

All dimensions to be verified on site. Do not scale this drawing. All discrepancies to be clarified with the project architect. This drawing is the property of kei ba architects and is not to be reproduced, stored, copied, or used in any way without the written consent of kei ba architects. This drawing is to be read in conjunction with all relevant architectural drawings and specifications. Ordnance Survey material is used with the permission of The Controller of HMSO. Crown copyright AR 159670.

Scale 1:500 0 500 1000

Scale 1:500 0 5000 10000

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VOLUME CALCULATION FOR HIP TO GABLE AND LOFT DORMER

New Gable Volume:

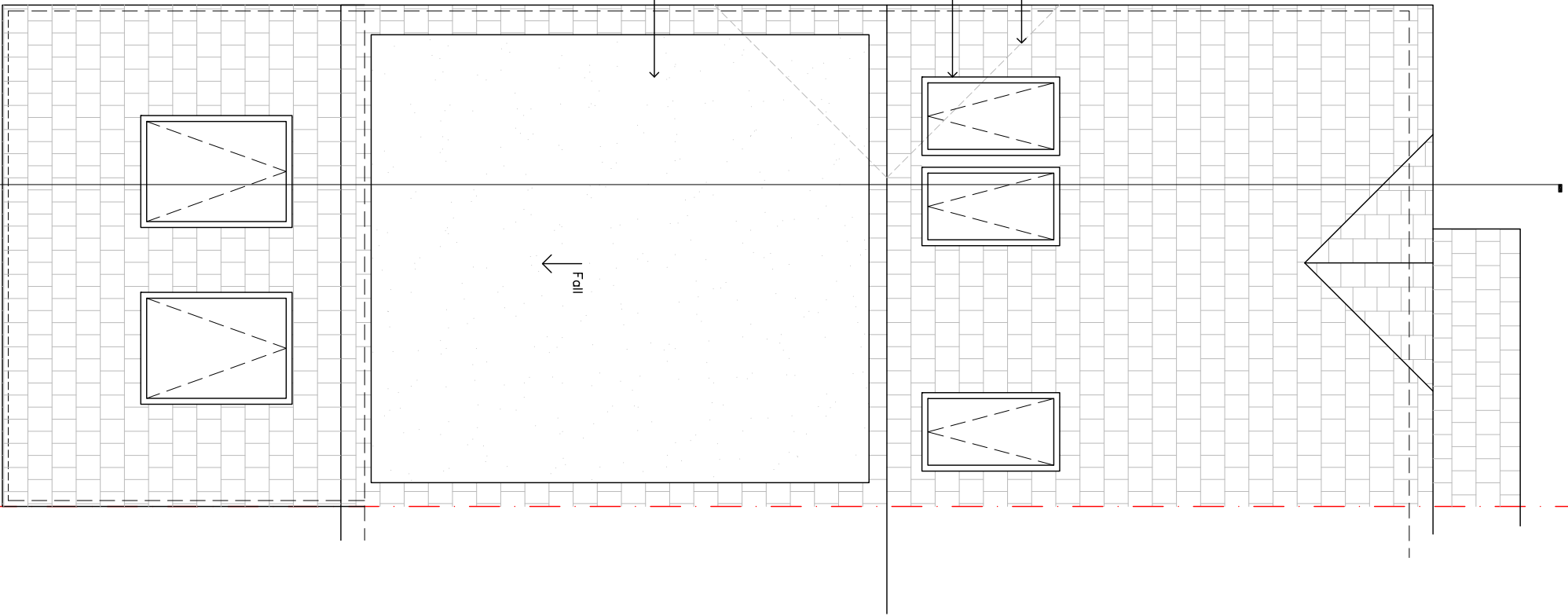
Width of Gable = 2.9m
Height of Ridge = 0.96m
Length of Ridge = 1.45m
 $2.9m \times 0.96m = 2.84m^2$
 $2.84m^2 / 2 = 1.42m^3$
 $1.42 \times 1.45m = 2.06 / 3 = 0.69m^3$ **Gable Volume**

New Dormer Volume:

Height of Dormer = 2.74m
Width of Dormer = 3.77m
Depth of Dormer = 4.26m
 $2.74m \times 3.77m \times 4.26m = 44.00m^3$

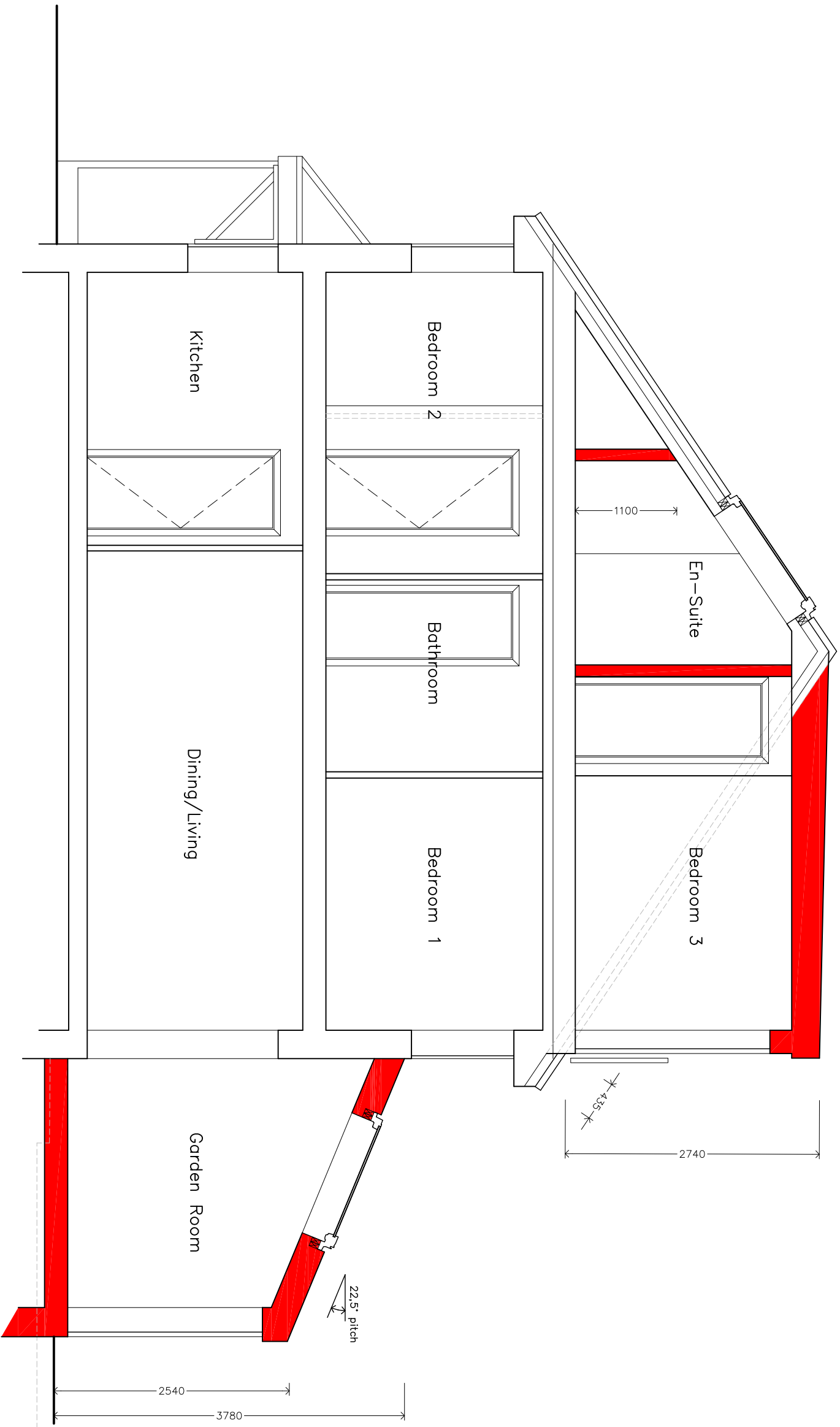
$44.00m^3 / 2 = 22.00m^3$ **Dormer Volume**

Gable Volume + Dormer Volume = **22.69m³**
 $0.69m^3 + 22.00m^3 = 22.69m^3$ **Total Volume**



Proposed Roof Plan

Scale: 1:50



Proposed Section A

Scale: 1:50

01	Issued for Planning Application	KB	09/12/16
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REV:	DESCRIPTION:	BY:	DATE:
PLANNING			

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CLIENT:	Mr Hutchinson & Ms Romero
PROJECT:	Single Storey Rear Extension and Loft Conversion at 4 Theodora Way, Pinner HA5 2RA

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TITLE:	PROPOSED ROOF PLAN AND SECTION A		
SCALE AT A2:	DATE: 08.11.16	DRAWN: KB	CHECKED: KB
PROJECT NO:	1649	DRAWING NO: 035	REVISION: 01