



**REAR
ELEVATION**
SCALE 1:50

VOLUME CALCULATIONS

CALCULATIONS FOR CONVERTING HIP TO GABLE END.

THE AREA OF THE GABLE END = 12.9 SQM
LENGTH OF HIP = 3.34 M

THEREFORE INCREASE IN VOLUME OF THE ROOF EXTENSION
 $\frac{1}{3}(\text{AREA OF GABLE END} \times \text{LENGTH OF HIP})$
 $\frac{1}{3}(12.9 \times 3.34) = 14.34 \text{ CBM}$

CALCULATIONS FOR THE NEW REAR DORMER.

VOLUME OF THE DORMER = $(0.5 \times \text{DORMER PROJECTION} \times \text{DORMER HEIGHT}) \times \text{DORMER LENGTH}$

THEREFORE VOLUME OF THE DORMER = $(0.5 \times 3.17 \times 2.99) \times 5.78 = 27.40 \text{ CBM}$

THEREFORE TOTAL INCREASE IN VOLUME FOR LOFT CONVERSION
 $14.34 \text{ CBM} + 27.40 \text{ CBM} = 41.74 \text{ CBM WHICH IS UNDER 50 CBM}$

CONTRACTOR MUST VERIFY ALL DIMENSION AND ENSURE THAT THE CONSTRUCTION IS WITHIN PERMITTED DEVELOPMENT ALLOWANCE.

ALL PROPOSED MATERIAL TO MATCH THE EXISTING DWELLING.

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09.11.23
date,
P_17_219
project no.,

Rear Elevation
Proposed
drawing title,
—

1:50 A3
scale,
Planning
status,
P211 Rev__
drawing no.,

Please Note (1) All drawings and designs are covered by design right (intellectual property), and may not be distributed, copied or issue without written permission of Pu architect. (2) All design concepts are the sole property of Pu architect and no adaptations, reproductions or copies may be made without written permission of Pu architect. (3) All dimensions to be checked on site, any discrepancy between this drawing and other information is to be referred to Pu architect. (4) All dimensions in millimeters unless otherwise noted. (5) Do not use for construction unless approved by Pu architect.—

Dimensions stated are for guidance only, contractor to verify all boundary positions and dimensions on site prior to commencing any works, making workshop drawings or obtaining any materials.
No site supervision is implied or undertaken unless otherwise separately arranged.

The drawing does not indicate the extent of any excavation works and the contractor is to determine this prior to submitting a quotation for the works or commencing any works.

The drawing does not indicate or imply the structural condition of the property, the survey carried out was a "measure survey" for assistance in the preparation of details for Planning and Building Regulations purposes only. The details shown assume that the property is in sound condition and that there are no adverse ground conditions.

Prior to commencing works the contractor must verify with the client that no underpinning of the property has been carried out and that no structural survey has been undertaken reporting that structural and/or ground problems exist.

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Prior to commencing works the contractor must obtain verification from the client or his legal adviser that no restrictive covenants exist or that any "right of light" will not be infringed and if so that reasonable steps have been taken by the client to comply with them.

Prior to commencing works the contractor must have sight of the Planning and Building Regulations approval and must note any conditions thereon, in particular, the Planning Consent will require samples of the facing materials to be submitted to the Planning Authority for their written approval prior to installation on site.

All materials and workmanship to comply with the current Building Regulations and all relevant British Standards and Codes of Practice.
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