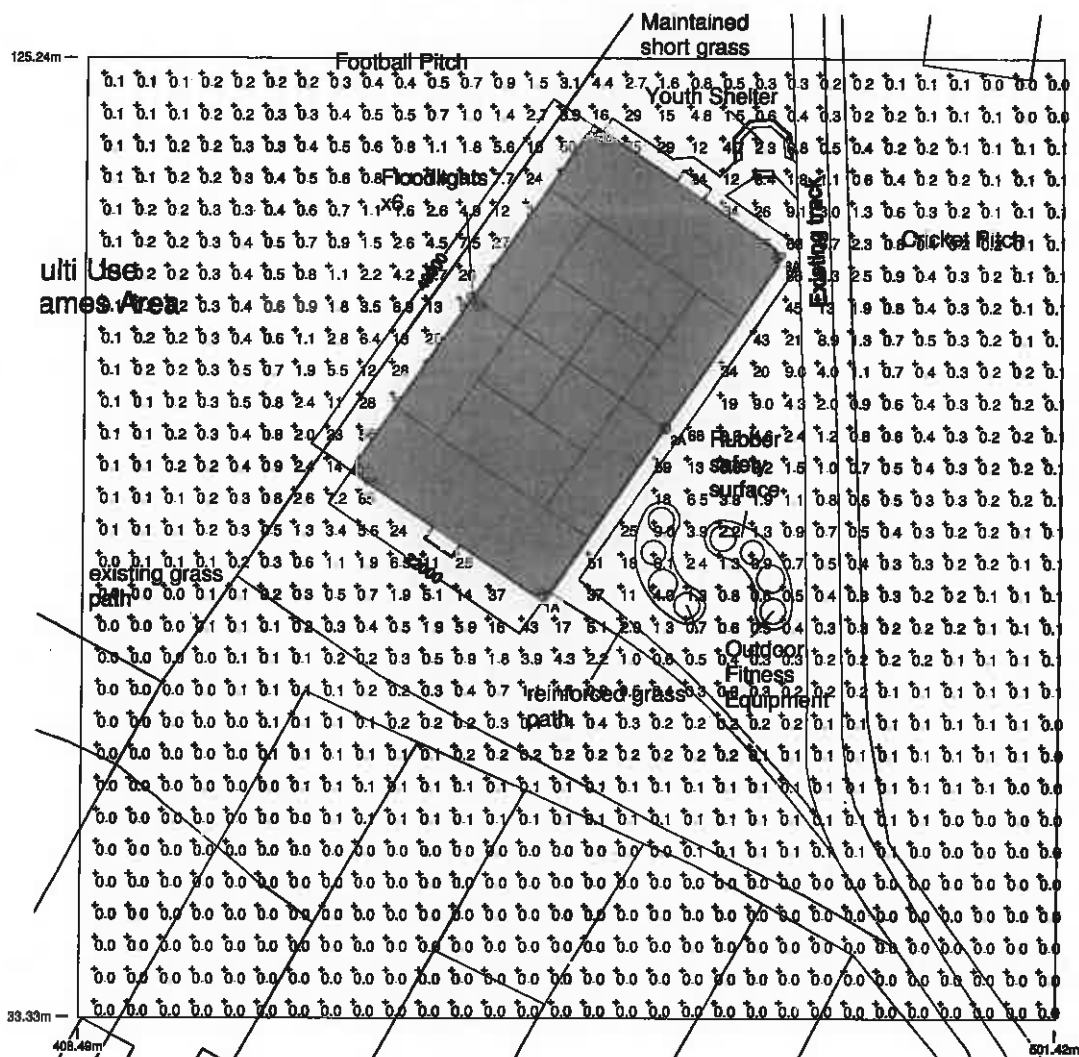
## Horizontal Illuminance (lux)



### Results

|                       |       |
|-----------------------|-------|
| Eav                   | 3.15  |
| Emin                  | 0.01  |
| E <sub>max</sub>      | 88.90 |
| Emin/E <sub>max</sub> | 0.00  |
| Emin/Eav              | 0.00  |

## Horizontal Illuminance (lux)



### Results

|           |       |
|-----------|-------|
| Eav       | 3.15  |
| Emin      | 0.01  |
| Emax      | 88.90 |
| Emin/Emax | 0.00  |
| Emin/Eav  | 0.00  |

