

Athletics Track: 8 Lane
(184.90m x 109.59m)

Scale: Not To Scale.

Notes:

This is an indicative drawing and should be read in conjunction with Sport England's Design Guidance Note **'Athletics'** 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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Athletics Track 8 Lane 184.90m x 109.59m
Total overall area: 16,849 m²

Includes:

8 lane 400m athletics track, sports lighting, 110m straight at both sides, natural turf infield and artificial throws, one end fan double ended pole vaults and dual direction twin long/triple jump and all required safety run-off areas.

Assumptions/Exclusions:

- The track infield is assumed to be natural turf for athletics use with only one 'D' synthetic surfaced as the track. Refer to Sport England's DGN's Natural Turf and Athletics for further details.
- Provision for spectator seating/stadia, changing facilities, equipment storage etc are excluded and are subject to extent of athletics use on site e.g. school/club and level of competition.
- It is assumed that the site is level.
- It is assumed that suitable water and electricity supplies and a suitable drainage outfall are available within 20m of the track.
- All sports lighting columns and feeder pillars are located outside the barrier - the number, position and size of fittings shown are indicative, assume lighting the track and outer event areas only and are subject to specialist design and obtaining planning permission.
- Topsoil stripped (200mm), approximately 5% of topsoil retained on site for landscaping purposes and surplus removed from site.
- Subsoil excavated to a depth to suit finished track level and removed from site.
- Infield soils assumed to be levelled, modified, cultivated and fertilised as necessary to allow the growth of good quality grass for throwing purposes only.
- Drainage assumes a normal clay-free permeable subsoil and a porous synthetic surfacing. Includes diagonal laterals at 5m centres below the infield, connected to a buried collector drain around the inner edge of the track. Transverse drains across the track at 5m intervals also connected to the inner perimeter collector. Drains under the runways. Diagonal lateral drains under the D connected to the collector drain. One crossing point to bring drainage to the outside of the track to the outfall. The drainage design will need to be developed to suit actual soil conditions on site.
- 4 ducts under the track, one at each tangent point, with a dry chamber at each end.
- Geotextile membrane placed over the formation of the entire area of construction.
- On all areas of construction 380mm depth of stone, placed in layers 150mm deep, top 50mm laid through a paver. MOT Type3 lower layers with Type 1 for top layers.
- Kerbing to the track inner perimeter and to the straight side of the D - 150 x 125mm set upright. Slotted channel around the curved side of the D. Track outer perimeter 150 x 125mm set upright. Jumps runways to be defined by 150 x 50mm edgings. Pole vault landing areas and surrounding areas defined by 150 x 50mm edgings. Long jump landing areas formed with 300 x 50mm soft topped kerbs, with sand traps outside.
- Paved areas inside and outside the track at both Finish lines for timekeepers' stands (not shown).
- Pedestrian barrier around the athletics facilities plus paved mowing strip retained by a 150 x 50mm edging kerb (not shown). Gates and openings in the barrier with clean approach routes, for maintenance and users' access.
- Steeplechase water jump, with water supply and controllable drainage.
- On all areas of construction; 2 layer macadam, 65mm deep, machine laid.
- Synthetic surfacing on the athletics track, the high jump fan, the steeplechase water jump and all runways complying with the requirements of UK Athletics/IAAF. The kitbag is based upon a synthetic permeable sandwich system.
- One concentric circle for hammer/discus inc foundations for the cage, area within the cage footprint paved.
- Two javelin runways.
- One shot circle with grass sector (part of natural turf infield).
- Double Pole Vault runway with central, double-ended landing area outside track and one double-ended runway with two landing areas inside track.
- Includes Sports Equipment (not shown unless noted) hurdles, hammer/discus cage for concentric throwing circles (shown), wheelchair fixing points on throwing circles and javelin runway, landing mattresses, Miscellaneous equipment, including pole vault uprights/rails, high jump uprights/bars, tapes, shots, javelins, hammers.

Key

Natural turf infield area

Competition area

Safety area (e.g. run-off)

Indicative sports lighting column locations.

Slotted drainage channel around the junction between the D and the circuit

80 mm Ø corrugated perforated diagonal laterals @ 5 m intervals

160 mm Ø corrugated perforated collector to pitch perimeter

150 mm Ø non-perforated twin wall smooth pipe

Inspection chamber/Catch Pit

