

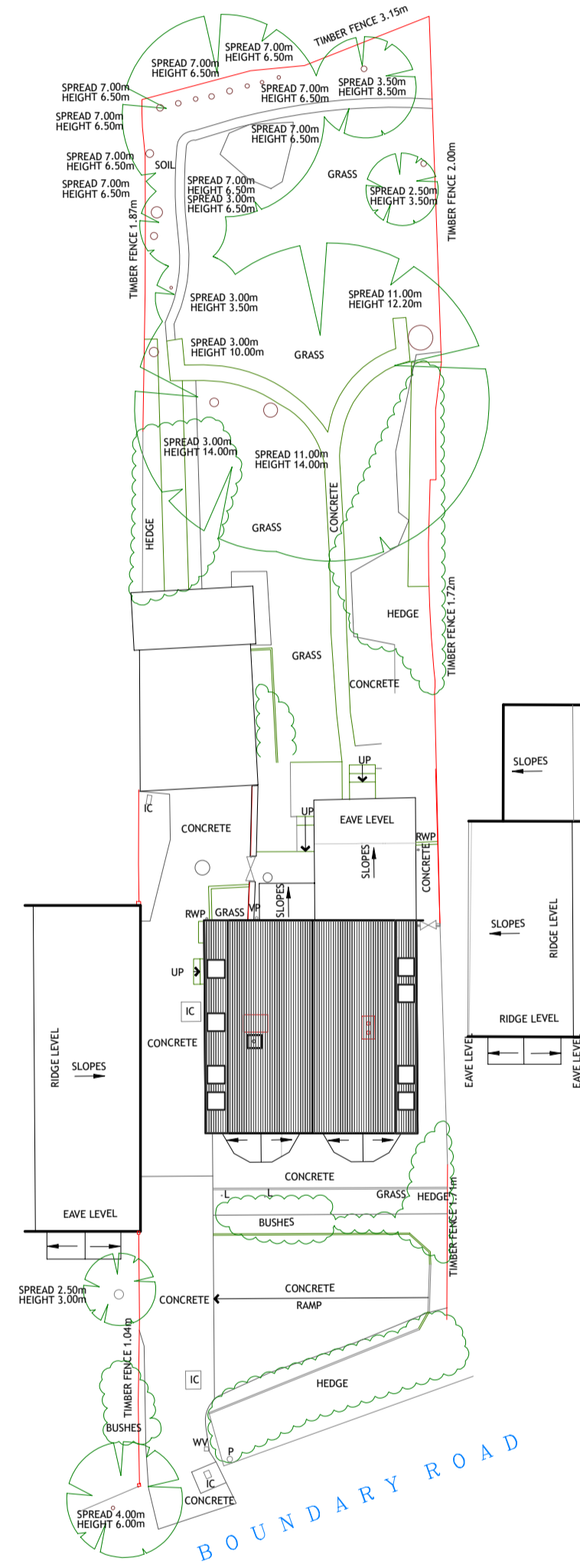
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Mansard roof additional volume calculation:
 Lower section of Mansard-Pitch 70 degrees
 Mansard length=7.670m
 Projection at knuckle=1.175m
 Rafter length, wallplate to knuckle=2.056m
 Volume calc=7.670x2.056x1.175=18.530/2=9.264cu m

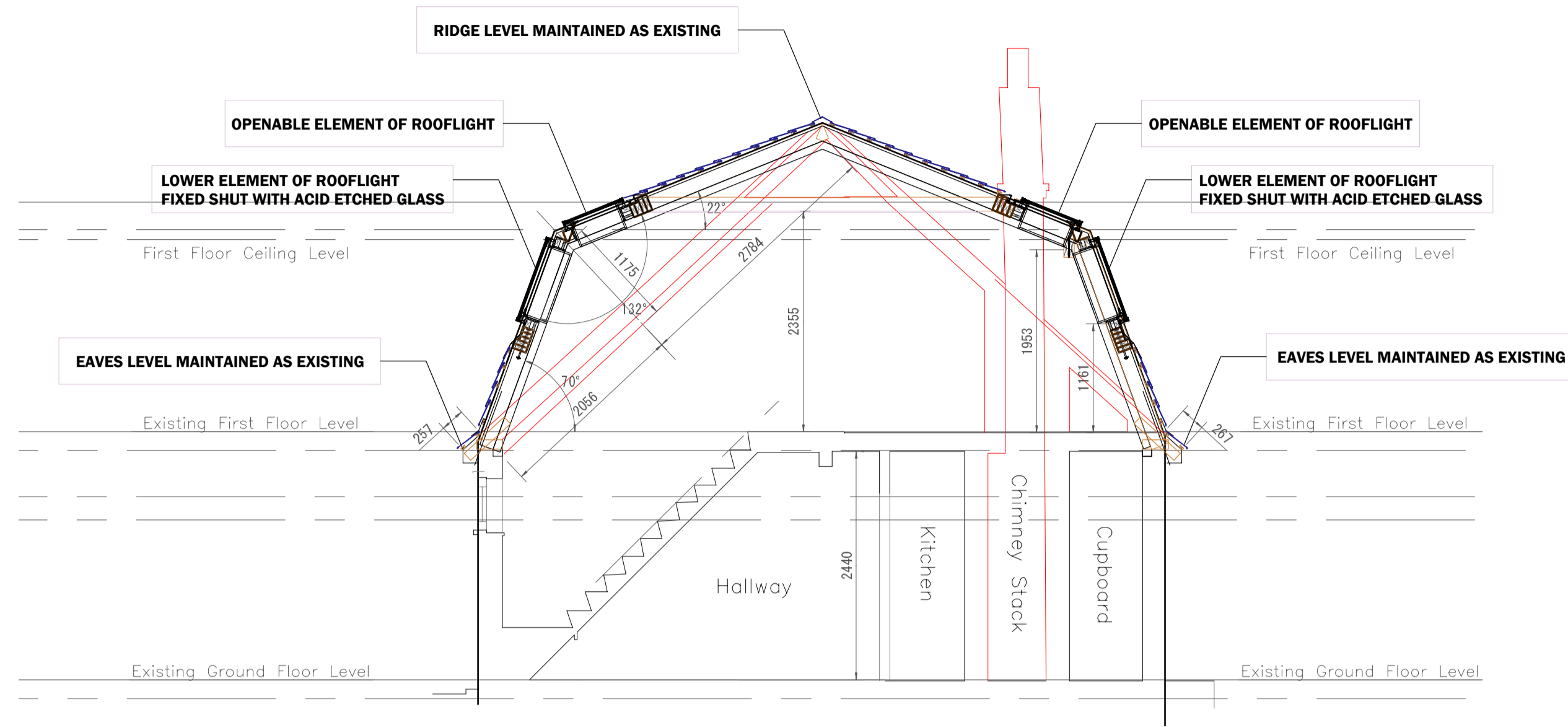
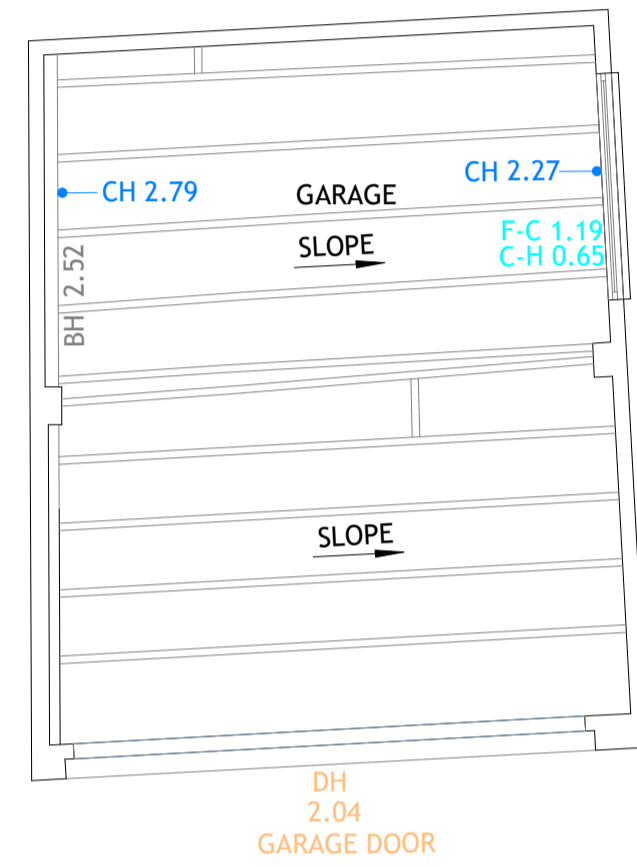
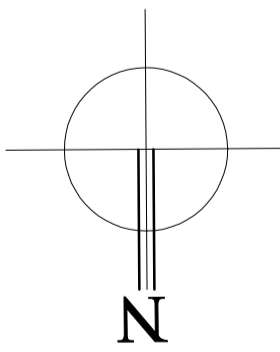
Upper section of Mansard-Pitch 22 degrees
 Mansard length=7.670m
 Projection at knuckle=1.175m
 Rafter length, wallplate to knuckle=2.784m
 Volume calc=7.670x2.784x1.175=25.090/2=12.545cu m

Therefore additional volume added to existing roof=9.264+12.545=21.809cu m per side
 Total additional volume=21.809x2 sides=43.618cu m

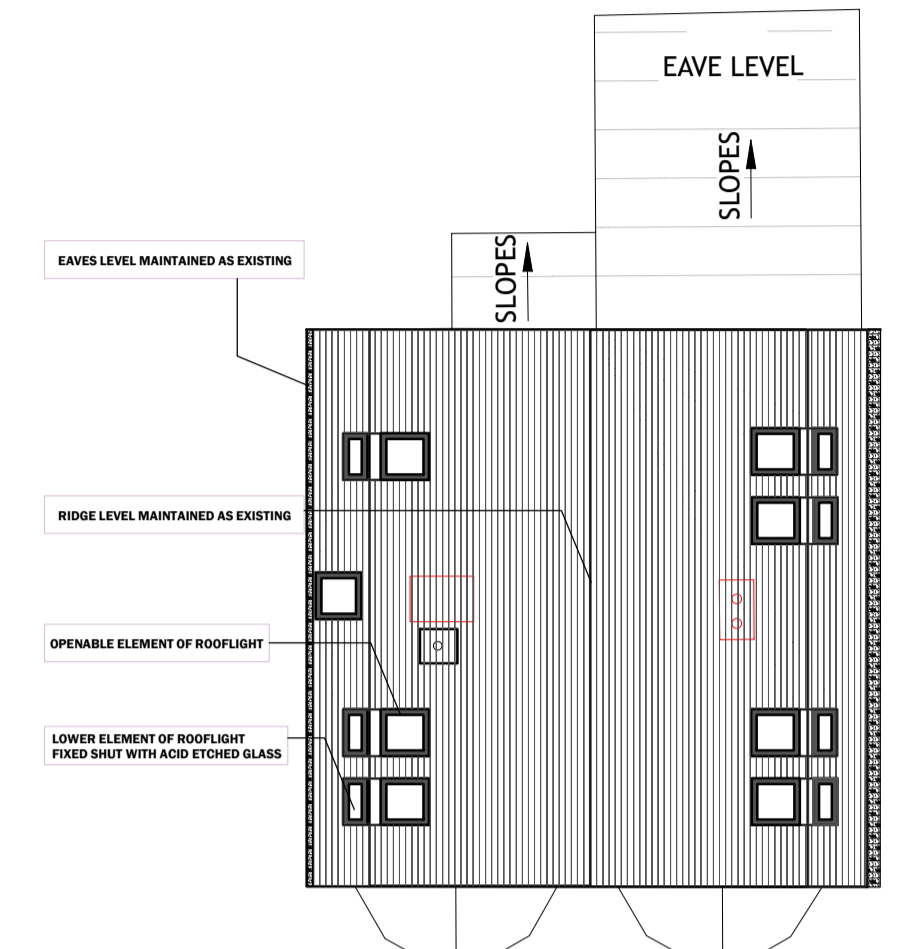
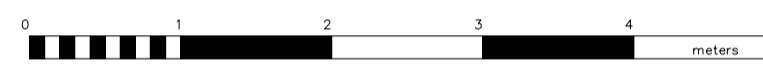
Allowance=50cu m
 Therefore proposed increase=87.23% of allowance



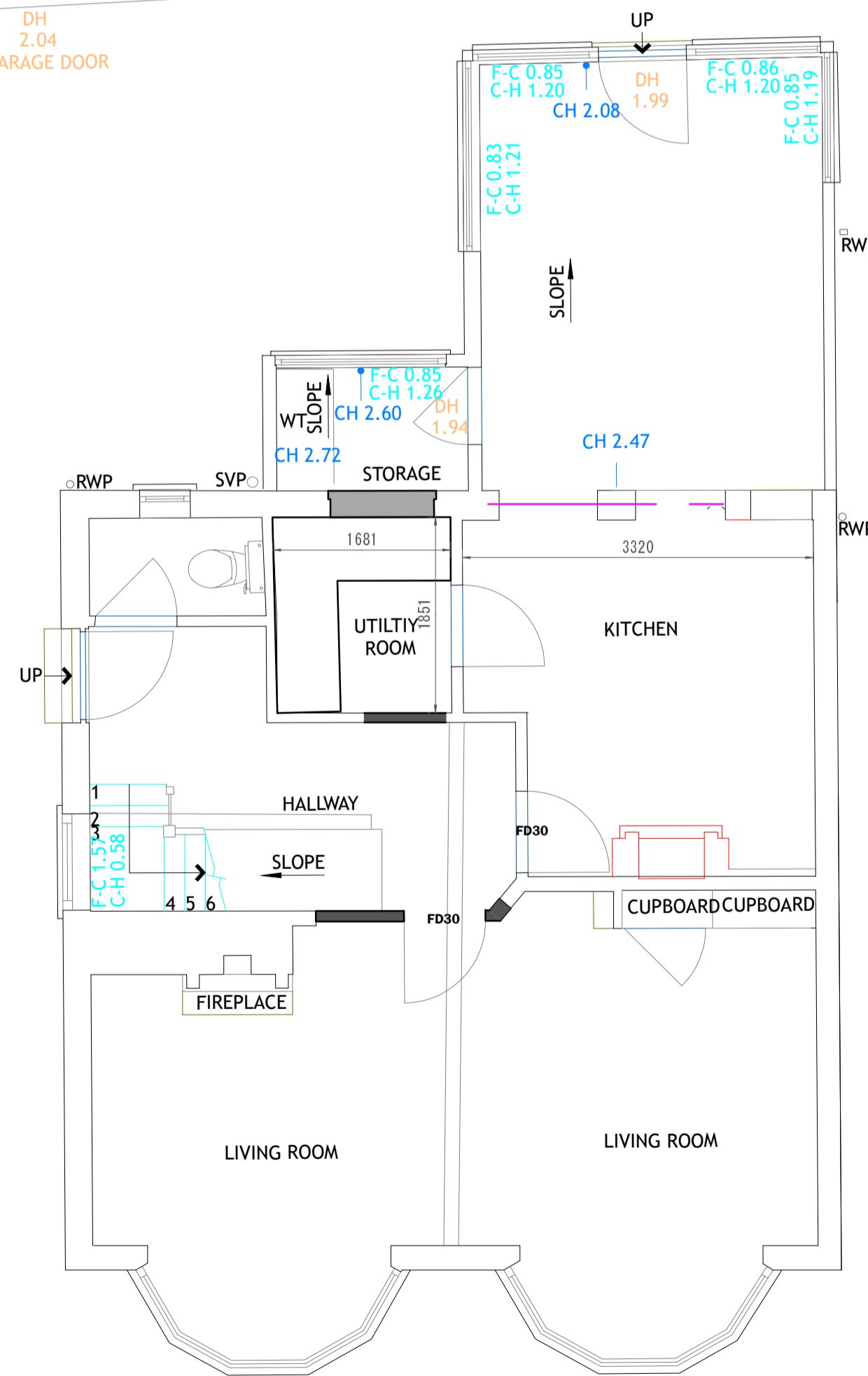
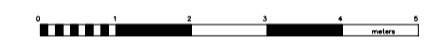
BLOCK PLAN



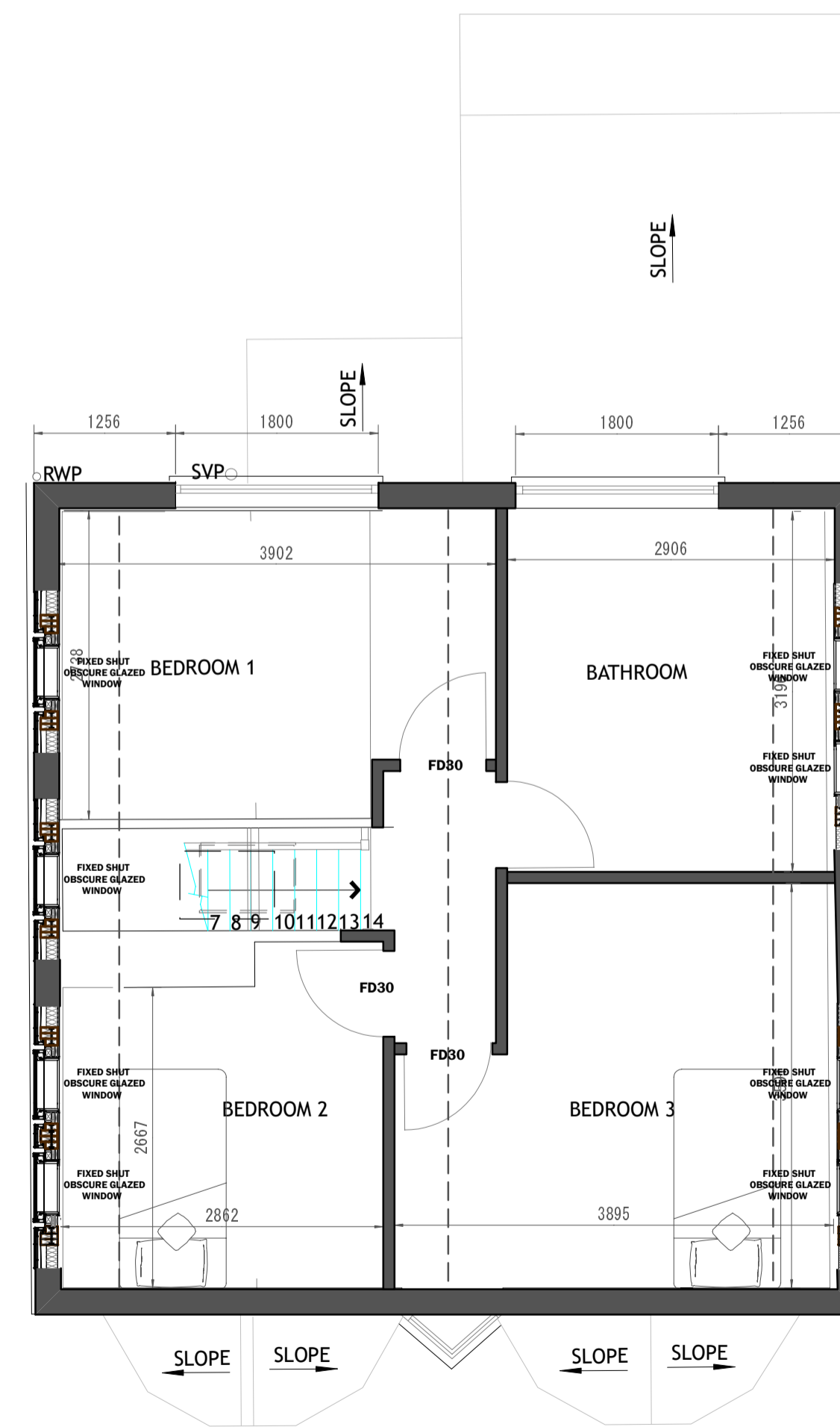
SECTION



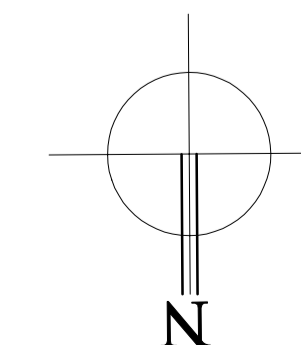
ROOF PLAN



GROUND FLOOR PLAN



FIRST FLOOR PLAN



Rev	Description	Date
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Project title:

**5 BOUNDARY ROAD,
 BISHOP'S STORTFORD,
 HERTS
 CM23 5LE**

Drawing title:

PROPOSED LAYOUTS

Date: FEB 2022 Project No: **596**

Scale: 1:50/1:100 & 1:200 @ A1 Drawing No: **PL.001E**



01279 933039 | 0207 1183039

01438 530039 | 01787 738988

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