

STRI Report Extracts	CDL Proposed Specification	Comments
Topsoil Strip (4.1.2)		
Strip topsoil to the full depth.	Strip topsoil to the full depth.	As STRI.
Earthmoving and Grading (4.1.3)		
Max fall of 1:100 .	Fall of 1:140 .	- Less than max fall of STRI report. - More than adequate for drainage. - Improvement for playing purposes.
Fill material cut, laid & spread in consecutive layers to no deeper than 250mm, ensuring even consolidation.	Fill material cut, laid & spread in consecutive layers to no deeper than 250mm, ensuring even consolidation.	As STRI.
Loosen subsoil at a depth of 400mm at 600mm centres.	Loosen subsoil at a depth of 400mm at 600mm centres.	As STRI.
Topsoil Return and Grading (4.1.4)		
Topsoil graded to provide 175mm cover .	Topsoil graded to provide 300mm cover .	- Improve moisture retention and root development. - Helps reduce the ongoing maintenance requirements.
Piped Drainage (4.1.5)		
80mm perforated land drains.	80mm perforated land drains.	As STRI.
600mm deep backfill with 6mm-10mm angular gravel or broken stone, to within 150mm of surface . Trench to be 150mm wide. Laid at 3m-4m centres.	450mm deep backfill with 10mm stone to within 100mm of surface and topped up with 70:30 rootzone (soil/sand mix). Trench to be 150mm wide. Laid at 4m centres.	Specification proposed is standard industry practice. No benefit to 600mm (Vs. 450mm) backfill as drains will be well below topsoil, no benefit to draining well in to subsoil.
Drains to be laid diagonally .	Drains to be laid in direction of fall .	Specification proposed is standard industry practice.
Main drain pipes of 125mm, 150mm and/or 200mm.	Main drains of 160mm perforated pipe.	
Pipes being laid to a minimum invert depth of 750mm .	Pipes to be laid to a minimum of 500mm .	Invert follows from backfill depth noted above.
Main drain trench to be cut minimum 50mm wider than the outer diameter of the pipe.	200mm trench to be dug for the main drain (40mm wider than the 160mm pipe).	
Outlet (4.1.6)		
Comments regarding outlet.	Drainage to attenuated surface water overall site system. Approved by planning conditions.	
Cultivations and Import Sand (4.1.7)		
Cultivate topsoil to a depth of 125mm.	Cultivate topsoil to a depth of 125mm.	As STRI.

Supply fine-medium sand and form even layer 25mm - 30mm deep. - Sand should be worked into the upper 70mm surface of the soil. 2nd even layer of the approved medium-fine sand 25mm deep. - Worked into the upper 35mm surface.	Lay sand carpet to a depth of 8mm and brush into the surface.	Recommended only 8mm sand carpet, given irrigation requirements from Westfield Football Club. The existing topsoil is also free draining.
Seed Bed Preparation (4.1.8)		
Seedbed to be prepared incorporating a granular fertiliser such as 10:15:10 at 500kg/ha.	Seedbed to be prepared incorporating a granular fertiliser such as 10:15:10 at 500kg/ha.	As STRI.
Seeding (4.1.9)		
Supply and sow perennial ryegrass. An appropriate mixture would be: - 80% Perennial ryegrass. - 20% smooth-stalked meadow-grass. To be sown at 350 kg/ha.	Supply and sow perennial ryegrass. An appropriate mixture would be: - 80% Perennial ryegrass. - 20% smooth-stalked meadow-grass. To be sown at 350 kg/ha.	As STRI.
Sand Banding (4.1.12)		
When surface is stable, install system of sand bands using Blec SandMaster or equivalent. - Sand bands introduced to 250mm-260mm centres, min depth of 175mm.	When surface is stable, install system of sand bands using Blec SandMaster or equivalent. - Sand bands introduced to 250mm-260mm centres, min depth of 175mm.	As STRI.
Maintenance (12 Months - Estimated Costs)		
	20 cuts with rotary mower.	£5,200.00
	Supply and spread with spring summer fertiliser x3.	£1,450.00
	Overseed with 13 bags of the same seed.	£1,495.00
	Vertidrain (aeration of the pitch) x2.	£1,000.00
	Supply and spread 100T of medium coarse sand x2.	£8,100.00
	Weed spray if necessary.	£700.00
	Pest and disease spray if necessary.	£900.00

Following sowing, Judges have been commissioned to undertake a 12 months maintenance contract to ensure the establishment of the pitch by CDL. This is at CDL's cost.

This maintenance is also recommended on an annual basis, however, it is noted that many pitch owners do not always undertake sand spreading on an annual basis, given the cost implications.

The estimated costs are quoted by P.W Judges and Son. However, the football club may of course make their own ongoing arrangements.