



**Key:**

- Denotes Reinforced underpin forming retaining wall.
- Denotes Reinforced Cantilever retaining wall. In battered excavation.
- Denotes steel stool installed to provide support to wall and slot for new slab.
- Denotes Steel column installed on base at basement level.
- Denotes sacrificial steel prop (Acrow) used to provide support to wall. (propping from new pad bases installed in 'underpin' type foundations.)
- Denotes non-loadbearing wall to be removed. (before removing wall check span to beams and joists over to check wall is non-loadbearing.)

Existing Internal load bearing walls, steel stool installation.  
 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.

Reinforced cantilever retaining wall formed in battered excavation. Construction sequence to ensure existing foundations are not undermined.

Temporary props within window openings whilst underpinning works are undertaken.

**10 Clorane Gardens**  
**Structural scheme. - Ground floor stage 1 enabling works,**  
**K697 – SK4** **9/1/16**

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