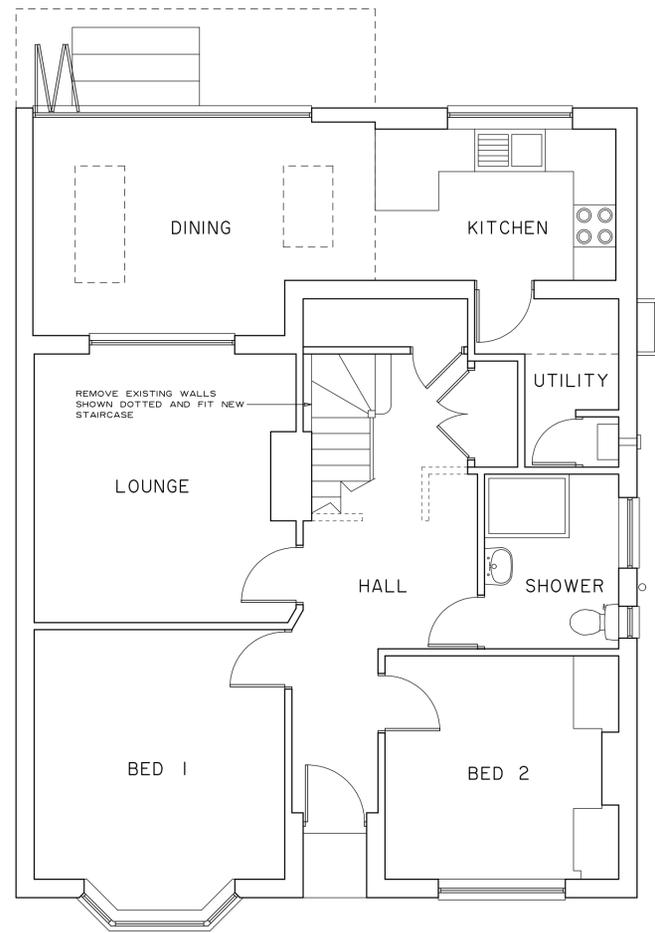


FRONT

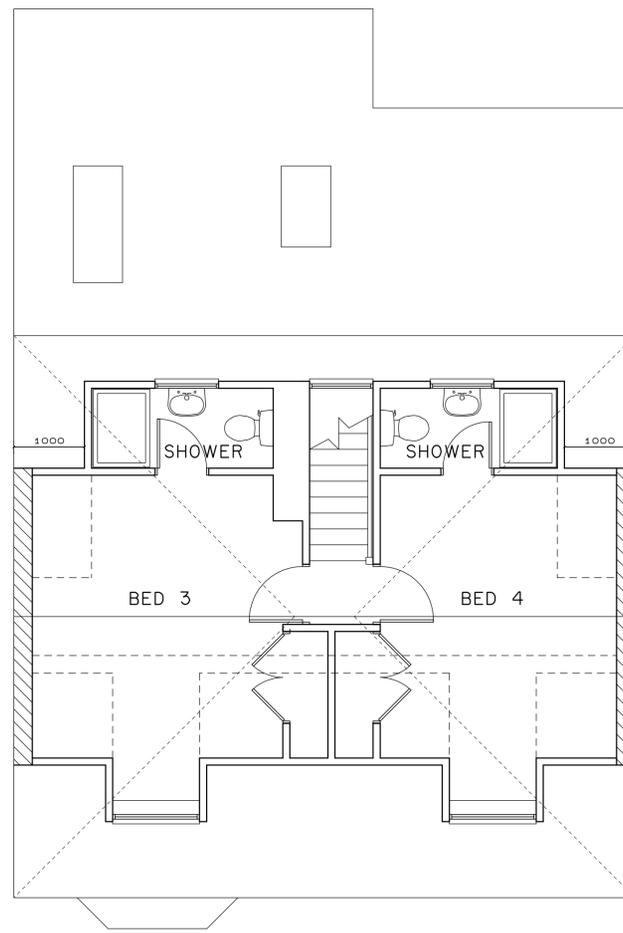
R H SIDE

REAR

L H SIDE



GROUND FLOOR



FIRST FLOOR

Hip to gable roof extension

Consider extended roof from end of existing ridge

$$4.1 \times 3.3 = 13.5 \times 4.1 = 55.3\text{m}^3$$

Deduct volume of existing hip end (half pyramid)

$$8.2 \times 8.2 \times 3.3 = 221.8 / 3 = 73.9 / 2 = 36.9\text{m}^3$$

$$\text{Volume of each hip to gable roof extension } 55.3 - 36.9 = 18.4\text{m}^3$$

$$\text{Total volume of hip to gable roof extensions } 18.4 \times 2 = 36.8\text{m}^2$$

CLIVE BALDWIN *Building Design*

Witches Moon, Stony Lane, Little Kingshill, Bucks. HP16 0DS.
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57 BEECH AVENUE
RUISLIP

Proposed loft conversion

Scale: 1:50, 1:100 @ A1

Date: SEPTEMBER 2022

2236/02

Scale this drawing for Planning purposes only.
All dimensions are to be checked on site and any discrepancies reported.