



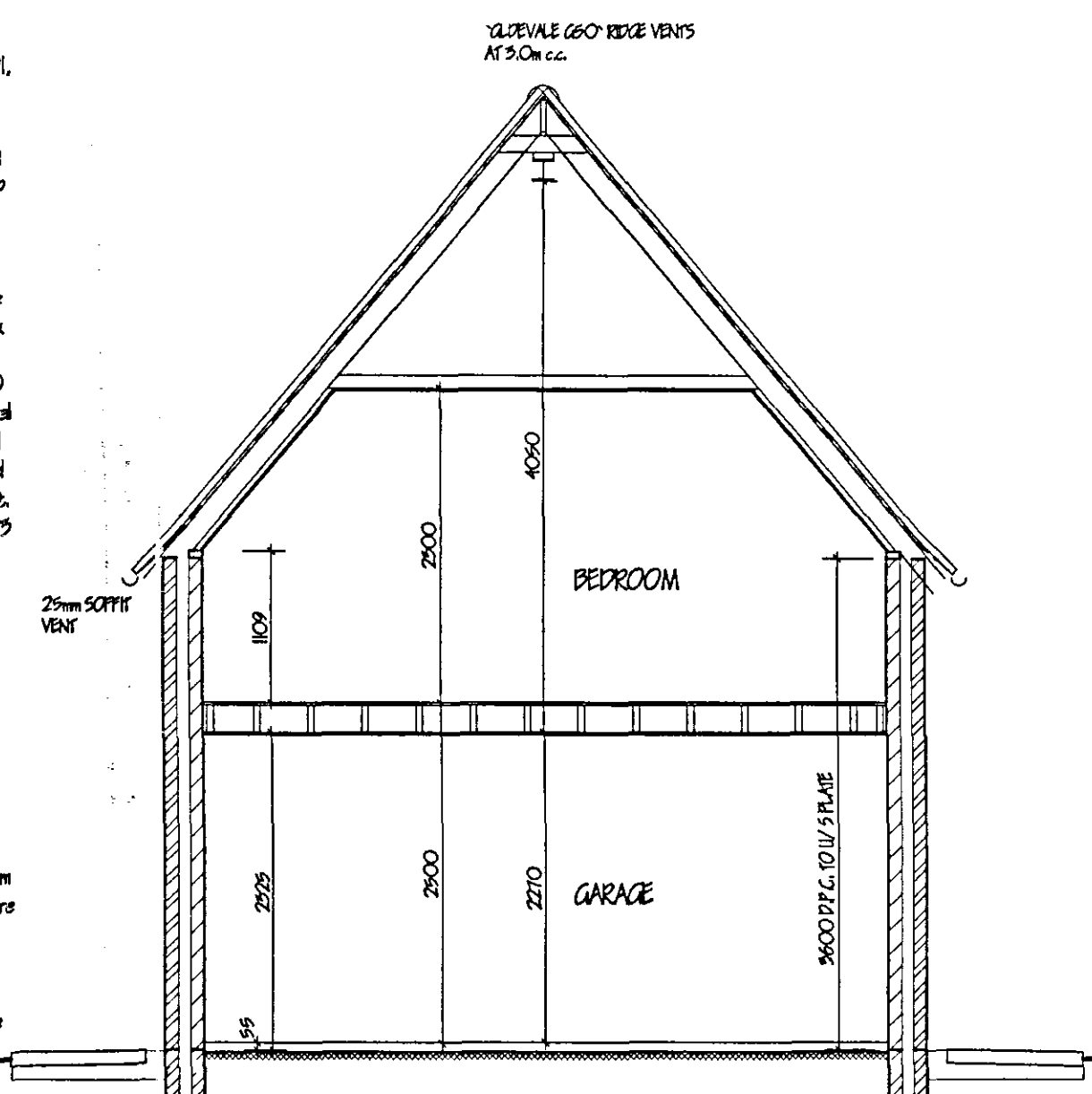
EXTERNAL MATERIALS.  
WALLS - IBSTOCK PARKHOUSE RED  
ROOFS - SANDTOFT CALDERDALE SLATE - GREY.  
STONE LINTELS & CILLS.



**PITCHED ROOF CONSTRUCTION – OVER GARAGE:**  
Interlocking concrete roof tiles to BS EN 12617 or 4591, at 25 x 30 softwood treated battens on 190mm x 75mm Joist. Exposed membrane in accordance with B84 note. 40mm (2 second fixings) in all areas to be lapped in minimum 150mm both vertically and horizontally. Tiles to be laid with min. head lap of 75mm and to be fixed in accordance with required wind speed, roof pitch and exposure category as detailed in BS 55999, Pt 2. Install rafters to pitch of 50/125. 25 x 225 Redwood board, 47 x 150 JGK Rafters at 400mm c/c. 47 x 100 ceiling joists at 400mm c/c. 50 x 100 ceiling joists. All rafters to be strapped to wall plate in 30 x 5 ovenshield metal straps acting as anchor and longitudinal restraint straps at max. 1.5m c/c. Note: provide solid bracing/batten straps at 900 x 100 wall plate bedded on solid and cement; 25 x 175 fascia boards; 6mm end grain plywood sited. All structural timber to be MC50 grade, stamped 'PR1' or 'KP' to indicate moisture content of 20% or less in accordance with BS 4973. Timber supports are to be provided to suit water storage tanks over 400 litres joists. All roof intersections provide 25 x 150mm joists boards and diminishing trunks at 600 c/c; install code 4 lead valley liner.

### DORMER CONSTRUCTION

**Form 50** depicts plan detail as shown on plans: roof covering is main roof on 47 x 100 rafters and ceiling joists at 400 c/c; 50 x 50 x 100 head plate; 12.7mm plasterboard and skim to ceiling with 100mm glass fibre insulation laid between joists and 150mm laid over joists; Form external walls and cheeks of 19 x 125 treated timber on 25 x 38 treated timber studs at 400 c/c; 30 x 30 breather paper fixed to 9mm ext. grade sheathing ply on 50 x 100 timber studs at 400 c/c; 100mm Jablest 50 insulation infill between studs; Finish internally with 12.7mm Gypocor "duplex" plasterboard and skim; Form deck 4 lead flashing to deck cheeks.



TYPICAL GARAGE SECTION

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- 7 JUL 2003  
0968/06

**DETERMINED  
PLAN**