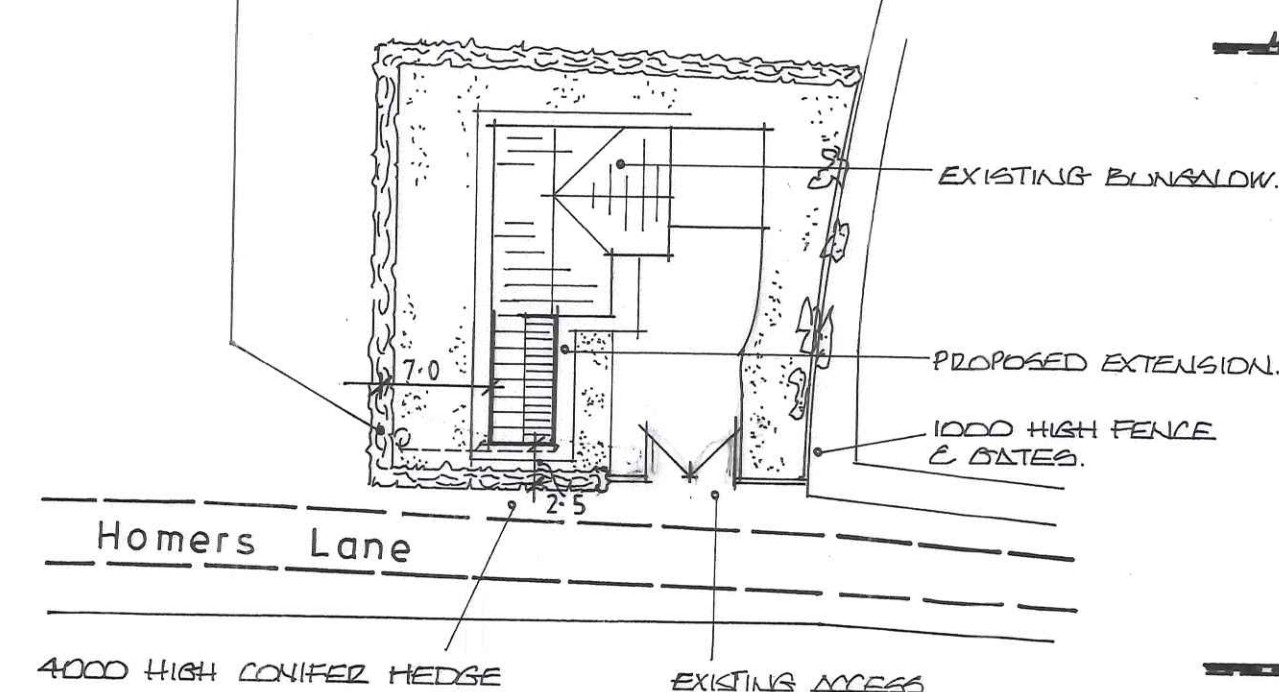
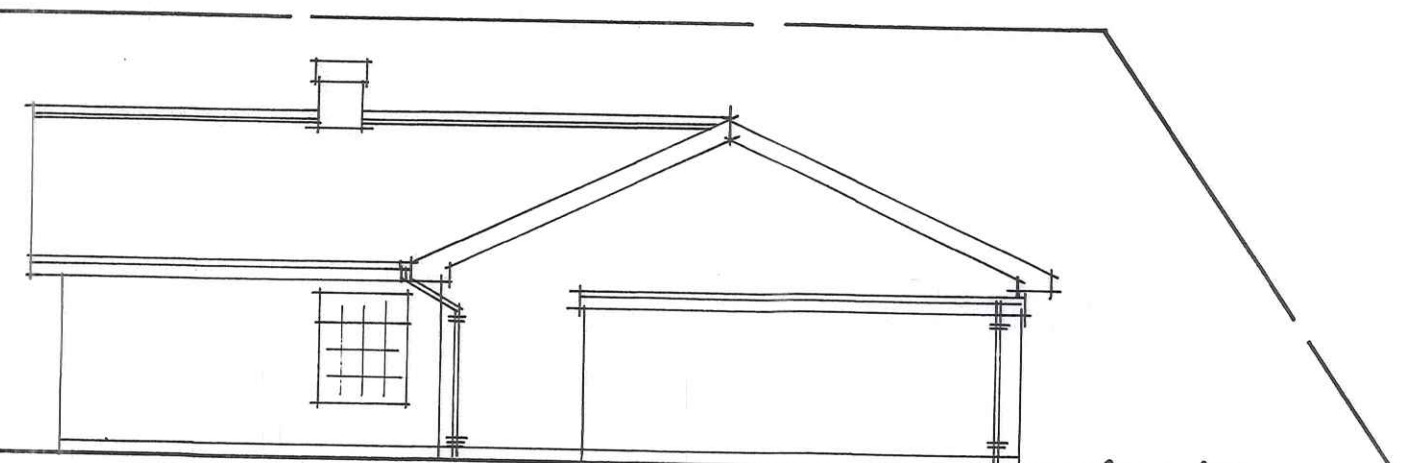




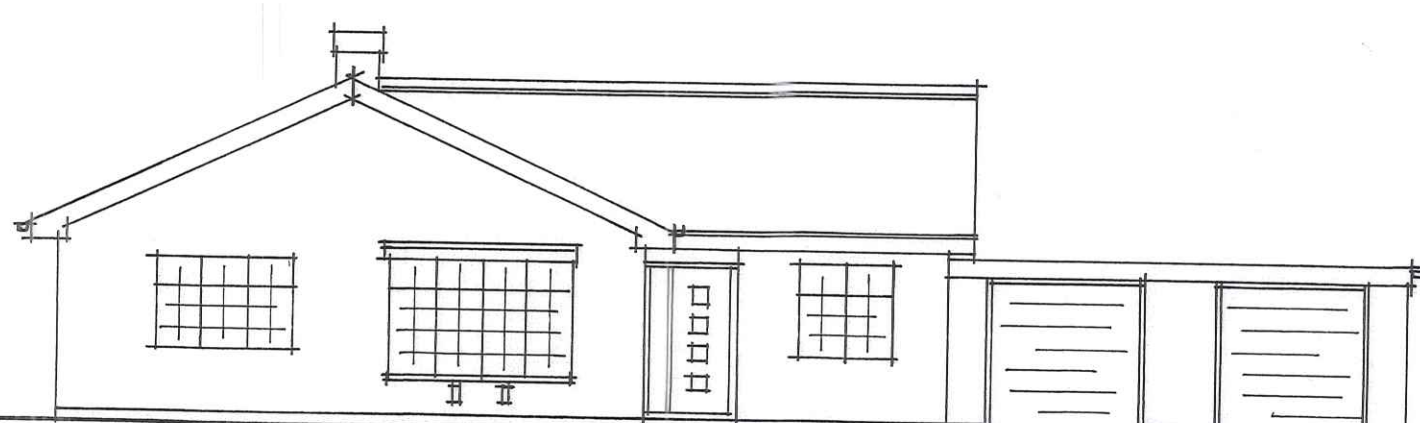
SURFACE WATER TO SOAKAWAY MIN 5000
FROM BUILDINGS. 1M³ MIN VOLUME BELOW
INVERT WITH CLEAN CURABLE FILL & TYPED
COVER OVER. SUBJECT TO PERCOLATION TEST.



BLOCK PLAN 1 / 500

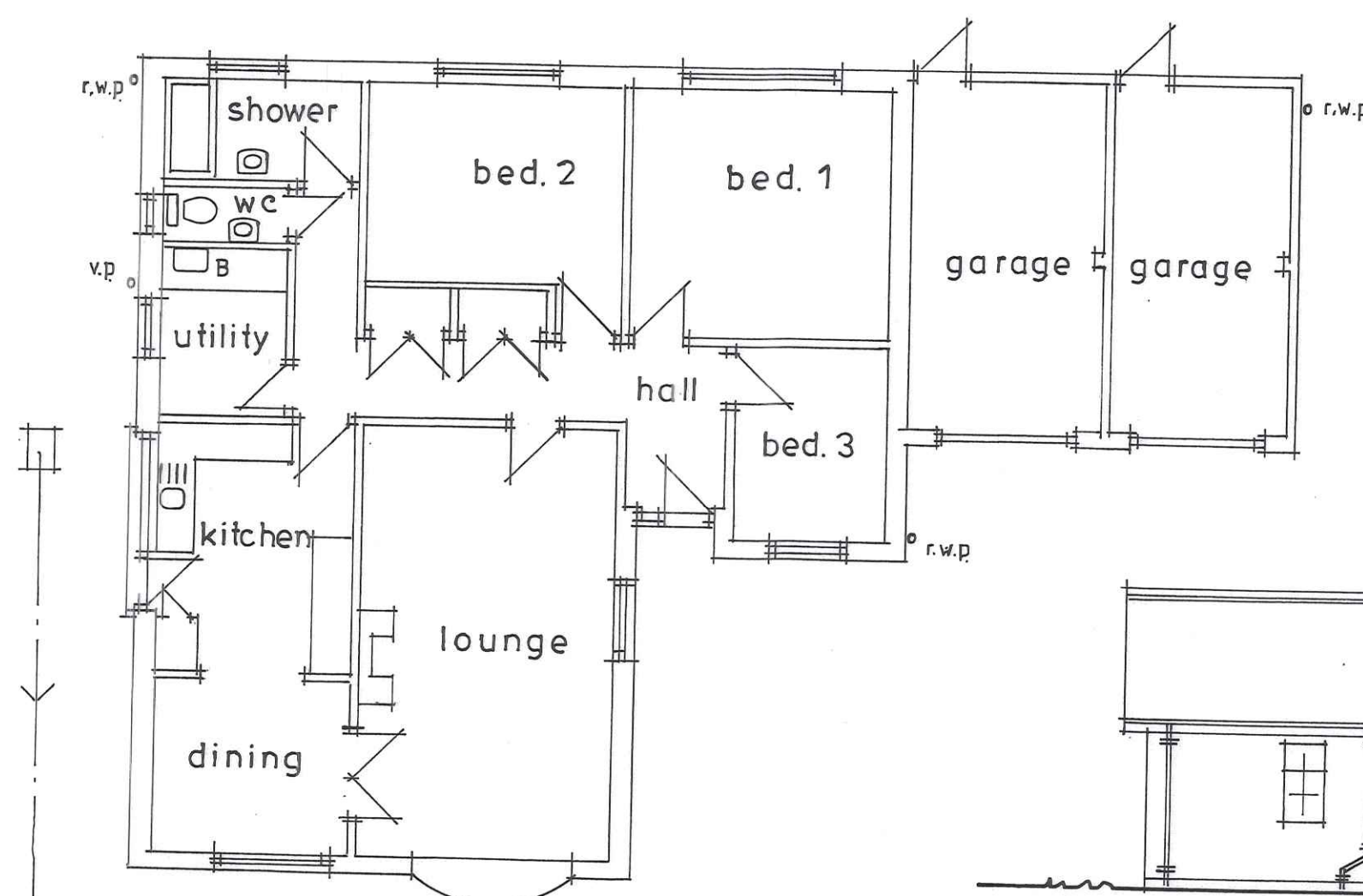


side elevation

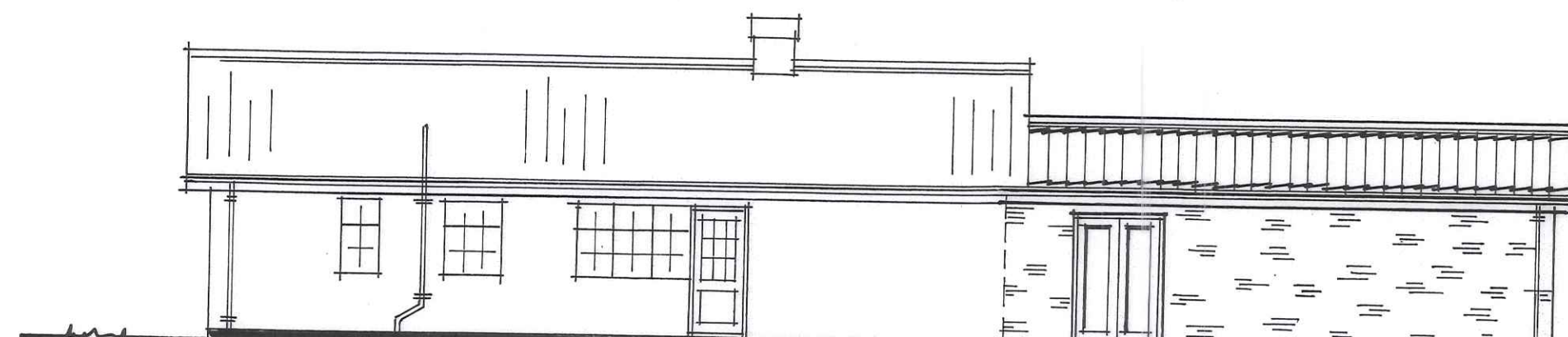


front elevation

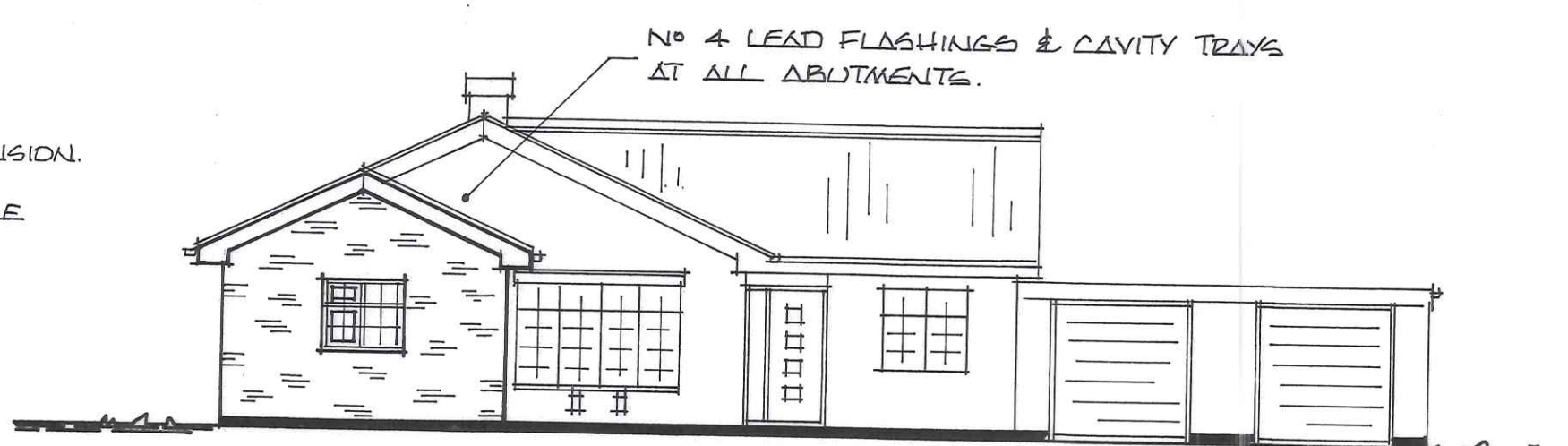
EXISTING DETAILS



floor plan



SIDE ELEVATION



FRONT ELEVATION

MILD STEEL STRAPS OF 30 x 5 CROSS SECTIONAL AREA
AT MAX 2000 CENTRES POSITIONED AT VERGE &
CEILING HEIGHTS.

100 CROWN WOOL BETWEEN JOISTS &
300 OVER. U-VALUE = 0.15

12.5 PLASTERBOARD & SKIM CEILINGS.

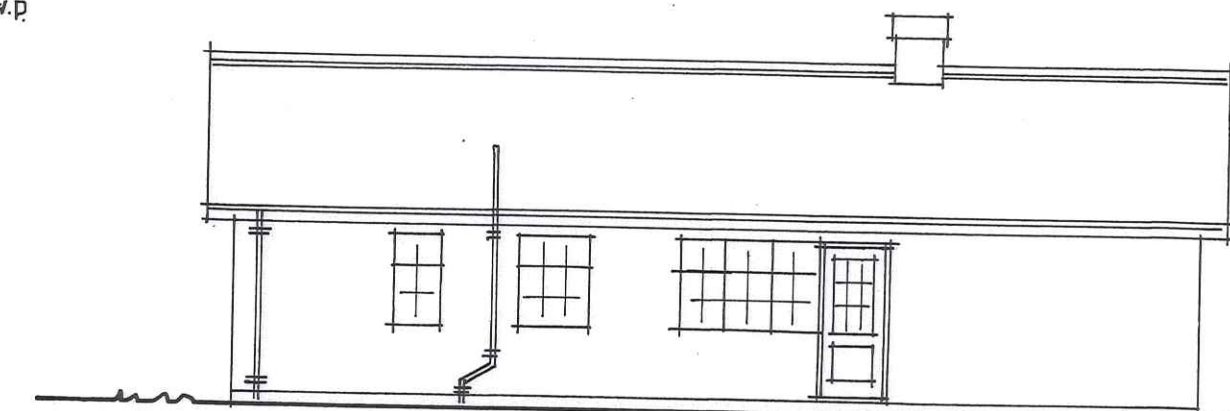
D.P.C. MIN 150 ABOVE GROUND LEVEL & LEAN MIX
CAVITY FILL TO 225 BELOW GROUND LEVEL.

50 SCREED ON 100 CONCRETE SITE SLAB ON 1200 G. POLYTHENE
V.C.L. ON 100 THICK CELOTEX BA 4000 BOARD ON 1200 G.
POLYTHENE D.P.M. ON 150 BLINDED HARDCORE. TURN 25 THICK
INSULATION UP AT EDGES & LAP D.P.M. & D.P.C.
USE CONCRETE MIX GEN 1. U-VALUE = 0.18

100 DIA PLASTIC F.W. DRAIN AT 1 IN 70 TO EXISTING SYSTEM.
ANY DRAIN UNDER BUILDING TO BE SURROUNDED IN 150
CONCRETE & WHERE PASSING THROUGH WALLS TO BE
PROTECTED WITH LINTOL OVER (SPANLITE OR SIMILAR) &
ALLOW 50 FREE GAP AROUND PIPE TO BE FILLED ON COMPLETION
WITH FIBREGLASS. DRAIN OUTSIDE BUILDING TO BE LAID
ON 150 RED GRAVEL BED & SURROUNDED & TO BE PROTECTED
WHERE SHALLOW. 2 W.P.'s ARE TO DISCHARGE INTO
TRAPPED GULLIES & INTO 100 DIA PLASTIC S.W. DRAIN AT
1 IN 100 & LAID GENERALLY AS ABOVE

REMOVE WINDOW & FORM OPENING THROUGH

CONSTRUCT 100 STUD PARTITION WALLS.
INSERT 25 MINERAL WOOL IN WALL
CAVITY—MIN DENSITY = 10 kg / m³



side elevation

SIDE ELEVATION

TILES TO MATCH EXISTING TO 25° PITCH ON BATTENS &
TYVEK SUPED PLUS VAPOUR PERMEABLE UNDERLAY.
ALL FIXINGS TO BS 5344.

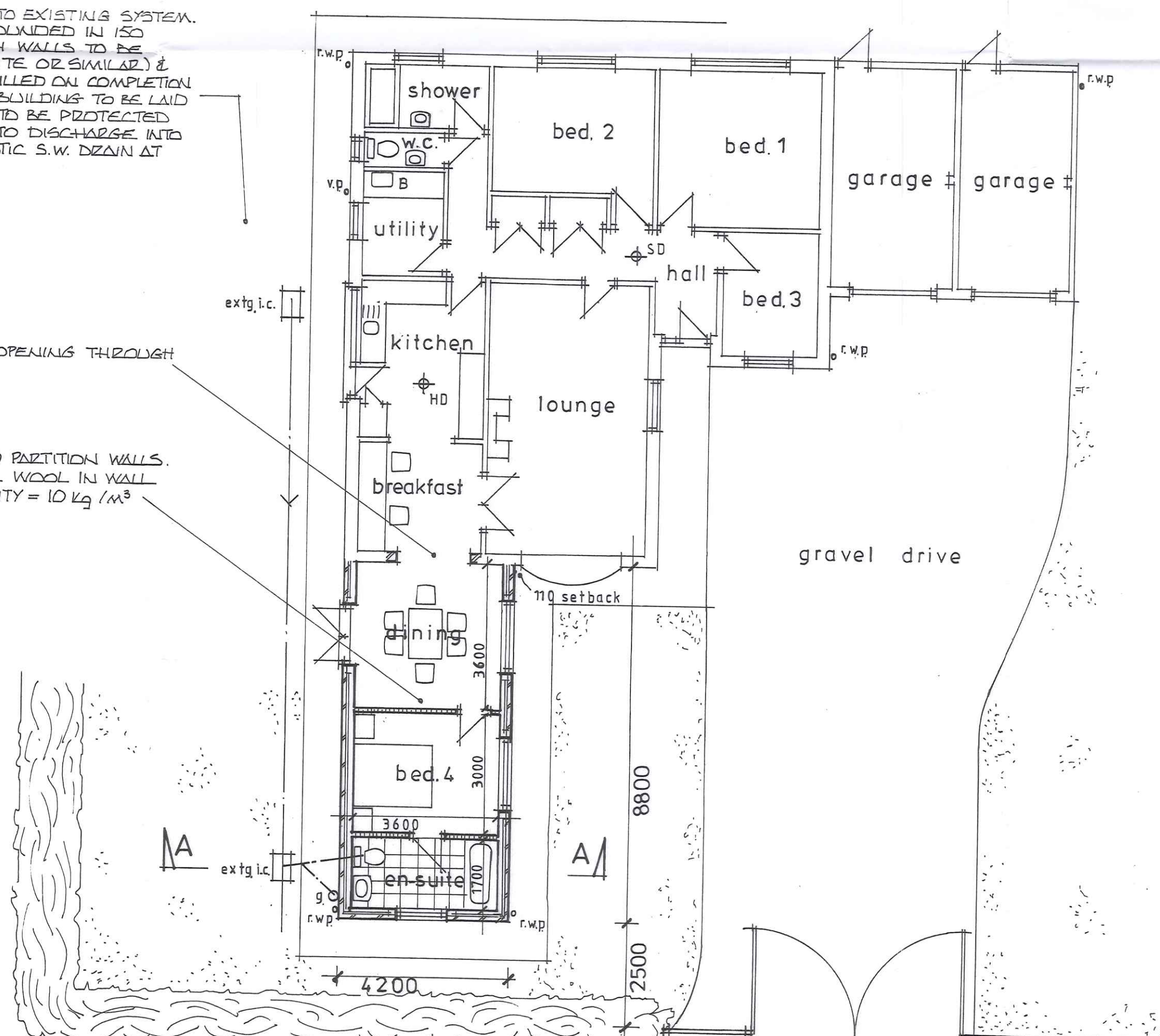
TRUSSED RAFTERS TO APPROX PITCH OF 25° & AT 600 CENTRES
WITH 25 x 100 LONGITUDINAL, DIAGONAL & CHEVRON BRACING
TO BS 5268 & WITH 100 x 50 WALL PLATES.
ALL RISES, PITCHES & SPANS TO BE CONFIRMED PRIOR TO
MANUFACTURE

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

100 FACING BRICKWORK TO MATCH THE EXISTING
100 CAVITY & 90 THICK CELOTEX THERMACLASS CAVITY WALL 21 INSULATION
100 DUROX 'SUPABLOC' INNER LEAF
51° STAINLESS STEEL WALL TIES PER 50 900 mm & AT EVERY BLOCK
COURSE AROUND OPENINGS.
ENSURE CAVITY IS CLOSED AT EAVES WITH NON-COMBUSTIBLE
MATERIAL. U-VALUE = 0.18

600 x 225 STRIP CONCRETE FOUNDATIONS TO A SUITABLE LOADEARING
STRATA & AT DEPTHS ASSEED ON SITE WITH THE BUILDING CONTROL OFFICER.
USE CONCRETE MIX GEN 3.
NB FOUNDATIONS TO BE IN ACCORDANCE WITH N.H.B.C. GUIDANCE
CHAPTER 4.2.3—'BUILDING NEAR TREES'

SECTION A-A



PROPOSED LAYOUT PLAN



Generally

- WINDOW & DOORS TO BE SEALED DOUBLE GLAZED
UNITS & FITTED WITH TRICKLE VENTS TO GIVE 8000mm²
VENT AREA AT EACH UNIT. OPENING VENT AREA TO
BE MIN 1/20 OF ROOM FLOOR AREA.
WINDOWS & DOORS MAX U-VALUE = 1.4.
- ALL GLAZED AREAS ARE TO COMPLY WITH BS 6206
& APPROVED DOCUMENT K-1. ANY GLAZING TO
WINDOWS WITHIN 800 OF FLOOR LEVEL & TO
DOORS & SIDELIGHTS WITHIN 1500 OF FLOOR LEVEL
TO BE EITHER TOUGHENED OR LAMINATED GLASS.
- USE INSULATING CAVITY CLOSERS AT OPENINGS TO
GIVE A U-VALUE = 1.2. ALL FRAMES ARE TO
LAP THE VERTICAL D.P.C. BY MIN 30.
- CATHIC INSULATED CAVITY WALL LINTOLS OVER ALL
OPENINGS REF 0590/100. ENSURE MIN 150 END
READINGS & ALL LINTOLS TO HAVE WEEP HOLES
& STOP ENDS.
- INSTALL FAN IN NEW EX-SUITE TO GIVE A
VENTILATION RATE OF 15 LITRES / SECOND &
PROVIDE A FAN COMMISSIONING CERTIFICATE TO
THE BUILDING CONTROL OFFICER.
- ENSURE NEW BEDROOM WINDOW HAS ALL
OPENING SASH OF CLEAR WIDTH MIN. 450 & WITH
A MIN AREA OF 0.33 M²—ESCAPE WINDOW.
- PROVIDE HEAT DETECTOR IN KITCHEN & SMOKE
DETECTOR IN HALL—TO BE MAINS WIRED WITH
BATTERY BACK UP & INTERCONNECTED.
- FIX LOW ENERGY LIGHTING THROUGHOUT
- ALL ELECTRICAL WORK IS REQUIRED TO MEET THE
DEMANDS OF PART P REGARDING ELECTRICAL SAFETY
& MUST BE DESIGNED, INSTALLED, INSPECTED,
TESTED & CERTIFIED BY A COMPETENT PERSON.
- HEATING & HOT WATER DETAILS TO BE PROVIDED TO
THE BUILDING CONTROL OFFICER UPON DESIGN
COMPLETION. EXISTING GAS FIRED BOILER LOCATED
IN UTILITY ROOM RETAINED. ALL NEW RADIATORS
TO BE FITTED WITH T.R.V's. THE HEATING
ENGINEER TO CERTIFY & COMMISSION ALL WORK.
- FIX 40 DIA WASTES & 75 DEEP SEAL TRAPS THROUGHOUT
- WHOLESOME WATER & HEATED WHOLESOME
WATER PROVIDED TO BASIN & BATH.
- WHERE HOT & COLD WATER TAPS ARE PROVIDED
ON SANITARY APPLIANCES THE HOT WATER TAP
SHOULD BE ON THE LEFT.
- FIT ANTI SCALD DEVICE TO BATH TO LIMIT THE
HOT WATER TEMPERATURE TO 48°C.

PROPOSED EXTENSION
at
WALTON LODGE
HOMERS LANE
FREISTON
PE22 0PB
for
MR. & MRS. R. CORNWELL

SCALES 1 / 100, 1 / 500

DRWG. No

RC / 1