



ROOF LIGHTS on pitch roof
Rooflights to be double glazed + to meet 'U' value of min. 2.0 W/m sq.K.
All roof lights to be A-A fire rated.

Double up rafters on the side of opening, supporting double trimmers above & below opening. Bolt together with M12 bolts at 450 c/s.
Must be 450mm minimum clear opening with non opening fasteners.

Slim line frame for pitched roof.
Reset within roof tiles.
Can be fixed to roof pitch as low as 12 deg. & as high as 90 deg.



01 01 PROP ELEV FRONT
Scale: 1:100

Loft Volume calculations:

1) Roof Volume :
Base of gable wall= 8.42m
Width of gable wall=4.5m
Height of gable wall=3.27m

Increase in roof volume
 $= (8.42 \times 4.5 \times 3.27)/6$
 $= 20.65 \text{ cu.m.}$

2)Dormer Volume:
Length of dormer=6.1m
Height of dormer=2.5m
Projection of dormer=3.5m

Volume of Dormer
 $= (6.1 \times 2.5 \times 3.5)/2$
 $= 26.68 \text{ cu.m.}$

TOTAL VOLUME
 $= 20.65 + 26.68$
 $= 47.33 \text{ cu.m.} < 50.0 \text{ cu.m.}$



02 02 PROP ELEV REAR
Scale: 1:100



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0 1m 2m 3m 4m 5m 6m 7m 8m 9m

scale - 1 : 100 @ A3

Purpose - Certificate of lawful development

All dimensions to be checked on site.
All omissions & discrepancies to be reported to the designer.

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PROJECT: 16 North View,
Pinner, HA5 1PE

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