

Loft Volume calculations:

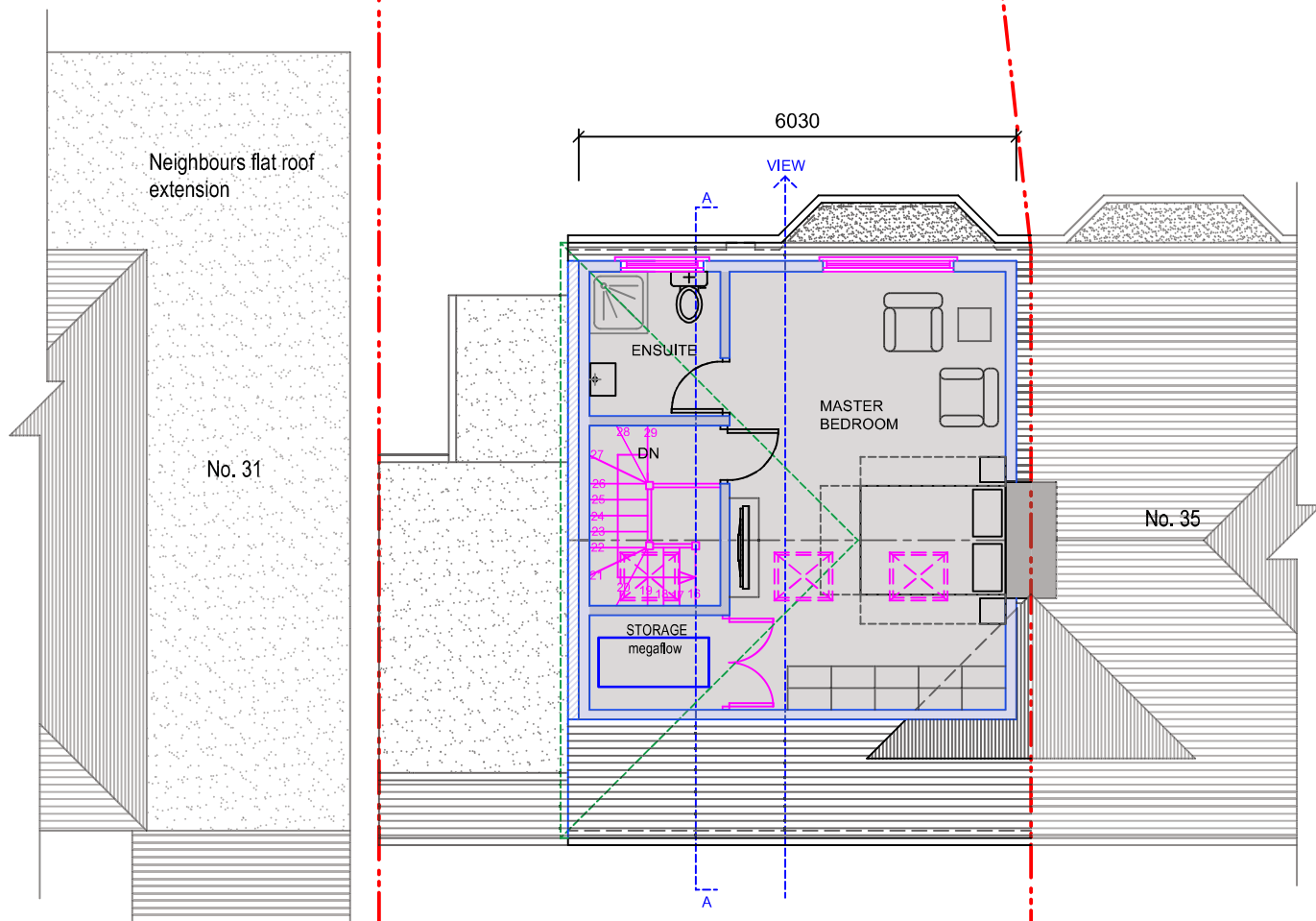
1) Roof Volume :
Base of gable wall= 7.95m
Width of gable wall=4.0m
Height of gable wall=3.2m

Increase in roof volume
= $(7.95 \times 4.0 \times 3.2) / 6$
=16.96 cu.m.

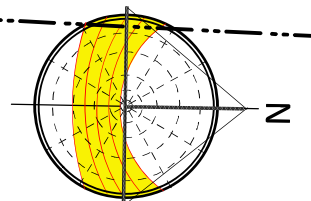
2)Dormer Volume:
Length of dormer=6.03m
Height of dormer=2.705m
Projection of dormer=3.465m

Volume of Dormer
= $(6.03 \times 2.705 \times 3.465) / 2$
=28.25 cu.m.

TOTAL VOLUME
=16.96+28.25
=45.21cu.m. < 50.0cu.m.



PROPOSED LOFT PLAN



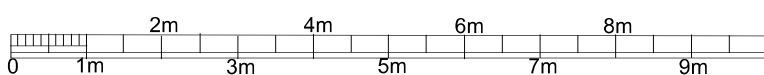
PROPOSED

Purpose - Certificate of lawful development application

All dimensions to be checked on site. All omissions & discrepancies to be reported to the designer.	PROJECT: 33 Alandale Drive Pinner, HA5 3UP	DATE: 13/01/2022
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tel : 0796 222 3141
email : sandeep@sskarchitects.co.uk



scale - 1 : 100 @ A3