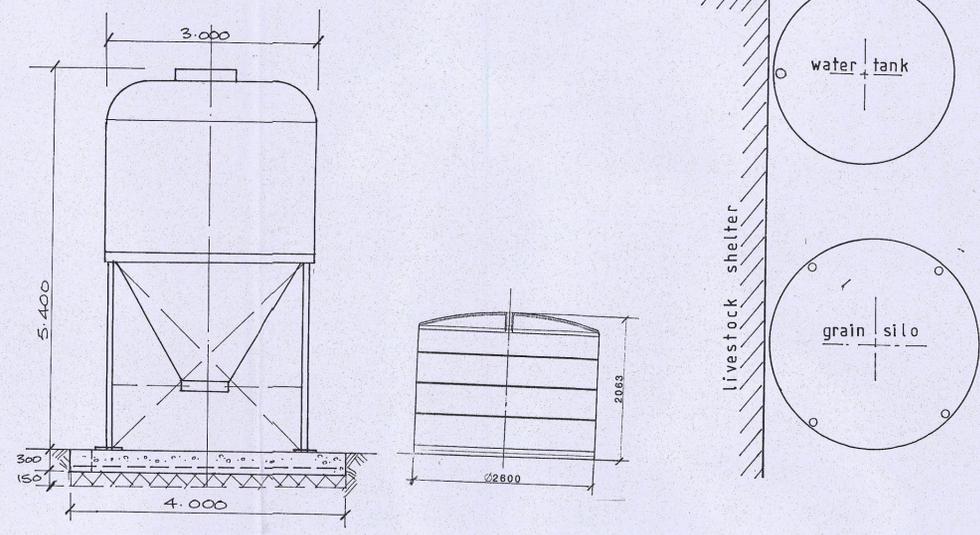
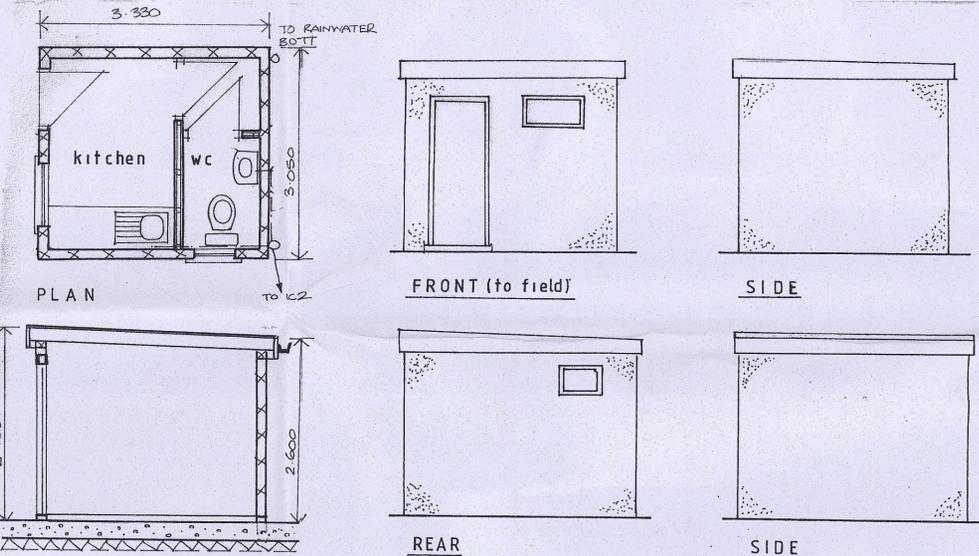


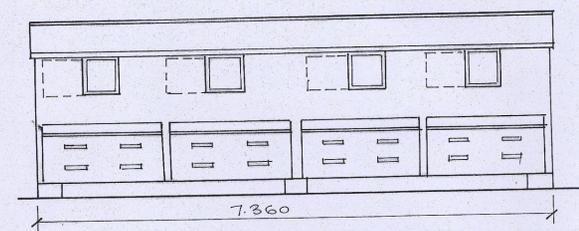
SITE PLAN 1:500th



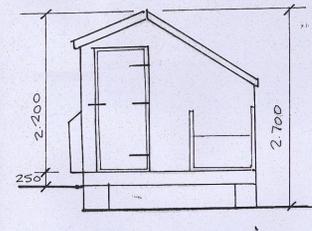
GRAIN SILO and WATER TANK 1/50th



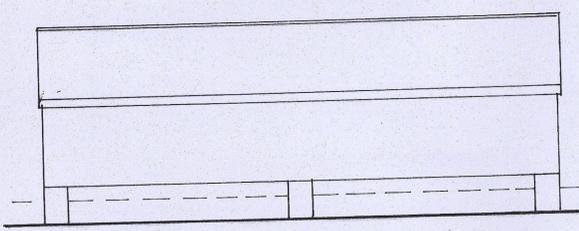
PROPOSED BUILDING - 1:50th



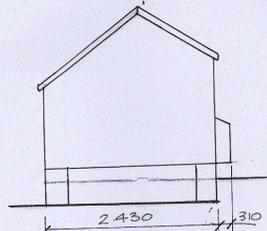
FRONT (to track)



SIDE

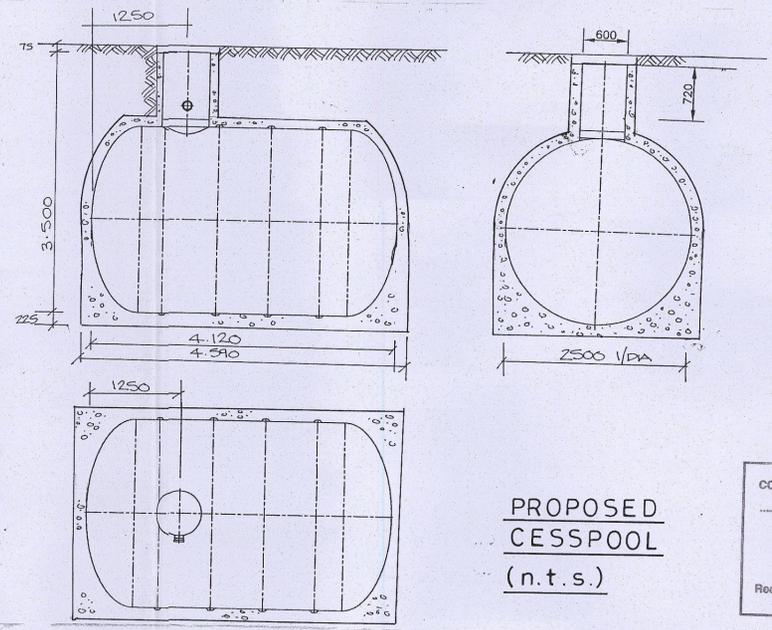


REAR



SIDE

CHICKEN COUP 1:50th



PROPOSED CESSPOOL (n.t.s.)

B.M.B.C.
CORPORATE MAIL ROOM.
29 JUL 2013
Received by:
ORIGINAL COPY

WELFARE BUILDING
ROOF: 13mm mineral chippings on 3 layers of built up felt with base layer of 3G felt on 25 chipboard to BS5669 Type 3; 147 x 50 joists at 450 centres in SC3 timber fixed to wallplate both ends; 100 x 75 treated wallplate fixed to blockwork at 1.8 metre centres with 30 x 5 x 1000 once bent galvanised mild steel straps; roof restrained laterally at 1/3 points using 30 x 5mm galvanised mild steel straps nailed across first 3 joists; 80 thick Kingspan Kooltherm K3 zero ODP rigid urethane insulation board laid on 10mm plasterboard between joists; 100 fall across joists, felt turned up fillets at roof edges; 200 x 19 PVCu fascia board with 110 square section rainwater gutter to 63 downpipe to rainwater butt

WALL: 150 thickness of 7N/sq.mm concrete blockwork rendered with 1:3 cement/sand mortar painted to match adjacent buildings; Naylor P140 prestressed concrete lintels to door and windows with minimum 150 end bearing; solid wall to be insulated by fixing 25 thick Kingspan Kooltherm K18 insulated plasterboard with 3mm plaster skim coating; insulation board 25 x 47 mm treated softwood timber battens on dpc strips with noggins at floor and ceiling level; walls built off 300 thick reinforced concrete slab which is to extend min 150 beyond edge of walls; slab built off min 150 compacted thickness of selected graded hardcore

Stud partition wall: 75 x 50 timber with 10mm plasterboard and 5mm plaster skim finish both sides; 25mm thickness of 10kg/cu.m mineral fibre bats secured to stud work;

WC: vented with window having obscure glazing and some part of opening light 1.750 above floor; Manually operated extraction fan with intermittent extraction rate of 6 litres/second operated from light switch with 15 minute overrun when light extinguished; Hot and cold water to sink and wash hand basin with hot tap

Kitchen area to have manually operated extraction fan with minimum 15 litres/second intermittent extraction rate

DRAINAGE: WC, handbasin and sink to discharge to 100 diameter SVP with 32 waste to handbasin, 38 waste to sink and 100 waste to WC; 75 deep seal traps to all fittings; SVP via slow radius rest band to IC on new drain to cesspool with balloon grating at top; 110 diameter solid plastic pipes to BSEN 1401-1:1998 at min 1 in 40 gradient; pipes to have patent push fit flexible joints and to be laid in 100 bed and surround of 10 single sized limestone; ICs to be 600 x 900 precast concrete units laid on 150 thickness concrete with bolt down airtight cast iron cover and frames

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; (40% of new lights to (utility room and study) to have energy efficient fittings

No fixed heating system to be installed in welfare building

CESSPOOL
 The Environment Agency has refused to grant an Environmental Permit for the site due to the presence of protected species in the adjacent watercourse. The unsuitability of ground for sub surface disposal of treated effluents means the use of a cesspool is the only viable solution.

Condor CP18.0 - 18,000 litre proprietary manufacture cesspool constructed from non-corrosive material in accordance with BSEN12566-1; cesspool located 7 metres away from buildings adjacent to access track;

Cesspool bedded and surrounded in 225 lightly compacted structural concrete grade 20 to 30N/sq.mm at 28 days with 25 to 50mm slump; air tight locking manhole cover and frame to unit

Installation is to be in accordance with manufacturer's specifications and to comply with Part H of Building Regulations checked and approved by the Local Authority Building Control.

Copies of a notice are to be clearly displayed within building connected to the PTP worded as follows: - "The foul drainage system from this property is served by a cesspool. The cesspool will be emptied either annually or when required if earlier by a licensed contractor and will be inspected fortnightly for overflow. The owner is legally responsible to ensure that the system does not cause pollution, a health hazard or a nuisance

GRAIN SILO
 7 tonne nominal capacity unit manufactured by EB Equipment of Redbrook in translucent green UV stabilised glass reinforced plastic; all steelwork to be hot dipped galvanised steel; 102 diameter fill pipe and 160 diameter ventilation pipe to maintain internal ambient temperature; 440 diameter outlet and stainless steel gate valve and extension chute

CHICKEN COUP
 Proprietary manufacture 7.360 x 2.430 x 2.200 high timber unit fixed on skids; walls clad in 100x 25 tanalised timber boards with corrugated fibre cement board roof covering;

WATER TANK
 Above ground unit fed by the rainwater gutter from the livestock sheds; proprietary manufacture UV stabilised Medium Density Polyethylene (MDPE) tank 8500 litres capacity 2.600 in diameter and 2.060 metres high with 620mm screw lid inlet

Silo and water tank built off 4000 x 4.000 x 300 thick 35 N/mm² compressive strength concrete on 150 compacted thickness of graded hardcore; one layer of A393 mesh reinforcement placed 50mm from bottom of concrete

PROPOSED WELFARE FACILITIES with CESSPOOL; GRAIN SILO, WATER TANK and CHICKEN COUP at LAND off BARNSELY ROAD, BARUGH, BARNSELY (OS Grid Ref: SE 31286 08860)