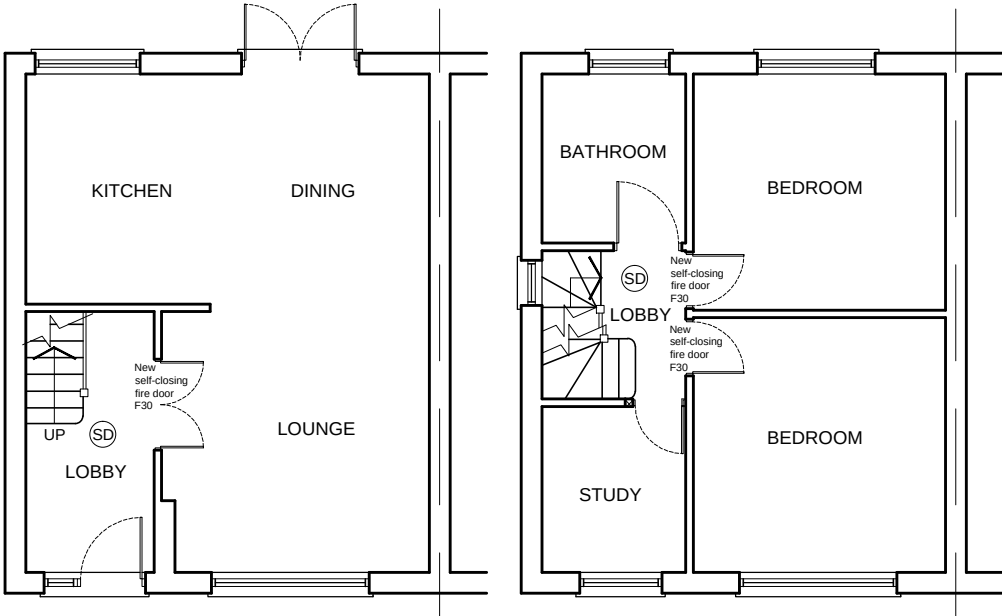




The Contractor is to check all dimensions on site and report any discrepancies to the Contract Administrator. This drawing is to be read in conjunction with all other standard documentation. Dimensions are not to be scaled from this drawing.



PROPOSED GROUND FLOOR PLAN

PROPOSED FIRST FLOOR PLAN

Permitted development calculations of volume of hip to gable
Formula for hip to gable = 1/3 (base x height)
Value of base - Area of base = 1/2 (length x depth)

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 = 1/3 (base x height)

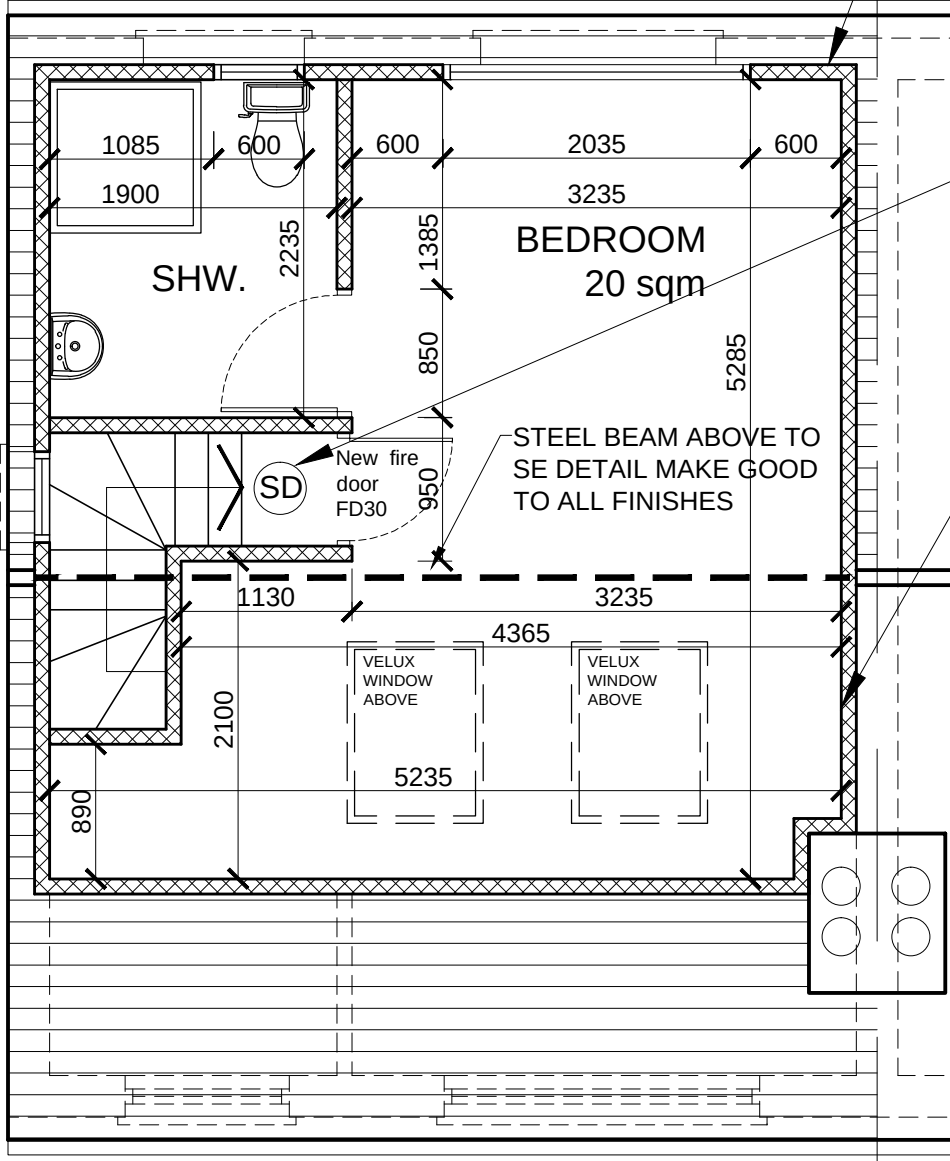
Height - measure on existing front elevation distance from the existing ridge (at top of hip) to end of the ridge of the proposed gable.

Area of base = 1/2 (length x depth)
= 1/2 (7.1 x 2.8)
= 9.9

Formula for hip to gable = 1/3 (base x height)
= 1/3 (9.9 x 3.5)
= 11.5

Volume for rear dormer = 1/2 (length x height x depth)
= 1/2 (5.4 x 2.3 x 3.2)
= 19.9

Volume of hip to gable and rear dormer = 11.5 + 19.9 = 31.4 cu. m.

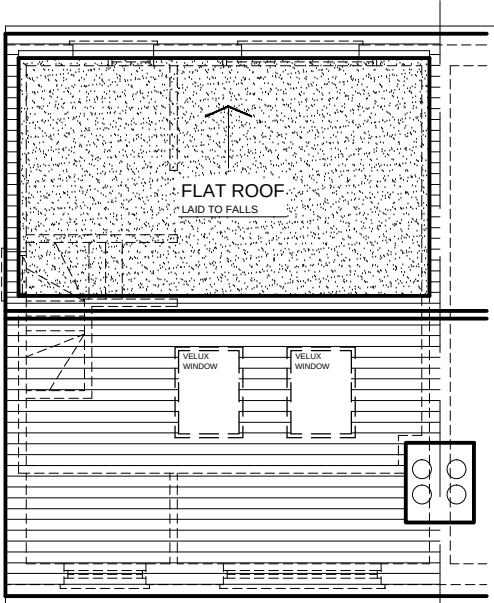


PROPOSED LOFT PLAN 1:50

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

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

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.



PROPOSED ROOF FLOOR PLAN

rev.	description	date	chkd
		10 Wimborne Avenue Chislehurst BR7 6RQ 020 3004 9238 07931 931 035 s.nagpal@dapconsultants.co.uk www.dapconsultants.co.uk	

project : 351 Kingshill Avenue
Hayes

drawing title :

Proposed Floor Plans and Elevations

drawn: SN	chkd: SS	date: 07.06.21
status: Permit. Develop.		scale: 1:100@A3
proj no : 1723	drg no: 02	rev no: