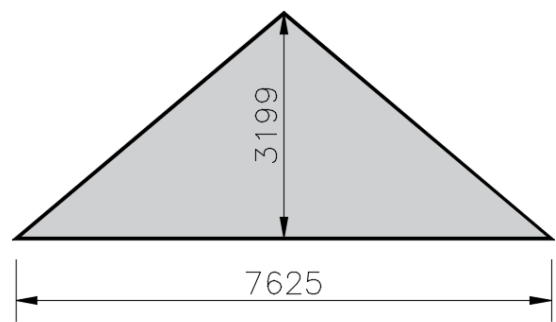
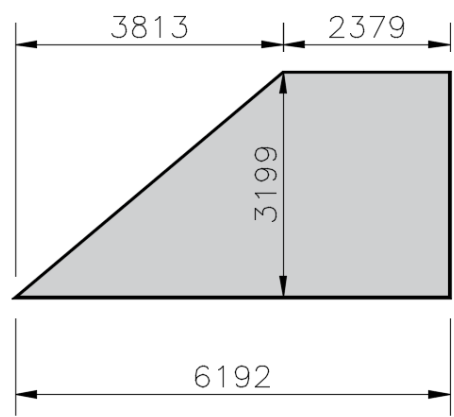
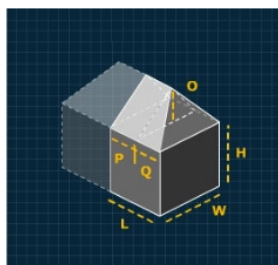


VOLUME CALCULATIONS

Existing Roof



Pitched roof — one end hip



Height (metres)

0

Width (metres)

7.6

Length (metres)

6.2

O (metres)

3.2

P (metres)

2.4

Q (metres)

3.8

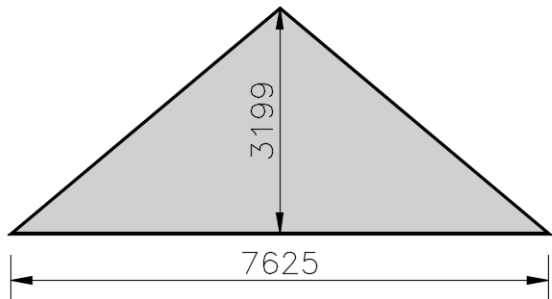
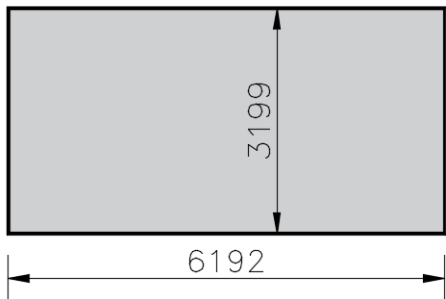
Total Volume:

59.99

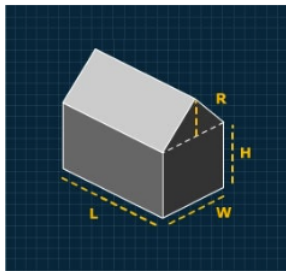
Calculate Volume

Reset

Proposed Roof (with hip to gable extension)



Pitched roof — two end gables



Width (metres)

Length (metres)

Height (metres)

Roof (metres)

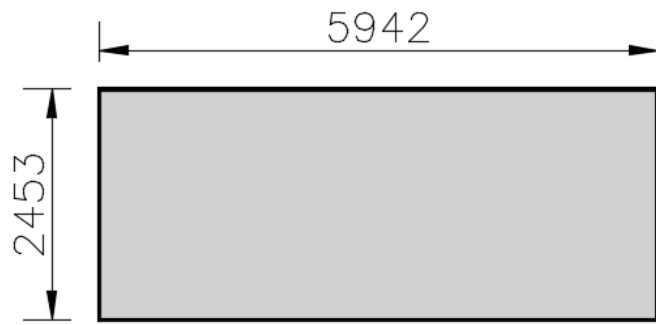
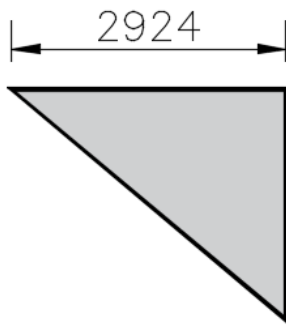
Total Volume:

75.39

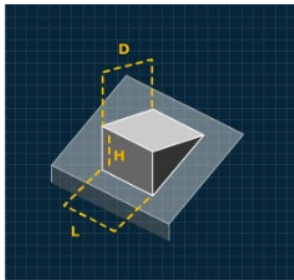
Calculate Volume

Reset

Proposed Dormer



Dormer window — flat roof



Height (metres)

Depth (metres)

Length (metres)

Total Volume:

21.39

Calculate Volume

Reset

Net Increase in Volume =

(Proposed Roof Volume – Existing Roof Volume) + Box Dormer Volume =
(75.39 – 59.99) + 21.39 = **36.79 cu m**