



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.

Loft Volume calculations:

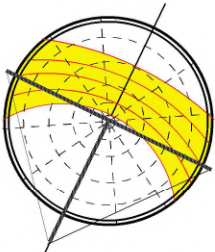
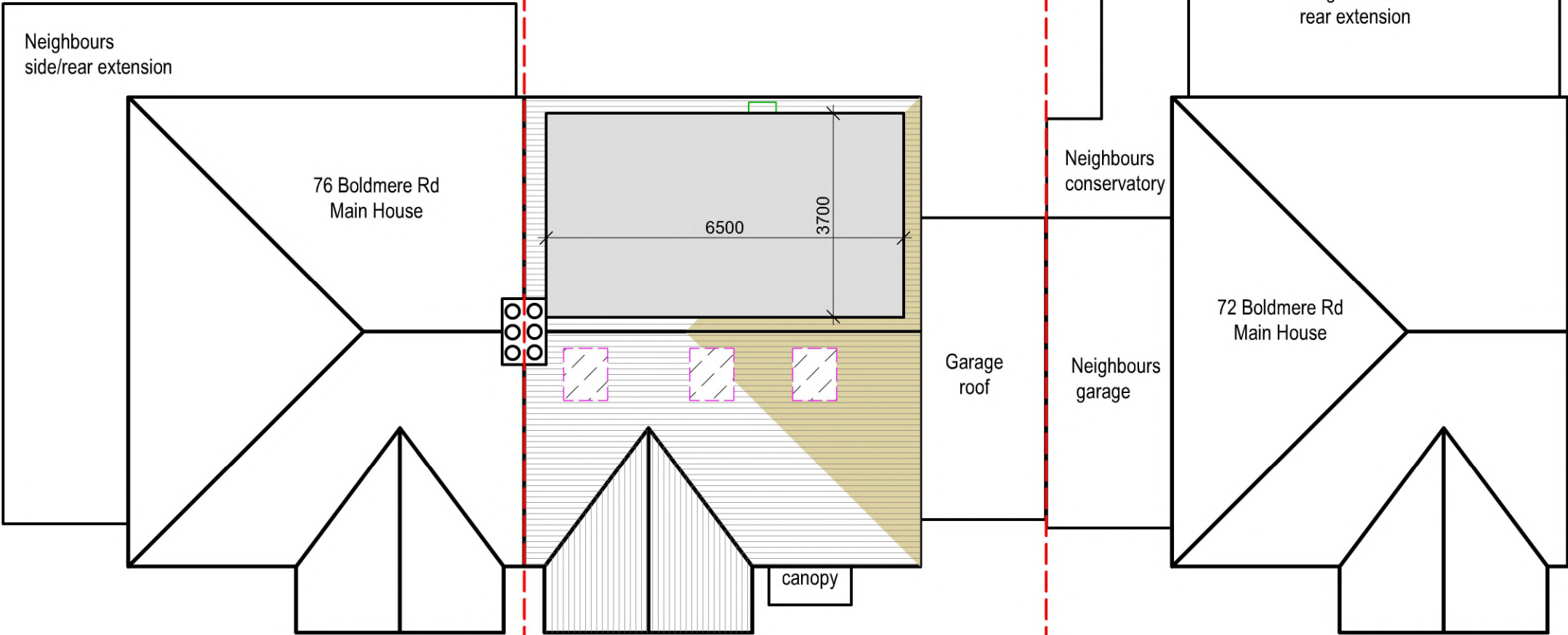
1) Roof Volume :
Base of gable wall= 7.95m
Width of gable wall=4.28m
Height of gable wall=2.77m

Increase in roof volume
 $= (7.95 \times 4.28 \times 2.77) / 6$
 $= 15.70 \text{ cu.m.}$

2)Dormer Volume:
Length of dormer=6.5m
Height of dormer=2.4m
Projection of dormer=3.7m

Volume of Dormer
 $= (6.5 \times 2.4 \times 3.7) / 2$
 $= 28.86 \text{ cu.m.}$

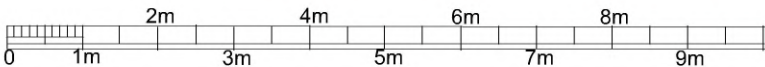
TOTAL VOLUME
 $= 15.70 + 28.86$
 $= 44.56 \text{ cu.m.} < 50.0 \text{ cu.m.}$



11 **PROP ROOF PLAN**
Scale: 1:100



tel : 0796 222 3141
email : sandeep@sskarchitects.co.uk



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.	PROJECT: 74 Boldmere Rd. Pinner, HA5 1PP	DATE: 20/02/2024
© SSK architects owns the copyright of this drawing which must not be reproduced in whole or part without the written permission.	DWG NO: PROP ROOF 11	REVISION:

PROPOSED