

Method Statement

Project: 155 Grays Inn Road

Scope of Works: Installation of Temporary Works

Contractor: J R Pickstock

Programme: 4 Weeks

Methodology

1. Measure and mark the positions of the under pinned foundations and temporary supporting steels using removable markings.
2. Using a laser guide mark the position of the steels on the wall and repeat on the first floor.
3. Using a hand held mechanical breaker, remove the slab in the position of the temporary supporting steel joist leaving working room around, whilst minimising the damage to the listed wall.
4. Any parts of the structure directly joined to the listed wall will be removed carefully by hand.
5. In the case of the ground floor slab, once the concrete is removed, carefully excavate out the to the required dimensions the under pinning pit, this will be undertaken in a hit and miss sequence.
6. Once excavated fill the pit with concrete as specified with the holding down bolts for the temporary support steels cast in.
7. Repeat along the length of the wall.
8. The pre-drilled temporary supporting steels will be brought on to site in sections and joined on site, the steel sections will be left in the vicinity of the under pins for later use.
9. The steel columns will be lowered down onto the holding down bolts and positioned such that the temporary supporting steels will be as flush as possible with the face of the wall. Upon being positioned the bolts will be fixed in to place using a torque wrench.
10. Upon the first section of steel be put in place, the process will be repeated for the length of the wall.
11. On the first floor the steels will be lowered in to place on an A Frame and jointed by bolts; again positioning the column as flush as possible to the face of the wall.
12. Upon all the steel work being in place, the wall will be drilled through the pre-drilled holes in the steel and a resin anchor inserted to the wall. The steelwork will then be bolted to the wall packing with steel shims where necessary so that it does not move during the demolition and construction of the project.
13. Upon the steel columns being bolted in to place the cross members will be bolted to the columns and then the wall as per item 12 to brace the temporary structure.
14. The demolition will now be able to commence which will be undertaken by skilled demolition operatives.

15. The roof will be separated from the Listed Wall carefully by hand. Using light tools only where necessary.
16. The main structure of the building will be demolished working toward the Listed Wall, where upon being near the final junctions the building will again be removed carefully by hand.