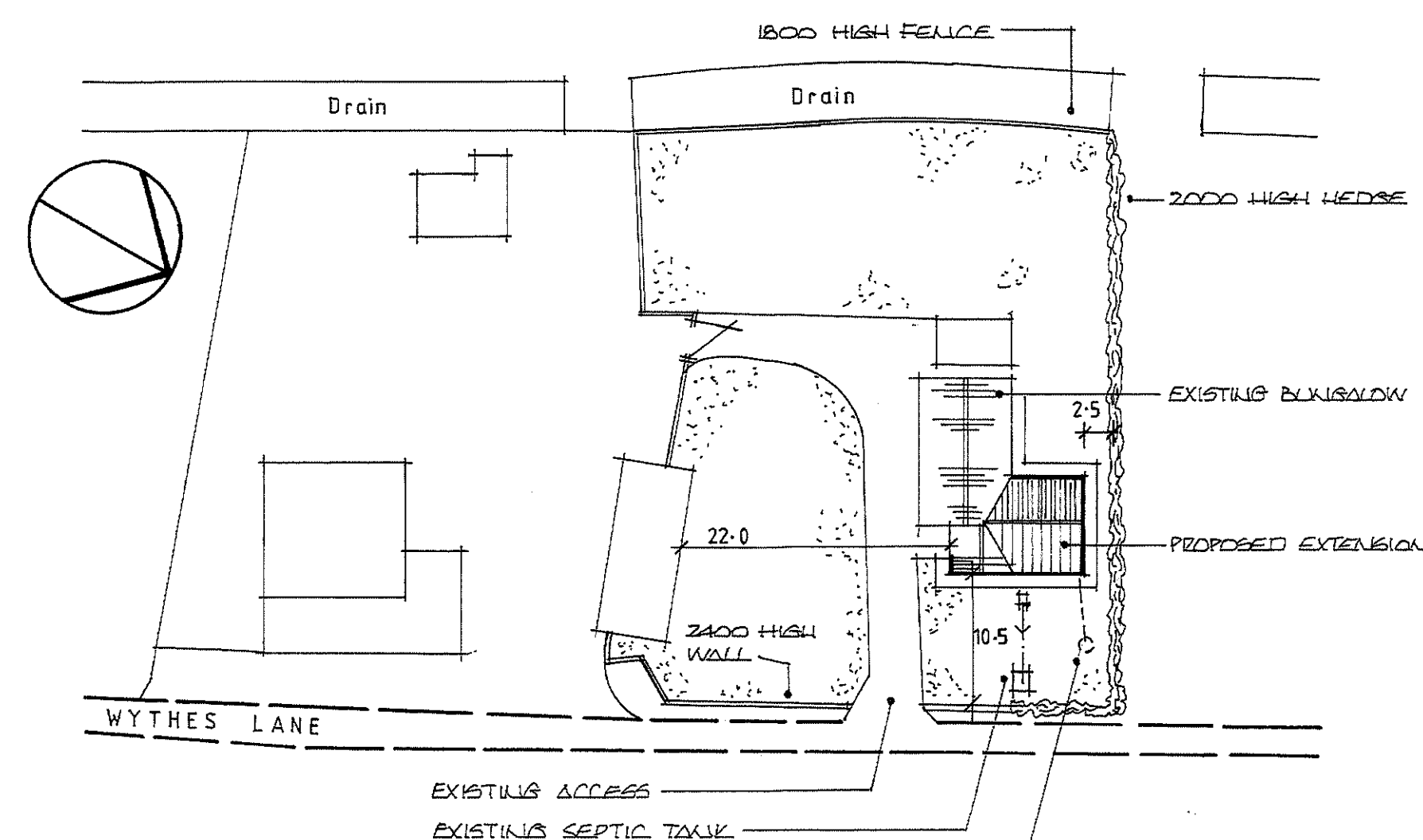


FRONT ELEVATION

SIDE ELEVATION (to Wythes Lane)

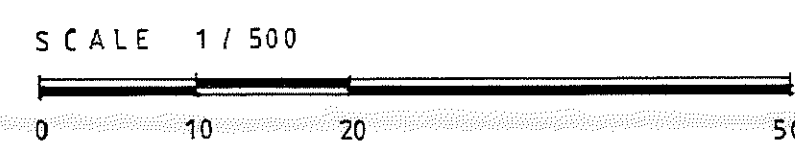
REAR ELEVATION

SIDE ELEVATION



BLOCK PLAN

1 / 500



MILD STEEL STRAPS OF 30x5 CROSS SECTIONAL AREA AT MAX 2000 CENTRES POSITIONED AT VERGE & CEILING HEIGHTS.

100 CARDWELL WOOL BETWEEN JOISTS & 170 OVER. — U-VALUE = 0.16

110 BUTTERS & 69 DIA. R.W.P.s TO MATCH EXISTING.

12.5 PLASTERBOARD & SKIN CEILINGS.

100 BLOCKWORK INTERNAL PARTITIONS.

D.P.C. MIN 150 ABOVE GROUND LEVEL.

400x225 & 450x225 STRIP CONCRETE FOUNDATIONS TO A SUITABLE LOADBEARING STRATA & AT DEPTHS AGREED ON SITE WITH THE BUILDING CONTROL OFFICER. USE CONCRETE MIX AS IN 3.

N.B. FOUNDATIONS TO BE IN ACCORDANCE WITH N.H.B.C. GUIDANCE, CHAPTER 4.2.8 "BUILDINGS NEAR TREES".

ALL EXISTING FOUNDATIONS TO BE INSPECTED & CONFIRMED SUITABLE FOR THE PROPOSED WORKS.

ROOF TILES TO 22½° & 35° PITCHES AS SHOWN ON BATTENS & TYVEL SUPRO PLUS VAPOUR PERMEABLE UNDERLAY. ALL FIXINGS TO BS 5534.

TRUSSED RAFTERS TO 22½° & 35° PITCHES & AT 600 CENTRES WITH 25x100 LONGITUDINAL, DIAGONAL & CHEVRON BRACING TO BS 5268 & WITH 100x50 WALL PLATES. ALL RISES PITCHES & SPANS TO BE CONFIRMED PRIOR TO MANUFACTURE.

100 FACING BRICKWORK TO MATCH EXISTING BS CAVITY & DITHERM 82 INSULATION FILL 100 DUNLOP SURABLOC INNER LEAF. 51/8 STAINLESS STEEL WALL TIES PER EVERY 50.900mm & AT EVERY BLOCK COURSE AROUND OPENINGS. U-VALUE = 0.28

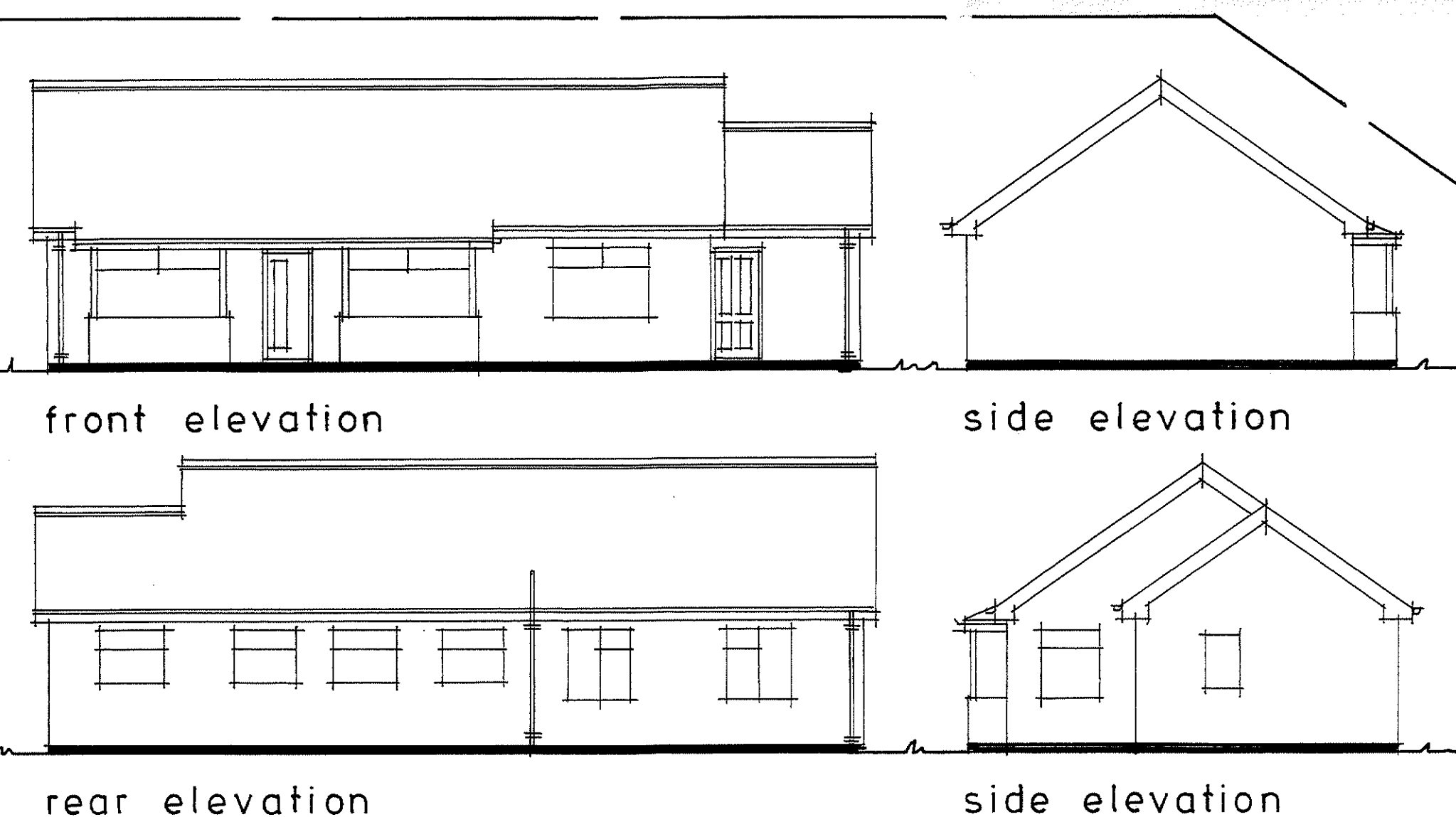
50 SCREED ON 100 CONCRETE SITE SLAB ON 1200S. POLYTHENE V.C.L. ON 100 THICK POLYFOAM PLUS FLOOR INSULATION ON 1200S. POLYTHENE D.P.M. ON 150 BLINDED HARDWARE. TURN 25 THICKNESS OF INSULATION UP AT EDGES & LAP D.P.M. & D.P.C. — USE CONCRETE MIX GEN 1.

LEAD MIX CAVITY FILL TO 225 BELOW GROUND LEVEL.

### Generally

- WINDOWS & DOORS TO BE SEALED DOUBLE GLAZED UNITS & FITTED WITH TRICKLE VENTS TO GIVE 8000mm² VENT AREA AT EACH UNIT. OPENING VENT AREA OF WINDOWS TO BE MIN 1/20 OF ROOM FLOOR AREA. WINDOWS MAX U-VALUE = 1.6 & DOORS MAX U-VALUE = 1.8
- ALL GLAZED AREAS ARE TO COMPLY WITH BS 6206 & APPROVED DOCUMENT K — I.E. ANY GLAZING TO WINDOWS WITHIN 800 OF FLOOR LEVEL & TO DOORS & SIDELIGHTS WITHIN 1500 OF FLOOR LEVEL TO BE EITHER TOUGHENED OR LAMINATED GLASS.
- ENCLOSE NEW STUDY HAS A WINDOW WITH AN OPENING SASH WITH A CLEAR WIDTH OF MIN 450 & WITH A MIN AREA OF 0.33m² (ESCAPE WINDOW)
- USE INSULATING CAVITY CLOSERS AT OPENINGS TO GIVE A U-VALUE = 1.2 — ALL FRAMES TO LAP THE VERTICAL D.P.C. BY MIN 38.
- CATNAC INSULATED CAVITY WALL UNITS OVER ALL OPENINGS REF. C670/100 UNLESS STATED OTHERWISE ON PLAN — ENSURE MIN 150 END BEARINGS & ALL UNITS IN EXPOSED WALL TO HAVE KEEP HOLES & STOP ENDS.
- FIX FANS TO GIVE VENT RATES THUS 8- W.C. ————— 8 LITRES / SEC. UTILITY ROOM ————— 30 LITRES / SEC. KITCHEN AREA ————— 60 LITRES / SEC. PROVIDE FULL COMMISSIONING CERTIFICATES TO THE BUILDING CONTROL OFFICER.
- FIX LOW ENERGY LIGHTING THROUGHOUT.
- PROVIDE HEAT DETECTOR IN KITCHEN AREA & SMOKE DETECTORS IN HALL & LOBBY — DETECTORS TO BE MAINS OPERATED WITH BATTERY BACK UP & INTERCONNECTED.
- ALL ELECTRICAL WORK WHICH IS REQUIRED TO MEET THE DEMANDS OF PART P REGARDING ELECTRICAL SAFETY MUST BE DESIGNED, INSTALLED, INSPECTED, TESTED & CERTIFIED BY A PERSON COMPETENT TO DO SO.
- HEATING & HOT WATER DETAILS PROVIDED TO THE BUILDING CONTROL OFFICER UPON DESIGN COMPLETION. EXISTING OIL FIRED BOILER RETAINED (IN NEW UTILITY ROOM). ALL NEW RADIATORS FITTED WITH TR.V.s. — THE HEATING ENGINEER TO CERTIFY & COMMISSION THE SYSTEM.
- FIX 40 WASTES & 75 DEEP SEAL TRAPS THROUGHOUT.
- WHOLESOME WATER & HEATED WHOLESOME WATER TO BE PROVIDED TO SINKS & BASINS.
- WHERE HOT & COLD WATER TAPS ARE PROVIDED ON SANITARY APPLIANCES THE HOT WATER TAP SHOULD BE ON THE LEFT.

TYPICAL SECTION

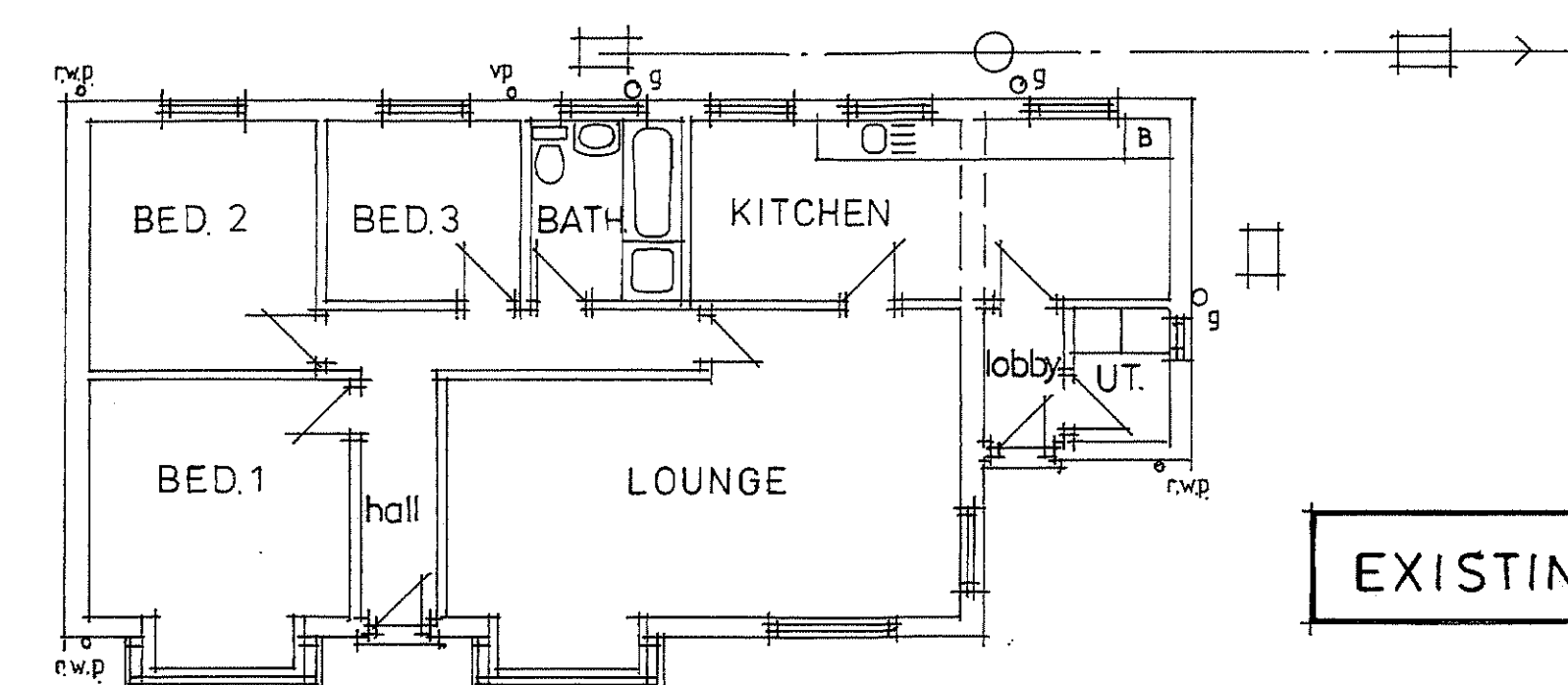


front elevation

side elevation

rear elevation

side elevation

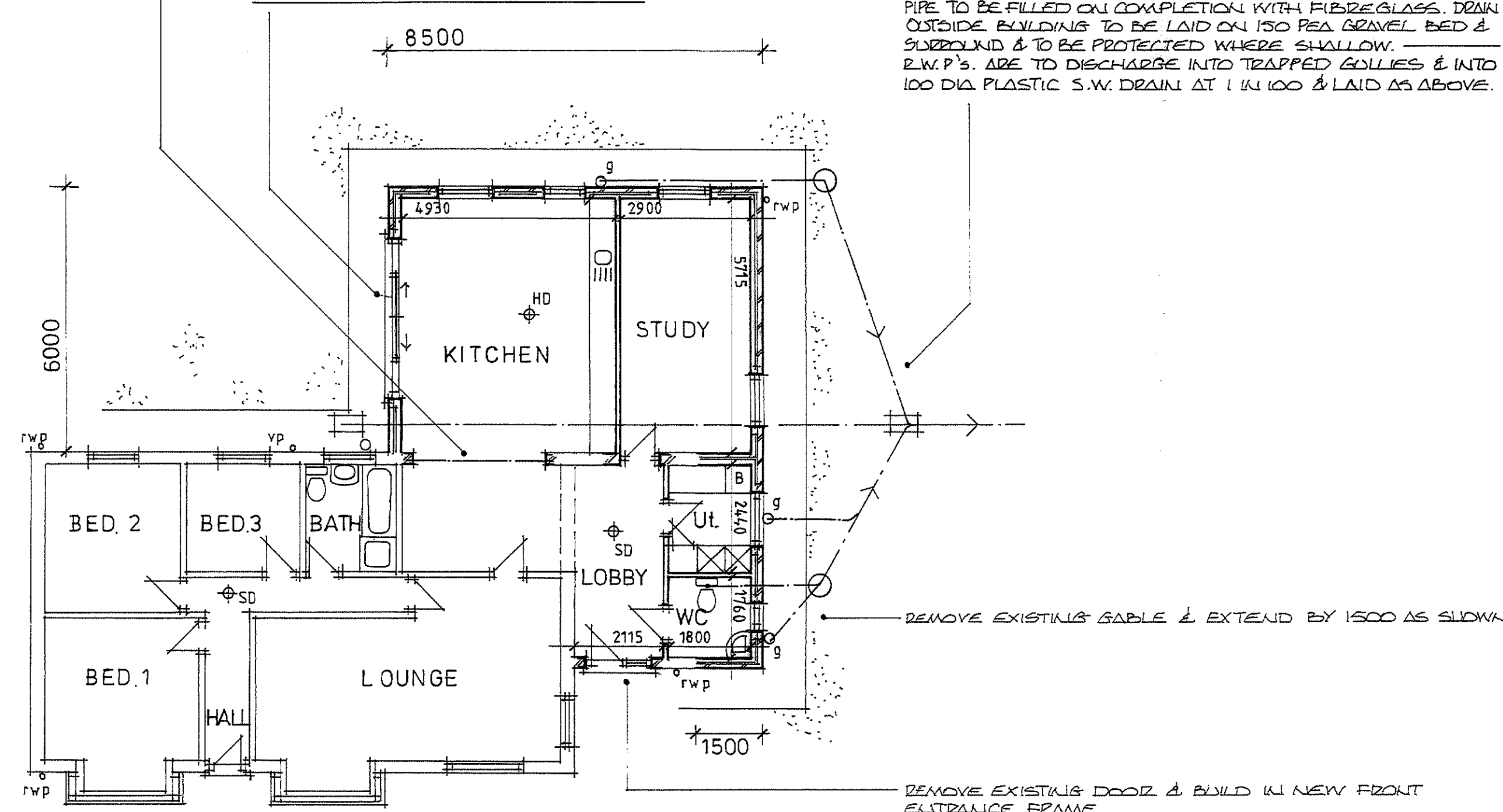


floor plan

EXISTING DETAILS

REMOVE WINDOWS & FORM OPENING THROUGH. BUILD IN CATNAC LINTOL REF. BHD 100 & PROTECT WITH 15 'FIRELINE' BOARD SURROUND.

CATNAC LINTOL REF. DXTD/100 OVER.

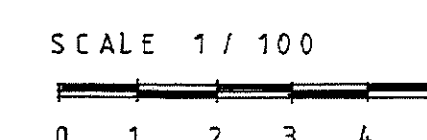


PROPOSED FLOOR PLAN

100 DIA PLASTIC F.W. DRAIN AT 1 IN 70 TO THE EXISTING F.W. SYSTEM & INCLUDING NEW 500 DIA I.C.s. DRAIN UNDER BUILDING SURROUNDED IN 150 CONCRETE & WHERE PASSING THROUGH WALLS TO BE PROTECTED WITH LINTOL OVER — (SPRINTITE OR SIMILAR) — & ALLOW 50 FREE GAP AROUND PIPE TO BE FILLED ON COMPLETION WITH FIBREGLASS. DRAIN OUTSIDE BUILDING TO BE LAID ON 150 FEA GRAVEL BED & SURROUND & TO BE PROTECTED WHERE SHALLOW. R.W.P.s. ARE TO DISCHARGE INTO TRAPPED GULLIES & INTO 100 DIA PLASTIC S.W. DRAIN AT 1 IN 100 & LAID AS ABOVE.

REMOVE EXISTING GABLE & EXTEND BY 1500 AS SHOWN.

REMOVE EXISTING DOOR & BUILD IN NEW FRONT ENTRANCE FRAME.



PROPOSED EXTENSION  
at  
MARSH FARM BUNGALOW  
WYTHES LANE  
FISHTOFT  
BOSTON  
PE21 0RG  
for  
MR. P. MANNING

SCALE 1 / 100, 1 / 500

DRWG. NO.

PM / 1