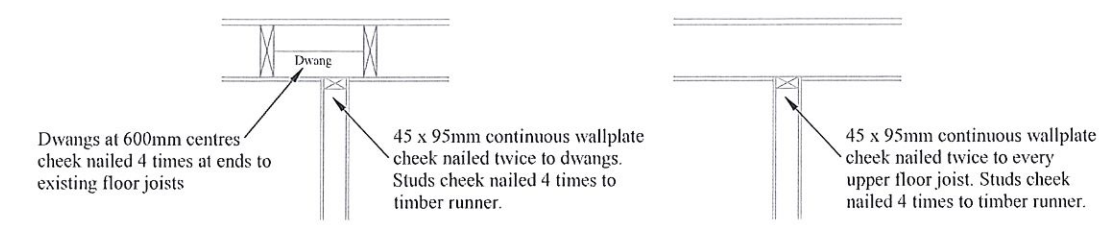


Ground Floor Plan

- SGB 3 Tonne prop
- ==== Removals
- ==== New Partition
- Span of Ex. upper floor joists
- D/B - Existing downstand beam over



Typical Head Details At New Partition Wall

FOR PROPPING DETAILS REFER TO DRAWING NO. E3785/02

Making Good At Ends Of Masonry

At ends of new slappings partially re-build walls with brickwork from the demolitions fully tooth bonded to existing and fully re-point with a 1:3, cement:sand mortar on all sides of wall to achieve sound and tight masonry construction for supporting the new beams.

Removal Of Walls Marked 1 And 2

1. Archive drawings show this wall to be a masonry infill wall in an original opening. Another archive drawing indicates a steel beam has been installed to presumably support the end of the existing downstand beam. If no beam is found in place, then install SB3 beam as specified to support the end of the downstand beam.
 2. Existing masonry walls forming W.C. enclosure do not appear to be loadbearing. Contractor to strip off sufficient ceiling finishes to check that no beams within the floor above are supported by these walls.
- Should the as built situation differ from the above and structure is not found to be in place as described above, then the engineer is to be contacted for further instruction.

Main Slapping Beams And Lintels

- SB1 - 1no. 178 x 102 x 19 UB seated 150mm onto a PS1 padstone at both ends.
- SB2 - 1no. 178 x 102 x 19 UB seated 150mm onto a PS2 padstone and 100mm onto a PS3 padstone.
- SB3 - 1no. 178 x 102 x 19 UB seated 150mm onto a PS2 padstone and 100mm onto a PS3 padstone.

NOTE: SB3 ONLY REQUIRED IF EXISTING STEEL SUPPORT BEAM IS NOT IN PLACE

- PS1 - 330 long x 115 wide x 150mm deep concrete padstone.
- PS2 - 225 long x 115 wide x 150mm deep concrete padstone.
- PS3 - 250 long x 115 wide x 150mm deep concrete padstone.

Non Load Bearing Stud Partitions

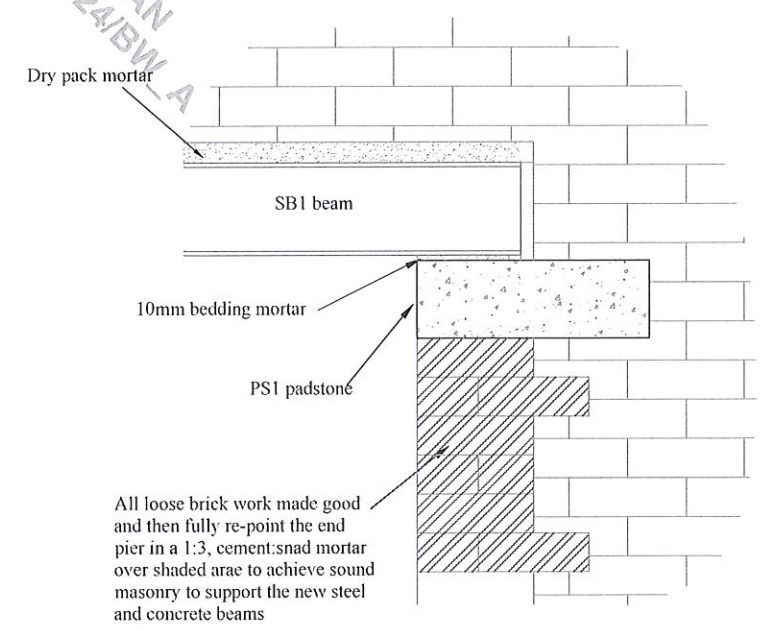
Non loadbearing stud partitions to be fixed to ceiling structure via dwangs or a continuous timber runner as detailed. Stud partition similarly connected to timber floor at base. At solid floors, connect a continuous timber runner to floor with Hilti framing anchors at 300mm centres and cheek nail studs 4 times to runner.

1. New timber to be strength class C16 minimum to BS5268 Part 1 unless noted otherwise.
2. All proprietary hangers, bolts, connectors, lintels etc to be installed in accordance with the manufacturers written instructions.
3. Where timbers are shown doubled up then fully spike together with 2 lines of 4mm dia nails or screws at 200mm staggered centres.

Timber Spiking Detail
4. All nails to be 4.2mm diameter square twisted sheradised nails. Framing anchors and truss clips to be fully nailed utilising all nail holes.
5. Read in conjunction with drawing no. E3785/02 and all other relevant architects drawings.
6. General mortar for making good to be a 1:3 designation (ii) mortar to Table 1 of BS5628 Part 1.
7. New internal steelwork to be grade S275 JR to BS5950 Part 1:1990 and to be shot blast to SA2 1/2 and shop primed with 125 microns (dft) of zinc phosphate. All steelwork to be site sized by the contractor to ensure fitment with existing structure.
8. All concrete to padstones to be grade C30N to BS8110 Part 1.
9. Works to be adequately needed and propped during the construction period with 152 x 152 UC needle beams and SGB 3 tonne props and suitable spreader battens. Props to be fully braced together for lateral stability all as per manufacturers written instructions. Props are to be taken down to a solid base onto suitable spreader plates are to remain in place until dry packing has cured for a minimum of 5 days.

Propping Load: SB1 - 2.8 Tonnes/m
SB2 - 1.5 Tonnes/m

'Strongboy' props are not to be used.
10. New lintel beams to be fully packed tight to underside of existing masonry/timber using brick / slate / 1:3 cement:sand dry pack mortar with a consistency so that it can be moulded in the hand.



Typical SB1 Beam Seating Detail (1:10)

B | 18.07.23 Updated to architects latest drawing
A | 13.09.22 Existing stairs at kitchen changed back to original

| | |
|---|----------------|
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| Project | |
| 35-37 Westgate North Berwick East Lothian | |
| Drawing Title | |
| Ground Floor Layout And Details | |
| Drawn | R. L. |
| Date | 09 August 2022 |
| Scale | 1:50 1:20 |
| Drawing No. E3785/01 B | |