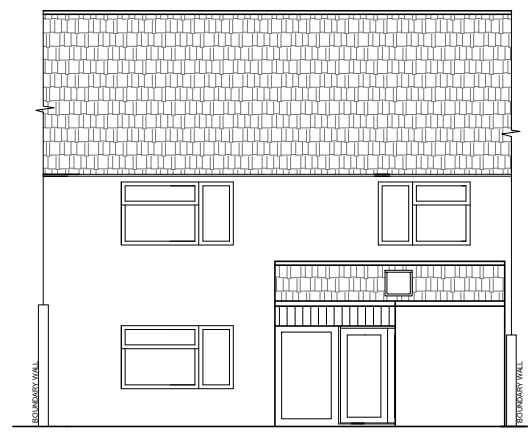


NOTES

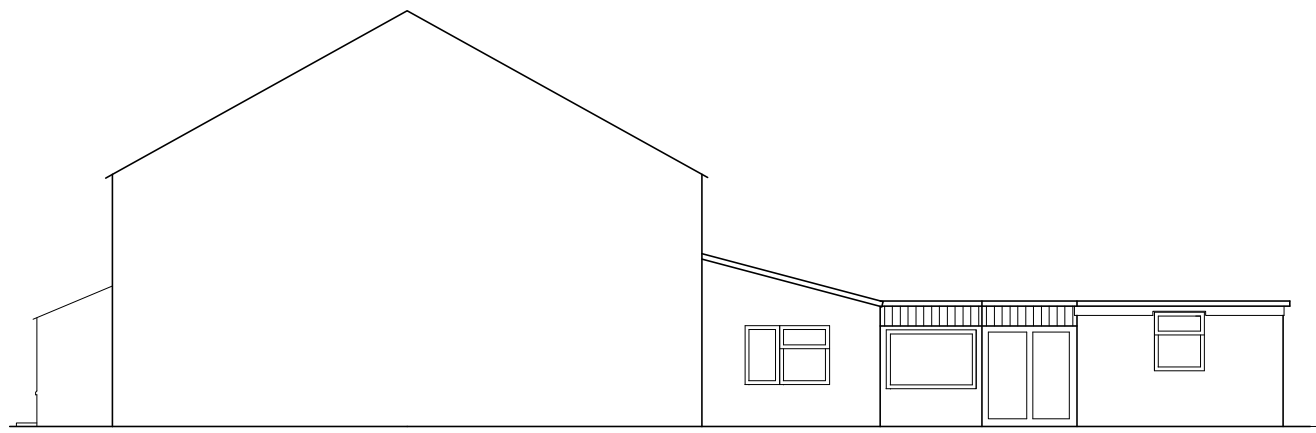
- Structural inspection required on site prior to commencing any works.
- Drawing to be read in conjunction with Engineer's documentations.
- The contractor is to comply in all respects with current Building Regulations and British Standard Specifications.
- All construction dimensions must be checked on site and not scaled from this drawing.
- Roof construction - to achieve U-value 0.2 w/m²K
- Roof Tiles to match existing. 50x25mm treated battens on roofing felt nailed to rafters and dressed into gutters, 150 x 50mm rafters @ 400 c/c.
- Ceiling joists SC3 100x 50 @ 400 c/c. Wall plate 100x75 strapped to wall @ 2000 c/c with 30x2.5 galvanised M.S straps. 100mm celotex insulation cut between rafters, 50mm air space and 25mm fitted beneath rafters to receive plasterboard finish. vapour barrier is fixed before plasterboard. 100mm fibreglass between joists & further 150mm laid across.
- External wall construction - to achieve u-value 0.3 w/m² K
- outer leaf of selected matching facing bricks cavity filled with expanded polyurethane insulation. 100mm thermalite shield 2000 insulation blocks for inner leaf. 12.5mm plaster and skim finish, or 13mm plaster. Wall ties at 900mm horizontal and 450 vertical c/c.
- 65mm Grit screed laid on 100mm concrete slab on building paper on 100mm kingspan thermafloor insulation board on 1200g polythene Damp Proof Membrane on min. 25mm sand on 150mm consolidated hardcore, D.P.M to be lapped with all D.P.C. All joints to be taped, insulation to be turned up sides level with D.P.C min. 25mm thick. 600mm x 225mm strip foundation under all new cavity walls. min. 25mm thick.
- Class B engineering brick work below ground Weak mix concrete cavity infill. Foundation to same size and depth as existing (minimum 900mm deep)
- Ceiling - 12.5mm plasterboard finish tape joints and apply 3mm skim coat of plaster.
- All structural steel work to be boxed in with 12.5mm plasterboard & skim finish or other approved material to obtain 30 minutes fire resistance.
- Electrics
- Installation work to be carried out by a qualified electrician fully conversant with BS 7671 (IEE Wiring Regulations)



EXISTING BACK ELEVATION



EXISTING FRONT ELEVATION

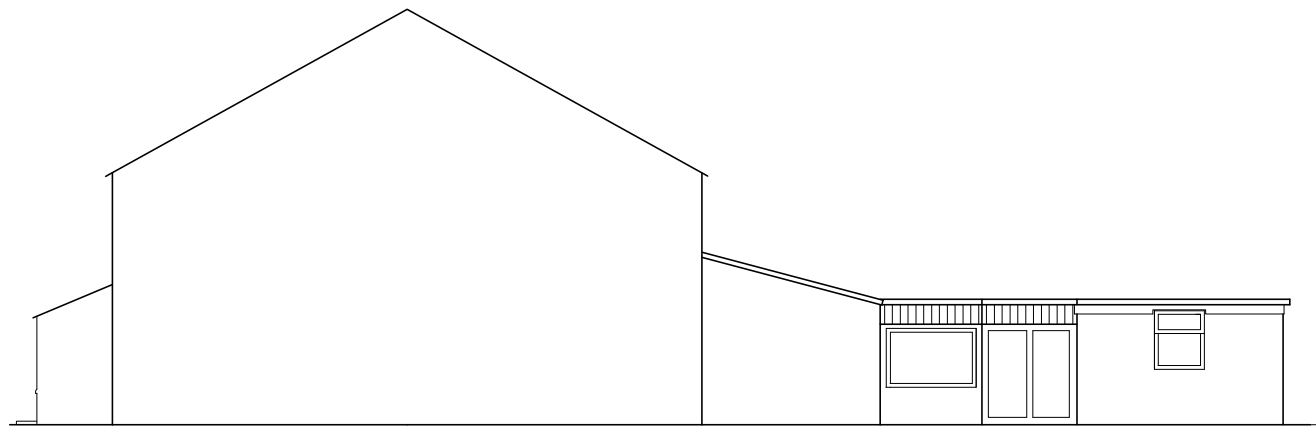


EXISTING SIDE ELEVATION (A-A)

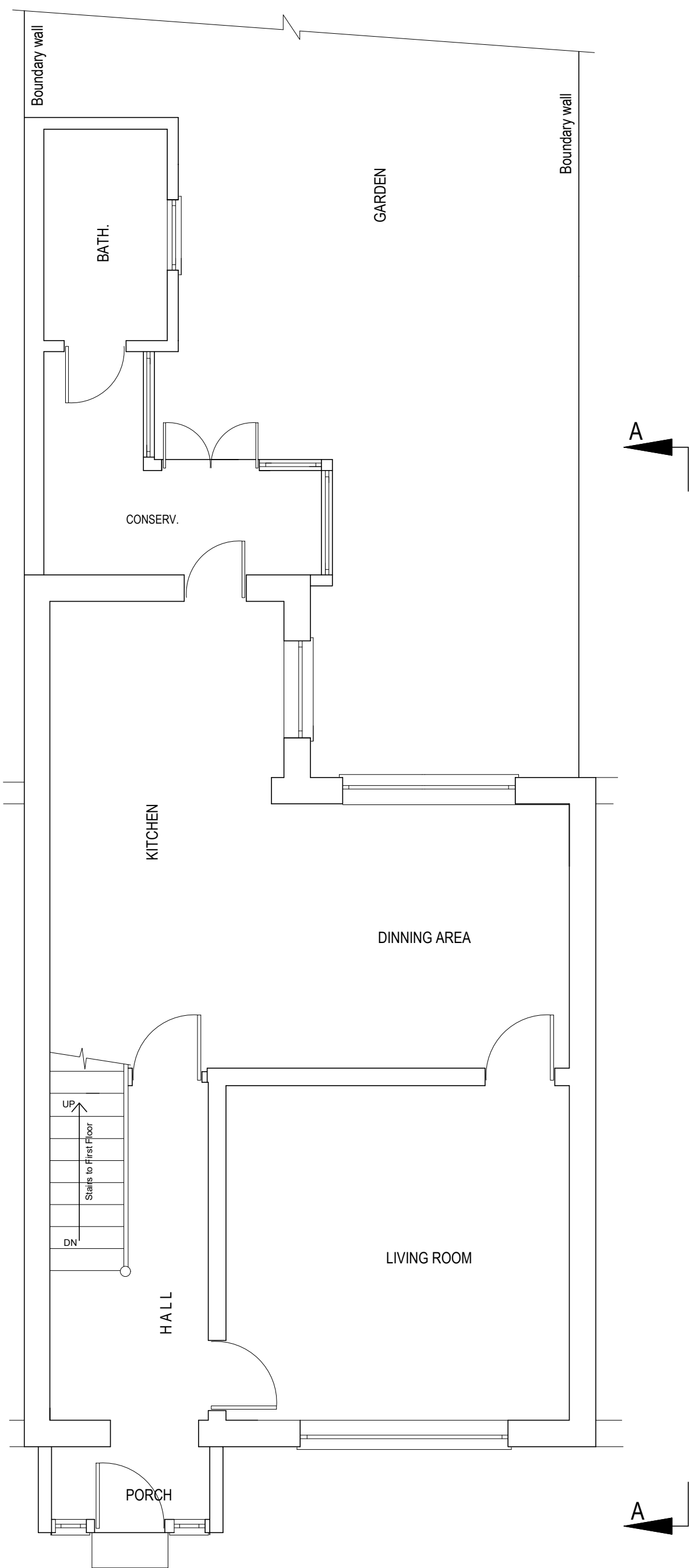
SCALE 1:100



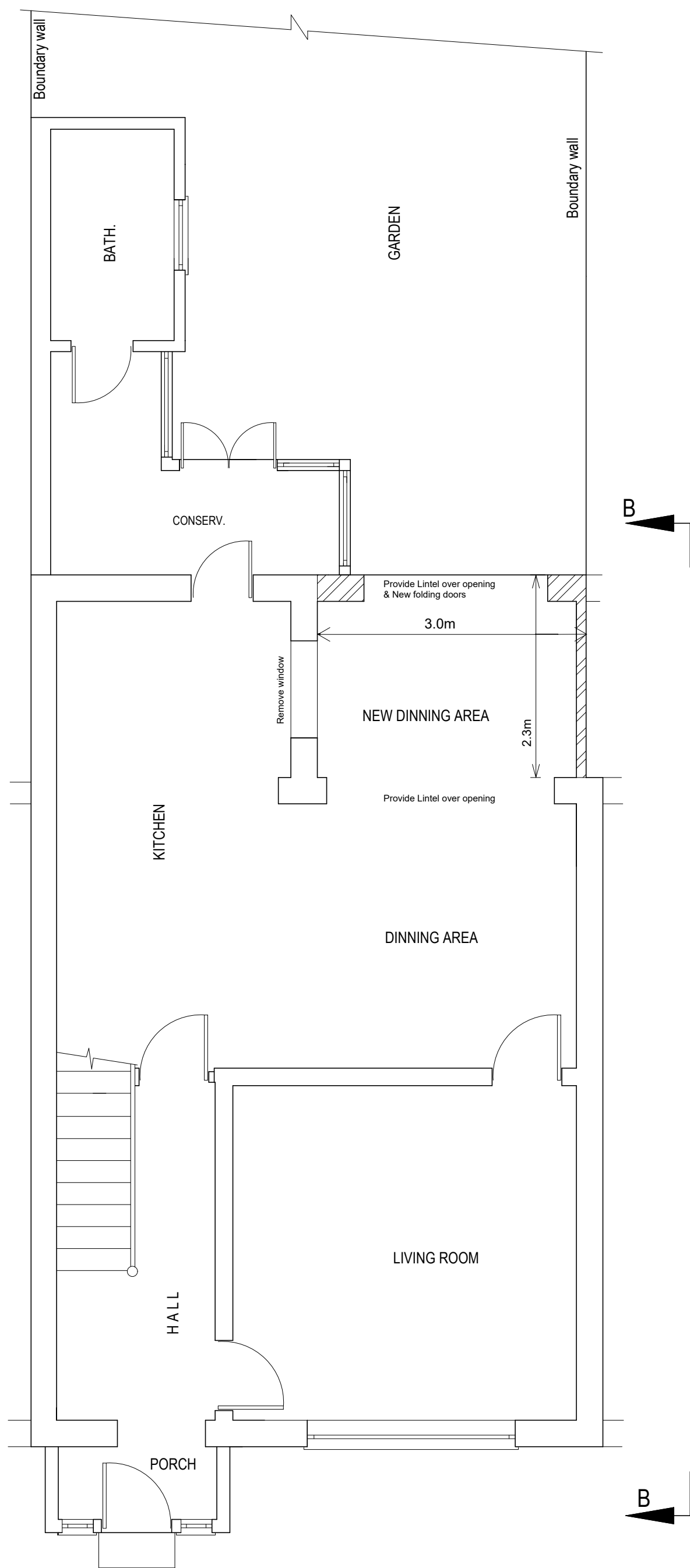
PROPOSED BACK ELEVATION



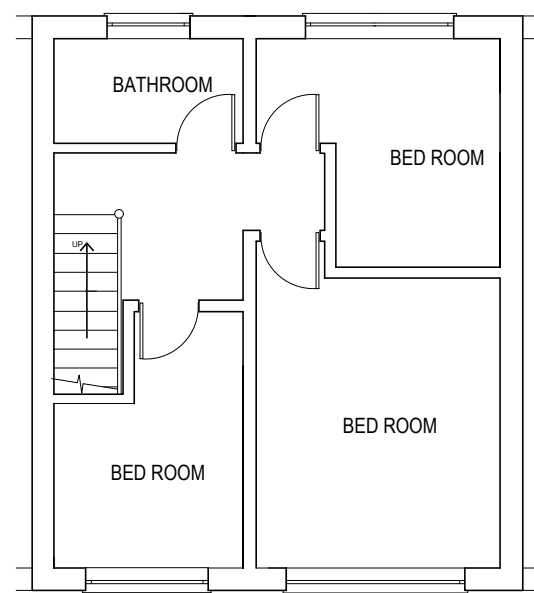
PROPOSED SIDE ELEVATION (B-B)



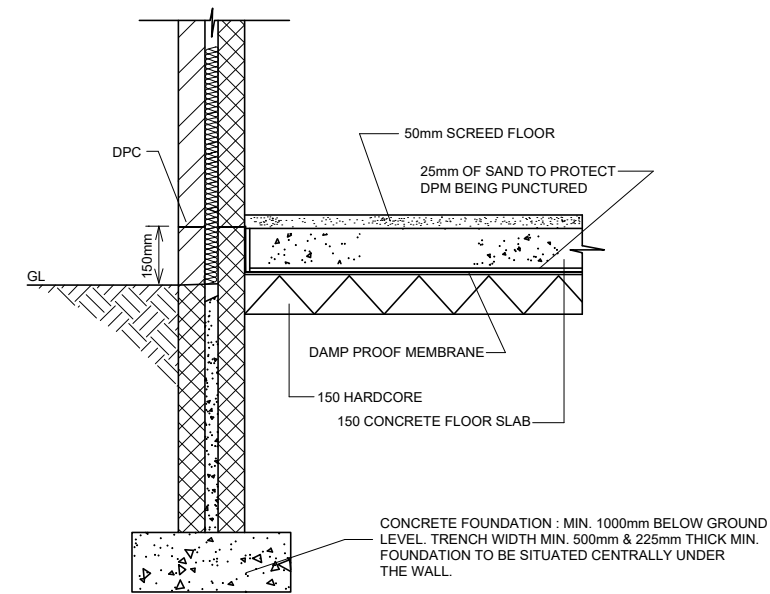
EXISTING GROUND FLOOR



PROPOSED GROUND FLOOR



EXISTING FIRST FLOOR



EXTERNAL WALL SECTION

A	Dimensions corrected	MI	Sep/2023
Rev	Description	By	Date
CLIENT: Mr. SAIFUR CHOUDHURY			
TITLE: GROUND FLOOR REAR EXTENSION			
SITE ADDRESS: 36 SOMERSET CRESCENT, CHANDLERSFORD SO53 3FG			
DRAWN BY: A.M	SCALE: 1:50 1:100	DATE: MAR 2023	DRG NO: SC36/01