

NOTES:

Steel Columns (Below):

C1 - Twin 152x152x37UC
C2 - 152x152x30UC
C3 - 200x100x8 RHS column S355, hot-dip galvanised
C4 - 150x100x8RHS S355 column
WP - 100x100x8SHS windpost, hot dip galvanised

Steel Beams:

B1.1 - Top Box Frame Beam - twin 203x203x86 UC beam, (within upper ground floor zone). Full moment connection splice or full weld at 1/3 length (Ref DET_13). Moment connections required for all beam to column junctions (Ref DET_14).
B1.2 - Top Box Frame Beam - 203x203x60 UC beam, (within upper ground floor zone)
B1.3 - 300x100x46 PFC with 8mm plate welded to bottom flange and balustrade stubs (refer to DET_11). Hot-dip galvanised
B1.4 - 150x75x19 PFC
B1.5 - Allow for 203x133x30 UB in location of existing wall (TBC following opening on site)
B1.6 - 150x90x24 PFC
B1.7 - 150x90x24 PFC to trim the new stair

All steel beams and columns to be grade S275 UNO, Hollow sections to be grade S355.

Timber Joists

T1 - 50x170 at 400mm c/c grade C24
T2 - 50x170 at 400mm c/c grade C24
Tex - assumed span direction of existing first floor joists, to be retained, TBC on site after strip out. Allow for replacing if necessary




Mass concrete Padstones

P1 - 330mm L x 100mm W x 140mm D

New walls (below):

RC wall - 250mm thick RC wall to form the deeper lightwell
W1 - new 300mm thick brick/block insulated cavity wall
W2 - new 140mm thick lining wall with insulation behind, refer DET_02.

KEY:

 - existing masonry wall to be demolished
 - new masonry wall
 - new non-loadbearing partitions, to Architect's details (shown indicatively)

Wall to be demolished and rebuilt without pier, in cavity wall construction tied into wall W1, on new footing F1, with 100x100x8SHS windpost

Subject to party wall agreement - existing wall to be removed in location of proposed extension, and new wall W1 to be built on boundary line on new footing F1

Walk-on Skylights:
- glazing, anti-slip treatment and waterproofing detailed and specified by the Architect, with a 150mm high curb, concealed in the thickness of the roof structure around the perimeter of the skylight.
- Glass design and specification by Specialist Glazing Subcontractor (imposed design load 1.5kN/m2)

Opening in floor for new stair. New timber stair to Architect's details

Precast concrete lintels over new door opening (high level LGF), 100mm Wide x215mm Deep, number to match wall width

Note: Existing upper ground floor assumed to be of timber construction. Opening up will be required to confirm this before proceeding with the works.

S3 - New entrance slab to be two way spanning 175mm thick RC slab with A393 mesh top and bottom. Entrance steps formed in RC (TBC)

- NOTES:
- DO NOT SCALE FROM THIS DRAWING.
 - ALL DIMENSIONS ARE IN MILLIMETERS UNO.
 - ALL LEVELS ARE IN METRES U.N.O.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
 - ALL TEMPORARY WORKS / WATERPROOFING / INSULATION AND FINISHES ARE TO BE DESIGNED, DETAILED AND SPECIFIED BY OTHERS.
 - THE CONTRACTOR IS TO BE RESPONSIBLE FOR ALL DIMENSIONS AND THE CORRECT SETTING OUT OF THE WORKS ON SITE. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER AND ARCHITECT IMMEDIATELY PRIOR TO ANY CONSTRUCTION.

C1	10/02/23	VT	Construction Issue
REV.	DATE	BY	DESCRIPTION

PROJECT:
5a Greville Place
London NW6 5JP

DRAWING TITLE:
Lower Ground Floor Showing
Structure Over

STATUS: CONSTRUCTION

DRAWN BY: VT

CHECKED BY:

DATE: SEPT 2022

SCALE@A3: NTS

PROJECT NO.

DRAWING NO: 210513_S_100

REV. C1

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