

VOLUME OF DORMER B = $3.688(D) \times 2.5(H) \times 3.8(L)$
 $= 35.202$
 $= 35.202$ cubic metres
 < 45.75 cubic metres

TOTAL VOLUME A+B
 $= 30.05 + 15.70$
 $= 45.75$ cubic metres
 THEREFORE THE PROPOSED
 LOFT CONVERSION 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

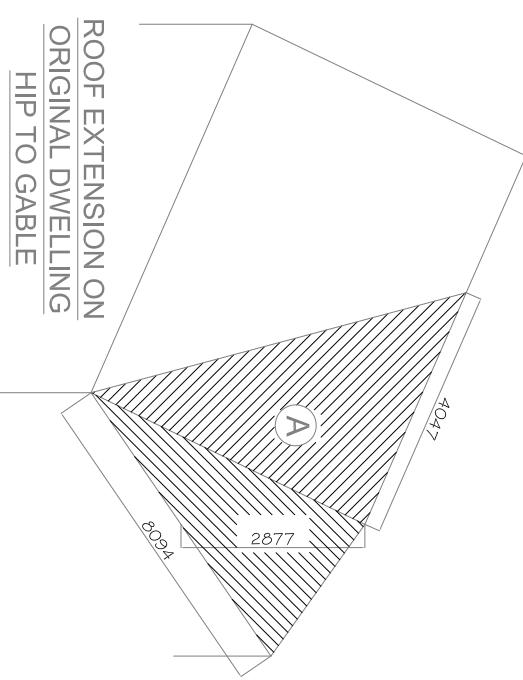
a. AS A RESULT OF THE WORKS NO PART OF
 THE DWELLINGHOUSE WOULD EXCEED THE
 HEIGHT OF THE HIGHEST PART OF THE
 EXISTING ROOF

b. 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

c. THE CUBIC CONTENT OF THE RESULTING
 ROOF SPACE WOULD NOT EXCEED THE THE
 CUBIC CONTENT OF THE ORIGINAL ROOF
 SPACE BY MORE THAN 40 CUBIC METRES.

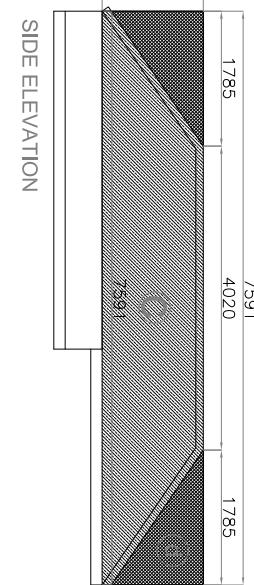
d. THE WORKS WOULD NOT CONSIST OF THE
 CONSTRUCTION OF A VERANDA, BALCONY OR
 OTHER RAISED PLATFORM. IT WOULD CONSIST
 OF ALTERATIONS TO THE CHIMNEY WHICH IS
 PERMITTED UNDER CLASS G.

e. THE DWELLING IS NOT ON ARTICLE (19) LAND.

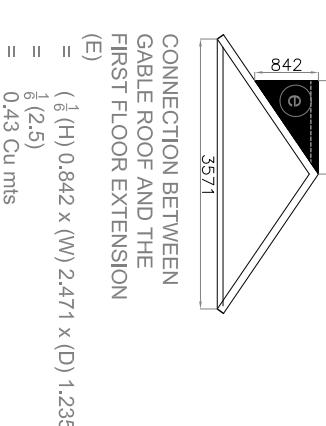
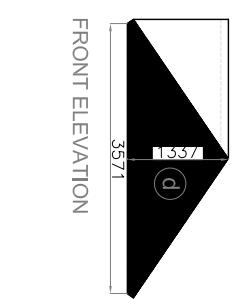


VOLUME OF HIP TO GABLE = $\frac{1}{3}(4.047(D) \times 2.877(H) \times 8.094(W))$
 $= \frac{1}{3}(94.24)$
 $= 15.70$

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



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
 $= (W) 7.591 \times (H) 1.337 \times (D) 3.571 / 2 - 2 (\frac{1}{6} (H)) 1.337 \times (W) 1.785 \times (D) 3.571$
 $= 36.24 / 2 - 2 (\frac{1}{6} (8.5))$
 $= 18.21 - 2(1.4)$
 $= 18.21 - 2.8$
 $= 15.41$ Cums



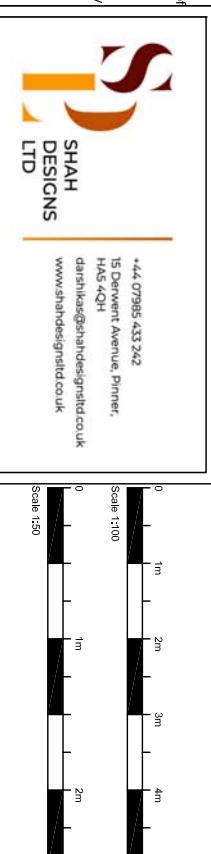
(E)
 $= (\frac{1}{6} (H)) 0.842 \times (W) 2.471 \times (D) 1.235$
 $= \frac{1}{6} (2.5)$
 $= 0.43$ Cums

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.

Party 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
 Permits 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 confusion, the specification
 of works in conjunction with the drawings would be used to resolve
 any disputes.

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.

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



PLANNING ISSUE
 SUBJECT TO APPROVAL

DRAWING TITLE
 VOLUME CALCULATIONS

PROJECT
 19 BOLDMERE RD,
 PINNER
 HA5 1PJ

Scale 1:100

0
 1m
 2m
 3m
 4m
 5m

0
 1m
 2m

Scale 1:50

0
 1m
 2m

0
 1m
 2