

This drawing is to be read in conjunction with all other relevant All setting out by contractor. Report all discrepancies to

bdi Structural Solutions.

Drawing Copyright of BDI Structural Solutions © Client required to comply with requirements of Party Wall Act as required by nature of work.

BDI Structural Solutions Drawing Numbering

Drawing Referencing Series Numbering: 1 = Structural Layouts C = Civil (Drainage & Highways, etc). 2 = Structural Elevations 3 = Structural Sections 4 = Site Layouts 5 = Structural Details 6 = Structural Notes

Section and Detail Notation
'Section S2 01C - S2 01C' indicates section C on drawing no. S2 01
'Detail S5 01F' indicates detail F on drawing S5 01

Where a detail is denoted as "typical", this is a general, non specific detail to inform established building methods and good practice. This type of detail can be varied onsite to account for site specific conditions.

Where a detail is denoted as "*indicative*", this is a specific detail demostrating critical project specific information. This type of detail has been determined to the best of our ability with the site specific information we have, but will require full

Setting Out

Due to the nature of working with existing buildings all levels, setting out and dimensions are to be derived onsite in accordance with the relevant architectural and structural details.

Manual Handling

Where block weights are in excess of 20kg, contractor is to either: -provide and ensure use of mechanical handling device.
-make provision for two person teams to be employed in the lifting of blocks.

Residual Risks

A designer's risk assessment (DRA) has been completed by the structural engineer and should be referred to when reading this drawing.

Masonry Notation	
Existing Assumed 15N brickwork in M4 Mortar	
100mm 7N concrete block in M6 mortar. Density to Architect's details	
100mm 15N brickwork to Architect's details in M6 mortar	
Timber stud walls to Architect's details	

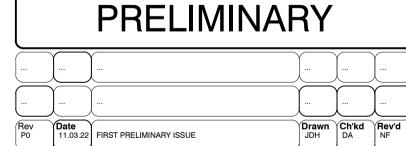
Floor Span Notation	
/ A	Denotes span of 47x150mm C24 timber floor joists at 400c/c
	(Joists to be tanalised)
ZEX	Denotes assumed span of existing timber floor joists

Roof Span Notation	
\leftarrow \rightarrow	Denotes span of 47x225mm C24 timber roof joists at 400c/c
\leftarrow \rightarrow	Denotes assumed span of existing timber roof structure

	Steel / Timber Beam Notation
Steel Reference (See key for sizes) Denotes moment connection	Н В1 Н
Steel F	leferences DO NOT represent actual section size

Moment connections are critical connections which must be fabricated and installed as detailed. The requirement for the column and connection is essential to the global stability of the structure. Under no circumstances should the column and connection be omitted.

Padstone Notation 215x100x150mm Mass Concrete 215xWOWx215mm Mass Concrete 330x100x215mm Mass Concrete





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Proposed Second Floor Layout

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