

## GENERAL NOTES

Permitted development calculations of volume of hip to gable  
Length - measure on side elevation from eaves to eaves.  
Depth - measure on side elevation from ridge of new gable to where it meets the bottom of the roof (i.e. where the original side of roof had its eaves)

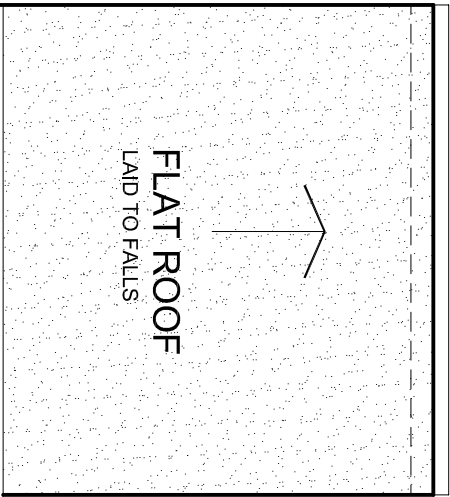
Put values of base in Formula for hip to gable

Formula for hip to gable =  $\text{Depth of the roof} \times \frac{1}{2} \text{ height} \times \frac{1}{3} \text{ ridge to eaves}$

Formula for hip to gable =  $7.2 \times 2.6/2 \times 3.6/3 = 11.3 \text{ cu.m.}$

Volume for rear dormer

$= \frac{1}{2} (\text{length} \times \text{height} \times \text{depth})$   
 $= \frac{1}{2} (5.2 \times 2.2 \times 3.4)$   
 $= 19.5 \text{ cu.m.}$   
Volume of hip to gable and rear dormer =  $11.3 + 19.5 = 30.8 \text{ cu.m.}$



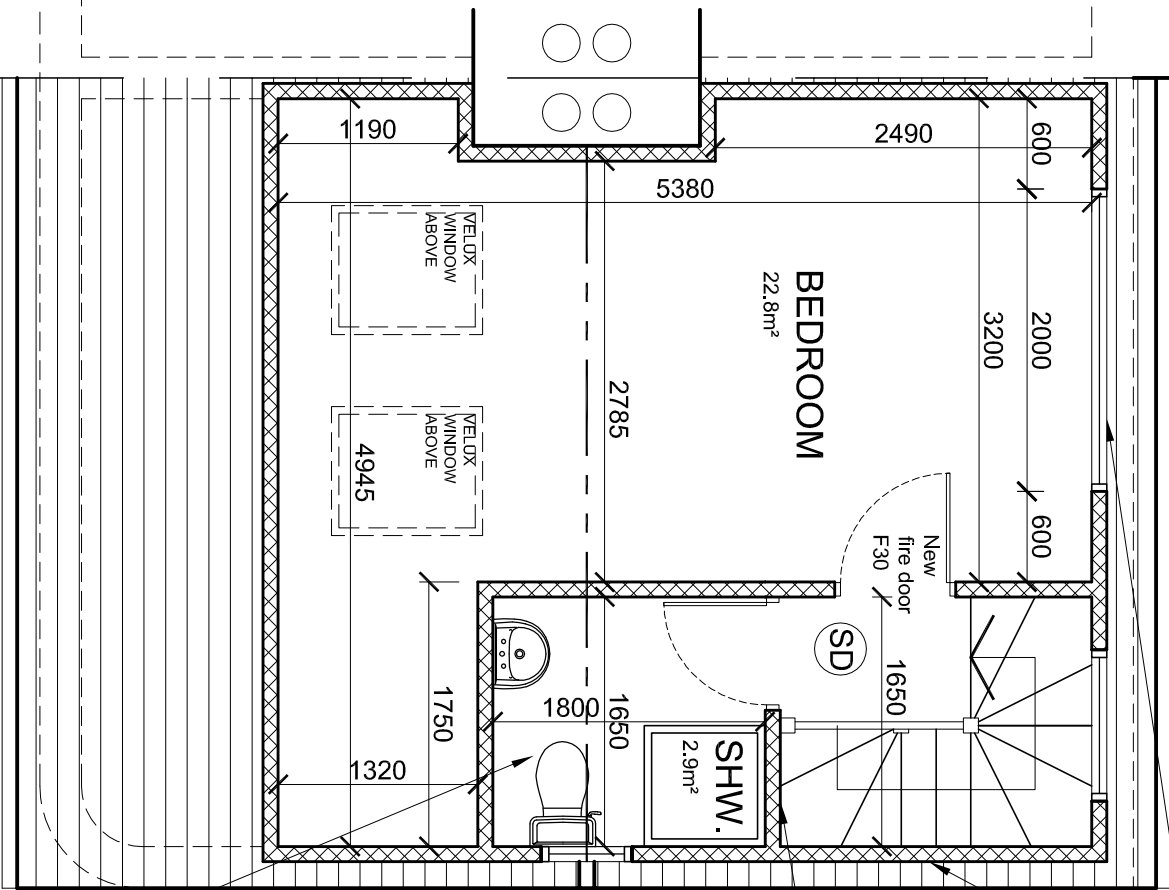
NEW WINDOW TO MATCH EXISTING

DORMER CHEEKS WITHIN 1 METER OF BOUNDARY SHOULD BE 12MM SUPERLUX BOARDS OR SIMILAR APPROVED FIXED WITH M4 WOODSCREWS AT 300MM CONTRES.

INTERNAL WALLS:STUD PARTITION: TO BE 50X75MM STUDS. BOTH SIDE OF STUDWORK LINED WITH 12.5MM PLASTERBOARD OF MIN. MASS PER UNIT AREA 10KG/M². ALL JOINTS TO BE SEALED. MINERAL WOOL SOUND INSULATION (ISOWOOL ACOUSTIC PARTITION ROLL OR SIMILAR APPROVED) WITH MIN. 25MM THICKNESS AND MIN. DENSITY OF 10KG/M³ TO BE WIRE REINFORCED OR SUSPENDED IN THE CAVITY. WALL TO ACHIEVE MIN. 40 RW DB AIRBORNE SOUND INSULATION VALUE.

ALLOW FOR TRIMMING TO STAIR OPENING IN ACCORDANCE WITH POSI-JOIST STANDARD DETAIL FOR STAIRCASE OPENINGS

## PROPOSED LOFT PLAN



Elements of structure to have min. ½ hour fire resistance.  
  
Plumbing and electric requirements to be agreed with client. Glazing in critical locations to be safely glass in accordance with part N of regs. And BS 6206 in doors and within 300 of doors to a height of 1500 above FFL and to 800 above FFL elsewhere.

Smoke alarms as shown (and or agreed) to be interlinked and wired to mains on separate fuse.  
Steel beam sat on concrete pad stones min. 150 seating. (where necessary as required by building control.)

Robust construction details to be used to limit air leakage and ensure continuity of insulation. Radiators to be fitted with thermostatic controls.  
Approved Document L 1 2005

From the 1st April 2005. all new and replacement natural gas and LPG boilers are required to have a minimum SEDBUK ( Seasonal Efficiency of Domestic Boiler in the UK) rating of 86%. From the 1st of April 2005 Oil fired boilers must have a minimum SEDBUK rating of 85%.

Exceptional Circumstances permitting the installation of a Non - Condensing boiler. The installer must complete an Assessment form using the procedure described in the document guide to the condensing boiler installation procedure for dwellings (ODPM 2005). The declaration should be retained by the householder as it may be needed when the property is offered for sale.

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project : 38 Chaucer Avenue  
Hayes

drawing title :

Proposed Loft Floor Plan

drawn: SN	chkd : SS	date: 26.08.2022
status: Permitted Develop.		
scale: 1:50@A3		
proj no : 1963	drg no: 04	rev no: