Hip to Gable \ Dormer Calculation

(EXISTING & NEW GABLE FRAMEWORK)

Project Number: 16 The Grovelands

Project title: Proposed Rear Dormer Window

		(m)
Depth of existing roof	A	9.35
Width of existing roof	B	4.9
ridge to eaves on plan	D	N/A
existing roof height	C	2.6
projection of rear dormer	E	4.4
Height of dormer	F	2.525
Width of dormer	G	4.64

Volume of Prism (m3)	(A x C)/2 x (D x 2)	0.00
Volume of pyramid (m3)	(A x D x 2)) x 1/3C	0.00
volume charge (m3)	prism - Pyramid	0.00
volume of one hip to gable	volume charge \ 2	0.00
Volume of dormer	(E x F)/2 x G	25.78
total volume increase	Volume of One Hip to Gable + Dormer	25.78

ADUR & WORTHING PLANNING SERVICES

PLAN	AWDM/0343/19
DATE VALID	- 8 MAR 2019