

ROOF EXTENSION ON
ORIGINAL DWELLING

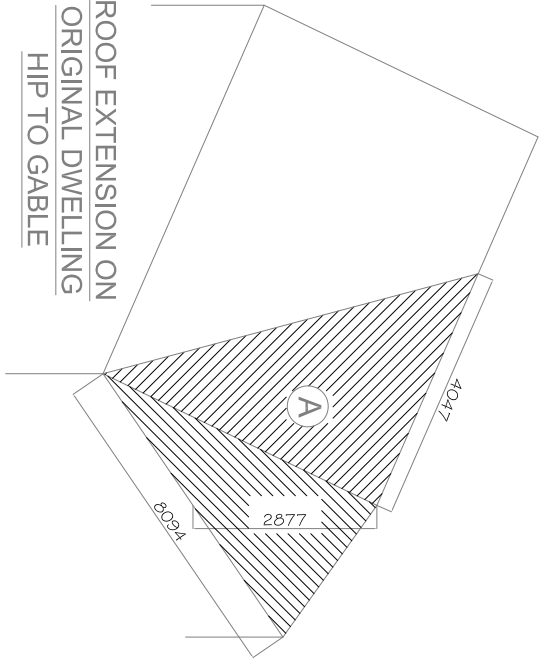
VOLUME OF DORMER B = $3.688(D) \times 2.512(H) \times 3.8(L)$

= 35.202
= 17.60 cubic metres
TOTAL VOLUME A+B
= $30.05 + 15.70$
= 45.75 cubic metres

THEREFORE THE PROPOSED
LOT CONVERSION IS WITHIN
THE PERMISSIBLE VOLUME
FOR A SEMI-DETACHED
DWELLINGHOUSE
UNDER PERMITTED DEVELOPMENT

DEVELOPMENT IS PERMITTED BY CLASS B OF THE
TOWN AND COUNTRY PLANNING (GENERAL
PERMITTED DEVELOPMENT) (AMENDMENT) (NO. 2)
[ENGLAND] ORDER 2008

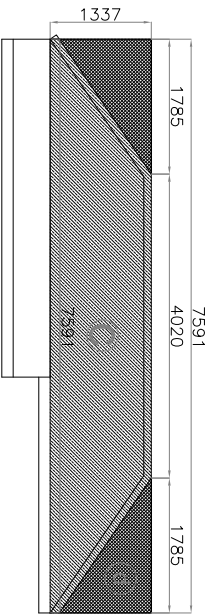
- AS A RESULT OF THE WORKS NO PART OF THE DWELLINGHOUSE WOULD EXCEED THE HEIGHT OF THE HIGHEST PART OF THE EXISTING ROOF
- NO PART OF THE DWELLINGHOUSE WOULD EXTEND BEYOND THE PLANE OF ANY EXISTING ROOF SLOPE WHICH FORMS THE PRINCIPLE ELEVATION OF THE DWELLINGHOUSE AND FRONTS A HIGHWAY, WITH THE EXCEPTION OF THE ROOFLIGHTS WHICH ARE PERMITTED UNDER CLASS C
- THE CUBIC CONTENT OF THE RESULTING ROOF SPACE WOULD NOT EXCEED THE CUBIC CONTENT OF THE ORIGINAL ROOF SPACE BY MORE THAN 40 CUBIC METRES.
- THE WORKS WOULD NOT CONSIST OF THE CONSTRUCTION OF A VERANDA, BALCONY OR OTHER RAISED PLATFORM. IT WOULD CONSIST OF ALTERATIONS TO THE CHIMNEY WHICH IS PERMITTED UNDER CLASS G.
- THE DWELLING IS NOT ON ARTICLE 1(5) LAND.



ROOF EXTENSION ON
ORIGINAL DWELLING
HIP TO GABLE

VOLUME OF HIP TO GABLE = $\frac{1}{6} (4.047(D) \times 2.877(H) \times 8.094(W))$
= $\frac{1}{6} (94.24)$
= 15.70

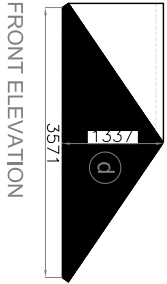
TOTAL VOLUME A + B + (C-D) + E
= $15.70 + 17.60 + 15.41 + 0.43$
= 49.14 CU MTS



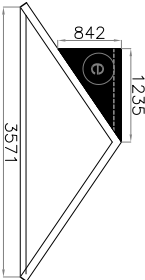
SIDE ELEVATION

VOLUME OF ROOF ON THE FIRST FLOOR SIDE EXTENSION (C) - HIP TO GABLE AT THE
FRONT AND AT THE BACK (D)

= VOLUME C - VOLUME D
= $(W) 7.591 \times (H) 1.337 \times (D) 3.571 / 2 - 2 \left(\frac{1}{6} (H) 1.337 \times (W) 1.785 \times (D) 3.571 \right)$
= $36.24 / 2 - 2 \left(\frac{1}{6} (8.5) \right)$
= $18.21 - 2(1.4)$
= $18.21 - 2.8$
= 15.41 Cu mts



FRONT ELEVATION



CONNECTION BETWEEN
GABLE ROOF AND THE
FIRST FLOOR EXTENSION

(E)
= $\left(\frac{1}{6} (H) 0.842 \times (W) 2.471 \times (D) 1.235 \right)$
= $\frac{1}{6} (2.5)$
= 0.43 Cu mts

GENERAL NOTES

All dimensions, levels, sizes, positions and locations of particulars as indicated on drawings are to be verified by the appointed Contractor on site prior to engaging in works.

Any discrepancies must be reported to the Architect/Surveyor/Engineer or responsible persons immediately.

No dimension to be scaled from the drawings for construction purposes unless otherwise indicated. All work is to comply with current Building Regulations.

Partly Wall etc. Act 1996 would apply and contractor is to assure that no work is commenced until this formally is completed.

The sole purpose of this drawing is the procurement of Planning Permission and Building Regulation approval and work is NOT to commence before such approvals.

Where this drawing is used for the works, contractor should request at the time of tender, from the tenderer, full specification and schedule of work. To avoid any disputes, this schedule of works in conjunction with the drawings would be used to resolve matters.

Contractor to assure and satisfy himself that necessary Planning permission and Building Regulations are approved before tendering or commencement of works.

The competent person is to send to the local authority via the scheme provider a self-certification certificate within 30 days of the electrical works completion. The client must receive both a copy of the self certificate and a BS7671 Electrical Installation Test Certificate. (Reg. P1)

The Gas and Boiler Installations will be carried out by a suitably qualified CORGI registered gas engineer or equal approved.

The Contractor is responsible for ensuring compliance with the CDM Regulations, and appropriate Health & Safety on site precautions.



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PROJECT
**19 BOLDMERE RD,
PINNER
HA5 1PJ**

DRAWING TITLE
VOLUME CALCULATIONS

DATE
21.08.2022

SCALE
1:100@A3

DRAWN BY
DS

CHECKED BY
DS

DRAWING NO.
SD22240(P)13-A

PLANNING ISSUE
SUBJECT TO APPROVAL

REVISION	DESCRIPTION	BY	DATE
A	VOLUME FOR THE SIDE EXTENSION IS ADDED	DS	04-08-2022