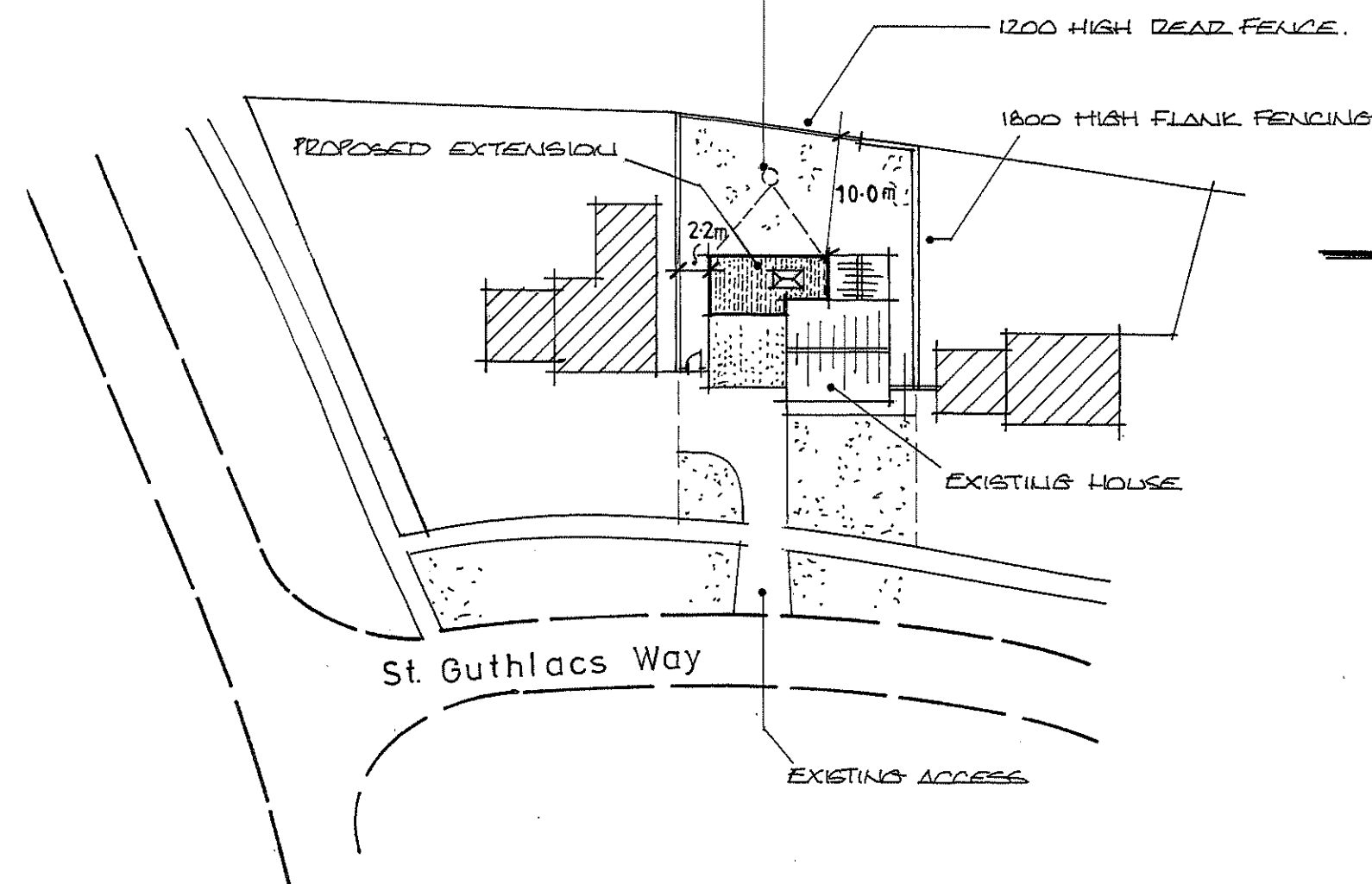
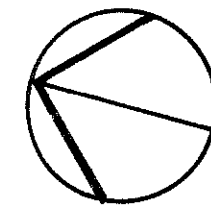


SURFACE WATER TO SOAKAWAY MIN. 5000 FROM BUILDINGS.
1M³ MIN. VOLUME BELOW INVERT WITH CLEAN RUBBLE FILL
& TERRAM COVER OVER. — SUBJECT TO PERCOLATION TEST.

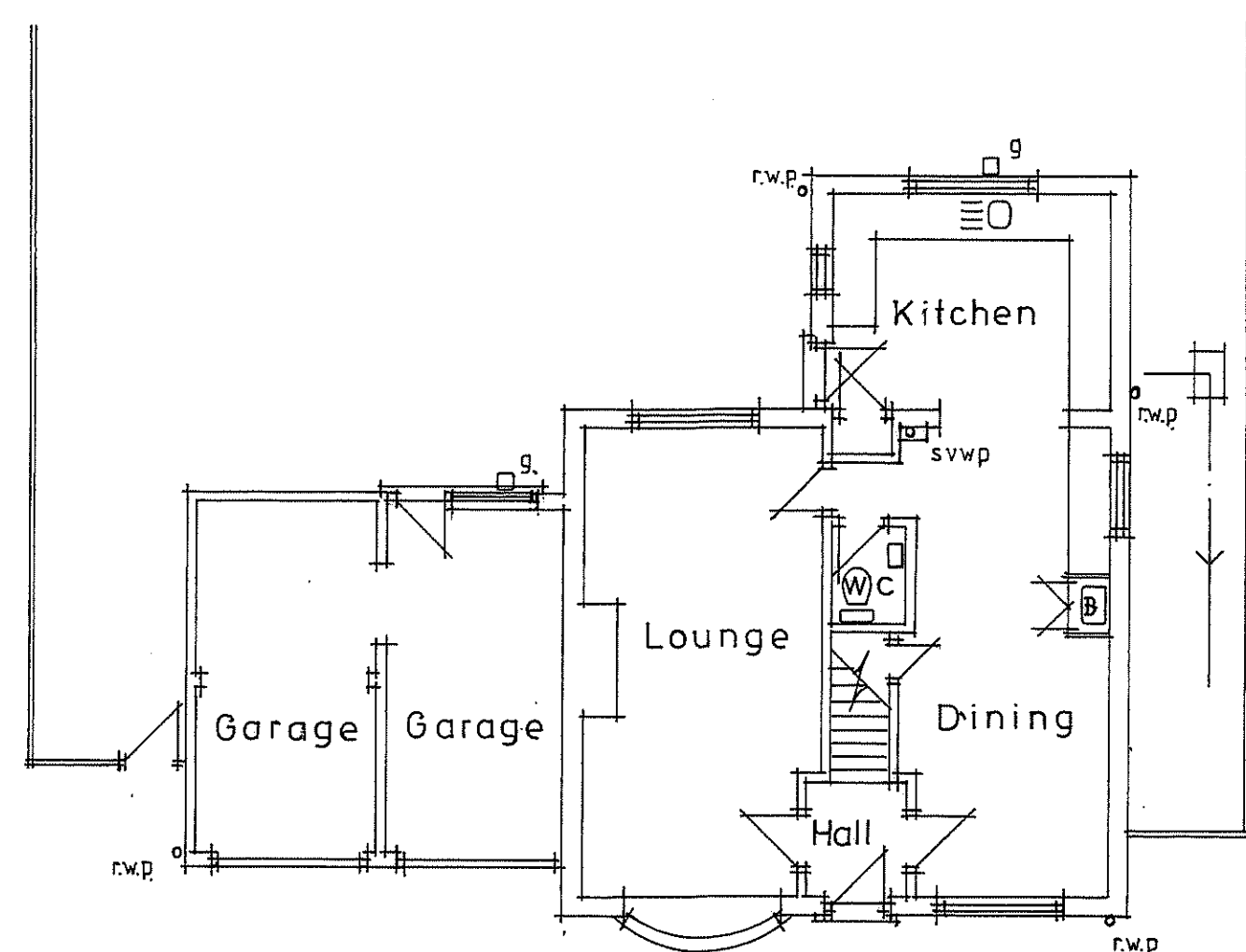


BLOCK PLAN 1 / 500



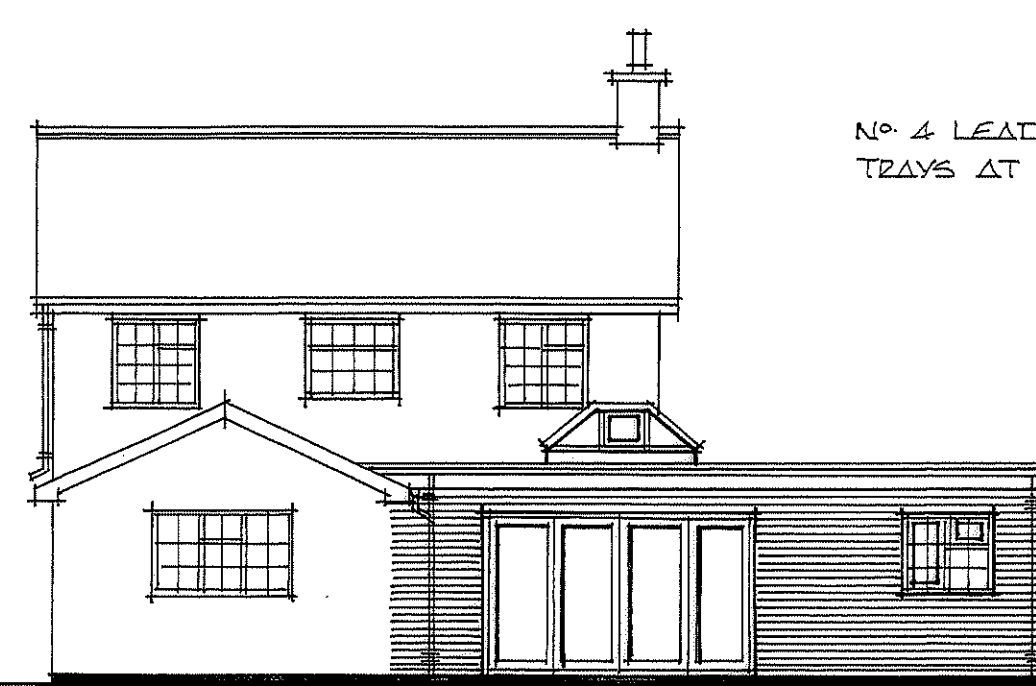
rear elevation

side elevation



ground floor plan

EXISTING DETAILS

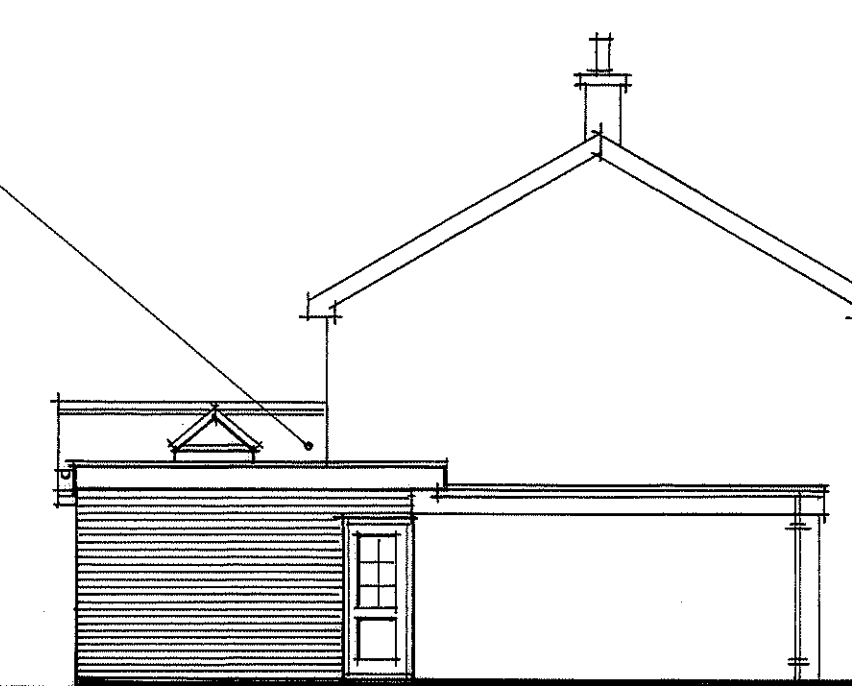


REAR ELEVATION

MILD STEEL VERTICAL STRAPS OF 30x5 CROSS SECTIONAL
AREA & 1000 LONG AT MAX 3000 CENTRES TO FLANK
WALLS. FIX SIMILAR LATERAL RESTRAINT STRAPS TO BE
CARRIED OVER A MINIMUM OF 3N° JOISTS.

INSTALL 2000 x 1000 'ROOF MAKER' ROOFLIGHT COMPLETE
WITH INSULATED UPSTANDS — REFER TO THE STRUCTURAL
ENGINEERS DETAILS REGARDING ROOF TRIMMING.

N° 4 LEAD FLASHINGS & CAVITY
TRAYS AT ALL ABUTMENTS.



SIDE ELEVATION

GLASSFIBRE POLYISOFORM ON 18 SMARTPLY OSB PLYWOOD DECK
ON 120 CELOTEX XR 4000 BOARD ON 1200 & POLYTHENE
V.C.L. ON 18 SMARTPLY OSB PLYWOOD DECK ON FIBRINGS
ON 50 x 200 JOISTS AT 450 CENTRES — ENSURE ALL WALL
INSULATION EXTENDS TO THE UNDERSIDE OF THE ROOF
INSULATION — U-VALUE = 0.18

100 BUTTERS & 69 DIA R.W.P.'s.

100 x 50 WALL PLATES.

100 FACING BRICKWORK TO MATCH EXISTING;
100 CAVITY & DENTHERM 32' INSULATION FILL
100 DUXOX SUPABLOC' INNER LEAF
5 N° STAINLESS STEEL WALL TIES PER 30 900 mm & AT
EVERY BLOCK COURSE AROUND OPENINGS — U-VALUE = 0.28
D.P.C. 150 MIN ABOVE GROUND LEVEL

LEAN MIX CAVITY FILL TO 225 BELOW GROUND LEVEL
600 x 225 STRIP CONCRETE FOUNDATIONS TO A SUITABLE
LOADBEARING STRATA & AT DEPTHS AGREED ON SITE
WITH THE BUILDING'S CONTROL OFFICER.
USE CONCRETE MIX GEN 3.

12.5 PLASTERBOARD & SKIM CEILINGS.

EXPOSE & INSPECT EXISTING FOUNDATIONS &
CONFIRM SUITABILITY FOR PROPOSAL.

50 SCREED ON 100 CONCRETE SITE SLAB ON 1200 &
POLYTHENE V.C.L. ON 100 THICK POLYFOAM PLUS FLOOR
INSULATION ON 1200 & POLYTHENE D.P.M. ON 150 THICK
BLINDED HARDCORE. TURN 25 THICKNESS OF INSULATION
UP AT EDGES & LAP THE D.P.C. & D.P.M. —
USE CONCRETE MIX GEN 1 — U-VALUE = 0.22

SECTION ON A-A

This drawing to be read in conjunction
with the Structural Engineers details

100 DIA PLASTIC F.W. DRAIN AT 1 IN 70 TO THE EXISTING F.W.
SYSTEM & INCLUDING NEW 500 DIA I.C.'s. — DRAIN TO BE LAID
ON 150 FEA GRAVEL BED & SURROUNDED & 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 GENERALLY AS ABOVE.

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

3600 BIFOLD DOORS WITH
CATNAC CX90 / 100 OVER,
STRUCTURAL ENGINEER TO
CONFIRM SUITABILITY.

FORM OPENING & BUILD IN 1/2 HOUR F.R. DOOR
WITH SELF CLOSURE. ENSURE MIN 100 HIGH
THRESHOLD. USE CATNAC BED 100 OVER.

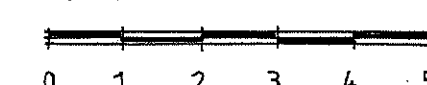
LINE EXISTING GARAGE REAR WALL WITH 77.5 THICK
CELOTEX PL 2065 INSULATED PLASTERBOARD
(65 INSULATION + 12.5 PLASTERBOARD) & APPLY SKIM FINISH.

REMOVE WALL & BUILD IN STEELWORK AS
DIRECTED BY THE STRUCTURAL ENGINEER.
PROTECT STEELWORK WITH 15 THICK FIRELINE
BOARD SURROUND.

PROVIDE BELIEVING LINTOL TO LOUNGE WINDOW
AS REQUIRED — REFER TO THE STRUCTURAL
ENGINEERS DETAILS.

WINDOW CONTAINING 2N° 600 x 1350 OPENING SASHES.
LOUNGE FLOOR AREA = 20.88 SQ.M.

SCALE 1 / 100



PROPOSED FLOOR PLAN

Generally

- WINDOWS & DOORS ARE TO BE SEALED DOUBLE
GLAZED UNITS & FITTED WITH TRICKLE VENTS TO
GIVE 8000 mm² VENT AREA AT EACH UNIT. OPENING
VENT AREA TO BE MIN 1 / 20 OF ROOM FLOOR AREA.
WINDOWS MAX U-VALUE = 1.6 & DOORS MAX U-VALUE = 1.8
- USE INSULATING CAVITY CLOSERS AT OPENINGS
TO GIVE U-VALUE = 1.2 — ALL FRAMES ARE TO LAP THE
VERTICAL D.P.C. BY MIN 28.
- CATNAC INSULATED CAVITY WALL LINTOLS OVER
UTILITY ROOM DOOR & WINDOW DEF 1250 / 100, REFER
TO PLAN FOR OTHER LINTOLS. — ENSURE MIN 150 END
BEARINGS & ALL LINTOLS TO HAVE WEEP HOLES &
STOP ENDS.
- 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.
- INSTALL FANS TO GIVE VENT RATES THUS 2-
UTILITY ROOM ————— 30 LITRES / SEC.
PROVIDE A FAN COMMISSIONING CERTIFICATE TO
THE BUILDING CONTROL OFFICER.
- PROVIDE HEAT DETECTOR IN KITCHEN AREA & NEW
SMOKE DETECTORS IN HALL & ON FIRST FLOOR
LANDINGS — DETECTORS TO BE MAINS OPERATED
WITH BATTERY BACK UP & INTERCONNECTED.
- FIX LOW ENERGY LIGHTING THROUGHOUT.
- 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.
- FIX 40 DIA WASTE & 75 DEEP SEAL TRAP TO SINK.
- HEATING & HOT WATER DETAILS TO BE PROVIDED
TO THE BUILDING CONTROL OFFICER UPON DESIGN
COMPLETION. GAS FIRED BOILER LOCATED IN
KITCHEN AREA UNAFFECTED BY WOODS. ALL NEW
RADIATORS TO BE FITTED WITH T.E.V.'s. — THE HEATING
ENGINEER TO CERTIFY & COMMISSION THE SYSTEM.
- WHOLESOME WATER & HEATED WHOLESOME WATER
TO BE PROVIDED TO THE SINK.
- WHERE HOT & COLD WATER TAPS ARE PROVIDED ON
SANITARY APPLIANCES THE HOT WATER TAP SHOULD
BE ON THE LEFT.

PROPOSED EXTENSION
at
3 ST. GUTHLACS WAY
FISHTOFT
BOSTON
PE21 0SW
for
SIAN WORTHINGTON

SCALE 1 / 100, 1 / 500

DRWG. NO.

SW / 1