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revisions:

notes:

REGULATION L1 Elemental method of compliance

ROOF
250 glass wool to achieve u value 0.16 w/m²K.

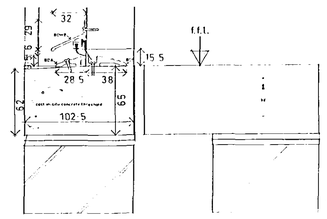
EXPOSED WALLS
102.5 bwk, 75 cavity inc. 75 ROCKWOOL cavity insulation & 100 thermal blockwork to achieve max u value 0.35 w/m²K.

GROUND FLOOR
75 celotex GA3075Z floor insulation to achieve 0.25 w/m²K..

WINDOWS & DOORS
upvc double glazed with a 12mm air gap, argon filled with a 'soft' low-E coating to achieve 2.0 w/m²K.

LIMITING INFILTRATION
seal gaps between studwork & masonry, masonry walls at edges of window & door openings & at junctions of walls, floors & ceilings by continuous bands of fixing plaster.
draught stripping to all windows, doors & loft hatches.
seal pipes & boxing at floor & ceiling levels.

energy SAP rating to be submitted to local authority prior to completion.

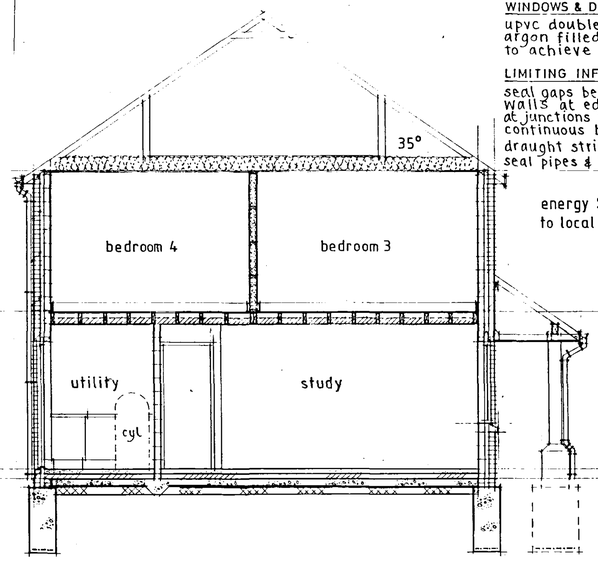


LEVEL ACCESS DETAIL (nts)



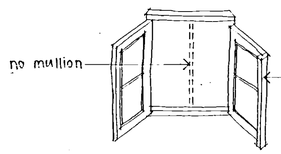
SIDE ELEVATION

artificial stone window cills, lintels & door thresholds as shown



SECTION BB

escape windows to have unobstructed openable area min. 0.33m2 & min. 450 w. x 450 h. with a max. window opening height of 1100mm.



ESCAPE WINDOW

proposed roof covering in conc. interlocking roof tiles, suitable for pitch & fixed all in accordance with manufacturers instructions to 38 x 25 sw battens on KLOBER PERMO FORTE (vapour permeable membrane)

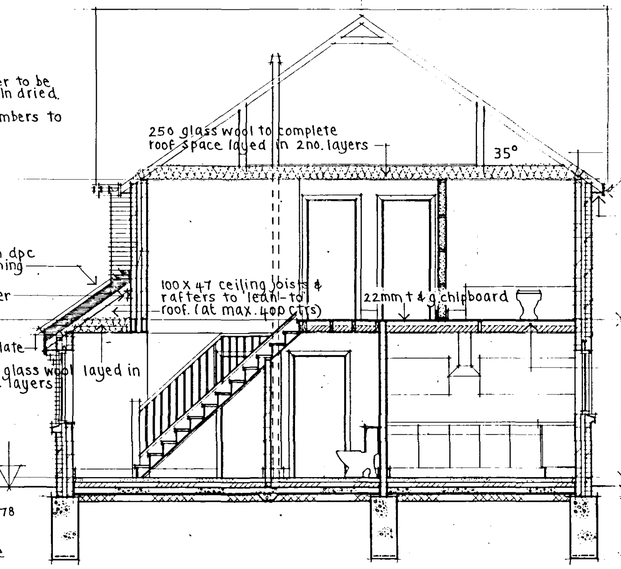


FRONT ELEVATION

SG denotes safety glazing in critical areas to BS 6206 : 1981

structural timber to be sc3 grade sw, kiln dried.

treat exposed timbers to BS 1282 : 1975



SECTION A A

thin peat level 600mm below slab level ∴ traditional oversite slab satisfactory

pre fabricated attic style roof trusses at max. 600 ctrs inc. wind bracing fixed all in accordance with manufacturers instructions & BS 5268 : pt. 3 : 1985. manufacturers design certificate to be submitted to & approved by local authority prior to site start.

strap roof trusses, wall plates & floor joists down to walls at max. 1800 ctrs with 30 x 5 ms straps inc. noggin pieces as required

100 x 65 sw wallplate.
175 x 25 sw fascia
10mm ext. quality ply soffite
all new ceilings in 15mm plasterboard & scrim & set.
provide cavity trays above l.g. cavity lintels
100mm ROCKWOOL RW2 insulation between all floor joists (min. 10kg/m³)
dpc min. 150 above g.l.
common bwk below g.l.
cavity to extend min. 225 below lowest dpc.
new solid floor construction : 100 well consolidated & sand blinded hardcore, 1200 gauge polythene dpm lapped & continuous with int. dpc's, 100 conc., 75 celotex floor insulation GA 30 75 Z turned up at perimeter of new solid floor & 75 screed & finish.

Building to be constructed in accordance with Robust Construction Details

i) wall & loft insulation to be continuous where applicable.
ii) loft insulation to be installed tight up to gable walls.
iii) wall insulation to extend 150 below top of perimeter insulation supported on row of wall ties.
iv) silicon sealant to front & back of all window/ext. door frames.
v) thermabate cavity closers to all external openings 40mm frame/closer overlap.

SHDC
PLANNING & DEVELOPMENT
10 FEB 2006
Ref. 0702166

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job:

CASTLE STREET DEVELOPMENTS LTD
Land at:
27A CHAPEL STREET
CROWLAND
CAMBS.
PE6 0AR

Detached dwelling

HOUSE TYPE A | PLOT 3

drg: DETER... PLAN

Sections & elevations

scale: 1/50
date: 26/1/06
drawn by:
drg. no.: 3957/2