



THE HEIGHTS PRIMARY SCHOOL

OUTLINE SPECIFICATION FOR EXTERNAL SPORTS PROVISION

REV P01 First Issue
P02 Lighting to MUGA updated

1. Elements to be provided

- 1no. MUGA

2. Guidance:

2.1. Provision of the facilities should be in accordance with the following performance standards:

Facility	Performance Standard (where possible)
Multi-Use Games Areas (MUGA)	Sport England Type 2

3. Indicative layouts and relevant drawings

3.1. Please refer to:

- FS0280-TFC-V2-00-DR-L-1007: General Arrangement
- FS0280-TFC-V2-00-DR-L-1008: General Arrangement
- FS0280-TFC-V2-00-DR-L-1010: Fencing
- FS0280-TFC-V2-00-DR-L-4002: Construction Details
- FS0280-TFC-V2-00-DR-L-4003: Construction Details
- FS0280-TFC-V2-00-DR-L-4004: Construction Details
- FS0280-TFC-V2-00-DR-L-4006: Construction Details
- FS0280-TFC-V2-00-DR-L-4007: Construction Details
- Elementa drawings indicating lighting proposals
- Curtins drawings indicating drainage and civil / structural engineering detail

4. Detailed design

4.1. The contractor is to provide detailed layouts for construction of the MUGA, including surfacing, fencing, drainage and setting out for approval, with close liaison with Kier and the design team.

5. MUGA details

- 5.1. The Contractor shall provide 1 no. porous macadam surfaced Type 1 MUGA in accordance with 'Sport England's Artificial Surfaces for Outdoor Sport Design Guidance'.
- 5.2. The MUGA shall include appropriate dimensions to suit primarily netball, 5-a-side football and basketball. The priority sport is to be netball.
- 5.3. The size of the MUGA fenced area is to be 18.6m x 37m to allow for run off areas as per Sport England recommendations.

- 5.4. Dimensions of markings will be in accordance with Sport England's Comparative Sizes of Sports Pitches and Courts Guidance and should be checked against relevant National Governing Body Guidelines.
- 5.5. The Contractor should allow for the MUGA drainage strategy to work with the overall site strategy. The responsibility for the detailed design is to be undertaken by the contractor, with liaison with Kier and Curtins (civil engineers) to ensure overall compliance with the drainage strategy for the wider site.
- 5.6. Surfacing to be to be coloured low cushioned polymeric surface with line markings. Colour to be confirmed.
- 5.7. Fencing should be installed to the full perimeter of the MUGA. Fence to be 868 type, rigid panel twin-bar fencing in accordance with manufacturers' installation guidelines. Where fencing sits above the pre-cast retaining wall, the MUGA fencing is to be flush with the face of the wall. Indicative details have been provided to show the anticipated construction, however these are to be developed by the Contractor as part of the detailed design. Fencing to be finished in PPC Black, RAL 9005.
- 5.8. Overall height of the fencing above ground level (either the free-standing fence or above retaining wall) is to be 3m throughout.
- 5.9. The requirement, or not, for rebound fencing is to be determined by the Contractor. It may be that the retaining wall is sufficient to perform the same function for parts of the MUGA.
- 5.10. The MUGA will be accessible through four gates:
- Double gate in eastern boundary (primary school access)
 - Double gate in western boundary (secondary school access)
 - Double gate in southern boundary (primary community access)
 - Single gate in southern boundary (secondary community access)
- 5.11. Gates are to be proved with door furniture to allow for padlocks and one leaf with drop bolt.

6. Lighting:

- 6.1. MUGA lighting is required for to facilitate school use in winter months as necessary and year round community use for netball. The responsibility for the detailed design is to be undertaken by the contractor, with liaison with Kier and Elementa (M&E engineers) to ensure overall compliance with the lighting supply and control strategy for the wider site.
- 6.2. Elementa have advised that lighting lux levels are to 400lux at floor level with uniformity of 0.7. This should be reviewed and confirmed by the contractor.

7. Markings:

- 7.1. Line markings are to be provided for the following:
- **Netball**
 - **Football**
 - **Basketball**
- 7.2. All markings to be in accordance with appropriate sports governing body guidance.

8. Equipment

At the current time the installation does not include football goals, netball posts or basketball hoops, however this should be confirmed by Kier.