

PROVIDE A SPACE OF AT LEAST 50MM ABOVE THE INSULATION (BETWEEN IT AND THE ROOF COVERING) TO ALLOW CROSS VENTILATION OF THE VOID TO PREVENT EXCESSIVE CONDENSATION. TO PROVIDE THIS VENTILATION A 25MM STRIP, WITH A VERMIN SCREEN, RUNNING THE FULL LENGTH OF THE EAVES IS REQUIRED

LINTELS:
TO EXTERNAL OPENINGS: PREFABRICATED STEEL LINTELS TO BE "CATNIC" SECTION AND INCORPORATING THERMAL BREAK WITH MIN. 150MM BEARING TO EACH END WITH DPC OVER. TO MANUFACTURES SPECIFICATION.

FIRINGS LAID TO FALLS

DORMER WALLS
APPROVED TIMBER/UPVC WEATHERBOARDING/
VERTICAL WALL TILING FIXED WITH
PROPRIETARY RUST RESISTANT FIXINGS
TO: 50 X 25MM TREATED BATTENS/COUNTER
BATTENS AT 400MM CTRS FIXED TO: TYVEK
VAPOUR PERMEABLE MEMBRANE SUITABLE
FOR TIMBER FRAMED WALLS & FIXED AS
MANUFACTURERS DETAILS TO: 12MM WPB
EXT QUALITY PLYWOOD SHEATHING (JOINTS
COVERED BY DPC/BATTENS) FIXED TO
150 X 75MM TIMBER STUDS AT 400MM CTRS
WITH 150 X 750MM TIMBER HEAD & SOLE
PLATES & 2 ROWS NOGGINS AND DIAGONAL
BRACING AS S/ENGINEERS DETAILS.
STUDS EXCEEDING 2.5M HIGH TO BE DESIGNED
BY STRUCTURAL ENGINEER.
THERMAL INSULATION BOARD IN COMPLIANCE
WITH TABLE BELOW TO BE TIGHTLY
FRICTION FIXED BETWEEN STUDS WITH 13MM
VAPOUR CHECKED PLASTER BOARD
FIXED TO INTERNAL FACE OF STUDS AND
FINISHED WITH 3MM SKIM COAT OF FINISHING
PLASTER. ALL JUNCTIONS TO HAVE WATER
TIGHT CONSTRUCTION & SEAL ALL PERIMETER
JOINTS WITH TAPE INTERNALLY AND WITH
SILICON SEALANT EXTERNALLY.

9mm SUPALUX BOARD TO PROVIDE 30 MINS
FIRE PROTECTION WITH VAPOUR BARRIER
BOARDS FIXED TO TIMBER STUDS USING 38mm
LONG ROUND HEAD NAILS @300mm C/Cs

TIMBER STUDWORK TO BE AS PER ENGINEERS
DETAILS USUALLY 100x75 SW STUDS
INSULATION TO BE KINGSPAN
THERMAWALL TW55 90mm THICK
@ 610mm C/Cs INSULATION TO STUDWORK
TO ACHIEVE 0.28W/M2K BATTENS FIXED
THROUGH SUPALUX WITH THE EXTERNAL
FINISH BEING CLASS O
INTERNAL FACE TO BE 12.5mm PLASTERBOARD
10KG/M2 DENSITY AND SKIM FINISH

SOUND PROOFING OF EXISTING PARTY WALL:
IF EXISTING WALL IS A CAVITY WALL SOUND
PROOFING CAN BE ACHIEVED BY CLADDING
THE WALL WITH 12.5mm PLASTER BOARD
FOILBACKED 10KG/M2 DENSITY ON 38mm
SW STUDS FACE OF PLASTER BOARD TO BE
5 MM SKIM FINISH.

IF A SOLID WALL IT WILL BE NECESSARY TO
CONSTRUCT AN INDEPENDENT STUD LINING
75x50mm LEAVING A GAP OF 10mm BETWEEN
THE STUDWORK AND THE FACE OF THE
BRICKWORK VOIDS FILLED WITH 50mm
MINERAL WOOL INSULATION
STUDWORK CLAD WITH TWO LAYERS
OF 12.5mm 10KG/M2 PLASTERBOARD

DORMER WALL WITHIN 1 METER OF BOUNDARY
TO ACHIEVE 30 MINUTES FIRE RATING AND upvc
CLADDING TO HAVE A SURFACE SPREAD OF
FLAME RATING OF CLASS O

150mm MIN UPSTAND TO FLASHING
PROVIDE CAVITY TRAY OVER

300mm QUILT INSULATION

Proposed roof tiles to be suitable for pitch of roof.

ROOF CALCULATIONS TO ENGINEERS
DETAILS AND CALCULATIONS AND TO
APPROVAL

Rafters should be birds-mouthed over timber bearing locations
to provide robust connections at both the ridge and wall plate.
Alternatively, hangers or clips could be used to improve the
connection of the rafters.

50mm AIR GAP

PROVIDE 25mm EAVES VENTS
RIGE VENTS WITH 50mm AIR
GAP ABOVE VENTILATION

CLOSER

NEW STEELWORK INSULATED
WITH 2 LAYERS OF PLASTERBOARD
AND SKIM FINISH TO GIVE 1 HOUR F.R
AND TO STRUCTURAL ENGINEERS
DETAILS AND CALCULATION AND TO
APPROVAL

60mm S/S SCREED ON 125mm MIN
CONCRETE ON 80mm MIN KINGSPAN INSULATION
WITH 25mm UPSTANDS TO EXPOSED WALLS
ON 1200g VISQUEEN LAPPED INTO DPC
ON 50mm SAND BLINDING ON 150mm
MECHANICALLY COMPACTED HARDCORE.

HI LOAD OR SIMILAR DPC TO BE SET A
MINIMUM OF 150MM ABOVE EXTERNAL
GROUND FLOOR LEVEL.

WALLS BELOW EXTERNAL GROUND
FLOOR LEVEL TO HAVE WEAK MIX
CONCRETE INFILL TO CAVITY

FOUNDATIONS TO BE TAKEN DOWN
TO INVERT LEVEL OF ANY DRAINS
WITHIN 1M OF EXCAVATION.

FOUNDATIONS TO SUIT GROUND
CONDITIONS MIN DEPTH TO BE

ALL NEW FOUNDATION WORK
PILLASTERS AND STEELWORK TO
THE CLIENTS STRUCTURAL
ENGINEERS DETAILS AND TO BE TO
THE COMPLETE SATISFACTION OF
THE APPOINTED BUILDING INSPECTOR

750MM WIDE C35 GRADE 1000MM
STRIP FOOTING TO ENGINEERS
DETAIL, DEPTH OF FOOTING
IS TO BE AGREED ON SITE
WITH L.A. INSPECTOR.

SECTION A-A



PROJECT TITLE PROPOSED SIDE EXTENSION	DRAWING TITLE PROPOSED SECTION A-A	7 KENDAL CLOSE RAINFORD WA11 7LG Tel: 07786 362 196 EMAIL: gemorris@blueyonder.co.uk	GARY MORRIS	CLIENT Rachel Higgins 1 Lancing Close L25 9PZ			003
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					DATE	01:10:2025	
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