



Proposed ground floor slab SSL.

A continuous slot is created at the base of existing internal load bearing walls, using steel stools installed in an underpinning type sequence. A new ground floor slab is then constructed providing the new support to internal walls.

Refer to Steel Stool Installation Sequence drawing for further details.

120 x 120 x 8 UKSHS (S355)
Steel columns on pad bases provide intermediate support to slab. Column and pad bases installed within underpin excavation prior to forming ground floor slab and excavating basement.

Sacrificial steel props (Acrow) used to provide support to wall. (propped from new pad bases installed in 'underpin' type foundation.)

Proposed basement slab SSL.

1.5 x 1.0 x 0.4m deep Pad foundation formed in underpin excavation.

Elevation of Load Bearing Wall showing Basement Column Installation and Installation of Steel Stools for Ground Floor Slab Installation.

10 Clorane Gardens
Structural scheme.
Detail of Basement Column Installation
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