

Roof Volume Calculation

Volume of Proposed Rear Dormer

$V1 = 3.025 \times (2.500/2) \times 5.442 = 20.57m^3$

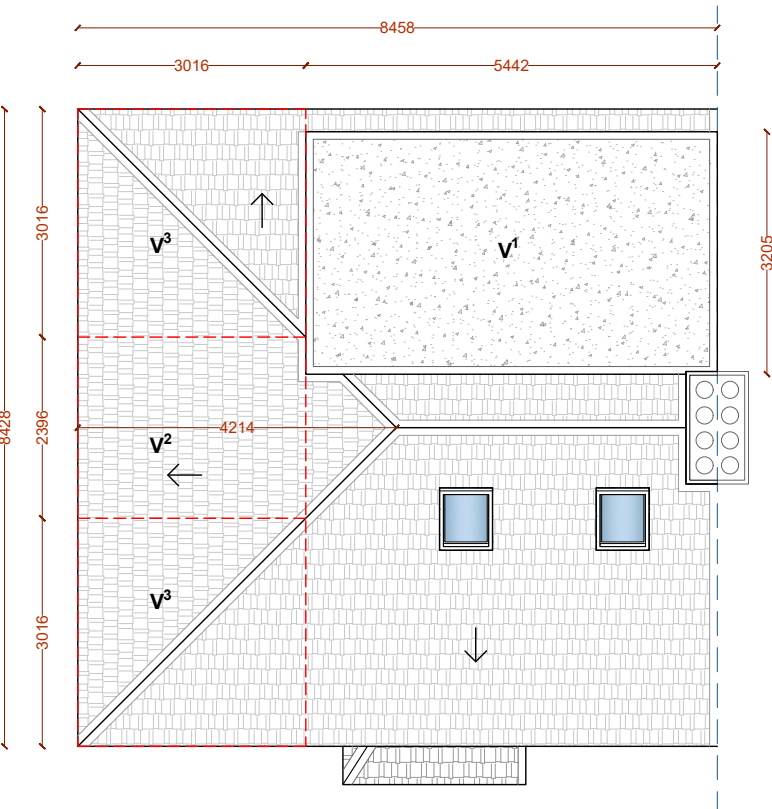
Volume of Existing Extended Roof

$V2 = 2.396 \times (3.162/2) \times 3.016 = 11.42m^3$

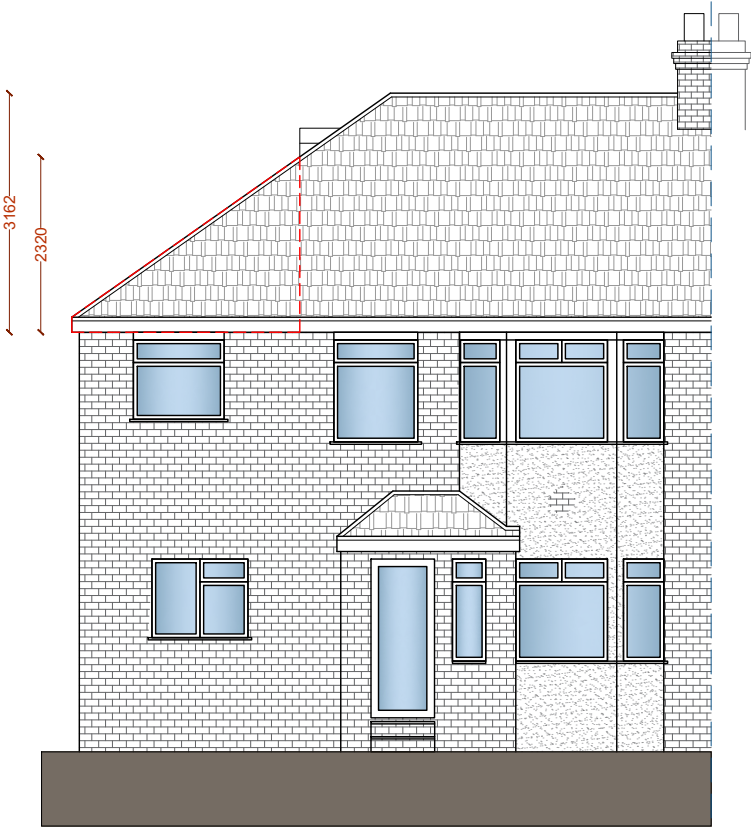
$V3 = 3.016 \times (2.320/4) \times 3.016 = 5.27m^3$

TOTAL VOLUME ADDED TO THE ORIGINAL ROOF

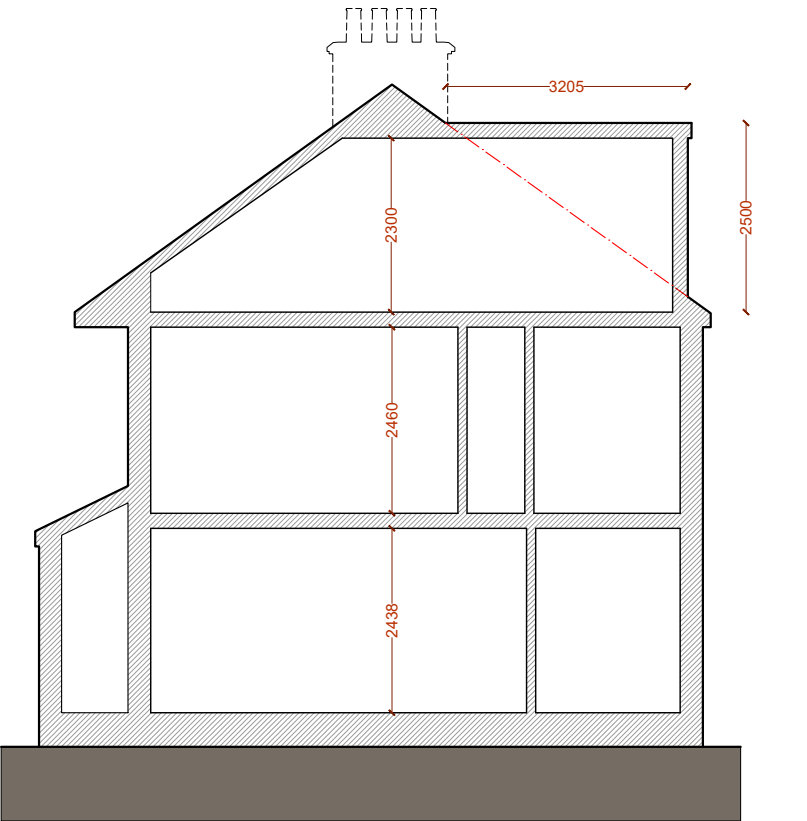
$20.57 + 11.42 + 5.27(2) = 42.53 M^3$



ROOF PLAN



FRONT ELEVATION



SECTION AA



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| Revision | Revision Date |
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|          |               |
|          |               |

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SHEET NUMBER:  
P001  
  
DRAWING TITLE:  
Proposed Volume Calculations  
  
DATE: 27/11/2024  
SCALE: 1:100 @ A3

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