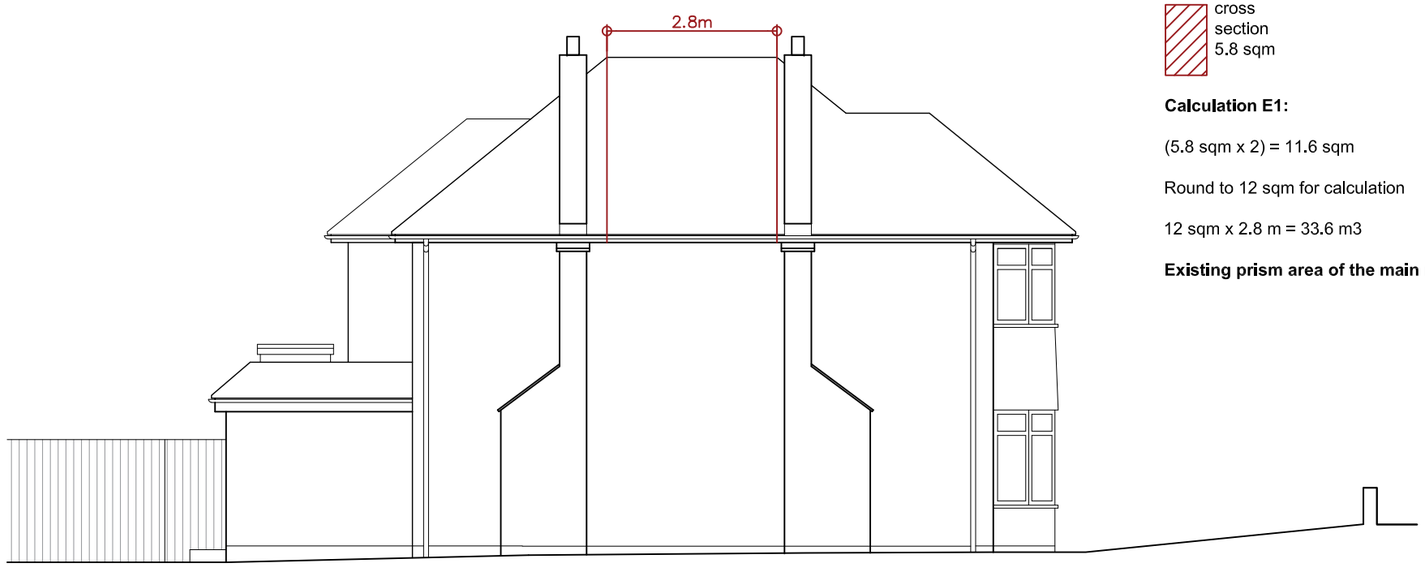
Calculation E1:Existing prism





cross section 5.8 sqm

Calculation E1:

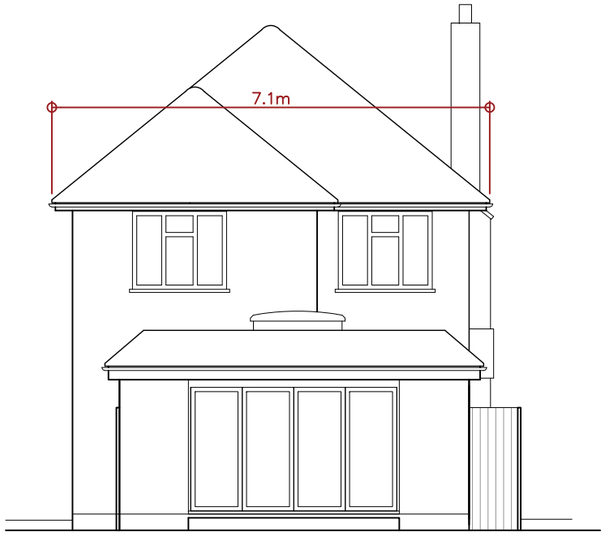
(5.8 sqm x 2) = 11.6 sqm

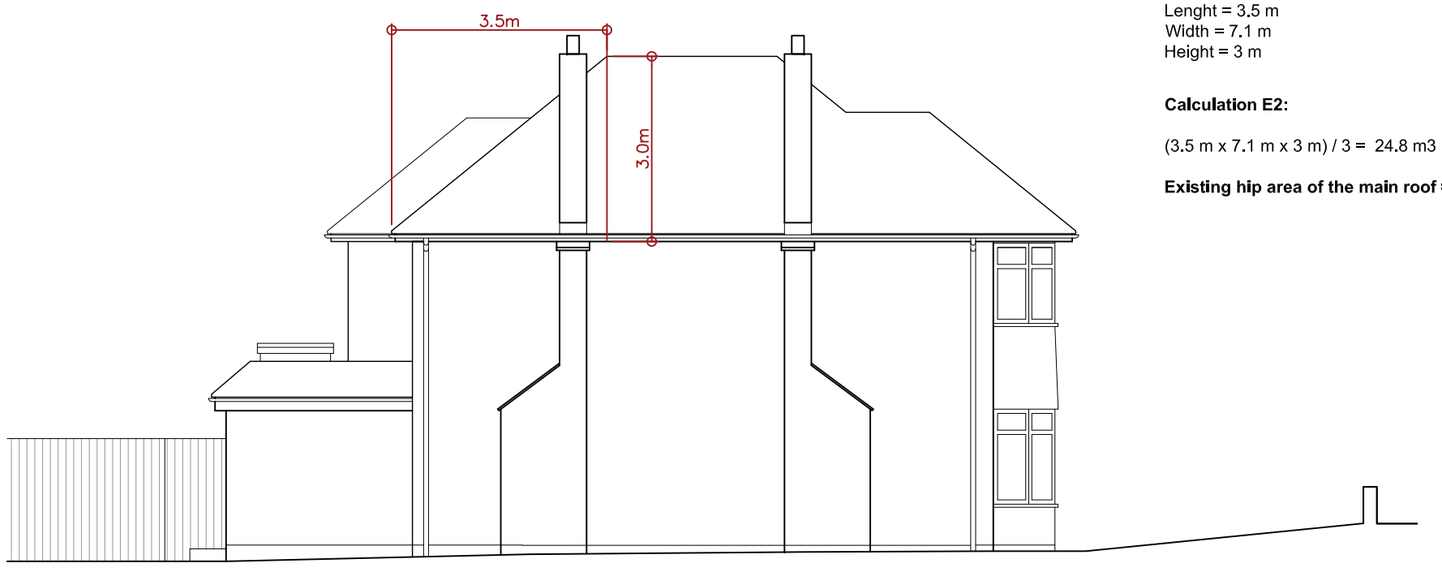
Round to 12 sqm for calculation

12 sqm x 2.8 m = 33.6 m3

Existing prism area of the main roof = 33.6 m3

Calculation E2: Existing hip





Lenght = 3.5 m
Width = 7.1 m
Height = 3 m

Calculation E2:

(3.5 m x 7.1 m x 3 m) / 3 = 24.8 m3

Existing hip area of the main roof = 24.8 m3

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This drawing is not for construction. It is the main contractors responsibility to ensure all dimensions are checked on site prior to the commencement of works.The architect is to be informed of any errors before work proceeds.

1:100 SCALE BAR

0m 5m 10m 15m

Rev:	Date & Notes
00	19.01.2021 CoL application

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Project name
25 Park Avenue, Shoreham-By-Sea

Drawing name
Existing volume calculations

Scale	Size	Job Ref	Dwg No	Rev
1:100	A3	J28	PE3	00

Status
planning