

Artificial Grass Pitch

Artificial Grass Pitch: Mini-Soccer U9/U10 (61 x 43 m) & U7/U8

Scale: Approx 1:500 @ A3

Notes:

This is an indicative drawing and should be read in conjunction with Sport England's Design Guidance Note '**Artificial Surfaces for Outdoor Sport**' and related NGB guidance.

DO NOT SCALE FROM THIS DRAWING

ALL DIMENSIONS ARE IN METRES

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- Assumes a level site (no cut and fill).
- Topsoil (200mm depth) excavated. Sub-soil excavated and carted from site. Formation beneath trimmed and graded to form a plateau having a single plane gradient not exceeding 1%. Cart off site 200mm depth of topsoil and 230mm depth of subsoil - Some topsoil kept on site for landscaping around pitch.
- Geotextile membrane placed onto formation beneath.
- 300mm stone depth (250mm MOT Type 3 and 50mm MOT Type 1) placed on to formation in layers not exceeding 150mm. Final 50mm machine laid.
- Perimeter PC concrete edgings.
- 65mm depth of porous macadam (40mm depth of 20mm nominal aggregate size and 25mm depth of 10mm nominal aggregate size). Macadam machine laid.
- Weldmesh fencing (4.5m high) including single and double gates (positions are indicative subject to site arrangement and recesses for goal storage. A central divider (curtain) net is often specified to separate the two cross pitches.
- Services assumptions are based upon adequate power supply and a drainage outfall being available on site within 20m of edge of pitch.
- Pitch lateral drainage system.
- No special ground conditions (i.e. ground stabilization or decontamination are excluded).
- Slabbed mowing strip outside fence line.
- 6 x 15m high column floodlighting system giving 200 lux. Switching arrangement for half pitch lighting desirable.
- Artificial Grass Carpet (type and pile length e.g. 3G 40mm - 3G 60mm etc. as defined in the Kitbag Facility Costs document) 15mm insitu shockpad and line markings (white for Senior and blue for U7/U8). Artificial surfacing system to meet current NGB performance requirements.
- Includes Sports Equipment (12' x 6' football goals), Maintenance Equipment (tractor and drag brush), Path to pitch (not shown) and reinstatement.
- Layout includes pitch, run-off and fence/gates only. Site, car parking, pavilion are excluded.
- Sports pitch use also includes two U7/U8 cross pitches (which are smaller than the recommended size, but acceptable for matchplay use as per FA guidance) and recesses for goal storage.
- Pitch size and line marking layouts to be approved by all stakeholder groups including funders and NGBs at the design stage

The diagram shows a rectangular sports field layout. At the top is a solid green rectangle. Below it is a light green rectangle. In the center is a rectangle with a dashed black border. Below that is a small black icon of a sports field with a central circle and two side areas. At the bottom are three horizontal lines: a short orange line, a medium blue line, and a long purple line. A small blue circle is at the bottom left.

Pitch area and in-goal area

Safety margin 3 m wide

Fencing

Indicative sports lighting column location

80 mm Ø corrugated perforated diagonal laterals @ 5 m intervals

150 mm Ø corrugated perforated collector to pitch perimeter

150 mm Ø non-perforated twin wall smooth pipe

Inspection Chamber/Catch Pit

