

VOLUME CALCULATIONS
Max. Permitted Additional Volume For Loft Extensions 50m²

Garage Side, Full hip to gable side extension = (height x width x depth) / 6
= (3.335 x 3.82 x 7.640=97.33) /6 = 16.22m³

Entrance Side, Full hip to gable side extension = (height x width x depth) / 6
= (3.335 x 3.82 x 7.640=97.33) /6 = 16.22m³

Rear, Full hip to gable side extension = (height x width x depth) / 6
= (3.335 x 3.82 x 7.640=97.33) /6 = 16.22m³

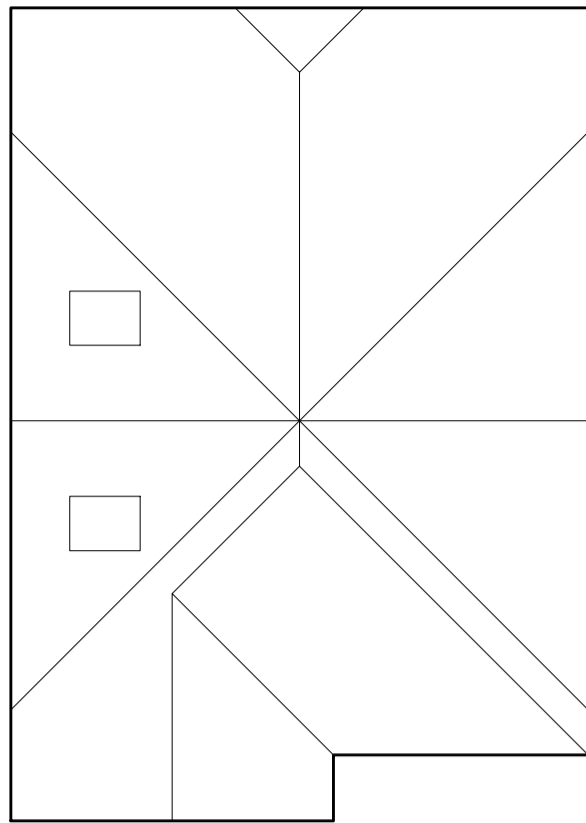
Subtract small prism from full hip to gable to obtain volume of side half gable extension

Small prism volume = (height x width x depth) / 6
= (0.84 x 0.85 x 1.7 =1.21) / 6 = 0.2m³

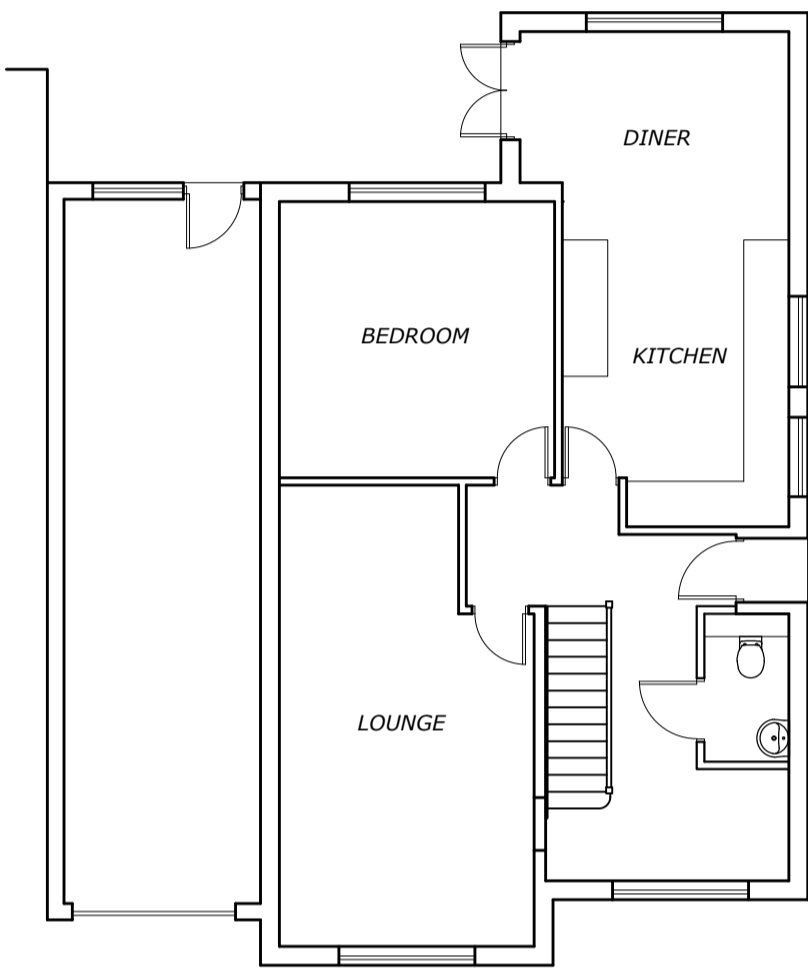
Rear, Half Gable Extension = 16.22m³ - 0.2m³ = 16.02m³

TOTAL VOLUME

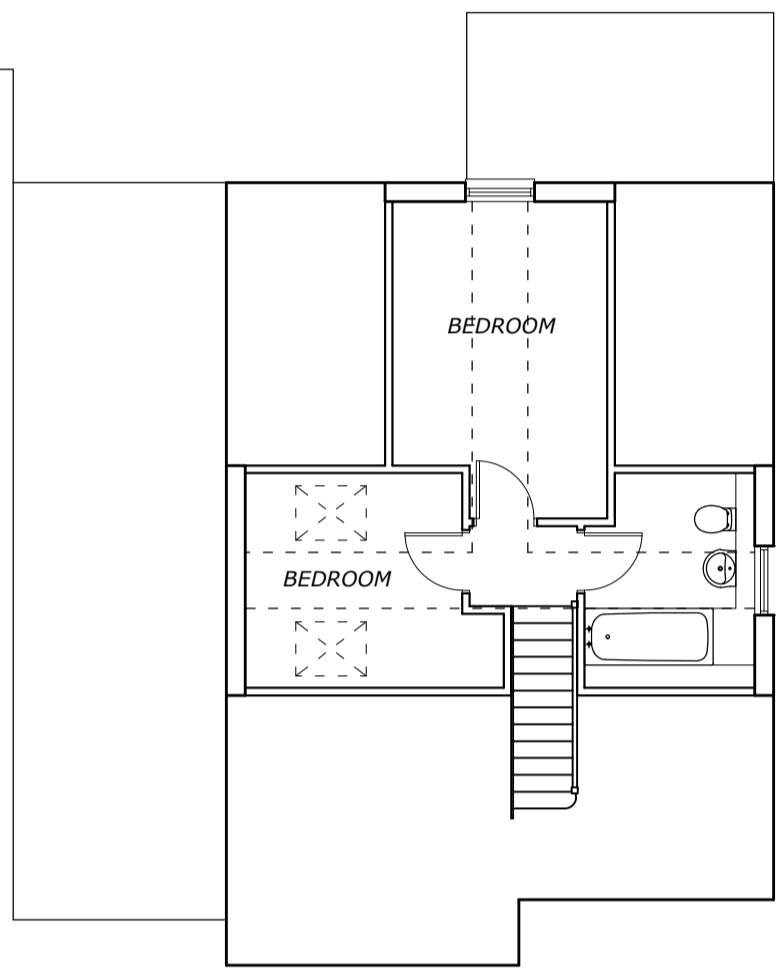
= 48.46m³



Proposed Roof Plan



Proposed Ground Floor

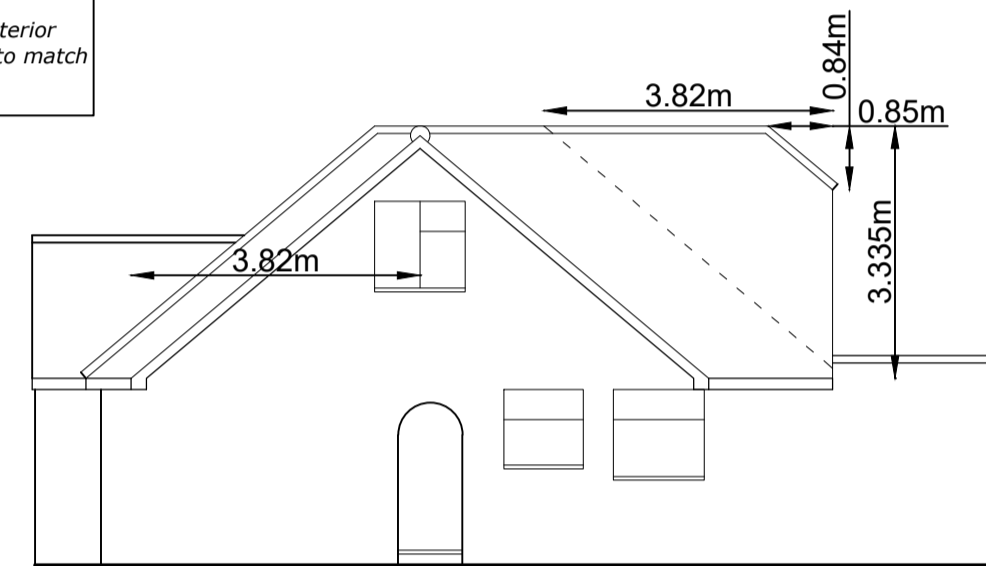


Proposed First Floor



Front

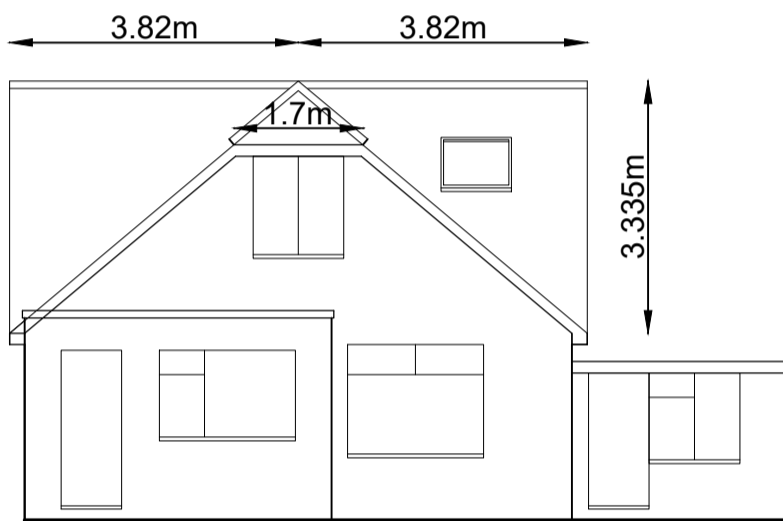
Note:
All new exterior
materials to match
existing.



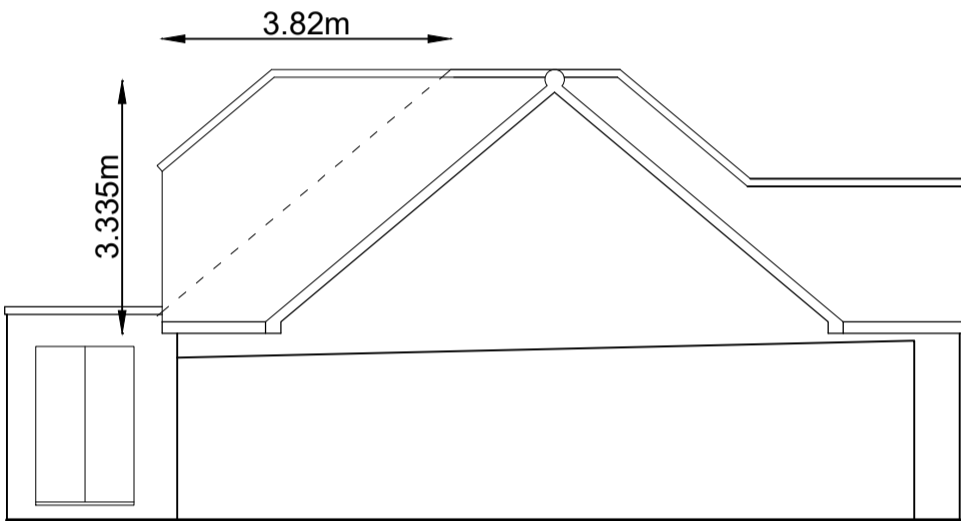
Side

New bathroom
window at first
floor to be
obscurely glazed
& non opening
below 1.7m
from finished
floor level.

Existing roof line
shown dotted.



Rear

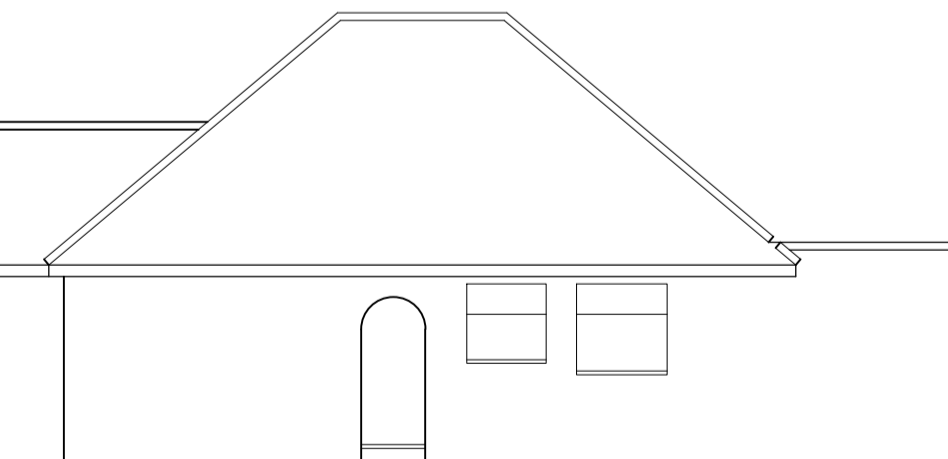


Side

Proposed Elevations



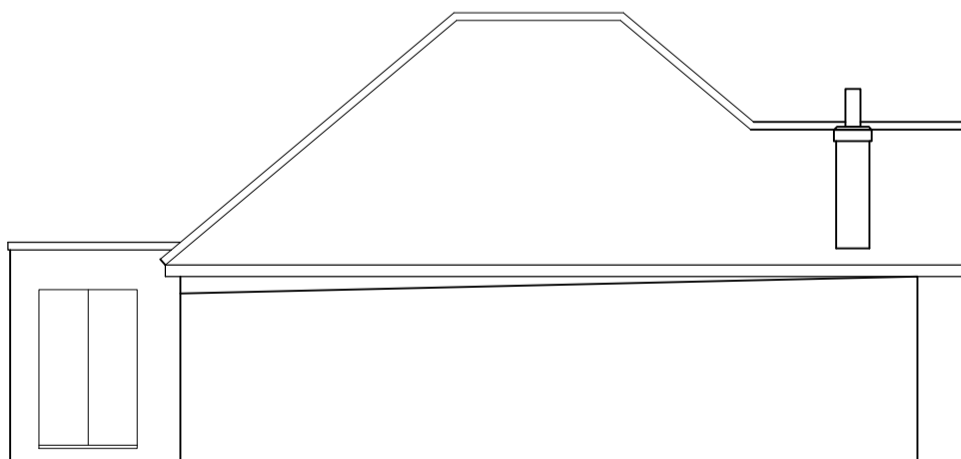
Front



Side

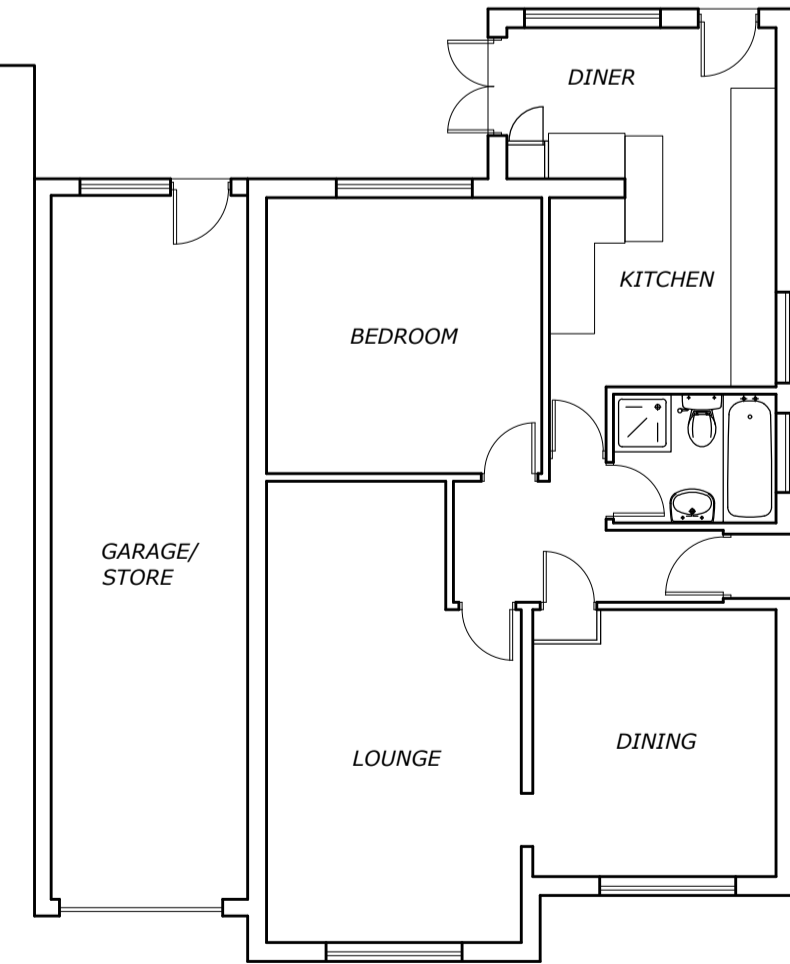


Rear

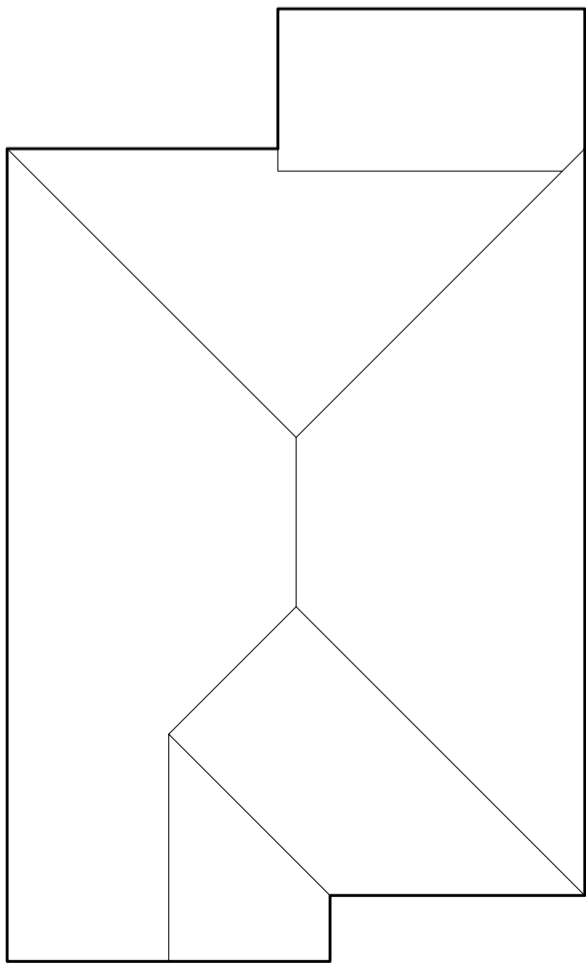


Side

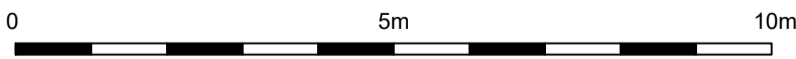
Existing Elevations



Existing Ground Floor



Existing Roof Plan



23 PEMBROKE ROAD , RUISLIP .

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Scale	1:100@A1		