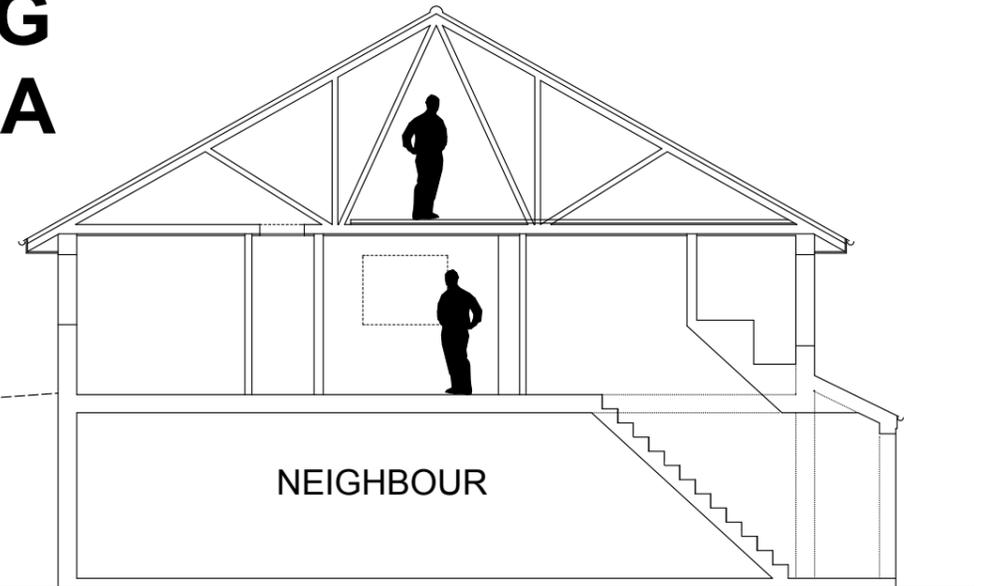


EXISTING SECTION AA



- NEW DORMER WALL U - VALUE 0.20 W/m²K**
- HORIZONTAL COMPOSITE CLADDING CLADCO COLOUR: GRAY RAL:7016
 - BATTONS 19/25 mm
 - BREATHER MEMBRANE
 - OSB PLYWOOD 20 mm
 - JOIST 50X170 @400 MM IMPREGNATED
 - INSULATION BETWEEN JOIST 120 mm KINGSPAN KOOLTHERM ($\lambda = 0.018$ W/mK)
 - VAPOUR MEMBRANE (MIN 500g POLYTHENE)
 - MOISTURESHIELD PLASTERBOARD 12.5 mm

- WARM FLAT ROOF U = 0.19 W/m²K**
- FIBERGLASS GRP FLAT SYSTEM "TUFF STUFF"
 - CELOTEX INSULATION BOARD TA3000 (R-5.40 m²K/W) 125 mm FIXED TO FIRRINGS
 - VAPOUR MEMBRANE (MIN 1000 g POLYTHENE)
 - OSB PLYWOOD 18 mm
 - TIMBER FIRRINGS TO FORM FAILS min 1:40
 - IMPREGNATE JOIST 50 x 200 @ 400mm
 - MOISTURESHIELD PLASTERBOARD 12.5 mm

FLAT ROOF WINDOW
VELUX code: 060090
600x900mm
U - value 1.1 W/m²K

ROOF WINDOW
VELUX code: F06
660 x 1180mm
U - value 1.1 W/m²K

JULIET BALCONY
METAL BALUSTRADE

JULIET BALCONY
SLIDING DOORS
e.g. ULTRA- SLIM
COLOUR GREY RAL 7016
3100 x 2094 mm
U value -1.6 W/m²K

NEW STAIRCASE
UNDERSIDE
FINISHED WITH
15mm FIRESHIELD
PLASTERBOARD

NEW LOFT FLOOR
- 20 mm CHIPBOARD
- NEW JOIST 50 X 200 @400 mm
BETWEEN JOISTS - ROCKWOOL
INSULATION 100mm
- 15mm GYPFOR FIRE PLASTERBOARD

NEIGHBOUR

NEIGHBOUR

PROPOSED SECTION AA

- (INSULATION BETWEEN RAFTERS)
- TILES TO MATCH EXISTING
 - CONCRETE ROOF TILES GREY
 - IMPREGNATED BATTENS 19x39 mm
 - BREATHER MEMBRANES TYVEK HOUSEWRAP
Product Code: D14537822
 - OVER TIMBER BOARDS
 - TIMBER BOARDS
 - RAFTERS / TIMBER IMPREGNATED JOISTS
50 x 200mm @ 400mm
 - INSULATION BETWEEN RAFTERS
120 mm (CELOTEX GA₃₁₂₀Z R = 4.00 m²K/W)
 - POLYTHENE VAPOUR MEMBRANE
 - MOISTURESHIELD PLASTERBOARD 12.5 mm

General Notes

Existing structure - key elements of the existing structure such as foundations, beams, and lintels etc. from the proposals, will accept greater loads and will be made available for inspection by the building control surveyor and changed or replaced necessary.

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NOTES:

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SCALE:

1:100,
1:50

A3

PROJECT:

ADDRESS:

CLIENT:

DRAWING TITLE:

CONSTRUCTION OF DORMER IN LOFT

18 PENDULA DRIVE LONDON HAYES UB4 9PF

MR. ANDRZEJ REMBISZ

EXISTIND AND PROPOSED SECTION AA

DRAWING CLASSIFICATION:

PLANNING

DATE:

12.2023

REVISION
A

DRAWING NUMBER
507/05

by: J. Bernard