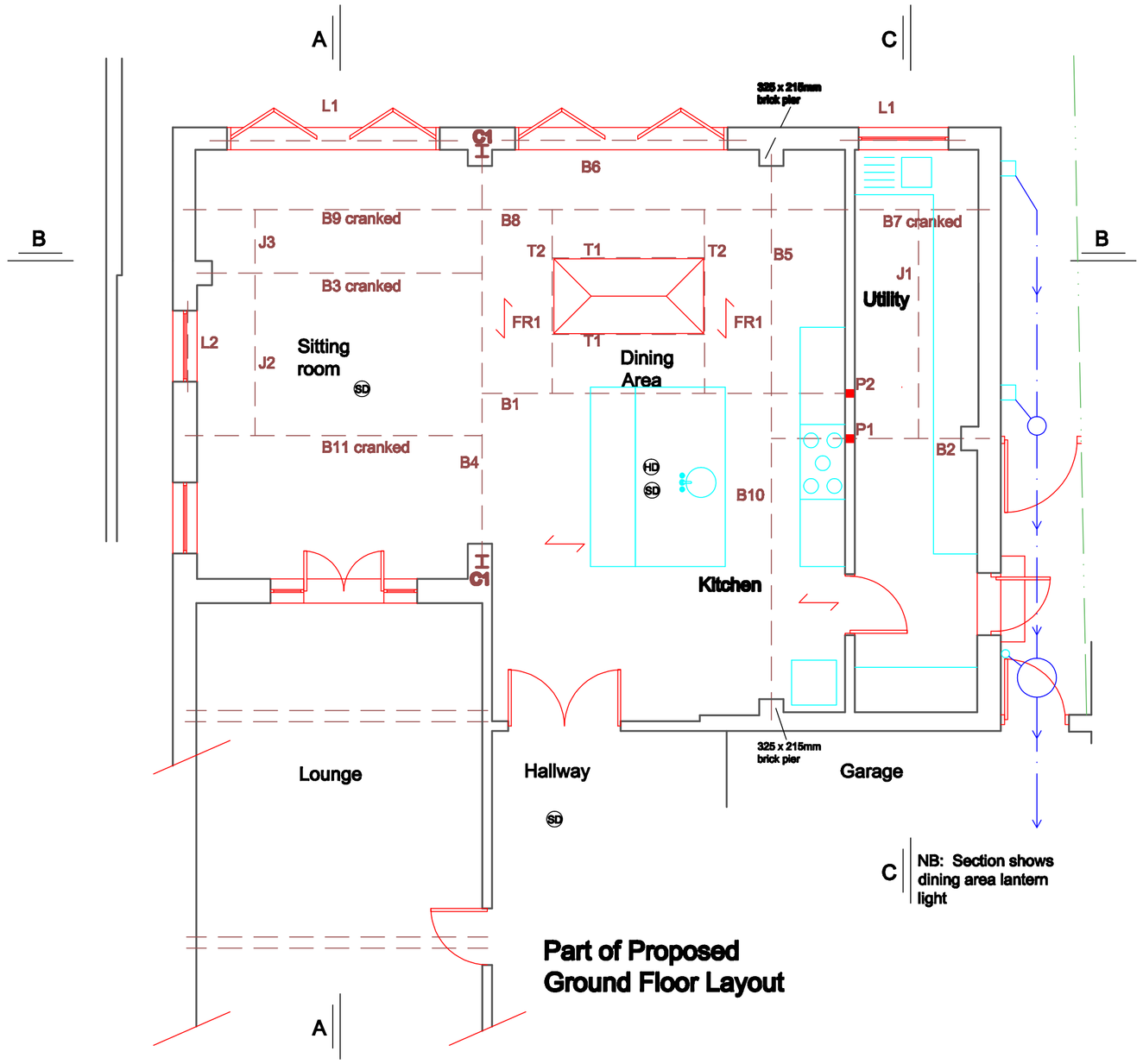
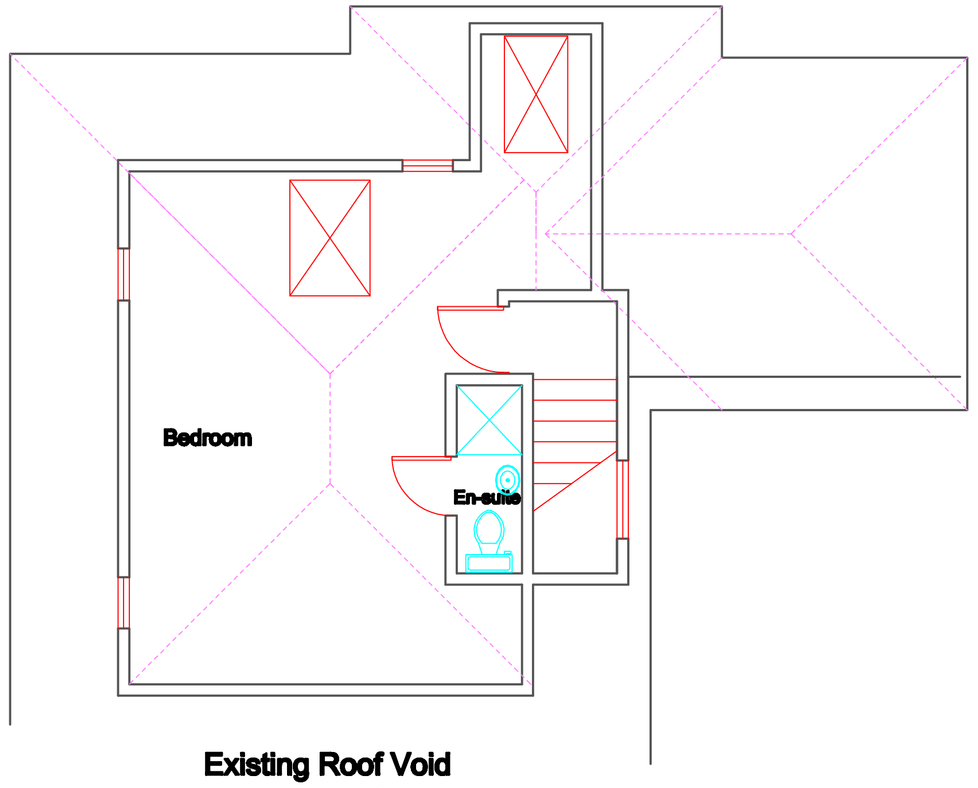
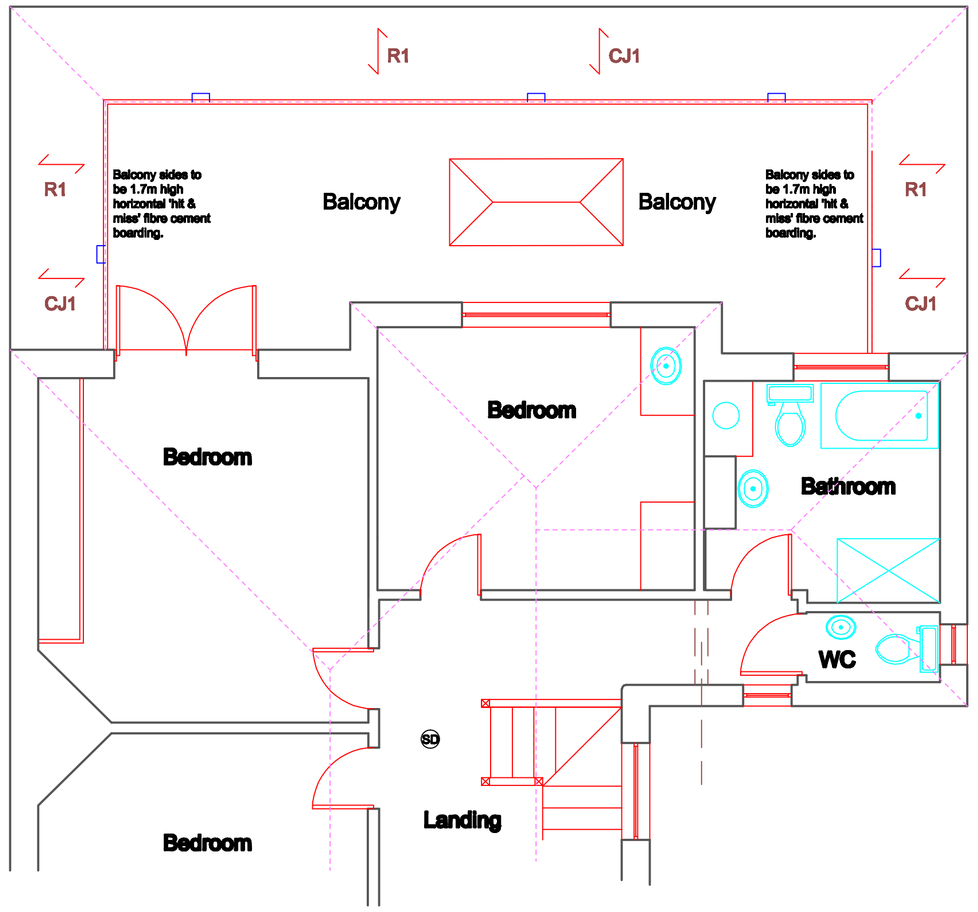


Part of Proposed Ground Floor Layout



Existing Roof Void Accommodation. Will not alter.



Part of Proposed First Floor Layout

0 0.5 1.0 2.0 3.0

Scale Bar

N

BUILDING REGULATION NOTES

Structural engineer's details - all to be as per BLB Engineer's plan No. e19110-001 & calculations, etc.

B1: 203 x 203mm x 71kg UC, to have 4 No. M16 end plate connections, use M16 bolts. Beam to have 10mm top plate.

B2: 152 x 152mm x 23kg UC with 10mm thick, fully welded top flange plate. Beam to have 4 No. M16, min. 12mm thick bolt connection to SHS & 100mm engineering brick padstone.

B3: 152 x 89mm x 16kg UB with 10mm thick end plate connection, 4 No. M16 bolted to beam B4 & engineering brick padstone.

B4: 254 x 254mm x 89kg UC with 12mm cap plates 4 No. M16 bolted to top & bottom of C1.

B5: 127 x 76mm x 13kg UB with 150mm end bearings on 215 x 215 x 150mm deep padstones & new brick pier. Bottom to be bolted to B1, 10mm end plate using 2 No. M12 bolts.

B6: Standard heavy duty Catnic CG lintel with 150mm end bearings.

B7: 127 x 76mm x 13kg UB with 100mm bearings onto engineering brick padstone & bolted to B5 end plate.

B8: 127 x 76mm x 13kg UB with bolted end plate connections to B4 & B5. 2 No. M12 bolts/connections.

B9: 152 x 89mm x 16kg UB with bolted connection to B4, bearing on engineering brick padstone.

B10: 203 x 203mm x 46kg UC top with 10mm end plate connection (4 No. M16 bolts) bottom with 150mm bearing on 215 x 215 x 150mm padstones, new pier, etc.

B11: 127 x 76mm x 13kg UB with 100mm engineering brick bearing & 2 No. M12 bolted end plate connections to B4.

P1: 90 x 90mm x 8 SHS.
P2: 100 x 100mm x 10 SHS.

C1: 152 x 152mm x 23kg UC.

T1: 2 No. 147 x 47mm C24 timbers well spiked together.
T2: 3 No. 147 x 47mm C24 timbers M16 bolted together at 450mm centres.

FRJ: 147 x 47mm C24 timbers at 400mm centres.
CJ1: 147 x 47mm C24 timbers M10 bolted every rafter.

R1. 97 x 47mm C24 timbers at 400mm centres.

L1. All to be Catnic CG type steel lintels with minimum 152mm end bearings.
L2. 2No. 97 x 47mm C24 timbers, as relieving lintel.
L3. 1No. Naylor R6 100 x 140mm deep pre-stressed concrete beam, with 150mm end bearing.

J1. 3 No. 170 x 47mm C24 timbers, M12 bolted together.
J2 & J3. 2 No. 170 x 47mm C24 timbers, spiked together.

F1 & FR1: Joists to be 147 x 50mm C24 timbers at 400mm centres.

All posts & columns are to have 12mm thick cap & base plates, each with 4 No. M16 (8.8) bolts to new mass concrete foundations. All brick piers are to 20N/mm.sq. engineering brickwork, incorporating horizontal dpc, lapping existing 150mm above ground level.

External wall foundations to be min. 450mm wide GEN3 trench fill concrete. Post & column foundations are to be min. 550mm thick GEN3 trench fill concrete.

	Date	Revisions
A	20.12.18	Ground floor re-draw
B	05.03.19	Structural notes added
C	10.07.19	Building Regulation details added
D	05.08.19	Minor amendments
E	12.08.19	Balcony added
F	27.08.19	Balcony hand rail up-dated
G	07.10.19	Structural details clarified.
H	04.11.19	Side balcony construction clarified.

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Client
Mr & Mrs Morten

Job Title
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Littlehampton
West Sussex
BN17 6BJ

Drawing Title
Part of Proposed Floor Plans.

NOTE:
All dimensions must be checked on site and not scaled from this drawing

Scale 1:50

Date 12.11.18 | Drawn by K.L.Carter

Drg No.	In conjunction with:-	Rev.
2018/22/2		H

ARUN DISTRICT COUNCIL LU/290/19/HH