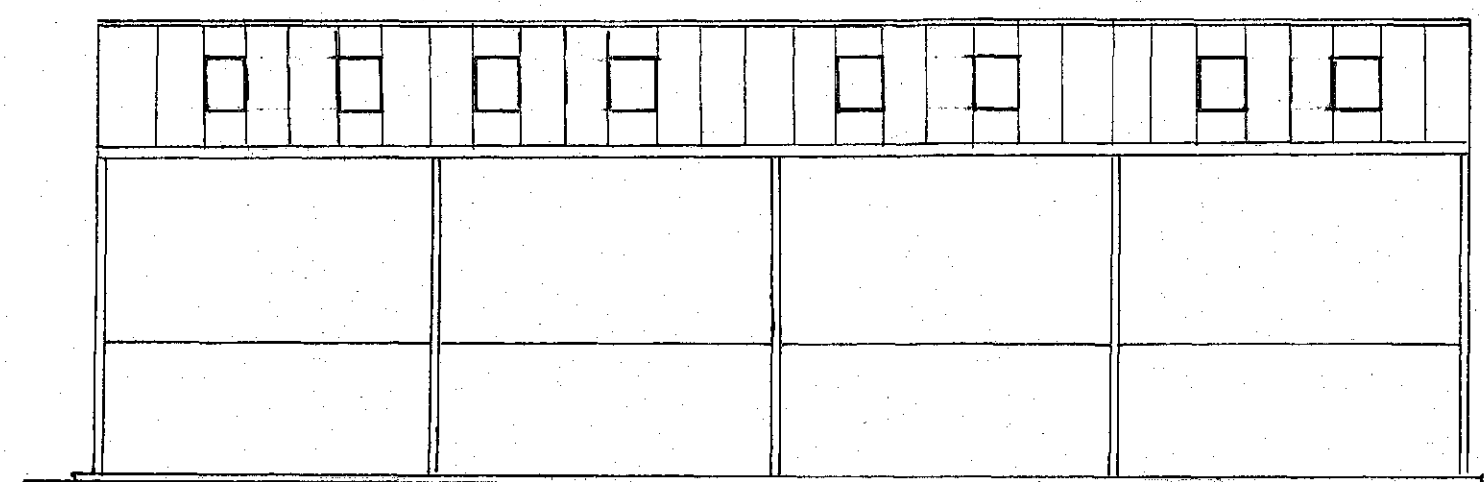
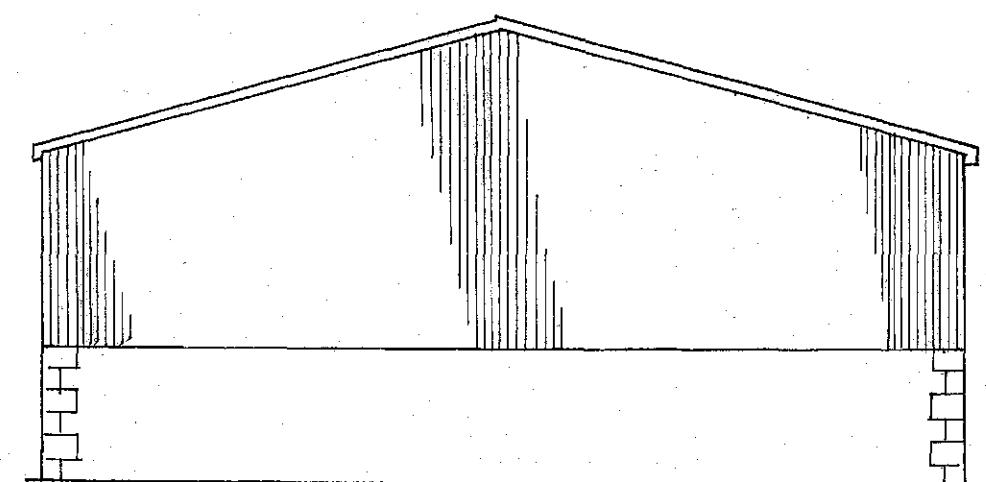
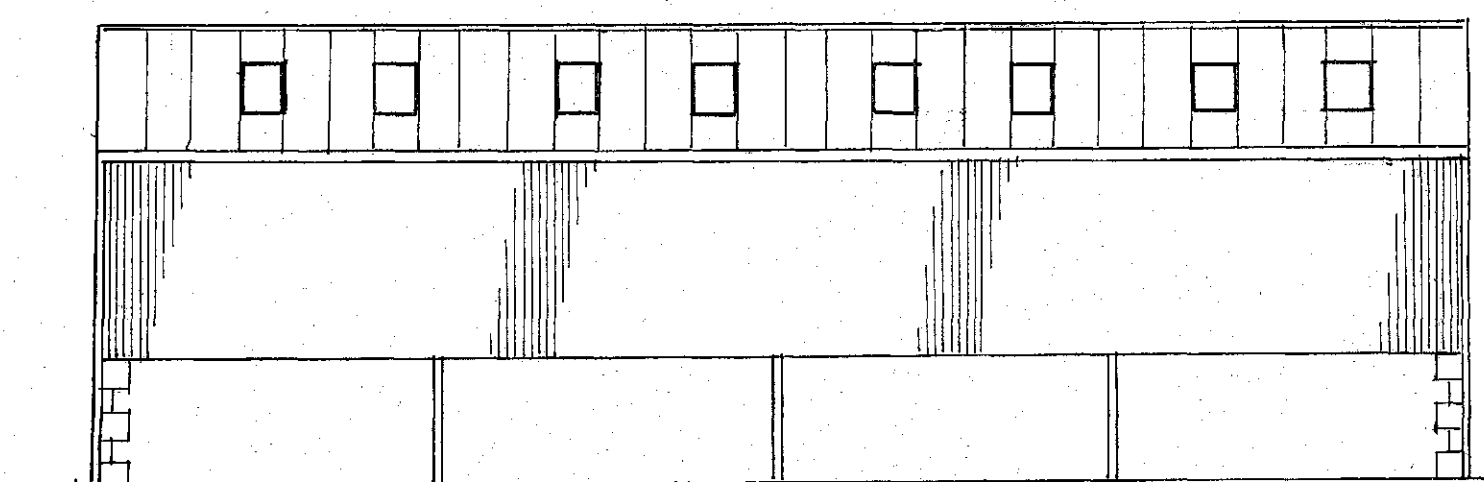




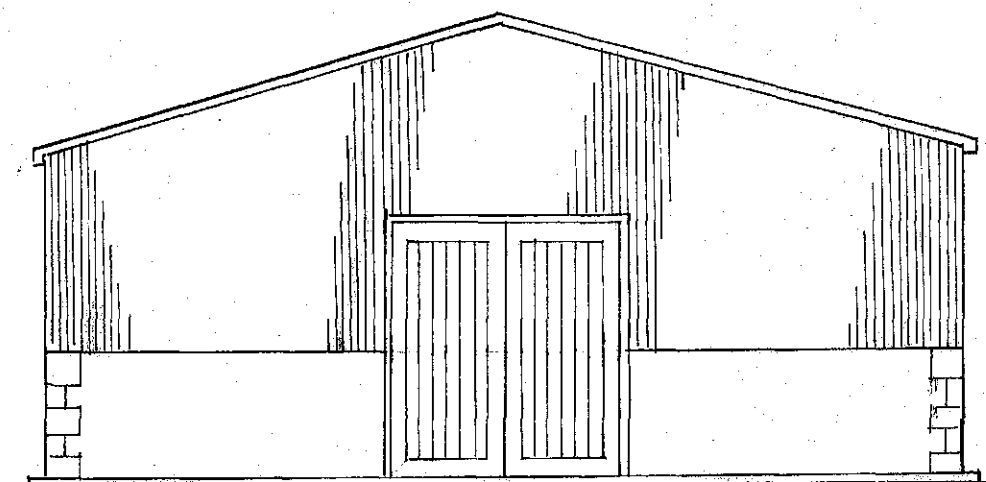
FRONT ELEVATION



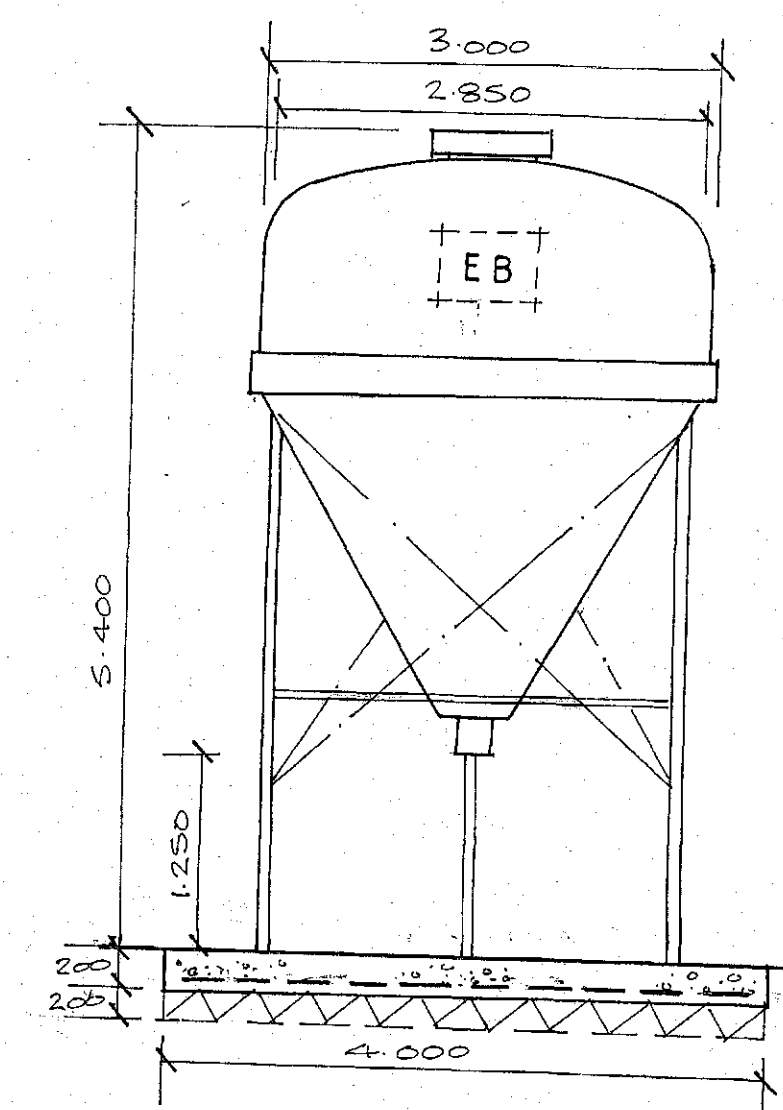
SIDE ELEVATION



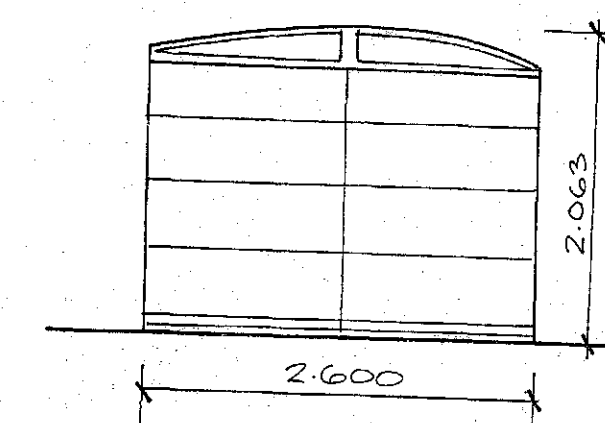
REAR ELEVATION



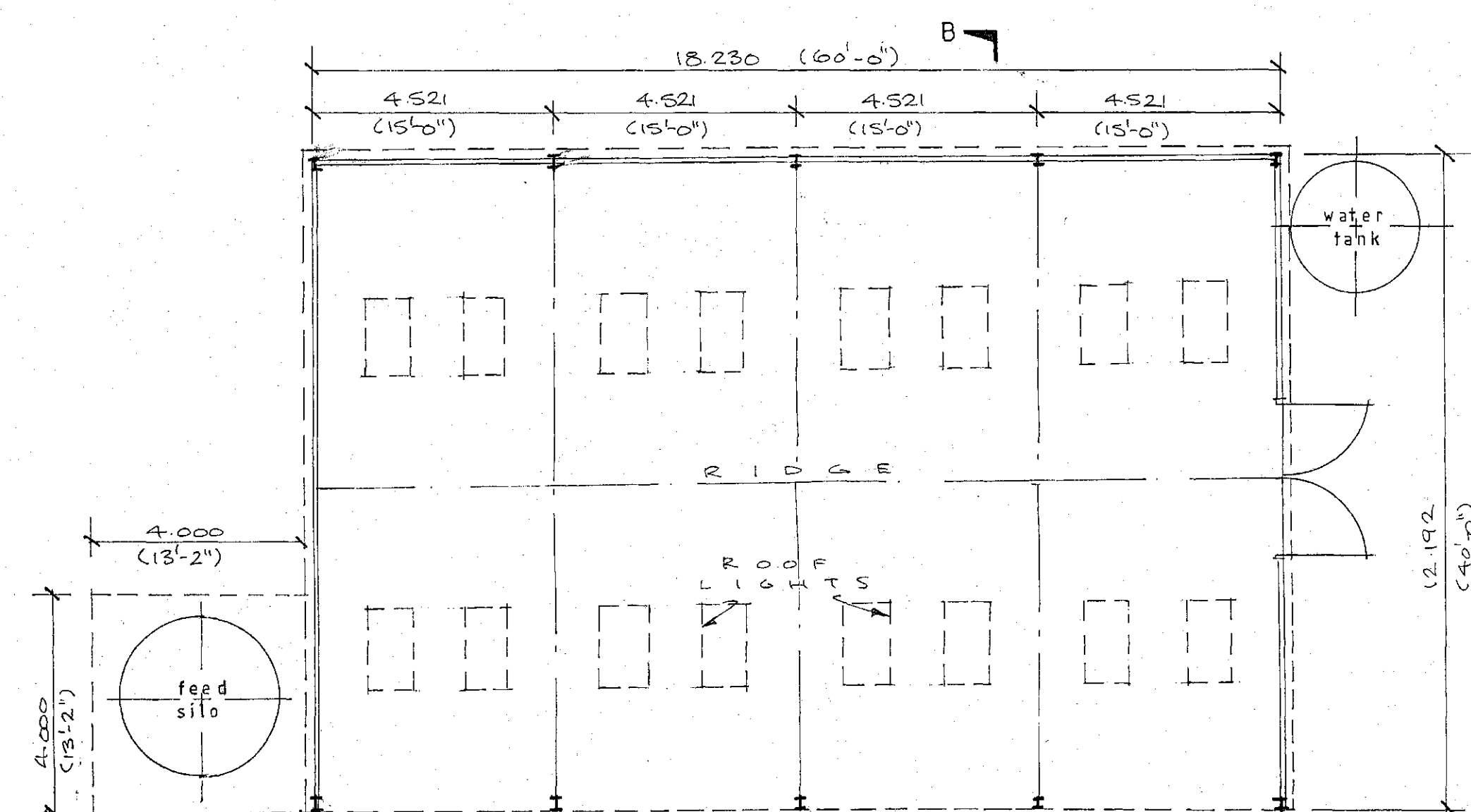
SIDE ELEVATION



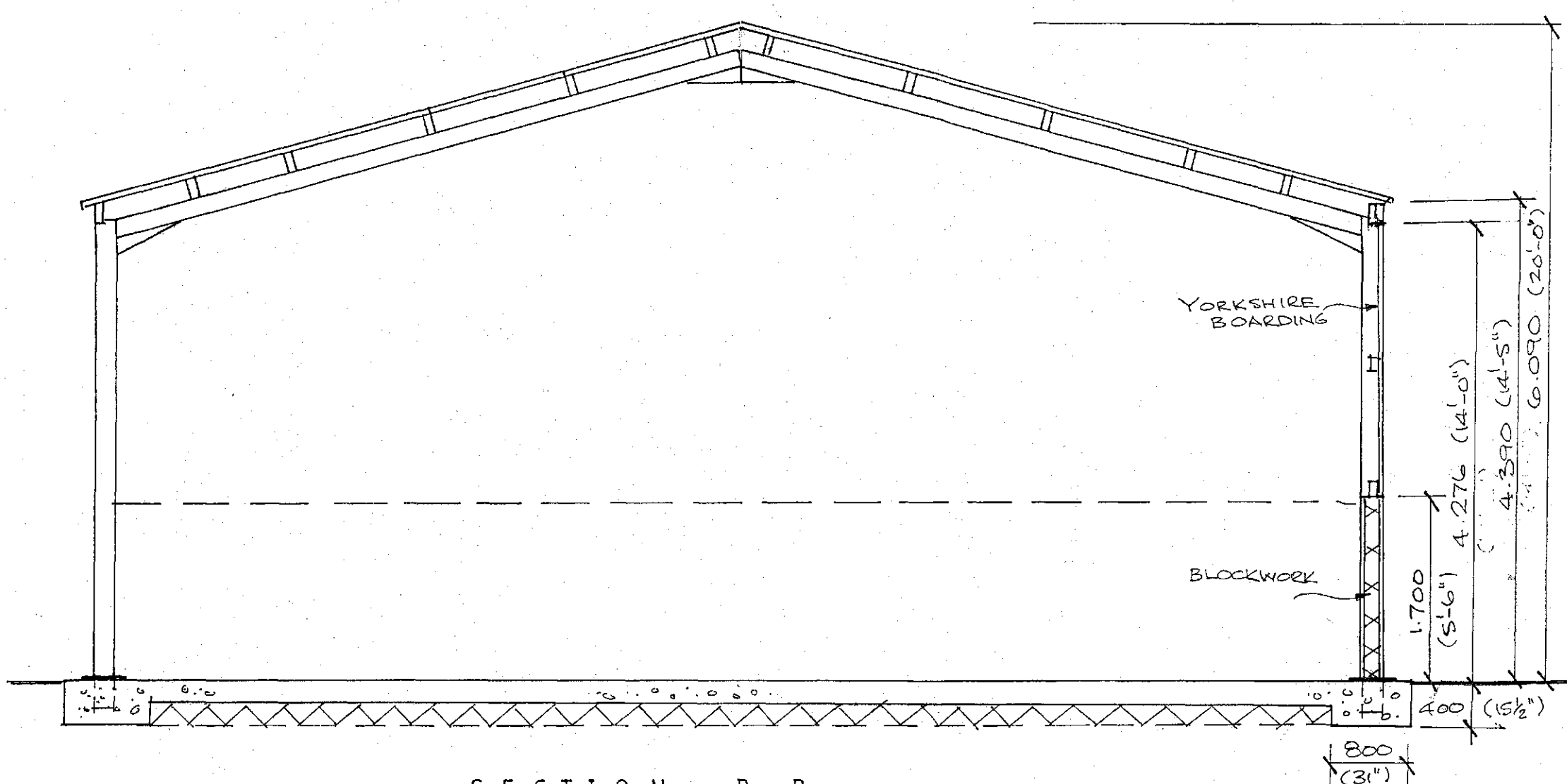
FEED SILO



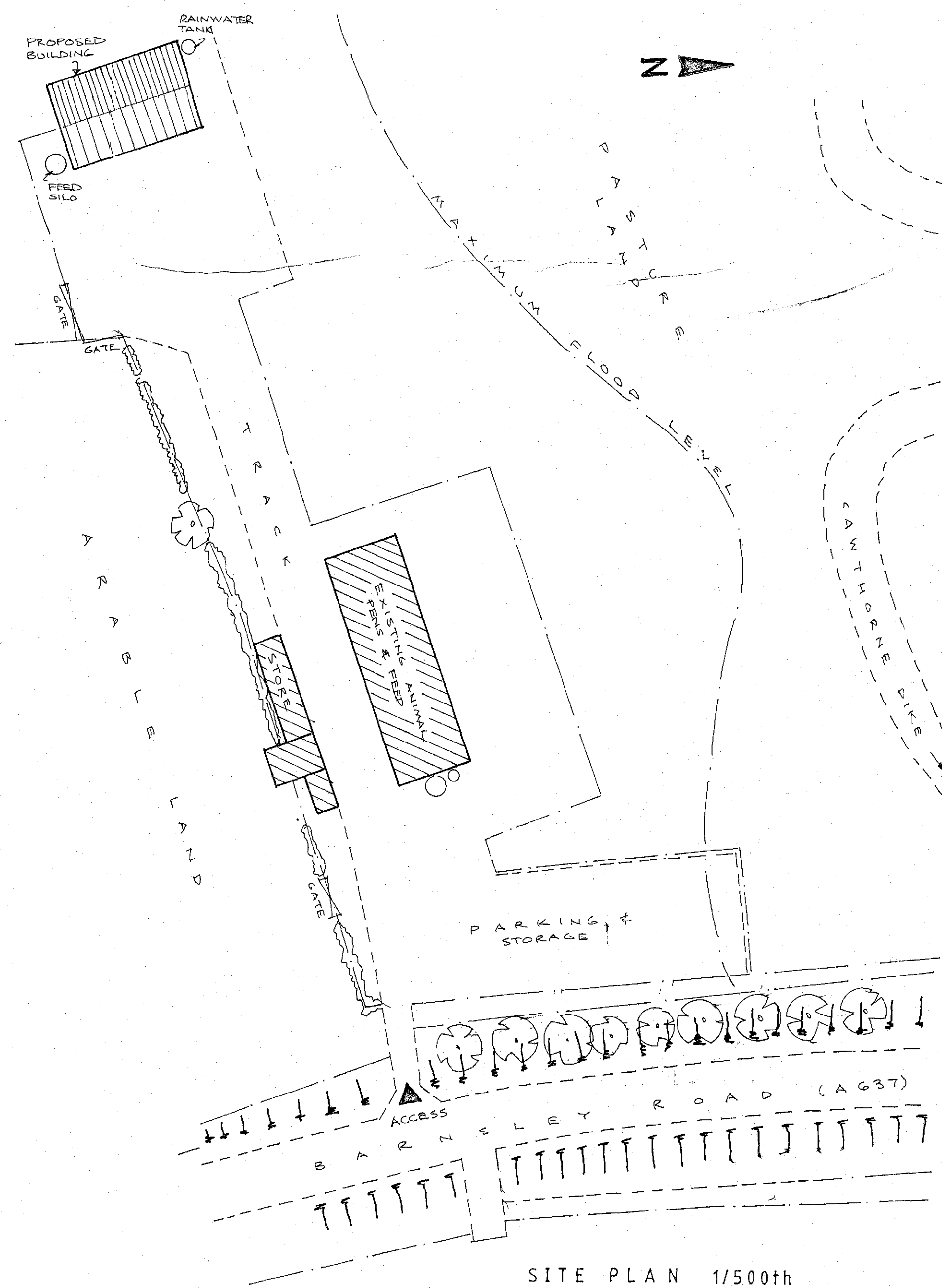
RAINWATER TANK



P L A N



SECTION B-B



SITE PLAN 1/500th

AGRICULTURAL BUILDING

12.192 metre span x 18.230 metre long proprietary portal frame building by specialist manufacturer designed to BS5502 Class II; 203 x 133 x 25kg/m UB columns, 178 x 102 x 19kg/m UB 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; fibre cement roof panels fixed using self-drilling screws to 175 x 75 treated timber purlins at 1.650 centres on 8mm thick steel angle cleats; natural grey fibre cement roof covering with 16 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. Calculations for steelwork to be provided by Specialist Manufacturer upon commencement of works

Side cladding to three sides of building to be 1.700 high walls in 140 thickness of 3.5kN/m² concrete blockwork in English bond built between column flanges off concrete slab; top 1.900 of wall clad with Yorkshire boarding; boarding to consist of 150 x 20 treated timber laths secured at the top, bottom and centre to a 150 x 75mm cladding rail with 25mm gaps between laths

One end to have 3.000 wide x 3.300 high timber ledged and braced doors in 100 x 100 timber frame

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

DRAINAGE

150 diameter half round gutters to discharge to 75 diameter downpipes to above ground unit water tank; tank to be a proprietary manufacture UV stabilised black Medium Density Polyethylene (MDPE) unit of 8500 litres capacity, 2.600 in diameter and 2.030 metres high

GRAIN SILO

10 tonne capacity with a maximum height of 5.400 metres and outside diameter of 3.000 metres; unit manufactured EB Equipment of Redbrook in glass reinforced plastic (GRP) translucent green in colour

BBC
CORPORATE RAIL ROOM
18 JUN 2014
Received by:
ORIGINAL COPY

PROPOSED AGRICULTURAL BUILDING,
FEED SILO and RAINWATER TANK at
LAND off BARNSELEY ROAD,
BARUGH GREEN, BARNSELEY
(OS Grid Ref: SE 31286 08860)

SCALES 1/50th and 1/100th