



GROUND FLOOR.

150mm concrete slab on 1000g visqueen dpm on 130mm thick kingspan floor insulation on 1200g visqueen on 150mm well consolidated hardcore on 25mm sand blinding.

FOUNDATION

foundations to be 600wx300m grade 30 reinforced concrete taken down min 900mm below ground level to firm bearing strata and satisfaction of local authority. cavity below ground level to be filled with lean mix concrete. DPC min.150mm above ground level.

WINDOWS/DOORS

all new windows to be high performance upvc double glazing and incorporating trickle ventilation equivalent to 4000mm²-8000mm² to habitable rooms. window u,values not to exceed 1.8w/m²/deg.c, and all to be provided with draught seals. windows to be openable to 1/20th of the floor area. windows to have 20mm air gap double glazed units, low E glass. ALL BY FENSA APPROVED MANUFACTURER. Colour of windows to be confirmed.

WALLS

monocouche render or similar on 100mm blockwork outer leaf with a 110mm cavity incorporating 60mm thickness kingspan kooltherm K8 cavity board installed in strict accordance with manufactures instructions and details. insulation to be secured to internal face of blockwork with stainless steel wall ties fitted with retaining collars as manufactured by Harris and Lambert ltd, placed at the rate of 450mm vertically,750mm horizontally and 225mm vertically at jambs. inner leaf to be 100mm medium density 7kn/m² blockwork finished with 12.5mm plasterboard and skim on dabs. insulating thermabate cavity closers to be used at all jambs. Cavity closer to head of cavity wall. (DPC MIN 150MM ABOVE FIN.FLOOR LEVEL TO NEW EXTENSION.)

EAVES

new plastic box gutter system on coloured pvcu fascia and soffit system by specialist.

LINTELS

all new lintels to be by supagaly or similar approved manufacturer. min 150mm end bearing, size and type to be confirmed by manufacturer & engineer.

ROOF

(FLAT ROOF)1.2mm thick Sarnafil G41-15EL glass mat reinforced roofing membrane bedded on Sarnacol 2170 cold applied adhesive on 150mm thick Kingspan TR27 insulation bonded in sarnacol 2162,sealed at perimeter and penetrations on vapour control layer as sarnavap 5000E SA self adhesive vapour control layer on 18mm thick moisture resistant plywood base on 50x225mm C24 flat roof joists AT 450mm centres to provide 1 deg.roof slope. ends of joists to be treated and built into blockwork. All of the above to be installed in strict accordance with Sarnafil installation guidelines.

Notes

- All dimensions are in millimeters, contractor is responsible for verification of dimensions on site with any discrepancies to be reported.
- All work is to be undertaken to the satisfaction of the the Local Authority Building Control Officer. All materials must comply with the latest British Standards and Codes of Practice.
- Any discrepancies to be reported.
- Do not scale from this drawing.

Rev	Date	By	Notes

WARDLEIGH,
WINGATE ROAD,
TRIMDON STATION,
COUNTY DURHAM,
TS29 6AX

Section Through

SCALE
1:100@A3

DATE

DRAWING NO

A/SEPT/103

REV