



SIS Pitches Method Statement

For

**Refurbishment of existing pitch to form 1 no. new
97 x 61m Community 3G AGP Football Pitch to
FIFA Quality**

at



**Manchester Academy
Moss Lane
Manchester
M14 4PX**

SIS Ref: 21-9008

Client Ref: BM28424



As a part of SIS Group



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1. Planning & Design Schedule

- 1.1 A full new planning application will be required and costs associated with the known required reports have been included.

Costs for the planning submission are deemed to be included within the “Design Fees” noted within the tender summary.

We envisage a period of 12-14 weeks statutory planning period from submission, with a 4 week period to prepare and submit the application.

We will try to mitigate any pre-commencement planning conditions being imposed, but note the above does not include for any conditions being discharged, nor have any costs been included for unknown costs associated with conditions.

- 1.2 Further investigations will be carried out to establish the following:
- Further utilities searches will be undertaken. Buried or private services may also be present that will not show on Statutory Undertakers Searches
 - Further investigation will be required to ensure proposed drainage connections are a viable solution. A comprehensive drainage assessment will be required to determine the impact on capacity and feasibility of utilising the existing system.
 - An arboriculture surveys will establish any tree constraints and root protection areas of the nearby trees. This will highlight any required mitigation.
 - A floodlighting survey will determine the impact of the lighting on the surrounding area

2. Procedures

All site operatives carrying out work onsite will be required to read and understand task specific method statements and risk/COSHH assessments relevant to the work they will be undertaking.

2.1 COVID-19:

- Normal OHS requirements must be maintained.
- Additionally, risk assess every task, taking into consideration the COVID-19 hazard.
- Communication and proximity appears to be the most common and riskiest task for COVID-19, so consider the need for communication and how it will be carried out.
- Minimise visitors and new employees to site. Non-essential visitors should be requested not to attend site.
- If necessary, screen every visitor or new employee to site.
- Recording of temperatures MUST be undertaken and recorded twice daily within the register provided (Ref: SIS Register Covid-19)
- Ensure a designated SIS employee (Site supervisor) is on-site to maintain additional provisions for COVID-19.
- Maintain up to date contact list for employees in the event somebody doesn't show up for work.



- Where possible, be aware of current health condition of employees, particularly respiratory-related and reassure employees of our approach to health issues.
- Minimise transfer of employees between teams or sites.
- All drivers to remain in vehicles unless necessary for them to operate. Ensure safe distance is kept.

Welfare facilities ONLY to be used by SIS Employees or contractors. No usage will be allowed for delivery drivers or visitors

2.2 PPE:

At all times on site in accordance with Company Policy all personnel will wear mandatory PPE: hard hat (when required), high visibility vest/ jacket and safety footwear. Other items of PPE must also be worn according to tasks being carried out and as identified by Risk Assessments and COSHH Assessments.

2.3 Plant Machinery:

Plant machinery used during the refurbishment will have been serviced, maintained and in good, safe working order. Any relevant certificates for the plant will be kept in the site office. Only trained personnel will be authorised to operate the plant machinery.

2.4 Training Requirements:

All operatives to hold current and valid certification for all works carried out.

2.5 Environmental Considerations.

Substances used on site to be stored in manner to contain any spillages. All static plant to have drip trays placed beneath. Emissions i.e. plant, dust to be monitored at all times. All special waste to be removed by licensed contractors to licensed waste disposal premises.

2.6 Monitoring / Supervision Requirements.

Site supervisor to monitor all activities on a daily basis.

2.7 Emergency Procedures.

Administer first aid/contact emergency services as required, then contact head office by the fastest practicable means.

3. Site setup and deliveries

- 3.1 Access into the site will be via the given site entrance. All site traffic and deliveries will access the site off **Denmark Road and through the entrance to the north west of the pitch.** The entrance and access will be secured by the erection of Heras fencing.
- 3.2 Site security fencing will be provided and erected around the site compound and work area by SIS and maintained during the construction duration. This will ensure the public is segregated from the works at all times.



- 3.3 Site storage and welfare facilities will be delivered to site and off loaded by Hi-Ab lorries to the designated areas within the site compound. Site office and canteen cabins will be connected to temporary site power and water supply.
- 3.4 Appropriate fencing shall be erected around personnel cabins to segregate pedestrians from site traffic within site compound
- 3.5 Relevant signage will be erected around the site to inform site operatives and visitors of site procedures and rules etc.
- 3.6 A firefighting post will be setup in the site compound area with relevant signage and information.
- 3.7 All site operatives and visitors will be required to sign in at the site office before entering the work area on a daily basis. Sign in will also include:
 - Completion of a daily COVID-19 questionnaire
 - Temperature taken twice a day and results recorded
- 3.8 All site operatives and visitors will wear high visibility clothing and safety boots along with other necessary PPE when required.
- 3.9 A hand cleaning station will be setup with relevant COVID-19 signage and information.
- 3.10 All SIS site operatives and sub-contractors will be required to attend a site induction before starting work on site to be informed of site rules, procedures and health and safety issues. SIS site manager will be responsible for carrying out these inductions.
- 3.11 SIS tools and materials will be transported to site and stored in storage containers by SIS personnel. Storage containers and cabins will be locked and will be responsibility of SIS only.
- 3.12 Plant machinery will be delivered as and when required on articulated or rigid lorries and stored in a locked area when not in use.
- 3.13 Construction materials will be delivered to site throughout the construction phase on various sized transportation. Materials will be off loaded, either by Hi-Ab or onsite telescopic handler. Efforts will be made to stagger deliveries as to avoid traffic congestion. All deliveries, including plant and machinery will take place away from public areas and will be unloaded into a secure area and stored safely in lockable containers where possible. Materials will only be procured and delivered within a few days of those materials being installed as part of the works programme. These materials will be securely stored in lockable areas
- 3.14 All drivers to remain in vehicles unless necessary for them to operate. Ensure safe distance is kept. Welfare facilities ONLY to be used by SIS employees or contractors. No usage will be allowed for delivery drivers or visitors
- 3.15 Deliveries will be timed to avoid peak hours for the school & the surrounding area. No abnormal loads will be required, and all vehicles will have room to enter and exit the site in a forward gear. Deliveries will be staggered to avoid congestion



- 3.16 Hours of operation on the site will be 07:30 – 18:00 Monday – Friday and 08:30 to 14.00 Saturday. No work will take place on Sundays and bank holidays. A 24 hour emergency contact number (07885 973904) will be provided on site signs in case of emergency.
- 3.17 The site manager will carry out a letter drop to the surrounding residential/business properties of the site in advance of the work starting, which will contain working hours, site contact number and duration of the works as a minimum.

4. Access/Egress and Site Plan





Proposed Access Route



5. Site clearance, Excavation & Groundworks

- 5.1 Any mitigation measures arising from surveys/investigations will be carried out prior to commencement of works
- 5.2 Lop back the row of trees to the north of the pitch & install root barrier.
- 5.3 The existing synthetic carpet will be cut using a stihl saw into 2-4 metre wide strips by a competent person provided with safety goggles, mask and gloves. The carpet once cut will be approximately 10-15 metres in length and rolled using a 2cx/ Airmaster. The carpet once rolled will be transported from the pitch using a telehandler and then stored in a suitable safe place either in the compound or another fenced off area. The carpet will be loaded using a telehandler onto a certified waste transfer carrier and taken for recycling to a licensed recycling yard. This will be fully recorded in our site waste management plan

The above operation will be carried out by 4 operatives. Plant machinery used during the construction will have been serviced and maintained and in good, safe working order. Any relevant certificates for the plant will be kept in the site office. Only trained personnel will be authorised to operate the plant machinery.

- 5.4 Lift, strip, remove and dispose offsite the existing shock pad; carefully and sequentially using vehicles with low-flotation tyres (in order to prevent damage to the underlying pitch base) and dispose of as above
- 5.5 Remove the following and dispose of offsite in line with environmental regulations:
 - Existing PCC kerbs
 - Existing floodlighting system including columns & bases
 - Existing fencing
 - Existing sports equipment
- 5.6 Apply Weed killer to the pitch and pitch perimeter.



6. Drainage

- 6.1 Carry out CCTV survey and jet washing of existing drainage and outfall and report on findings.

7. Pitch Foundation & Base works

- 7.1 Power clean and assess the existing base and carry out any repairs required
- 7.2 We will be using the existing pathway to the south of the pitch as a new recesses area measuring 61 x 2m. We have included to overlay this area with 25mm of 6mm macadam. We have included for a new recess area to the north for the pitch, finished in two layers of macadam, this will sit the new swing out senior goal 12 x 0.5m.
- 7.3 The perimeter of the whole pitch, goal storage areas and spectator area will be bounded by new 150x50mm precast concrete edging kerbs with a concrete bed and haunch.
- 7.4 The spectator and storage areas are to be formed by new edgings as noted above but with the macadam hand laid over the existing base construction. Note the following recesses which will be finished in 6mm medium graded macadam.
- 1 x 12m x 0.5m end goal recess
 - 1 x 61m x 2m end goal recess
 - 1 No. dividing net recesses
 - 1 x 66 x 2m pathway to south of AGP.
 - The existing pathway to the west of the AGP will be used as a spectator area due to restricted space dimensions of 77.5 x 3m Total Area: 232.5m².
- Mowing strip to the east side of the pitch 300mm wide based on 99.1m.
- 7.5 A 25mm macadam overlay will be applied to the whole pitch & spectator area.

8. Installation of synthetic grass surfaces

- 8.1 The rolls of **SISTurf Xtreme** synthetic carpet will be delivered to site on an articulated lorry and unloaded with either an on board forklift or the onsite telehandler.
- 8.2 Sand and rubber infill material will also be delivered to site on articulated lorries and unloaded with the onsite telehandler. These materials will be stored in a designated area until required during installation.
- 8.3 Carpet adhesive and materials will be delivered to site and stored in the onsite storage containers until required for installation.
- 8.4 Rolls of carpet will be transported to the pitch area as required by telehandler. The rolls are then manually moved into position and unrolled. 3 or 4 carpet installers will carry out this operation. Carpets are positioned and rolled according to the carpet layout plan. When all carpets have been unrolled and positioned, each carpet is then trimmed and fitted.



- 8.5 Pitch markings not tufted into the carpet are then cut into the carpet using specialist tools prior to the carpets being glued. The two part carpet adhesive used is mixed onsite in containers using a 110v mixing drill running off a portable generator.

Inlaid Lines:

91m x 55m white

1 No. 73m x 46m (9 v 9) blue, tabs/nibs

2 No. 55m x 37m (7 v 7) yellow, Tabs/Nibs

4 No. 27 x 37m (5 v 5) red, tabs/nibs

4 No. 48 x 30m (training pitch) red, tabs/nibs

Painted Lines:

1 No. 73m x 46m (9 v 9) blue

2 No. 55m x 37m (7 v 7) yellow

4 No. 27 x 37m (5 v 5) red,

4 No. 48 x 30m (training pitch) red.

The above lines sufficient applications for 12months use by applicant

- 8.6 All operatives will wear gloves and protective eye wear where necessary when working with the adhesive. Once mixed, the glue is poured into a glue applicator box where it is evenly distributed onto strips of glue tape that are manually pulled through the device. When in position, the two sections of carpet being glued are folded over onto the glue strip.
- 8.7 Pitch markings are glued using small sections of glue tape. After allowing time for the adhesive to go 'tacky', each glued seam is rolled to ensure even pressure is applied and to achieve maximum adhesive contact. 4 or 5 carpet installers will carry out the gluing operation. The adhesive is given a minimum of twelve hours to dry before the surface is in-filled.
- 8.8 Sand and rubber are applied into the carpet via a specialised infill machine. The bags of infill are loaded into the machine and, working up and down the pitch area, spread evenly over the pitch at the recommended spread rate to achieve accurate levels.
- 8.9 During the infilling the pitch will be brushed with a drag brush to enable the infill to penetrate accurately over the total pitch area to achieve accurate distribution.

9. Perimeter Fencing

- 9.1 Supply and install 4.5m high twin wire fencing to perimeter of pitch 99.1 x 63 includes for enclosing spectator area & recesses.
- 9.2 Supply and install 66x50mm rebound mesh to lower 1.2m of fence above to the immediate pitch surround.
- 9.3 Gates in 4.5m high fence: Single Leaf; 1no 1.2m wide x 2.4m high
 Double Leaf; 1no 3m wide x 2.4m high
 The above gates complete with lintel panel, standard padlockable slide latch and dropbolt
- 9.4 Supply and install 1.2m high spectator fence complete with 66x50 rebound mesh & 48mm CHS top rail to spectator area.



- 9.5 Gates: Single Leaf; 2no access gate 1.2m wide
Double Leaf; 1no access gate 3.0m wide
The above gates complete with CHS top rail to match fence, standard padlockable slide latch and dropbolt.
- 9.6 Supply & install 2.0m high rebound fence in place of 1.2m high fence to goal & recess areas
- 9.7 Supply and install double height 250mm x 50mm softwood treated timber kickboard. Green tanalised timber, planed and once chamfered. To act as 500mm infill containment barrier to the 4.5m high fencing. Single height kickboards will be installed to the 1.2m high fencing.
Including grates and recess pits to prevent any infill being discharged into the drainage system
- 9.8 Supply and install 1.2m fencing to access path

10. Sports equipment and site furniture

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|-------|--|----|------|
| 10.1 | Senior 3G weighted portagoal 7.32m wide x 2m high, self-weighted easy lift wheels and 4mm white nets; | 1 | Goal |
| 10.2 | Senior Fence Folding Football 7.32m x 2.44m Projection 2.3m-3.5m C/w 3mm White Nets | 1 | Goal |
| 10.2 | Mini 3G weighted portagoal 3.66m wide x 1.83m high, self-weighted easy lift wheels and 4mm white nets; | 4 | Set |
| 10.3 | 9v9 3G weighted portagoal 4.88m wide x 2.13m high, self-weighted easy lift wheels and 4mm white nets; | 1 | Set |
| 10.4 | Pitch divider: 2.0mm x 50mm x 50mm x 3.0m high tenacity polypropylene netting suspended from 5mm wire rope, held taut by brake winch system connected to 2nr Straining posts. 3nr portable galv inter posts. 10mm thick base lead lined base rope to reduce lifting in windy conditions, based on one split net and one split cable. | 1 | Nr |
| 10.5 | Provision of 120 litre capacity waste bins with keys to access internal frame casings. | 3 | Nr |
| 10.6 | Premier socketed boot wipers fixed within hardstanding or suitable solid foundations | 4 | Nr |
| 10.7 | Anti-climb signs to perimeter ball stop fencing; 400 wide x 200 high, rigid board, weather resistant; | 1 | item |
| 10.8 | Signage to identify cross field pitches; either 1 & 2 or A & B applicant to decide | 1 | item |
| 10.9 | Player signage / rules board; 900 wide x 600 high, flexible laminate acrylic, weather proof | 4 | Nr |
| 10.10 | High security re-codeable combination padlocks with protected shackle or equal approved | 2 | Nr |
| 10.11 | Black spring-back corner bases complete with 22mm flexi poles and single colour flags. | 16 | Nr |
| 10.12 | Provide a secure storage container; painted green; 20'x 8'6" x 8'; incl locks and ramps; including associated hard standings | 1 | nr |



11. Floodlighting

- 11.1 Excavate and cast foundation bases including all excavations, disposals, earthwork support, compacting, concrete works and holding down bolts etc. Bases to be a minimum of 0.6m below ground

Excavation of electrical cable trenches, installation of necessary ductwork, re-instatement of trenches, allow for 100m of cable trench from the mains switch panel to the first column
- 11.2 Installation of a 6 x 15m column LED floodlighting system with 12 LED luminaires to achieve a maintained average of $\Rightarrow 200$ -Lux at a uniformity of $\Rightarrow 0.60$ for full pitch and a maintained average of $\Rightarrow 120$ -Lux at a uniformity of $\Rightarrow 0.60$ for pitch width, and a Glare Rating ≤ 50 suitable for Football.
- 11.3 All cabling, control panels and timers etc as per the specification will be installed
- 11.4 Amenity lighting bollards will be installed along the length of the access path to the pitch
- 11.5 Commissioning: On completion of the work the system would be tested to BS 7671 and the illumination levels recorded. Record Drawings & Manuals would be provided of completion the testing.

12. Hardstanding Areas

- 12.1 See baseworks item 7.4.

13. Reinstatement

- 13.1 On completion of the works the site area and other disturbed areas will be cleared and made good by soiling and seeding.
- 13.2 On completion of the works the disturbed areas of hardstanding will be made good.

14. O & M Manual

- 14.1 On completion of the works a Health and Safety, Operations and Maintenance Manual will be prepared and handed over in both hard and electronic copy to the client.
- 14.2 Login in details will be provided to the client to the SIS Plus Maintenance Portal in order to log maintenance going forward and also to view the handover file and associated documentation.

15. Maintenance

- 15.1 Provision of John Deere Tractor and drag brush / Flexicomb or dragmat for weekly maintenance
- 15.2 Rotary Brush with drop through collector for debris collection and removal of stones, leafs, twigs and other litter



- 15.3 Annual Synthetic maintenance for the pitch
- 15.4 Annual lighting maintenance for the pitch
- 15.5 Ball roll ramp to gauge the fibre lift and free tip length; left on site for future testing by others
- 15.6 Infill gauge and prism Gauge and depth probe; left on site for future testing by others
- 15.7 Supplier visits to inspect the facility including written reports to be issued to RLF/RFU/FA/FF/EH/SE; 6, 12, 18 & 24 month intervals following Practical Completion
- 15.8 Supplier visits to inspect the facility including written reports to be issued to RLF/RFU/FA/FF/EH/SE; at 6 month intervals following Practical Completion for period of the Warranty period for the facility.
- 15.9 Supplier to supply and install a fully automated pitch usage monitoring system that can monitor on-field activity and calculate the equivalent playing hour's usage. It should also notify the end user when the pitch reaches a defined milestone, indicating maintenance is required (include for supply, installation, commissioning of the system, annual subscription / licensing fee for the warranty period of the pitch – Intelligent Play.
- 15.10 Leave 20nr 25kg bagged performance infill for localised top dressing by the end user and to be stored in the storage container or a suitable container where a storage container is not provided, to ensure any split bags of infill does not migrate into the surrounding environment

16. Contractors Other Items

- 16.1 Root Barrier will be installed to the North of the pitch

17. Testing

- 17.1 Key Stage Inspections will be carried out by Sportslabs at each stage of the works.
- 17.2 Upon completion of the works the pitch will be tested to by others to FIFA Quality