NOTES: This scheme is based on limited opening up works of the existing structure. All assumptions subject to confirmation during next stage

Proposed Beam Schedule			
Ref.	Serial Size		
B1	203x133x25 UKB		
B2	356x171x45 UKB		
B3	457x191x74 UKB		
B4	533x210x92 UKB		
B5	203x203x46 UKC		
B6	254x254x89 UKC		
B7	305x305x118 UKC		
B8	356x368x177 UKC		
B9	356x406x467 UKC		
B10	152x152x30 UKC		
B11	200x90x30 PFC		

Proposed Column Schedule Ref. Serial Size 254x254x107 UKC C1 C2 203x203x86 UKC C3 203x203x46 UKC C4 152x152x30 UKC

Key:

ZZZ Indicates new brickwork to Architect's specification with class (iii) mortar. Brickwork with F2 designation to be used below DPC

Rosslyn Hill

Engineering bricks or F2 designation blockwork to be used below DPC

--- Indicates line of structure under

...... Indicates existing structure to be demolished

★ Indicates junction between new and old masonry walls use Ancon Staifix Universal wall starter kit

Indicates lintels over openings to be raised. Allow for precast builders work lintels internally and reforming arches on exterior elevations

 $\ensuremath{\mathsf{T}}$ Indicates new opening. Precast concrete lintels and exterior detailing to Architect's specification

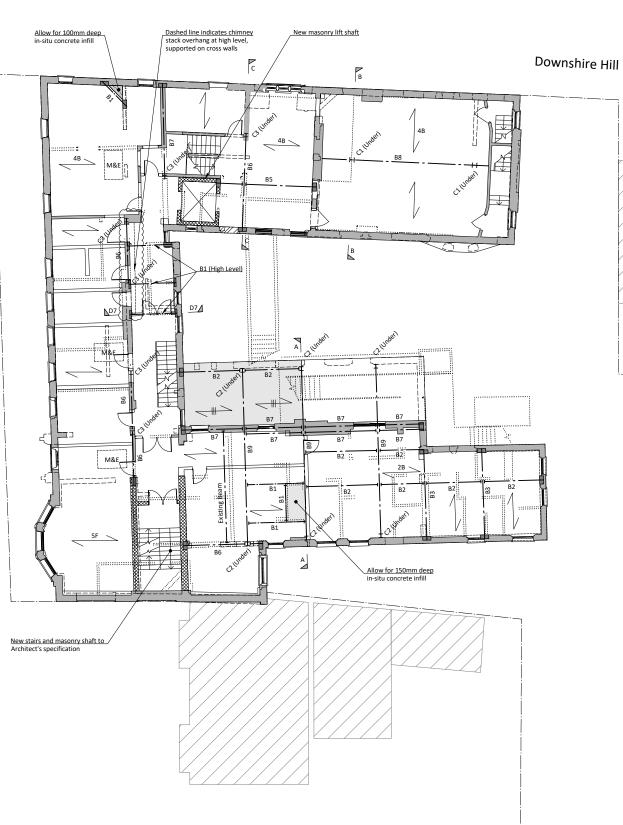
 Indicates assumed span of existing floor.
Number/letter reference where build-up has been confirmed, see dwg. 500

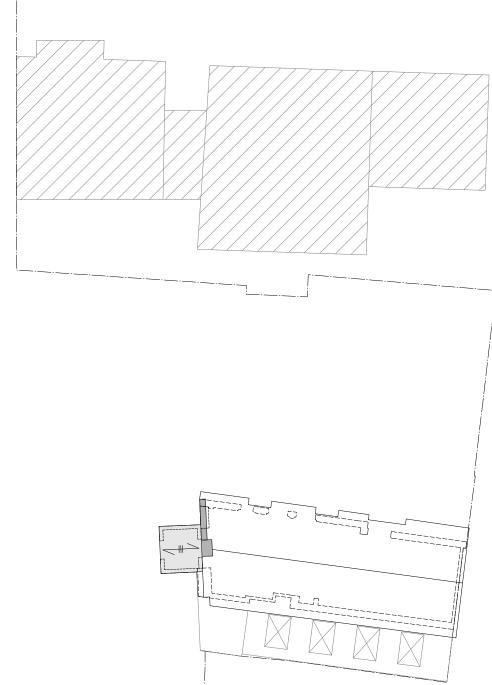
Typically, joists are at 650mm centres, with 100mm deep clay pot and clinker concrete infill and topping

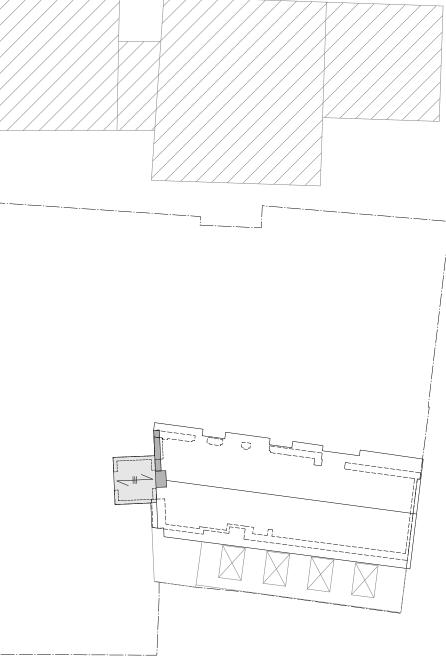
Indicates new flat roof formed from 200x50mm C24 timber joists at 400mm centres with 18mm ply over

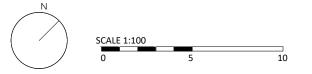
Unless noted otherwise, allow for 450x215x215mm deep mass concrete padstones under all beams

Allow for new steelwork at high level to support M&E mechanical plant. Allow 200kg. Make allowance for openings for air ducts including lintels









Α1

Stage 3 Drawing



-90 Paul Street, London, E--44 (0) 207 247 3811 E info

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Rev	Date	Description	Drawn	Checked
P1	06.08.18	For Comment	RS	CG
P2	29.10.18	For Comment	RS	CG
P3	07.03.19	For Comment	ES	CG
P4	05.04.19	Updated	ES	CG

ΡR	ELI	MINARY
NOT	FOR	CONSTRUCTION

First Floor Structural Engineering Plan Abacus Belsize Primary School, NW3

ESFA

Job No. 4343

Drawing N 102

Revisio P4

1:100 at A1