

Project : Emmanuel College, New College Court Project
Specification : F10-A, F31 and Q50 specification extracts to accompany Party Wall Award drawing submission

Freestanding Brickwork Wall; Boundary Wall - F10-A/125

- 2.34m high freestanding brickwork boundary walls with architectural precast concrete copings to boundary line between Park Terrace and 1 Regent Street. To include a section of chamfered piers and hit and miss brickwork to the Park Terrace frontage, as per the design drawings.
- One-brick thickness (228mm) in English Bond.
- Petersen Tegl D36 & D37 facing bricks, ratio of D36 to D37 to be split 50/50 and evenly distributed.
- Bricks shall be Danish (DNF) format – 228 x 108 x 54 mm.
- Mortar shall be moderately hydraulic natural lime mortar. Colour reference shall be Natural by Limetec.
- Joints shall be nominally 10mm.
- Joint surfaces shall be 'churn brushed' (stippled with a bristle brush as mortar stiffens to create a coarse open texture).
- Movement joints shall be sealed with a high-modulus matt sealant with 50% compression capacity. Colour shall be matched to mortar colours as closely as possible and blown with sand to match mortar colour and texture.
- Refer to Architect's specification F31 for precast concrete coping.

Precast Concrete Coping - F31/175

- Purpose made architectural precast concrete copings to cap freestanding brickwork walls, with drip edge detail as shown on design drawings.
 - Locations: Boundary wall copings, refer to drawings.
 - Size: 75mm visible depth to front face, refer to drawings.
 - Manufacturer: Amber Valley Precast
 - Colour: To match brick mortar colour.
 - Finish: Acid-etched exposed aggregate finish.
 - Joints: 5mm dusted joints, in locations indicated on design drawings.
 - Movement joints: Dusted Joints. Locations to co-ordinate with movement joint locations within the masonry façade
- Conformity: To BS 8500-2 and the recommendations of BS 8500-1, Annex A.4 for the specified exposure class.

Climber Support Grating - Q50/420

- Description: Metal louvred grating and tensioned stainless steel wire climber support system to northern section of boundary wall facing Regent Street.
- Locations: New South Court, refer to drawings.
- Louvred Grating:
 - Manufacturer: Lang+Fulton
 - Product reference: Delta Box Fencing Panel.

- Panel:
 - Type: Deltabox-45
 - Louvre blade pitch and angle: 45 degrees.
 - Louvre flat bars spacing: 66mm
 - Vertical flat bars spacing: 132mm
 - Visual screening: 45%
 - Height: 2340mm
 - Width: 1500mm
- Posts:
 - Straight section: 100 x 50mm RHS, refer to structural engineer's drawings
 - Corners: 100 x 100mm SHS, refer to structural engineer's drawings
- Material/ Finish/ Colour: Hot dip galvanised and non-standard PPC finish.
- Colour: Syntha Pulvin 'Anodite Brown 547'
- Plan size: 14No. bays each 1500mm wide.
- Height: 2,340mm to match height of freestanding brick boundary wall.