Artificial Grass Pitch: Rugby League
(122 x 74 m)

Scale: Approx 1:500 @ A3
Notes:
This is an indicative drawing and should be read in conjunction with Sport England’s Design Guidance ‘Artificial Surfaces for Outdoor Sport’ and related NGB guidance.

In-goal area

122 m x 74 m inc. run-off
Total overall pitch area: 9,628 m²

Includes:
Pitch size is based upon RFL preferred sizes including In-goal areas and run-off. Continuous perimeter fence provided to perimeter of run-off.

Outline Specification, Assumptions & Exclusions:
- Assumes a level site (no cut & fill).
- Topsoil (200mm depth) excavated, sub-soil excavated and cantilevered from site, forming a berm and graded to form a pleasant, single plane gradient not exceeding 1%.
- Centreline 200mm depth of topsoil and 250mm depth of subsoil.
- Some topsoil kept on site for landscaping around pitch.
- Geotextile membranes placed onto formation beneath.
- 300mm stone base (200mm SLT Type 3 and 100mm LDH Type 1) placed on to form drainage layers not exceeding 150mm. Final 50mm machine laid.
- Perimeter FC concrete edging.
65mm depth of pervious macadam (40mm depth of 20mm nominal aggregate (4a) and 25mm depth of 10mm nominal aggregate (4b)), Macadam machine laid.
- White mesh fencing 5m high all round and additional 5m netting belted to the goals at each end and including single and double gates (positions are indicative subject to site arrangement).
- 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 stabilisation or decontamination are excluded).
- Skirted moving soils outside fence line,
- 8 x 15m high volume flooding system giving 200 l/s,
- Artificial Grass Carpet 30-60mm-65mm carpet plus 25mm infill shockpad and line markings, Artificial surfacing system to meet current NGB performance requirements.
- Includes Sports Equipment (Rugby posts), Maintenance Equipment (tractor and drag brush), Pitch to pitch (not shown) and refillment.
- Layout includes pitch, run-off and fence/gates only, Site, car parking, pavement are excluded.
- Multi-sport pitch use is excluded. If cross pitch markings are to be applied, necessary for pitch goal storage have to be included in the fence line which will impact upon both overall pitch area and site area requirements.
- Pitch size and line marking layout to be approved by all stakeholder groups including funders and NGBs at the design stage.

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