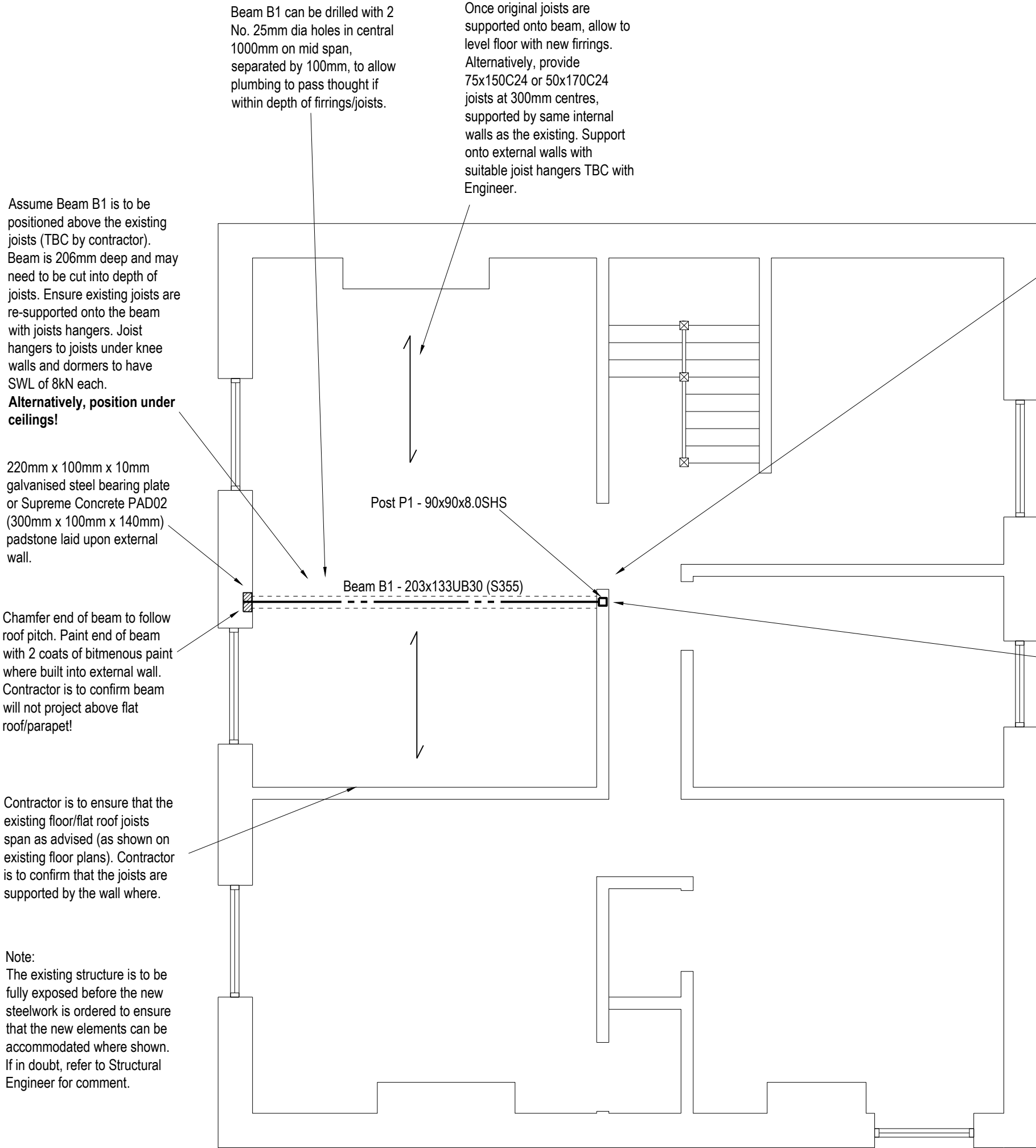


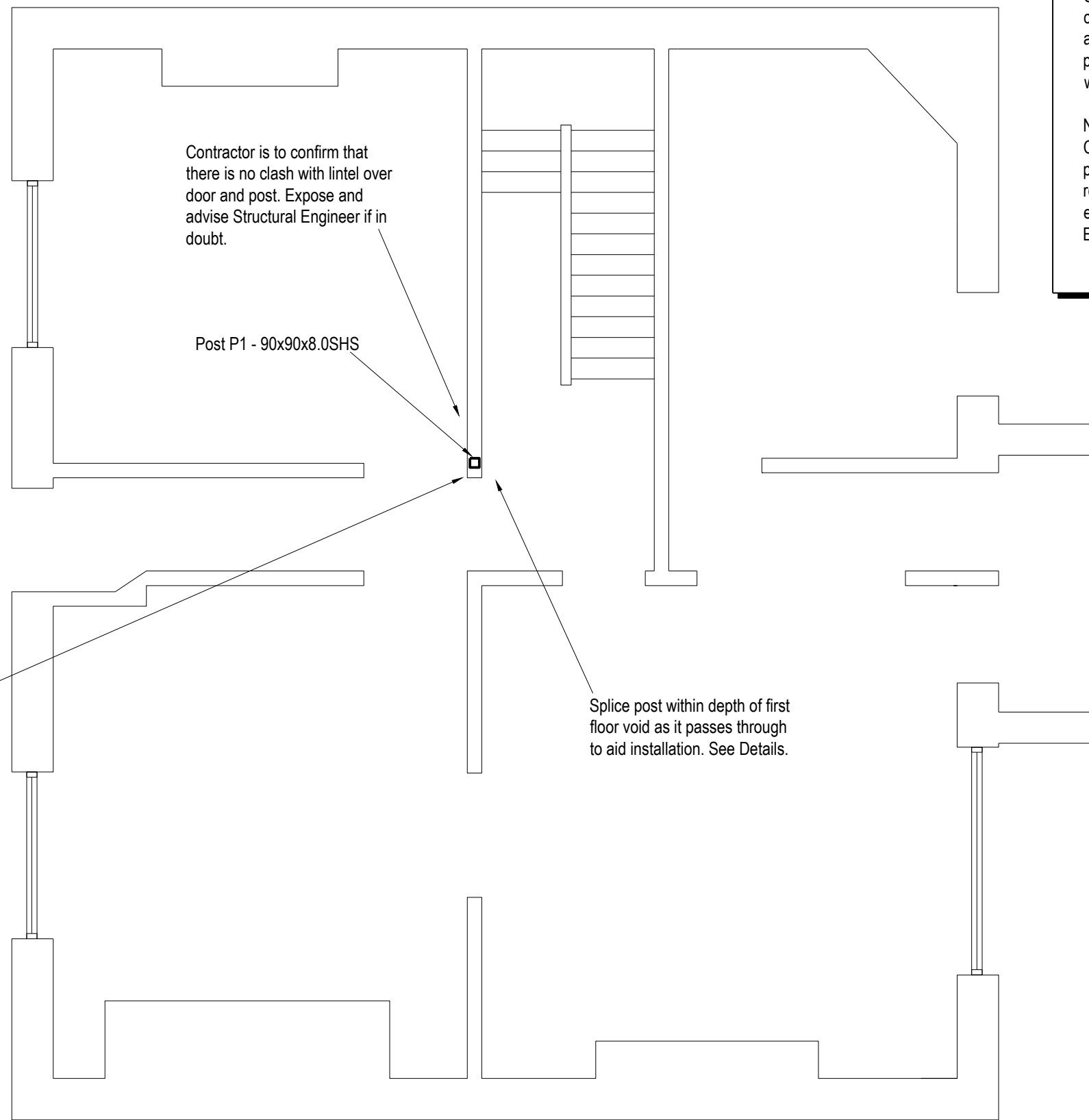


**Proposed First Floor Plan.**  
(Showing strengthening works)  
(1:50)

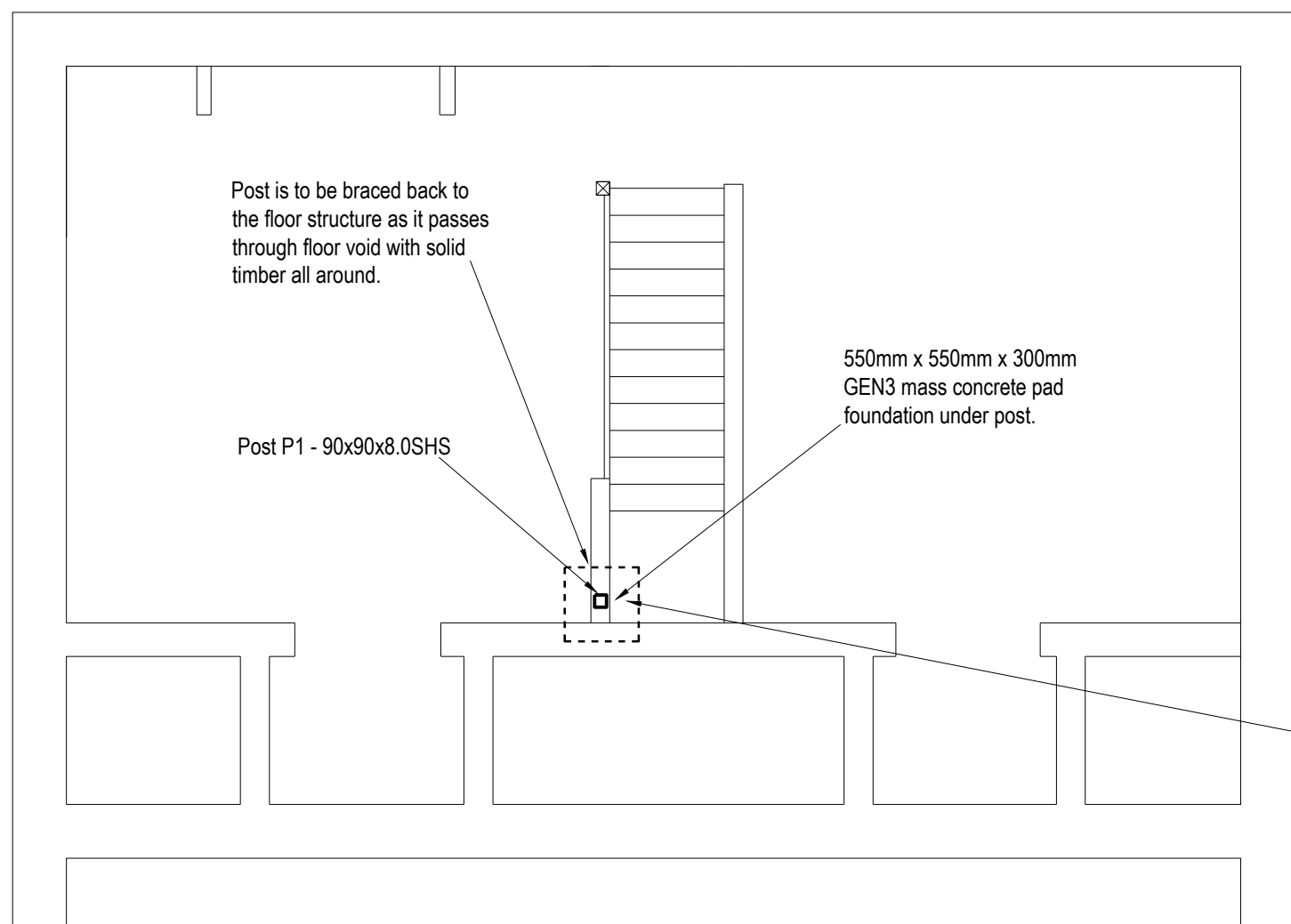
Contractor is to confirm that Post P1 will not clash with lintel over door. If it does, refer to Structural Engineer for comment as post may need to be bolted to the top of the lintel and light to the underside rather than in a single length. Detail TBC once exposed.

Post is to be braced to the walls and floors throughout its height for lateral stability. Refer to Details.

Where post passes through wall plate at floor level, allow to cut away to accommodate post. Fit new C24 studs either side of post to support cut ends.



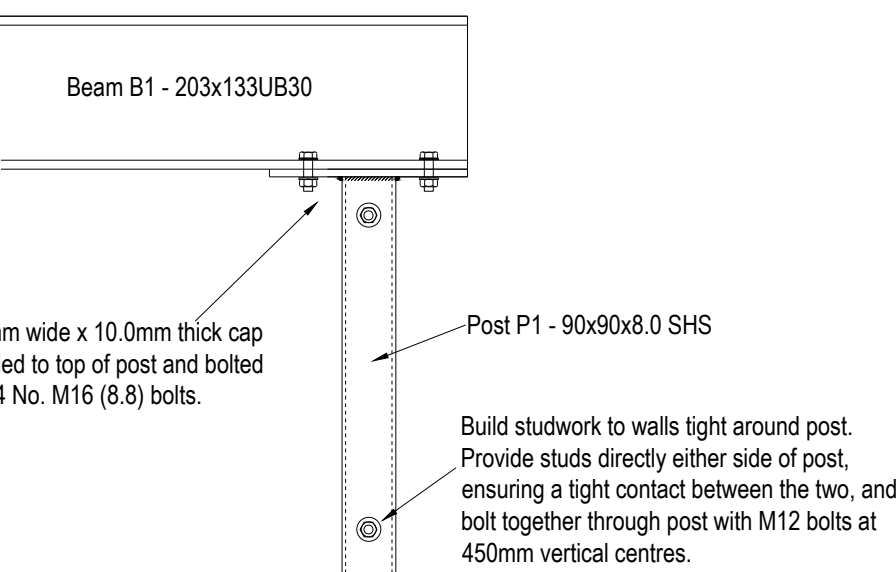
**Proposed Ground Floor Plan.**  
(Showing position of post)  
(1:50)



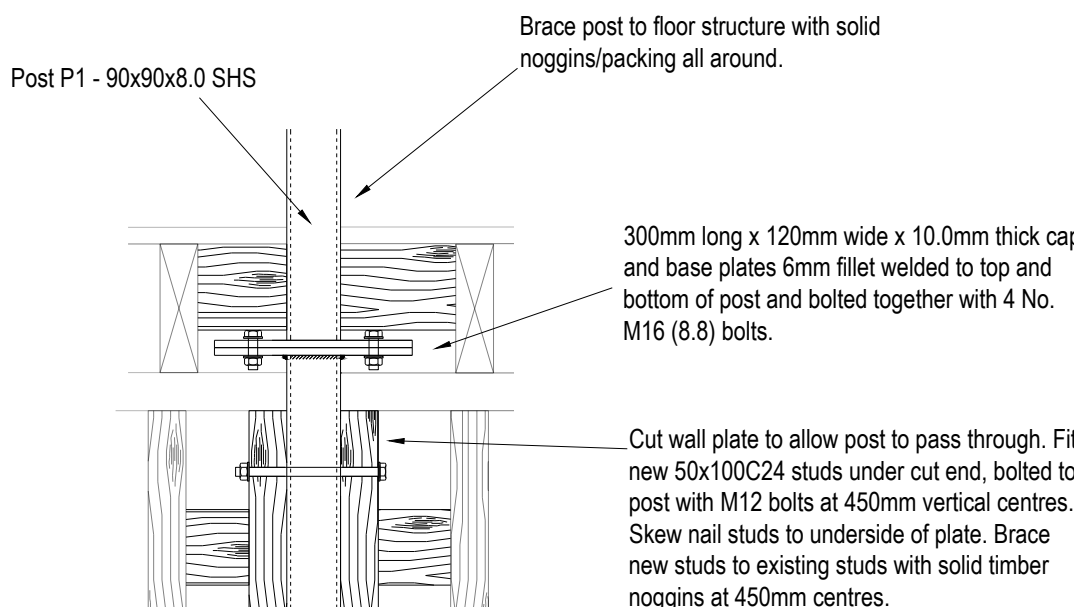
**Proposed Part Basement Floor Plan.**  
(Showing position of post and new pad)  
(1:50)

Position of Post TBC before ordering materials. If post aligns with the masonry wall, allow to lay a padstone (size TBC by Engineer) on masonry and bolt post to it.

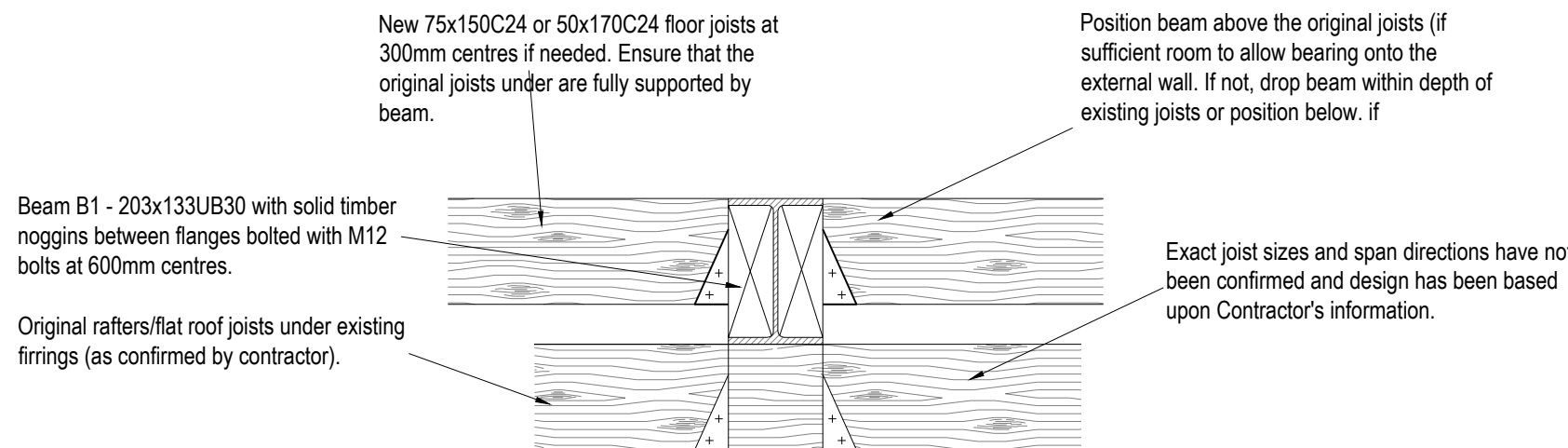
Contractor is to confirm trimming arrangement to staircase and support to wall above. If installation of post requires cutting of trimmer supporting studwork wall above, refer to Engineer for comment as new post may need to be bolted to top of trimmer and propped underneath.



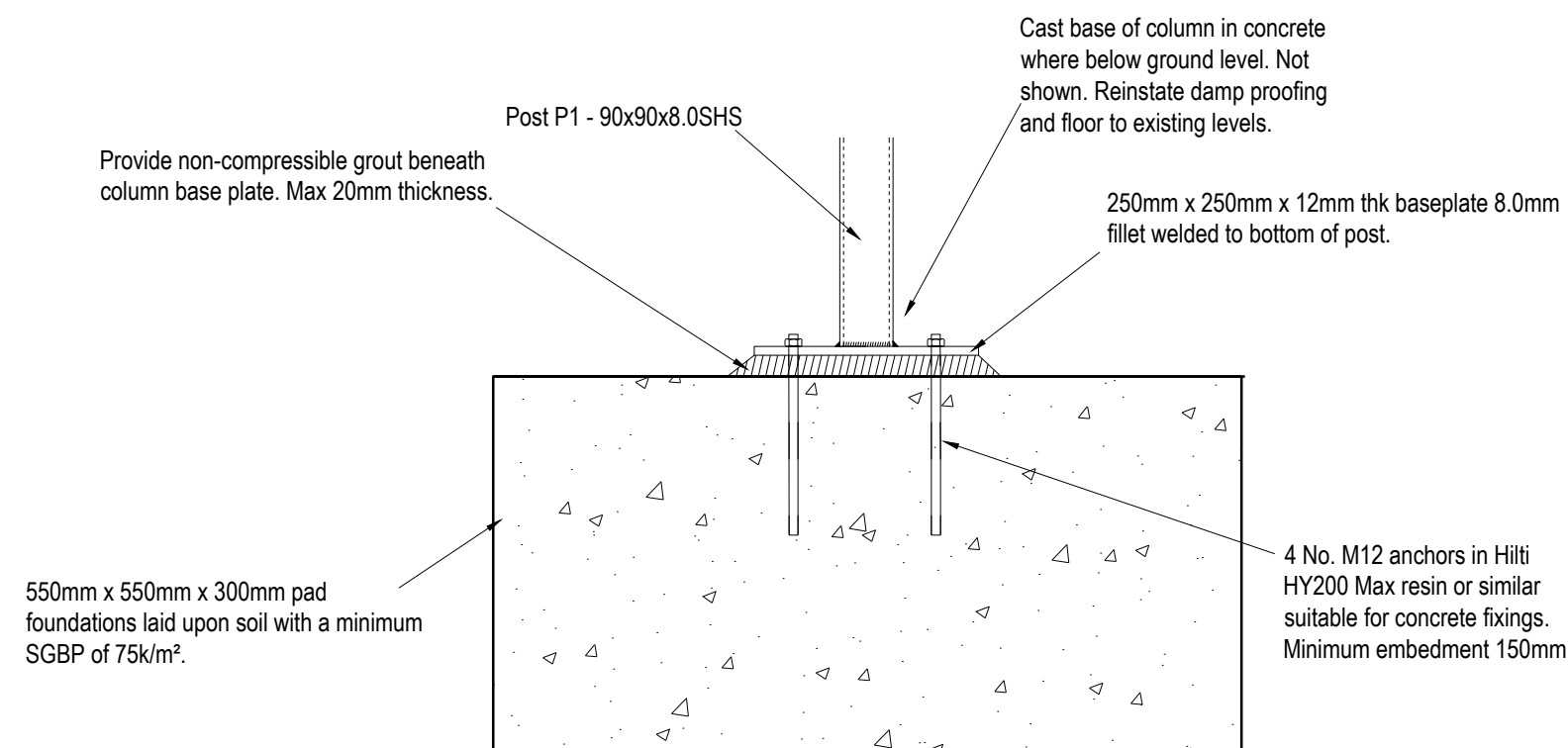
**Detail A**  
(Beam B1 to Post P1 Connection)  
(1:10)



**Detail C**  
(Possible Splice Detail to Post/Bracing Detail at First Floor Level - TBC Once Exposed)  
(1:10)



**Detail B**  
(Possible Section Through Beam B1)  
(1:10)



**Detail D**  
(Posts P1 to Foundation Connection)  
(1:10)

**General Notes (see construction notes as well)**

Note:  
Final detailing of steelwork connections to be by the Fabricator for Structural Engineer's approval.

Note:  
Contractor is to ensure a tight contact between the new beams and the structure above. Provide dry pack mortar or folding timber wedges as necessary.

Note:  
Contractor is to provide temporary propping to the walls, floors and roofs prior to demolition of the existing walls. Refer to Structural Engineer if in doubt.

Note:  
All movement joints are to be provided in accordance with the Architect's construction notes and the material manufacturer's recommendations.

MJ - Additional movement joint position. Detail to be agreed between Architect and Contractor.

Note:  
Beams are to have a minimum 100mm bearing onto padstones where perpendicular to wall and 200mm where parallel, unless stated otherwise.

Note:  
New structure to have a minimum 30mm fire protection or to BCO's requirements. Refer to Architect's details for further information.

Note:  
All steelwork exposed to external moisture is to be hot dipped galvanised. Steelwork below floor void (excluding below ground level) or within cavity is to have two coats of bituminous paint or be galvanised.

Note:  
Beams are to be placed on centreline of wall unless stated otherwise.

Note:  
All precast concrete lintels are to be by Supreme Concrete unless agreed with Structural Engineer.

Note:  
Catic lintels are to be installed in accordance with manufacturer's instructions.

These drawings relate to the structural aspects of the works only. All architectural details, including insulation, ventilation, weatherproofing, means of escape, etc are to be specified by the Contractor

WORKS ARE SUBJECT TO APPROVAL OF ARUN DISTRICT COUNCIL'S HISTORICAL BUILDINGS DEPARTMENTS. NO WORKS ARE TO PROCEED UNTIL APPROVAL HAS BEEN GRANTED.

DRAWINGS HAVE BEEN PREPARED USING ARCHITECT'S HAND DRAWN/SCALED PLANS. MINOR DISCREPANCIES MAY BE PRESENT AS A RESULT AND POSITIONS OF ALL POSTS AND BEAMS ARE TBC ON SITE BEFORE ORDERING MATERIALS.

**General Notes**

- The existing structure is to be exposed by the Contractor to confirm that the span directions, wall and foundation construction, adequacy of bearings at supports, etc. are as shown and to confirm the correctness of any assumptions made by the Engineer before ordering any materials or commencing works on site.
- All dimensions to be checked on site. All details and dimensions relating the sub-contractors or suppliers work must be checked and agreed between the subcontractors or supplier and the general contractor.
- Steelwork to have two coats of red oxide primer generally and to have two further coats of bitumen paint where supported at external walls unless indicated otherwise.
- All internal steelwork subject to fire regulations to have min 30 min fire protection to Architect's specification or to comply with Building Regulations.
- This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and the specification, where applicable.
- Works to comply with current Codes of Practice, British Standards and Building Regulations.
- Contractor to provide all necessary vertical and lateral restraint strapping in order to comply with The Building Regulations.
- Any discrepancies are to be reported to the Structural Engineer immediately for comment.
- The BCO is to confirm the adequacy of the existing structure to comply with the assumptions/conclusions reached in the supporting calculations. If in doubt, refer to Structural Engineer.
- If in doubt about any detail, refer to Structural Engineer.

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| Rev.                                                                                                                                                                                                                                                                                                                                                              | Date:                        | Description               |
|                                                                                                                                                                                                                                                                                                                                                                   |                              |                           |
| <br><b>Mead Structures Ltd</b><br>Unit 9a Parkland Business Centre<br>Chartwell Road, Lancing, West Sussex BN15 8UE<br>T: +44 (0)1903 756544 F: +44 (0)1903 851943<br>E: info@meadstructures.co.uk<br><a href="http://www.meadstructures.co.uk">www.meadstructures.co.uk</a> |                              |                           |
| Project Details:<br><br><b>12 River Road<br/>Littlehampton<br/>West Sussex</b>                                                                                                                                                                                                                                                                                    |                              |                           |
| Client:<br><br><b>G. Andrews</b>                                                                                                                                                                                                                                                                                                                                  |                              |                           |
| Drawing Title:<br><br><b>Proposed Floor Plans</b>                                                                                                                                                                                                                                                                                                                 |                              |                           |
| Project No:<br><br><b>19072</b>                                                                                                                                                                                                                                                                                                                                   | Drawing No:<br><br><b>02</b> | Revision:<br><br><b>-</b> |
| Scale:<br><br><b>As Shown@A1</b>                                                                                                                                                                                                                                                                                                                                  | Drawn By:<br><br>RCW         | Engineer:<br><br>RCW      |
|                                                                                                                                                                                                                                                                                                                                                                   | Checked By:                  | -                         |