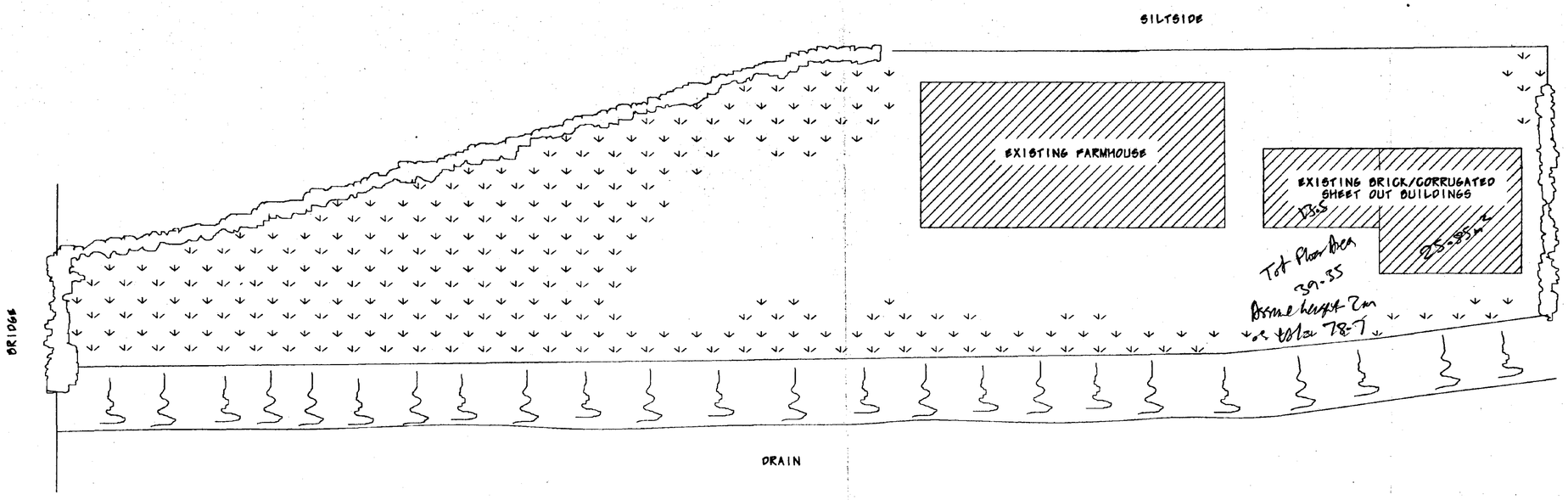
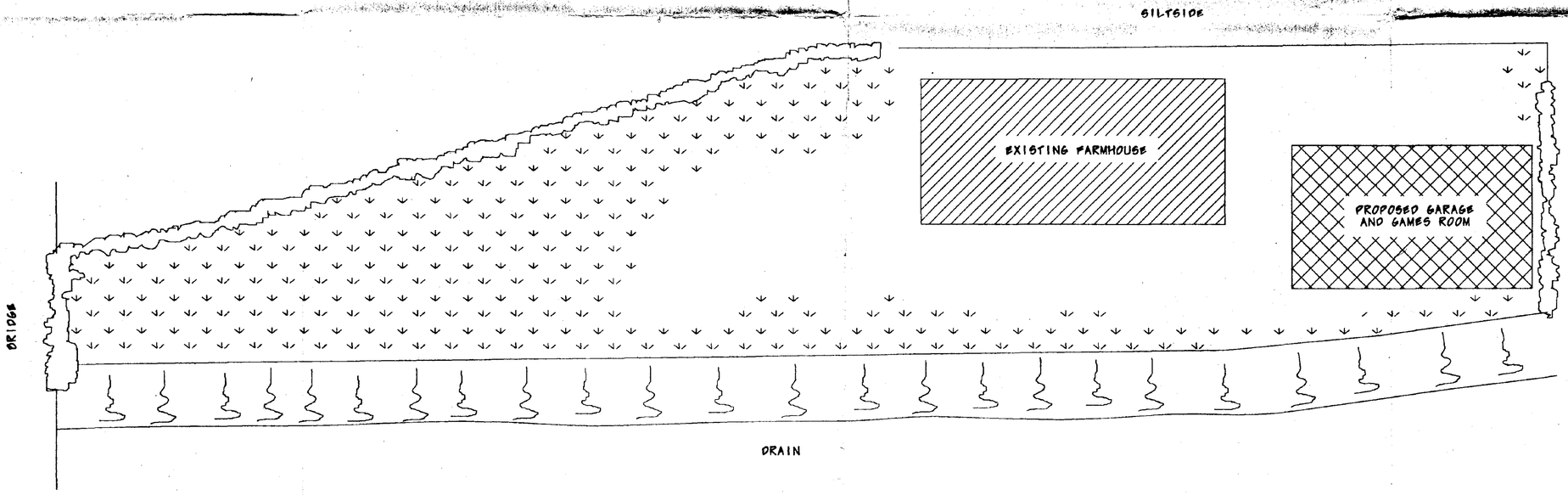


EXISTING SITE PLAN



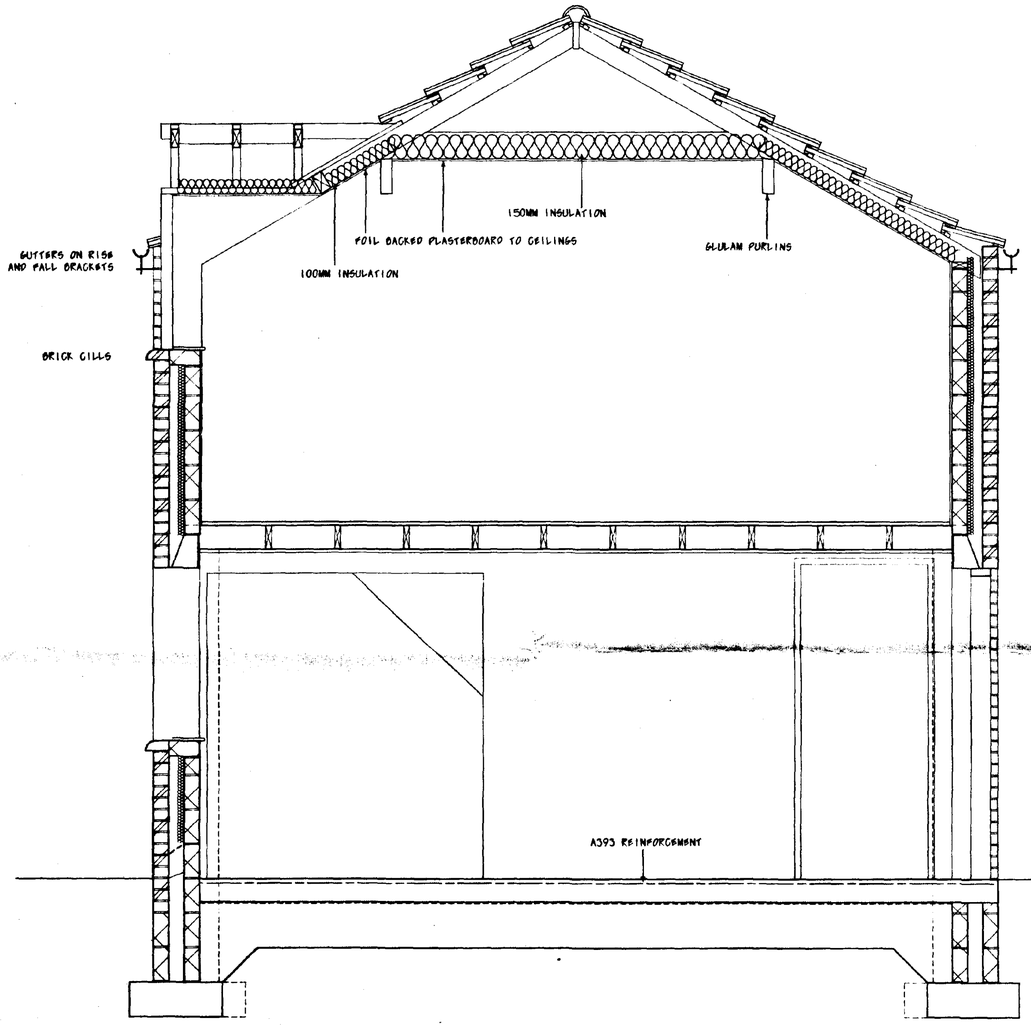
PROPOSED SITE PLAN

SOUTH HOLLAND D.C.
PLAN DEPT.
01 MAR 1995
REF ...0229.195...

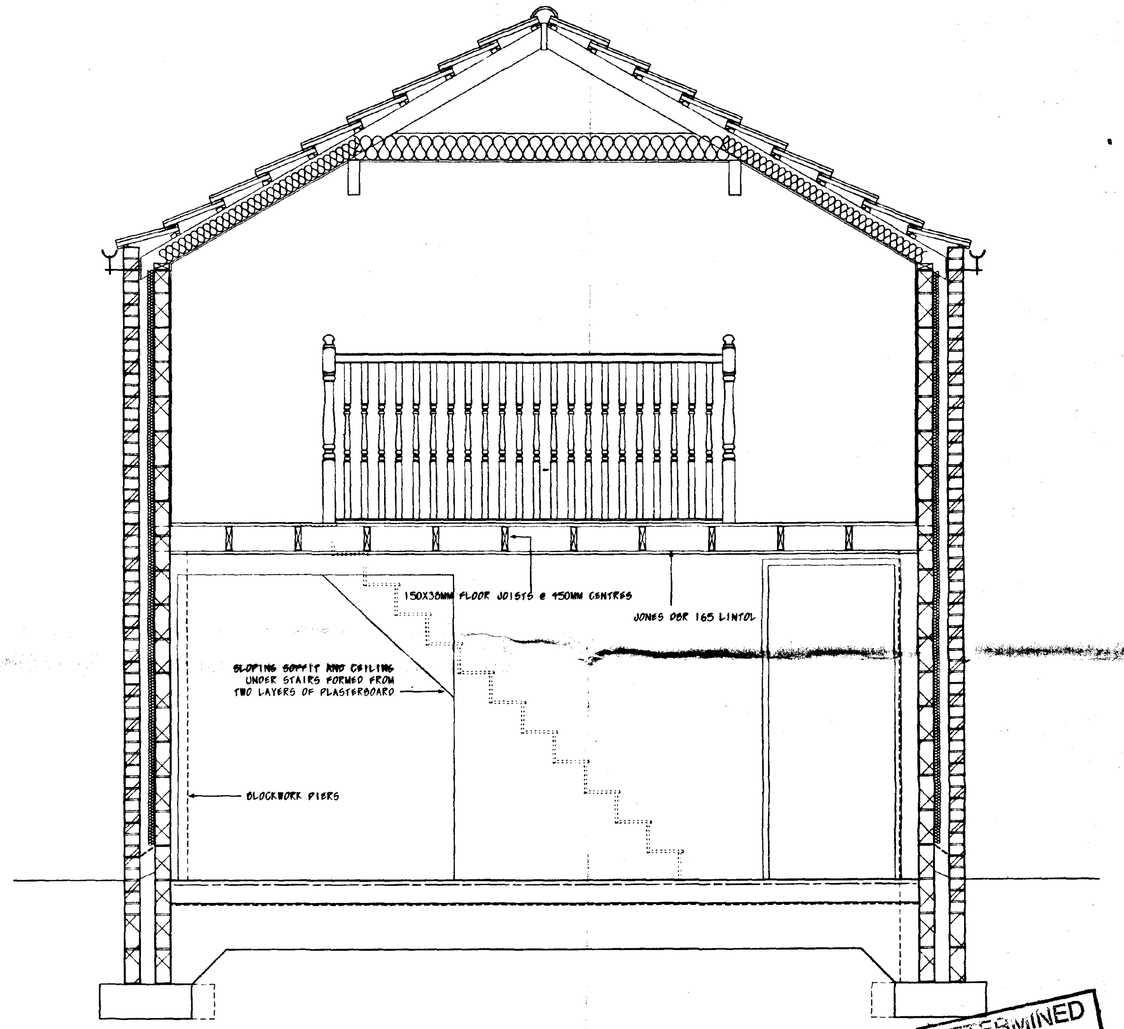
DETERMINED PLAN

SITE PLANS 1:100

DETATCHED GARAGES AND GAMES ROOM AT 5 SILTSIDE GOSBURTON RISEGATE FOR MISS S BARTRUM FEB 1995



SECTION A–A



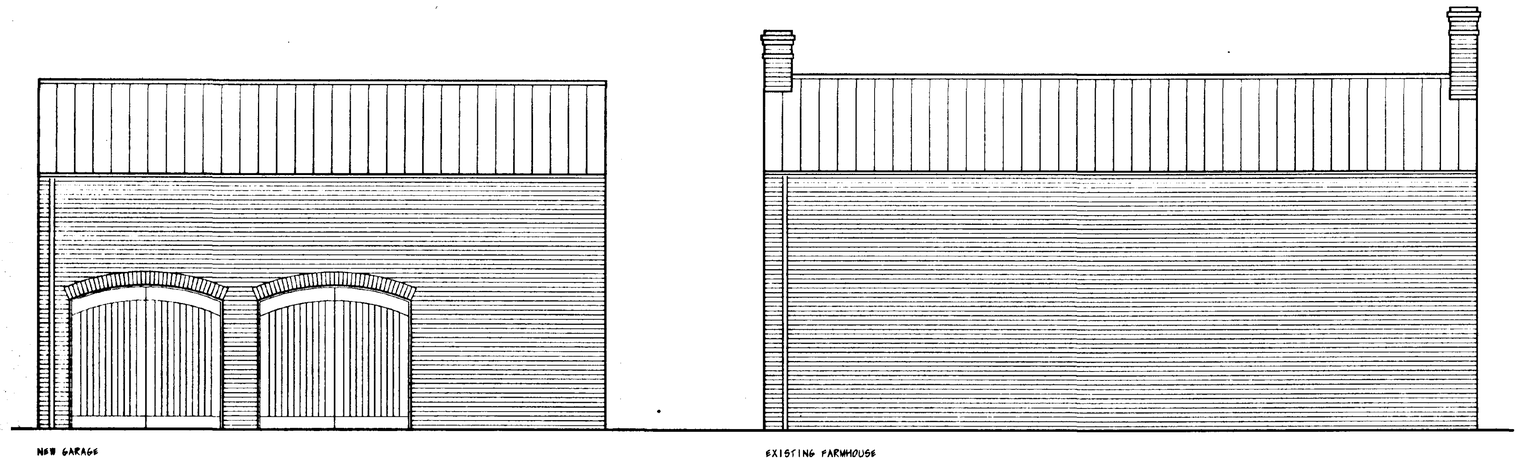
SECTION B–B

DETERMINED PLAN

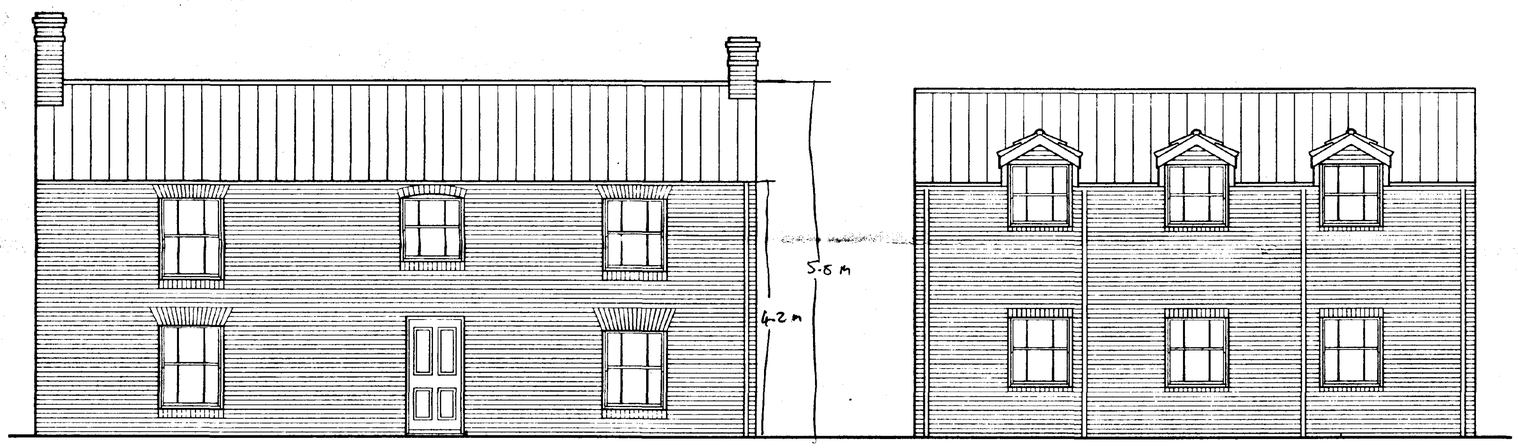
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FILE ... A.
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REF ...0229/95

SECTIONS 1:20

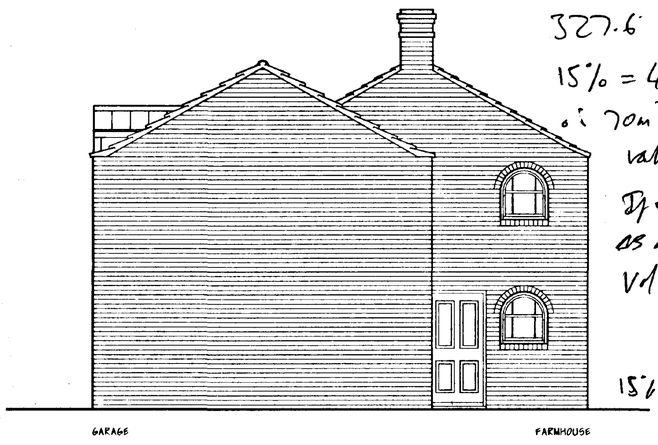
DETATCHED GARAGES AND GAMES ROOM AT 5 SILTSIDE GOSBURTON RISEGATE FOR MISS S BARTRUM FEB 1995



PROPOSED NORTH ELEVATION



PROPOSED SOUTH ELEVATION



PROPOSED EAST ELEVATION

Voldhave 08

327.6

15% = 49.14m³

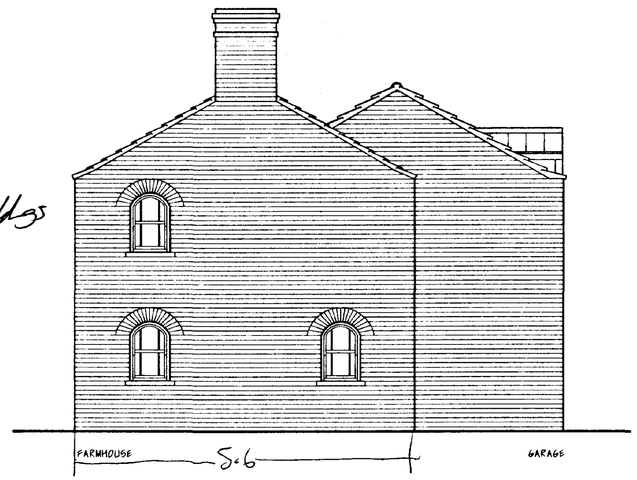
ie 70m³ as appropriate value

Deduct counter attachings as agreed

V1 = 327.6 + 78.7

= 406.3

15% = 60.945 m³



PROPOSED WEST ELEVATION

ROOF COVERINGS:
MARLEY MENDIP CONCRETE INTERLOCKING TILES IN MOSBOROUGH RED MIN 75MM HEAD LAP ON 38X25MM TANALISED BATTENS AT 345MM GAUGE. BATTENS FIXED ONTO UNTEARABLE FELT TO BS 747 TYPE 1F WITH MIN 150MM LAPS AT ALL JOINTS AND LAPPED INTO GUTTERS. STANDARD TILES TO BE CUT ADJACENT TO VALLEYS; LAID ON COUNTER BATTENS PARALLEL TO VALLEY; FELT UNDERLAY LAPPED MIN 230MM EITHER SIDE OF VALLEY AND COVERED BY MARLEY CONCRETE TROUGH VALLEY TILE, CUT ROOF TILES BEDDED IN MORTAR ONTO TROUGH VALLEY TILE -MIN 100MM BETWEEN STRUCK MORTAR FACES.

ROOF STRUCTURE:
50X125MM SC3 RAFTERS @ MAX 600MM CENTRES, 50X175MM SC3 CEILING TIES @ 600MM CENTRES, 175X50MM RIDGE BOARD. 75X38MM WALL PLATE SECURED AT MAX 2000MM CENTRES WITH 30X5MM GALVANISED MS STRAPS TAKEN DOWN WALL FACE MIN 450MM. TWO GLULAM PURLINS BUILT INTO GABLE WALLS, SIZES AND DESIGN CALCULATIONS TO BE PROVIDED BY MANUFACTURER AND SUBMITTED TO LOCAL AUTHORITY BEFORE WORK ON ROOF COMMENCES. 100MM DEEP INSULATION BATTENS LAID BETWEEN ROOF JOISTS ON FOIL BACKED 12.5MM PLASTERBOARD, 25MM CLEAR AIR SPACE TO BE LEFT OVER ROOF INSULATION AND MAINTAINED AT EAVES WITH PROPRIETRY EAVES VENTILATORS.

DORMA ROOF CONSTRUCTION:
COVERINGS AS MAIN ROOF. DOUBLE RAFTERS TO SIDES OF DORMA OPENINGS IN MAIN ROOF, HEADS OF OPENINGS TRIMMED WITH 125X75MM. DORMA RAFTERS 75X50MM @ 400MM CENTRES AND 75X50MM CEILING JOISTS ONTO 100X38MM WALL PLATE OVER CHEEKS CONSTRUCTED OF 100X38MM STUDS @ 400MM CENTRES, CHEEKS FACED EXTERNALLY WITH 18MM MARINE GRADE PLYWOOD BEHIND CODE 4 LEAD SHEET, MIN 150MM LAPS AT ALL JOINTS. 100MM INSULATION BATTENS BETWEEN CEILING JOISTS AND DORMER CHEEKS, ALL LINED INTERNALLY WITH 12.5MM FOIL BACKED PLASTERBOARD.

EAVES:
TOP BRICK COURSE TO BE AIR BRICKS WITH VERTICAL JOINTS LEFT CLEAR TO GIVE EQUIVALENT OF 10MM CONTINUOUS VENTILATED OPENING ALONG EAVES TO ROOF. RISE AND FALL BRACKETS FOR RAINWATER GOODS TO BE FIXED INTO SECOND HORIZONTAL JOINT BELOW AIR BRICK COURSE.

INTERNAL WALLS AND FLOORS:
100MM BLOCKWORK WALLS, PC CONCRETE LINTOLS OVER OPENINGS MIN 150MM END BEARING EACH END. FLOOR JOISTS 150X38MM SPANNING BETWEEN JONES SUPERLINTEL 2000 OR 165'S TO BE SUPPORTED INTO EXTERNAL WALLS ON BLOCKWORK PIERS TO GIVE MIN 225MM END BEARING BOTH ENDS, GARAGE CEILING LINED TWO LAYERS 12.5MM PLASTERBOARD WITH STAGGERED JOINTS.

EXTERNAL WALLS:
102MM EXTERNAL FACING BRICKWORK, 100MM CAVITY 50MM CLEAR AIR SPACE AND 50MM HAVAPLAS EXPANDED POLYSTYRENE BOARD AGREMENT NO. 86/1732 WITH PROPRIETRY FIXINGS, 100MM AERATED -400KG/M³ BLOCK INTERNAL LEAF -WITH 13MM LIGHTWEIGHT PLASTER SKIM INTERNALLY TO FIRST FLOOR AND STAIRWELL.WALLS TIED WITH GALVANISED STEEL BUTTERFLY TIES AT 900MM HORIZONTAL AND 450MM VERTICAL CENTRES-AND AT EVERY BLOCK COURSE ADJACENT TO OPENINGS. CAVITY CLOSED AT HEAD BELOW WALLPLATE, AND AT HEADS, CILLS AND JAMBS OF ALL OPENINGS. CONTINUOUS DPC'S TO BOTH LEAVES, MIN 150MM ABOVE FINISHED GROUND LEVEL, DPC'S TO ALL CAVITY CLOSINGS AROUND OPENINGS. CAVITY FILLED WEAK MIX CONCRETE BELOW GROUND LEVEL AND HAUNCHED TO EXTERNAL FACE. ALL LINTOLS TO DOOR AND GROUND FLOOR WINDOW OPENINGS IN EXTERNAL WALLS TO BE CATNIC OR SIMILAR TYPE WITH INTEGRATED CAVITY TRAY, ALL TO HAVE MIN 150MM END BEARING BOTH ENDS. GARAGE DOOR OPENINGS TO HAVE CATNIC CAVA LINTOL WITH INTEGRAL ARCH FORMERS.

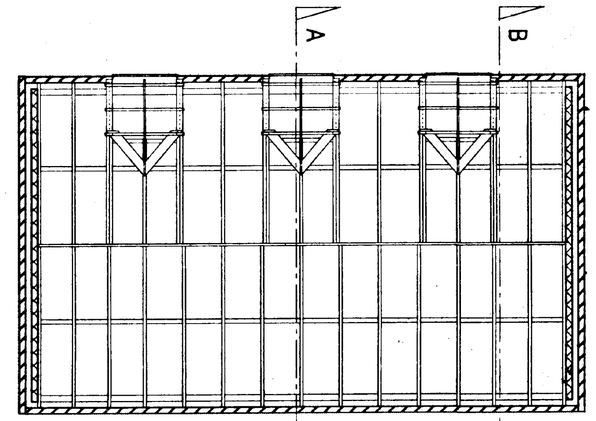
WINDOWS AND DOORS:
SPECIAL MADE SW SASH WINDOWS TO MATCH FARMHOUSE, TO GIVE MIN 1/20 OF FLOOR AREA OPENING LIGHTS, MIN 9000MM DRAUGHT FREE TRICKLE VENTS TO HEADS. GARAGE/STAIR LOBBY DOOR AND FRAME TO BE HALF HOUR FIRE RATED INCLUDING INTUMESCANT STRIPS IN FRAME OR DOOR AND TO BE FITTED WITH SELF CLOSING DEVICE.

STAIRS:
SINGLE STRAIGHT FLIGHT TIMBER STAIRS, 12 NO RISERS @ 194MM AND 220MM GOINGS, 900MM WIDE FLIGHT WITH HANDRAIL ONE SIDE AT 900MM ABOVE PITCH LINE, GALLERY RAIL AROUND OPEN STAIRWELL AT FIRST FLOOR TO BE 1100MM ABOVE FINISHED FLOOR.

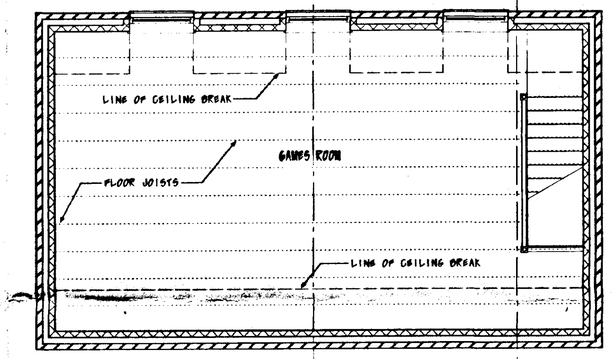
GROUND FLOOR CONSTRUCTION:
150MM CONCRETE WITH TWO LAYERS A393 MESH TO TOP-MIN 25MM COVER-ON 250 MICRON VISQUEEN DPM ON 25MM SAND BLINDING OVER MINIMUM 150MM WELL COMPACTED CLEAN STONE HARDCORE.

FOUNDATIONS:
GENERALLY 600X225MM STRIP FOUNDATIONS TO EXTERNAL WALLS AND 450X225MM TO INTERNAL WALL 1:3:6 CONCRETE 14N/MM², FOOTINGS TO MINIMUM DEPTH OF 1000MM BELOW FINISHED GROUND LEVEL OR TO LOCAL AUTHORITY INSPECTORS APPROVAL FOLLOWING EXCAVATION AND SITE INVESTIGATION.

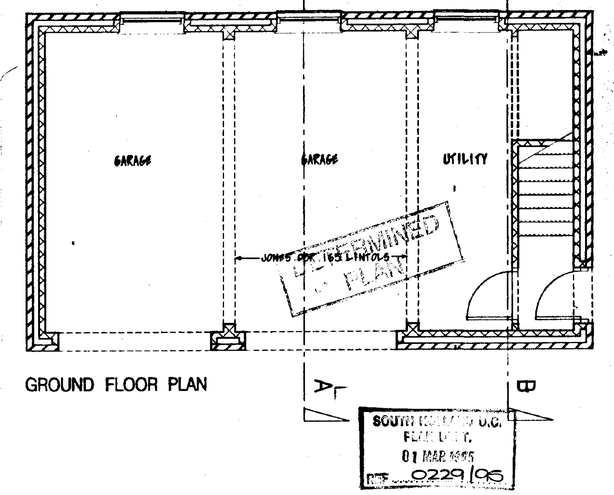
RAINWATER DRAINAGE:
75MM DIAMETER HALF ROUND GUTTERS TO MAIN ROOF, 50MM DIAMETER TO DORMAS, TAKEN TO 100MM DIAMETER DOWNPIPES, DRAINING TO OPEN DRAIN ADJACENT TO PROPERTY AS EXISTING RAINWATER DRAINAGE.



ROOF PLAN



FIRST FLOOR PLAN



GROUND FLOOR PLAN

PLANS AND ELEVATIONS 1:50

DETATCHED GARAGES AND GAMES ROOM AT 5 SILTSIDE GOSBURTON RISEGATE FOR MISS S BARTRUM FEB 1995