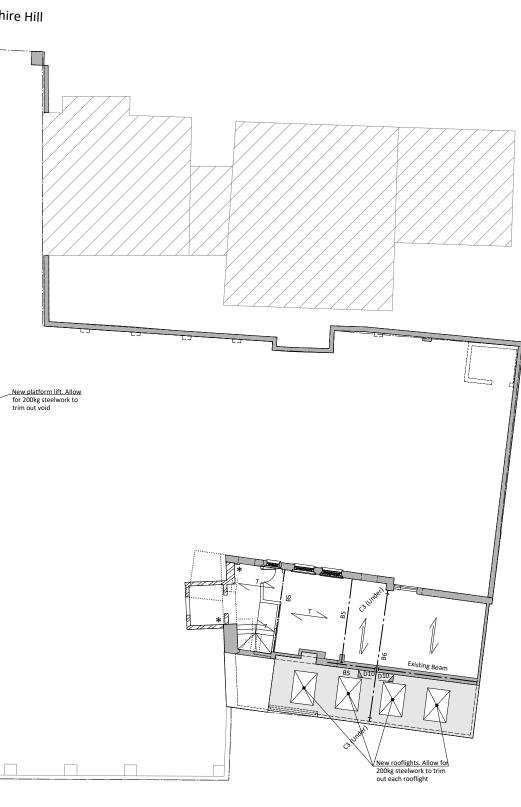
Allow for new ramp structure. Refer to dwg. 501 Allow for 100mm deep Reconfigured footway New masonry lift shaft in-situ concrete infill Downshire Hill В X XII /// 64 B8 M&I \land Œ 3F 🥿 D4 Ó £..... 3F * < В É Allow for roof canopy. Refer to dwg. 502 D5 i _ ; ----D5 Rosslyn Hill M&E <<u>+</u> DG ND9 D9/ :5 <.... R2 <u>.</u> 83.6 F ...B2. Engineering bricks or F2 designation blockwork to be used below DPC D6 8 1 88 в2 В2 ΠÞ B2 B2 Indicates existing structure to be demolished. Where • existing walls are being demolished, foundations are to be retained to provide support to new floor structure / D12 D12 3B 🔨 11 M&E Allow for new entrance steps in precast concrete Г V # Indicates lintels over openings to be raised. Allow for precast builders work lintels internally and reforming arches on exterior elevations кШ A Allow for 150mm deep in-situ concrete infill. Refer to Detail D12 $\ensuremath{^{+}}$ Indicates new opening. Precast concrete lintels and exterior detailing to Architect's specification Allow for new stairs to Architect's specification Indicates assumed span of existing floor. Number/letter reference where build-up has been confirmed, see dwg. 500 VIIIIX **K**\$



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 |
| C1 | 254x254x107 UKC |
| C2 | 203x203x86 UKC |
| C3 | 203x203x46 UKC |
| C4 | 152x152x30 UKC |

| Ke | v | |
|----|---|--|
| | | |

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

——— Indicates line of structure under

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

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

Indicates existing beam and block floor

Indicates new 150mm deep concrete floor on metal deck

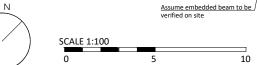
T Indicates new 200x50mm C24 timber joists at 400mm centres

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

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







10 New stairs and masonry shaft to Architect's specification



Α1

Stage 3 Drawing



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dimensions to be verified or imencing work. All error and orted to the Engineer. This of onjunction with all relevant (wings and specifications

| rawing Histo | |
|--------------|--|

| Rev | Date | Description | Draw | n 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 |
| P5 | 01.05.19 | Updated | ES | CG |

| ΡR | ELI | MINARY |
|-----|-----|--------------|
| NOT | FOR | CONSTRUCTION |

Ground Floor Structural Engineering Plan Abacus Belsize Primary School, NW3

ESFA

Job No. 4343

Drawing N 101

Revisio P4