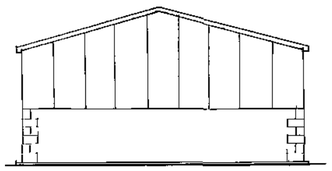
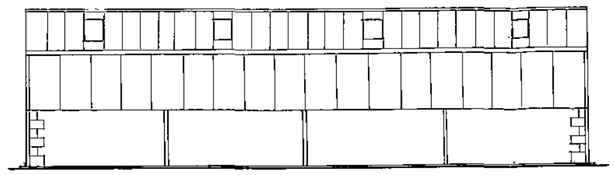


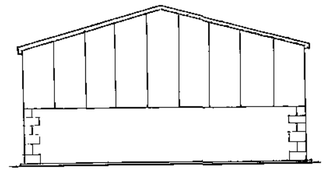
FRONT ELEVATION



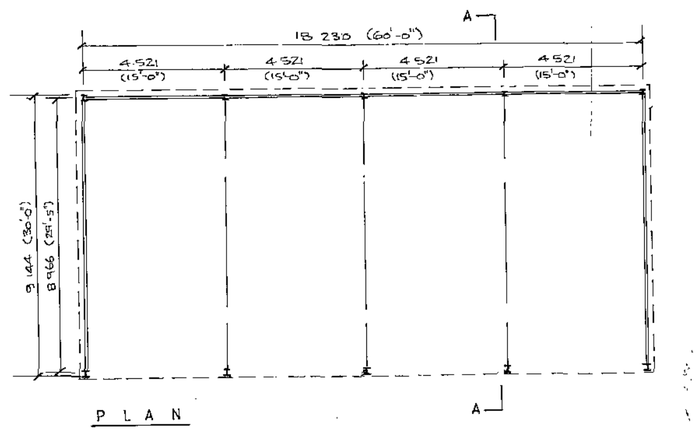
SIDE ELEVATION



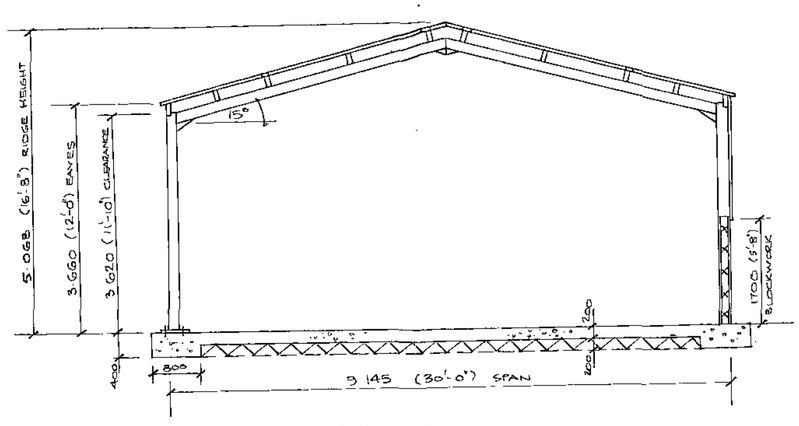
REAR ELEVATION [from Lane Head Road]



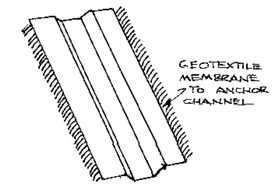
SIDE ELEVATION

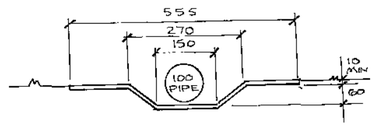


PLAN

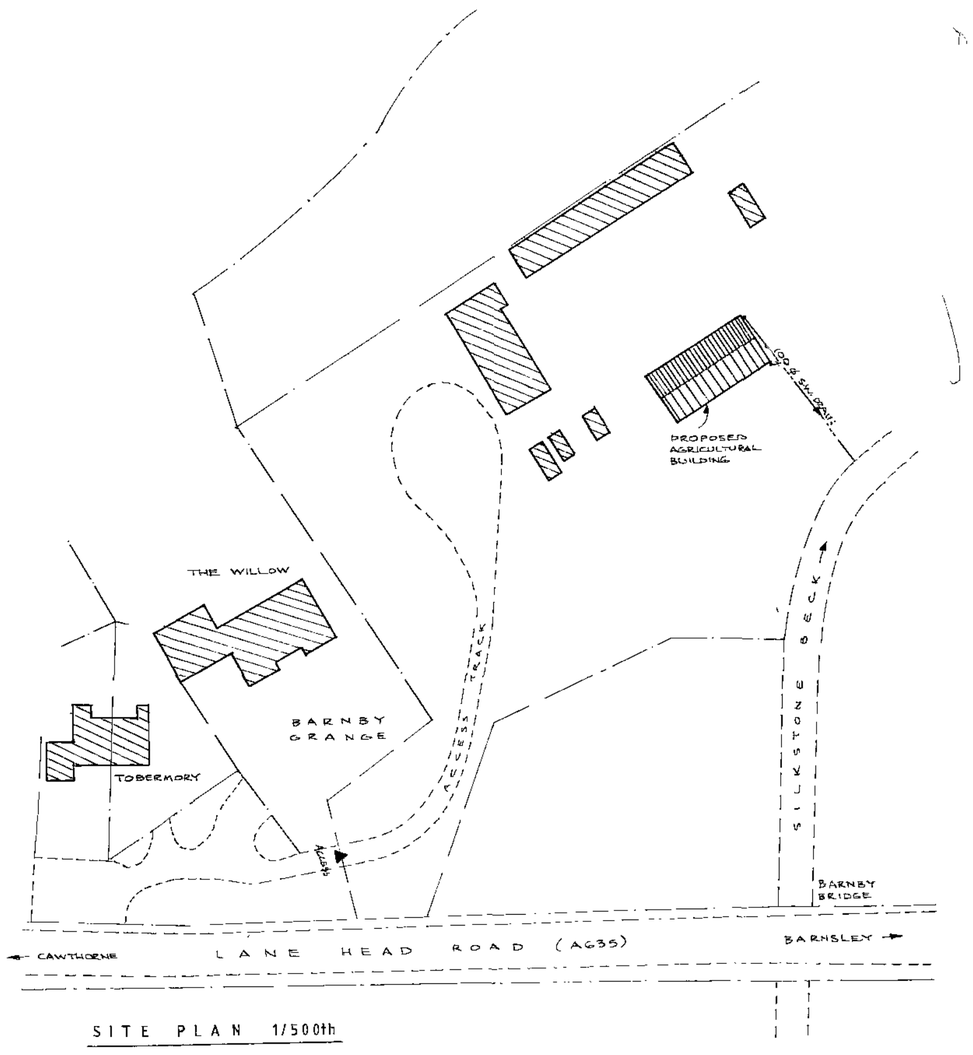


SECTION A–A





ANTI EROSION CHANNEL



SITE PLAN 1/500th

Agricultural Building

9.145 metre span proprietary portal frame building by Specialist Manufacturer designed to BS5502 Class II; 178 x 102 x 19kg/m UBs to columns and rafters; M16 high tension zinc plated connection bolts to portal frame members; 76 diameter OD tube roof bracing and 50 x 50 steel angle side bracing; roof panels fixed with top fix self-drilling screws to 175 x 75 treated timber purlins at 1.650 centres on 8mm thick steel angle cleats; **Calculations for steelwork to be provided by Specialist Manufacturer upon commencement of works and to be approved by Local Authority;** Natural grey fibre cement roof covering with 8 No. translucent roof light panels and fibre cement barge boards; each column fixed to concrete foundation by 4 No.M20 high tensile steel expanding bolts through 10mm thick baseplate; **Erection of structure by Specialist Manufacturer**

Side cladding to three sides of building to be Plastisol® PVC coated fully galvanised 0.5mm steel corrugated sheets to BA 32/100 profile with cover width of 1000mm; colour of sheets to be Juniper Green to BS 4800: 2011 Reference 12 B 27; bottom 1.700 metres of walls in 140 thickness of 3.5kN/m^2 concrete blockwork in English bond built between column flanges

Base slab to consist of 200 compacted thickness of selected hardcore under 200 thick structural concrete floor slab; floor slab thickened up to 400 x 800 under columns to extend 300 beyond edge of walls; **Final foundation design to be detailed by Specialist Manufacturer before commencement of works and to be approved by Local Authority**

Drainage

150 diameter half round gutters to discharge to 75 diameter downpipes to new drainage connection; 110 diameter solid plastic pipes to BSEN 1401-1:1998 at min 1 in 100 gradient; pipes and fittings to have patent push fit flexible joints and to be laid in 100 bed and surround of 10 single sized limestone; pipes to discharge to watercourse via proprietary glass reinforced concrete anti erosion channel by JKH Drainage Units Ltd; Geo-textile attached to the side flanges and covered with soil to promote vegetation growth and so form a permanent anchorage

- 6 MAR 2013

PROPOSED AGRICULTURAL BUILDING at WHITEACRES, off LANE HEAD ROAD, CAWTHORNE, BARNSLEY

SCALES 1/50th and 1/100th