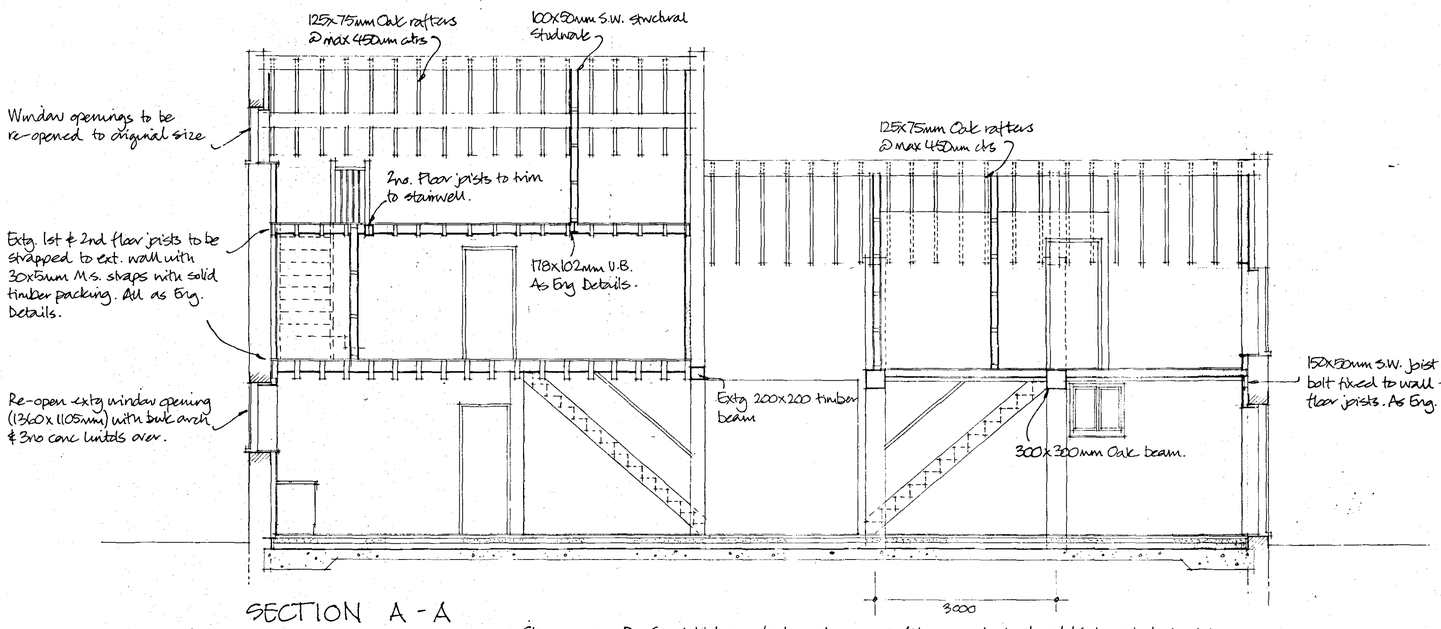
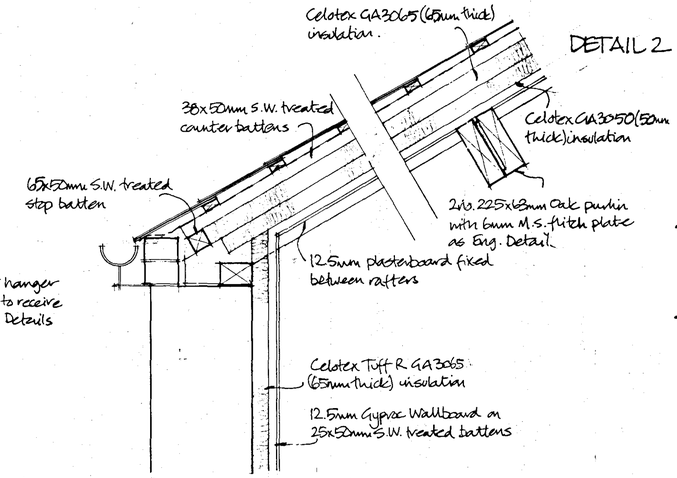
- All work to be carried out in accordance with current Building Regs & L.A. Approval. All dimensions, levels, & inverts to be checked on site prior to commencement.



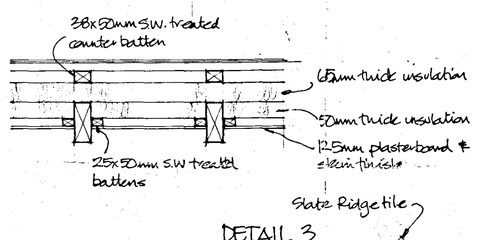
SECTION A-A

- Staircases - By Specialist manufacturer to fit finished FL-FL. Max pitch 42°, max rise 220mm, min going 220mm. Handrail 900mm above pitch line. Headroom to be min 2.0m measured vertically from pitch line. Balustrades to be max 100mm apart.

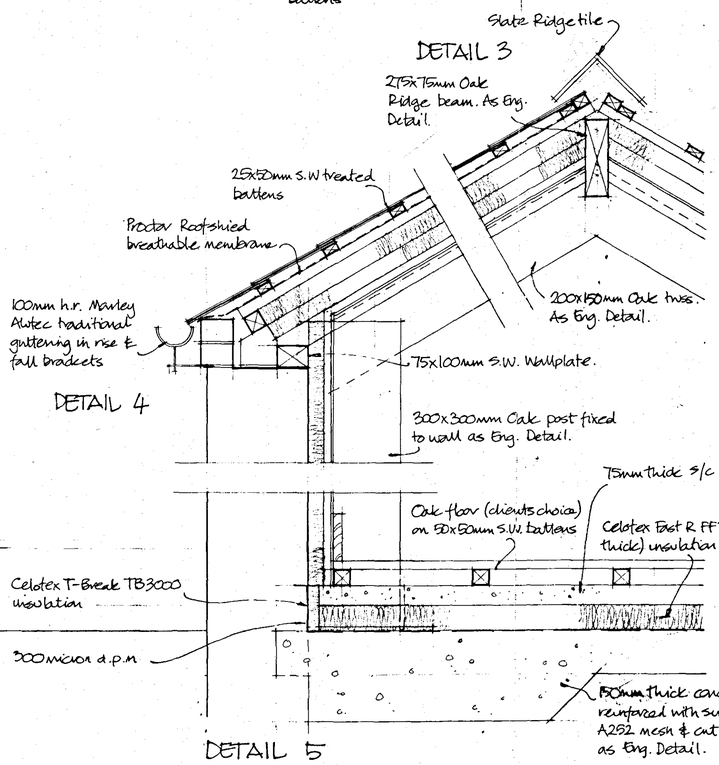
- All exposed structural timbers to be treated with Nullifire WD or similar approved water based flame retardent coating to delay the onset of charring.



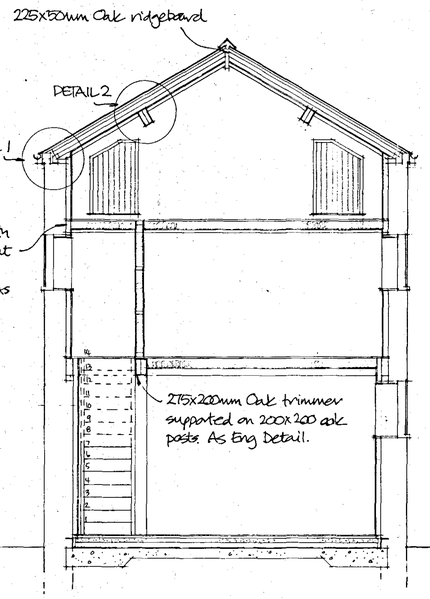
DETAIL 2



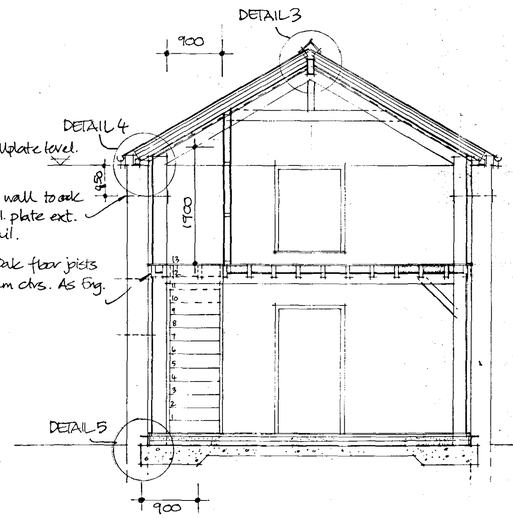
DETAIL 1



DETAIL 5



SECTION B-B



SECTION C-C

NOTES

- Internal Partitions - 100x50mm S.W. studs, base, head plates & noggins. Studs @ 400mm ctrs with 2no rows of noggins covered both sides with 12.5mm Gypsc wallboard (min weight 10kg/m²) fixed as manufacturers details Infilled with 100mm thick mineral wool insulation to provide sound insulation.

- Ground Floor (Main block) - 75mm thick sand/cement screed (1:3) reinforced with chicken mire & float finish to receive Oak timber floor (clients choice) fixed to 50x50mm S.W battens. Over polythene vapour control layer on Celotex Fast R FF3050x2 (100mm thick) insulation with Celotex T-Break TB3000 insulation to perimeter upstand. All laid in accordance with manufacturers details. Laid on min 300 micron polythene d.p.m with 200mm sealed laps continuous with d.p.c over 150mm thick poured conc. slab (GEN 1 to BS.8328:1991) reinforced with single layer of A252 mesh in top, (Slab to be cut into extg walls at 900mm ctrs as Eng Details) over min 150mm thick compacted hardcore (50mm cleaned graded stones) All to give min U-value 0.20 W/m²k.

- New 1st Floor - 21mm thick flooring grade chipboard on 175x75mm Oak joists at 400mm ctrs supported in Oak beams as dwg. Provide solid S.W. timber noggins at mid-span.

- Ceilings - 12.5mm plasterboard (min weight 10kg/m²) supported on S.W. noggin & battens between floor joists to expose underside of joists, with scrim & finished with 5mm Gypsum plaster skim. Provide min 100mm thick mineral wool insulation (min density 10kg/m³) laid between joists to provide sound insulation.

- Roof Strapping - Roof timbers to be fixed at max 2.0m ctrs at verge with 30x5mm galv. MS. straps with solid timber noggins between roof timbers & between last timber & wall. Straps to span 3no. timbers. Wallplate straps to be provided @ 1.2m ctrs & within 400mm of end wall.

- Roof Covering - Natural Slate on 50x25mm S.W. treated battens on Proctor Roofshield breathable membrane used strictly in accordance with manufacturers details.

- Roof Insulation - Provide Celotex GA3050 (50mm thick) insulation between rafters & Celotex GA3065 (65mm thick) insulation over rafters. Include 38x50mm S.W. counter battens over to receive roof battens, with 12.5mm plasterboard supported on 25x50mm S.W. battens between rafters to leave rafters exposed. All as manufacturers details to give min U-value 0.20 W/m²k.

PLANNING DEVELOPMENT
27 FEB 2007
02521/07

Rev A - Jan 07 - Building Reg Ammendments (Insulation thickness)

POD Designs
Tel : 01529 240 407

PROJECT.
Proposed Barn Conversion at Fen Farm Barns, Grange Hill Road, Tydd St. Mary's Fen, Wisbech, CAMB.

DRAWING.
SECTION A-B & DETAILS

DRAWN.	DATE.	SCALE.
rpn	NOV 06	1:10 & 1:50

DWG. No. 3257 - 15 A

DETERMINED
FILE