

ALL ELEMENTS ARE INDICATIVELY SET OUT.
CONTRACTOR TO DETERMINE ALL SETTING OUT
ONSITE IN CONJUNCTION WITH ARCHITECTURAL
PROPOSALS AND EXISTING STRUCTURE.
ALL LEVELS ARE ASSUMED.



PROPOSED SECOND FLOOR LAYOUT
INDICATING STRUCTURE OVER
1:50

This drawing is to be read in conjunction with all other relevant documentation.
Do not Scale
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.

NOTES

BDI Structural Solutions Drawing Numbering
Example: S1 01

S = Drawing Type 1 = Series Number 01 = Number in Series

Drawing Referencing	
Drawing Type: S = Structural C = Civil (Drainage & Highways, etc). V = Survey L = Landscaping	Series Numbering: 1 = Structural Layouts 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 demonstrating critical project specific information. This type of detail has been determined to be the best of our ability with the site specific information we have, but will require full co-ordination onsite.

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)
- - EX - - Denotes assumed span of existing timber floor joists

Roof Span Notation
1 --- Denotes span of 47x225mm C24 timber roof joists at 400c/c
- - EX - - Denotes assumed span of existing timber roof structure

Steel / Timber Beam Notation
Steel Reference (See key for sizes)
H --- B1 --- H
Denotes moment connection
Steel References 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

Ref	Size	Type
PS01	215x100x150mm	Mass Concrete
PS02	215xWOWx215mm	Mass Concrete
PS03	330x100x215mm	Mass Concrete

* WOW = Width Of Wall

PRELIMINARY

Rev	Date	Drawn	Chkd	Rev'd
PO	11.03.22	JDH	DA	NF

FIRST PRELIMINARY ISSUE

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Client: Warren Kozera

Project: Fisher House

Drawing Title: Proposed Second Floor Layout

Scale: As shown at A1
Drawn: JDH
Checked: DA
Reviewed: NF
Originated Date: 11.03.22

Drg No.: 20218866
S1 04
Status/Rev: PO