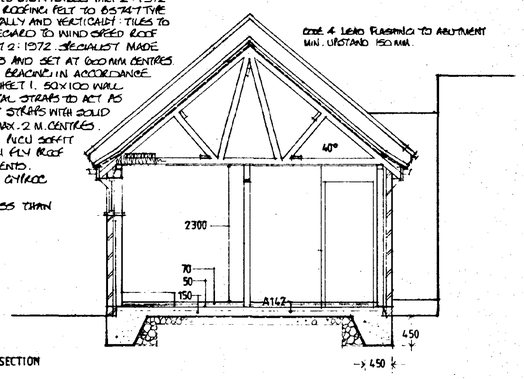
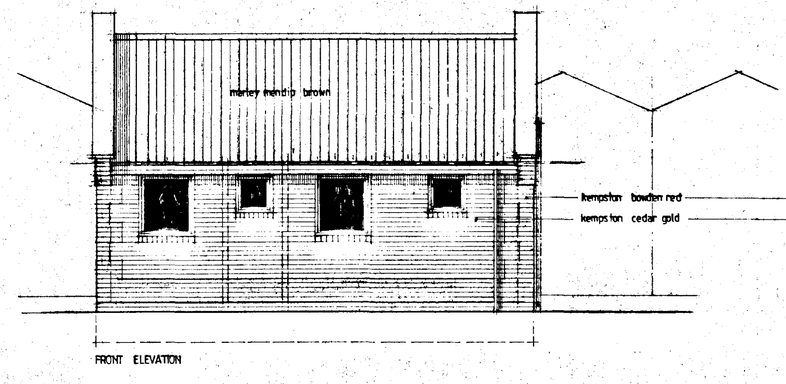
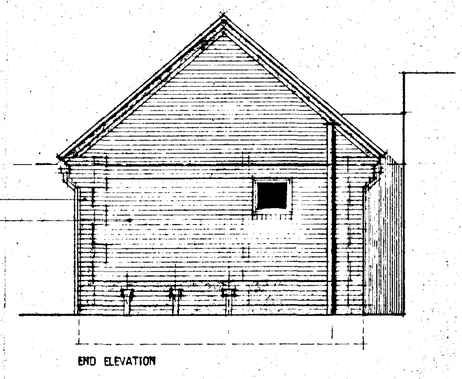
ROOF CONSTRUCTION:
BRIDGEWATER MARLEY MENDIP INTERLOCKING CONCRETE ROOF TILES TO B.S.478:500 PART 2 : 1972 ON 25X 38 SOFTWOOD TREATED BATTENS AND UNTREATABLE ROOFING FELT TO BS:747 TYPE 1F AND IN ALL CASES TO BE LAPPED 8N 100 BOTH HORIZONTALLY AND VERTICALLY. TILES TO BE LAID WITH A MIN. HEAD LAP OF 75MM AND FIXED WITH REQUIRED TO WIND SPEED ROOF PITCH AND EXPOSURE CATEGORY TO CP3: CHAPTER 5 : PART 2 : 1972. SPECIALIST MADE PREFABRICATED ROOF TRUSSES TO BS 5268 PART 3 : 1985 AND SET AT 600 MM CENTRES 38X100 BLOCK NODE AND INTERMEDIATE BINDERS : WIND BRACING IN ACCORDANCE WITH TRUSS PLATE ASSOCIATION TECHNICAL BULLETIN : SHEET 1. 50X100 WALL PLATE BEDDED ON SAND AND CEMENT : 30 X 5 GALV. METAL STRAPS TO ACT AS ANCHOR STRAPS (MIN 900 LONG) AND LATERAL RESTRAINT STRAPS WITH 2 COURSE BRICKING BENEATH OVER MIN. 3N². MEMBERS : ALL SET AT MAX. 2 M. CENTRES. ALL STRUCTURAL TIMBERS TO BE MIN SC3 GRADE : WHITE PVCU SOFFIT AND FASCIA BOARDS WITH 25MM CONTINUOUS AIR GAP WITH FLY PROOF SCREENS : 200 THICK INSULATION QUILT : EVGOI EAVES VENTS. 112 HUNTER HI-FLOW GUTTERS TO 68 DOWNPIPES : 12.5 GYPROC DURLEX PLASTERBOARD ARTEX OR 2MM SKIM FINISH.
TRUSS MANUFACTURERS DETAILS TO BE SUPPLIED NOT LESS THAN 28 DAYS PRIOR TO ERECTION ON SITE.



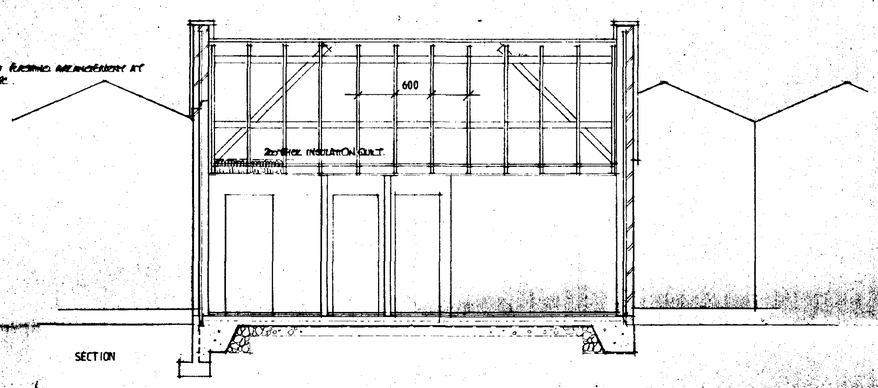
SECTION



FRONT ELEVATION


END ELEVATION

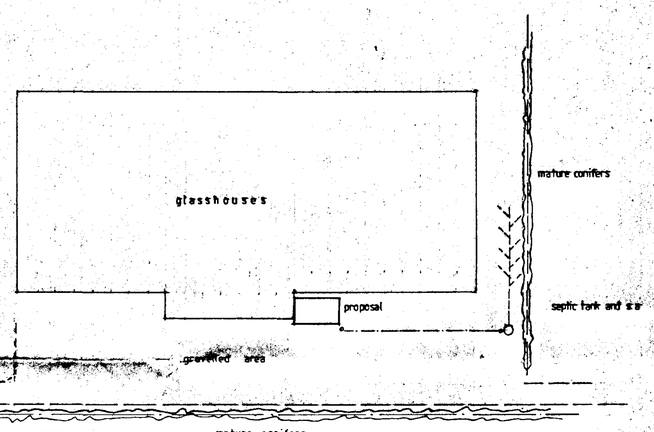
FROM EXISTING CODE 4 LEAD FLASHING ARRANGEMENT AT ABUTMENT WITH CAVITY TRAY DR.



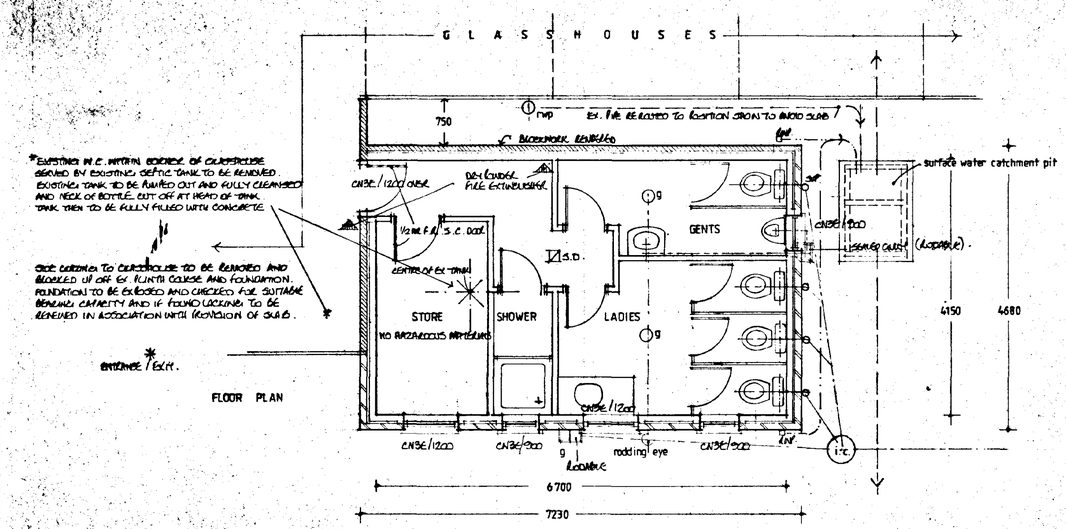
SECTION

WALLING:
215 CAVITY WALL CONSTRUCTION TO CONSIST OF FACE BRICKWORK TO BS:5391: 1976 FOR CLAY BRICKS : 65 CAVITY WITH CELOTEX FULL FILL CAVITY WALL INSULATION FIXED TO MAKERS INSTRUCTIONS : 100 SOLID INSULATION BLOCKS (BY TARMAC TOPBLOC) OR SIMILAR : CAVITY WALLS TIED TOGETHER USING GALV. HELICAL TWIST TIES SET AT 900 HORIZONTALLY AND 450 VERTICALLY TO BS:1243 : 1978 : WALL TIES POSITIONED AT 225 VERTICAL CENTRES AT ALL UNBONDED CLOSURES OF CAVITY : AT ALL CLOSURES TO JAMBS LINTELS AND CILLS. REMOVE 'THERMABATE' OR SIMILAR TO MAKERS INSTR. SET PLASTER AND SKIM TO WALLS : INTERNAL WALLS TO BE LIGHTWEIGHT BLOCKWORK TAKEN UP OFF SLAB.

FLOOR / SLAB FOUNDATION.
FLOOR FINISH TO BE NON SLIP CERAMIC FLOOR TILES OVER 75MM REINFORCED SCREED OVER 50MM VARIETE FLOOR INSULATION BOARDS 500 MEMBRANE :
FLOOR SLAB TO BE 150 THICK C30 CONC. WITH 1 LAYER A142 MESH : THICKEN OUT THE PERIMETER TOE AS SHOWN : ALLOW FOR REMOVAL OF FLOOR WASH DOWN CHANNELS AND ANY SERVICES TO PASS THRU' : 1200 G. POLY MEMBRANE LAPPED UP FACE OF TOE AND STEPPED UP TO ROOM CAVITY TRAY AT BASE OF WALLING.
DPC TO BE SET MIN 150 ABOVE GROUND LEVEL AND TO BE TO BS:6398/8215:1991.



BLOCK PLAN 1:500



SECTION

WINDOWS / GLAZING:
WINDOWS TO BE SPECIALIST MADE FROM WHITE PVCU COMPLETE WITH 12MM THERMAL BREAK DOUBLE GLAZED UNITS AND WITH THE EXCEPTION OF 'STORE' TO BE OBSCURE GLASS. ALL GLASS TO COMPLY WITH PART N OF APPROVED DOCUMENT AND BE TO BS:6206:1981 ALL OPENINGS FULLY DRAUGHT PROOFED. BOOSSIMA TRICKLE VENTS AS CONTROLLABLE BACKGROUND VENTILATION : RAPID VENTILATION VIA OPENING LIGHTS = ½ FLOOR AREA. PART OF WHICH AT LEAST 1.75M ABOVE FLOOR LEVEL.

MECHANICAL VENTILATION :
TO EACH ROOM EXCEPT STORE PROVIDE MECHANICAL VENTILATORS OFFERING MIN 3NP AIR CHANGES PER HOUR WITH 15 MINUTE OVERRUN AND AN EXTRACT RATE OF AT LEAST 15 LITRES/SEC.

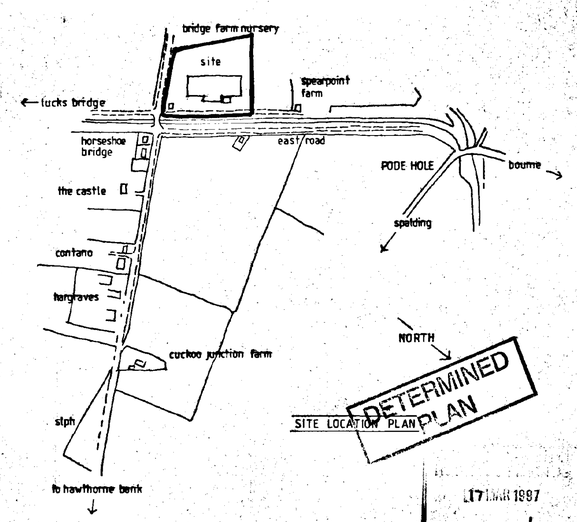
LINTELS:
AS MANUFACTURED BY INGERSOLL CATNIC COMPLETE WITH 150 END BEARING AND CAVITY TRAY DPC.

DOMESTIC HOT WATER AND HEATING TO BE GRAVITY FLOW SYSTEM FROM GLASSHOUSE SYSTEM WHICH HAS ADEQUATE CAPACITY : RADIATORS TO BE BALANCED WITH THERMOSTATIC RAD VALVES : PIPES NOT CONCEALED TO USEFUL HEAT OUTPUT TO BE INSULATED.

FOUL DRAINS:
INSPECTION CHAMBER CONSTRUCTION TO BE BARCOL OR SIMILAR TO MAKERS INSTRUCTIONS WITH THE INTERNAL DIA. RELATED TO THE DEPTH TO BS:8301:1985 : PIPES TO BE 100MM NC. LAID TO FALLS AND FLEXIBLY JOINTED TO BS:4660:1988 WITH BED AND SURROUND OF 150 PEA GRAVEL. PROVIDE SUITABLE BRACING WHERE PIPES PASS THROUGH WALLS WITH RIGID SHEET METAL TO MASK DOWN AROUND PIPE OPENING IN WALL. SUP. TO BE 100MM NC TERMINATING WITH RIC BALLOON MIN 900 ABOVE WINDOW HEAD. BS:4514:1983 : WASTE PIPES TO BE 30 MM INT Ø TO BS:5255:1989 COMPLETE WITH RODDING EYES AT CHANGE OF DIRECTION : TS DEEP SEAL TRAPS TO APPLIANCES 50MM WASTE TO SHOWER : SHOWER TRAY ELEVATED TO FACILITATE ACCESS FOR CLEANSING OF TRAP.
FINAL DISCHARGE TO KLARGESTER 1200 GRILL SEPTIC TANK AND SOAKAWAY.

S.W. DRAINS:
110 Ø UNDERGROUND PIPES LAID TO FALLS FLEXIBLY JOINTED WITH 150 BED & SURROUND OF PEA GRAVEL DISCHARGING INTO EX. CATCHMENT PIT.

ELECTRIC LIGHTING TO SUIT CLIENT.
* PROVIDE SCHEME OF EMERGENCY LIGHTING IF DEEMED NECESSARY BY FIRE OFFICER.
* PROVIDE SMOKE DETECTOR WIRED BACK TO DIST. BOARD AND FUSED ON SEPARATE CIRCUIT.



SITE LOCATION PLAN

DETERMINED PLAN
17 MAR 1997
Ref: 0293/97.

PROPOSED TOILET ACCOMMODATION AND STORE AT BRIDGE FARM HORSESHOE ROAD SPALDING LINCS FOR MR. A. BALL SCALE 1:50 MARCH 1997

ROGER WILLIAMS
ARCHITECTURAL DESIGN CONSULTANT
53 Pulvertoft Lane Boston Lincs PE21 8TB
Tel 01205 362803