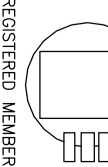


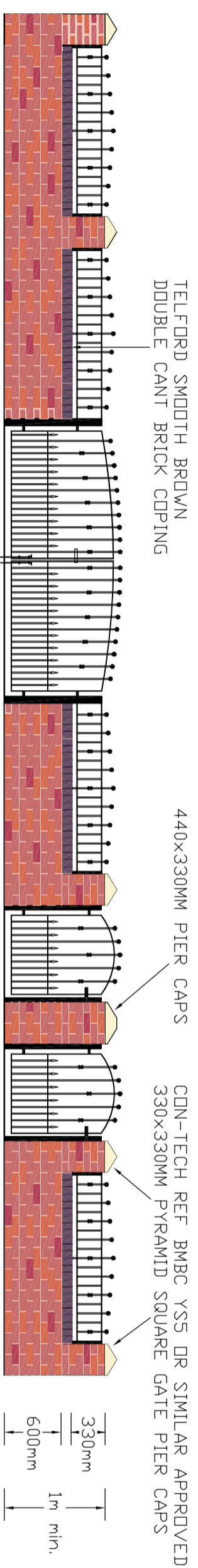
NATIONAL HOME ENERGY RATING SCHEME



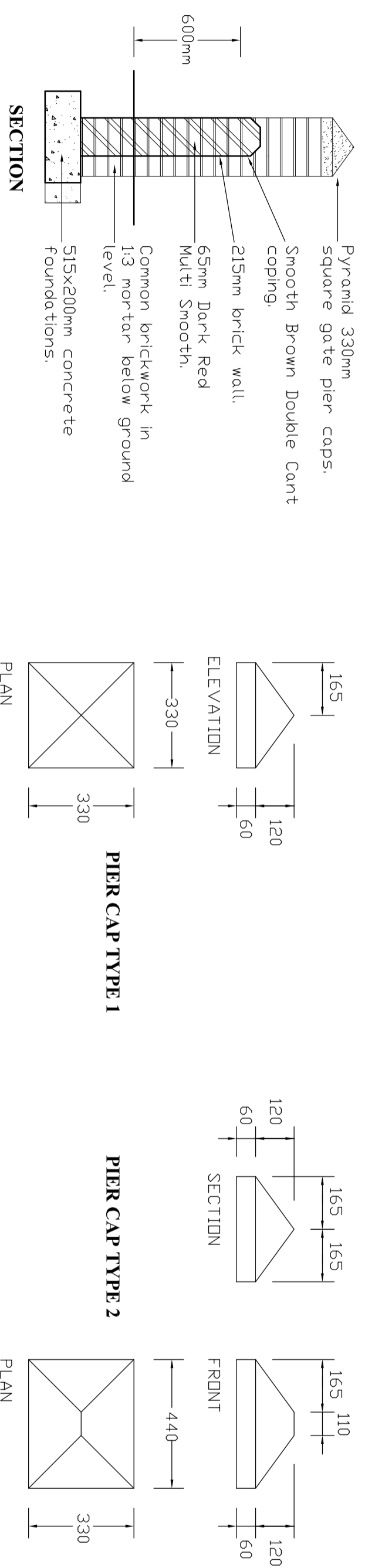
REGISTERED MEMBER

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GREEN CORRIDOR, ROYSTON BOUNDARY WALL DESIGN TYPE 1 (1m HIGH)



OPTION 1



1. Carefully take down existing boundary wall including the removal of any foundations and cart away.
 2. Excavate ground to a depth of 450mm.
 3. Lay concrete foundation 126 cement:sand:aggregate, 200mm thick and 300mm wider than the proposed wall (equal width either side of centre line of wall).
 4. Construct new boundary wall using Hanson's 65mm Dark Red Multi Smooth bricks with Telford Smooth Brown Double Cant coping header course (all readily available from Taylor Maxwell, Wakefield). Insert expansion joints using fibre board for spacing and fill with polysulphide mastic at spacings of no more than 6m. Coloured mortars from the Ticon range or similar approved are to be used. Dark Red Multi Smooths = Ticon Y165, Baggenridge Telford Smooth Browns = Ticon Y73. Apply approved water repellent to all surfaces of all sides all in accordance with manufacturer's instructions.
 5. Walls to be 225mm solid brick in English garden wall bond, 3 stretcher courses to one header course.
 6. Brick and half pillars with Pyramid 330mm square gate pillar caps (Con-Tech Services Ltd, Barnsley Tel: 01226 244051 Ref: BMBC YS 5 or similar approved) to be constructed at the boundary of each property, to all gateway openings and equally spaced along the length of the wall.
 7. Fabrication of gates and railings are to incorporate a framework of 40mm x 10mm flat bar with 16mm round infill bars. Installation of the gates to include 50mm x 50mm steel posts for pedestrian gates (70mm x 70mm steel posts for double/bi-fold/driveway gates) anchored on to the pillars and bedded into concrete to a depth suitable to carry their weight. All ironworks to be galvanised and powder coated.
 9. Railings are to be secured to the pillars using anti vandal fixings, fastened through 30x30mm steel posts.
- Care must be taken that, on completion, the gates open and close freely, are secured to hinges and all weld joints are sealed, leaving no pockets for water to collect.
- Double/bi-fold/driveway gates to have retaining bars, with lugs inset into the ground (for both open and closed positions). Retaining bars to incorporate anti-removal lug.

REV A 18/5/09
VEHICULAR/DRIVE GATES ADDED.

BARNLSLEY
Metropolitan Borough Council

Property & Procurement

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PROJECT
GREEN CORRIDOR
IMPROVEMENT SCHEME
ROYSTON

DRAWING
BOUNDARY WALL
DESIGN TYPE 1
(1M HIGH)

Drawn	Revision	
db		A
Scale	Date	
1:50	March 2009	
Project Code	Drawing No.	
HSG 4097	06	