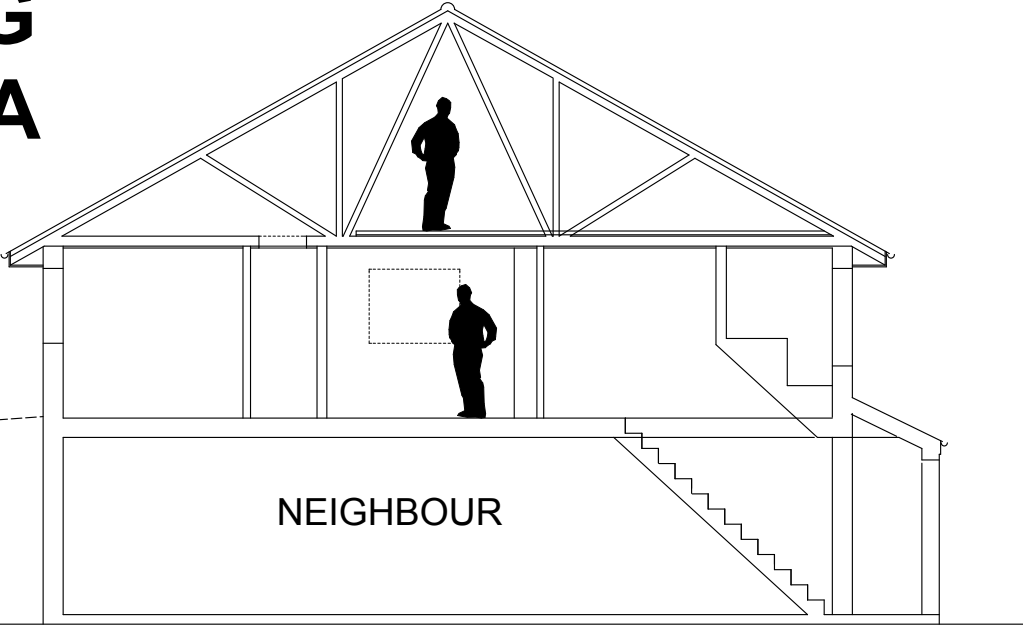


EXISTING  
SECTION AA



- 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)
  - MOISTURSHIELD PLASTERBOARD 12.5 mm

- NEW REAR WINDOWS**  
e.g. ULTRA- SLIM  
COLOUR GREY RAL 7016  
2340 x 1200 mm  
U value -1.6 W/m²K

- 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
  - MOISTURSHIELD 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

NEIGHBOUR

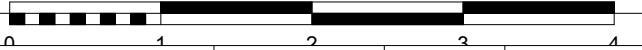
- COLD PITCHED ROOF U value - 0.18 W/m²K**  
( INSULATION BETWEEN RAFTERS )
- TILES TO MATCH EXISTING  
CONCRETE ROOF TILES GREY
  - IMPREGNATED BATTENS 19x39 mm
  - BREATHER MEMBRANES TYVEK HOUSEWRAP  
Product Code: D14537822  
OVER TIMBER BOARDS
  - TIMBER BOARDS
  - RAFTERS / TIMBER IMPREGNATED JOISTS  
50 x 200mm @ 400mm
  - INSULATION BETWEEN RAFTERS  
120 mm (CELOTEX GA<sub>3120</sub> R = 4.00 m²K/W)
  - POLYTHENE VAPOUR MEMBRANE
  - MOISTURSHIELD PLASTERBOARD 12.5 mm

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

- NEW STAIRCASE**  
UNDERSIDE  
FINISHED WITH  
15mm FIRESHIELD  
PLASTERBOARD

NEIGHBOUR

PROPOSED SECTION AA



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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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 CLASIFICATION:

PLANNING

DATE:

12.2023

REVISION

B

DRAWING NUMBER

507/05