



CONCRETE UNDERPINNING

Where concrete underpinning is required use the following sequence:

1. Excavate bay. The bays are to be constructed in the order shown on the drawings. The depth required will be that below the existing level where competent subsoil is encountered to be agreed on site with the building inspector. Care should be taken to avoid undermining adjacent bays and footings.
2. Support all excavations with timbering.
3. Ensure excavation is clean and that a clean construction joint exists between the concrete surfaces.
4. Install rebar in line with schedules & dowels to adjacent pins as per details, pay attention to achieving specified cover values
5. Cast the concrete directly against the back of the excavation and against a plywood stop end at the front and ensure that the concrete is fully compacted and leave a 75 gap between the footing and the excavation.
6. Cover concrete surfaces and allow 48 hours to cure.
7. Pack tight the 75mm gap with well rammed dry pack.
8. Backfill remaining excavation, compacting in layers.
9. Proceed with subsequent bay.

NOTES:

All internal partition walls at each level to be removed assumed to be non-structural - heads & floor/roof structure over to be exposed on site prior to removal of all walls, allowing for inspection by Engineer. No walls to be removed prior to agreement with Engineer.

This drawing is to be read in conjunction with all other Architects and Engineers drawings, details and specifications.

Any discrepancies in the arrangement and details discovered on site, or otherwise, are to be reported to the Architect or Engineer immediately.

All dimensions in mm.

Do not scale from this drawing.

PRELIMINARY

rev.	description	date
P2	Updated to trial pit findings	14.05.20
P1	First Issue for comment	21.04.20

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