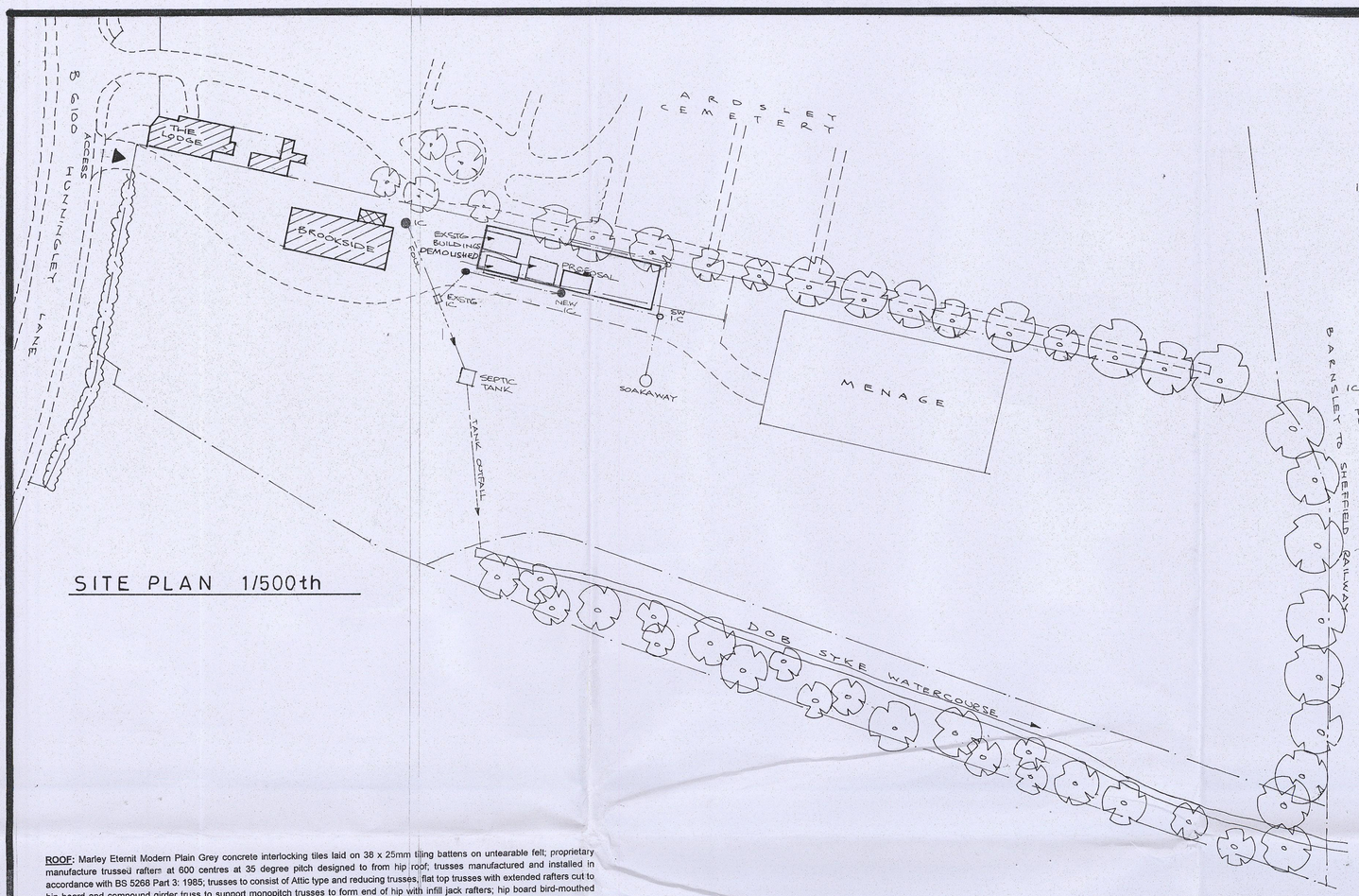
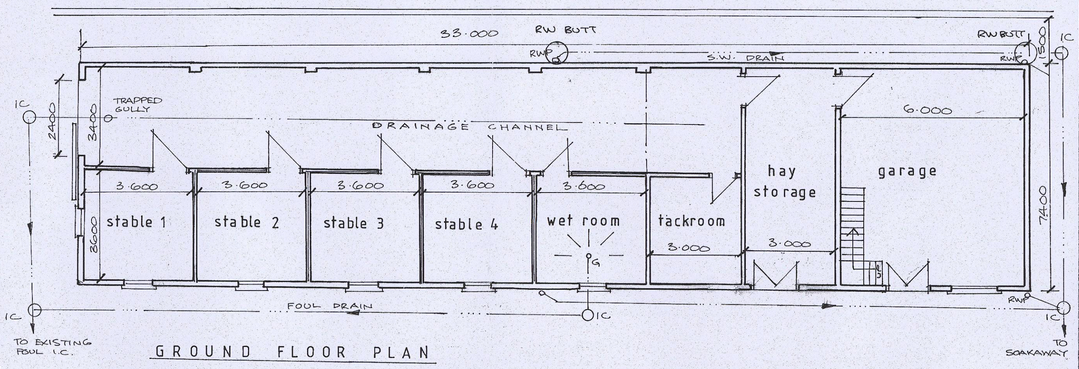
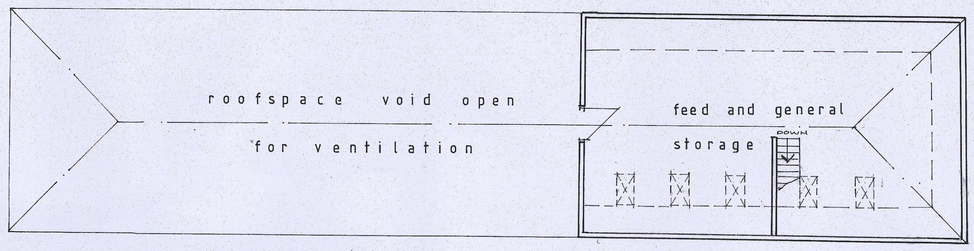


SITE PLAN 1/500th



GROUND FLOOR PLAN



ROOFSPACE PLAN

ROOF: Marley Eternit Modern Plain Grey concrete interlocking tiles laid on 38 x 25mm tiling battens on untearable felt; proprietary manufacture trussed rafters at 600 centres at 35 degree pitch designed to from hip roof; trusses manufactured and installed in accordance with BS 5268 Part 3: 1985; trusses to consist of Attic type and reducing trusses, flat top trusses with extended rafters cut to hip board and compound girder truss to support monopitch trusses to form end of hip with infill jack rafters; hip board bird-mouthed over compound girder truss, flat top truss and wallplate; 97 x 35 top and internal chords and 175 x 35 ceiling chords; all timber in trusses to be Class M50 to BS 4978; 150 x 75 treated wallplate fixed to blockwork at max 1.8 metre centres with 30 x 5 x 600 once bent galvanised m.s.straps; 25 x 100 diagonal wind bracing to underside of trusses; 100 x 50 ceiling binders; timber soffit and fascia board; lateral restraint to walls by building 30 x 5 x 600 m.s. straps into wall and nailing over first three ceiling ties; **Calculations to be prepared by truss manufacturer and submitted to Local Building Inspector for approval 28 days prior to installation on site;** 25 ptg boarding to roofspace storage area

EXTERNAL WALL: 150mm thickness of 7.30 N/mm^3 loadbearing blockwork; external face to be clad with selected high quality 125 x 19mm shiplap boarding pressure treated with Tanalith E to BS EN 335-1; cladding fixed with rust resisting nails to 25 x 25 tanalised timber battens screwed to blockwork; wall built off 600 x 225 concrete foundation; 450 x 150 piers in positions shown with foundation extended to maintain width from face of pier

INTERNAL BLOCK WALL: 100mm thickness of 7.30 N/mm^3 loadbearing blockwork built off 450 x 150 concrete foundations

STABLE AND WET ROOM PARTITION WALLS: 100mm thickness of 7 N/mm^3 loadbearing blockwork built off foundation as above to extend 1220 above floor level with 1000 high grills at top, ledged, braced and fully lined bottom door 1235 wide x 1200 high a 60 thick with grill with talk bars to top; doors fitted with galvanized pad bolts, chew strips and kick over bolts and 350 heavy duty tee hinges.

FLOOR: 150 compacted thickness of selected hardcore with 200 thickness of structural concrete

STAIRCASE: 850 wide, 41 degree pitch timber staircase with 195 risers and 225 treads; treads to overlap tread below by 15mm; headroom minimum 2 metres measured vertically above pitch line and 1.5 metres measured at right angles to pitch line; balustrade fixed to open side of stair 900 above pitch line with vertical spindles fixed at 100 pitch; risers ex 25 timber, treads ex 38 timber and strings ex 250 x 38 timber

VENTILATION: Two louvre vents to stable area with four proprietary ridge vents to promote through ventilation

Windows: Stable windows measure 1036 wide x 1036 high casement type with Perspex glazing opening outwards into yard with hinged galvanised steel bars in frame for security; roofspace storage area to have "Velux" 658 x 1178 Type GGL roof windows (or similar approved) fixed between trimmed rafters in accordance with manufacturer's instructions; roof windows to have proprietary fixing kits and flashings

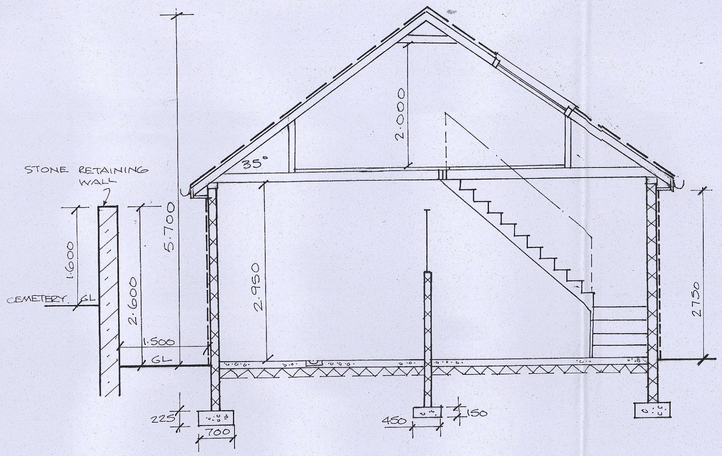
Doors: Side elevation to have a 2400 wide sliding door made from galvanised steel framework clad with shiplap boards; internal personal doors to be 900 wide ledged and braced timber doors and frames; garage and hay store doors to be 1600 wide double ledged and braced timber door and frames; all doors with heavy duty galvanised steel galvanised bolts and hinges

STEEL BEAM: to support wall to roofspace store to be 178 x 102 x 19 kg/m UB to bear on 150 thick concrete padstones both ends; **Calculations for steel beams submitted for approval**

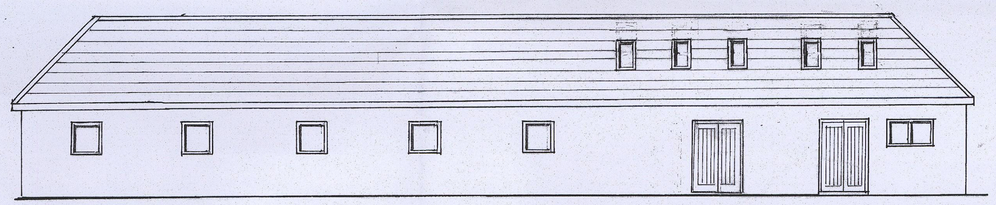
DRAINAGE: Wet room to have trapped gully in floor with stainless steel grate to discharge to new drain connection to new IC; passageway to have dished concrete drainage channel to trapped interceptor gully to new IC; wet room and drainage channel connected to existing IC on foul drain discharging to septic tank; 110 x 63 gutters to discharge to 63 downpipes to new drain to soakaway; SW to minimum 2 cu.m soakaway situated min 10 metres from any structure; soakaway filled with clean hardcore free from vegetable and flaky material; **percolation test carried out to satisfaction of Local Building Inspector to prove suitability of ground;** all drain connections made using 110 diameter PVC pipes with patent push fit flexible joints laid to a minimum gradient of 1 in 40; pipes with less than 1000 cover to be surrounded in 100 thickness of concrete, 150 single sized limestone bed and surround to rest; new 450 dia polypropylene ICs on 150 concrete base with cast iron cover and frame

ELECTRICS: All electrical work to be carried out by "Competent Person Scheme" member who is qualified to complete a BS 7671 Installation Certificate; Certificate to be copied to Local Building Inspector

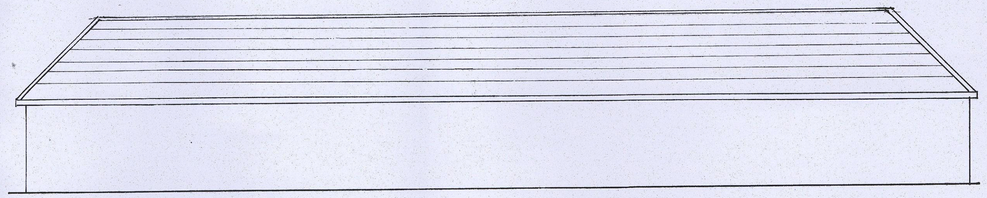
PROPOSED AMERICAN BARN, GARDEN EQUIPMENT GARAGE and STORE at BROOKSIDE, HUNNINGLEY LANE, STAIRFOOT, BARNSLEY



SECTION 1/50th

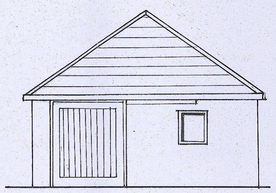


FRONT ELEVATION

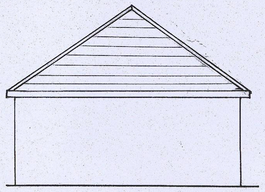


REAR ELEVATION

PLANS and ELEVATIONS
1/100th SCALE



SIDE (to bungalow)



SIDE ELEVATION