

unsted design

Address	47 Station Road
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Section 1 Dormer Gable End Addition		
Height	Dormer wall dimension from bottom and top connections of roof slope.	2.06 m
Width	Dimension side to side	2.99 m
Length	Connection with roof slope to top of flat roof, rear.	2.06 m
	Total Volume	12.69 m3
	Division by 6, mutilpy by 4 to give new volume	8.46 m3
Section 1 Dormer Gable End Volume over roof connection.		
Height	Roof connection to top of flat roof	0.52 m
Width	Side roof connection to rear wall.	2.99 m
Length	Rear roof side to side width.	2.99 m
	Total volume	4.65 m3
	No division	4.65 m3
Section 2 Dormer Addition Section 2		
Height	Dormer wall dimension from bottom and top connections of roof slope.	0.52 m
Width	Dimension side to side	2.99 m
Length	Connection with roof slope to top of flat roof, rear.	2.30 m
	Total volume	3.58 m3
	Division by 2 to give new created volume	1.79 m3
Section 2 Dormer Volume over roof connection.		
Height	Roof connection to top of flat roof	0.52 m
Width	Side roof connection to rear wall.	2.99 m

Length	Rear roof side to side width.	2.30 m
	Total volume	3.58 m ³
	No Division	3.58 m ³
Section 3 Dormer volume into valley. Roof connection height		
Height	Dormer wall dimension from bottom and top connections of roof slope.	0.52 m
Width	Roof join to dormer wall.	2.99 m
Length	Vertical flat roof join to eaves.	2.76 m
	Total volume	4.29 m ³
	Division by 6 to give new created volume	0.72 m ³
Section 3 Dormer volume into valley. Roof connection height		
Height	Connection with roof slope to top of flat roof.	0.52 m
Width	Horizontal flat roof join to outside to eaves.	2.99 m
Length	Vertical flat roof join to eaves.	2.76 m
	Total volume	4.29 m ³
	No division	4.29 m ³
Section 4 Addition of gable end		
Height	Eaves to ridge	2.21 m
Width	Eaves to eaves	6.14 m
Length	End of existing ridge to new ridge position	3.06 m
	Total volume	41.52 m ³
	Division by 6 to give new created volume	6.92 m ³
Section 5 Dormer volume over side section.		

Height	Dormer wall dimension from bottom and top connections of roof slope.	1.93 m
Width	Horizontal flat roof join to outside to eaves.	3.76 m
Length	Vertical flat roof join to eaves.	2.76 m
	Total volume	20.03 m ³
	Division by 2 to give new created volume	10.01 m ³
Section 5 Dormer volume over side section.		
Height	Connection with roof slope to top of flat roof.	0.62 m
Width	Horizontal flat roof join to outside to eaves.	3.76 m
Length	Vertical flat roof join to eaves.	2.76 m
	Total volume	6.45 m ³
	No division	6.45 m ³
Total new volume created		46.87 m ³

