

WINDOWS/GLAZING

All windows to be upvc framed, white finish.

All inner leaf of double glazing units incorporating low level glazing below 900mm from F.F.L. to be 6mm toughened safety glass to BS 6262 : part 4 : 2005.

Double glazing to generally consist of 4mm thick outer pane, 16mm gap filled with argon gas, and 6mm inner pane. Glass to be low-E type, toughened, and comply with BS 6262 : part 4 : 2005, BS EN 1279 and be Kitemark accredited.

All windows to be installed in accordance with the manufacturers written instructions.

All glazing to be double glazed units, achieving a minimum u-value of at least 1.4w/m²k.

Glazed area of each habitable room to be minimum of 1 / 15th of floor area of that room.

Opening area of window to each habitable room to be 1 / 30th of floor area to that room.

NOTE - windows to be fitted with trickle ventilation .

Performance of windows to be in accordance with BS6375 part 1 and test method BS 5368 parts 1,2 and 3.

All windows to comply with the requirements of the "Secured by Design" scheme.

INTERNAL DOORS

Internal doors to match existing.

All new doors to have 800mm leat opening

DRAUGHT PROOFING

All windows and doors to be double glazed.

All windows to be fully draught stripped with proprietary gaskets at cills, jambs and heads. Loft access hatch to be insulated as per roof space and fitted with draught seal.

All pipes, cables etc. passing through floors and walls to be sealed with proprietary gaskets of expanding sealant.

NATURAL/MECHANICAL VENTILATION

Ventilation to comply fully with BS 55720:1979 and in particular with the requirements of part 3.14.2 of the Scottish Building Standards. Natural ventilation to be provided by windows having opening lights and through frame trickle ventilation.

Windows to have 12000mm² through frame trickle ventilation.

DRAUGHT PROOFING

All windows and doors to be double glazed.

All windows to be fully draught stripped with proprietary gaskets at cills, jambs and heads. Loft access hatch to be insulated as per roof space and fitted with draught seal.

All pipes, cables etc. passing through floors and walls to be sealed with proprietary gaskets of expanding sealant.

DPCs

DPC to be provided at all cills, jambs and thresholds.

Horizontal dpc to be a min of 150mm above ground level.

Vertical DPC to be installed between new wall and existing.

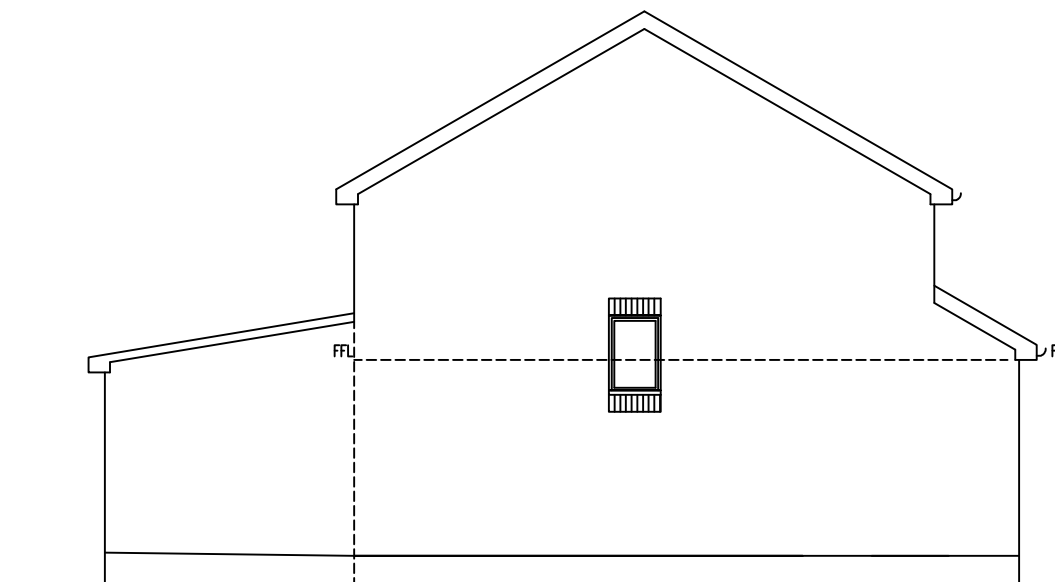
Radiators to all rooms to be fitted with TRVs.

Central heating pipework to be insulated with 0.045W/mK insulation diameter equal to thickness of pipes to max 40mm.

All water and heating pipes to be fully insulated where hidden.

NOTES:

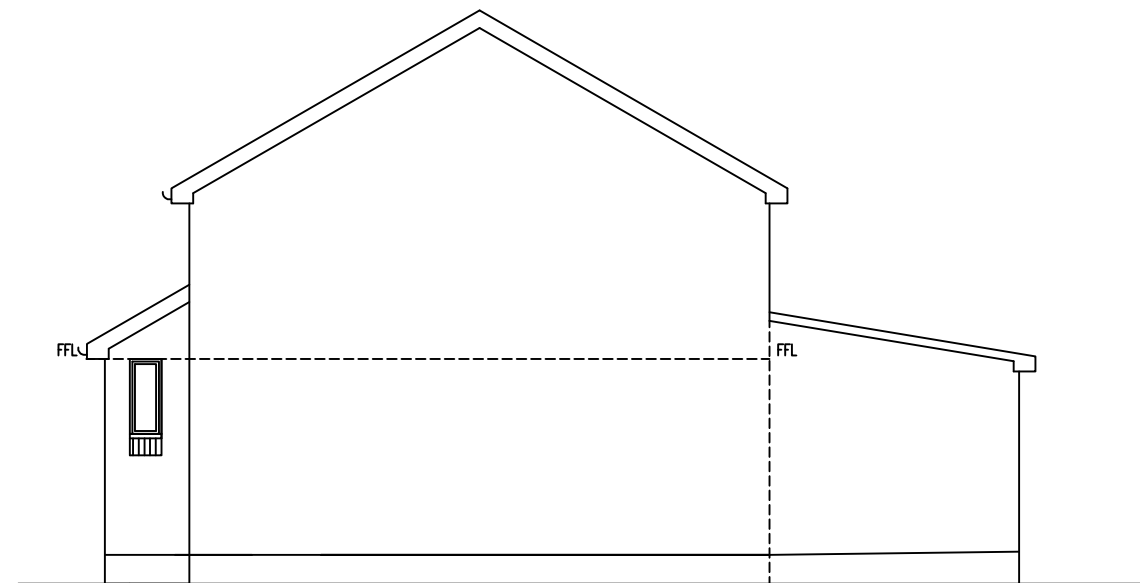
1. THIS DRAWING MUST NOT BE SCALED.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS.



GABLE ELEVATION AS PROPOSED 1:100



REAR ELEVATION AS PROPOSED 1:100



GABLE ELEVATION AS PROPOSED 1:100

U-values to comply with column a) as U-Values for wall and roof of the existing dwelling are poorer than 0.7 and 0.25 respectively
U value of external walls to be max 0.17
U value of floor to be max 0.15
U value of roof to be max 0.13
U value of windows and external doors to be max 1.4

U values achieved:
U value of external walls 0.15
U value of floor 0.14
U value of roof 0.13
U value of windows and external doors 1.4

PROPOSED EXTENSION TO
47 CRANNOG WAY
KILWINNING

DRAWING NO - 05