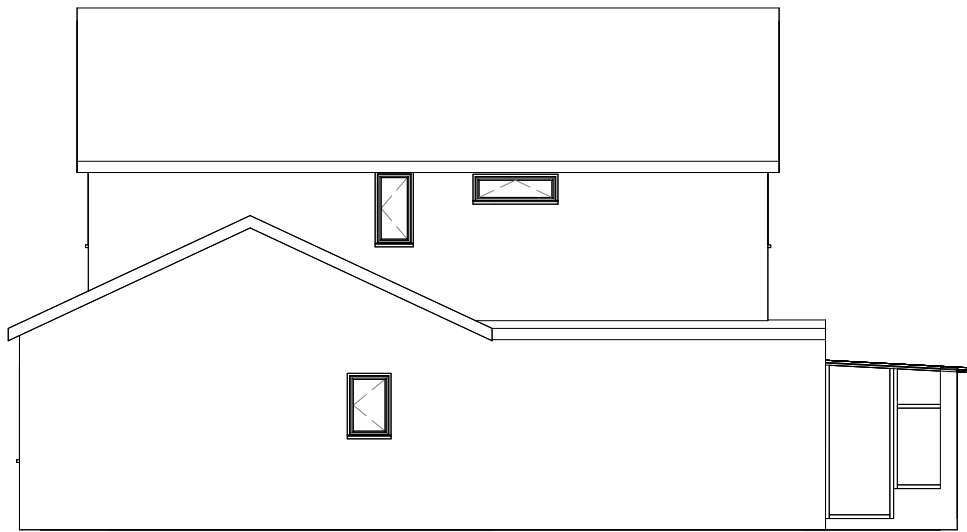




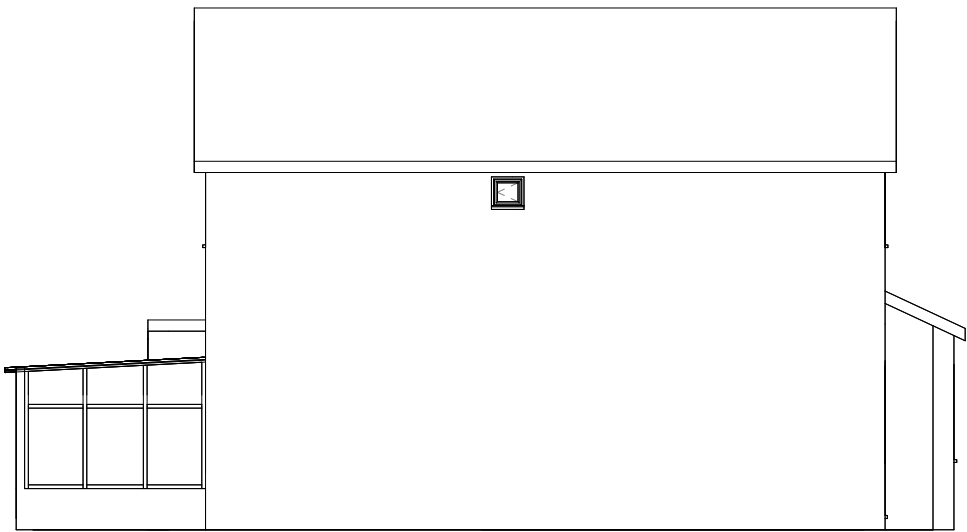
Existing Front Elevation



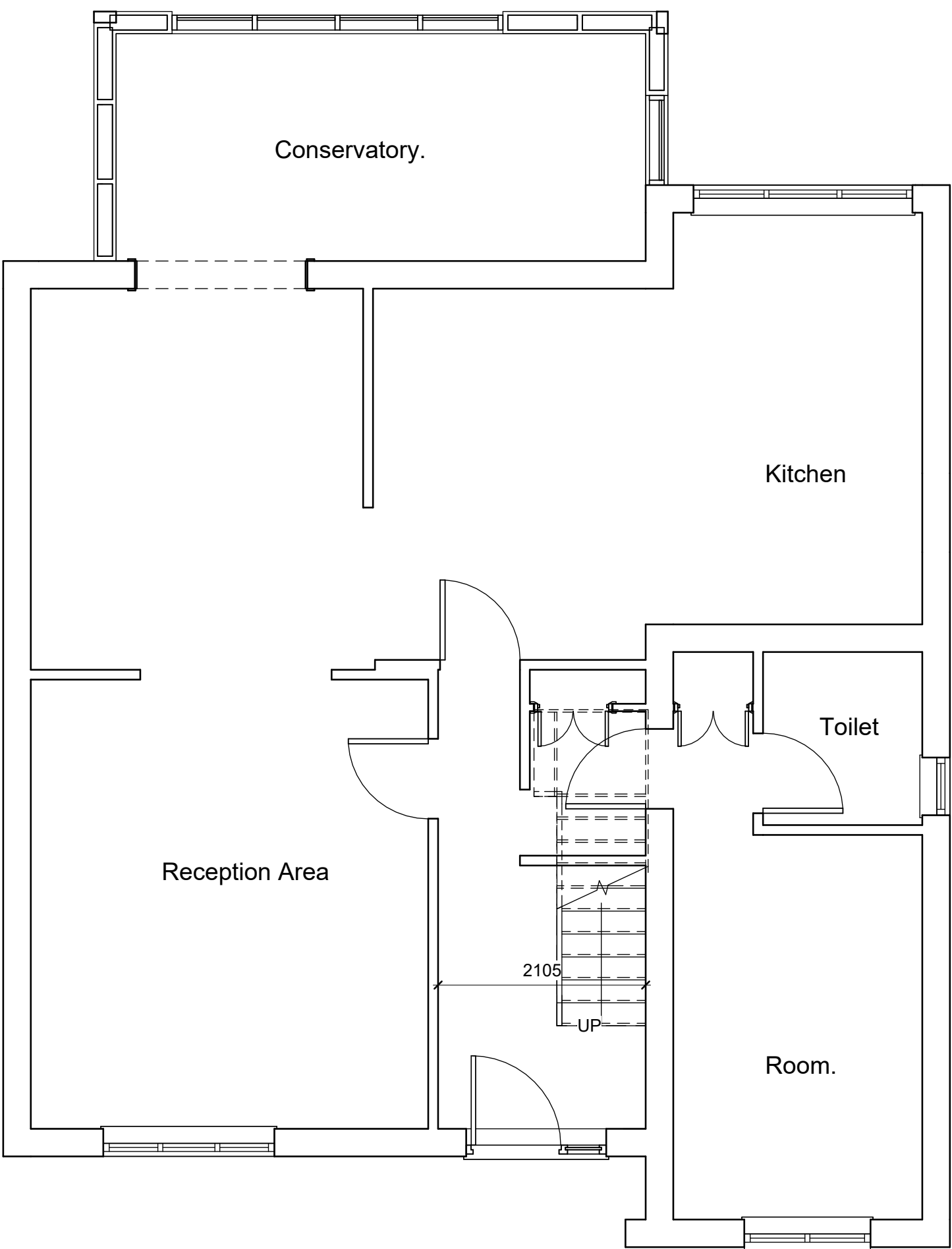
Existing Side Elevation



Existing Rear Elevation



Existing Side Elevation



Existing Ground Floor Plan



PART 'L1' CONSERVATION OF FUEL AND POWER :
GROUND FLOOR CONSTRUCTION :
Target U-value of 0.22W/m2K
Ground bearing concrete floor slab, comprising -
150mm consolidated hardcore (min.)
50mm sand blinding
1200 gauge DPM, continuous with DPCs
80mm KINGSPAN THERMAFLOOR TF70
1000 gauge polythene vapour control layer
100mm concrete slab
65mm sand cement screed.

FLOOR VENTILATION NOTE:
Subfloor ventilation to be maintained to existing timber suspended floor via PVC air bricks to telescopic ducts to 100 dia. pipes, below DPM / insulation.
New roof. Insulation at ceiling level.
Target U-value 0.16W/m2K.
See Part 'A' for new roof construction.
A total of min. 265mm Crown Wool insulation laid between and over ceiling joists, to give a U-value of max. 0.16W/m2K.
Thickness calculation:-
U-value required = 0.16W/m2K.
Insulation conductivity = 0.040W/mK

Base thickness of insulation required = 277mm
Allowable reductions :
Tiles 1mm
Roofspace 8mm
Plasterboard 3mm
Total reductions 12mm
Required insulation = 277 -12 = 265mm.

PVC-u Windows - Target U-value 1.4W/m2K.
New windows to be PVCu casements to match existing.
Glazing units to give U-value of max. 1.4W/m2K to manufacturers calculations, to be provided to Building Control Officer prior to manufacture and install.

UPVC Doors - Target U-value 1.4W/m2K
Proprietary timber door in accordance with manufacturer's recommendations to achieve a U-value of 1.6W/m2K.
Calculations to be provided to Building Control Officer prior to manufacture and install.

All door/window openings to be framed with insulated proprietary cavity closers or blockwork returned and insulation to reveals.

Window/door frames to be sealed along their back edges.

Sealant to front and back of cills/frames to limit air leakage.

Wall/roof insulation to be lapped well at the eaves.

New radiators to be provided with TRV's.

NOTES:
All work to be carried out must comply with current building regulations and subject to approval of L A Planning Officer.

Materials and workmanship to all relevant British Standards and BS codes of practice. Materials should wherever possible be produced under the aegis of BS:8000 Workmanship on Building Sites or the equivalent specification of any member EEC state.

Any Demolition work is to be carried out in accordance with the relevant codes of practice for demolition BS:6187 (1982) formerly CP94 and CP2004. Provision should be made for the erection of adequate shoring before the existing lateral support is disturbed. All precautions should be made against uncontrolled collapse.

Contractor to verify existing drains and services and protect as necessary. All structural timber to be C24 Grade. All timber to be preservative treated.

All dimensions to be taken on site prior to construction and ordering of materials.

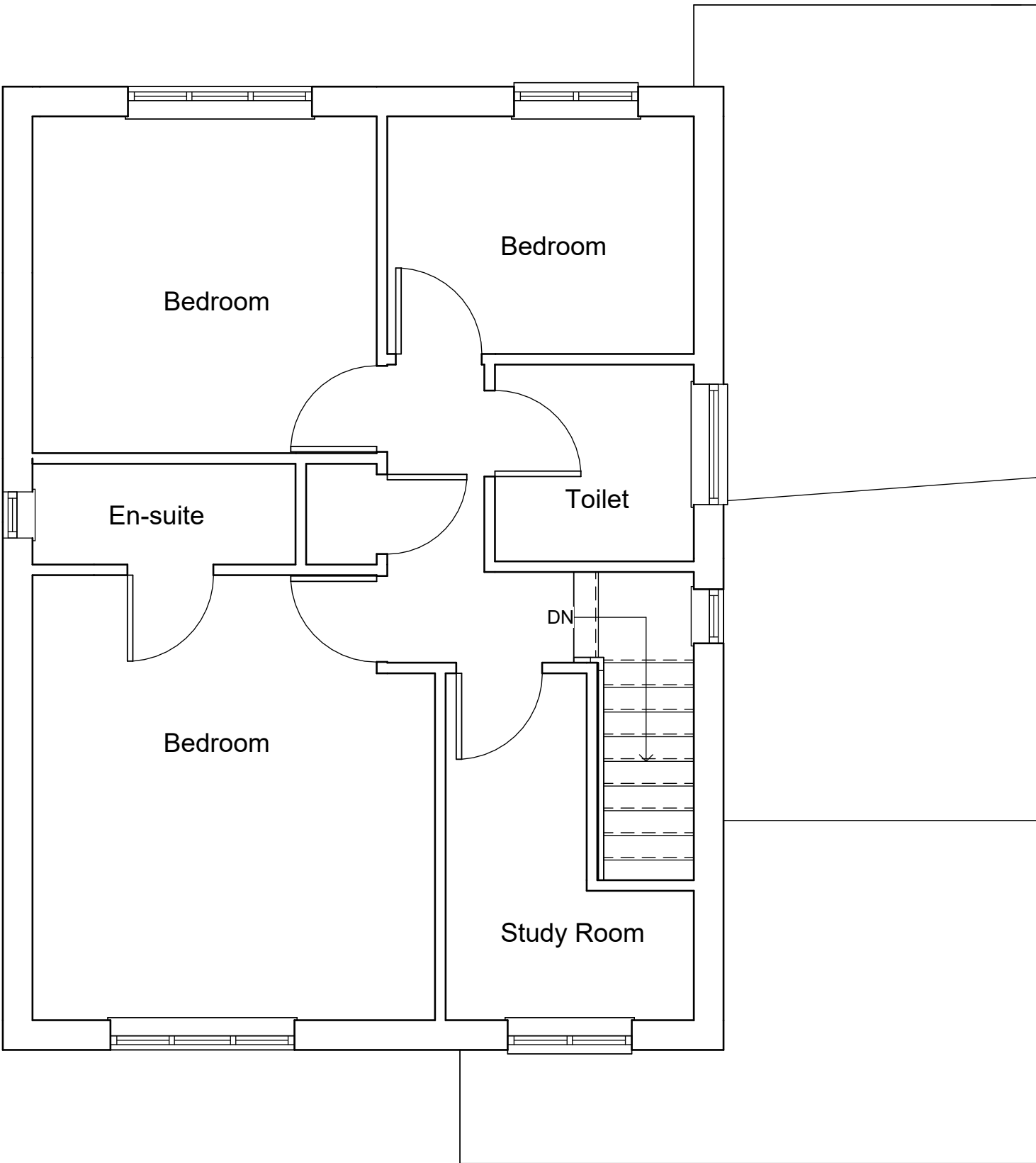
PART 'J' - COMBUSTION APPLIANCES :
All existing tank and boilers to be removed included all associated pipework. New CONDENSING COMBI boiler and tank to be installed to suit clients requirements. New radiators to new and existing rooms, with new TRVs.

PVC-u Windows - Target U-value 1.4W/m2K.
New windows to be PVCu casements to existing and new. Glazing units to be 24mm, 4mm outer pane, 16mm air gap, 4mm inner pane, with a "soft" low emissivity coating (E=01.) to give U-value of max. 1.8W/m2K

PVC-u door - Target U-value 1.4W/m2K.
Proprietary PVC-u door glazed in accordance with manufacturer's ecommendations to achieve a U-value of 1.8W/m2K.

All door/window openings to be framed with insulated proprietary cavity closers with DPC cavity trays beneath cills as shown. Window/door frames to be sealed along their front and back edges.

1no. fixed light with lamp whose efficiency is 40 lumens per circuit watt to be provided to landing area and all new rooms in accordance with paragraph 1.54.



Existing First Floor Plan

Existing Floor Plans and Elevations

PLANNING



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SCALE @ A1 1:50 ; 1:100
DATE Mar 2025
DRAWN ZA
CHECKED KSN

CLIENT Amit Singh
JOB TITLE Single Storey Rear and Side Extension and Double Storey Rear and Side Extension.
DRAWING TITLE Existing Floor Plans and Elevations
DRAWING NO. C1259/ 003