



38 Mosley Street – Front Door Methodology

Re: 38 Mosley Street, Manchester – Heritage door removal, adjustments and reinstallation

Further to the request from Manchester City Council and in line with the conditions schedule which has been prepared to set out the work and actions necessary to comply with the conditions attached to the decision notice for Application No. 132737/FO/2022 and 132738/LO/2022. The below methodology highlights the proposed schedule of works involved in making the front door of 38-42 Mosley Street back to a fully functioning and openable front door.

Background

The current set of existing doors are currently unopenable and have during the past have had a metal sheet bolted to the back of the doors in order for the doors to be kept permanently shut. At some stage during previous ownership a sliding door mechanism has been retrofitted onto the doors to create an opening from the Mosley Street elevation into the building. Our objective is to best conserve this element of the buildings significance whilst making necessary alterations in order for this door to be made functionable once again and into a usable main entrance. For this to be achievable the following process has been proposed: 1). Remove the existing doors by cutting the top section in situ then removing all sections and transported back to a bespoke joinery workshop for assessment. 2). Adjustments to be made to the doors to create an openable double door with a fixed head panel. 3.) Reinstallation of the new doors ready for painting and decoration.

Door Removal

The following methodology is our proposed sequencing of works to remove the door and to transport back to a joinery workshop for full assessment and for the alterations to be made, at this point drawings will be provided by TA Knox along with a method statement detailing the works that are to be undertaken , the equipment required for these alterations are to large to be done on site. Applications have been approved by Manchester City Council to erect a temporary hoarding on Mosley Street to secure the site following the door removal, a pavement closure to carry out the works.

Methodology

Equipment required

- Scaffold Tower
- Plunge rail saw with fine tooth blade
- Manual handling lifting straps



Method / Sequence of Operations for the removal of the existing front door of Mosley Street

1.	All Personnel to arrive on site at specified time to receive site induction or will have been inducted. During the site induction all operatives will be made aware of the heritage nature of the doors and that care must be taken to ensure no damage is made when removing the doors.
2.	Site foreman (toolbox talk) all personnel on lifting plan and carry out walk through all documentation will be presented to the site management (or will have already been presented) All personnel to wear the relevant PPE as per the risk assessment.
3.	The steel plate that is on the inside of the door will be carefully removed using hand tools to limit the risk of damaging the door by using power tools. The doors will be fully assessed once the steel is removed and a full heritage restoration will be completed by the specialist joinery firm as part of their works back at their workshop.
4.	Erect a hording on Mosley Street to protect the work area paying particular attention to ensure that the heritage elements of the external facade of the building are covered to protect them from damage. Install Chapter 8 barriers to close off the pavement around the entrance work area. Utilising the existing sliding door mechanism the door will be half opened to facilitate the cutting of the door in situ. The central joint will be cut to create the two sections of the new door layout.
5.	Using the architects drawing AXI-500Stage 3 Rev 3 the doors will be marked up where the cuts need to be and these measurements will be checked by Cubic site management and the architect prior to being cut. A fine tooth blade in a plunge rail saw 1 st cut the top "Fixed" section of the door. Which remains in position until the lower sections are removed to reduce the risk of damage. We will be retaining the existing external stainless steel to remove the risk of any damage to any of the external heritage elements by removing it.
6.	The removed sections of the door are to be carefully wrapped in a protective material ready for transportation.
7.	The removed smaller sections of the doors will be carried through the building carefully using correct manual handling methods and loaded onto the vehicle on West Mosley Street

1.	After the removal of the doors a wooden hording will be erected internally to secure site and ensure the building is weather protected . This will be fixed to the internal brickwork 9in the same position as the current doors and will not have any impact to the external heritage elements of the building. The hording will be painted the same blue colour as the current doors.
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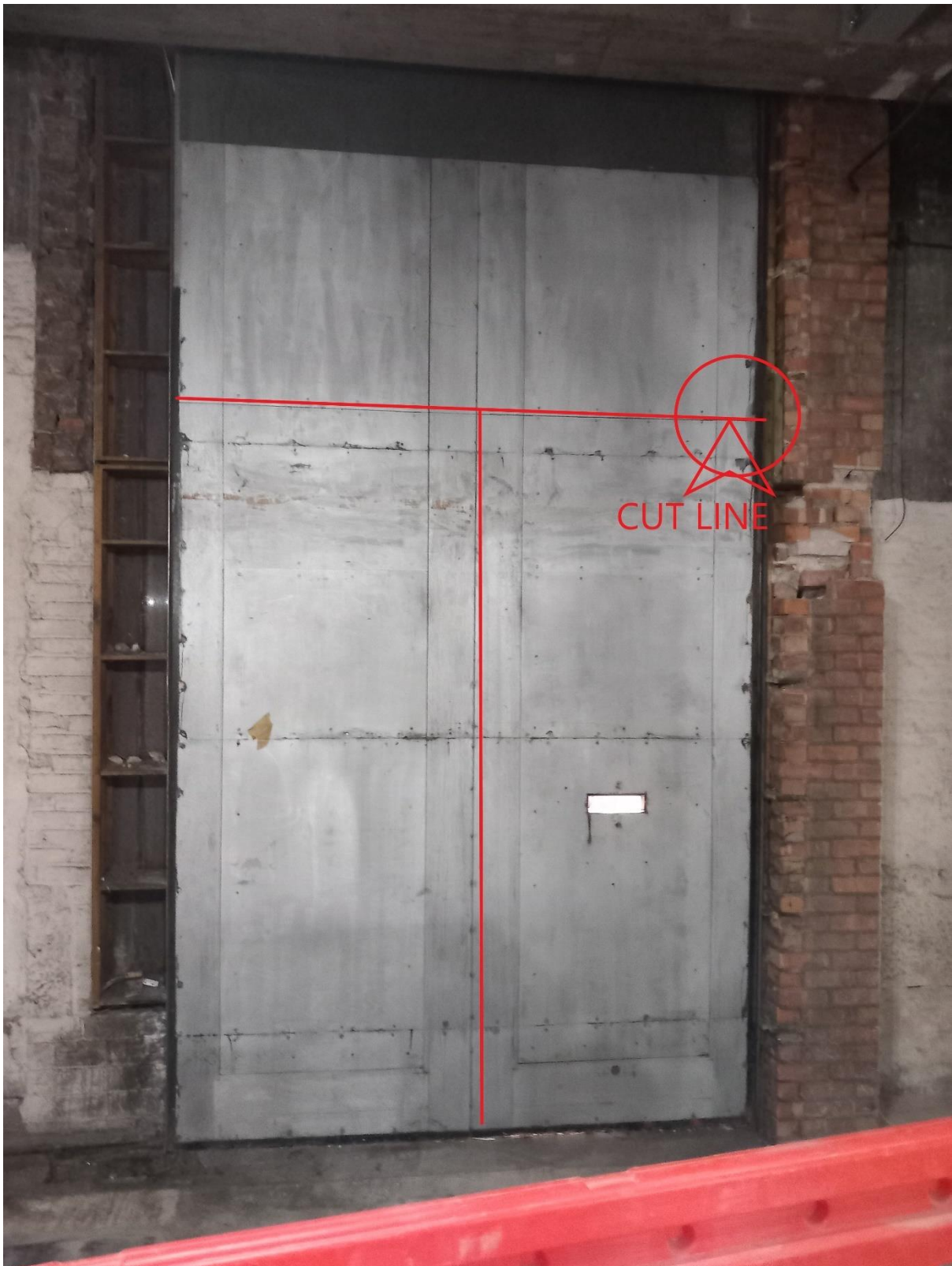


Figure 1.0 – Marked up cut location on front door