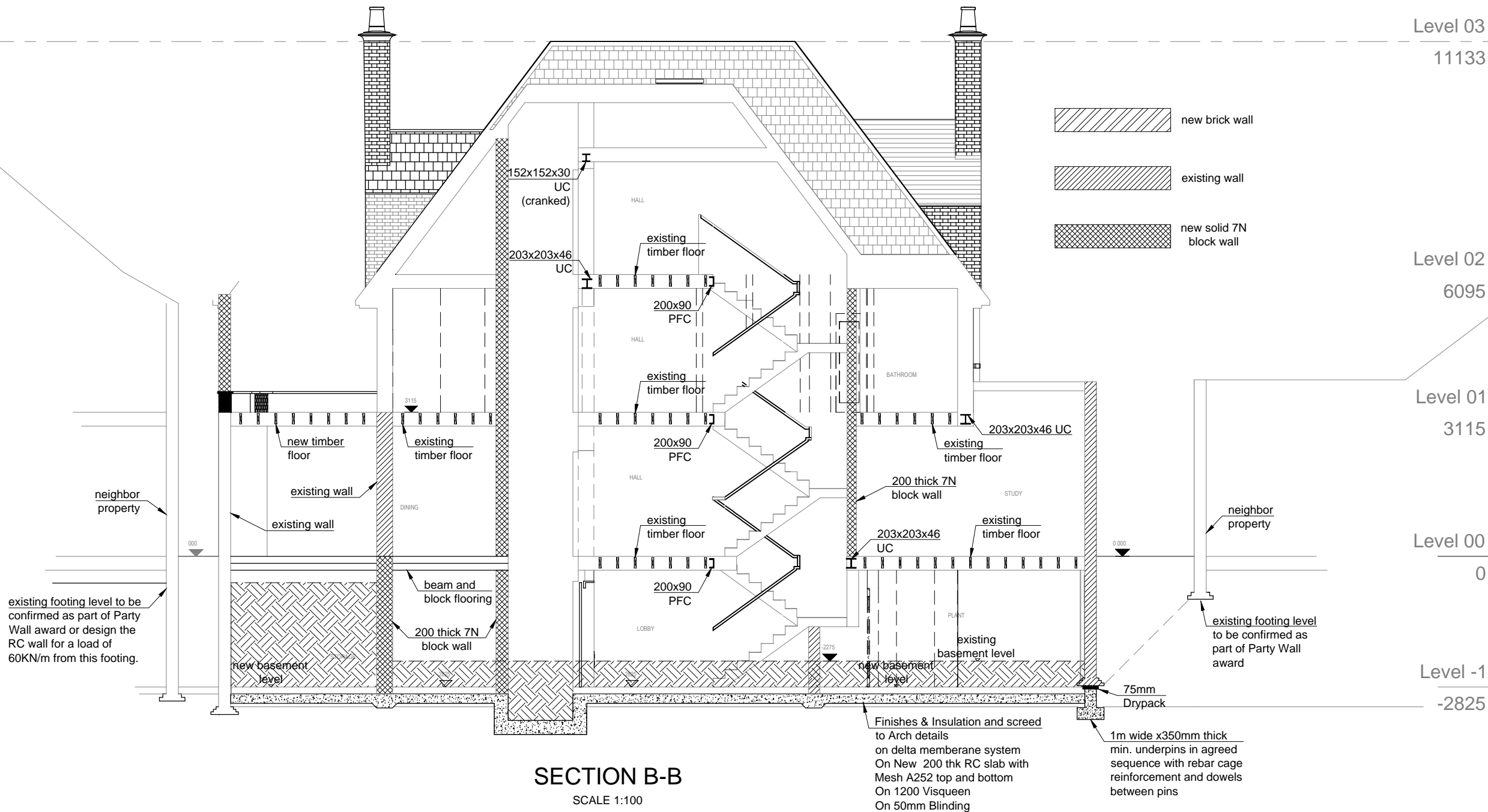


1. This Drawing to be read in conjunction with all other Engineers, Architects and Specialists drawings and specifications.
2. No dimensions are to be scaled from this drawing.
3. No deviation may be made from the details shown on this drawing without prior agreement of the Engineers.
4. Any discrepancy between this drawing and any other document should be referred immediately to the Engineer.
5. This drawing to be read in conjunction with all relevant Architect drawings.



SECTION B-B
SCALE 1:100

CONSTRUCTION

- Level 03**
11133 Steelwork
All structural steelwork is to be grade S275 (Grade 43).
All structural steelwork to achieve a 30 minutes fire protection.
Any connection shall be made using a minimum of 4 M16 bolts or as specified on the drawings and details.
All structural steelworks shall be shot blasted to Swedish standard Sa 2.5 or equivalent to remove all loose rust and mill scale and primed with zinc phosphate to a minimum dry film thickness of 80 microns before delivery to site, in accordance with BS 5493: 1977 Code of Practice for Protected Coating of Iron and Steel Structures against Corrosion. Following installation the steelworks shall be cleaned and prepared and any damage caused to the protective coating during construction shall be spot primed prior to final decoration.
- Level 02**
6095 Concrete
Steelwork built into masonry walls or in contact with masonry shall be painted with 3 coats of RIW or similar approved bitumastic paint.
- Level 01**
3115 Concrete
All steelwork below ground to be encased in minimum 75mm structural grade concrete wrapped in D49 mesh.
The concrete used shall be as follows:
Mass concrete strip footings and pad foundations:
Crushing strength: 25 N/mm²
Minimum Cement Content: 280 kg/m³
Maximum Water Cement ratio: 0.55
Maximum aggregate size: 20mm
- Level 00**
0 Blockwork
Blockwork to consist of medium dense concrete blocks with a minimum compressive strength of 7N/mm² with a 1:1:6 mortars
- Level -1**
-2825 Brickwork
Mortars shall be as follows 1:3 (cement: sand) below DPC level and 1:1:6 (cement: lime: sand) above DPC level.
New brickwork shall have a minimum crushing strength of 20N/mm².
Mortars shall be as follows 1:3 (cement: sand) below DPC level and 1:1:6 (cement: lime: sand) above DPC level.
- Foundations
Foundations shall be taken to a firm bearing strata to the satisfaction of the Building Inspectors and Engineers.

C - Drawing amended - SA - 08.05.15
B - Drawing amended - AK - 02.03.15
A - Amended to latest Architect drawings - AK - 16.02.15

taylor whalley spyra
consulting civil and structural engineers
3 Dufferin Avenue, Barbican, LONDON EC1Y 8PQ
Tel (020) 7253 2626 Fax (020) 7253 2767
E-mail: tws@tws.uk.com Website: www.tws.uk.com

Contract
1 Ranulf Road
London
NW2

Title
Section B-B

Scale
1:100
Job No.
8776

Date
19.12.14
Drawing No.
07

Drawn
SA
Rev.
C