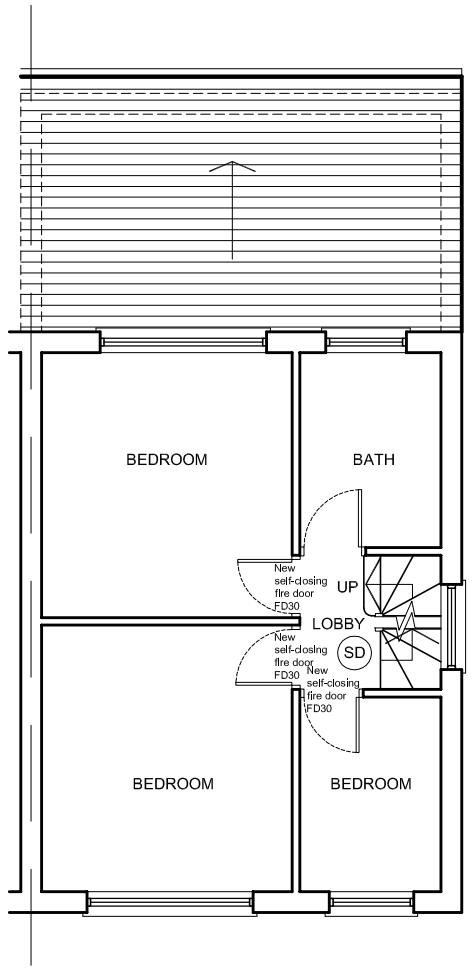
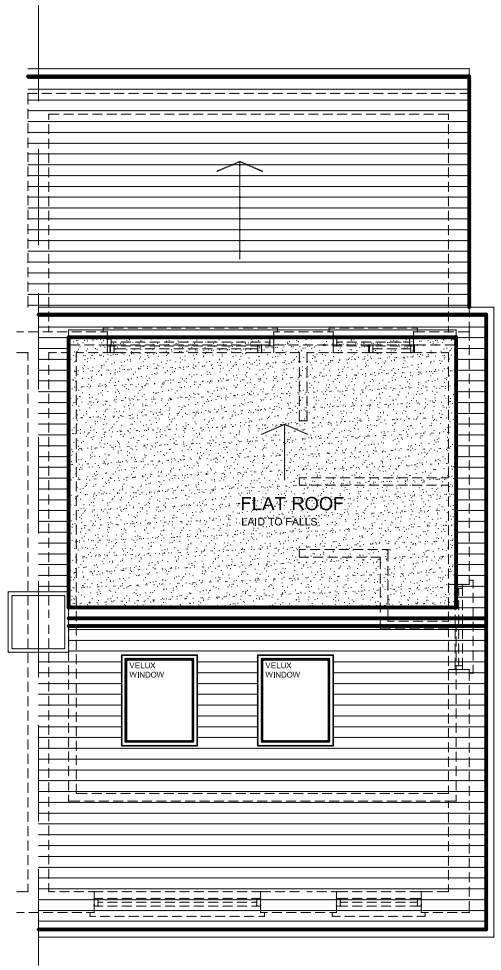
0 10m 50m
1:500

0 5m 10m
1:100

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.

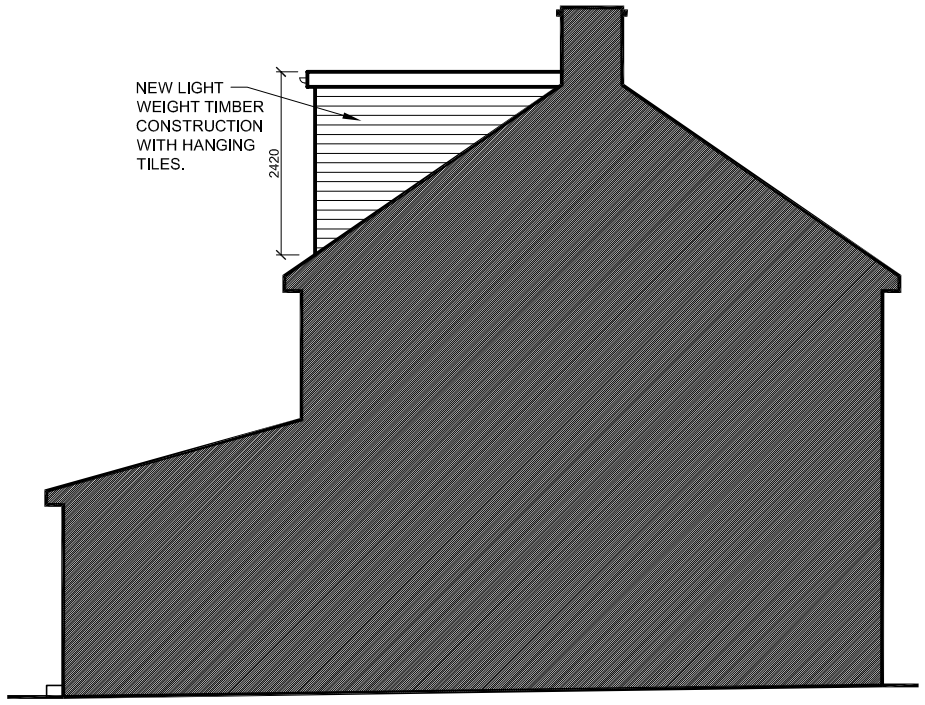


PROPOSED FIRST FLOOR PLAN



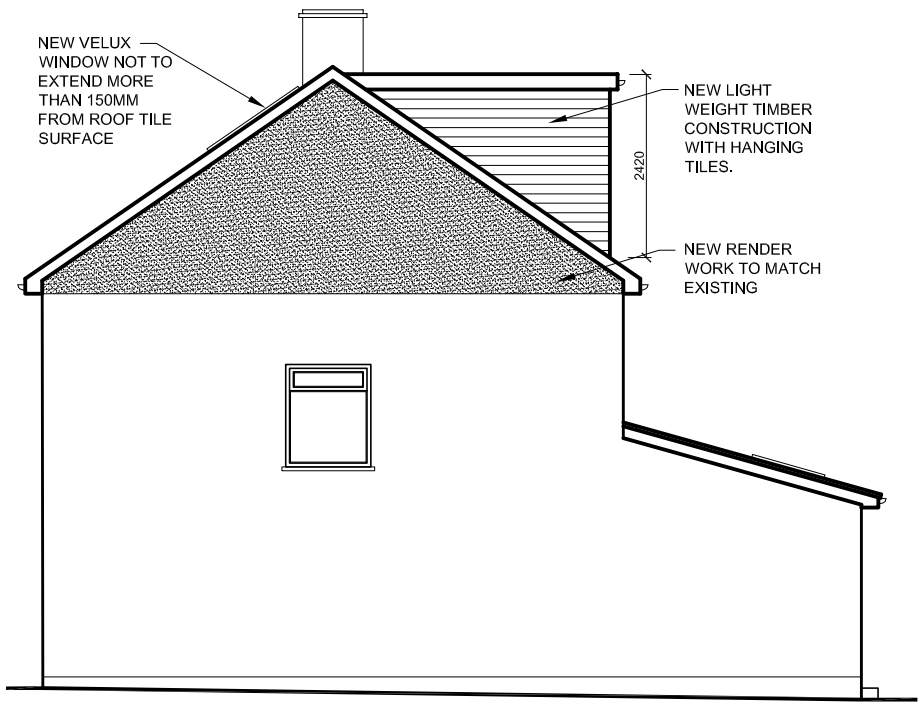
PROPOSED ROOF PLAN

PROPOSED FRONT ELEVATION



PROPOSED SIDE ELEVATION

PROPOSED BLOCK PLAN - SCALE 1:500



PROPOSED SIDE ELEVATION

PROPOSED REAR ELEVATION

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 (8.1 x 2.7)
= 10.9

Formula for hip to gable = 1/3 (base x height)
= 1/3 (10.9 x 4.0)
= 14.5

Volume for rear dormer = 1/2 (length x height x depth)
= 1/2 (3.5 x 2.3 x 5.1)
= 20.5

Volume of hip to gable and rear dormer = 14.5 + 20.5 = 35.0 cu. m.

rev.	description	date	chkd.

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project :
58 Sedgwick Avenue
Uxbridge

drawing title :
Proposed Floor Plans and Elevations

drawn: SN	chkd : SS	date: 17.02.2023
status: Permitt.Developt.		scale: 1:100@A3
proj no : 2322	drg no: 03	rev no: