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Technical Note

Project: Cut & Craft – 38-42 Moseley Street, Manchester, M2 3AZ

Subject: Building Stability – Floor removal

Date: 07/01/2025

The proposals for The Cut and Craft restaurant in Manchester include the removal of a section of reinforced concrete ground floor which was originally constructed in the 1960's/1970's. The floor slab is currently supported on internal masonry/concrete walls and a curved perimeter masonry wall.

Prior to the section of floor being removed, a permanent steel frame will be installed beneath the slab supported on new concrete pad foundations. The steel frame will provide vertical support to the slab once the slab bearing on to the curved wall is removed.

The new opening is to be cut in the slab beyond the line of the existing building columns (i.e. within the semi-circular window). The retained section of the concrete ground floor slab will provide sufficient lateral stability and restraint for the columns and retained walls below.

The attached sketch shows the partial extent of the slab, position of the wall below and the location of the new floor opening for reference.



