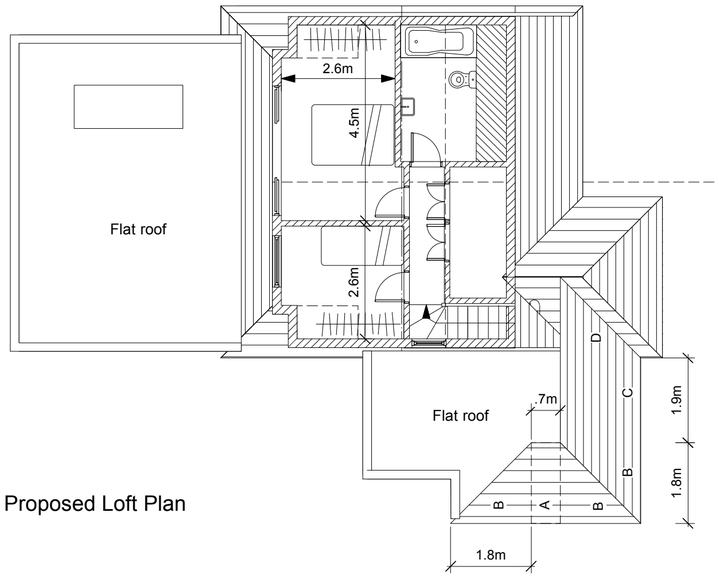
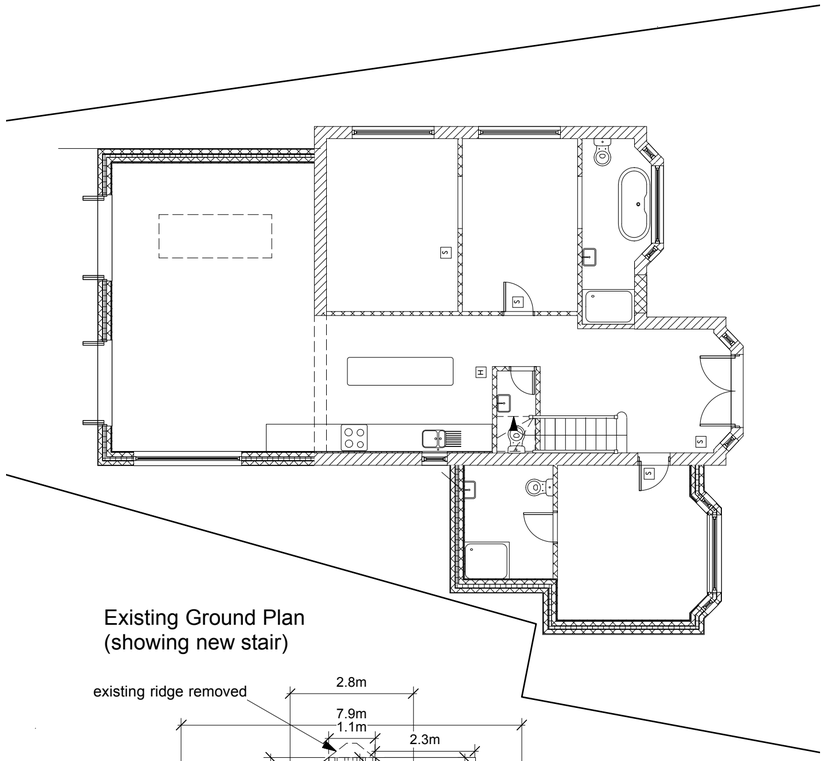
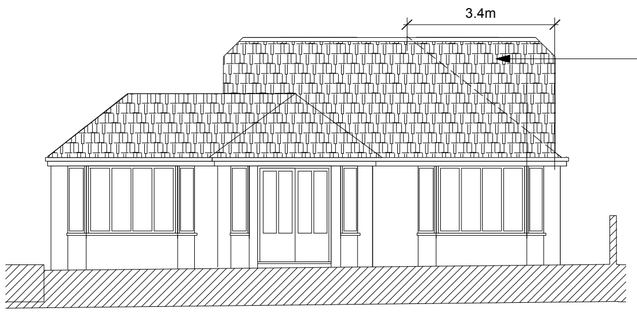


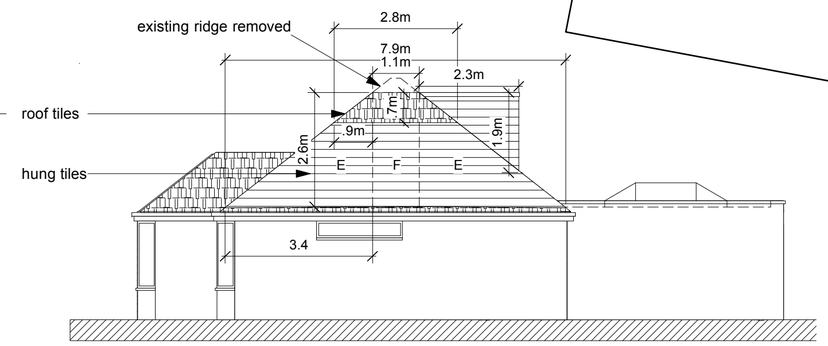
Proposed Loft Plan



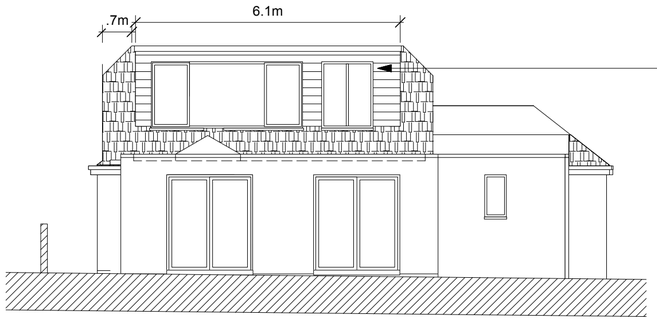
Existing Ground Plan
(showing new stair)



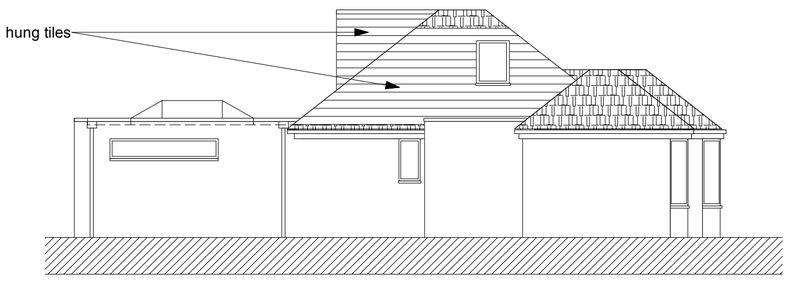
Proposed South Elevation



Proposed East Elevation



Proposed North Elevation



Proposed West Elevation

Additional Roof Volume Calculations

Hip to gable:

E + E :
2.6 x 6.8 x 3.4 / 6 = 10m3
F = 3.4 x 2.6 /2 x 1.1 = 4.9m3
Total one side 14.9
Both = 29.8

Existing top ridge pyramid removed

- .2 x .5 = .1

Barn ends removed

1.7 x.7x.7/6 = .1
.7x.7x 1.1 = .5
Total one side .6
Both = 1.2

TOTAL 29.8 - .1 - 1.2 = 28.5m3

Dormer

- 2.1m2 x 6.1m = 12.8 m3

Side Roofs:

A = 1.3m2 x .7m = .9m3
B = 1.3m2 x 1.8/2 = 1.2 x 3 = 3.6m3
C = 1.3m2 x 2m = 2.6m3
D = 1.3m2 x 1.8 /2 = 1.2

TOTAL 8.3m3

TOTAL OF ALL ROOFS

8.3 + 28.5 + 12.8 = 49.6m3

Note: Materials proposed will match those of the existing building

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Dwg Size
A2

This drawing is to be read in conjunction with all relevant project documentation.
This drawing is subject to the approval of the appropriate Statutory Authorities.
The Contractor is to verify all dimensions & conditions on site and report any discrepencies to the Architect before proceeding.

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Project
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Scale
1:100

Dwg No

Title
Proposed Loft Plans & Elevations

Date
March 2018

567(PD)1b