



All elements of structure require minimum 30 minutes fire resistance

Eaves ventilation to be type FV100 by 'Glidevale' = to 10,000mm<sup>2</sup> / lin. metre free air space

Kingspan Thermabate Cavity Wall Closers (or equivalent) will be used.

Ceiling construction to be of 012mm plasterboard fixed at max. 200mm centres with large head galv clout nails [50mm] with fibataped joints and skimmed to a true flat surface.

Lateral restraint provided to bottom truss chords parallel to external wall to be of 030x005mm MS straps, carried over min. 3 no. chords [ with 050x100mm noggins under] at 2000mm centres.

wall construction to be of 300mm cavity construction outer skin to be of facing brick as exist. or similar approved, built at gauge to ensure horizontal alignment, 90mm cavity with 85mm drithern 32 full fill cavity batts installed as work proceeds, inner leaf to be of 100mm thermalite turbo blockwork or similar approved. NOTE. cavity wall insulation to extend past DPC to top of cavity fill.

Provide 270mm thick fibreglass insulation to roof void

Run the ceiling joists front to back to support ridge and leave all the existing roof structure in tact where possible and place lay boards on top. (Max. span of 150mm x 50mm ceiling joists is 3.2m so hang at these centres).

Bedroom 4  
Sound insulation is required to the first floor - 22mm chipboard  
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(Wall board 10, Fireline or Soundblock)

steel beams as engineer's details

Internal drainage shall be to BS 5572 : 1978 and BS5414 all internal drainage to be by 'Bartol' or similar approved UPVC high temperature waste system, 100, 032 & 040mm as necessary [minimum trap sizes & seal depths] IE : depth of seal 075mm depth of seal 075mm

All windows to have openable casements equal to min. 1/20th floor area of room and to be fully weatherstripped all non-habitable rooms IE bathrooms, kitchen, utility. etc

ELECTRICITY service into existing buildings., care must be taken when any excavation is taking place near these positions. Confirm position of electricity cables with UK Power Networks (plans@ukpowernetworks.co.uk) before commencing on site, position of service cable to be marked on site, and also on copy of plans, once position of cable has

Cross flow ventilation provided to roof rafter space via propriety eaves strip (continuous and dry ridge (5mm) ventilation systems levels at least to a min 25mm continuous wide strip GAS service into existing buildings., care must be taken when any excavation is taking place near these positions. Confirm position of gas supply pipe with Transco 01204 - 546900, before commencing on site, position of service pipe to be marked on site, and also on copy of plans, once position of pipe has been established. IN AN EMERGENCY CALL 0800 111999 IMMEDIATELY

Timber first floor construction to be of a layer of minimum 100mm 'Rockwool' between (see engineers report for timber sizes) C16 floor joists at 400mm centres above ceiling finish, which is to be of one layer of 012mm 'Gyproc-Wallboard' fixed to proposed floor joists with 'Gyproc Drywall Timber Screws' at maximum 200mm centres & incorporating fibre glass reinforced self-adhesive scrim FT50 & final finishing coat of 005mm 'Thistle Multi-Finish'

NOTE, Positions of proposed drainage runs and types of drainage indicated on drawings are provisional only, and may be altered to suit site conditions. Contractor to check invert & position of existing drainage systems to ensure adequate fall & to ensure BCO is satisfied with proposed drainage layout, fall and site inverts before excavation of drainage runs

Maintain any existing floor ventilation from the existing dwelling with 100mm dia PVC duct over / under new floor and extending telescopic air vents and air bricks with cavity trays over at maximum 1500mm centres. all vegetable strip to be removed from site of slab & ground to be treated were necessary with proprietary weedkiller

WATER supply to be located & isolated prior to removal of any pipework, water supply pipe to be adequately protected from accidental / wilful damage at all times, contact United Utilities 0845 746 2200

Take new foundations down to invert level of any adjacent drains or driains running under the proposed new extension.

Note: Ground conditions to be investigated to determine the foundation type and depth and to be approved by Building Control Officer

New foundations and piling details are to be Inspected/Approved by the BCO before work starts. Full details to be provided by the Building Contractor.

**Proposed Section**  
Scale 1:50

| Rev                                    | Date | Description |
|--|------|-------------|
| Issued For : INFORMATION PURPOSES ONLY |      |             |

Client  
Mr. Adam Smith

Project  
72 Bracadale Drive,  
Stockport. SK3 8RY  
Proposed two storey side extension.

Scheme - Drawing Title  
Proposed Section.

|             |          |                |
|-------------|----------|----------------|
| 03          | Date     | 04.05.22       |
| Drawing No. | Revision | Scale 1:50 @A3 |

