



VOLUME CALCULATION	
Pyramid volume	
$Va = \frac{1}{3} \times (X) - 6.800 \times (Y) - 2.690 \times \frac{1}{2} \times (Z) - 3.370 = 10.27$	
$Vb = \frac{1}{3} \times (X) - 6.800 \times (Y) - 2.690 \times \frac{1}{2} \times (Z) - 3.370 = 10.27$	
$V \text{ a+b} = 20.54$	
Triangular Prism	
$Vc = \frac{1}{2} \times (A) - 8.284 \times (B) - 2.425 \times (C) - 2.903 = 29.15$	
Total Volume 49.69m ³	

TOTAL 49.69 m³
(area less than 50m³ which is permitted)
The proposed development therfore permitted development under GPDO 2015 (as amended)

Velux Windows
The roof light proposed in the front sloping roof will not protrude more than 150mm beyond the plane of the slope of the original roof when measured from perpendicular with the external surface of the original roof.

- Material Finishes
1. All external wall finishes to match existing
 2. All new windows to rear to match existing incorporating low energy units
 3. Roof tiles to match existing
 4. Tile hanging to dormer face and cheeks including gable end to match main roof.
 5. New roof to be energy efficient with upgrade to existing roof to current requirements

Rear Extension (GIA)
Existing extension to be demolished 7.8sqm
Proposed 29.7sqm
4m depth with full width of the main house and height no more than 3m.In accordance with Local Policy DMHD 1

Existing Shed 3.2sqm removed
Existing Garage 13.2sqm Retained
New extension to garage area 4.0sqm
In accordance with Local Policy DMHD 1

GENERAL NOTES			
Rev	Date	Description	By

Scale @ 1:100

5m

4m

3m

2m

1m

0m

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Project
34 Hillside Gardens Northwood
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Drawing Title
Proposed Roof Plan and Volume area

Drawn MH	Date Jun 2024	Scale @ A3 1:100
Job No 2024.004	Drawing No PL006	Revision

Planning

GENERAL NOTES
The Scheme Design and Proposals is subject to Town Planning and all other necessary consents. All feasibility studies are subject to full site survey.
All Dimensions, areas and levels given are only approximate and subject to site survey.
All dimensions are to be checked on site. This drawing is to be read in conjunction with all other consultants and/or specialists drawings/documents and any discrepancies or variations are to be notified to the architects in writing before the affected work commences.
Queries relating to design of structural element to be referred to the structural engineering consultant for confirmation and approval.
The workmanship and materials and implementation to comply with the recommendations of British Standard (BS)8000 parts 1-16 inclusive and with Approved Document to support Regulation 7 1999 edition (incorporating 2000 amendments) of the Building Regulations 2010.
All design and construction is to be in accordance with the Construction (Design and Management) Regulations 2015.

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Note