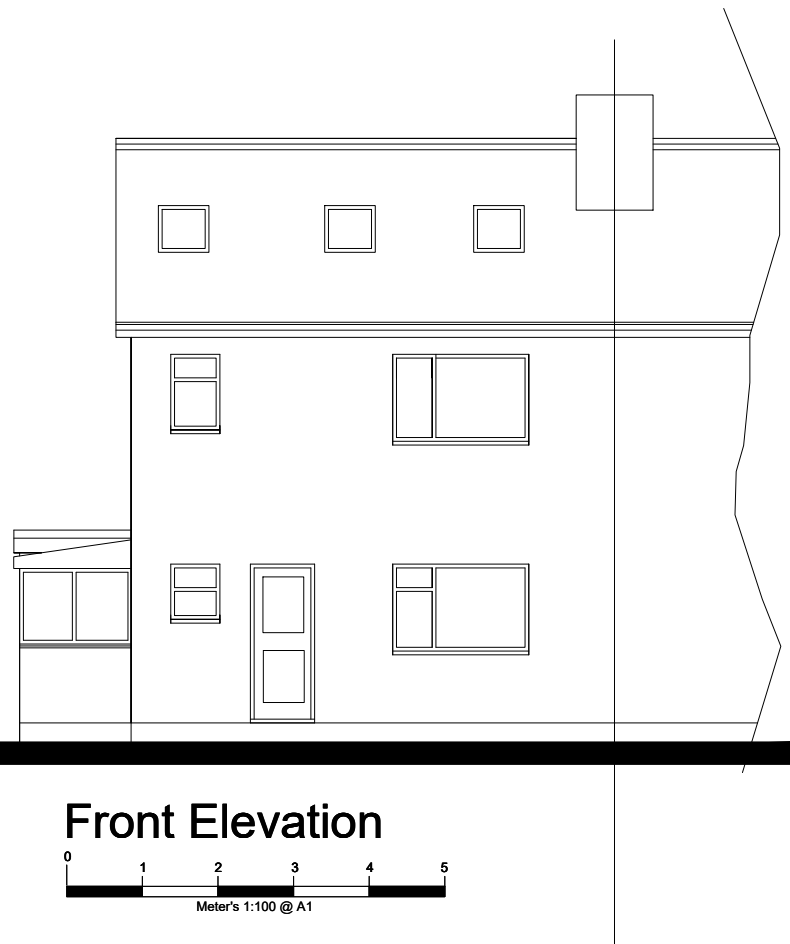
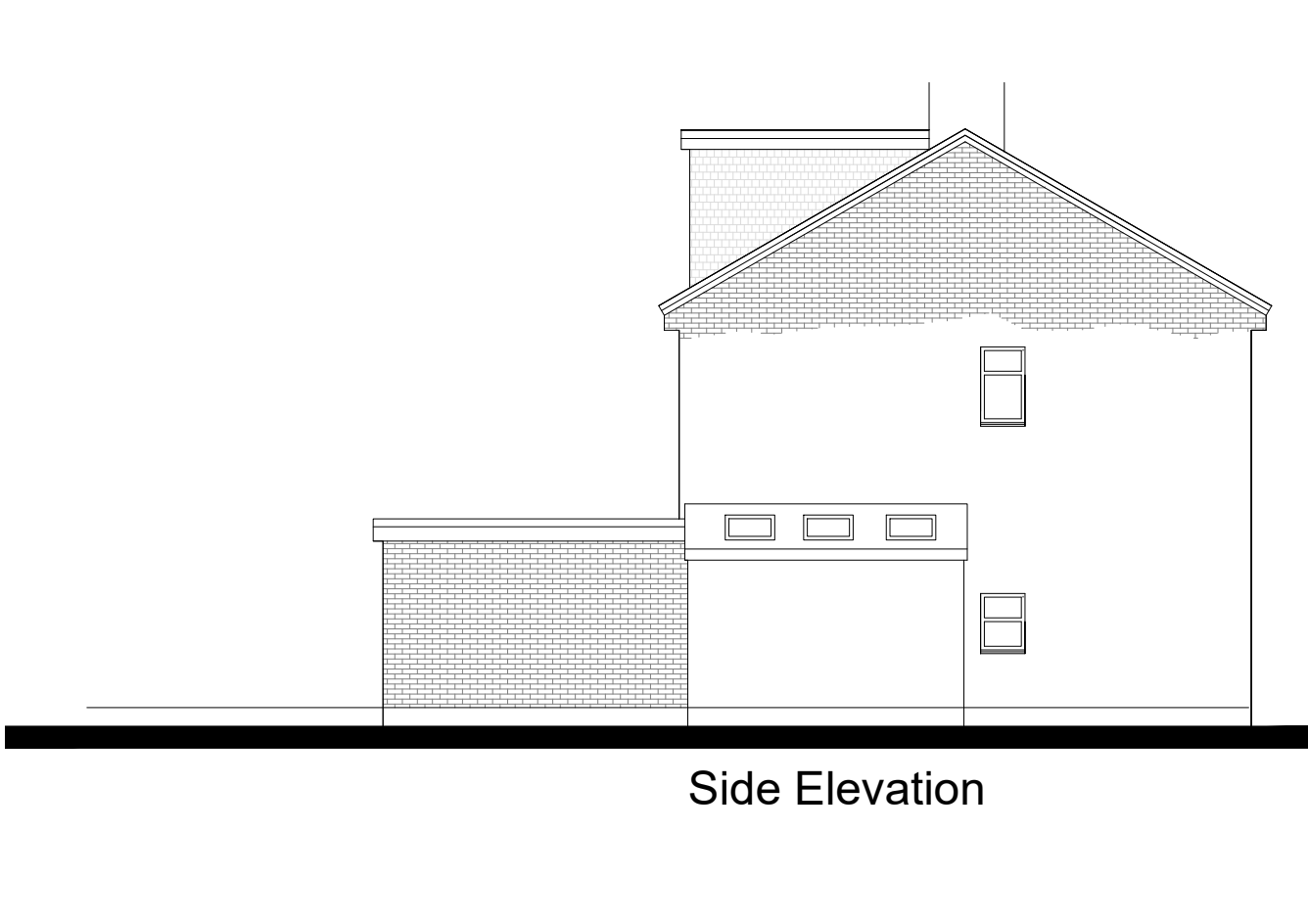


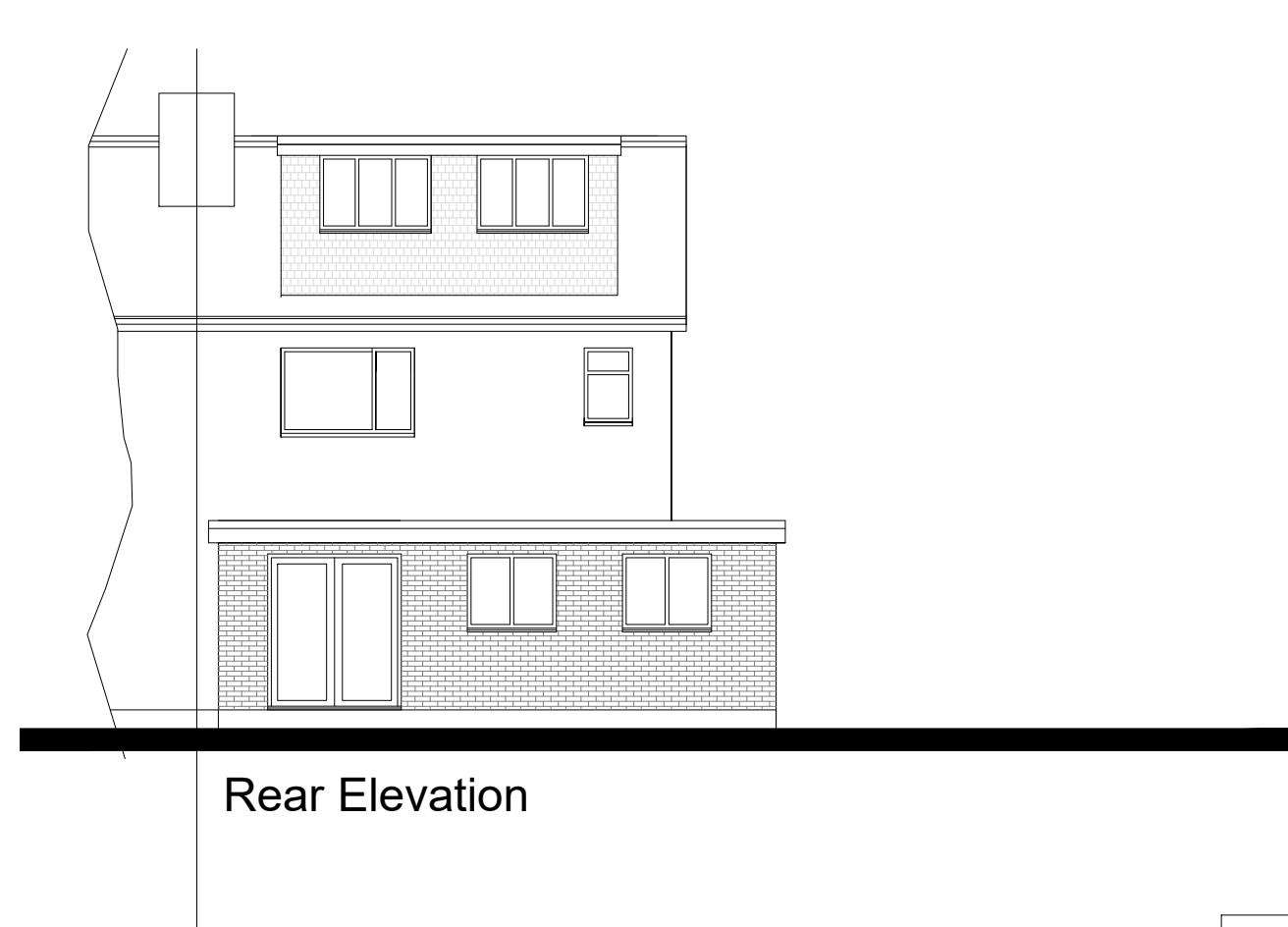
PROPOSED



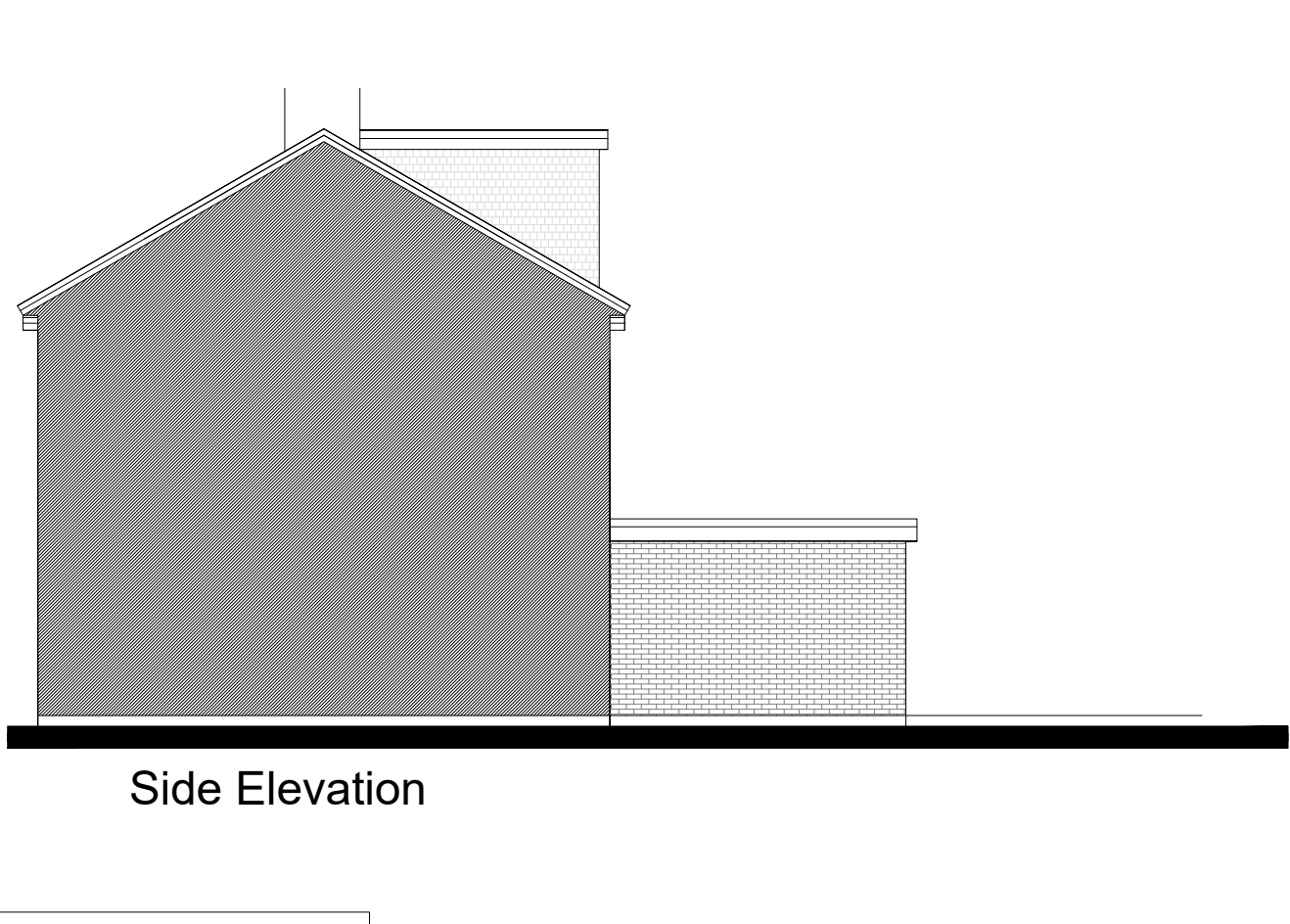
Front Elevation



Side Elevation



Rear Elevation

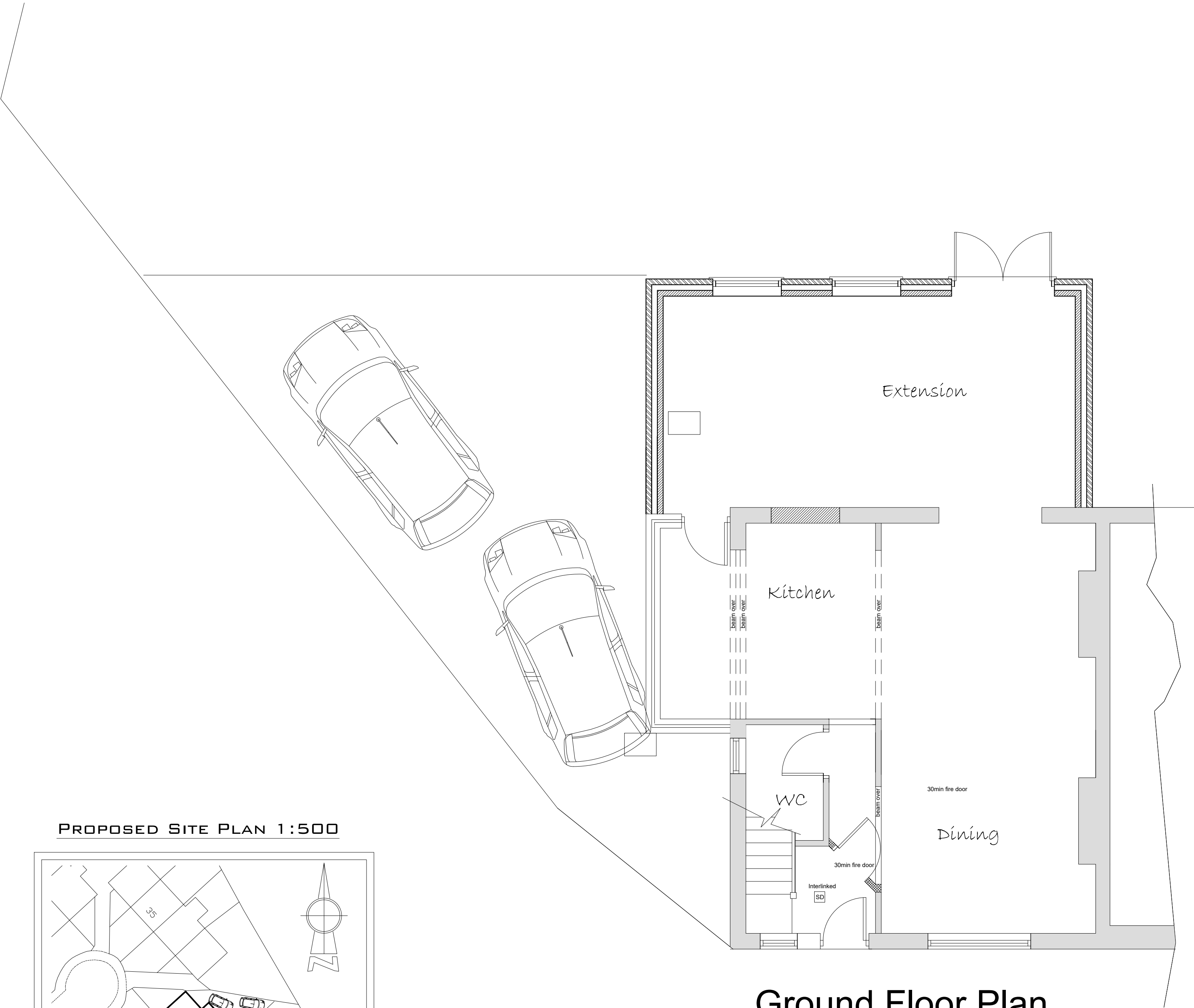


Side Elevation

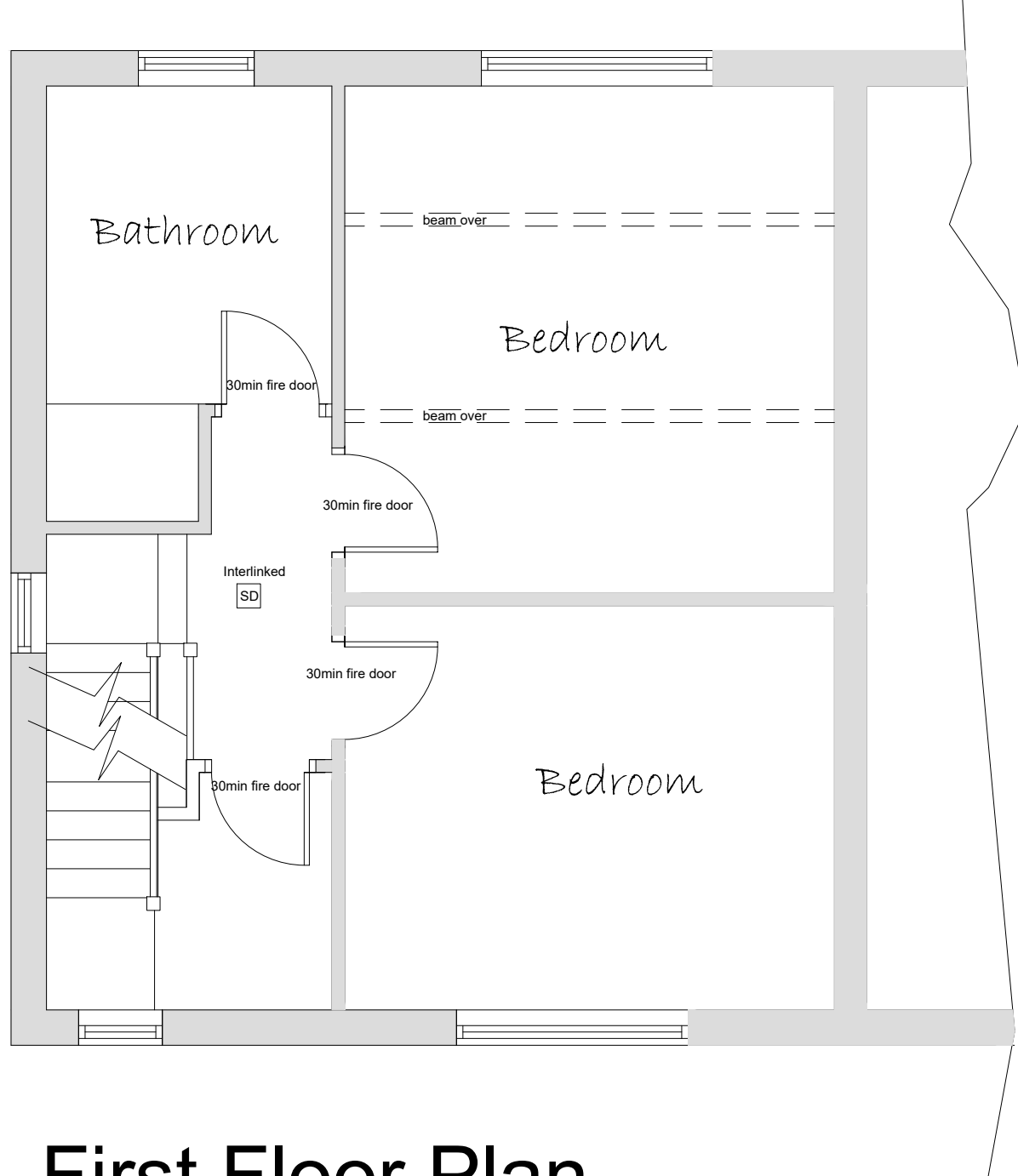
DORMER CHECKS: To achieve minimum U Value of 0.28W/m²K.
Flue being vertically on 25 x 38mm preservative treated battens vertical counter battens to be provided to ensure vertical and drained cavity if required (not to be available elsewhere) having a vapour resistance of not more than 0.8 Mbat/m² and 12mm thick V.B.P. external quality plywood sheathing (or other approved). Ply fixed to treated timber frame studs constructed using 105mm x 50mm head and sole plates and vertical studs (with nogging) at 400mm centres or to structural engineer's details and calculations. Insulation to be 105mm Kingspan Thermaflow T165S insulation between studs plus 50mm Kingspan Kooltherm K15 over with 12.5mm with 3mm skin coat of finishing plaster. All junctions to have water tight construction, steel all perimeter joints with tape internally and with silicon sealant externally. Dormer walls built off existing masonry walls to have galvanneal mild steel steps placed at 800 centres. Corner chases within 1m of the boundary to be lined externally with 12.5mm Supalux and 12.5mm Gyproc Fire-Lin board internally to achieve 12 hour fire resistance from both sides. (Provide an additional 15mm of insulation over studs to prevent cold bridging if required)

WARM FLAT DORMER ROOF:
To achieve U value 0.18 W/m²K.
To Structural Engineer's details. 12.5mm spa solar reflective clippings to achieve an designated fire rating for surface spread of flame tested in situ on three layer felt to BS 822:2003 to 22mm external quality or dry cement, see manufacturer's details over 120mm Kingspan Thermaflow.
Insulation bonded to V.C. fixed to 27mm exterior grade plywood on batten to give 135 kPa of 14.40mm C84 fibre panel at 400 centres max span 3.22m. Coverings of 12.5mm plasterboard over vapour barrier with skin plaster finish. Provide resistance to fire roof by fixing of 36 x 1 x 1000mm rns galvanneal lateral restraint strips at maximum 2000mm centres bond to 100 x 50mm wall plates and anchored to wall.

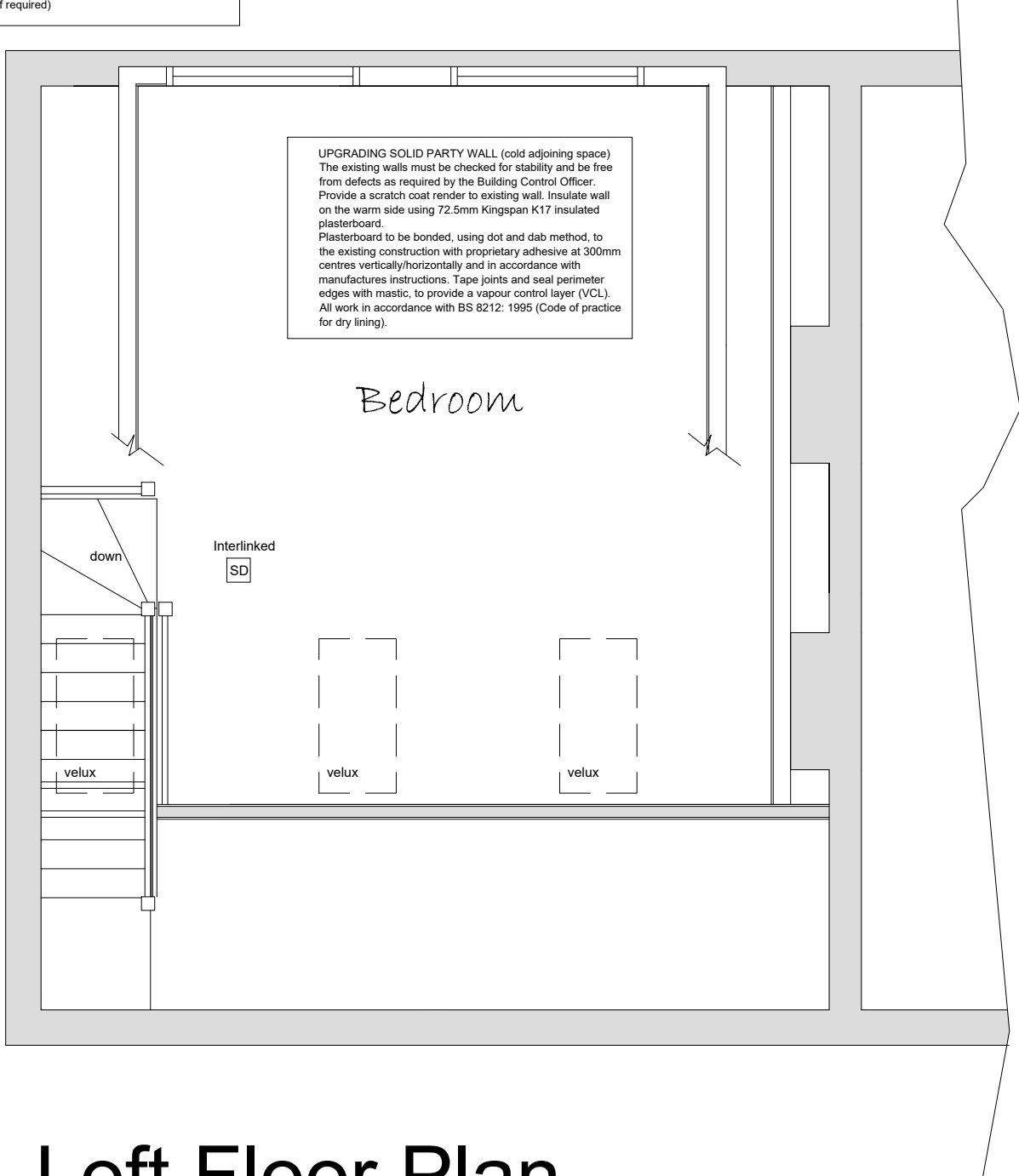
UPGRADING SOLID PARTY WALL (cold adjoining space):
The existing walls must be checked for stability and be free from defects as required by the Building Control Officer. Provide a scratch coat render to existing wall. Insulate wall on the warm side using 72.5mm Kingspan K17 insulated plasterboard.
Plasterboard to be bonded, using dot and dab method, to the existing construction with proprietary adhesive at 300mm centres vertically/horizontally and in accordance with manufactures instructions. Tape joints and seal perimeter edges with mastic. To provide a vapour control layer (VCL). All work in accordance with BS 8212: 1995 (Code of practice for dry lining).



Ground Floor Plan



First Floor Plan



Loft Floor Plan

41 BROOMHEAD ROAD, WOMBWELL, S73 0SA

NOTES

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ALL SUBJECT TO STRUCTURAL ENGINEERS CHECKS AND CALCULATIONS

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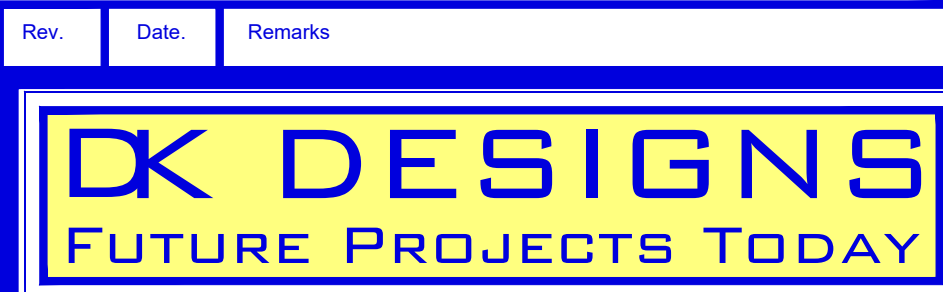
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SUBJECT TO PLANNING APPROVAL

SUBJECT TO BUILDING REGS APPROVAL

TO BE READ IN CONJUNCTION WITH CONSTRUCTION SPECIFICATION

Note:- All subject to Structural Engineers Calculations



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Proposed
Floor Plans and Elevations

Scales. 1:50 1:100 1:500 1:1250 @ A1 Date July 17
Drawing Number. 2017-093-01 Revision. B.. Drawn by.