



Approved Document K
 The new staircase will have 220mm maximum risers, and 220mm minimum going (ensure stair pitch does not exceed 42°). Nosing overhang will be 25mm.
 A minimum headroom of 2000mm over stair pitch line and landings will be maintained.
 New timber staircase to be bespoke specialist item with structural stringing as necessary by stair manufacturer. Stair nosing to be fixed to string above the pitch line. Ensure a maximum 100mm gap between vertical balustrade rails.

Ground Floor Construction
 Remove paving and vegetable soil to area of proposed extension. Treat excavation with strong herbicide.
 50mm sand blinding to be well worked into top of excavation.
 1200 c/c up polythene DPM to be laid over blinding, dressed up walls and tucked and sealed under new and existing wall DPC's. All joints in DPM to be lapped 150mm minimum and sealed using Visqueen or similar approved double sided tape.
 70mm Kingspan K3 floorboard insulation to be laid break bonded over concrete slab with joints lightly butted. A thin strip of insulation board to be placed vertically around the floor perimeter, separating the insulation from the existing concrete. A separating layer of building paper to BS1521:1972.
 75mm sand cement screed.
 Floor construction achieves a 'U' value of 0.18 W/m²K.

CONCRETE MIX TO BE C35. COVER TO REINFORCEMENT TO BE MINIMUM WALL CARRIED OUT IN MAXIMUM 1.0M LENGTHS AS DRAWING.
 EXCAVATIONS FOR BASE AND STEM ABOVE TO BE IN MAX 1.0 LENGTHS AND TO SUGGESTED SEQUENCE ON DRAWINGS

New mass concrete foundation excavated and cast in place. Reinforcing with 3-120 dowel bars 300mm into each section.

Granular backfill
 Specialist tanking
 RW Eggerete tanking system installed to RW details
 50mm Kingspan K18 insulation
 T20 dowel bars @ 600mm c/c
 1 layer B785 fabric earth face (main bars ↓)
 T10 L-Bars @ 100c/c (900 legs)

Lead drain taken under retaining walls and connected back into existing drainage run
 1 layer A142 fabric top
 1 layer B785 fabric bottom main bars (←)

Facing brickwork or similar to clients choice
 1 layer B785 fabric (main bars ↓)
 T10 L-bars @ 100c/c 900 legs
 75% weep holes @ 900 c/c
 1 layer A142 fabric top

Ensure minimum 150mm from ground level to underside of DPC.
 T10 L-bars @ 150c/c 600 legs
 2 - T10 bars
 1 layer B785 fabric bottom (main bars →)
 Cover to reinforcement to be 40mm concrete, mix to be C35.

Client: Mr L G Silver
 Project Title: 45 Lancaster Grove Camden Town London NW3
 Drawing Title: Proposed Section B-B
 Date: 14.11.2011
 Scale: 1:20 @ A1
 Dwg.No.: LG.03.02
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