

ASSUMED SEQUENCE OF CONSTRUCTION

1. Install Temporary Works and Underpin

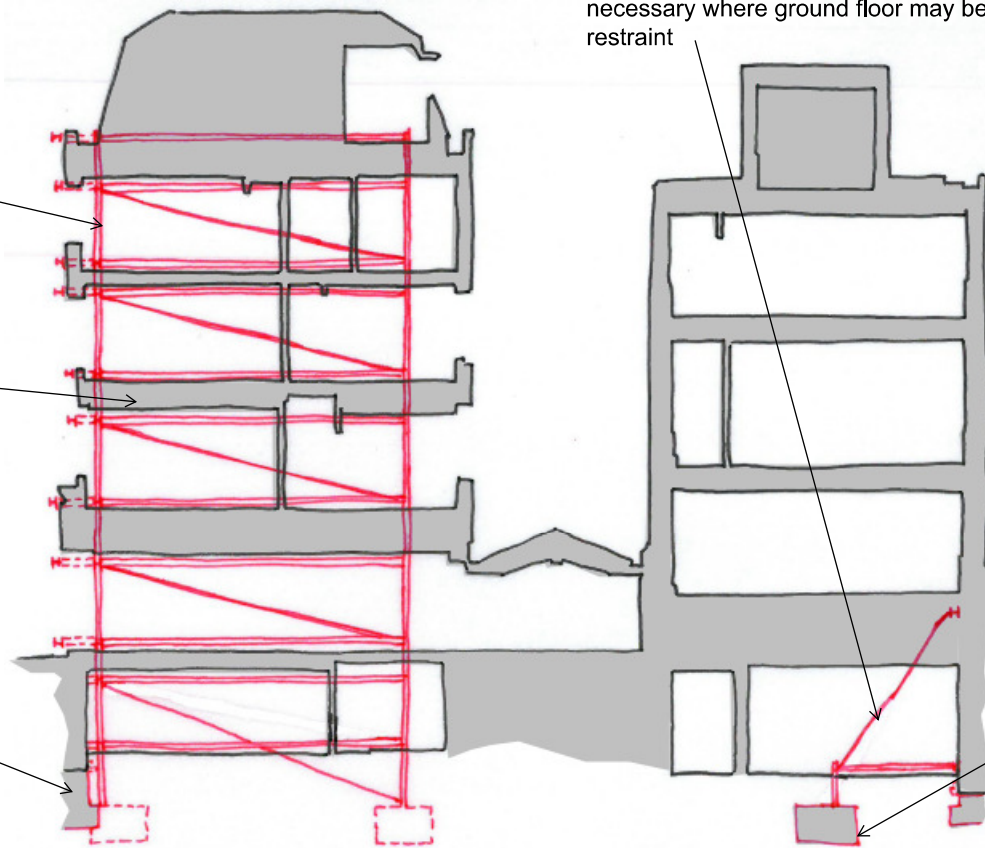
Install temporary propping to 12-13 Greville Street for full height at retained facades

Temporary beams installed above and below existing floor structure

Underpin boundary walls as necessary for proposed formation level

Install temporary propping to boundary walls as necessary where ground floor may be providing restraint

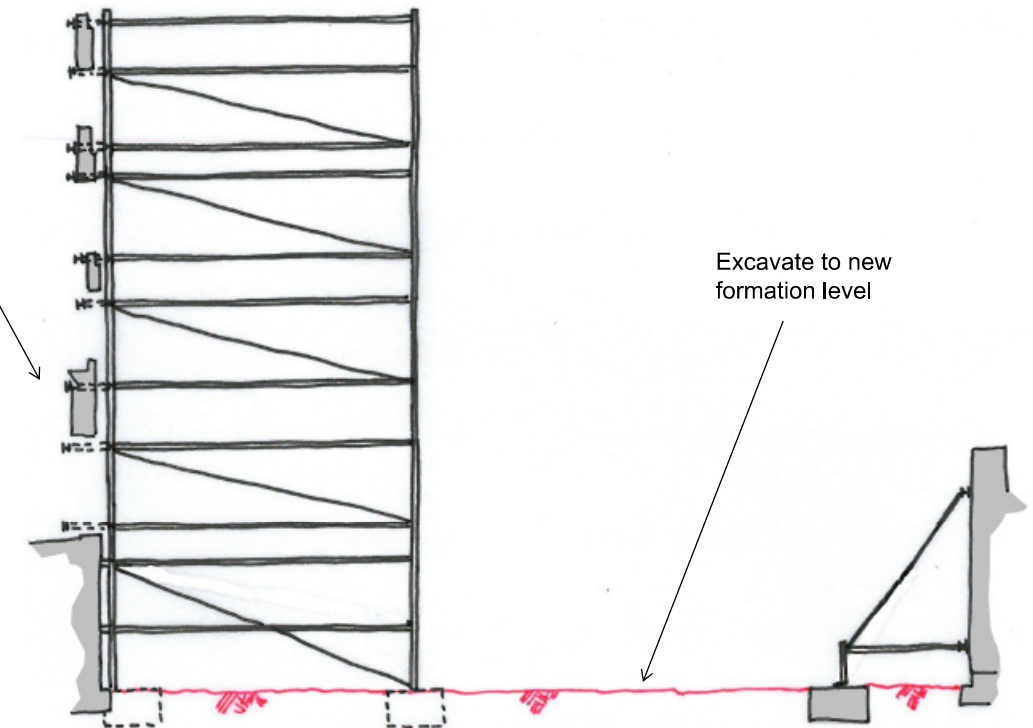
Cast mass concrete foundations for temporary propping



2. Demolish Existing Building

Front and side facade to remain

Excavate to new formation level

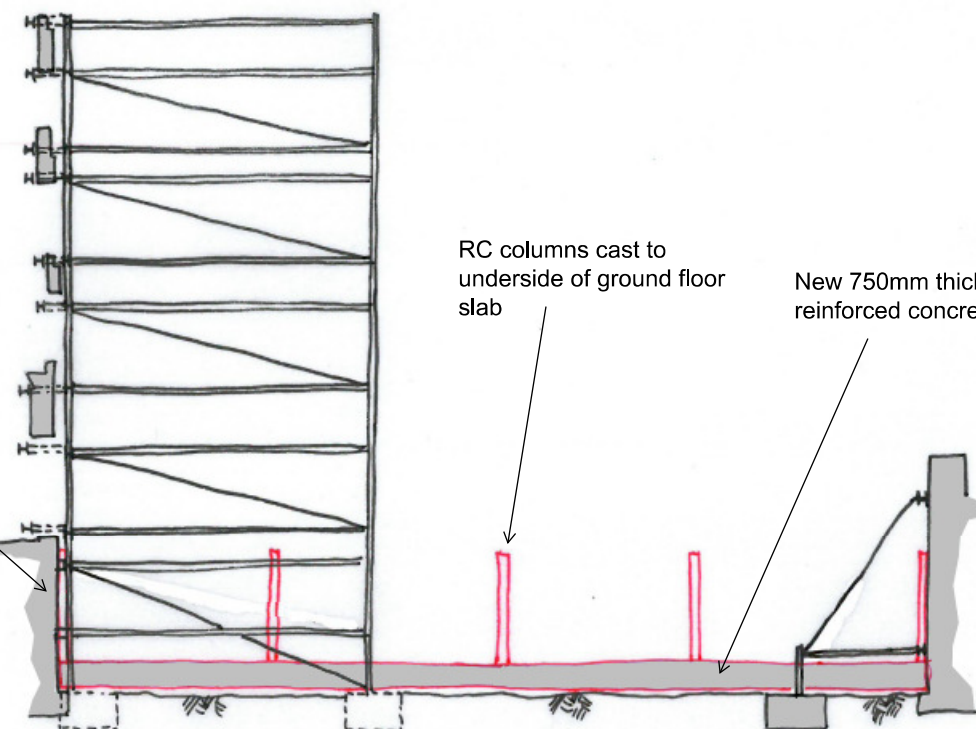


3. Construct Reinforced Concrete Raft Slab

Possible precast concrete columns around temporary works at retained facade is sufficient space is not provided for formwork etc.

RC columns cast to underside of ground floor slab

New 750mm thick reinforced concrete raft slab



4. Continue With Reinforced Concrete Frame

Temporary propping can be removed once existing structure is tied to new RC frame and the concrete has reached adequate strength

RC frame constructed floor by floor

