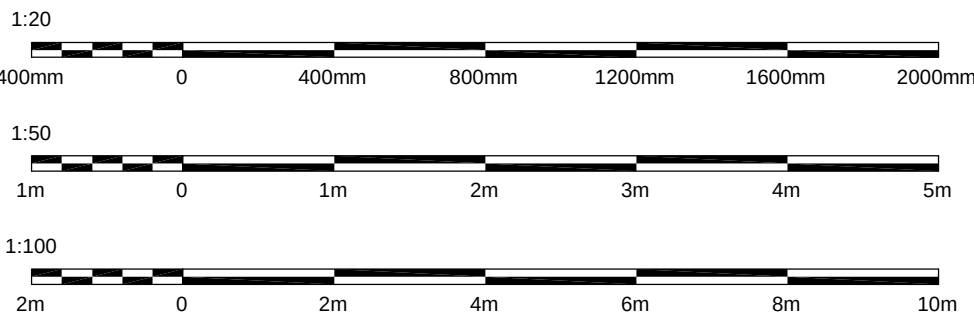




New internal doors to have 10mm air gap to underside.

Boundary

500mm

New RWG

Bedroom

Bedroom

NEW LIVING AREA

Beam 1
UB 203x133x30 kg/m, S355.

440x100x215mm deep concrete padstone C40.

Masonry column 1

440x215x215mm deep concrete padstone C40.

Lintel CG150/100

650

215

up

NEW DINING AREA

BCO amends
Existing lintel to be exposed and checked for accepting new loading.

BCO amends

HD

Beam 2
UB 203x133x30 kg/m, S355.

440x215x215mm deep concrete padstone C40.

Masonry column 2

440x215x215mm deep concrete padstone C40.

Lintel CG150/100

650

215

up

NEW KITCHEN AREA

New extr.

Hall

SD

440x100x215mm deep concrete padstone C40.

NEW STUDY

Bathroom

NEW BEDROOM

RWG

RWG

SVP

New RWG

BCO amends

Fire escape window to have min. 450mm, height x 450mm, width opening position fully and at least 0.33m² operable area. Bottom of window to be at max. 1100mm from floor level. The key for any lockable windows or security grilles is kept close to the escape window where it can be easily located.

Boundary

Boundary

Dormer in Code 5 lead

Class A underlay

18mm Maggily magnesium oxy sulphate (A1 Non Combustible) high density fireproof boards finished with primer

Firrings

Code 5 lead flashing at the joint between flat roof and pitched roof with min. 250mm cover over the slates. Lead to have patination oil.

TYVEK™ breathable membrane

Rafters as per eng. specs.

3 layers of 100mm each quilt insulation and cross laid

Flat roof joists as per eng. specs.

Ceiling joists as per eng. specs.

dpc

F.L.

G.L.

dpm

100mm diameter ducting pipe

±0.00

-0.29

Any existing suspended ground floor ventilation blocked by new ground floor structure to be extended by ducting 100mm diameter pipes through new solid floor.

PROPOSED SECTION

scale 1:50

150mm cavity with 100mm EcoTherm
Eco-Cavity Board insulation (partial fill cavity
insulation), min. 50mm clear cavity between
insulation and outer leaf to be maintained

100mm blockwork inner leaf
(use AIRCRETE BLOCKS)

12.5mm vapour check plasterboard
(on dabs) and skim finish

75mm screed finishes on 500
gauge vasqueen on insulation

Two layers of 100mm each Celotex GA4000 insulation

150mm ground bearing re-inforced
concrete slab. Use A933 mesh at top
with min. 20mm cover.

Sand blinding and min. 150mm
clean compacted hardcore

1200 gauge dpm

C25 (grade of concrete) trench
fill 600x1000mm deep

103mm brickwork outer leaf

dpc

F.L.

G.L.

Below ground level both
leaves to be built in
Trench-blocks or class 'b'
engineering brickwork

Foundation to bear on natural stiff
clay with bearing capacity 100 KN/m²

600

Foundation depth and type depends on existing ground conditions and must be specified prior to works commencing on site.

CLIENT TO CONFIRM TO BE WITHIN 25 METERS OF PROPOSED TRENCH TO DETERMINE RECOMMENDED REQUIREMENTS TAKEN FROM

CLIENT TO CONFIRM TREE SPECIES FOR ALL TREES WITHIN 25 METERS OF PROPOSED WORKS TO DETERMINE RECOMMENDED DEPTH OF FOUNDATION REQUIREMENTS TAKEN FROM NHBC TREE TABLES.

[illegible]