

ROOF VOLUME CALCULATIONS

2 COPPERFIELD CRESCENT, HIGHAM, **KENT, ME3 7NJ**

A	Volume of existing roof (diagram 1)	28.40
B	Volume of proposed roof (diagram 2)	32.60
C	Increase in roof volume(B-A)	4.20
D	Volume of proposed dormer (diagram 3)	21.89
	TOTAL INCREASE IN VOLUME (C+D)	26.09

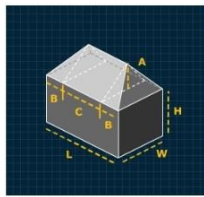
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Penfold Project Services

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DIAGRAM 1- EXISTING ROOF

Pitched roof — two end hips



Width (metres)

4.32

Length (metres)

7.74

Height (metres)

0

A (metres)

1.995

B (metres)

1.84

C (metres)

4.1

Total Volume:

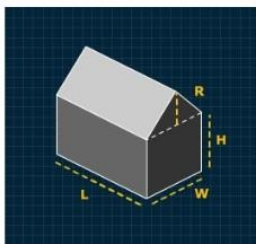
28.24

Calculate Volume

Reset

DIAGRAM 2 – PROPOSED ROOF

Pitched roof — two end gables



Width (metres)

4.32

Length (metres)

7.74

Height (metres)

0

Roof (metres)

1.95

Total Volume:

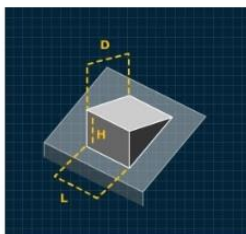
32.60

Calculate Volume

Reset

DIAGRAM 3 – PROPOSED DORMER EXTENSION

Dormer window — flat roof



Height (metres)

2.25

Depth (metres)

2.92

Length (metres)

6.665

Total Volume:

21.89

Calculate Volume

Reset