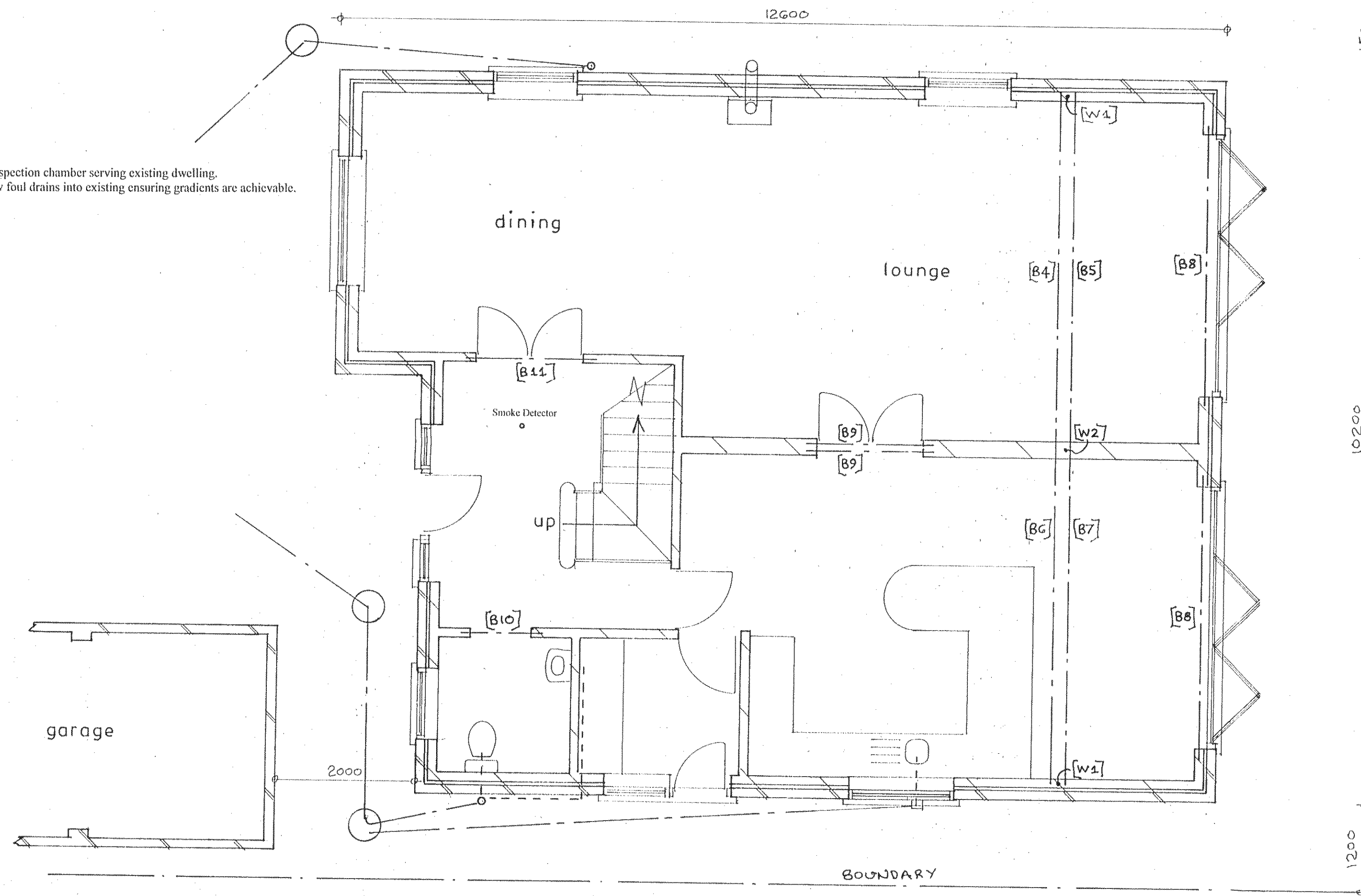


Locate inspection chamber serving existing dwelling.
Adapt new foul drains into existing ensuring gradients are achievable.



Ground floor plan

1 : 50

- [B4] 254 x 146 x UB37 with min. 100mm bearing on to 440 x 100 x 220mm deep concrete padstones.
[B5] 254 x 146 x UB37 with min. 100mm bearing on to 440 x 100 x 220mm deep concrete padstones.

NOTE: [B4] and [B5] connected together with M16 bolts @ 750mm c/c. with suitable spacers between beams.

- [B6] 254 x 146 x UB37 with min. 100mm bearing on to 440 x 100 x 220mm deep concrete padstones.
[B7] 254 x 146 x UB37 with min. 100mm bearing on to 440 x 100 x 220mm deep concrete padstones.

NOTE: [B6] and [B7] connected together with M16 bolts @ 750mm c/c. with suitable spacers between beams.

- [B8] 203 x 102 x UB23 with 10mm plate stitch welded to underside of beam to carry outer skin of cavity wall/ soffit board bearing on eng. brick padstones. Provide 10mm triangular stiffeners @ 600mm c/c. between beam and plate. Beam, plate and stiffeners to be fully galvanised. Provide cavity tray with vertical weep holes as necessary.
[B9] C/SXA 'Cainic' lintel OR 152 x 89 x UB16
[B10] 152 x 89 x UB16 bearing on eng. brick padstones supporting [P1]
[B11] 152 x 89 x UB16 bearing on 440 x 100 x 220mm deep concrete padstones.

- [W1] Provide 100 x 100mm pier in min. 7.3MN/m2 blocks in 1:1:6 mortar and block bonded into specified blockwork.
[W2] Provide 200 x 1200mm pier in min. 7.3MN/m2 blocks in 1:1:6 mortar and block bonded into specified blockwork.

BEAMS TO BE INSTALLED AS PER SEPARATE STRUCTURAL CALCULATION SHEETS WITH ALL DETAILS AND BEAM SIZES DOUBLE CHECKED.

INSTALLATION OF BEAMS TO BE INSPECTED BY BUILDING CONTROL OFFICER.

BEAMS TO BE INSTALLED TO HEALTH AND SAFETY STANDARDS.

PHYSICAL ON SITE MEASUREMENTS TO BE TAKEN PRIOR TO ORDERING OR FABRICATION OF BEAMS.

INSTALLATION OF BEAMS PRIOR TO FULL LOCAL AUTHORITY APPROVAL [NOT CONDITIONAL] CARRIED OUT AT CLIENTS/BUILDERS RISK.

sheet 1 b of 7

PROPOSED DETACHED DWELLING AT 172, ELMER ROAD, ELMER FOR MR. A. SHAKI.

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