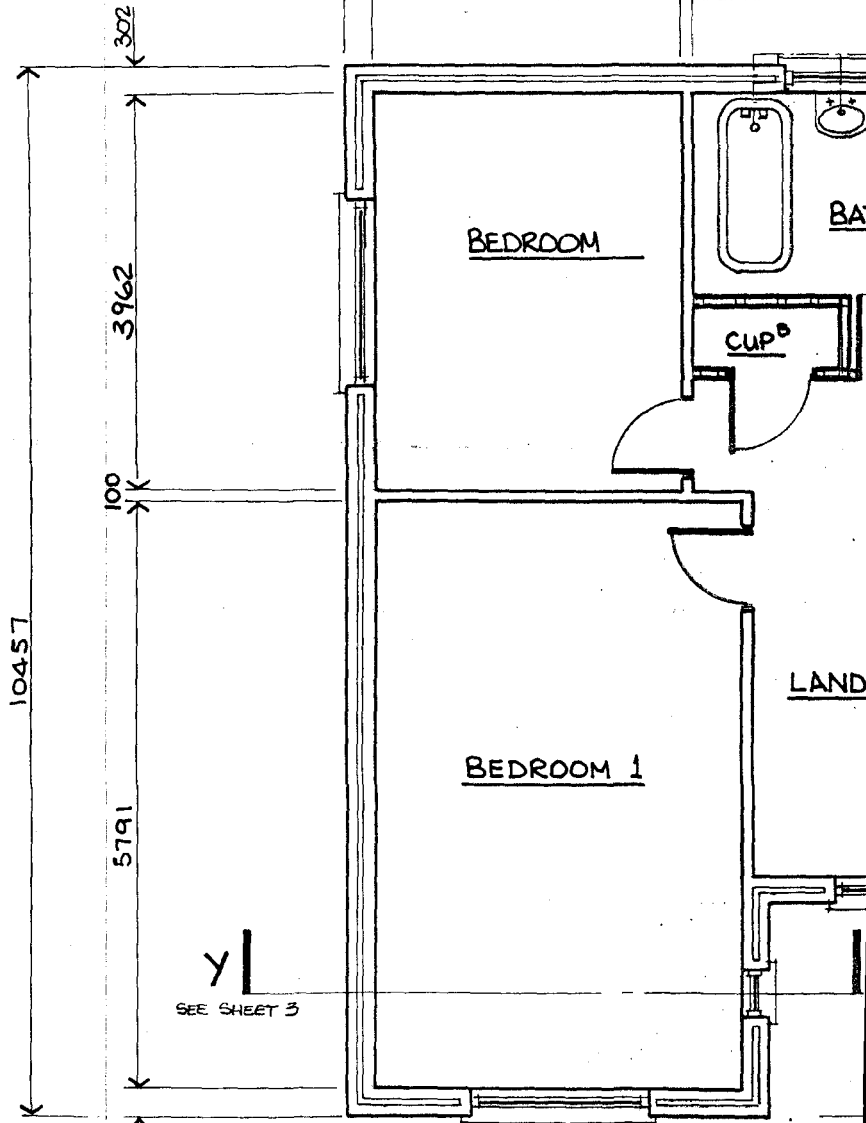




COPY OF PLAN ACCOMPANYING
PERMISSION H13/1196/98.

DO NOT REMOVE FROM FILE

AGE CAPACITY IS 1.75M³. THIS
IF A PANTRY OR SUCH OTHER
FF A KITCHEN, I.E. FITTED
FREEZER, OR AN AMALGAM OF
CH PRODUCES 1.75M³ IS SATISFACTORY.
ABLE OF BEING VENTILATED BY
L MEANS.

302 3658 302

PROPOSED NEW DWELLING AT 92 ROMAN RD, MOULTON CHAPEL, FOR D.L. & J.E. MITCHELL.

DRG 1 of 3



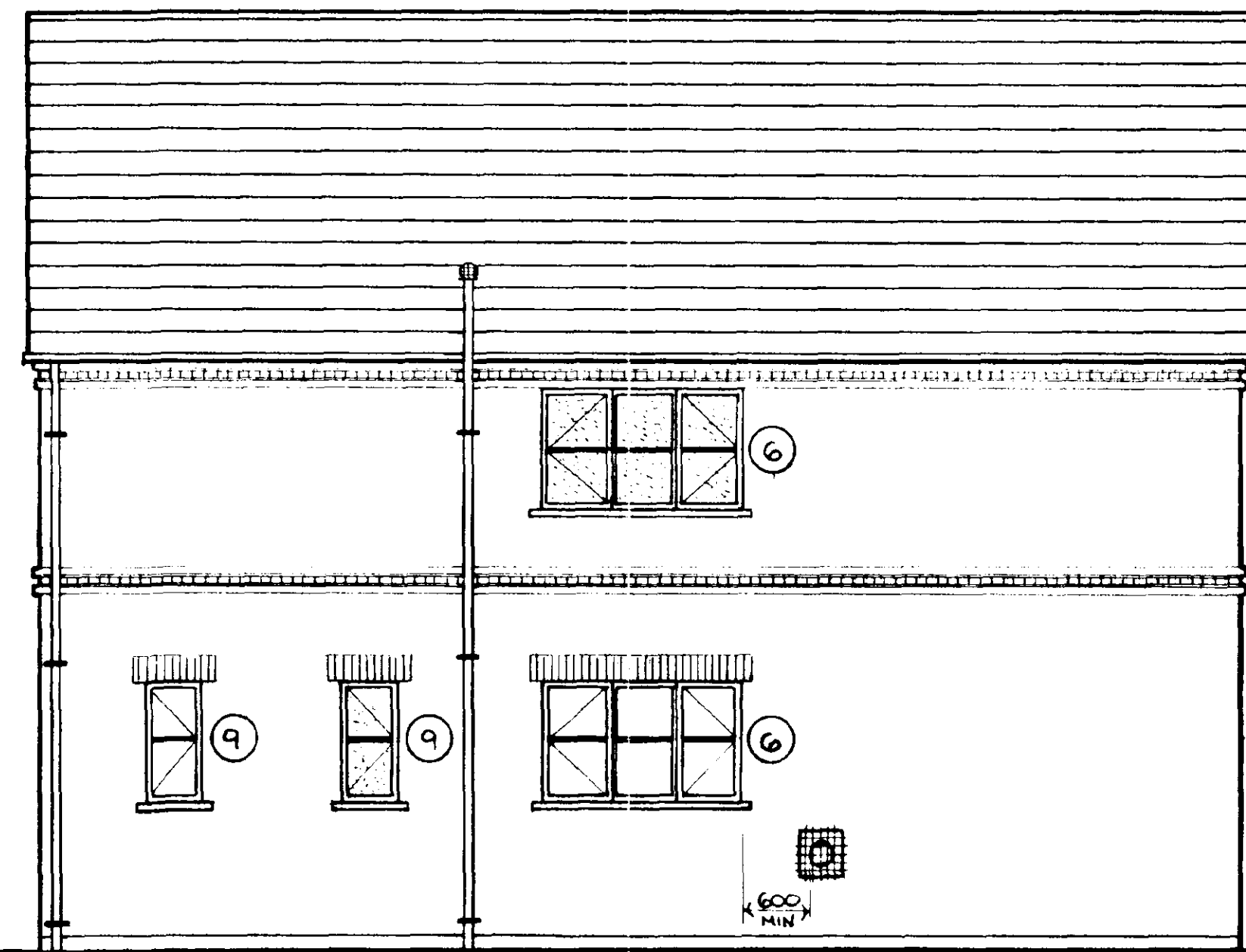
FRONT ELEVATION (SCALE 1:50)

ELECTRICAL INSTALLATION:-

ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST I.E.E. REGULATIONS & N.H.B.C. STANDARD. EXTEND ELECTRICAL CIRCUITS FROM CONSUMER UNIT IN RING MAINS AND INSTALL LIGHTING & POWER POINTS IN POSITION AS DIRECTED.

SMOKE ALARMS:-

PROVIDE MAINS OPERATED SELF-CONTAINED SMOKE ALARMS THAT CONFORM TO BS:5446, PART 1. PROVIDE AT LEAST ONE ON EACH FLOOR DEPENDING ON LAYOUT AND SIZE, IN ACCORDANCE WITH APPROVED DOCUMENT, PART 1. MORE THAN ONE SMOKE ALARM SHOULD BE INTER-CONNECTED. NOTE: SMOKE ALARMS TO BE PERMANENTLY WIRED TO A SEPARATE FUSED CIRCUIT AT THE DISTRIBUTION BOARD. ALSO READ IN CONJUNCTION WITH APPROVED MANUFACTURERS INSTRUCTIONS.



REAR ELEVATION

UNDERGROUND DRAINAGE:- (RE-USE AS MUCH EXISTING CLAY PIPE FOUL DRAIN AS POSSIBLE) SEE BLOCK PLAN - DRG 30F3

110mm UPVC PIPE TO FALL 1:80 WITH 100mm PEAGRAVEL BED & SURROUND. INSPECTION CHAMBERS TO BE 450 DIA PREFORMED PLASTICS, INSTALLED TO MANUFACTURERS INSTRUCTIONS. COMPLETE WITH COVER & FRAME 450mm DIA INSPECTION CHAMBERS NOT TO EXCEED 1METRE BELOW GROUND LEVEL. BACK INLET GULLIES TO BE OF THE RODDABLE TYPE. DRAIN RUNS WITH LESS THAN 300mm GROUND COVER TO HAVE PAVING SLAB PROTECTION OVER TRENCH ON TOP OF PEAGRAVEL, OMIT WHERE CONCRETE PATH CAST OVER PIPE RUNS, WHERE DRAINS PASS UNDER DRIVEWAYS PROTECT IN A SIMILAR MANNER. WHERE DRAINS PASS THROUGH CAVITY WALLS SUPPORT OVER EACH LEAF WITH PRECAST CONCRETE LINTEL AND PROVIDE 50mm SPACE ALL AROUND THE PIPE, MASK OPENING BOTH SIDES WITH RIGID SHEET MATERIAL TO PREVENT ENTRY OF FILL OR VERMIN. (REG H-114, DIAGRAM A1)

WALLS (CAVITY):-

CAVITY WALLS TO BE 300mm WIDE OVERALL, COMPRISING 100mm FACING BRICK RED (SAMPLE TO BE SUPPLIED), 100mm CAVITY FILLED WITH TEBWAY CAVITY FILL, AGREEMENT CERT N° 86/16066. FILLED TO MANUFACTURERS INSTRUCTIONS, 100mm HEMERLITE STD OR SIMILAR APPROVED LOAD BEARING INSULATION BLOCKS.

INTERNAL PARTITIONS TO BE OF 100mm BLOCKWORK WALLING. WALL TIES IN CAVITY WALLING TO BE STOUT GALVANISED VERTICAL TWIST TYPE AT 900mm CENTRES HORIZONTALLY AND 450mm CENTRES VERTICALLY. EVERY ALTERNATE TIE COURSE TO BE STAGGERED 450mm. AT OPENINGS PROVIDE TIES AT 225mm CENTRES VERTICALLY WITHIN 225mm OF THE OPENINGS. IN ACCORDANCE WITH BS 5628. CLOSE CAVITY AT WALLPLATE LEVEL. WALLPLATE 100mm x 50mm OFF MORTAR BED. PROVIDE THERMAL BREAKS WHERE REQUIRED IN THE STRUCTURE TO AVOID COLD BRIDGING OCCURRING. (THERMABATE CAVITY CLOSURES TO JAMBS/CILLS). RENDER & SKIM INTERNAL WALLS TO 15mm THK INCLUDING REVEALS & LINTEL SOFFITS.

DAMP PROOF COURSES:-

PROVIDE EMBOSSED HEAVY DUTY POLYTHENE DPC MATERIAL AT 150mm MINIMUM ABOVE GROUND LEVEL IN ALL LEAFS OF CAVITY WALLING. DPCS TO BE LINKED WITH DPM.

ALSO PROVIDE VERTICAL & HORIZONTAL DPCS AROUND OPENINGS FOR WINDOWS & DOORS IN CAVITY WALLS. PROVIDE CAVITY TRAYS WITH STOP ENDS OVER ALL EXTERNAL LINTELS, WITH AT LEAST 2ND WEEP HOLES PER OPENING NOT MORE THAN 450mm APART.

LINTELS:-

TO BE I.G. LI/HD IN CAVITY WALL OPENINGS GENERALLY, UNLESS STATED OTHERWISE. INTERNAL DOOR OPENINGS IN BLOCK WALLS TO BE I.G. BOX 100 LINTELS. ALL LINTELS TO HAVE 150mm MINIMUM END BEARING AND INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. FACES OF ALL LINTELS TO BE COVERED WITH AT LEAST 15mm OF LIGHTWEIGHT PLASTER.

REF	QTY	BOULTON & PAUL CODE	I.G. INSULATED LINTOL	LENGTH
1*	3	QH313CC	LI/HD 100	2100
2*	2	QHN13C	LI/HD 100	750
3*	4	QH312CC	LI/HD 100	2100
4*	1	QH212CC	LI/HD 100	1500
5*	1	QHN12C	LI/HD 100	750
6*	2	QH310CC	LI/HD 100	2100
7	1	FN26M (FRAME)	LI/HD 100	1200
8	1	FN29M (FRAME)	LI/HD 100	1200
9*	3	QHN10C	LI/HD 100	750
10	1	INTERNAL DOORS	BOX 100	1950
11	13	INTERNAL DOORS	BOX 100	1050

ALL WINDOW CODES MKD * THUS:- PLUS * 8000mm² REGS

ALL WINDOW CODES MKD & THUS:- ORDER WITH OPTIONAL 4000mm² HEADLINE VENTILATOR

DOORS & WINDOWS:-

ALL WINDOW CODES GIVEN ARE FOR BOULTON & PAUL SOVEREIGN PVC-U WINDOWS WITH DOUBLE GLAZED SEALED UNITS (4:16:4). ALTERNATIVELY BOULTON & PAUL SOVEREIGN 22 SOFTWOOD/HARDWOOD WINDOWS WITH DOUBLE GLAZED SEALED UNITS (4:12:4) MAY BE USED. ALL DOUBLE GLAZED SEALED UNITS CONSTRUCTED USING "LOW-E" GLASS. WHERE POSSIBLE ALL WINDOWS TO BE FITTED WITH ADJUSTABLE TRICKLE VENTILATORS IN FRAME HEAD TO GIVE 8000mm² VENTILATION TO ALL HABITABLE ROOMS, & 4000mm² TO OTHER ROOMS.

EXTERNAL DOOR FRAME CODES GIVEN ARE FOR BOULTON & PAUL SOFTWOOD. A HARDWOOD ALTERNATIVE MAY BE USED. INTERNAL DOOR FRAME CODES GIVEN ARE BOULTON & PAUL SOFTWOOD. WHERE POSSIBLE EXTERNAL DOORS TO BE FITTED WITH DOUBLE GLAZED SEALED UNITS USING "LOW-E" GLASS. WINDOWS & DOORS TO BE FULLY DRAUGHT PROOFED.

PROTECTED GLAZING AREAS:-

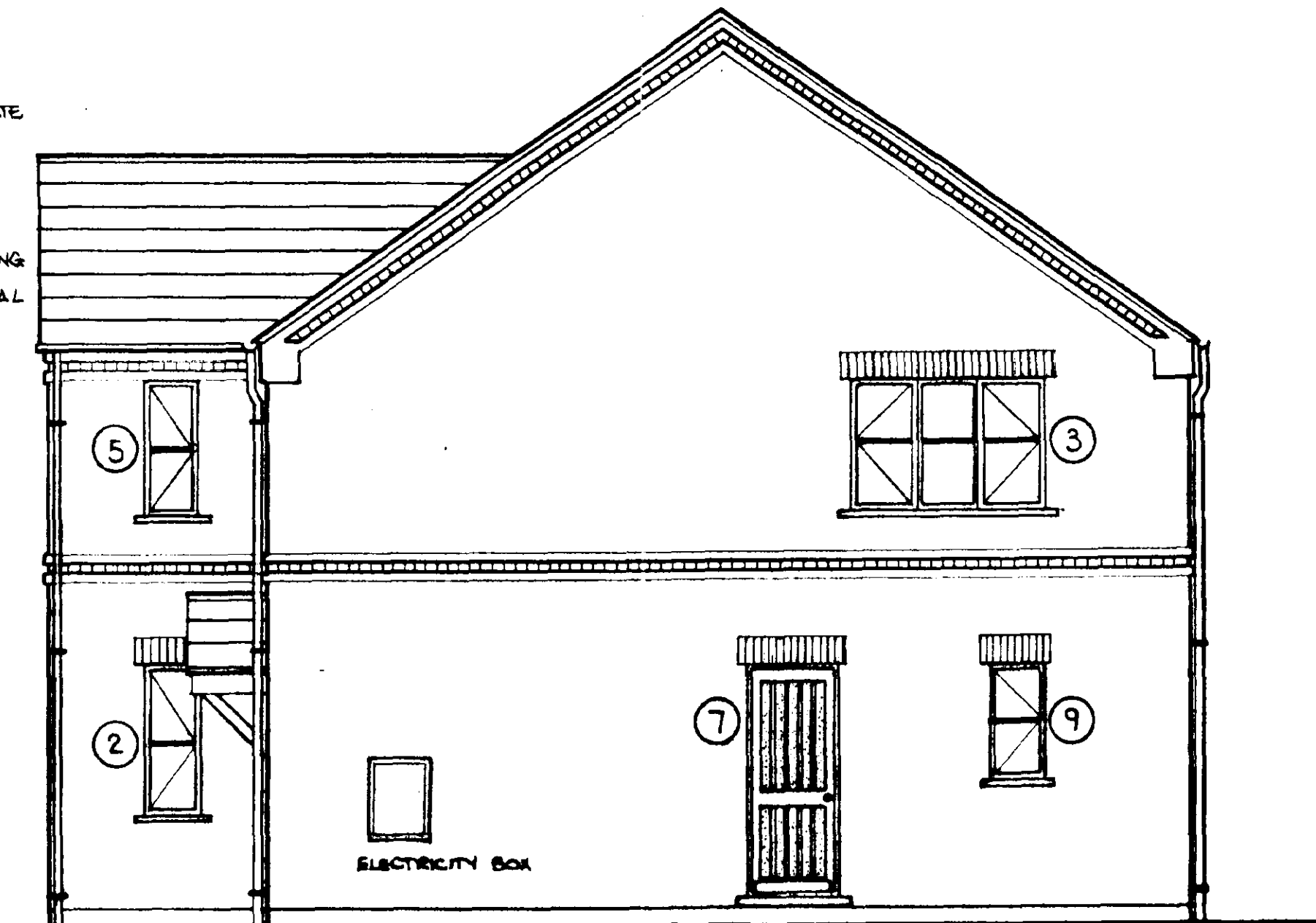
PROVIDE TOUNGHTENED GLASS TO BS 6206, 1981 TO FOLLOWING AREAS:-

TO ALL WINDOWS WITHIN 800mm OF FINISHED FLOOR LEVEL, AND TO ALL DOOR GLAZING WITHIN 1500mm OF FINISHED FLOOR LEVEL. PROTECTED GLAZING TO BE PERMANENTLY MARKED WITH BS: KITE MARK

VENTILATION:-

NATURAL VENTILATION AREA OF WINDOWS TO BE NOT LESS THAN 1/20 OF ROOM FLOOR AREA. ALL HABITABLE ROOM WINDOWS TO HAVE 8000mm² NIGHT VENTS, KITCHEN, UTILITY, BATHROOM & W.C. WINDOWS TO HAVE 4000mm² NIGHT VENTS. EXTRACTOR FANS TO BE PROVIDED IN KITCHEN (MIN 60 LITRES/SEC), BATHROOM & W.C. (MIN 15 LITRES/SEC), AND UTILITY (MIN 30 LITRES/SEC) ALTERNATIVELY, AN EQUIVALENT RATED COOKER HOOD COULD BE SUBSTITUTED IN KITCHEN.

WALLS BELOW GROUND LEVEL: CLASS 'A' CONCRETE BLOCKS INNER SKIN WITH FL. QUALITY BRICKS OUTER SKIN TO B.S.3921 LEAN MIX CONCRETE FILL CAVITY TO MIN 150mm BELOW D.P.C.



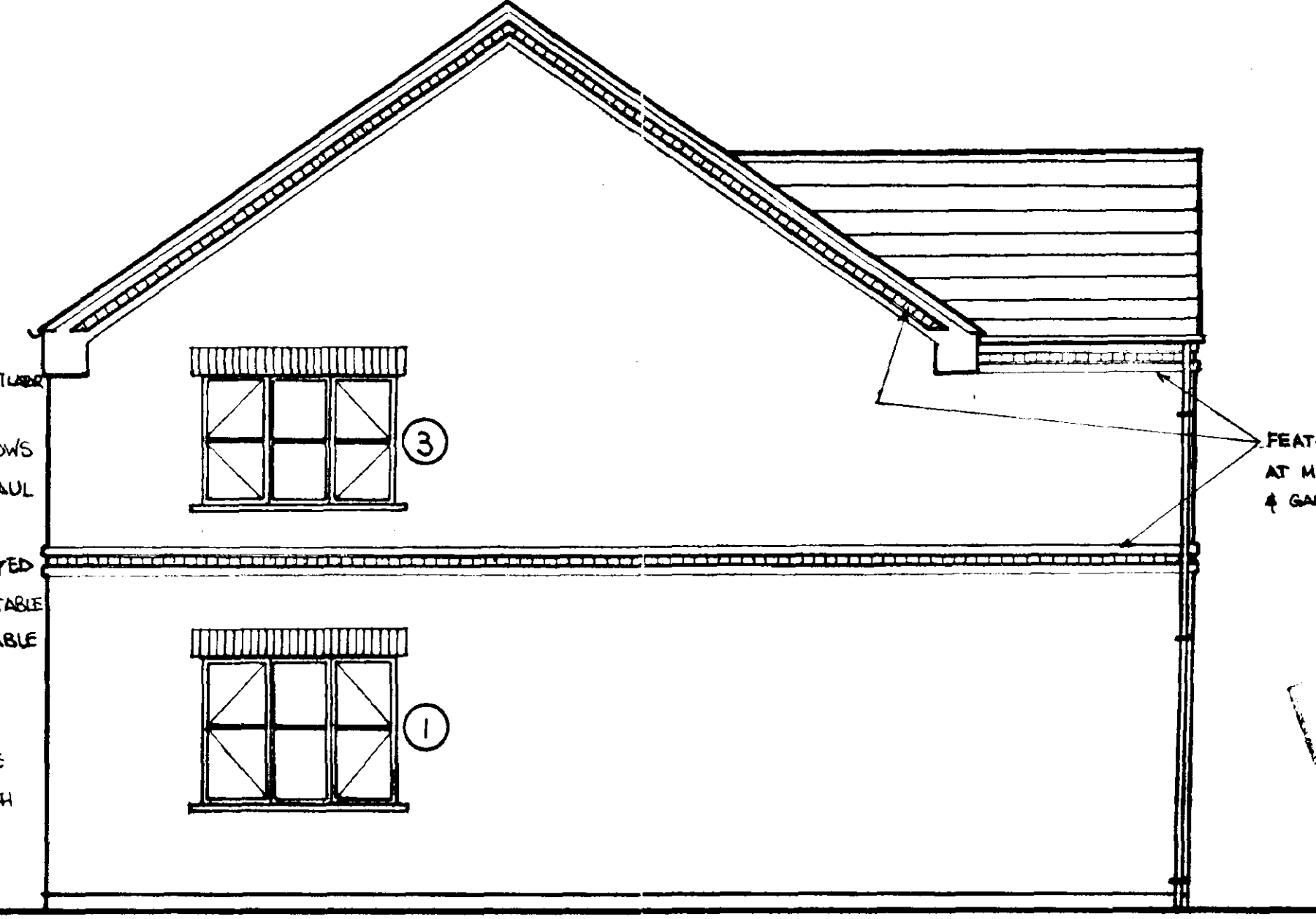
SIDE ELEVATION

ABOVE GROUND DRAINAGE:-

HAND BASIN WASTE TO BE 32mm DIA, W.C. 110mm DIA PVC. BATH AND SINK WASTES 40mm DIA, USE POLYPIPE PUSH FIT PIPEWORK OR SIMILAR, ALL TRAPS TO BE 75mm DEEP SEAL, ALL PIPEWORK ETC. TO BE ACCESSIBLE THROUGHOUT THEIR RUNS FOR CLEANSING, REPAIR, & REPLACEMENT. CONNECT BATH, BASIN, SHOWER, BIDET, AND W.C. WASTES TO 110mm DIA STACK. SINKS TO DISCHARGE TO BACK INLET GULLIES WITH PULL OUT STOPPER FOR RODDING. SOIL AND VENT STACK TO BE CARRIED 900mm ABOVE WINDOW HEADS AND FITTED WITH PATENT VENTILATING TERMINAL.

FLASHINGS:-

ALL FLASHINGS TO BE IN CODE 4 LEAD SHEET, PROPERLY CUT, DRESSED & FIXED.



SIDE ELEVATION

RAINWATER GOODS:-

PVC GUTTERS 115mm HALF ROUND AND 68mm DIA DOWN PIPES TO MATCH, INCLUDING ALL BENDS, OUTLETS, CLIPS, BRACKETS, CONNECTORS ETC. AND CONNECT TO UNDERGROUND DRAIN TO SOAKAWAY.

SOAKAWAYS:-

TO BE A MINIMUM OF 5.0 METRES FROM ANY BUILDING AND TO BE 1m³ RUBBLE FILLED WITH INLET PIPE DISCHARGING TO CENTRE OF SOAKAWAY. THE FILLED HOLE TO HAVE POLYTHENE OVER, & COVERED WITH TOP SOIL.

FOOTPATHS & DRIVE:-

PROVIDE CONCRETE SLAB OR CAST CONCRETE FOOTPATH AROUND PERIMETER OF HOUSE. SET SLABS AWAY FROM WALLS & INFILL WITH 20mm COLOURED GRANITE CHIPPINGS. PROVIDE 20mm COLOURED GRANITE CHIPPINGS TO DRIVE OFF HARDCORE BASE, c/w CONCRETE EDGE KERBING.

SOUTH HOLLAND DC
HOUSING & PLANNING
- 4 DEC 1998
Ref: 1196/98

PROPOSED NEW DWELLING AT 92 ROMAN RD, MOULTON CHAPEL, FOR D.L. & J.E. MITCHELL.

DRG 2 of 3

GROUND FLOOR:-

GROUND FLOOR BUILD UP TO COMPRISE OF : 150mm MIN CONSOLIDATED HARDCORE,
THEN 100mm MIN CONCRETE SLAB (MIX ST4)
THEN 1200 GAUGE DPM LAID & LAPPED WITH WALL DPC (ENSURE DPM IS SEALED AROUND PIPES & OTHER SERVICES)
THEN 50mm JAPLITE FLOORING GRADE SD/N (OR SIMILAR) INSULATION TO WHOLE FLOOR AREA & BETWEEN WALL & SCREED.
THEN 75mm SAND/CEMENT SCREED TO SMOOTH FINISH.
(THE UNDERFLOOR HEATING PIPES TO BE INSTALLED & PRESSURE TESTED TO MANUFACTURER/SUPPLIERS INSTRUCTIONS
PRIOR TO SCREED BEING LAID.)

BOILER:-

THE BOILER TO BE OIL FIRED CONDENSING BOILER OF APPROXIMATELY 18KW OUTPUT RATING. WITH PLASTIC BALANCED FLUE SYSTEM & SUITABLE CAGE GUARD TO EXTERNAL WALL. INSTALLED TO MANUFACTURERS INSTRUCTIONS & APPROVED DOCUMENT J OF THE BUILDING REGULATIONS.

HOT WATER STORAGE:-

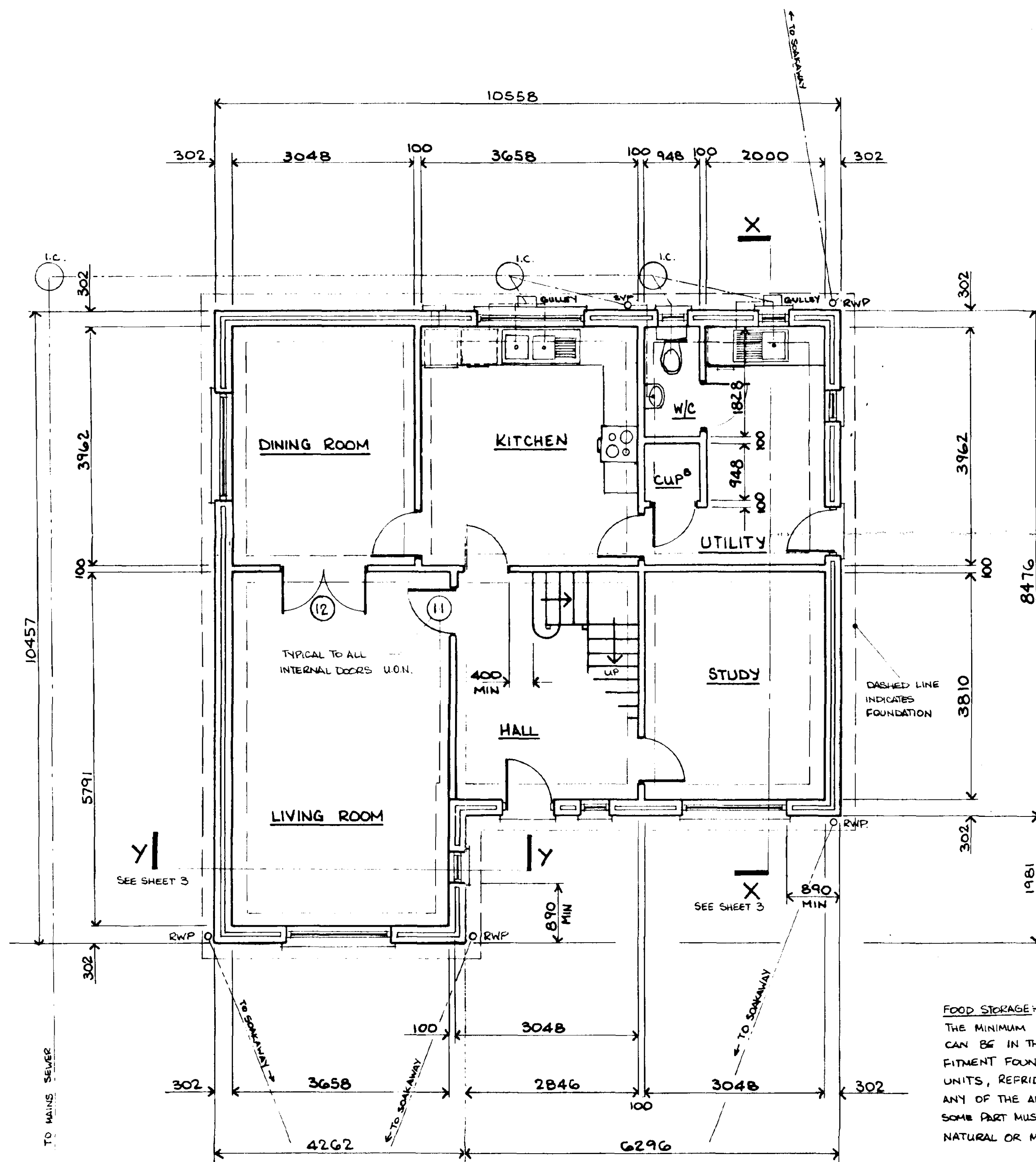
PROVIDE UNVENTED MAINS PRESSURISED HOT WATER CYLINDER, APPROXIMATELY 130-170 LITRE CAPACITY. (WATER HEATED VIA BOILER OR IMMERSION HEATER)
COMPLETE WITH TEMPERATURE & PRESSURE SAFETY CONTROLS. FITTED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS BY A CERTIFIED MAINS CYLINDER INSTALLER.

SPACE HEATING:-

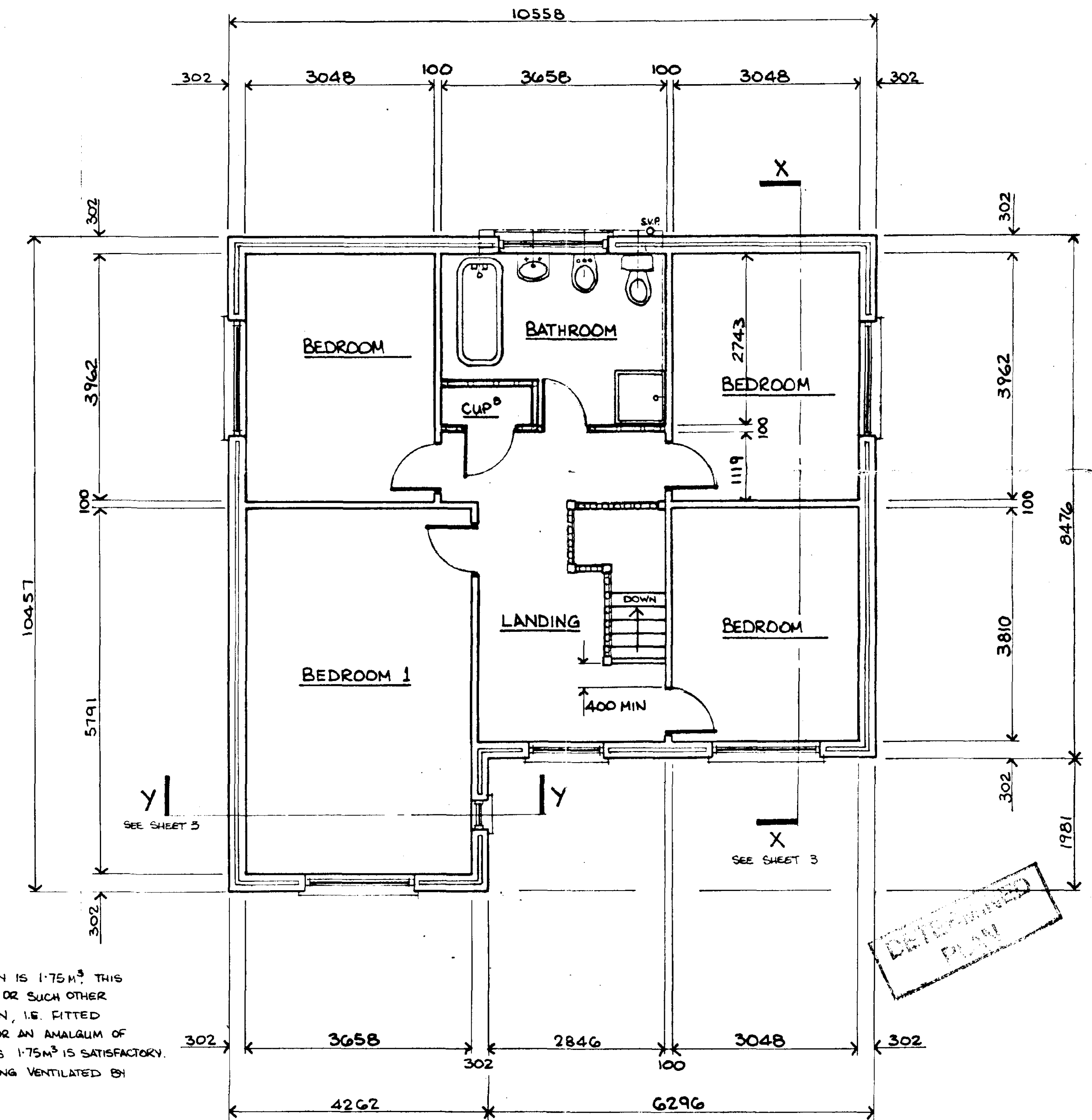
FIRST FLOOR - VIA RADIATOR CIRCUIT WITH HEATED TOWEL RAIL TO BATHROOM, ALL RADIATORS TO BE FITTED WITH THERMOSTATIC AND BALANCING VALVES.

GROUND FLOOR - ON A SEPERATE CIRCUIT, TO BE VIA SPECIALIST UNDERFLOOR HEATING PIPE WITH ALL NECESSARY CONTROLS & MANIFOLDS AS SUPPLIERS RECOMMENDATION & FITTED IN ACCORDANCE WITH MANUFACTURER/SUPPLIERS INSTRUCTIONS.

HEATING AND HOT WATER SYSTEM CONTROLLED BY L45 (OR SIMILAR) ENERGY MANAGEMENT SYSTEM.



GROUND FLOOR PLAN SCALE 1:50



FIRST FLOOR PLAN SCALE 1:50

FOOD STORAGE:-

THE MINIMUM FOOD STORAGE CAPACITY IS 1.75M³. THIS CAN BE IN THE FORM OF A PANTRY OR SUCH OTHER FITMENT FOUND IN OR OFF A KITCHEN, I.E. FITTED UNITS, REFRIDGERATOR, FREEZER, OR AN AMALGAM OF ANY OF THE ABOVE WHICH PRODUCES 1.75M³ IS SATISFACTORY. SOME PART MUST BE CAPABLE OF BEING VENTILATED BY NATURAL OR MECHANICAL MEANS.

DEVELOPED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
04/05/1998
11/96/18

PROPOSED NEW DWELLING AT 92 ROMAN RD, MOULTON CHAPEL, FOR D.L. & J.E. MITCHELL

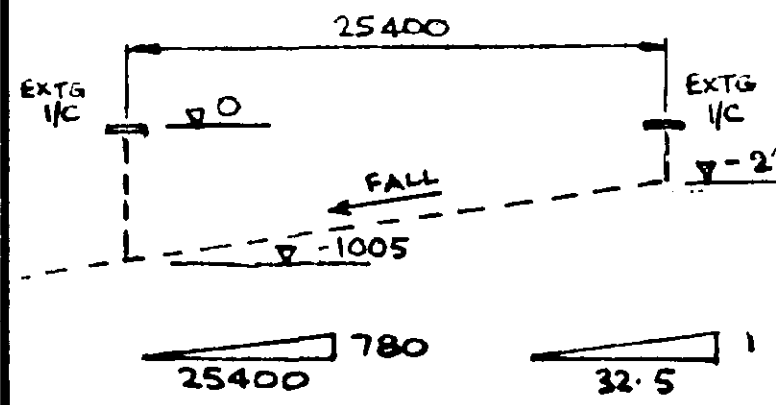
DRG 3^B OF 3

REV A: REVISIONS INDICATED THUS Δ TO SUIT BUILDING CONTROL COMMENTS REF: PA/SECS/DMD 26/3/99

REV B: BLOCK PLAN - 17.4M DIMN WAS 16.0M. NOTES - ROOF COVERING NOTE WAS CONCRETE INTERLOCKING TILES. GENERAL NOTE ADDED. 28/1/00

PROPERTY EXTENDS TO TOTAL AREA OF 0.932 HECTARES (1.562 ACRES)

Δ DIAGRAM SHOWING INVERT OF EXISTING FOUL SEWER



EXISTING SHED

PROPOSED NEW DWELLING TO BE BUILT OVER EXISTING SEPT WATER WELL. EXISTING WELL TO BE FILLED IN USING LEAN MIX CONCRETE.

EXISTING DWELLING TO BE DEMOLISHED (SUBJECT TO PLANNING PERMISSION)

RE-USE EXISTING FOUL WATER DRAIN TO MAINS SEWERAGE PIPE WHERE POSSIBLE

PROPOSED NEW/REPLACEMENT DWELLING

DERELICT BUNGALOW

ROMAN ROAD

MOULTON CHAPEL

SCALE 1:500

30x5x1000 LG GALV METAL ANCHORS AT GABLES ONLY MAX 1800 CTRS

ENSURE 50mm AIR GAP BETWEEN UNDERSIDE OF ROOFING FELT & TOP OF FIBREGLASS. USE PROPRIETARY EAVES VENT PACK TO ACHIEVE 10mm CONTINUOUS AIR GAP & PREVENT INGRESS OF BIRDS & LARGE INSECTS.

LONGITUDINAL BRACING MEMBERS

CHEVRON BRACING MEMBERS

ALL BRACING MEMBERS TO ROOF TO BE MIN 25x100mm

UNDER RAFTER DIAGONAL BRACING MEMBERS

35° PITCH

2400

127 GYPROC COVING (TYP)

SKIRTING BOARD TO CLIENTS SPEC.

UNDERFLOOR HEATING PIPES LAID BETWEEN FLOOR INSULATION & SCREED.

D.R.C. MIN 150

MIN 750 1000 IN SHRINKABLE CLAY

INSULATION ABOVE CAVITY CLOSURE & WALL PLATE AVOIDS COLD BRIDGE.

ROLL FORM EAVES VENT MAINTAINS 50mm CLEAR AIRWAY ABOVE INSULATION. TIMBER FILLET.

POLYWOOD LAMBOARD.

CORBEL VENT.

BRICK FEATURE BAND.

ENLARGED EAVE DETAIL

FOUNDATIONS:-

750 WIDE x 225 DEEP CONCRETE STRIP FOUNDATIONS TO ALL 300 CAVITY B.W.K. 450 WIDE x 225 DEEP CONCRETE STRIP FOUNDATIONS TO ALL 100 INTERNAL LOAD BEARING WALLS. CONCRETE MIX ST4. ALL TAKEN DOWN TO A SUITABLE LOAD BEARING SUB-STRATA. IF ANY NON-LOAD BEARING SUB-STRATA IS ENCOUNTERED THE DESIGNER IS TO BE INFORMED BEFORE LAYING ANY CONCRETE, & THE ADVICE OF A CONSULTING ENGINEER WILL BE OBTAINED.

ALL THE ABOVE WORK IS TO BE APPROVED BY THE LOCAL BUILDING INSPECTOR.

STUDWORK PARTITIONS:-

TO FIRST FLOOR - FORM STUDWALLS IN 75mm x 50mm SOFTWOOD STUDS AT 400mm CENTRES WITH 75mm x 50mm HEAD & SOLE PLATES AND NOGGIN'S AT 1200mm CENTRES. CLAD WITH 12.7mm GYPROC WALLBOARD, SCIM, TAPE JOINTS AND SKIM FINISH. PACK 75mm THICK FIBREGLASS BETWEEN STUDS. PROVIDE DOUBLE FLOOR JOISTS WHERE UNDER PARTITIONS.

STAIRCASE:-

QUARTER SPACE LANDING STAIRCASE OF STANDARD MANUFACTURE WITH 900mm MAX OVERALL WIDTH, WITH MINIMUM CLEAR WIDTH OF 800mm. MAXIMUM PITCH TO BE 42° WITH A RISE OF 200mm AND A GOING OF 223mm. HANDRAIL TO BE 900mm ABOVE THE PITCH LINE OF THE STAIRCASE AND 900mm ON LANDING. BALUSTERS NOT TO PERMIT PASSAGE OF 100mm DIAMETER SPHERE. ENSURE MINIMUM 2 METRES HEADROOM OVER STAIR. ALL BALUSTRADES TO BE CAPABLE OF WITHSTANDING A 0.36kN/m HORIZONTAL FORCE. ALL TO BE IN ACCORDANCE WITH 1:27 APPROVED DOCUMENT K.

JOINERY:-

DOORS, FRAMES, LININGS, SKIRTINGS, ARCHITRAVES, WINDOW BOARD, & TIMBER MOULDINGS ETC TO BE OF STANDARD MANUFACTURE AND TO BE AS BOULTON & PAUL OR EQUAL APPROVED.

FLOOR JOISTS TO BE 50x200 C16 TREATED TIMBERS AT 400 CENTRES (U.O.N.)

LOCALLY UNDER BATH PROVIDE DOUBLED UP JOISTS

STAIRWELL TRIMMING AND TRIMMER JOISTS TO BE 2N° 63x200 C16 TREATED TIMBERS BODEL TOGETHER

AMENDED PLAN

Ref. A1

4 FEB 2000

Ref: 1196/98

FLOOR JOIST PLAN

SCALE 1:50

TRUSSES TO BE AT 600 CENTRES

SEE S.H.D.C. NOTE, RE APPROVAL OF MANUFACTURERS DETAILS & CALCS FOR ROOF TRUSSES, INCLUDING COMPOUND TRUSSES, AT LEAST 28 DAYS PRIOR TO FIXING OF TRUSSES.

ROOF PLAN

SCALE 1:50

ROOF COVERINGS:-

SANDTOFT MACHINE MADE CLAY ROOF TILES

TYPE - 20/20 INTERLOCKING PLAN - SLATE GREY

TO BE FIXED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND BS 5534, PART 1, 1978. BATTENS 38x25 AT GAUGE CENTRES ON UNTEARABLE TYPE 1F SARKING FELT WITH MINIMUM 150mm LAPS.

LATERAL RESTRAINT STRAPPING

PROVIDE & FIX 30x5 PATENT GALVANISED MILD STEEL STRAPS AT 1.8M CENTRES TO ANCHOR WALLPLATE TO BLOCKWORK, CEILING JOISTS AND RAFTER LEVELS WHERE THEY RUN PARALLEL TO WALLS. SOLID STRUT BELOW THE STRAPS AND TIGHT PACK AGAINST THE WALLS.

INSULATION

LAY 200mm FIBREGLASS, 100mm BETWEEN JOISTS AND 100mm OVER JOISTS, MAINTAIN MIN 50mm GAP BETWEEN TOP OF INSULATION AND SARKING FELT WHERE INSULATION RUNS UP TO ROOF SLOPE, ENSURE INSULATION IS CONTINUOUS WITH CAVITY WALL INSULATION.

ROOF VENTILATION

USE PROPRIETARY "CORBEL VENT" AT EAVES TO ACHIEVE 10mm CONTINUOUS AIR GAP & PREVENT INGRESS OF BIRDS & LARGE INSECTS. USE PROPRIETARY "ROLL FORM EAVES VENT" BETWEEN RAFTERS TO MAINTAIN 50mm CLEAR AIRWAY ABOVE INSULATION

CEILINGS

PROVIDE & FIX 12.7mm GYPROC WALLBOARD TO FIRST FLOOR CEILINGS & 12.7mm GYPROC WALLBOARD TO GROUND FLOOR CEILINGS. NOG ALL PERIMETERS & BOARD JOINTS PRIOR TO FIXING PLASTERBOARD TO FULLY SUPPORT SHEETING. FIX GYPROC COVING AND ARTEX FINISH TO CEILING

USE PROPRIETARY LOFT ACCESS HATCH TO FIRST FLOOR CEILING FITTED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

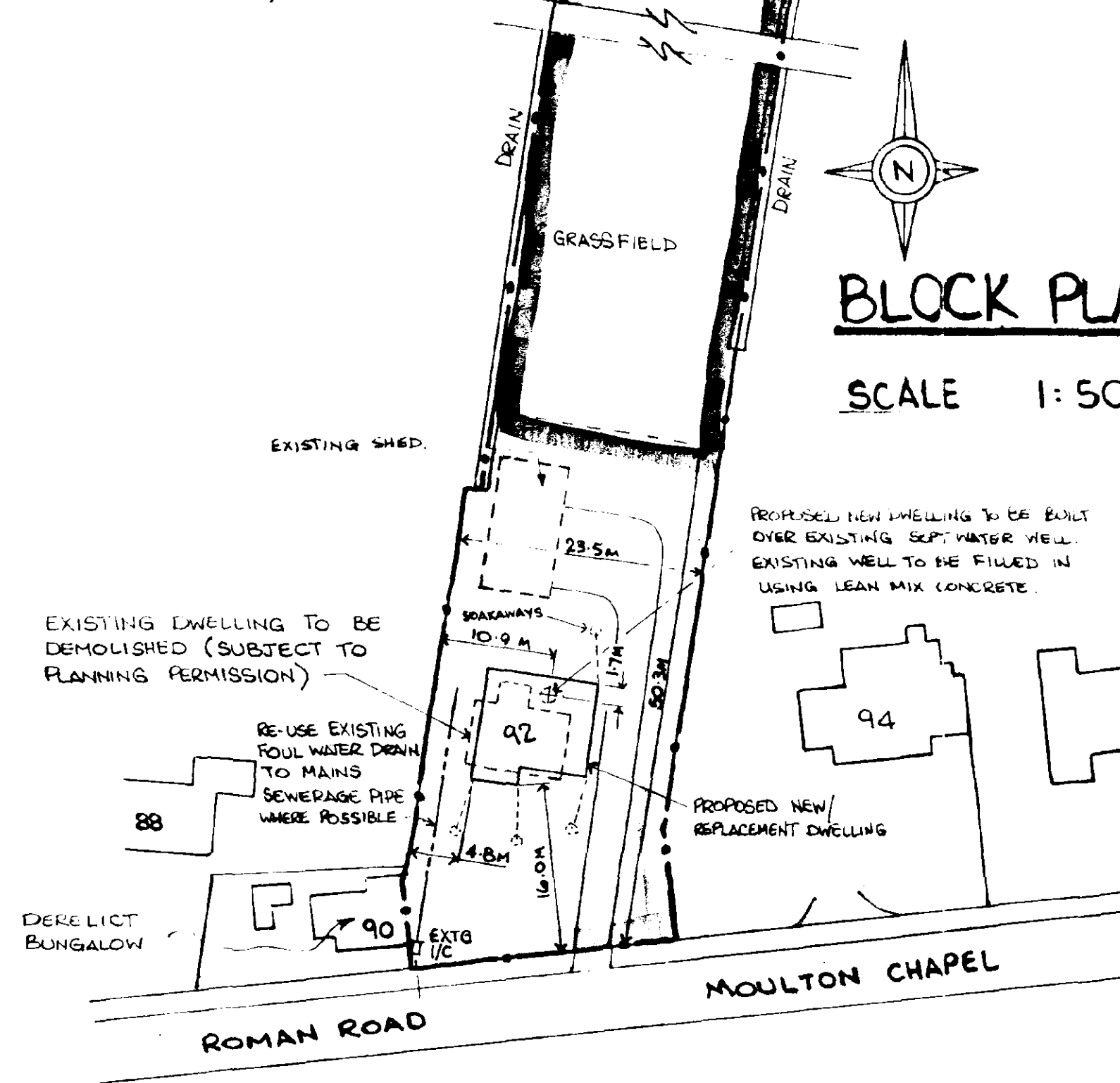
FIRST FLOOR CONSTRUCTION

PROVIDE & FIX 19mm WYBROC OR SIMILAR APPROVED TONGUED & GROoved FLOORING GRADE WOOD PARTICLE BOARD (WATER RESISTANT TO BEDROOM) ON C16 GRADE SOFTWOOD FLOOR JOISTS TO THE SIZES INDICATED. PROVIDE SOLID STRUTTING AT MID SPAN OF JOISTS. BUILD JOISTS INTO WALLS TO FULL BEARING WIDTH OF WALL, BUT ENSURE NOT TO ENCR OACH INTO THE CAVITY.

PROPOSED NEW DWELLING AT 92 ROMAN RD, MOULTON CHAPEL, FOR D.L. & J.E. MITCHELL

DRG 3 OF 3

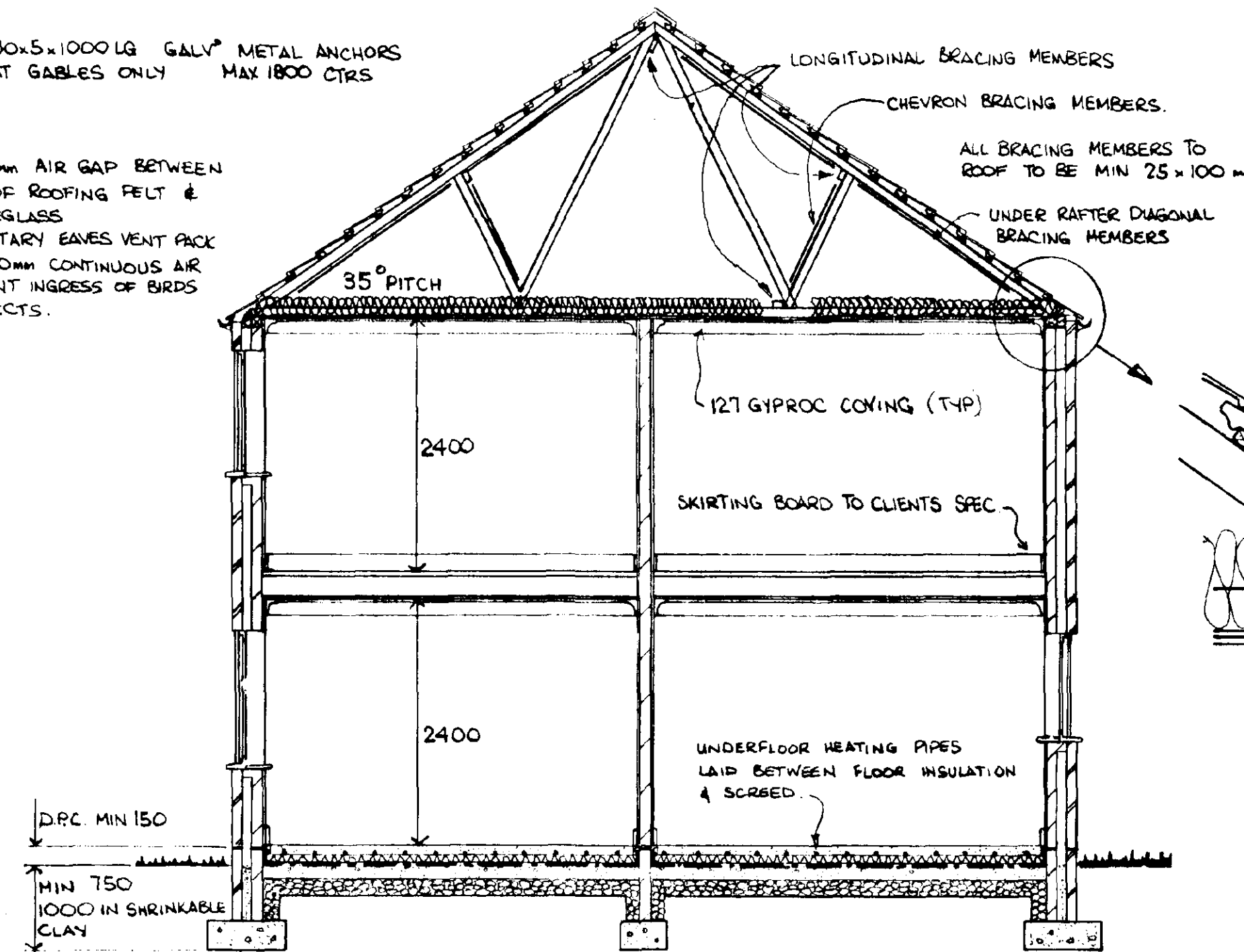
PROPERTY EXTENDS TO TOTAL AREA OF 0.632 HECTARES (1.566 ACRES)



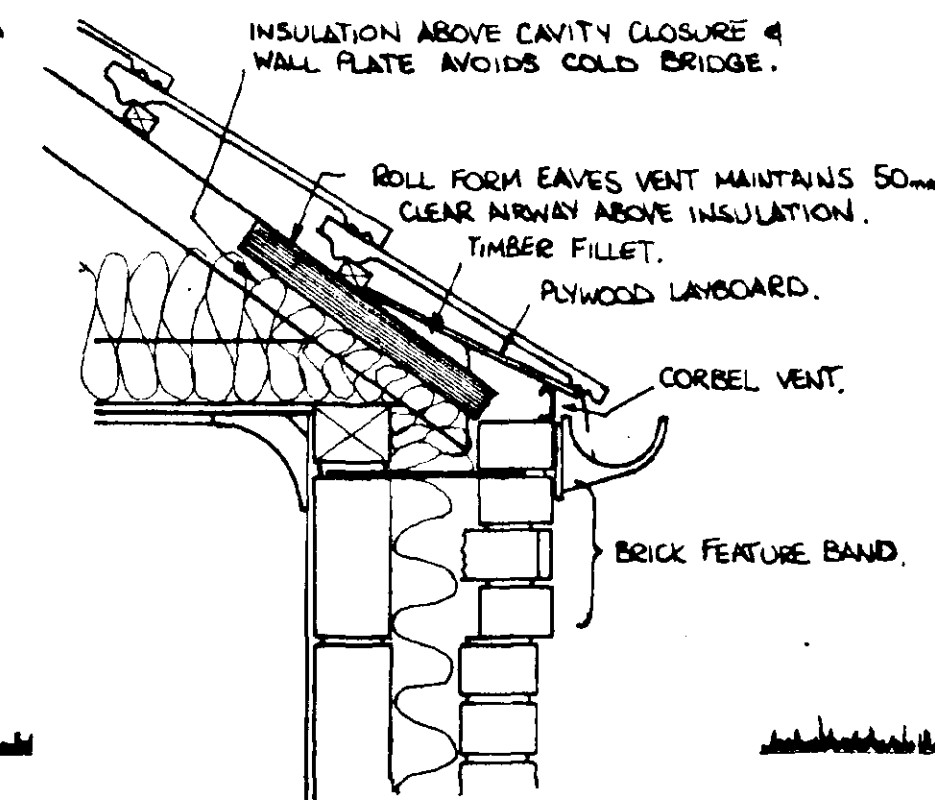
BLOCK PLAN
SCALE 1:500

* 30x5x1000 LG GALV^o METAL ANCHORS AT GABLES ONLY MAX 1800 CTRS

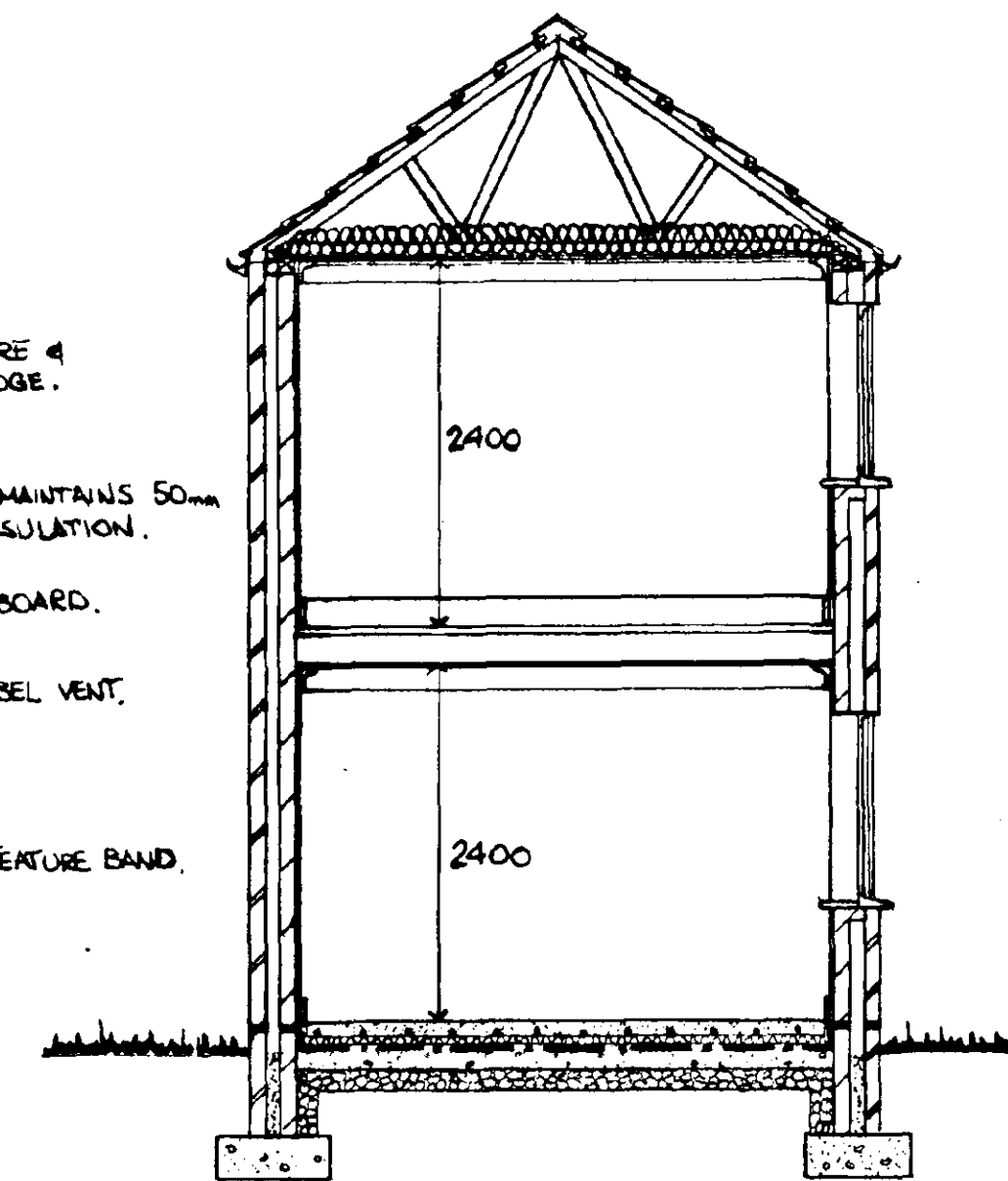
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SECTION X-X



ENLARGED EAVE DETAIL



SECTION Y-Y

FOUNDATIONS -
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STUDWORK PARTITIONS -
TO FIRST FLOOR - FORM STUDWALLS IN 75mm x 50mm SOFTWOOD STUDS AT 400mm CENTRES WITH 15mm x 50mm HEAD & SOLE PLATES AND NOGGINs AT 1200mm CENTRES. CLAD WITH 12.7mm GYPROC WALLBOARD, SCIM, TAPE JOINTS AND SKIM FINISH. PACK 75mm THICK FIBREGLASS BETWEEN STUDS. PROVIDE DOUBLE FLOOR JOISTS WHERE UNDER PARTITIONS.

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QUARTER SPACE LANDING STAIRCASE OF STANDARD MANUFACTURE WITH 900mm MAX OVERALL WIDTH, WITH MINIMUM CLEAR WIDTH OF 800mm. MAXIMUM PITCH TO BE 42° WITH A RISE OF 200mm AND A GOING OF 223mm. HANDRAIL TO BE 900mm ABOVE THE PITCH LINE OF THE STAIRCASE AND 900mm ON LANDING. BALUSTERS NOT TO PERMIT PASSAGE OF 100mm DIAMETER SPHERE. ENSURE MINIMUM 2 METRES HEADROOM OVER STAIR. ALL BALUSTRADES TO BE CAPABLE OF WITHSTANDING A 0.36 kN/m HORIZONTAL FORCE. ALL TO BE IN ACCORDANCE WITH 1:27 APPROVED DOCUMENT K.

JOINERY -
DOORS, FRAMES, LININGS, SKIRTINGS, ARCHITRAVES, WINDOW BOARD, & TIMBER MOULDINGS ETC TO BE OF STANDARD MANUFACTURE AND TO BE AS BOUTON & PAUL OR EQUAL APPROVED.

ROOF CONSTRUCTION - TRUSS MANUFACTURERS DETAILS & CALCS TO BE SUBMITTED TO S.H.D.C. 28 DAYS PRIOR TO FIXING. TRUSSED RAFTERS SHALL BE OF AN APPROVED MANUFACTURER AND DESIGNED, ASSEMBLED, ERECTED AND BRACED IN ACCORDANCE WITH B.S. 5268, PART 3, 1985. FIXED AT 600 CENTRES MAX.

ROOF COVERINGS -
REDLAND OR SIMILAR APPROVED CONCRETE INTERLOCKING TILES TYPE - REDLAND "STONEWOLD SLATE" SLATE GREY TO BE FIXED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND BS 5534, PART 1, 1978. BATTENS 38x25 AT GAUGE CENTRES ON UNTEARABLE TYPE 1F SARKING FELT WITH MINIMUM 150mm LAPS.

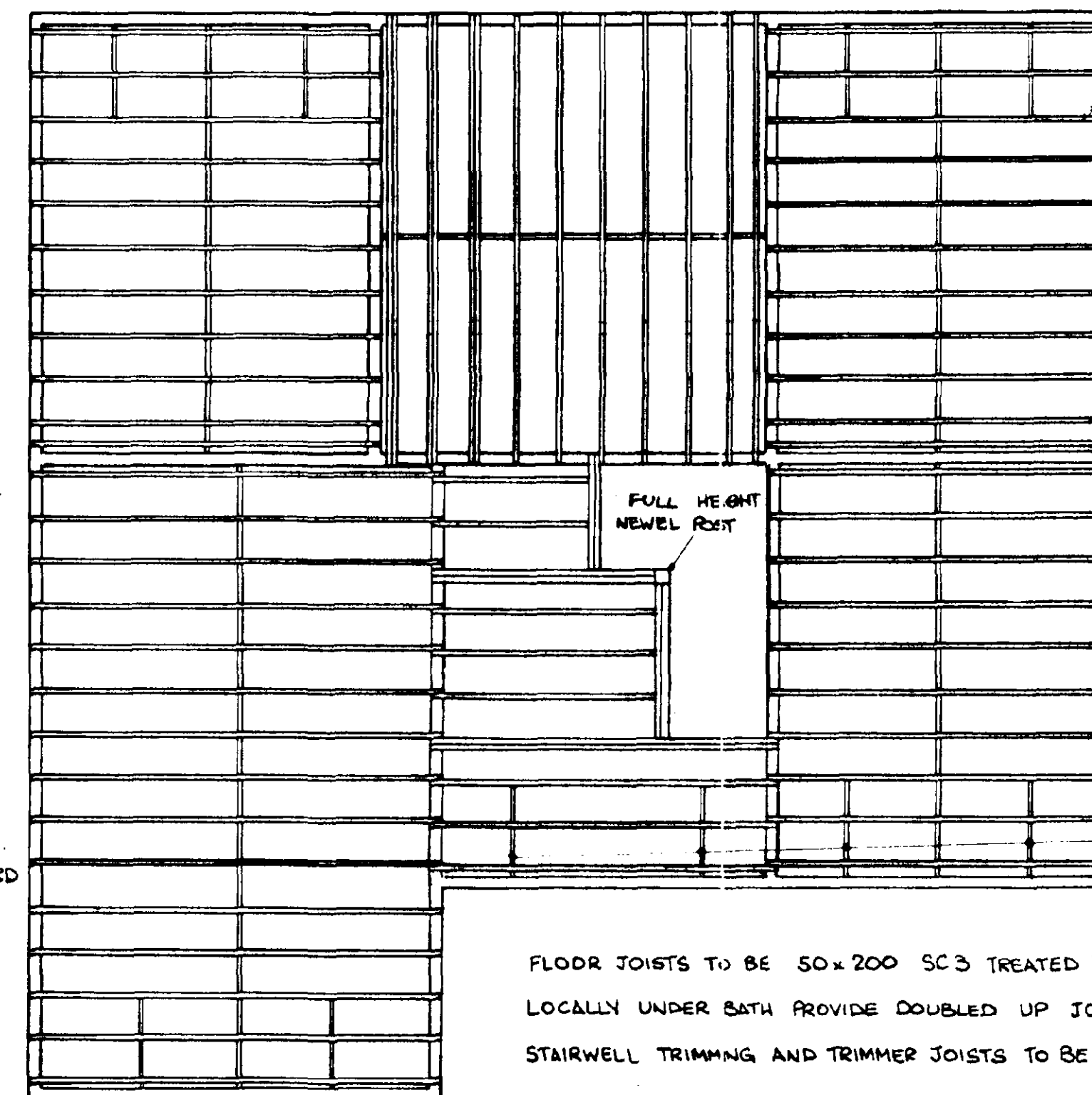
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INSULATION
LAY 200mm FIBREGLASS, 100mm BETWEEN JOISTS AND 100mm OVER JOISTS, MAINTAIN MIN 50mm GAP BETWEEN TOP OF INSULATION AND SARKING FELT WHERE INSULATION RUNS UP TO ROOF SLOPE, ENSURE INSULATION IS CONTINUOUS WITH CAVITY WALL INSULATION.

ROOF VENTILATION
USE PROPRIETARY "CORBEL VENT" AT EAVES TO ACHIEVE 10mm CONTINUOUS AIR GAP & PREVENT INGRESS OF BIRDS & LARGE INSECTS. USE PROPRIETARY "ROLL FORM EAVES VENT" BETWEEN RAFTERS TO MAINTAIN 50mm CLEAR AIRWAY ABOVE INSULATION.

CEILING
PROVIDE & FIX 12.7mm GYPROC WALLBOARD TO FIRST FLOOR CEILINGS & 10mm GYPROC WALLBOARD TO GROUND FLOOR CEILINGS. NOG ALL PERIMETERS & BOARD JOINTS PRIOR TO FIXING PLASTERBOARD TO FULLY SUPPORT SHEETING. FIX GYPROC COYING AND ARTEX FINISH TO CEILING. USE PROPRIETARY LOFT ACCESS HATCH TO FIRST FLOOR CEILING FITTED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

FIRST FLOOR CONSTRUCTION
PROVIDE & FIX 19mm WEYROC OR SIMILAR APPROVED TONGUED & GROUED FLOORING GRADE WOOD PARTICLE BOARD (WATER RESISTANT TO BEDROOM) ON G.S. GRADE SOFTWOOD FLOOR JOISTS TO THE SIZES INDICATED. PROVIDE SOLID STRUTTING AT MID SPAN OF JOISTS. BUILD JOISTS INTO WALLS TO FULL BEARING WIDTH OF WALL, BUT ENSURE NOT TO ENCRDACH INTO THE CAVITY.



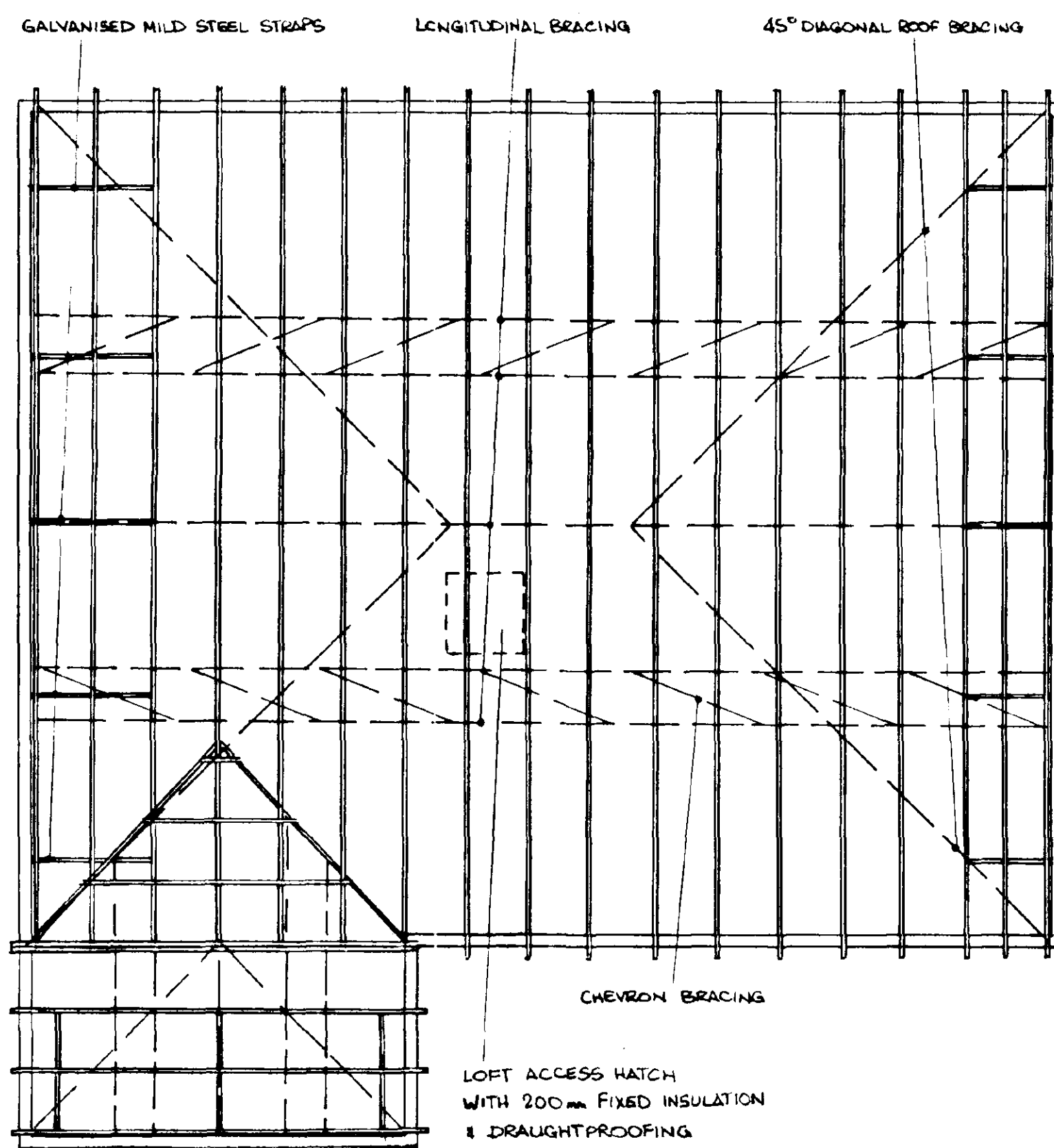
FLOOR JOISTS TO BE 50x200 SC3 TREATED TIMBERS AT 400 CENTRES (U.O.N.)

LOCALLY UNDER BATH PROVIDE DOUBLED UP JOISTS

STAIRWELL TRIMMING AND TRIMMER JOISTS TO BE 2N 63x200 SC3 TREATED TIMBERS BOUTED TOGETHER

FLOOR JOIST PLAN

SCALE 1:50



ROOF PLAN

SCALE 1:50

BUILDER NOTE -
SEE S.H.D.C. NOTE, RE APPROVAL OF MANUFACTURERS DETAILS & CALCS FOR ROOF TRUSSES, INCLUDING COMPOUND TRUSSES, AT LEAST 28 DAYS PRIOR TO FIXING OF TRUSSES.

TRUSSES TO BE AT 600 CENTRES

SOUTH HOLLAND DC
HOUSING & PLANNING
- 4 DEC 1998
11/9/98