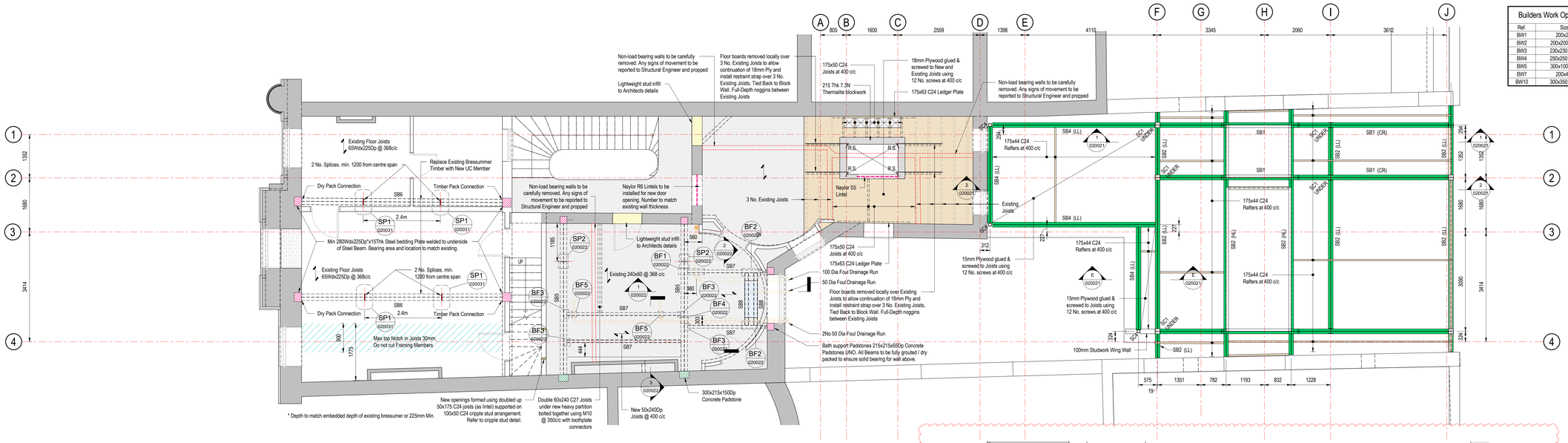
DO NOT SCALE OFF THIS DRAWING



Builders Work Opening (BWO) Schedule		
Ref.	Size	Comments
BW1	200x200	
BW2	200x200 High	Horizontal
BW3	230x230 Wide	Bottle Gully
BW4	250x250 Wide	Vertical
BW5	300x100 High	Horizontal
BW7	200x400	
BW10	300x350 Wide	Vertical

Notes:

1. General:
   a) Do not Scale from drawing, work only to dimensions shown.
   b) All setting out details / dimensions are to be provided by the Architect unless already noted on drawings.
   c) All waterproofing / tanking / insulation / finishes etc. are by others.
   d) All dimensions in millimeters unless stated otherwise
   e) This drawing to be read in conjunction with Existing / Demolition drawings LKB09_1015, 1115, 1315, 1415,1515 & 1616. Revision shown on drawings as Rev D_A.
   f) Model and Drawings are based on the fore mentioned Existing / Demolition drawings.
   g) Where assumed Structural vertical elements are shown misaligned in the Survey information, rationalised position has been used to dictate the alignment of the element.
   h) Arrangement of Structure shown is a rationalisation of the Survey information. To be confirmed on site.
2. Concrete:
   a) Concrete: conform to the requirements of BS EN1992-1:2004 and those contained in the concrete specification.
   b) Max. aggregate size 20mm
   c) Concrete to be grade RC32/40 DC2 Class unless stated otherwise.
   d) Maximum free water / cement ratio to be 0.45
3. Reinforcement:
   a) Anchorage and laps of reinforcement shall be according to BS EN1992-1-1:2004, curtailment of reinforcing bars shall be according to BS EN1992-1-1:2004
   b) Minimum lap 40 x smaller bar diameter.
   c) Minimum cover: 40mm all around.
4. Masonry:
   a) Brickwork to be 15N/mm brickwork to Architects specification.
   b) All mortar to be designation (M6).
   c) All Blockwork to be medium density 7.3N/mm2.
   d) Below ground masonry to be formed in Class B engineering brick.
   e) All standard cavity wall ties are to be 'Ancon ST1' stainless steel ties at 900c/c horiz & 450c/c vert. unless stated otherwise.150mm from all openings, corners, movement joints and reveals ties to be 225c/c vert. Minimum tie embedment to be 50mm into masonry leaf.
   f) Movement joints to be provided at max 12m c/c in facing brickwork using Aerofil refer to Architects Drawings for setting out.
   g) Provide stainless steel bed joint reinforcement, "Bricktor" by BRC, at 225 and 450mm vertical centres above external doors and also above and below windows. Bed joint reinforcement to extent 500mm minimum past door / window line.
   h) All Lintels to have Min. 150mm end bearing.
5. Steel:
   a) All steel sections are to be grade S355 to BS EN1993-1-1:2005
   b) Fire protection of structural steelwork is to Architects specification.
   c) Corrosion protection to all steel sections to be achieved by surface preparation in accordance with BS EN 8501-1 and minimum coating film thicknesses in accordance with BS EN 12944-5 for the following environments.
      Internal Steelwork –environment category C1
   d) All externally exposed Steelwork to be Galvanised
6. Timber:
   a) All timber to be Grade C24 Unless Noted otherwise
   b) Full depth noggings at bearings and midspan. Bearing noggings can be removed where max-speedy joist hangers are used.

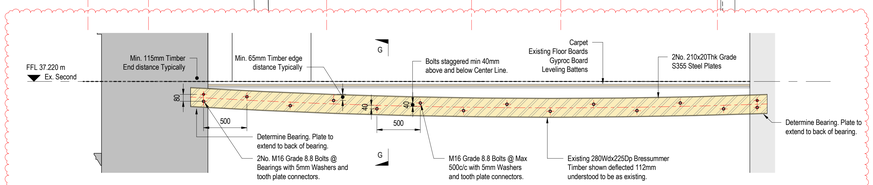
Key:

Denotes Assumed Span Direction of Existing Floor Joists. Sizes, where shown, have been taken from Architects Opening-Up Works Drawings LKB09_0200 to LKB09_0233 To be Confirmed on Site.

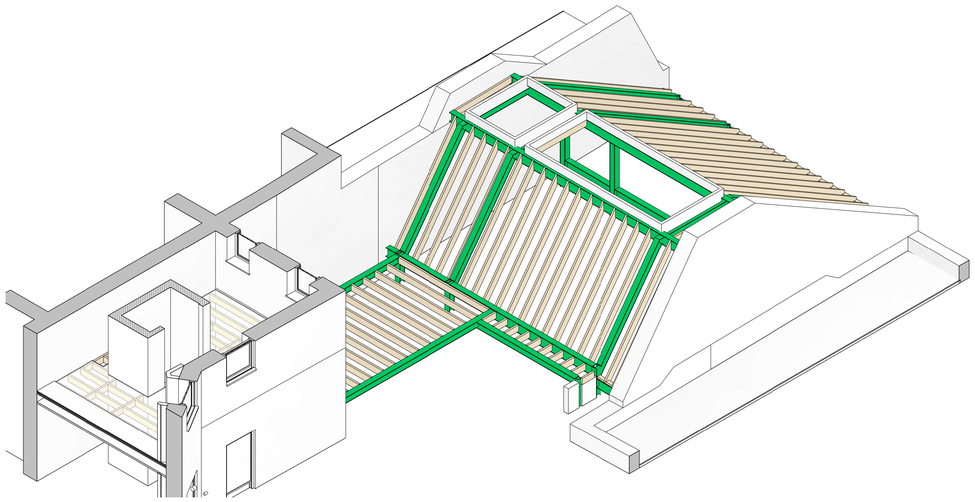
Denotes Assumed Non-Load Bearing Existing Walls indicated on Architectural Drawings to be Demolished.

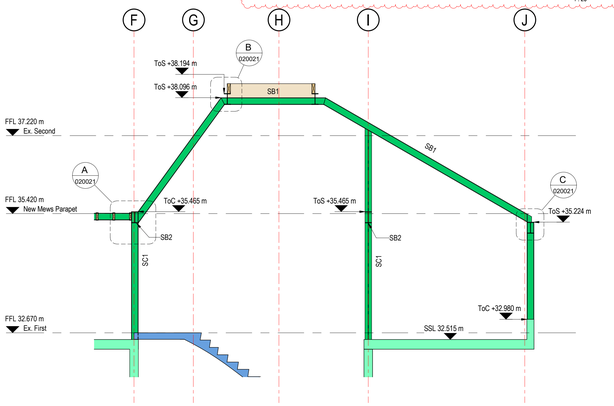
Cross Hatch Denotes RC elements to be cast in waterproof concrete. ALL Pile Caps and Capping Beams to be cast in waterproof concrete. Elements tagged / labelled with a (WP) suffix are to be cast in waterproof concrete.

TD1 Denotes Tie Details. Refer to Isolation Details on Drawing 022021.

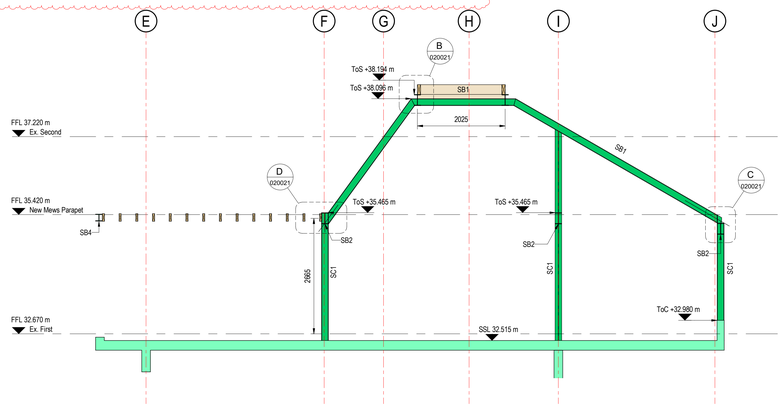


Alternative Bressummer Strengthening - SA
1 : 25

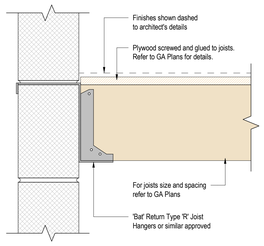




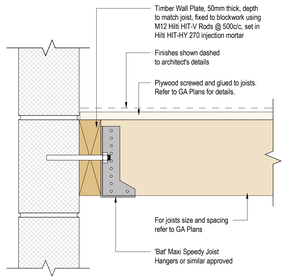
Roof Framing Section 1 - 1
1 : 50



Roof Framing Section 2 - 2
1 : 50

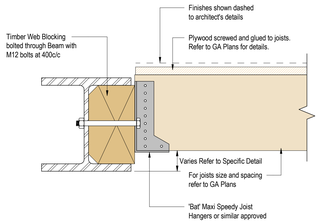


Typical Joist Support at New Blockwork Wall



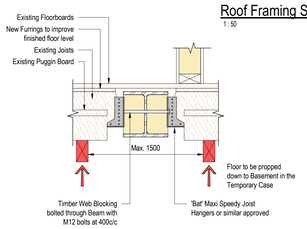
Typical Joist Support at Existing Blockwork / Masonry Wall

Detail may be mirrored about steel beam where where joist support both sides of beam is desired. Bolt through both web blocks and beam at such locations.

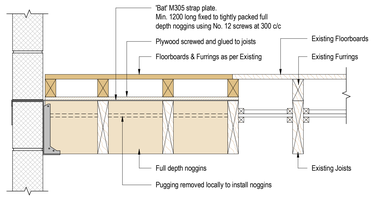


Typical Joist Support at Steel Beam

Typical Timber Details
1 : 5



Second Floor - Bressummer Replacement Detail
1 : 10



Typical Restraint Strap Detail at Lift
1 : 10

RC Pile Cap Schedule (PC)	
Ref.	Type
PC2	500mm Deep Pile Cap 2 No. 450mm Ø Piles

RC Wall Schedule (W)	
Ref.	Type
W150	150 RC Wall
W200	200 RC Wall
W300	300 RC Wall (WP)
WL1	RC Liner Wall (WP)

ALL Pile Caps and Capping Beams to be cast in waterproof concrete. Elements tagged / labelled with a (WP) suffix are to be cast in waterproof concrete.

Steel Column Schedule (SC)	
Ref.	Member
SC1	UC152x152x37
SC2	UC203x203x86
SC3	UKC305x305x118
SC4	SHS 100x100x10

Steel Beam Schedule (SB)	
Ref.	Member
SB1	UC152x152x37
SB2	UKB254x146x43
SB3	UKC305x305x118
SB4	UKC152x152x37
SB5	UKC203x203x60
SB6	UKC203x203x46
SB7	UKPFC200x90x30
SB8	RHS 120x80x10

HL Denotes beam at Higher Level
LL Denotes beam at Lower Level
CR Denotes cranked beam

RC Ground Beam Schedule (GB)	
Ref.	Size
GB1	500x450 Deep

RC Upstand Schedule (U)	
Ref.	Type
U100	100 Wide RC Upstand
U140	140 Wide RC Upstand
U150	150 Wide RC Upstand
U165	165 Wide RC Upstand
U200	200 Wide RC Upstand

RC Column Schedule (C)	
Ref.	Size
C1	200x200
C2	200x400
C3	250x950
C5	200x750
C6	250x400
C7	200x950
C8	175x475
C9	250x500

RC Beam Schedule (B)	
Ref.	Size
B1	250/175x800 Deep
B2	250/237.5"x800 Deep
B3	200x600 Deep
B4	685x375 Deep

Note: (*) Beam Tapers one side only - the other face flat

Rev	Date	Revision History	Dwg.	Chkd	Appr.
C04	04.05.21	Alternative Bressummer Strengthening	CS	BM	CS
C03	14.05.21	Stage 4 Issue: Bathroom Steel Revised Connections	CS	BM	CS
C02	05.05.21	Stage 4 Issue: Bathroom Steel Adjusted for MEP	CS	BM	CS
C01	19.03.21	Stage 4 Issue: Revisions as Clouded	CS	BM	CS
P09	01.03.21	Stage 4 Issue: Revisions as Clouded	CS	BM	CS
P08	16.02.21	Stage 4 Issue: Revisions as Clouded	CS	BM	CS
P07	07.10.20	Tender Issue	CS	BM	CS
P06	05.03.20	Tender Addendum Issue	CS	BM	CS
P05	06.08.19	Tender Issue	CS	BM	CS
P04	17.05.19	Preliminary Issue	CS	BM	CS
03	23.11.18	Tender Issue	CS	BM	CS
02	09.11.18	Preliminary Issue Following Geo Input	CS	BM	CS
01	13.08.18	Preliminary Issue	CS	BM	CS

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Drawing Title

No. 3 Fitzroy Square
Second Floor General Arrangement Plan

	Name	Signature	Date
Designed by	CS	CS	04.05.21
Drawn by	DR	DR	04.05.21
Checked by	CS	CS	04.05.21
Approved by	CS	CS	04.05.21

Internal Reference	0049- 001
Scale & Format: 1:50 @ A0	Filename: FSQ-SHK-ZZ-02-DR-S-020021
Suitability	D2
First Issue Date	15.08.2018
Proposed Status	FOR CONSTRUCTION

Project	Originator	Area	Level	Type	Role	Number	Revision
FSQ	SHK	ZZ	02	DR	S	020021	C04

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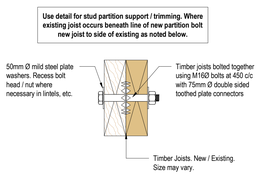
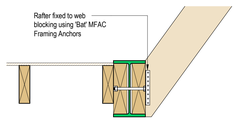
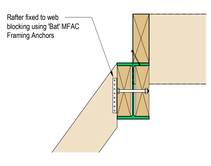


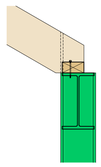
Existing Joist Strengthening Detail
1 : 5



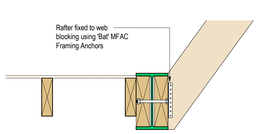
Roof Framing Detail A
1 : 10



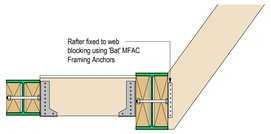
Roof Framing Detail B
1 : 10



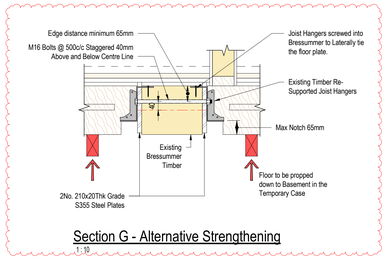
Roof Framing Detail C
1 : 10



Roof Framing Detail D
1 : 10



Roof Framing Section E - E
1 : 10



Section G - Alternative Strengthening
1 : 10