

Action Plan

Creation of a second floor within units 1 and 2

1, Install moveable scaffolding on the 1st floor

2, Mark floor levels and remove a small section of internal stone where required in order to install padstones and steel. Allow 48 hours for pad stones to set properly.

3, Installing Steels - Above the front door in units 1 & 2 there is a void that rises up into the rooms on the first floor allowing the front doors to open and therefore we will take advantage of this access and move the supporting steels into the building and up on to the first floor through this space.

This will be done manually with an eight-man team allowing us to easily move the steel carefully and safely to ensure no damage occurs to the stone door surrounds.

4, The steels will then be raised into position using a movable genie steel lift. This will allow us to move the steels into position with ease and safety. Due to the thickness of the walls and cavity space, there will be no requirement to open any exterior walls. Steels will be either fixed together using bolts or welded in position.

5, The void above the door in house number 1 will then be boarded and the area above this will now become the start of the stair way for the second floor. In house number 2, a landing way will be created as per the architectural drawings in order to create an area for the stairs to be installed.

6, Temporary stairs will be installed in to both units in order to access the newly created second floor area.

7, Floor joists will then be installed as per the structural engineer's instructions between the supporting steels and into the internal supporting walls. Where the joists are to be placed into the supporting wall, they will be wrapped in DPC to ensure there is no risk of rotting in the future from existing moisture in the walls.

8, 22mm flooring will be installed on top of the steels and joists in both units in order to create the new floor.

9, A stud partition wall will be created in unit 2 to create a small bathroom.

10, The underside of the stairs and the wall to the side of the stairs will be boarded using fire board.

11, Fire doors will be installed at the bottom of each stairwell.

12, Smoke alarms will be installed on the second floor in both units.