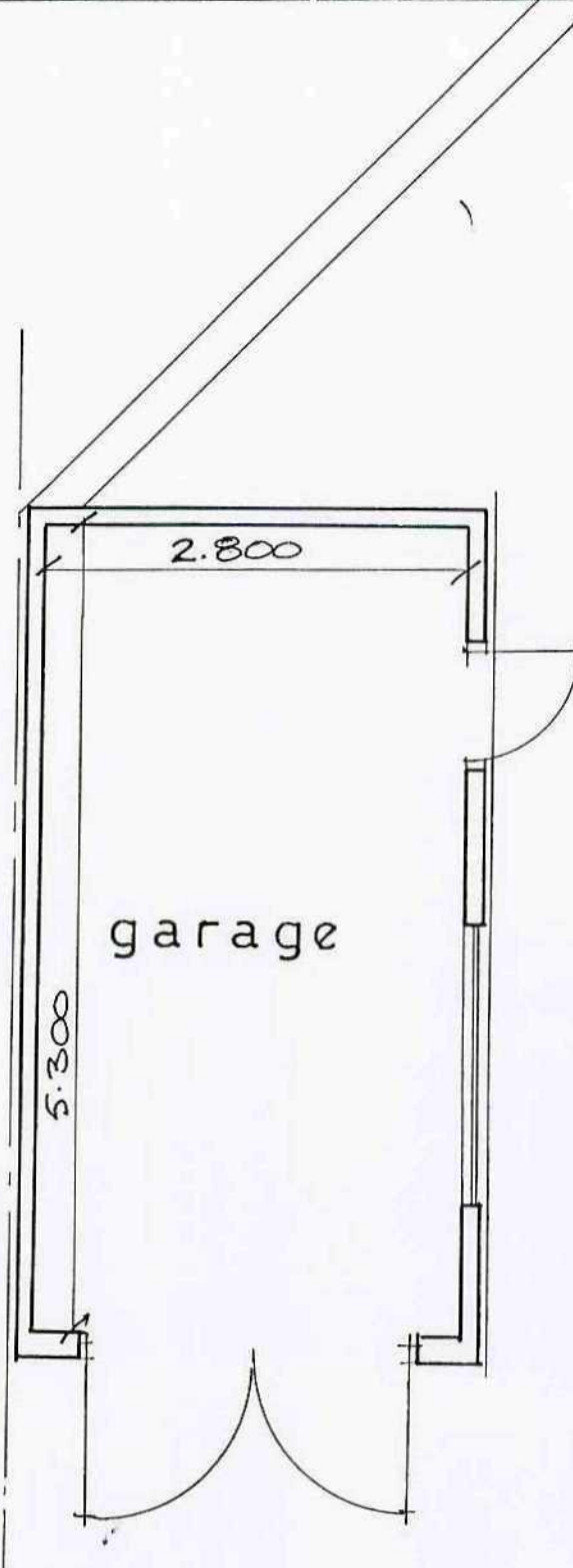
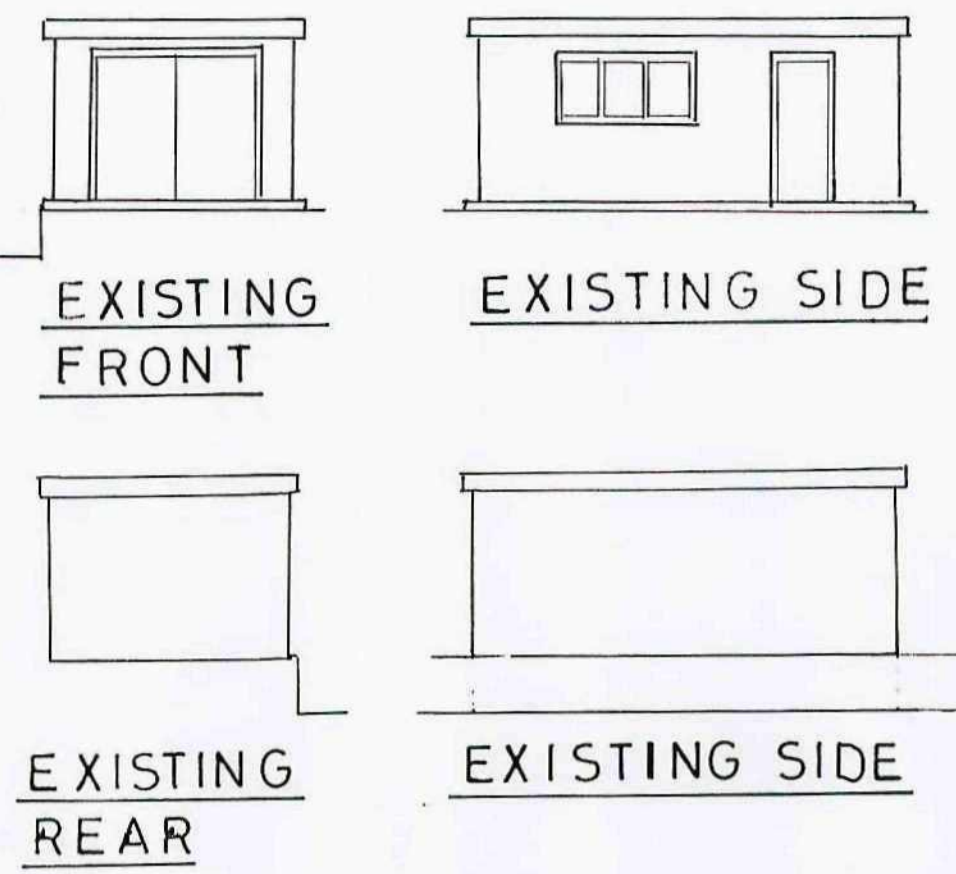


**EXTENSION to GARAGE**



EXISTING PLAN



**PROPOSED EXTENSION TO EXISTING GARAGE**

**ROOF:** Existing flat roof joists and boarding to existing garage roof to be retained; concrete interlocking roof tiles to match existing bungalow roof on 38 x 25 battens on untearable felt, verge and eaves tiles twice clipped, 150 x 50 rafters at 40 centres in Class SC4 timber at min 19.5 degree max 25 degree pitch; rafters to bear on new or existing wallplates, on 200 x 50 hip rafter or ridge board; short rafter ends to bear on 100 x 25 bearer nailed to existing rafters; 50 x 100 dragon ties to corners and across ceiling joists to tie hips together; 100 x 75 treated wallplate fixed to wall at 1.8 metre centres with 30 x 5 x 600 once bent galvanised m.s. straps; PVCu soffit and fascia board; 170 x 47 ceiling joists in Class SC3 timber at 400 centres fixed to wallplate one end; 30 x 5 galvanised mild steel anchors in lateral restraint to gables at max. 1.8 metre centres built into wall and nailed across first 3 ceiling joists

**WALL:** 150 min bed of reconstructed stone to match existing bungalow with; Spanlite R6 prestressed concrete lintels with minimum 150 and bearing; front elevations in 225 thick brickwork with Spanlite R9 lintel, new 450 x 300 thick piers to brace existing garage wall as shown on plan extending to underside of roof coverings; walls brought up to new wallplate height, existing garage foundations exposed and underpinned as required by Local Building Inspector to support additional loads

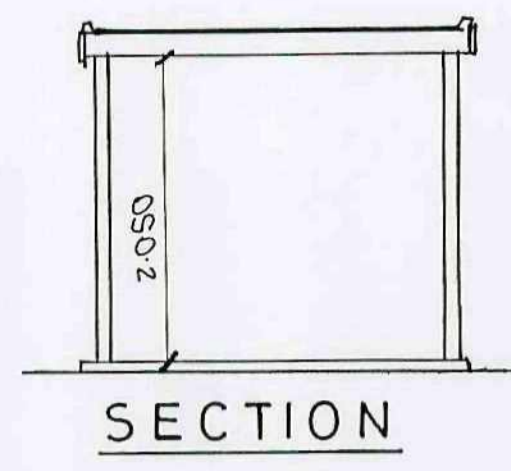
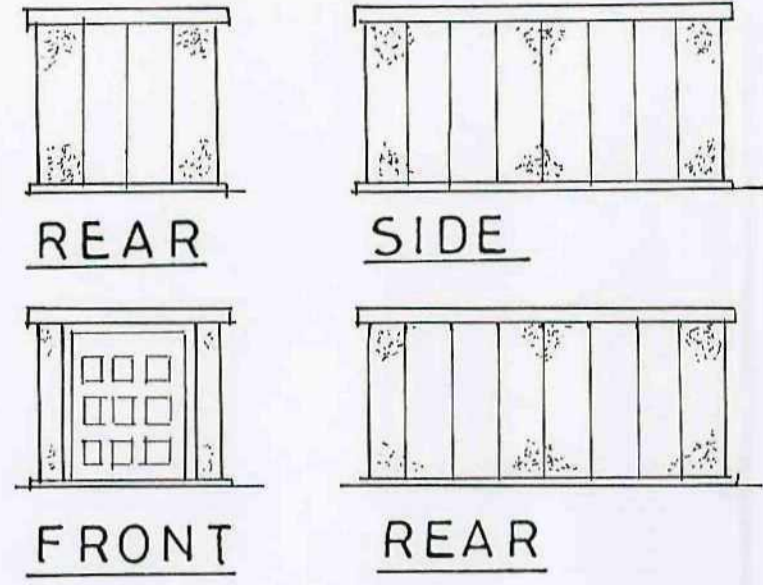
**FLOOR:** 150 compacted thickness of selected hardcore and 100 thick structural concrete; walls built off concrete strip foundation to be minimum depth and size shown on section but will be taken down to depth and suitable strata as required by local Building Inspector

**VENTILATION:** New windows to be 16mm double glazed PVCu units

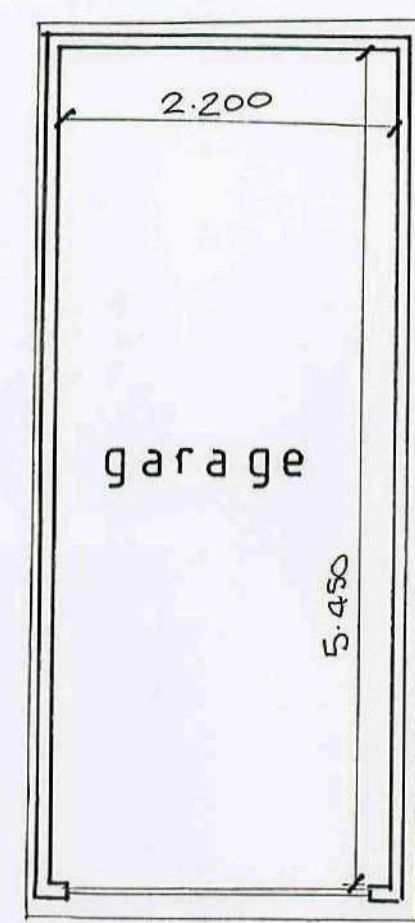
**DRAINAGE:** 110 x 63 gutters to discharge to 63 downpipes to new rainwater gullies as shown; all drain connections made using 100 diameter clayware pipes with patent push fit flexible joints laid to a minimum gradient of 1 in 40; new drain connection to existing sw drainage system, exact location to be determined on site and all work to satisfaction of Local Building Inspector

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 SECTIONAL GARAGE**



SECTION



PLAN

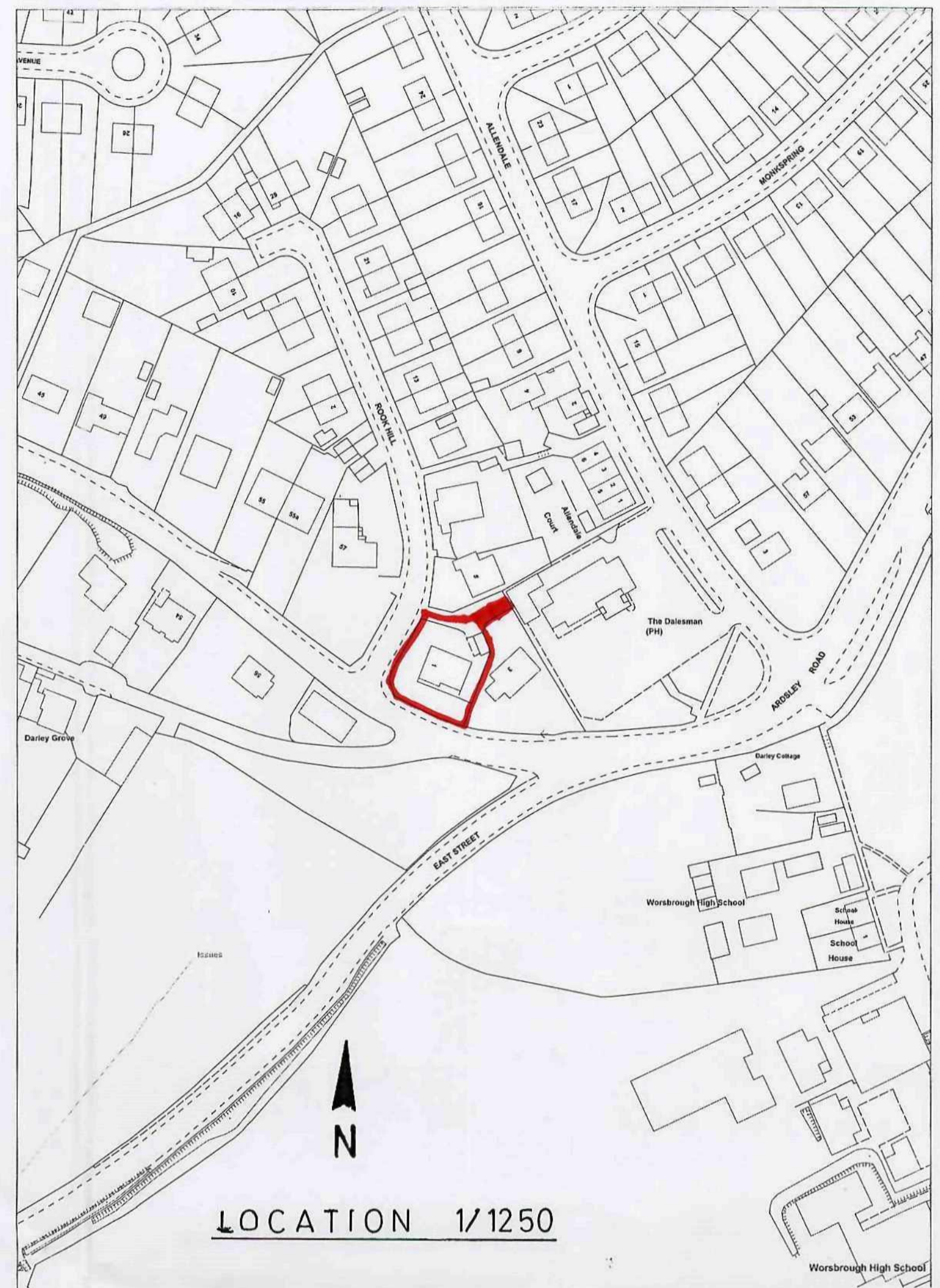
**PRECAST CONCRETE GARAGE**

Proprietary manufacture sectional concrete garage with Canterbury Spar aggregate finished panels; flush jointed concrete panels, mastic sealed and securely bolted; panels steel reinforced for extra strength; sand and cement fillet to internal perimeter walls; 110 x 63 gutters to discharge to 63 downpipes to rain water butt or ground

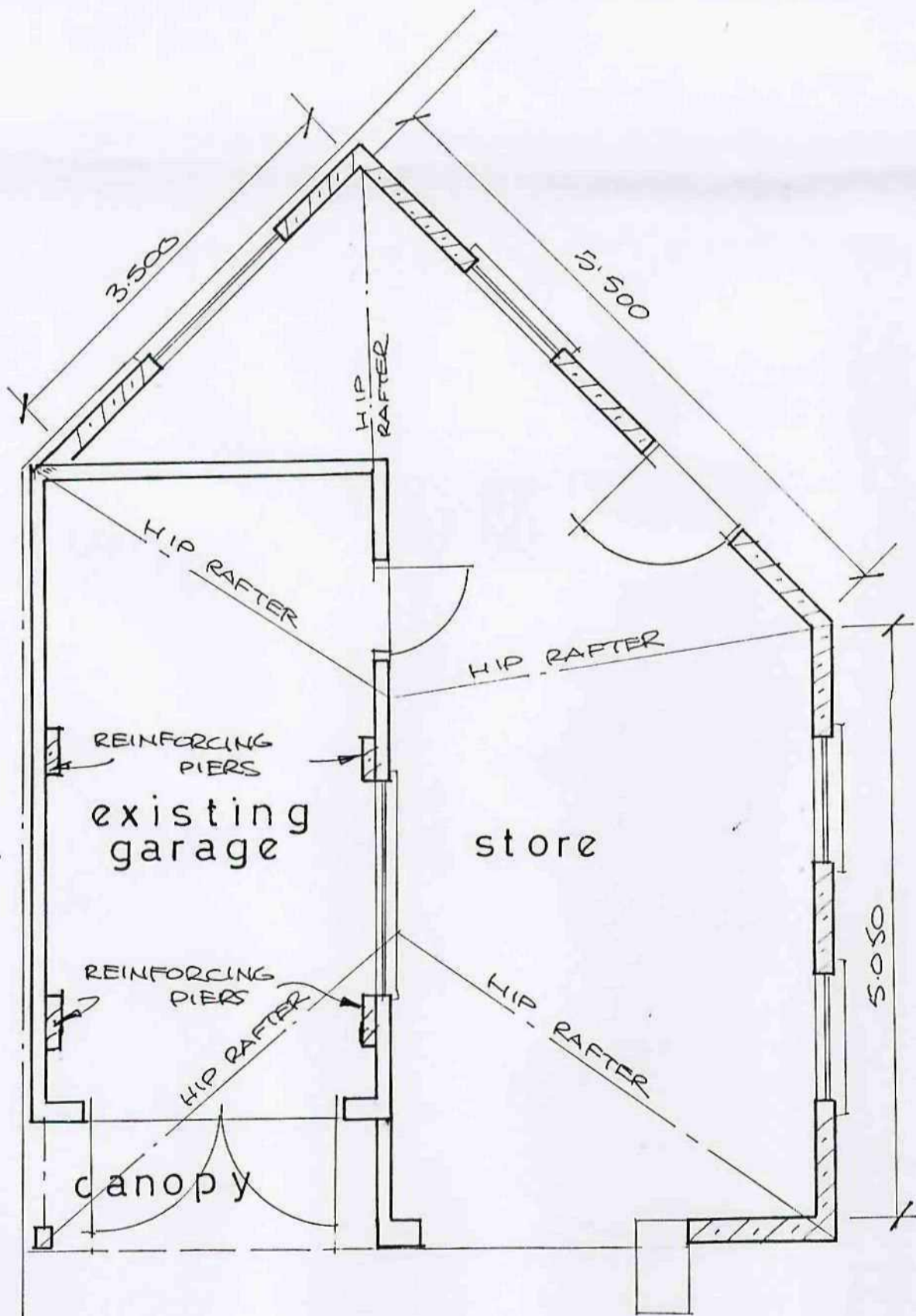
Rearward sloping roof clad with Eternit fibre cement asbestos free (non-combustible) sheets fixed with galvanised fittings; Roof panels supported on timber roof runners 70 x 70mm, planed and treated closer pitched and uPVC clad fascias

White horizontal rib, steel framed, powder coated, fully retractable up and over door

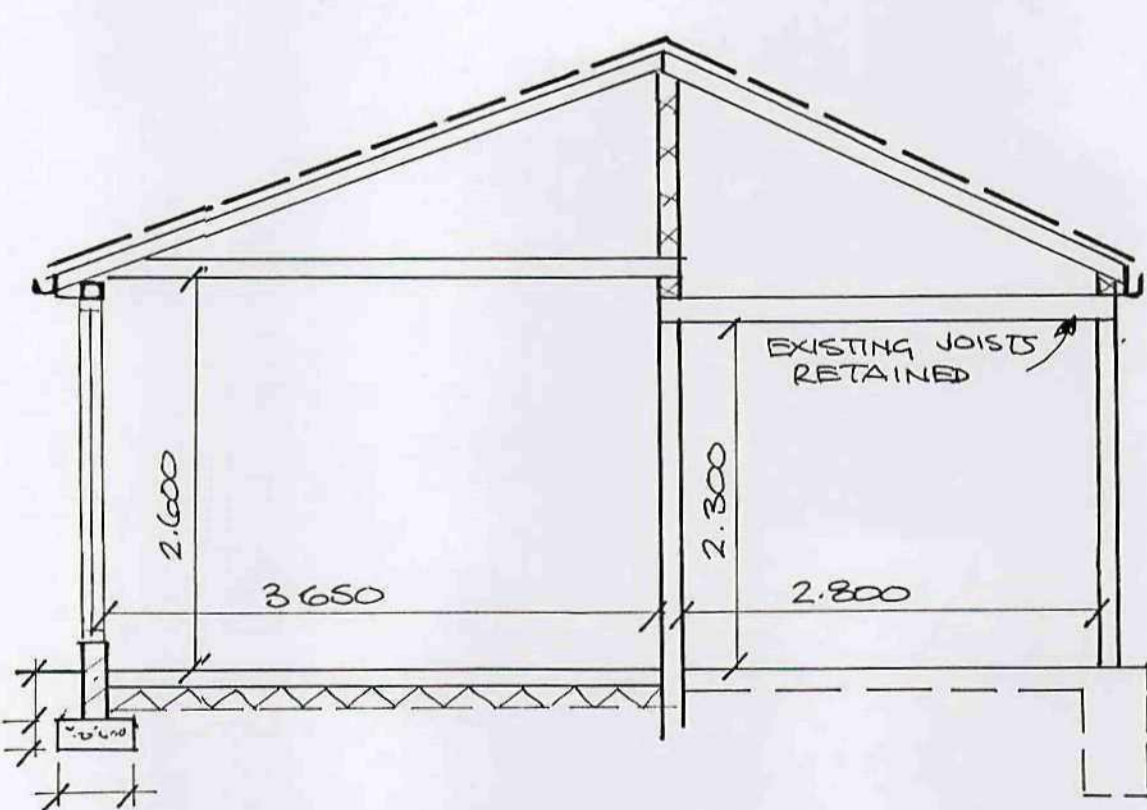
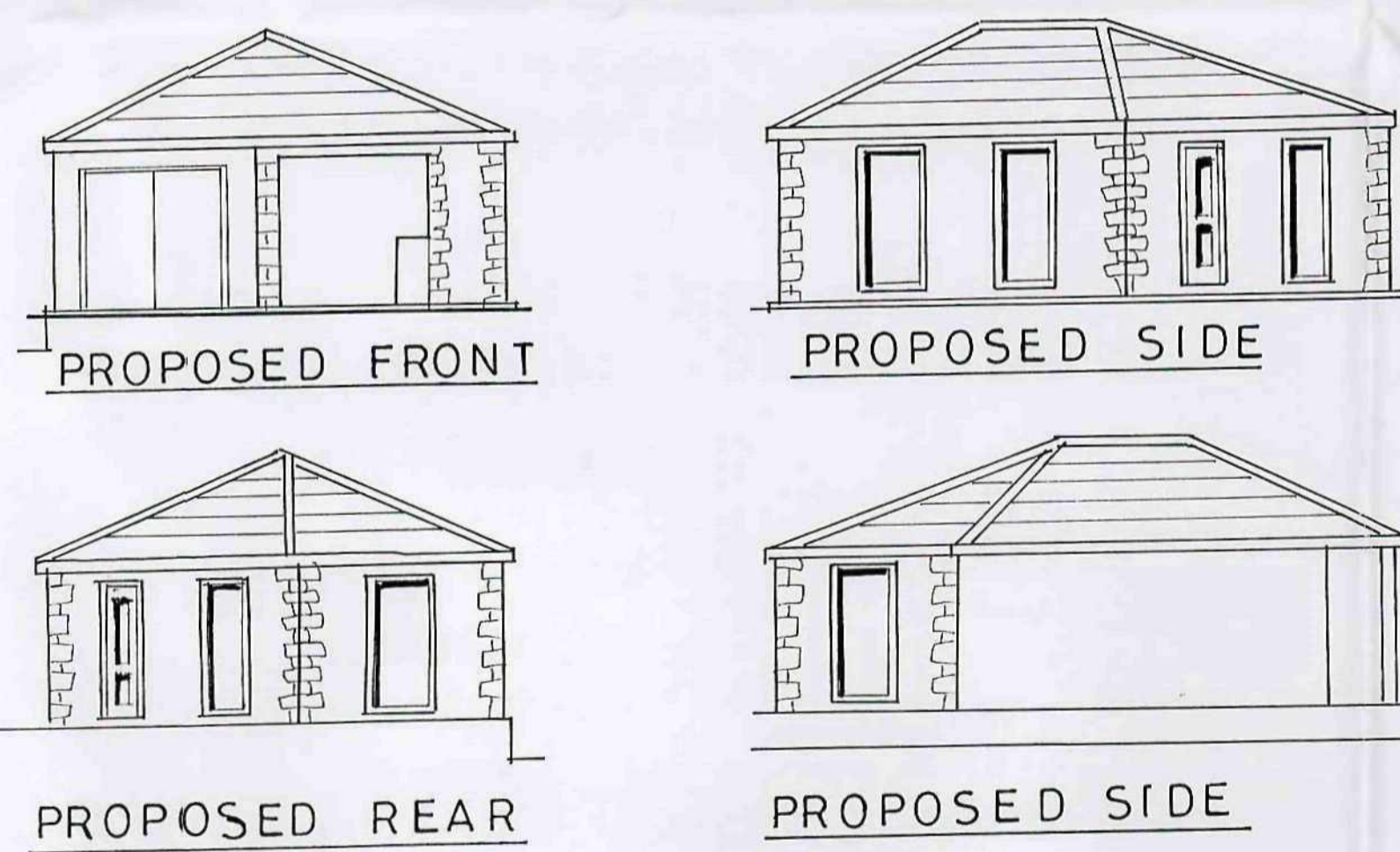
Floor slab to be 150 compacted thickness of selected hardcore and 100 thick structural concrete with 50 projection beyond edges of walls



LOCATION 1/1250

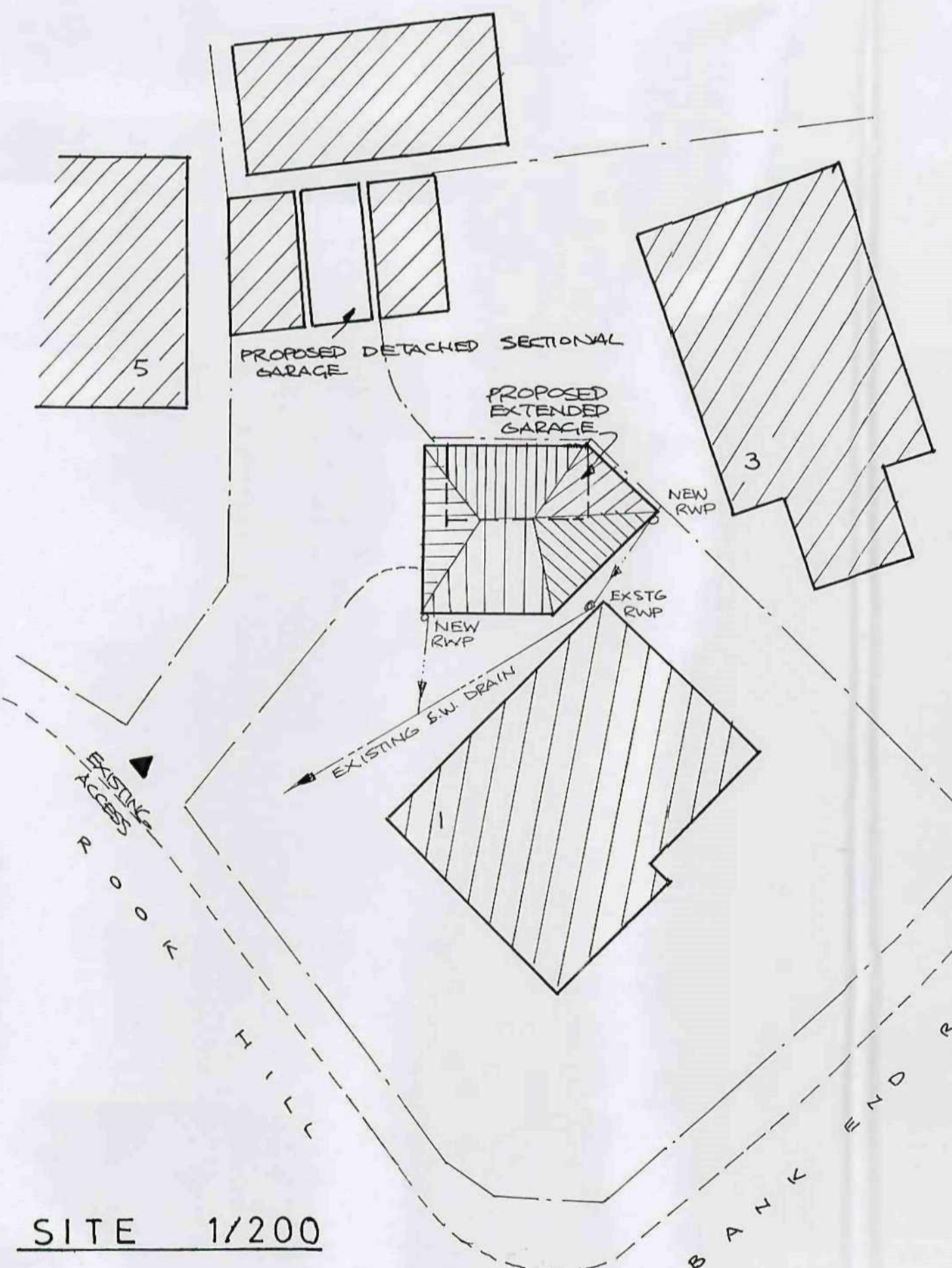


PROPOSED PLAN



SECTION

CHECK SUITABILITY OF EXISTING FOUNDATION FOR ADDITIONAL LOADS



SITE 1/200

**PROPOSED EXTENSION to GARAGE to FORM SHELTER and GARDEN STORE at No.1 ROOK HILL, WORSBROUGH DALE, BARNESLEY**

SCALES 1/50 and 1/100

CMR  
24 JUN 2008