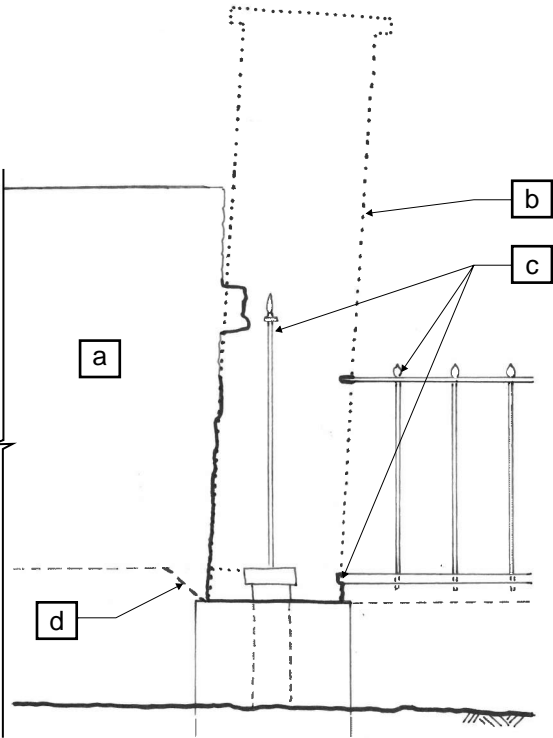


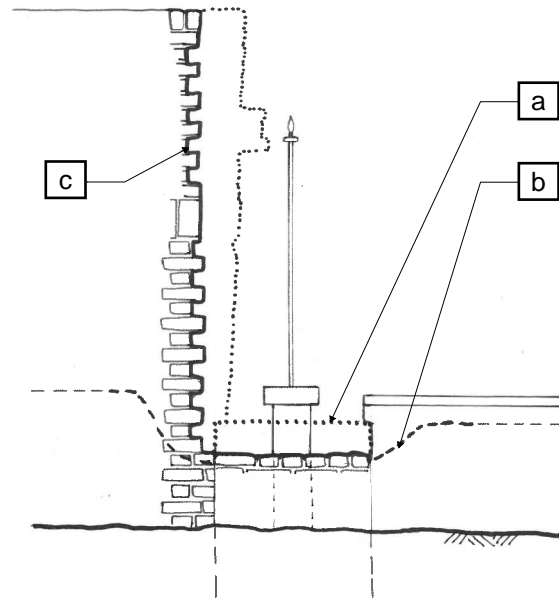
1. Remove pier and stitch cracks
in party wall

- a.** Prop the end of the existing masonry party wall near the location of the pier. Proposals to be submitted by the Contractor. Allow sufficient room for the reconstruction of the end of the party wall.
- b.** Once the party wall has been appropriately supported, carefully deconstruct the existing brick pier down to the top of the masonry plinth, with the aim to reuse the original bricks, taking note of the original brickwork pattern. The bricks from the pier to be stored on site in a safe and secure location.
- c.** Take care around adjacent elements such as the metal railings and masonry walls, not to damage or cut into them.
- d.** Allow for a small level of digging of the adjacent soil to remove the lower courses of the pier.
- e.** Once the pier has been deconstructed down to the top of the plinth, install HeliBars into the existing masonry party wall at crack locations.



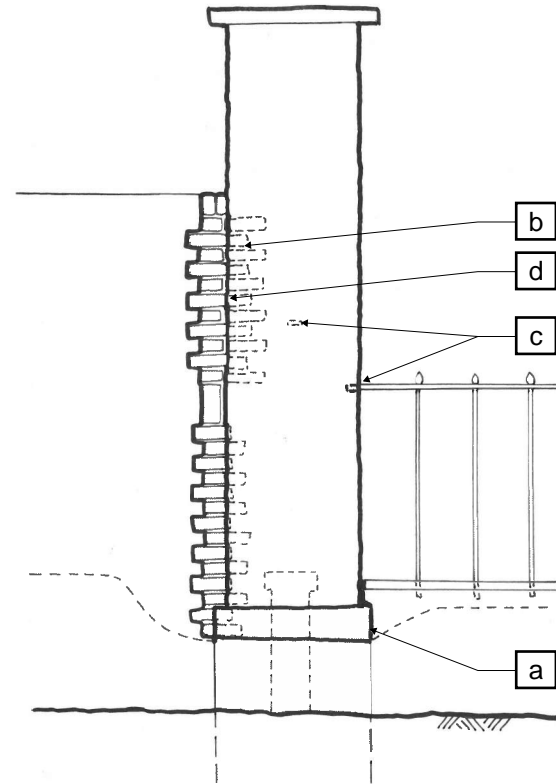
2. Tooth party wall, prepare
podium and excavate surrounding
soil

- a.** When the top of the masonry plinth is exposed, assess the requirement to re-form the top courses of the plinth in order to form a level and strong base for the new reconstructed pier.
- b.** If required, allow for digging adjacent to the plinth on either sides to access the courses of masonry to be reconstructed.
- c.** Fully tooth the end of the party wall.



3. Re-lay top of podium for pier,
reconstruct pier true vertical and
tied to new end of party wall

- a.** Reconstruct the top of the podium using the original brickwork. If new bricks are required, lay them in the centre such that they are not facing bricks. Ensure the top of the podium is level and tied appropriately to the party wall.
- b.** Once the podium is completed, start reconstructing the pier and the end of the party wall simultaneously, providing a suitable tie between the two.
- c.** Reconnect the existing metal fences into the bedding of the masonry pier.
- d.** Ensure that any gaps left between the pier and adjacent elements are filled to keep water and debris from causing damage if trapped.
- e.** Remove propping



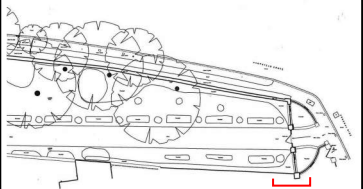
Standard Notes

1. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and the specification.
2. This drawing should not be scaled.
3. All dimensions are to be verified by the contractor on site.
4. All discrepancies should be reported to the C.A. prior to the commencement of the works.

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Notes and Keys

1. See drawing 893-07-(GA)100 for General Notes.
2. For the existing and proposed elevations, refer to drawing 893-07-(GA)003.



Location Plan

15.03.19	C01	Construction	DP	RW
Date	Rev	Description	Drawn	Chkd



MANCHESTER Carver's Warehouse, 77 Dale Street, Manchester, M1 2HG. Tel: 0161 228 6757
LONDON Reeds Wharf, 33 Mill Street, London SE1 2AX. Tel: 020 7253 2977
LEEDS Tower Works, Unit 02-01, Globe Road, Leeds, LS11 5QG. Tel: 0113 2023 130
GLASGOW Graham Chambers, 45 West Nile Street, Glasgow, G2 2PT. Tel: 0141 370 1829
www.civicingineers.com

Project
Fenton House
National Trust

Title
Leaning Pier
Assumed Sequence of Construction

CONSTRUCTION			
Scale	Date Created	Drawn	Checked
Scale @ A3	Feb' 19	DP	RW
Project Number	Drawing Number	Revision	
893/07	(AS)004	C01	