

WARM FLAT ROOF U = 0.18 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
- IMPREGNATE JOIST 50 x 200 @ 400mm
- MOISTURESHIELD PLASTERBOARD 12.5 mm

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 GA₃₁₂₀ Z R = 4.00 m²K/W)
- POLYTHENE VAPOUR MEMBRANE
- MOISTURESHIELD PLASTERBOARD 12.5 mm

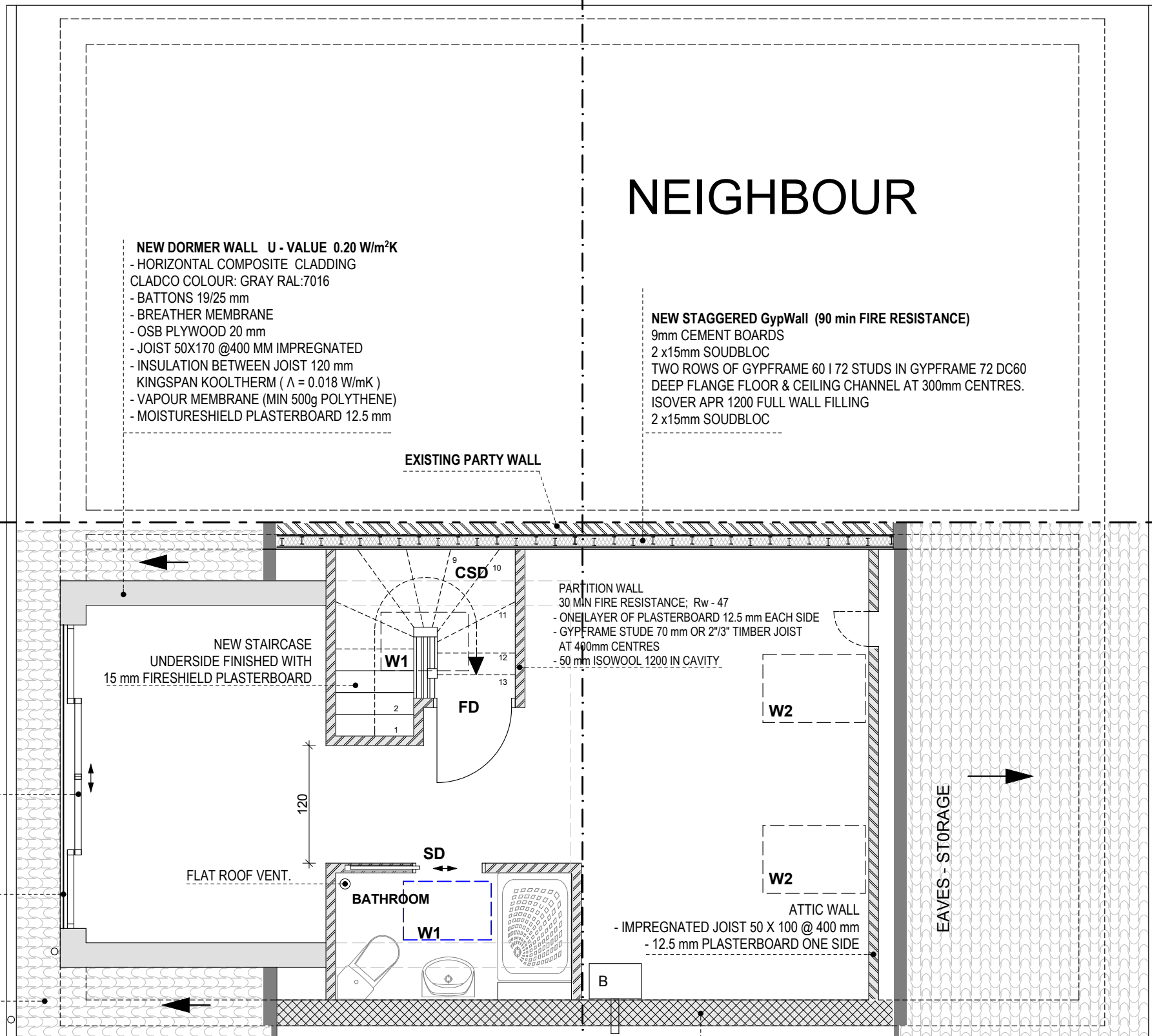
PROPOSED ROOF

**ALL NEW VISIBLE BUILDING MATERIAL AS
TILES, BRICKS, GUTTERS ETC
TO MATCH MATERIALS
USED TO FINISH
THE ORIGINAL ROOF**

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 GA₃₁₂₀ Z R = 4.00 m²K/W)
- POLYTHENE VAPOUR MEMBRANE
- MOISTURESHIELD PLASTERBOARD 12.5 mm

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

JULIET BALCONY,
METAL BALUSTRADE



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 (Λ = 0.018 W/mK)
- VAPOUR MEMBRANE (MIN 500g POLYTHENE)
- MOISTURESHIELD PLASTERBOARD 12.5 mm

NEW STAGGERED GypWall (90 min FIRE RESISTANCE)
9mm CEMENT BOARDS
2 x 15mm SOUDBLOC
TWO ROWS OF GYPFRAME 60 I 72 STUDS IN GYPFRAME 72 DC60
DEEP FLANGE FLOOR & CEILING CHANNEL AT 300mm CENTRES.
ISOVER APR 1200 FULL WALL FILLING
2 x 15mm SOUDBLOC

EXISTING PARTY WALL

PARTITION WALL
30 MIN FIRE RESISTANCE; R_w - 47
- ONE LAYER OF PLASTERBOARD 12.5 mm EACH SIDE
- GYPFRAME STUDE 70 mm OR 2 1/3" TIMBER JOIST
AT 400mm CENTRES
- 50 mm ISOWOOL 1200 IN CAVITY

W2

W2

ATTIC WALL
- IMPREGNATED JOIST 50 X 100 @ 400 mm
- 12.5 mm PLASTERBOARD ONE SIDE

EAVES - STORAGE

FD INTERNAL DOOR 1981 x 762 mm
30 MIN FIRE RESISTANCE; SMOKE SEALS;
SELF CLOSING- PERKO

SD INTERNAL SLIDING DOOR 1981 x 762 mm

CSD CEILING MOUNTED SMOKE DETECTOR

W1 FLAT ROOF WINDOW
VELUX code: 060090
600x900mm
U - value 1.1 W/m²K

W2 ROOF WINDOW
VELUX code: F06
660 x 1180mm
U - value 1.1 W/m²K

EXISTING WALL

PROPOSED LOFT

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.

MACJASPER Ltd

design & build
Email: macjasper7@yahoo.com
tel: (0) 7734839426

NOTES:
This drawing is copyrighted and must not be reproduced or copied in whole or in part without the written consent of MacJasper Ltd.
No dimensions are to be scaled from this drawing. All dimensions are to be checked on site prior to the commencement of works.
All works are to be carried out in accordance with statutory regulations and must comply with British Standards and relevant codes of practice.

SCALE:

1:50,
1:100

A3

PROJECT:

ADDRESS:

CLIENT:

DRAWING
TITLE:

CONSTRUCTION OF DORMER IN LOFT

18 PENDULA DRIVE LONDON HAYES UB4 9PF

MR. ANDRZEJ REMBISZ

PROPOSED LOFT AND ROOF

DRAWING CLASSIFICATION:

PLANNING

DATE:

12.2023

REVISION
A

DRAWING NUMBER
507/07