

Gloucester Gate Railings Project

METHOD STATEMENT (addendum 01)

This statement is to be read in conjunction with the previous issued method statement
"Dismantle & Reinstatement of Railings, Stone & Brickwork"



Summary

Due to the extensive aerial bombing during WW2 in this area the section of brickwork at the location for the new Thames water 42" mains water supply was rebuilt during the reconstruction of the capital.

The materials used for the reconstruction of this section, fine washed sand & Portland cement, are of a different make up to those used during the original construction, fine washed sand & lime.

Due to the sand & cement materials used during the reconstruction the salvage of the bricks from this section of wall was not possible.



Deconstruction/rebuild of brickwork wall

1. Line & levels for the existing brickwork will be recorded.
2. Using hand tools, hammer & chisels the brickwork will be carefully deconstructed
- Due to the strength of the mortar used it was not possible to carryout the operation of carefully removing the brickwork. It was found that the bricks were fracturing and could not be saved. Mechanical means were required to demolish the brickwork wall.
3. Brick samples were saved and PAYE in coordination with their brick suppliers will provide samples for review.
4. Kier to install new water main and construct concrete base for the brick wall as per drawing H582_01-A1-AB-00604
5. Bricks to be laid as per original lines using a sharp sand & lime mixture @ 4:1

Materials:

Bricks: Lambs, Handmade Imperial red rubber range – Medium multi C02
Mortar; Leighton buzzard fine sharp sand
St Astier NHL 5.0 Lime

Mortar style:

The mortar pointing will be slightly recessed as agreed

6. All waste/surplus materials, tools & plant will be removed from site
7. The brickwork wall will then be offered for inspection.