

Artificial Grass Pitch

Artificial Grass Pitch: Hockey and Mini-Soccer U9/U10 (101.4 x 63 m)

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

[Click here for current 'Design and Cost Guidance'](#)

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Artificial Grass Hockey Pitch 101.4m x 63m inc Mini-Soccer U9/U10 & run-off
Total overall pitch area: 6,548 m²

Includes:
Pitch including run-off & continuous perimeter fence.

Outline Specification, Assumptions & Exclusions:

- 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 200mm 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.
- 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.
- 8 x 15m high column floodlighting system giving 500 lux. Switching arrangement for lower training level and half pitch lighting desirable.
- Artificial Grass Carpet (type and pile length e.g. 18mm sand dressed or 23mm sand filled as defined in the Kitbag Facility Costs document) insitu 15mm or 18mm shockpad and line markings (white for Hockey and blue for Mini-soccer). Artificial surfacing system to meet current NGB performance requirements.
- Includes Sports Equipment (Hockey and 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 and pavilion are excluded.
- Sports pitch use includes two Mini-Soccer U9/U10 cross pitches meeting FA current guidance and recesses for goal storage.
- Pitch size and line marking layout to be approved by all stakeholder groups including funders and NGBs at the design stage.

KEY

- Pitch area
- Pitch safety area (e.g. run-off) 3m wide same material as pitch.
- Pitch safety area (e.g. run-off) tarmacadam 1m wide to sides and 2m wide to ends.
- 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

