Additional Volume

Consisting of extra volume due to
1. Hip to gable conversion
2. Flat Roof dormer

	Formula	Length	Height	Result
Hip to Gable base area m2	1/2 x gable length x gable height	7.33	3.05	11.18 m2

1

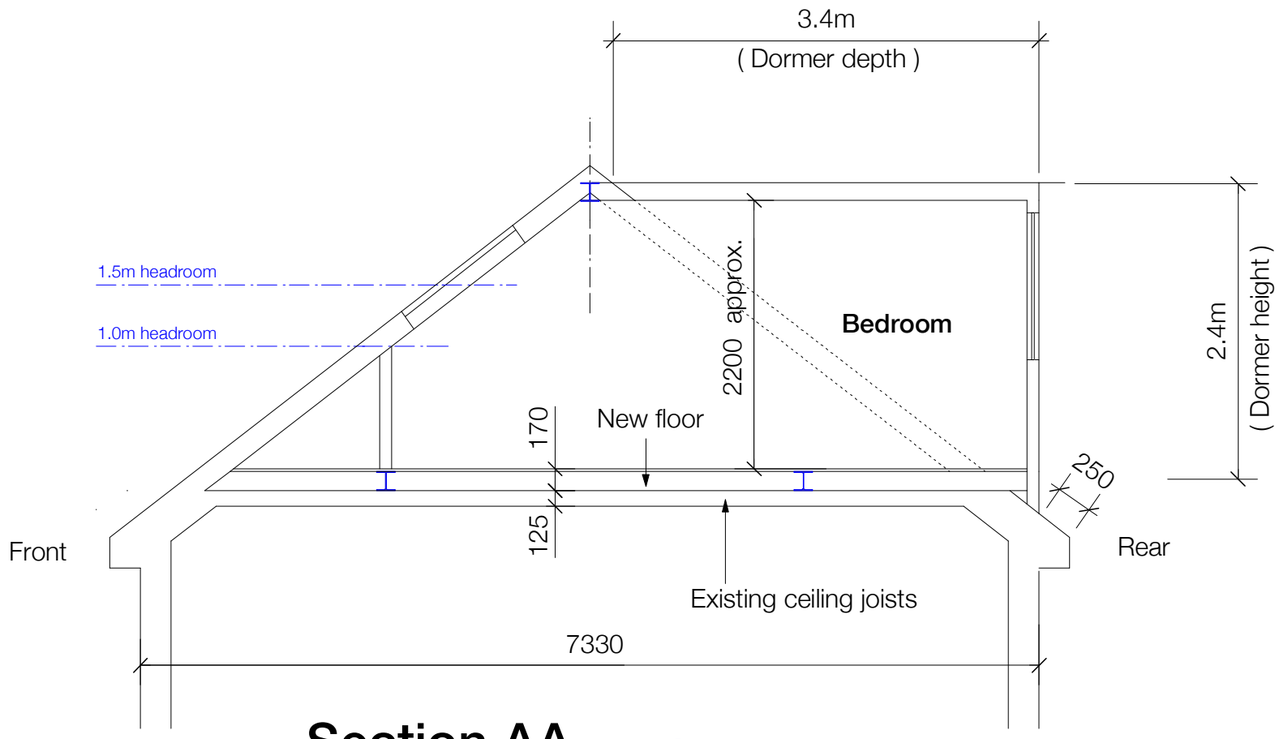
	Formula	Base Area	Gable Ext	Result
Hip to Gable Volume m3	1/3 x area of base x gable extension length	11.18	3.95	14.72 m3

2

	Formula	Depth	Length	Height	Result
Dormer Volume m3	1/2 x depth x length x height	3.4	5.48	2.4	22.36 m3

	Formula	Hip to gable		Dormer	Result
Additional Volume m3	Gable Volume + Dormer Volume	14.72	+	22.36	**37.08** m3

Total Volume increase is less than 40m3 for end of terrace property under permitted development criteria



Section AA

I Steel beam

Client	**Notes**	**Scale Bar** 1:50@A3 Paper Size	**Revision**	**Date**	**Title** Proposed Section A-A / **DWG No** P005
15 Coombe Road, London, N22 5LB	Do not scale from this drawing.	0 0.5 1 1.5 2.5m			**Drawn By** / **Date** November 2022 / **Scale** 1:50
Think before you print					**Project No** 22888 / **Revision** / **Paper Size** A3