

Schedule of Works
Listed Building Consent
At
99 Great Russell Street
London
WC1B 3LH

This Schedule of Works is prepared in support of the application for listed building consent, to carry out proposed remedial work to brick arches at rear elevation of 99 Great Russell Street, London, WC1B 3LH. The information contained in this document should be read in conjunction with the Heritage, Design and Access statement and drawings contained in the application package.

Repair to Area 1

- Install Helibeam structural reinforcement system over the existing opening using double strand steel bars set in grout. And Helibar crack stitch using single strand stainless steel bars set in grout.
- Tie and pin back brick arch using dryfix ties to secure and stabilise brickwork.
- Resin injection using Crackbond TE to brickwork fractures.

Repair to Area 2

- Install Helibeam structural reinforcement system over the existing opening using double strand steel bars set in grout. And Helibar crack stitch using single strand stainless steel bars set in grout.
- Tie and pin back brick arch using dryfix ties to secure and stabilise brickwork.
- Resin injection using Crackbond TE to brickwork fractures.

Repair to Area 3

- Install Helibeam structural reinforcement system over the existing opening using double strand steel bars set in grout. And Helibar crack stitch using single strand stainless steel bars set in grout.
- Tie and pin back brick arch using dryfix ties to secure and stabilise brickwork.
- Resin injection using Crackbond TE to brickwork fractures.

Repair to Area 4

- Cut out and replace 3nr deteriorated bricks across brick band and corbel special bricks, replacements to match original, sootwashed to match surrounding brickwork.
- Re-pointing in lime mortar to match original
- Resin injection using crackbond TE to brickwork fractures.
- No brickwork cleaning to be carried out.

Repair to Area 5

- Install Helibeam structural reinforcement system over the existing opening using double strand steel bars set in grout. And Helibar crack stitch using single strand stainless steel bars set in grout.
- Tie and pin back brick arch using dryfix ties to secure and stabilise brickwork.
- Resin injection using Crackbond TE to brickwork fractures.

Repair to Area 6

- Resin injection using Crackbond TE to brickwork fractures.

Repair to Area 7

- Install Helibeam structural reinforcement system over the existing opening using double strand steel bars set in grout. And Helibar crack stitch using single strand stainless steel bars set in grout.
- Tie and pin back brick arch using dryfix ties to secure and stabilise brickwork.
- Resin injection using Crackbond TE to brickwork fractures.

Repair to Area 8

- Install Helibeam structural reinforcement system over the existing opening using double strand steel bars set in grout. And Helibar crack stitch using single strand stainless steel bars set in grout.
- Cut out and replace deteriorated brickwork across brick band, replacements to match original, sootwashed to match surrounding brickwork.
- Brick replacement to brick band to be confined to the string course above the corbel.
- No brickwork cleaning to be carried out.
- Re-pointing in lime mortar to match original
- Replacement brickwork to be confined to the strong course of bricks above the corbel.
- Resin injection using crackbond TE to brickwork fractures.

Replacement Flashings

- Remove defective lead flashings and replace with code 5 lead sheet flashings.
- Welded to avoid capillary action and wind pressure
- Welts to be spaced at 1.5m centres
- Welts to be lightly dressed down
- Laps to be 100mm
- Lengths not to exceed 1.5m
- Flashings to be laid out prior to installation ensuring appropriate lengths
- Lead to be bedded in 25mm minimum in accordance with Lead Sheet Association.
- Clips positioned along edge to suit exposure.
- Clips to comprise of 50mm stainless steel.
- Aluminium powder coating drip profile 12mm fixed to wall
- Lead sheet bottom edge to form 45 degree angle