



41-42 Chester Terrace

Forming openings in Party Wall

Outline Scope of Works

To cut 4 No. openings, levels Ground to Third, into the existing party wall (450mm or two brick thick) between Numbers 41 and 42 Chester Terrace, including all temporary support and permanent structural steel frames along with all associated making good of existing brickwork.

Method of Works

The openings are to be formed sequentially, starting at Ground Floor, through to the Third Floor level and in accordance with Sinclair Johnston Structural Engineers Drawing 7851-SK062-1. The steelwork to be installed is of a stacked arrangement consisting of pre-drilled 200x90 PFC vertical members, with a 203 UC beam horizontal member / lintol. The following describes the methodology to be implemented and is based on the ground floor level:-

- a) Temporary Support
 - Form 2 No. 300mm wide slots, 1-brick deep into existing brick joint. Slots to be set out 600mm each side from the centre of the opening
 - Insert into the slots Acro Strong Boy Support Attachments
 - Place correctly sized Acro in to the Support Attachment. At their base, the Acro's, will sit onto the concrete slab.
 - Horizontal restrain the Acro props to prevent movement using a scaffold tube.
- b) Remove Brickwork
 - Saw cut perimeter of proposed opening to a depth of 225mm (1-brick) only
 - Break out and dispose of the brickwork to the depth of the cut.
 - Make good any fractured or broken brickwork, including any voids, using reclaimed stock bricks and lime putty mortar as specified and to match the existing.
- c) Install Steelwork
 - Steelwork to be installed as a pre-assembled Goal Post arrangement. Vertical PFC members to be bolt fixed to the horizontal UC member.
 - Once assembled, lift the Goal Post into position within the prepared cut-out.
 - Check for line, level and plumb and temporary timber wedge the steelwork into place.
 - Drill 18mm diameter holes through the pre-drilled PFC into the brickwork structure behind to a maximum depth of 190mm.
 - Fix PFC to brickwork using Resin Bonded M16.
 - Any gaps between the PFC and brickwork to be dry packed.
 - Bolt fix bases of PFC down to the 203 UC Beam below (Ground floor beam installed previously. Upper floor will bolt down to the UC beam installed as part of the goal post frame assembly)
 - Remove Acro props and Strong Boy Support Attachments

Repeat the previous described method on the opposite side of the wall and then for Levels 1 to 3.