



NOTTINGHAM UNIVERSITY SAMWORTH ACADEMY Nottingham

Project: Construction of artificial turf pitch and play areas
Client: Nottingham Academies
Contract Supervisors: White Horse Contractors Ltd.
Contract Value: £376K



White Horse Contractors (Northern) Ltd were appointed to construct a new artificial turf pitch for football & hockey use to be part of a scheme that included several other macadam surfaced MUGAs for tennis and netball use, on a site adjacent to the new school building.

After discussion with the school regarding school sports to be played, WHC(N) proposed that the 40m x 25m ATP should be a 24mm pile sand-filled surface to meet the requirement of being suitable for football and hockey.

The underlying soils at the site were inherently unstable with high moisture content sub soils being encountered. Design for the sub base construction and for flood light column bases had to allow for spreading and supporting the load that would be installed.

The formation required to be bolstered with geogrid prior to spreading the 250mm of stone for the sub base. The construction of the ATP allowed for a macadam base with a 15mm shock pad below the carpet.

WHC (N) completed construction within a 12 week period. This included all lighting, drainage and sports fencing.