

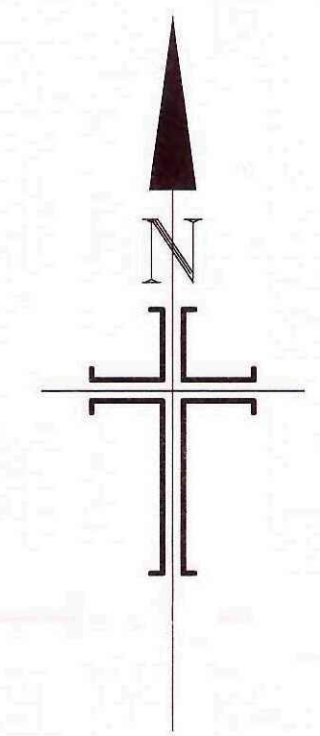
NATIONAL HOME ENERGY RATING SCHEME
REGISTERED MEMBER

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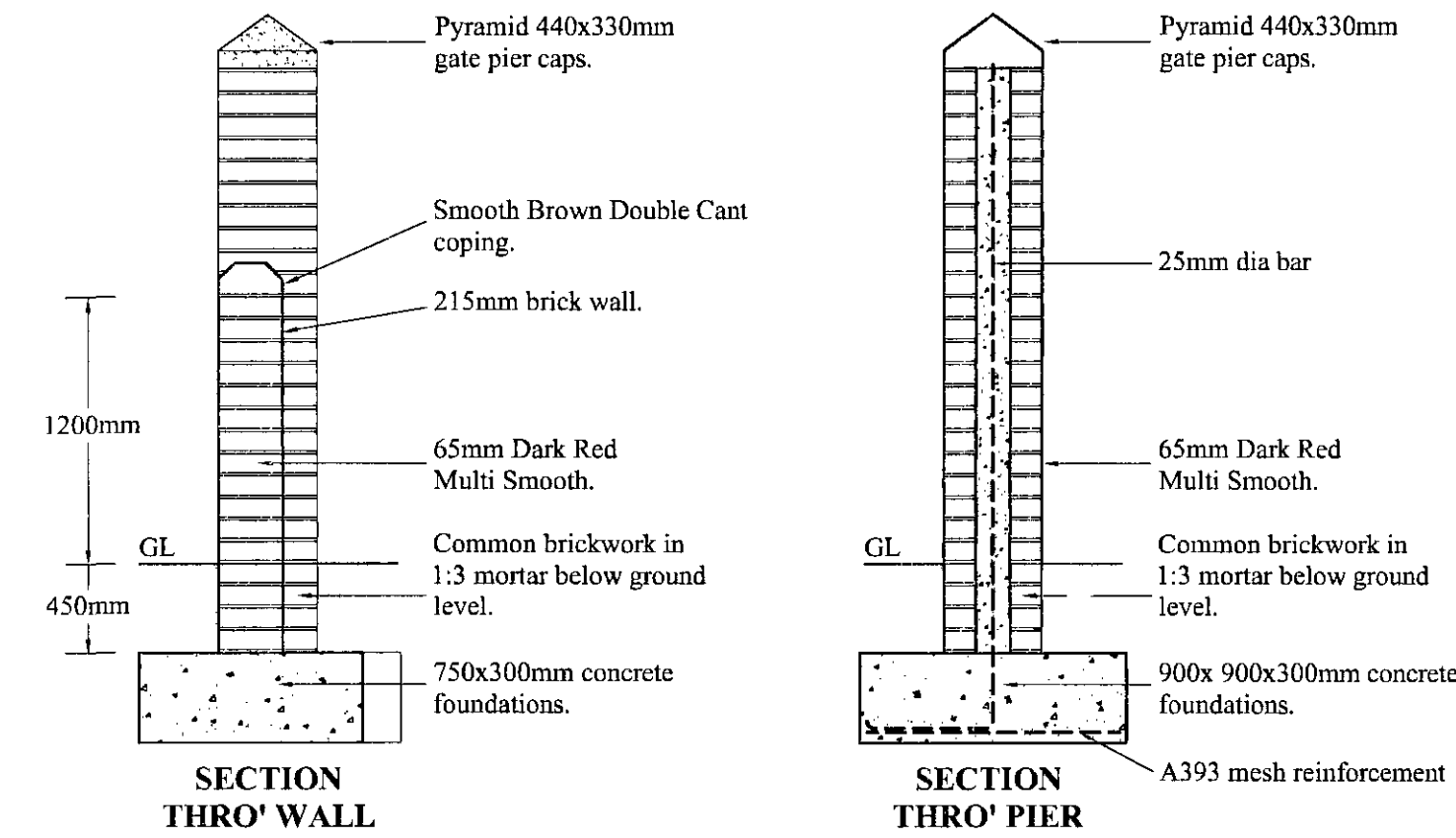
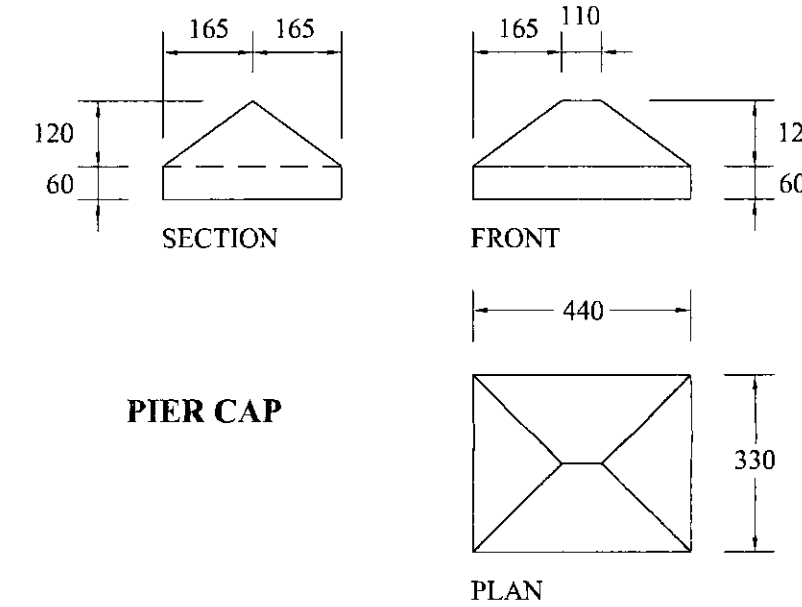
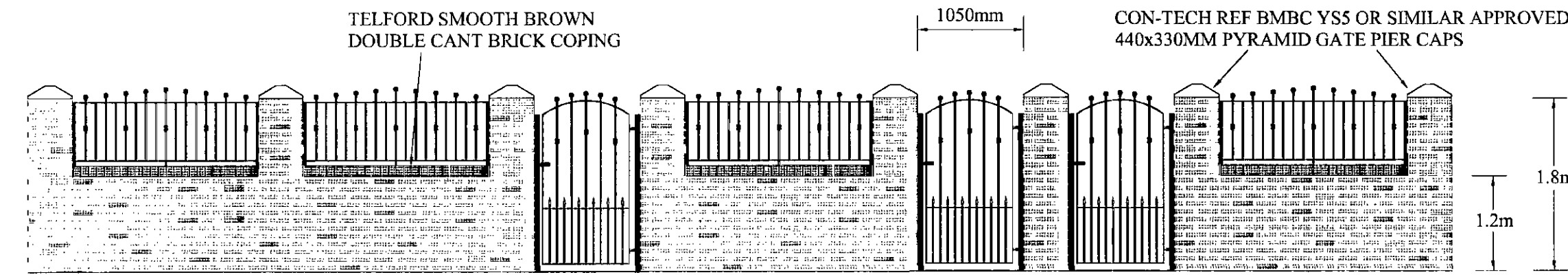
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PROJECT
GREEN CORRIDOR
IMPROVEMENT SCHEME
ROYSTON

DRAWING
LOCATION PLAN

Drawn	Revision
ab	
Scale	Date
1:1250	March 09
Project Code	Drawing No.
HSG 4097	10
C.A.D File Name	
Layer State	

**GREEN CORRIDOR, ROYSTON
BOUNDARY WALL DESIGN TYPE 1 (1.8m HIGH)**



- Carefully take down existing boundary wall including the removal of any foundations and cart away.
- Excavate ground to a depth of 750mm.
- Lay concrete foundation 1:2:6 cement:sand:aggregate, 300mm thick and 535mm wider than the proposed wall (equal width either side of centre line of wall).
- 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 Tilcon range or similar approved are to be used. Dark Red Multi Smooths = Tilcon Y165, Baggerridge Telford Smooth Browns = Tilcon Y73. Apply approved water repellent to all surfaces of all sides all in accordance with manufacturer's instructions.

Walls to be 215mm solid brick in English garden wall bond, 6 stretcher courses to one header course.
- Brick pillars with Pyramid 440x330mm 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.
- 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.
- Bottom of gates to follow rake of ground level.
- 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.

NATIONAL HOME ENERGY
RATING SCHEME
REGISTERED MEMBER

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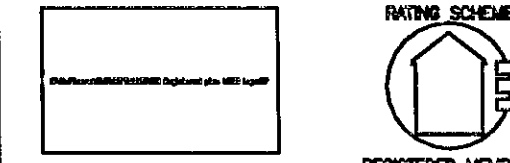
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PROJECT
GREEN CORRIDOR
IMPROVEMENT SCHEME
ROYSTON

DRAWING
BOUNDARY WALL
DESIGN TYPE 1
(1.8M HIGH)

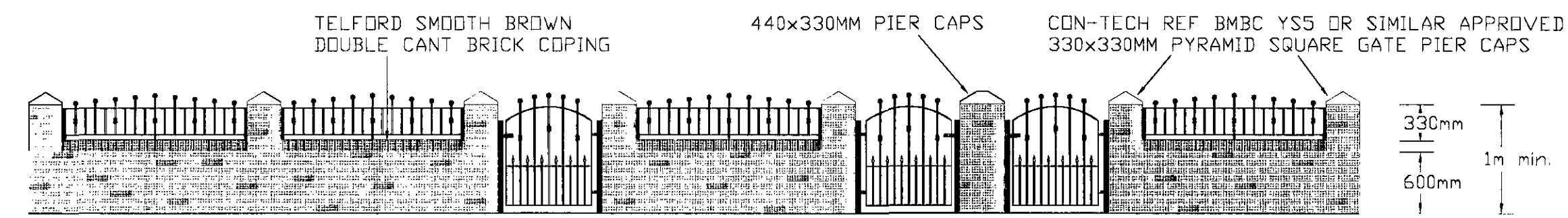
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Project Code	Drawing No.	
HSG 4097	07	

NATIONAL HOME ENERGY RATING SCHEME REGISTERED MEMBER

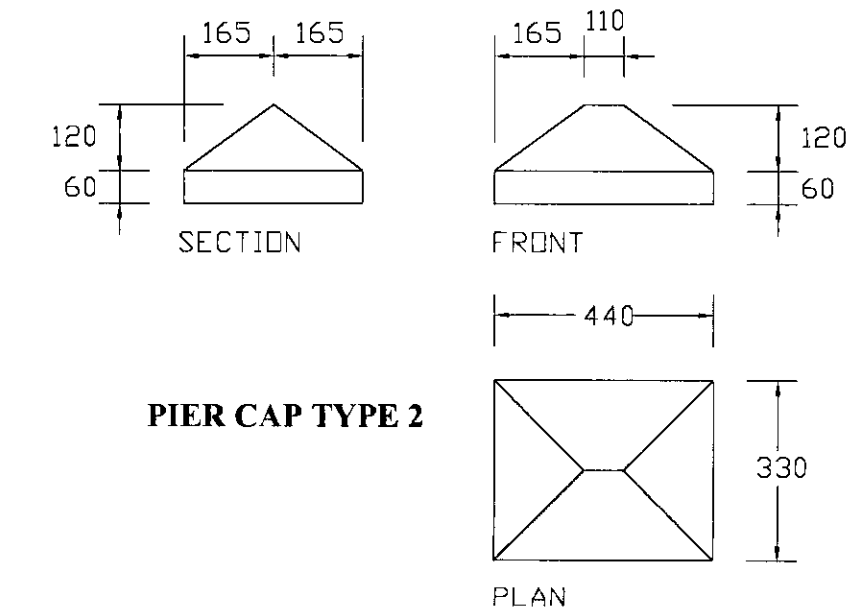
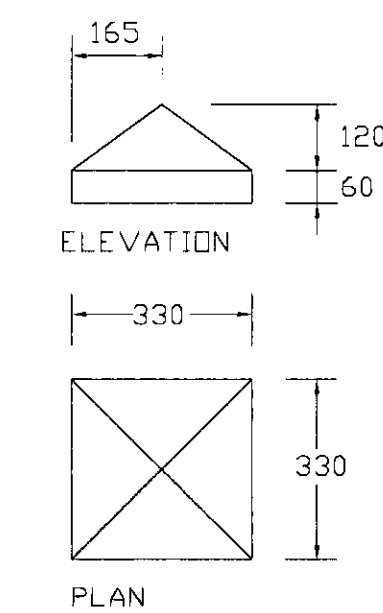
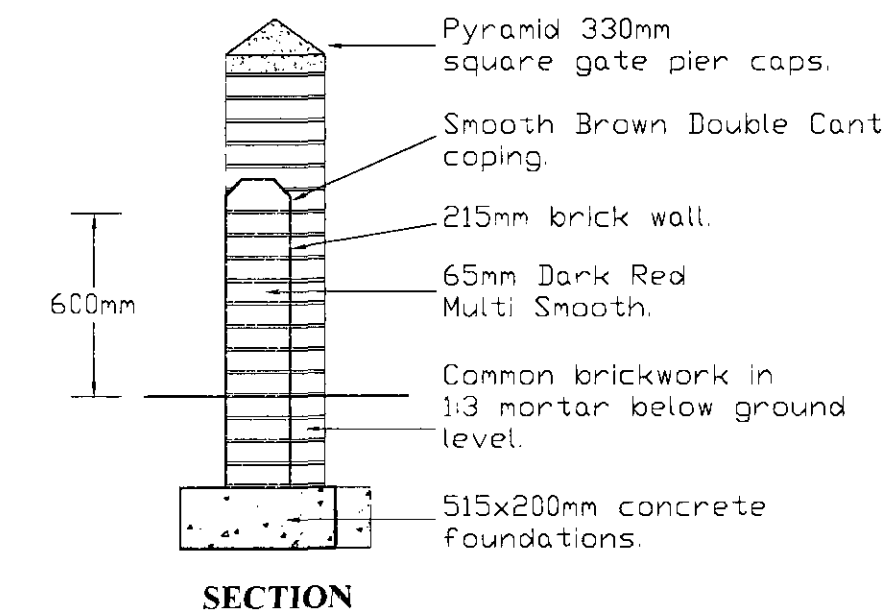


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GREEN CORRIDOR, ROYSTON BOUNDARY WALL DESIGN TYPE 1 (1m HIGH)



OPTION 1



- Carefully take down existing boundary wall including the removal of any foundations and cart away.
 - Excavate ground to a depth of 450mm.
 - Lay concrete foundation 1:2:6 cement:sand:aggregate, 200mm thick and 300mm wider than the proposed wall (equal width either side of centre line of wall).
 - 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 Tilcon range or similar approved are to be used. Dark Red Multi Smooths = Tilcon Y165, Baggerridge Telford Smooth Browns = Tilcon Y73. Apply approved water repellent to all surfaces of all sides all in accordance with manufacturer's instructions.
 - Walls to be 225mm solid brick in English garden wall bond, 3 stretcher courses to one header course.
 - 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.
 - 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.
 - 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.

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PROJECT
GREEN CORRIDOR
IMPROVEMENT SCHEME
ROYSTON

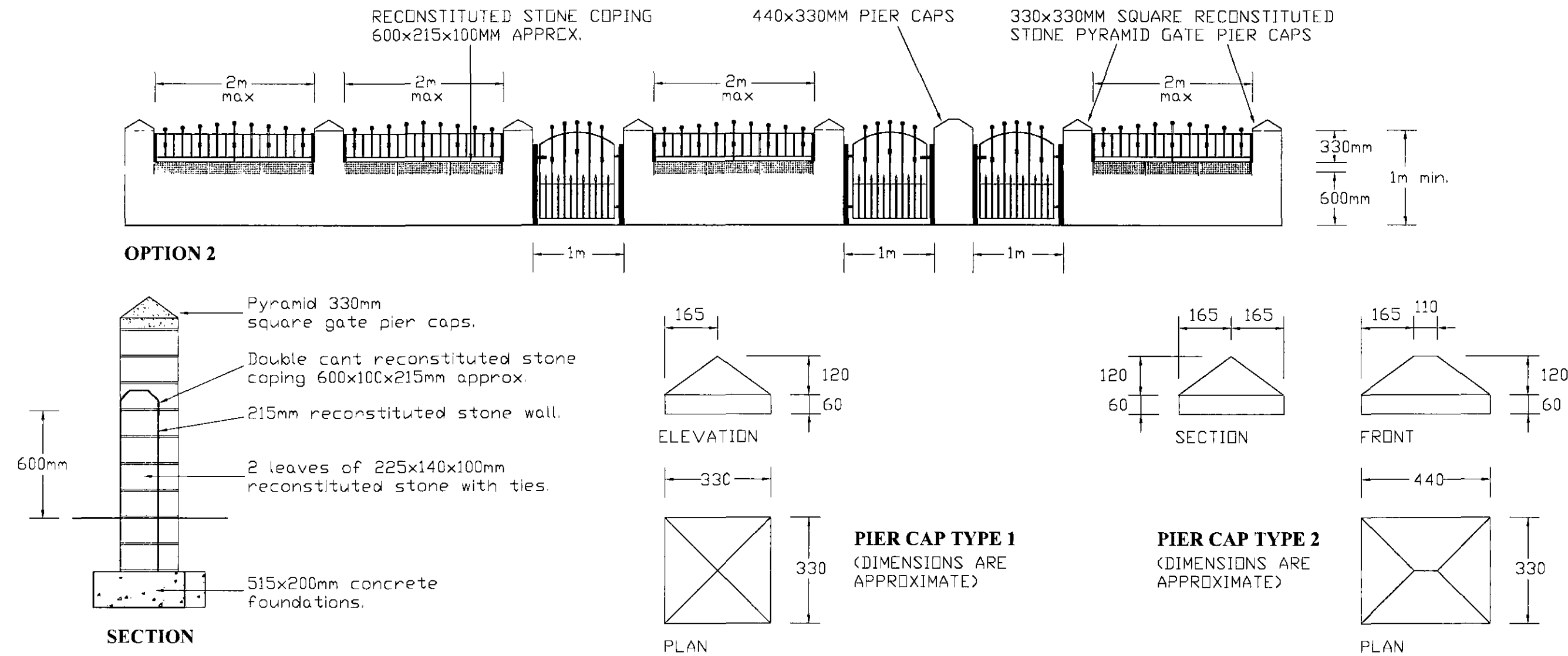
DRAWING
BOUNDARY WALL
DESIGN TYPE 1
(1M HIGH)

Drawn	Revision
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Scale	Date
1:50	March 2009

Project Code	Drawing No.
HSG 4097	06

**GREEN CORRIDOR, ROYSTON
BOUNDARY WALL DESIGN TYPE 2**



- Carefully take down existing boundary wall including the removal of any foundations and cart away.
- Excavate ground to a depth of 450mm.
- Lay concrete foundation 1:2:6 cement:sand:aggregate, 200mm thick and 300mm wider than the proposed wall (equal width either side of centre line of wall).
- Construct new boundary wall using reconstituted stone blocks by Forticrete Ltd. (or similar approved) from their Anstone Premier Range, Pitched finish, Dloe Heather Black colour, size 225mm(L)x140mm(H)x100mm(W). Insert expansion joints using fibre board for spacing and fill with Fosroc Hiltastic LM silicone sealant or similar approved at spacings of no more than 6m. Coloured mortar from the Tilcon range or similar approved: Y4 for wall stone and Y14 for coping stones. 600mm(L)x100mm(H)x215mm(W) approx. double cant coping to match pier cap in material, finish and colour (to be black). Galvanised steel, double triangular wall ties to be inserted at appropriate spacings between leaves. Apply Hardac Acrylic Sealer by Weber or similar approved to all surfaces of all sides all in accordance with manufacturer's instructions.
- 330mm approx. square pyramid gate pillar caps (Con-Tech Services Ltd. Barnsley 01226 244051: Ref BMBC YS5 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. Material, finish and colour to be decided. 440x330mm pillars and caps where pillars are freestanding in between gates as shown above.
- 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.
- 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.

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PROJECT
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IMPROVEMENT SCHEME
ROYSTON

DRAWING
BOUNDARY WALL
DESIGN TYPE 2

Drawn		Revision	
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Scale	1:50	Date	March 2009
Project Code	HSG 4097	Drawing No.	05