



**STRUCTURAL NOTES**

- Where the existing 9" thick structural load-bearing brick wall is to be demolished and replaced with a 203 203 46 UC beam, the Contractor is to provide support to the underside of the first floor slab before demolition is to commence. All props are to be taken down to structural ground floor level on spreader beams. Once the props are in position, the wall on the first floor level is to be demolished before demolition of the wall directly underneath can commence - to minimise the loads on the props and to protect the slab.  
 NOTE that the first floor slab was NOT designed to act without support in this area and the new support beam has NOT been designed to carry the existing wall above it at all. Only when the new support beam has been fully fixed in place can the propping be removed.
- Where the existing 9" thick structural load-bearing brick walls are to be demolished to be replaced closely, no special propping of the slab is required provided that, again, the wall on the first floor level is to be demolished before demolition of the wall directly underneath can commence.  
 NOTE that the first floor slab was NOT designed to carry the wall above it by itself.  
 Also, each overall height of wall is to be replaced one at a time so as to help maintain overall lateral stability of the building at all times.
- The Contractor is to submit a demolition/construction method statement plus details of the proposed propping system to the PM at least 2 weeks before work is to commence.

**TYPICAL SECTION A-A  
ON NEW LOAD-BEARING WALLS**

**TYPICAL ELEVATION  
ON NEW STRIP FOUNDATION**

**DETAILS OF SUPPORT BEAM  
TO UNDERSIDE OF FIRST FLOOR SLAB**

**ELEVATION OF SUPPORT BEAM TO UNDERSIDE OF FIRST FLOOR SLAB**