

Proposed Front Elevation



Proposed Rear Elevation

PD: Pebble dash
BW: Brick Work

Note: The Drawings is for planning purpose and should not be used for construction.
All dimensions should be confirmed on site and any deviation should be reported back to designer.

Notes:

- Sky lights not to project more than 150mm above the roof slope.
- Dormer tiles to colour match with the tiles of main roof.
- Glazing to colour match with the glazing of main dwelling house.

Dormer Volume

Height of Dormer (A): 2.025m
Projection of Dormer (B) : 3.6m
Width of Dormer (C) : 2.5m

Volume of dormer: $(AxBxC)/2$
 $=(2.025x3.6x2.5)/2$
 $=9.1m^3$

Existing Side Extension Roof Volume:

Depth of Extension Roof (D) : 7.2m
Width of Extension Roof (E) : 2.8m
Height of Roof (F) : 2.2m

Volume of Roof : $(DxExF)/2$
 $=(7.2x2.8x2.2)/2$
 $=22.1m^3$

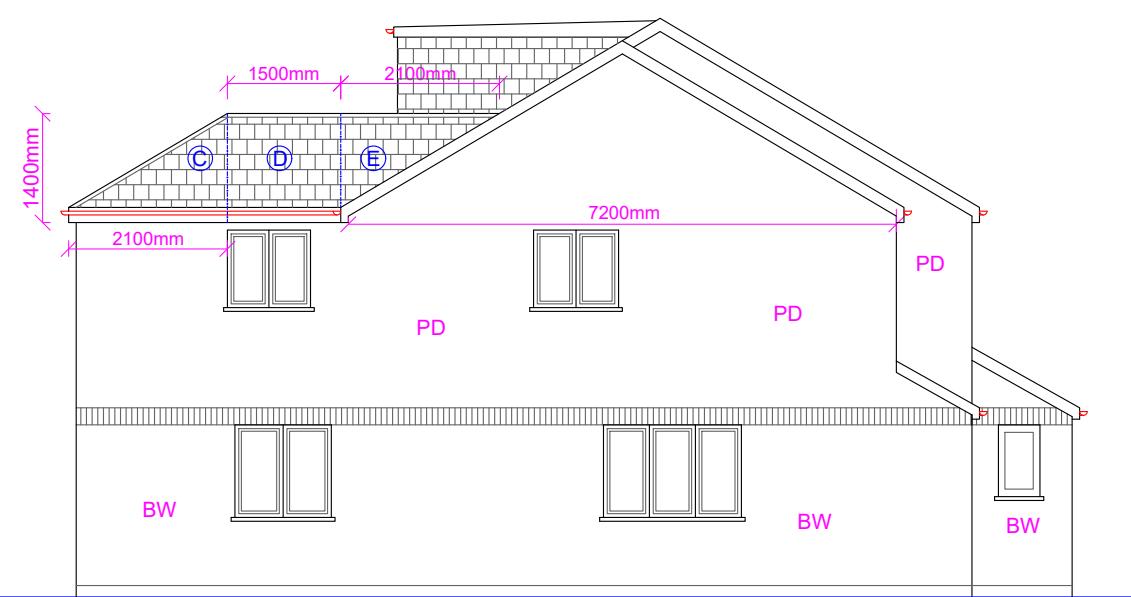
Existing First floor rear extension roof volume:

Volume of part C = $(4.2x2.1x1.4)/6$ = 2.05m³
Volume of Part D = $(4.2x1.5x1.4)/2$ = 4.4m³
Volume of part E = $(4.2x2.1x1.4)/6$ = 2.05m³

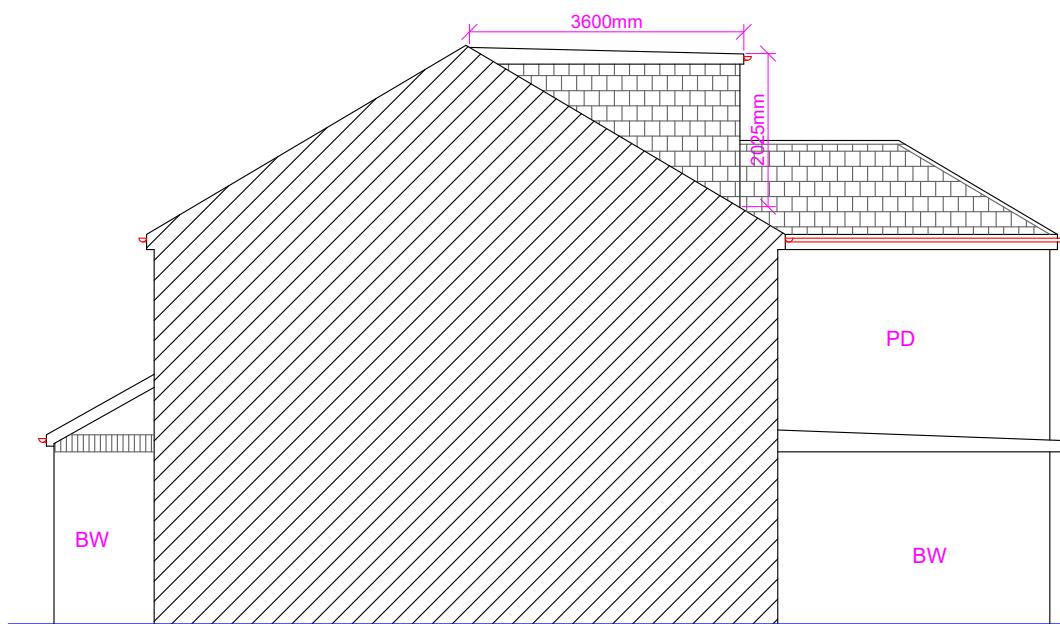
Total Volume = 2.05+4.4+2.05 = 8.5m³

TOTAL VOLUME OF ROOF AND DORMER

$9.1 + 22.1 + 8.5 = 39.7m^3 < 40.0m^3$



Proposed Side Elevation (LHS)



Proposed Side Elevation (RHS)

Proposed Development:
Loft Extension

Site Address:
63 Abbotswood Way
Hayes
UB3 3PF

Revisions:		Description
Rev	Date	
A	24/09/2024	

Drawing Description:
Proposed Elevations
Drawing No:
ART/2024/LE63AW/PE

Scale: 1:100
Paper Size: A3
Sheet No: 3 of 5



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