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NOTE:
The contractor is to check all site dimensions and levels before work starts. Report any discrepancies.

This drawing must be read with and checked against all structural and other specialist drawings, specifications and bills of quantities. Report any discrepancies.

The contractor is to comply with all current British Standards and Building Regulations whether or not specifically stated on these drawings.

ITEMS SHOWN DASHED TO BE REMOVED

2620 Floor to ceiling spot heights

Hip to gable calculations:

A: Depth of main roof = 9.2
C: Height of main roof = 3.1
D: Ridge to eaves in plan = 4.3

Volume of a triangular prism:
(AxC) /2 x (Dx2)
28.52 /2 = 14.26 x 8.6
= 122.63m3

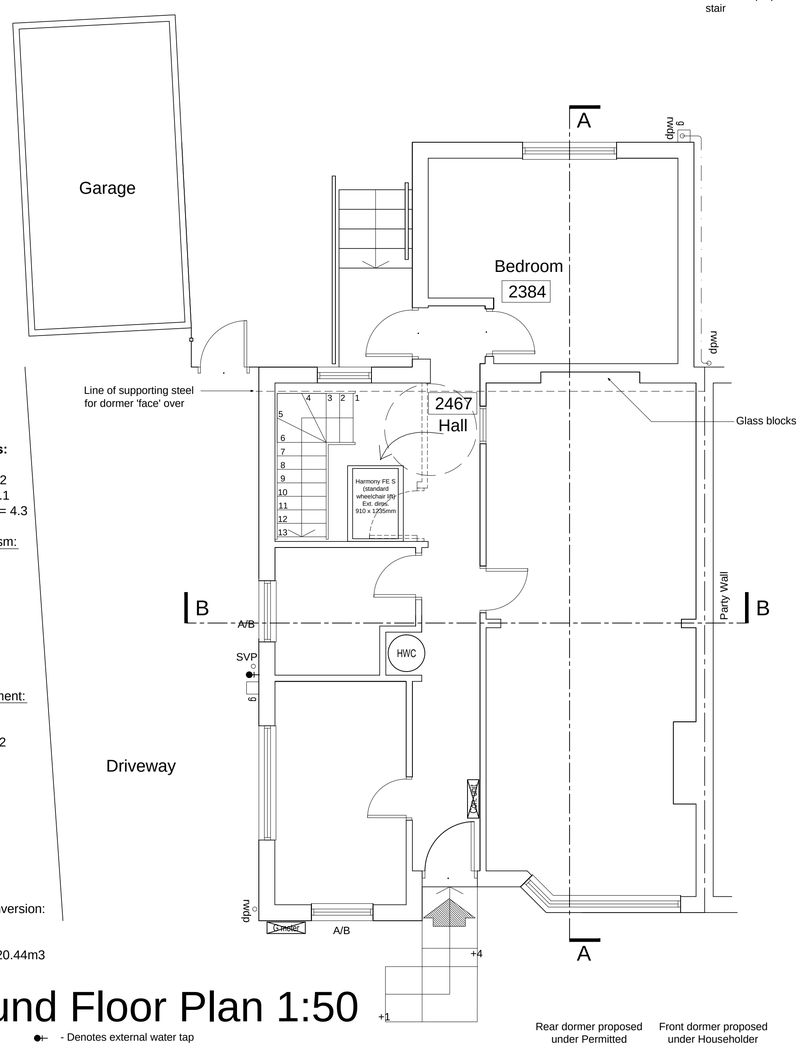
Volume of a Pyramid:
(A x (Dx2) x 1/3C
9.2 x 8.6 x 1.0333
=81.75m3

Volume of additional segment:
Hip to Gable
(Prism - Pyramid) /2
122.63 - 81.75 = 40.873 / 2
=20.44m3

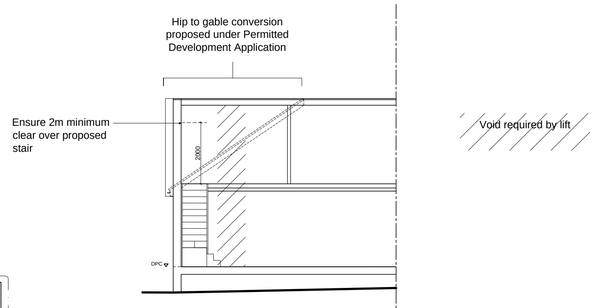
Dormer calculations:
Height F: 2.4m
Length G: 6.84m
Depth E: 3.6m
(ExF/2xG)
3.6x1.2x6.84
= 29.548m3

Proposed Hip to gable conversion:
20.44m3

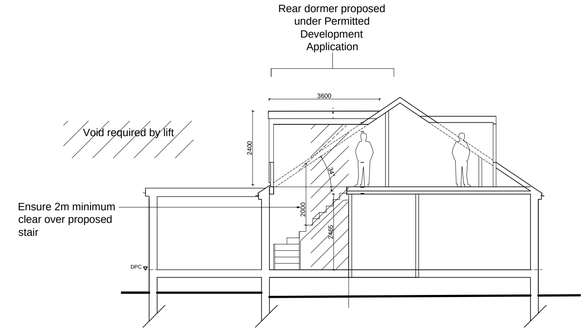
Total volume 29.548m3 +20.44m3
=49.98m3



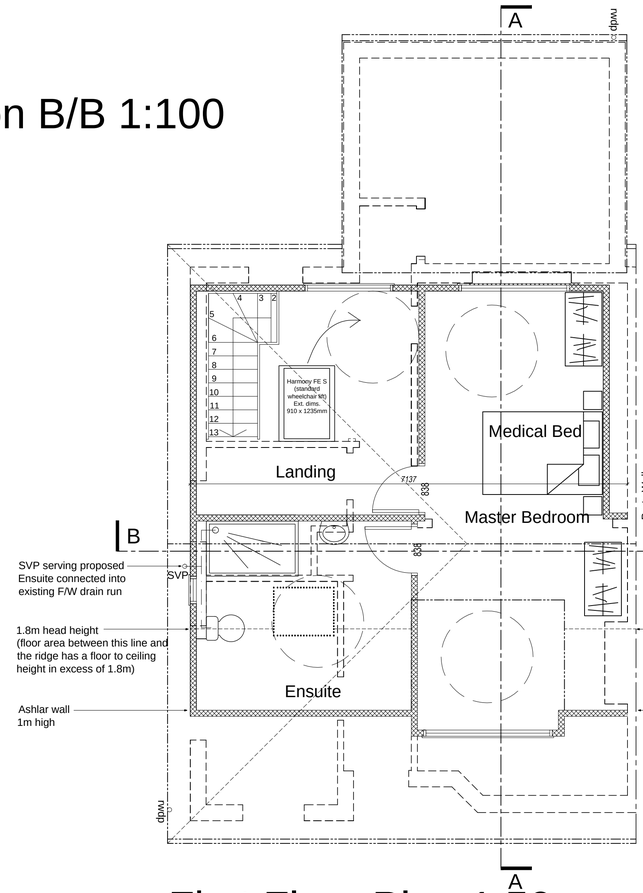
Ground Floor Plan 1:50



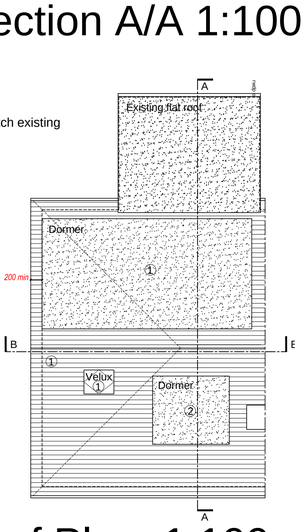
Simple Section B/B 1:100



Simple Section A/A 1:100



First Floor Plan 1:50



Roof Plan 1:100

Materials:

Roof:
Main roof: Roof tiles to match existing
Dormer roof: Felt flat roofs

Dormer Walls and Gable End:
Tile hung

Fascia and soffit:
To match existing

Windows:
To match existing

1m 2m 3m 4m 5m
1:100 Scale Bar
1m 2m 3m 4m 5m
1:50 Scale Bar

PROPOSED WALLS ON PLAN

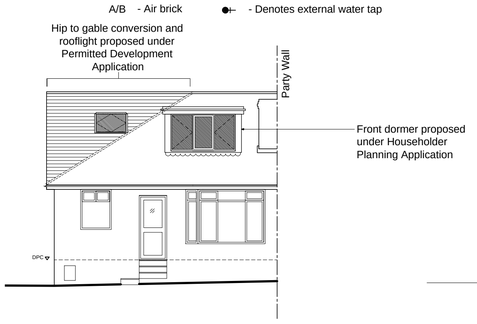
① Rear dormer, hip to gable loft conversion and front Velux proposed under Permitted Development

② Front dormer proposed as a Householder Planning application

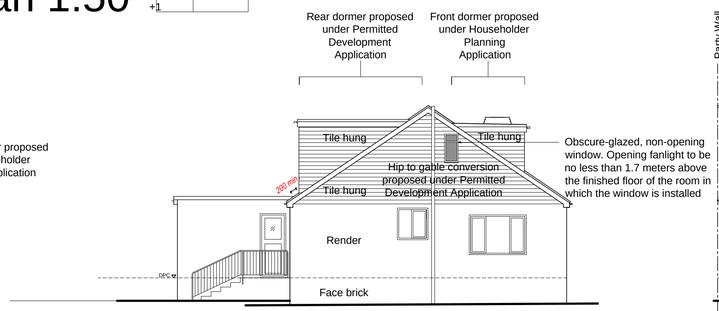
FOR PLANNING

Rev.	Date	Description	By
-	-	-	-

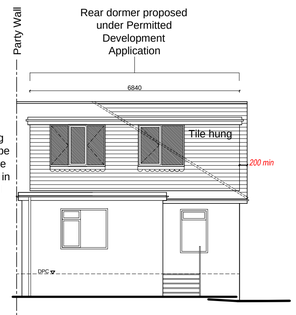
A/B - Air brick
⊷ - Denotes external water tap



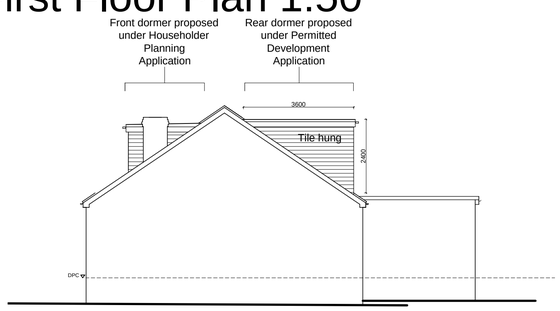
SE Elevation 1:100



SW Elevation 1:100



NW Elevation 1:100



NE Elevation 1:100 (About Party Wall)

Client
Mr and Mrs Hewitt

Project
Alterations To:
37 Hawkins Crescent
Shoreham-by-sea

Drawing Title
Plans, Elevations and Simple Sections as Proposed

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Scale	Drawing Number
1:100, 1:50 @ A1	20-111.1 02
Date: November 2020	
Drawn: -	