

PITCHED ROOF CONSTRUCTION:

CONCRETE INTERLOCKING ROOF TILES TO MATCH EXISTING HOUSE TILES ON 25 X 50 MM TREATED SOFTWOOD BATTENS ON UNDERFELT TO B.S. 7447 (TYPE F) AND IN ALL CASES TO BE LAPPED 150 MM HORIZ AND VERT. TILES TO BE FIXED IN RECORD WIND SPEED, ROOF PITCH AND EXPOSURE. CHIMNEY AS DETAIL IN CP 3 CHAPTER V PART 2. TYPICAL SPREADSHEET RACE PRE-FABRICATED TRUSSES TO COMPLY WITH B.S. 5268 PART 3. TRUSSES AS DETAIL AND MAIN TO BE TANK TYPE AT 600 MM 1/2" AND TO A PITCH 35°. 25 X 100 MM ROSE NODS BINDER 2" X 1" X 1" (2" LEADING HANDS) AND HANDS RE TRUSSES NODS RESULTS. 25 X 100 MM CHIMNEY BRACING ON INTERMEDIATE JOINTS. MINIMUM 50 MM DEEP X 100 MM WIDE WALL PLATE BEDDED ON 1/2" AND HELD IN POSITION BY 30 X 5 MM W.S. ANCHOR STRAPS AT 1.2 M 1/2". ALL TRUSSES 100 MM 1/2" S.G. GRADE. 25 X 175 MM P.S.E. FASER AND VENTILATED. SATISFYING VENTILATION EQUIVALENT TO A 10 MM CONTINUOUS GAP. BY THE JOINTS ON TRUSSES WITH 150 MM SLEEVES.

L.W. GOODS:

65 MM Ø UPVC DOWNPIPES AND 110 MM H.R. DOWNS

SURFACE WATER DRAINAGE:

12.5 MM DIA UNDERGROUND PIPES FLEXIBLY JOINTED TO A FALL 1 IN 10. PIPES BEDDED ON 50 MM PER GRAVEL AND TO DISCHARGE INTO 12.5 MM DIA DRAINAGE MAIN 5.0 M FROM ANY DWELLING.

UNITS:

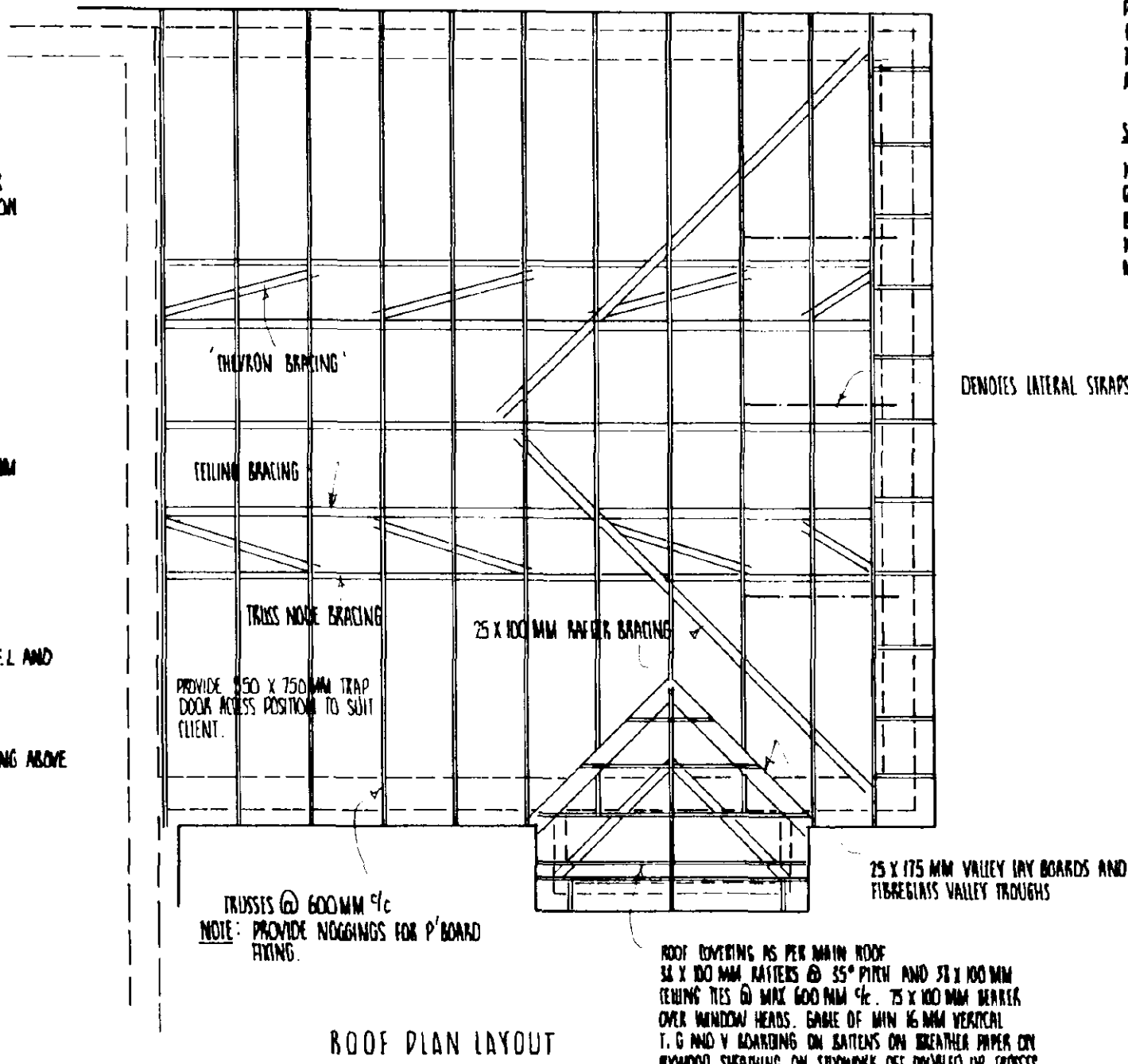
SPECIFIED UNITS AS MANUFACTURED BY BISSER. I.G. UNITS LED. INSTALLED AS STANDARD. REINFORCED WITH A MINIMUM 150 MM END BEARING.

GLAZING:

ALL WINDOWS DOUBLE GLAZED. ALL GLAZING BETWEEN F.F.L. AND 200 MM HIGH AND BETWEEN F.F.L. AND 200 MM HIGH IN DOORS TO BE SAFETY GLAZES TO B.S. 6206.

PROTECTION TO L.W. AND S.W. PIPES:

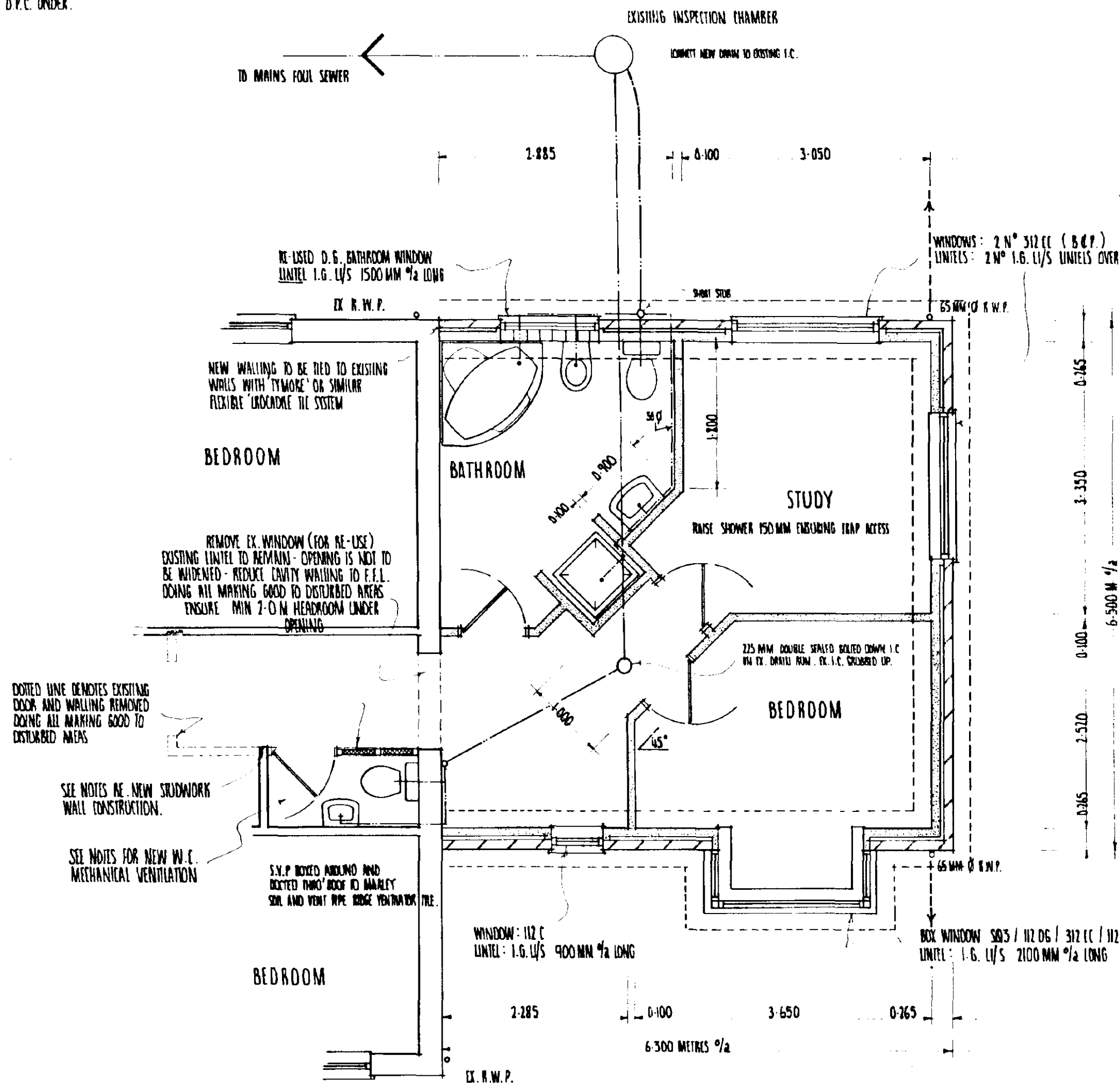
WHERE FLEXIBLE PIPES HAVE LESS THAN 600 MM COVER CONCRETE PAVING SLABS SHOULD BE Laid AS BRIDGING ABOVE THE PIPES ON MIN 75 MM PER GRAVEL.



ROOF PLAN LAYOUT

INTERNAL STUDYWORK PARTITIONS:

75 X 50 MM SLABS AT MAX 400 MM 1/2" WITH CONTINUOUS HEAD AND SOLE PLATE AN INTERMEDIATE JOINTS. STUDYWORK JOINED WITH 12.5 MM MUSTERBOARD FIXED WITH GALVANISED NAILS @ 100 MM 1/2". 5 MM SKIN FINISH. PROVIDE FIRE-RESISTANT INSULATION BETWEEN STUDYWORK. PROVIDE BUT FILL D.P.C. UNDER.



FOUNDATIONS:

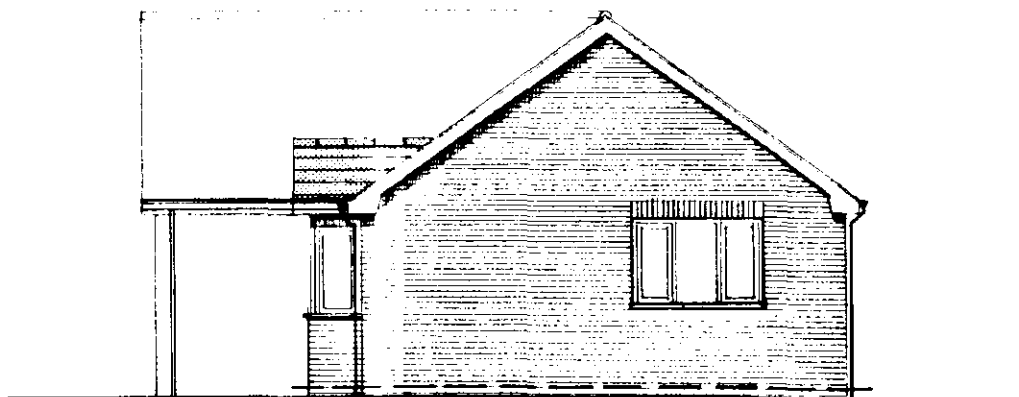
PROVIDE CONCRETE STRIP FOUNDATIONS MIN 100 MM WIDE X 225 MM DEEP UNLESS CAVITY WALLS. CONCRETE SLAB ON EQUIVALENT GRADE TO B.S. 5328 AT B.S. 8110. FOUNDATIONS TO BE TAKEN DOWN TO A MINIMUM DEPTH OF 750 MM BELOW GROUND LEVEL OR TO A SUITABLE DEPTH AGREED WITH LOCAL AUTHORITY OR SITE BUILDING CONTROL OFFICER.

SUB-STRUCTURE FINISHING:

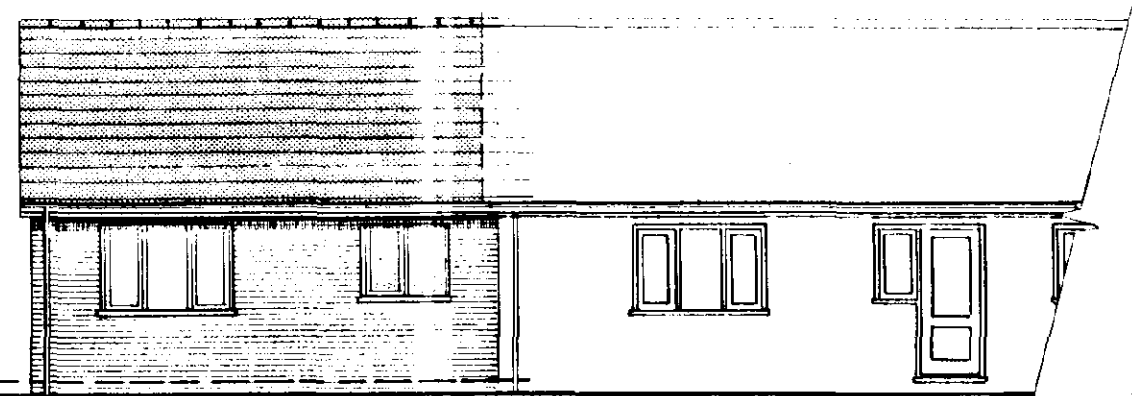
100 MM CLASS 'A' CONCRETE BLOCKWORK D.P.C. POSITIONED IN ACCORD CP 102 MINIMUM 150 MM ABOVE GROUND LEVEL. F.F. TRAP MIX CONCRETE UNTIL TO Cavity TO TERMINATE 125 MM BELOW LOWEST D.P.C. BLOCKS BELOW D.P.C. TO BE F.F. DESIGNATION TO B.S. 3972. DRAINS PASSING THROUGH WALLS TO BE PROTECTED BY CONCRETE UNITS WITH 50 MM GAP BETWEEN THE UNDERSIDE OF THE UNITS AND CROWN OF THE PIPE. GAP FILLED WITH COMPRESSIBLE MATERIAL AND PRIMER VERMAM GRADU TO EXT. FACE OF WALL.

FOUR DRAINAGE:

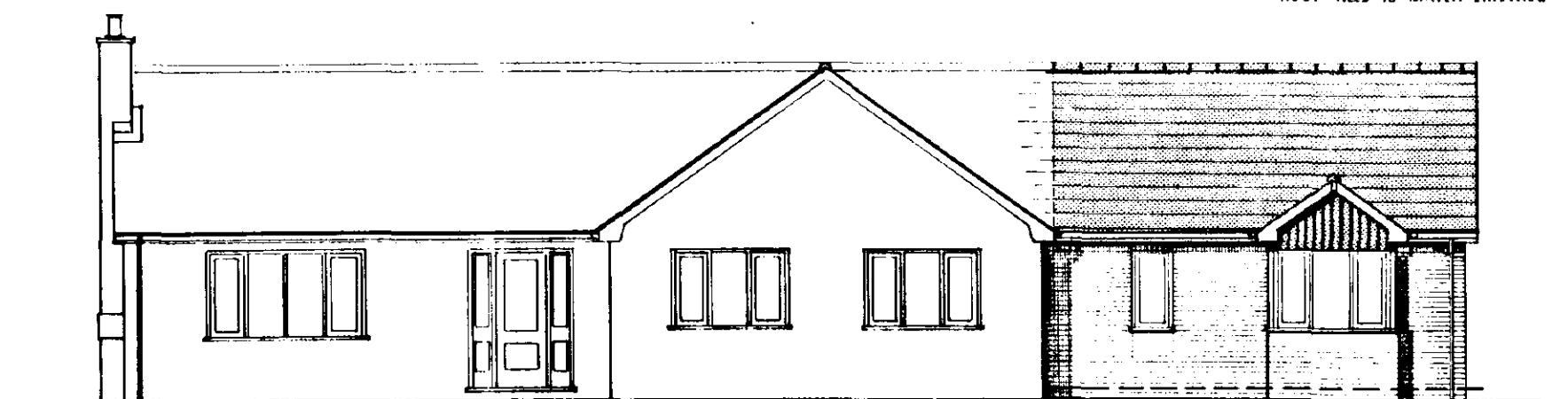
INSPECTION CHAMBER CONSTRUCTION TO BE 'OSMA' OR SIMILAR APPROVED MANUFACTURER AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS WITH THE INTERVAL DIA RELATED TO THE DEPTH IN ACCORDANCE WITH B.S. 8301: 1985. FOUR DRAINS TO BE 100 MM DIA. P.V.C. TO B.S. 4660: 1985 FLEXIBLY JOINTED AND Laid TO WATER'S INSTRUCTION WITH A FALL OF 1 IN 10. DRAINS BEDDED ON 50 MM PER GRAVEL. WHERE PIPES PASS UNDER FLOORS UNDER PIPES IN 150 MM PER GRAVEL. WHERE PIPES PASS UNDER DRIVES SURROUND IN 150 MM CONCRETE WITH FLEXIBLE JOINTS TO CORRESPOND WITH JOINTS IN PIPENETWORK. PROVIDE 65 X 100 MM PRESTRESSED CONCRETE UNITS BRIDGING WHERE PIPES PASS THROUGH WALLS. ALLOW 50 MM GAP AROUND PIPE OPENINGS MARKED BOTH SIDES OF WALL WITH RIGID SHEET MATERIAL. SOIL AND VENT PIPES TO BE 100 MM INT. Ø P.V.C. TO B.S. 4514: 1983 AND TO EXTEND 900 MM ABOVE WINDOW HEADS AND TO TERMINATE IN A BALLOON FINIAL. WASTE PIPES TO BE 40 MM Ø P.V.C. TO B.S. 3943: 1979 COMPLETE WITH ROUNDOFF ENDS AT EVERY CHANGE IN DIRECTION. BATH, BURNING AND SINK TO HAVE 75 MM DEEP SEALED TRAPS.



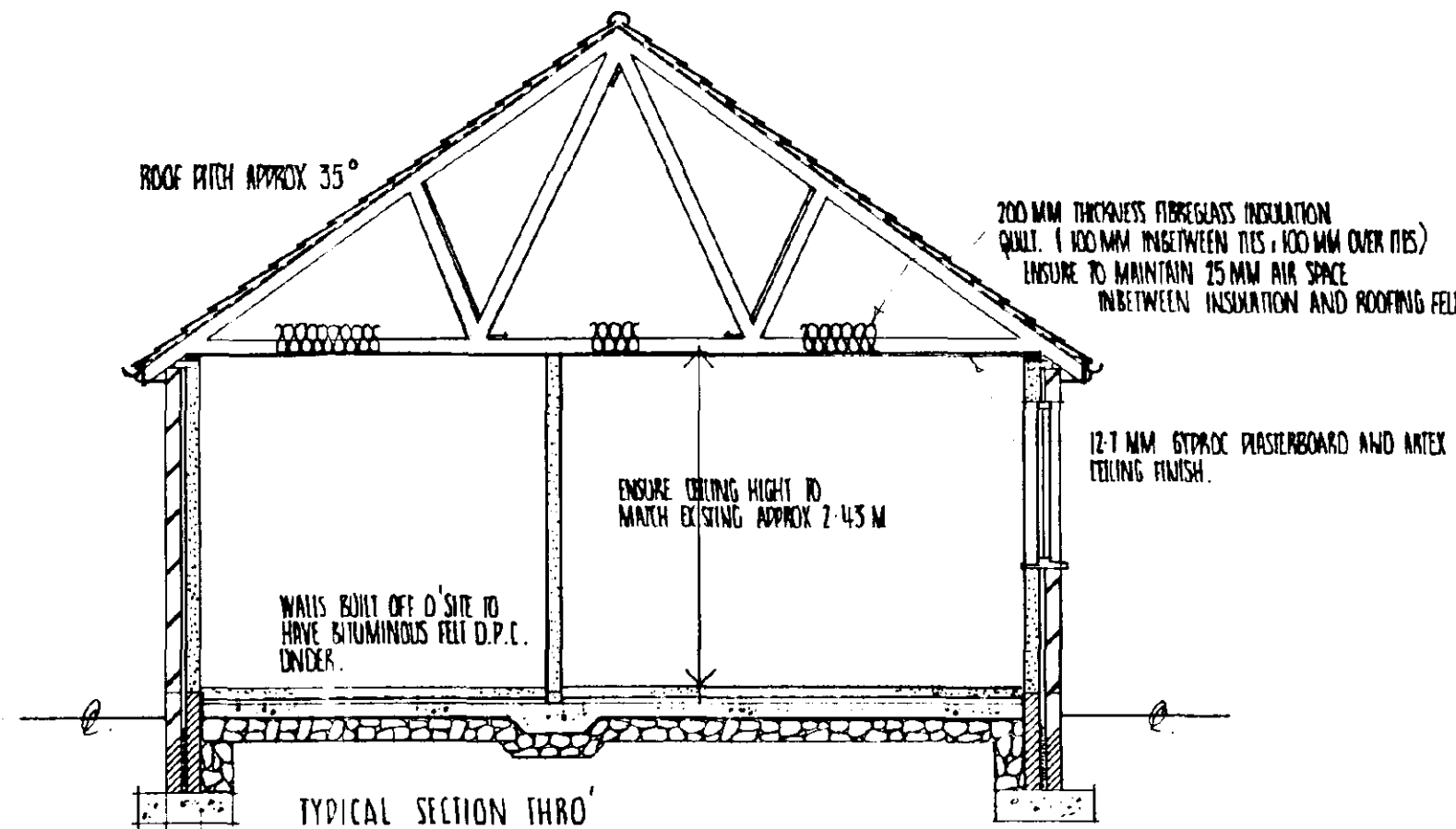
NORTH ELEVATION PROPOSED



WEST ELEVATION PROPOSED (REAR)



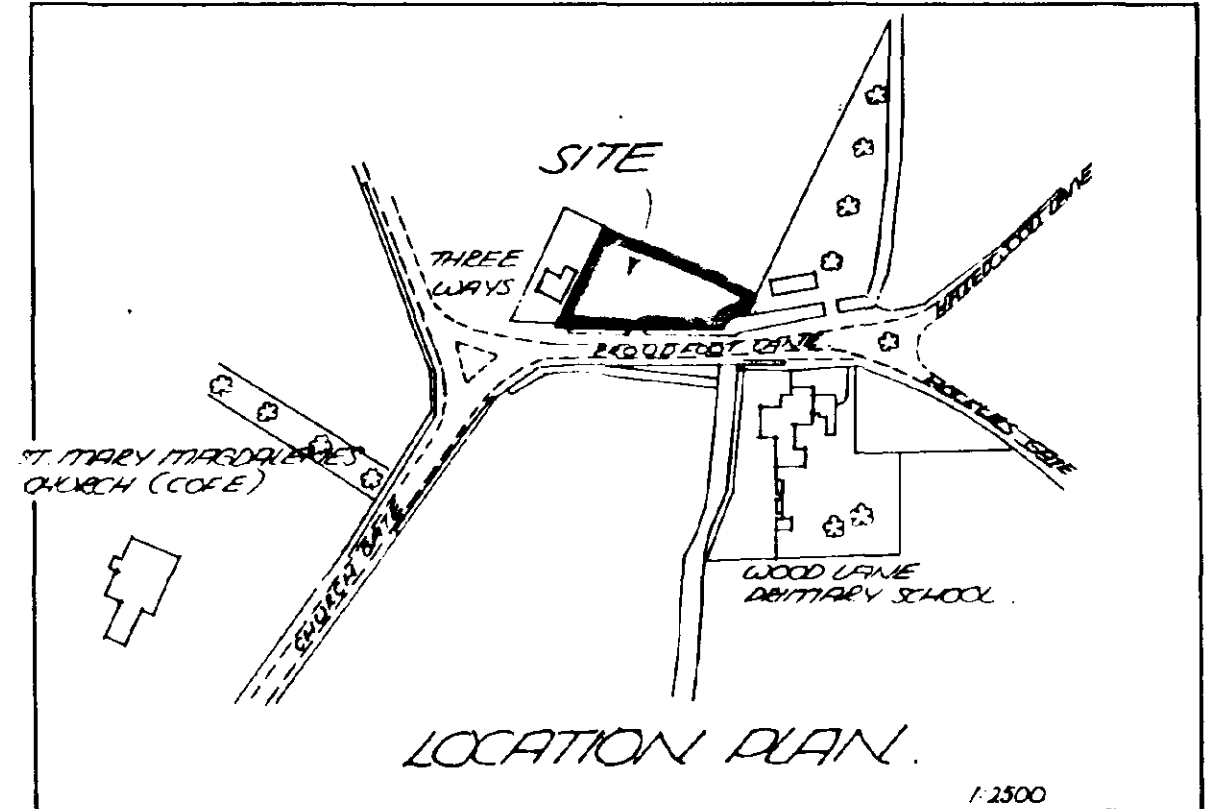
EAST ELEVATION PROPOSED (FRONT)



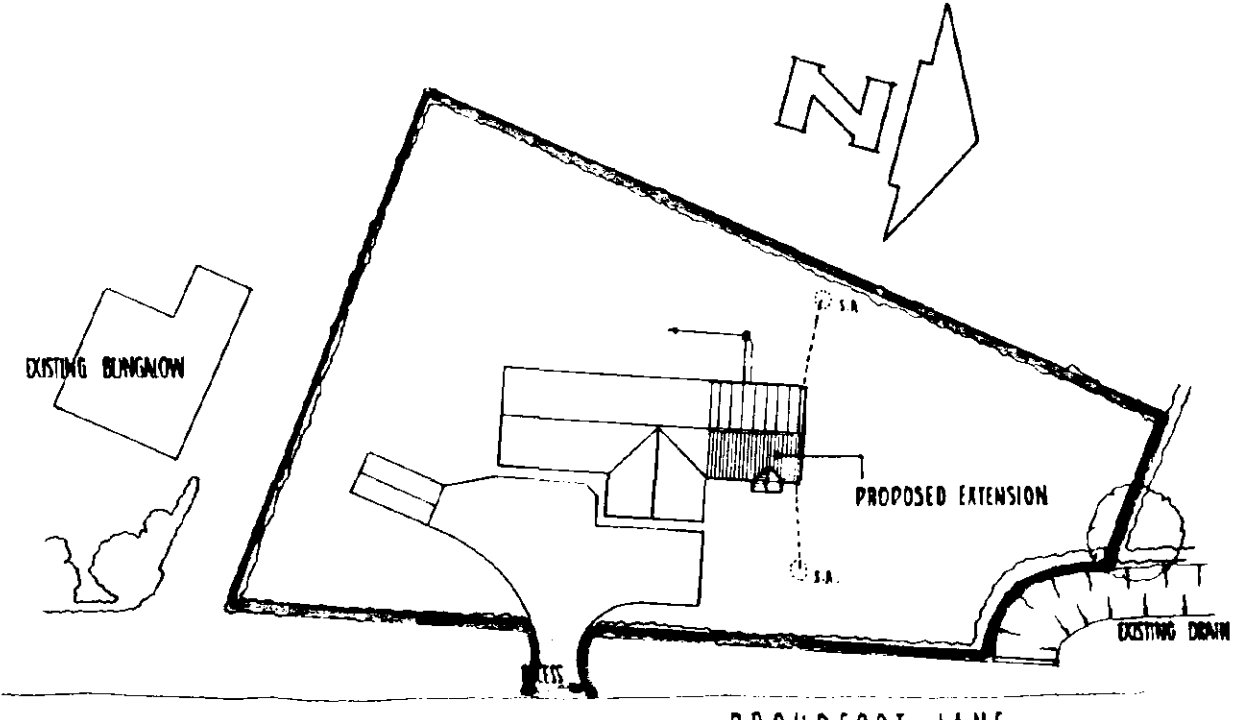
TYPICAL SECTION THRO'

CAVITY WALL CONSTRUCTION:

205 MM CAVITY WALLING TO CONSIST: 100 MM EXTERNAL FACING BRICKWORK TO MATCH EXISTING. 105 MM CAVITY. 100 MM INTERNAL. SOUP OF TRIMMAY 'HEMELITE' SOLID INSULATION IN STREET ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND TO MAINTAIN 25 MM AIR SPACE. CAVITY SPANS TO BE TIED TOGETHER USING GALVANISED 100 MM Ø PLASTIC TIES SET @ 900 MM HORIZONTAL CAV. 450 MM VERTICAL CAV. AND 300 MM Ø ENHANCED CAVITY COUSERS TO B.S. 1945. PIER CAVITY UNITS AT JOINTS, SILL AND CHIMES AND PROVIDE BITUMINOUS FELT D.P.C. JOINTS. PROVIDE VERMAM PLASTERBOARD TO WALLS AND DOOR HEADS AND REVEALS. BRICKWORK TO RECEIVE 12 MM 1/2" RENDER AND SKIN. CAVITY WALLS TIED TO EXISTING WITH TYMOR OR SIMILAR SYSTEM.



LOCATION PLAN

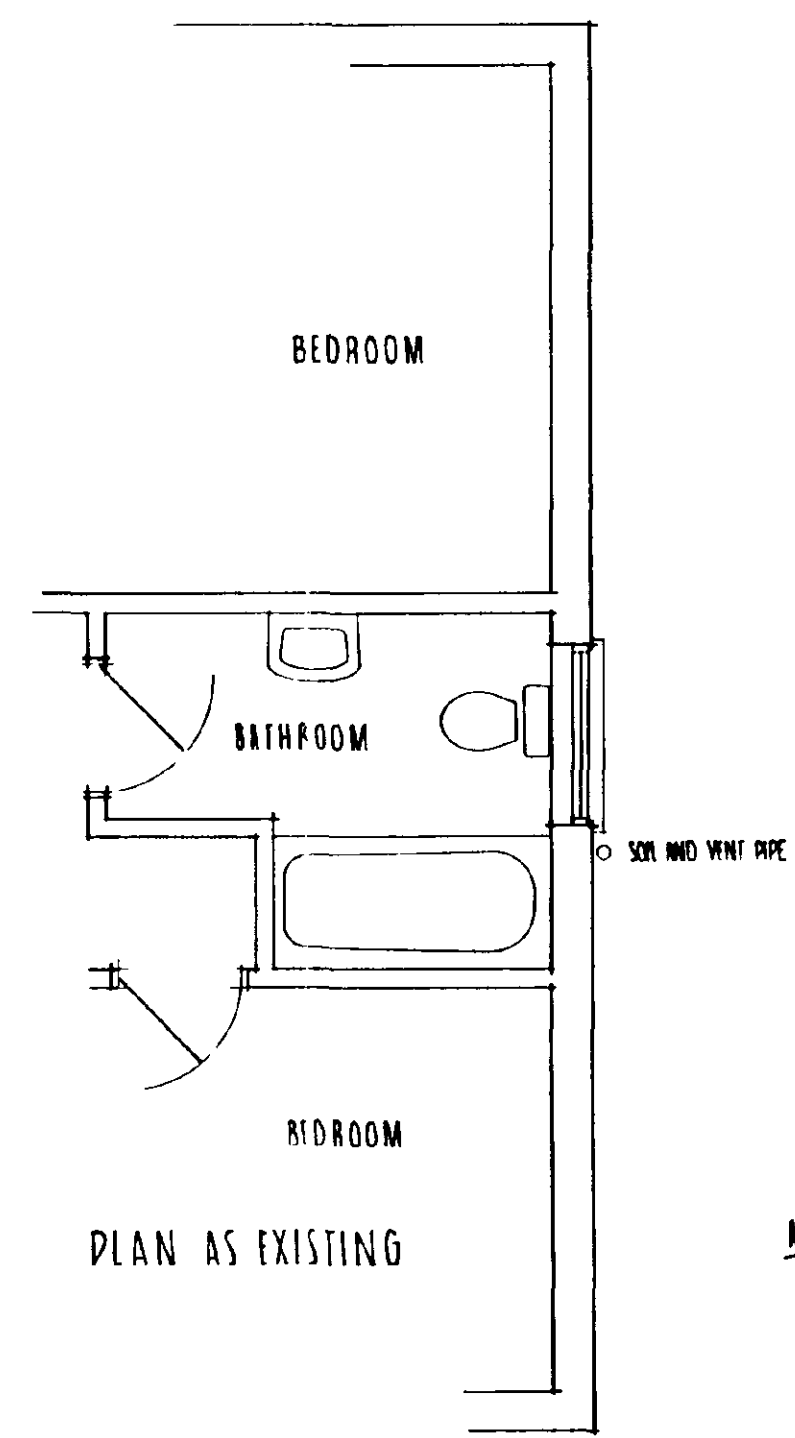


BLOCK PLAN 1:500

GROUND FLOOR CONSTRUCTION:

BASELINE FINISHED FLOOR IS LEVEL WITH EXISTING. STRIP ALL VERTICAL SOIL AND LAY DOWN AS FOLLOWS: 70 MM SAND, GRADUALLY SIEVED ON 500 GAUGE P.V.C. D.P.M. ON 28 MM THICKNESS DOUBLE R. REINFORCED T12/150. CEMENT INSULATION BOARD AND PERIMETER INSULATION UNITS IN STREET ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. INSULATION BOARDING ON 1200 GAUGE P.V.C. D.P.M. WITH UNITS JOINTS AND LAPPED AND WATER TIGHT. 50 MM D.P.C. ON 100 MM CONCRETE. CONCRETE SLAB ON 150 MM WITH BUNDLED AND CONSOLIDATED (FROM LUNESTONE) ON CHARACTERISTIC MAKE. THICKEN OUT D'SITE UNDER INT. WALLS TO 150 X 225 MM, 1/2" BATTERS OR PROVIDE 100 MM WIDE STRIP 1252 MESH REINFORCEMENT IN D'SITE UNDER WALLS.

ELECTRIC: SOCKET CIRCLES AND LIGHT POINTS TO BE REGULAR AND AS PER STANDARD.



PLAN AS EXISTING

MECHANICAL VENTILATION:

M.E.: LIGHT SWITCH OPERATED EXTRACTOR FAN WITH OVERCUT CAPABLE OF EXTRACTING AT A RATE NOT LESS THAN 15 L / SECOND EXTRACTOR TO EXTRACT.

BATHROOM: PROVIDE MECHANICAL VENTILATOR CAPABLE OF EXTRACTING AT A RATE NOT LESS THAN 15 L / SECOND.

JOINTS: SPECIFIED JOINTS BY BISSER. EXISTING AND PAUL WITH DOUBLE GLAZED SEALED UNITS AND SEALED TO MATCH EXISTING WINDOWS. WINDOWS FITTED WITH THICK VENTILATORS GIVING 2000 MM² FREE VENTILATION MINIMUM.

HEATING: EXTENSION TO BE ELECTRICALLY HEATED VIA ECONOMY 7 SYSTEM EXISTING.

PODDINGTONS

Architectural Design Consultants

43 Double Street, Spalding, Lincs. PE11 2AA
Tel: 0775 761856 & 768206. Fax: 0775 710218

SOUTH HOLLAND DC
HOUSING & PLANNING
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PROPOSED EXTENSION TO BUNGALOW:
MONK'S ACRE, DROUDFOOT LANE,
FLEET HARGATE, SPALDING, LINCOLNSHIRE.
CLIENT: MR & MRS. M. SETH

SCALE 1:100, 1:50, 1:2500, 1:500

DATE: APRIL 1996

**DETERMINED
PLAN**