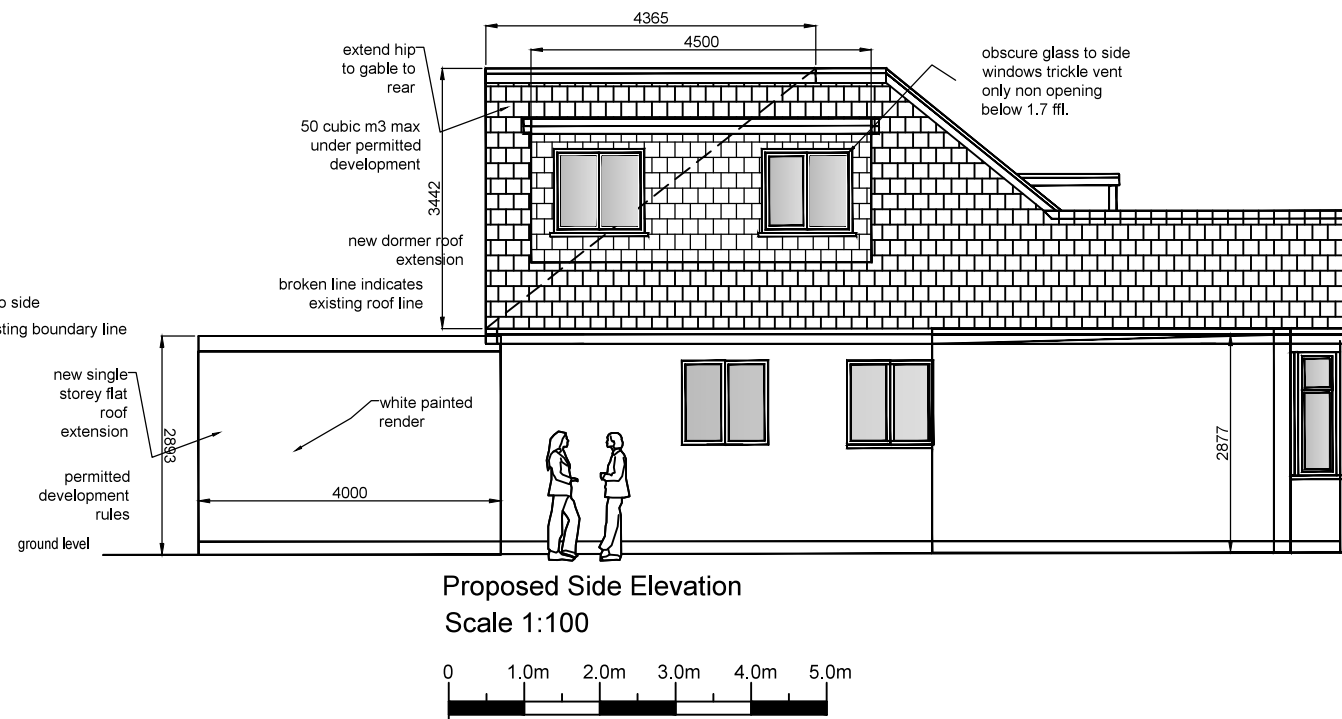
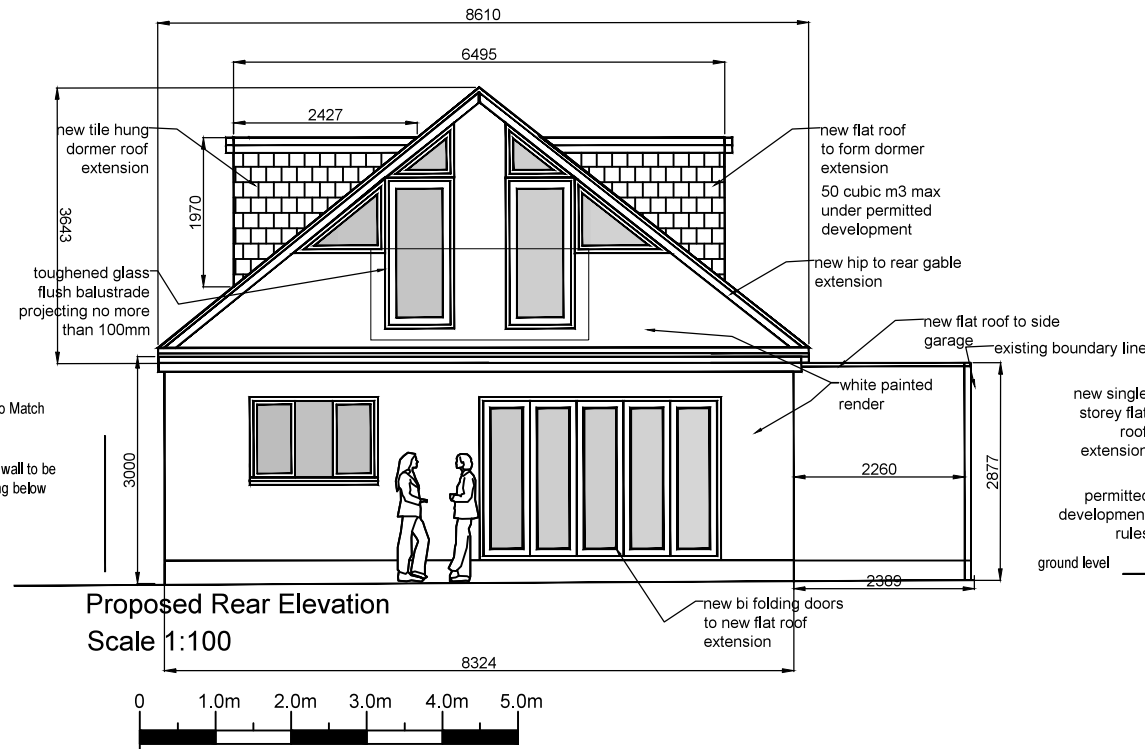


All work to comply with current building regulations and codes of practice
Do not scale from drawings
all dimensions to be checked on site before the start of any work
All Proposed External Materials to Match Existing External Materials
Any Proposed Windows to Flank wall to be Obscure Glazed and Non-Opening below 1.7m from FFL



Permitted development calculation of volume of hip to gable.

Formula for hip to gable= $\frac{1}{2}$ (base x height)

Value of base-Area of base $=\frac{1}{2}$ (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 where the original side of roof (i.e.had its eaves)

Put value of base in formula for hip to gable

Formula for hip to gable $\frac{1}{2}$ (base x height)

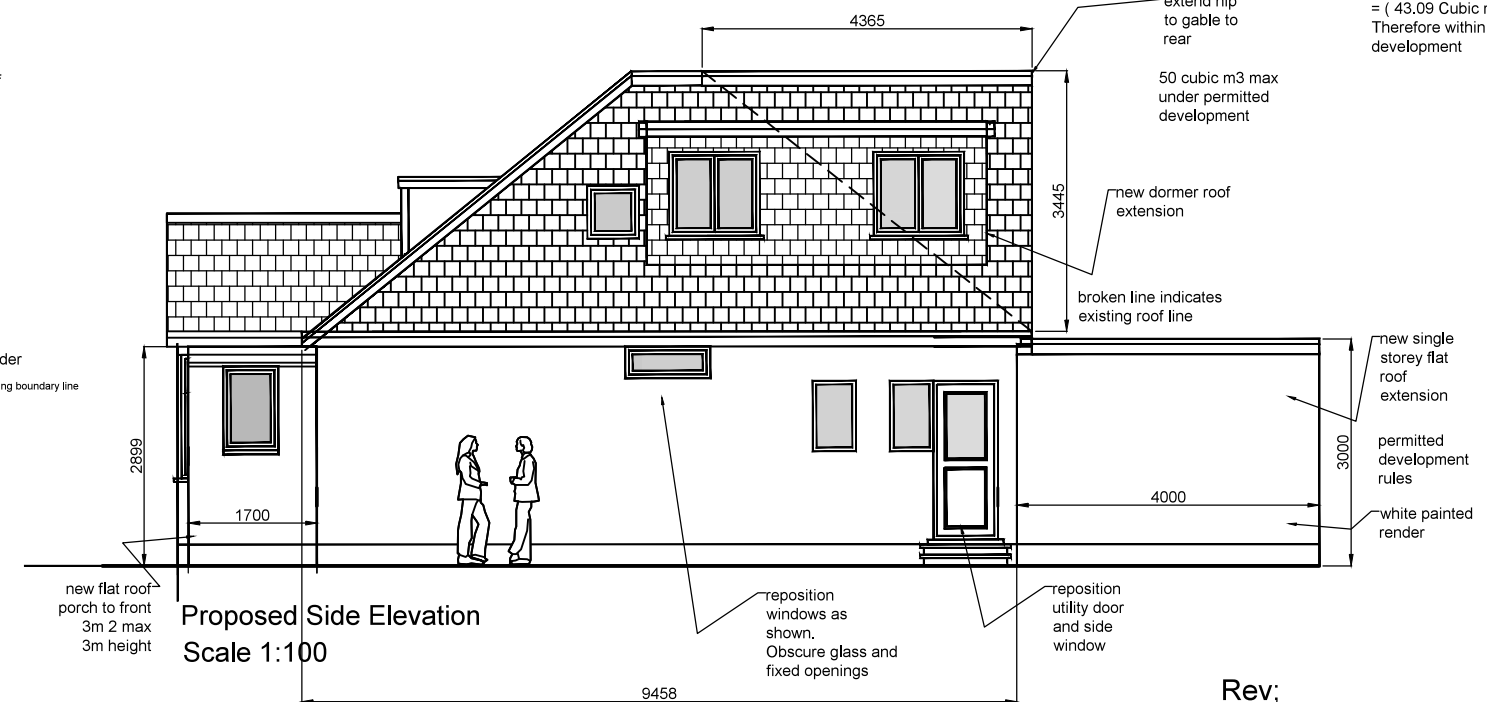
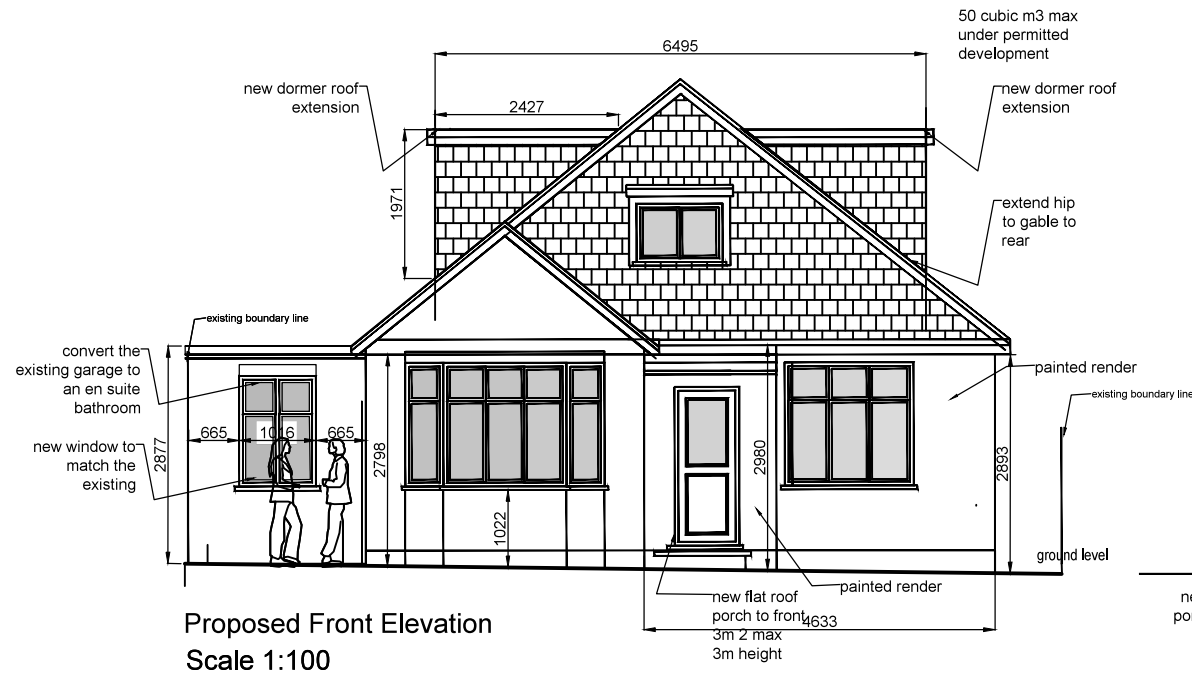
Height - Measure on existing front elevation distance from the existing ridge (At top of hip) to the end of the ridge of the proposed gable.

Area of base $=\frac{1}{2}$ (8.61m x 4.365m)
 $=\frac{1}{2}$ (37.58m)
base = 18.79 meters square

Formula for hip to gable $=\frac{1}{6}$ (18.79m x 3.44)
 $=\frac{1}{3}$ (64.64)
= 21.55 cubic meters

Volume of hip to gable = (21.55 cubic meters)

Volume of side dormers = $\frac{1}{2}$ (length x height x depth)
=cubic meters
 $\frac{1}{2}$ (4.5m x 2.43 x 1.97m)
 $=10.77$ cubic meters x 2 dormers = 21.54m3
Volume of hip to gable and rear dormer
= (43.09 Cubic meters)
Therefore within max 50 cubic meters Permitted development



Rev;

REV.	NOTES	DATE	BY
SCALE	1-100 @ A3	DRAWING No	
DATE	October 2019	5936-19-103	
DRAWN BY	PS	REVISION	
CLIENT	Mr Jay Ghedia		
JOB TITLE	61 Stanley Road Northwood HA6 1RJ		
DRAWING TITLE	Proposed Elevations Application for Certificate of Lawful Development		
 smith coldham design ltd 55 LIME GROVE, RUISLIP, MIDDLESEX, HA4 8RL MOBILE: 07774 476 519 PHONE & FAX: 0208 8869 9681 E-MAIL: patrick@smithcoldham.net design - architecture - brand development - project management			