





B2 - 178x102x19 UB

floor/roof structure over to be

removal of all walls, allowing

for inspection by Engineer. No

walls to be removed prior to

agreement with Engineer.

First Floor Plan

exposed on site prior to

440x100x150dp C20 padstone

<u>allowance</u> 203x133x30 UB onto new padstone/post within new timber wall to re-support wall/floor over

allowance replacement of existing timber joists to extend to new support UB if existing found to be of insufficient length - new joists to be min 50x175 C16 @400ctrs clad with new 18mm plywood covering or existing boards maintained and re-fixed

existing floorlight trimmers maintained and infilled via min 175x50 C16 soldi timbers @400ctrs, 18mm plywood cladding fixed

existing trimming structure maintained and re-supported - area to be exposed on site & support details developed following inspection assumed joist span, span, size and spacing

allow for replacement of double joist under partition wall following exposure of area required for recessed sliding door track if - to match existing joist size in C24 timber, bolt together via M12 gr4.6 bolts @400ctrs

TBC on site - retained generally

timber trimmers to adjacent joists around door track recess in sizes to match existing, C24

existing adjacent joist, exact location as site condition

pairs min 50x200 C24 trimming joists bolted together via M12 gr4.6 bolts @400ctrs

new steelwork & trimmers to allow recessed door head into existing floor - existing joists maintained and hung from new trimmers via SAE type joist hangers by Simpson Strongtie, steel beams with 100mm end bearings installed onto 220x100x75dp C20 padstones or class B engineering bricks

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

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