



Natural Sports

Example Construction Methodology

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The site will be marked out to the agreed installation and agreed with the project team before the excavations commence.

The excavated material if it cannot be reused on site will be incorporated. If it excess to requirements it will be removed to a certificated recycling plant in the local area.

All excavations will be filled with a minimum of 200mm of C35 concrete sub bases to the correct levels. This will give the elements a solid sub base to ensure no movement is possible. All frames holes work will be augured to a minimum of 700mm below ground level and a minimum of 100mm concrete will be below the foot of the steel until to ensure the frame cannot move in the sleeve of concrete.

All foundations will have a minimum of 3 days curing time.

Concrete elements will be delivered with either the base precast or with reinforcing bars exposed to ensure that all elements are structurally tied together.

Once installed the elements which have reinforcement bars protruding will be backfilled with C35 concrete to form a below ground foundation.

Steel frames will have a 400mm core of C35 Concrete poured around each leg.

All ground level concrete will be covered by a minimum of 150mm of MOT Type one stone compacted to ensure that the absorbency of the safety surface is not affected and the Critical Fall Height is maintained.

All lifting holes will be filled and finished with material to match the main body of the elements with special attention made to ensure that the finish has a similar slip resistance to the precast finish of any elements.

All steel elements will be fixed to the concrete elements by at least two permanent fixings.

The area will be graded below the finished ground level to ensure that the correct depth of safety surface is maintained.

Certificated installers will install any safety surfacing and all documentation related to this activity including COSH sheets will be presented before installation.

The site will be internally snagged before the client team is invited to inspect the site.

Any imperfections will be address before Handover.