

211 COVERED WALKWAY

- Manufacturer: A&S Landscapes or similar
Location: Form covered walkway, support frame and concrete raft foundation as indicated on design intent drawings 190000-1403 and 3005.
 - Product reference: Bespoke canopy. Web: <https://www.aandslandscape.co.uk/bespoke-canopies>.
- Type: Anti-ligature, and anti-climb covered walkway. Barrel vaulted glazed roof on PPC galvanised steel frame to sub-contractor design.
- Material: Barrel vaulted glazed roof on galvanised steel frame. Canopy and glazing system to be suitable for use in a tier 4 mental health environment.
 - Finish: Polyester powder-coated, as section Z31.
 - Colour: To match existing fascias.
- Accessories: Provide closer panels to remove ligature points as noted on drawings. Provide a removable micro-perforated closer panel above eaves beams to conceal LED strip lighting. Lead flashing at abutment with existing buildings. Canopy supports to be independent of existing building to allow movement. Provide gutters to fall with 2No anti-ligature RWPs each side, taken to below ground drainage.
- Method of fixing: Root into pads/raft slab with thickened edges, subject to approval of the structural engineer. Bolt plates and exposed fixings will not be permitted.

INSTALLATION**510 CONCRETE FOUNDATIONS GENERALLY**

- Standard: To BS 8500-2.
- Concrete: As section E10.
- Admixtures: Do not use.
- Foundation holes: Neat vertical sides.
- Depth of foundations, bedding, haunching: Appropriate to provide adequate support and to receive overlying soft landscape or paving finishes.

515 SETTING COMPONENTS IN CONCRETE

- Holes: Hole size and minimum concrete surround subject to approval of the structural engineer.
- Components: Accurately positioned and securely supported.
- Concrete fill: Fully compacted as filling proceeds.
- Concrete foundations exposed to view: Compacted until air bubbles cease to appear on the upper surface, then weathered to shed water and trowelled smooth.
- Temporary component support: Maintain undisturbed for minimum 48 hours.

550 DAMAGE TO GALVANIZED SURFACES

- Minor damage in areas up to 40 mm² (including on fixings and fittings): Make good.
 - Material: Low melting point zinc alloy repair rods or powders made for this purpose or at least two coats of zinc-rich paint to BS 4652.
 - Thickness: Sufficient to provide a zinc coating at least equal to the original layer.

560 SITE PAINTING

- Timing: Prepare surfaces and apply finishes as soon as possible after fixing.