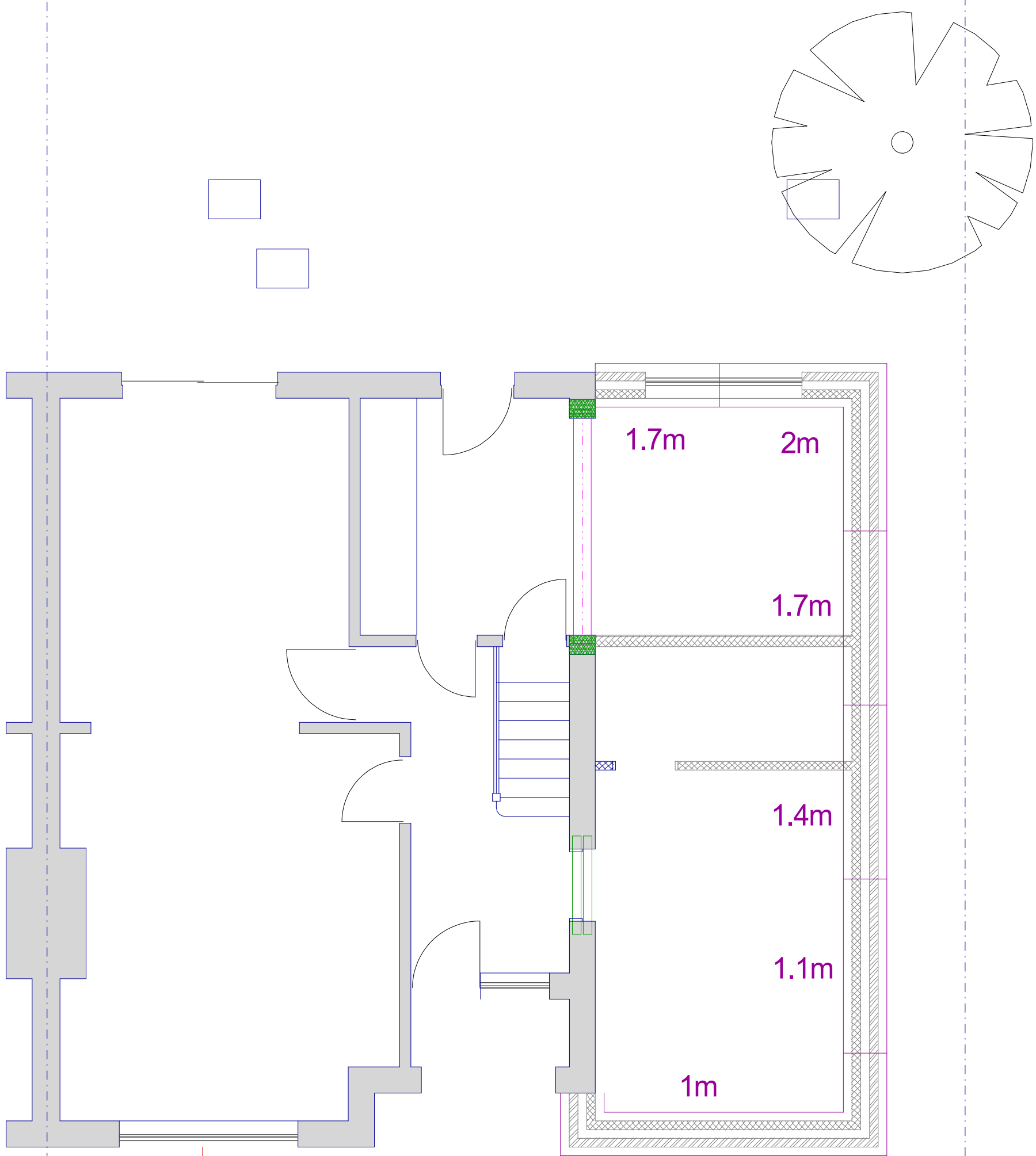
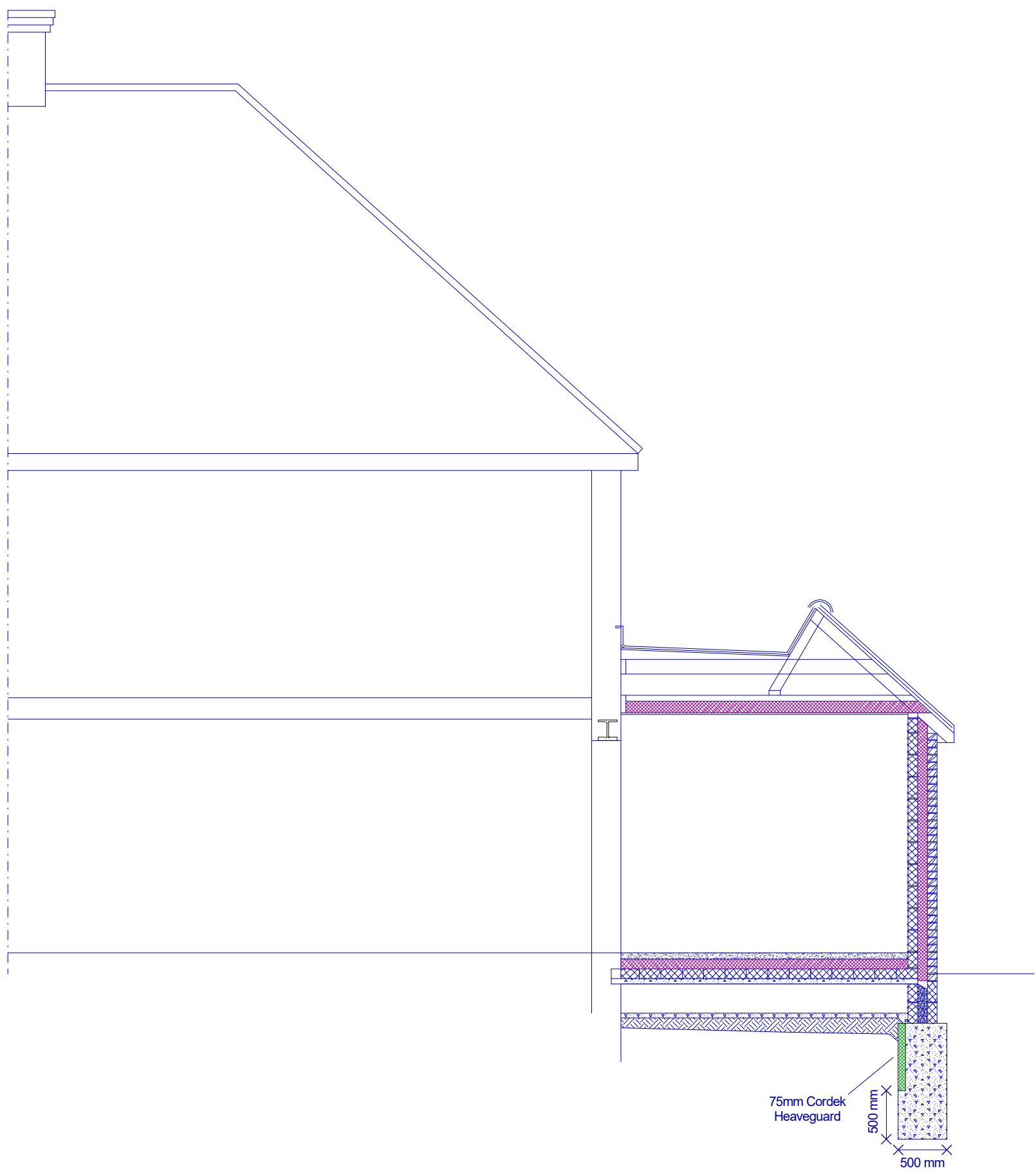




PROPOSED FOUNDATION PLAN



PITCHED ROOF
Concrete plain roof tile to 42 degree pitch, on 38 x 25mm treated roofing battens on Tyvek or similar breathable membrane
Roof ventilated using continuous 25mm soffit ventilator strip and 10mm abutment ventilator beneath lead flashing at top of flat roof.
Rafters to be min 150 x 50mm C24 grade treated timbers ay 400mm centres.

FLAT ROOF
3 layer built up felt roofing in patially bonded vapour control layer, (or inaccordance with felt manuacturers recommendation) on 18mm WPB plywood deck on 150 x 50mm C24 grade glat roof joists at 400mm centres

CEILING
formed using 200 x 50mm C24 grade timbers at 400mm centres, roof void insulated using min 150mm Kingspan K7 between joists.

RAINWATER
100mm half round gutters and 68mm downpipe connected to soakaway as described on proposed plan

WALLS
105mm brick external leaf, 100mm cavity wall fully filled with Rockwool, and 100mm Celcon Standard inner leaf.
Walls tied together with stainless steel wall ties at 5 per m2, walls finished internally with a Bond and set plaster finish
DPC to be min 150mm above finished ground level, and linked to new and existing DPCs/DPM
Lean mix cavity fill to 150mm from DPC and 225mm below Ground Level

STUD PARTITIONS
min 70mm studs, void filled with IsoWool 1200 sounddeadening and clad with fireline plasterboard and skim

GROUND FLOOR
65mm sand cement screed on 100mm Kinspan concrete floor slab on 100mm Kingspan Thermafloor TF70 insulation on 1000g polythene DPM tied to new and existing DPCs on 50mm sand blinding on Beam and Blocksuspended floor to specialist design. A clear void of 300mm to be provided beneath floor.

WINDOWS/DOORS
Double glazed Low E glass with Argon fill framed to be UPVC to matgch existing.
Min openable area to be 1/20th of the room the window opens into.
Backround ventilation to be equivilant to 10,000mm2
Window to front of bedroom to be appropriatley sized for means of escape

FOUNDATIONS
Existing mass fill foundations approx 500mm wide and to depth indicated on the foundation plan
75mm Cordek Heaveguard anti have protection to 500mm from bottom of foundation as shown in section drawing.

DRAINAGE/WASTES
100mm diameter UPVC drains below ground drainage, 38mm sink, and associated deep seal traps

MECHANICAL VENTILATION
Kitchen 30l/s extract over cooker ducted to external
Groundfloor Shower 15l/s Humidistat extract ducted to external

SMOKE AND HEAT DETECTION
Mains powered interlinked smoke detectors to be placed on ceilings of circulation space and heat detector in kitchen

STEELWORK
New steel beam that support any walls or floors are to be provided with minimum of half hour fire protection by encasing in two layers of 12.5mm plasterboard, with staggered joints and skim plaster finish

ELECTRICAL WORKS
All electrical works to be undertaken and certified by qualified electrician in accordance with Approved Document P

15 Peel Way
Hillingdon



PLAN

PROJECT

Section and Details

Single storey side extension

General Notes:
1. All dimensions to be checked on site prior to construction any discrepancies should be reported to the Highford design
2. All drawings are indicative of architect's usual requirements only and show design intent only
As this is a conceptual design stage, it is not intended to be used for construction
Copyright: Highford Design Ltd
This drawing should not be used to calculate areas for the purpose of valuations. All dimensions to be checked on site by contractor and each dimension to be their responsibility

DWG No

03
Rev: -

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Scale 1:50 @ A1
Checked: AW
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Job No: 356

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