

Smoke alarms
All floors to be provided with mains operated interconnected fire detection and fire alarm system in accordance with the relevant recommendations of BS 5839 - 6: 2004 to at least a Grade D Category LD3 standard.
Self contained mains operated smoke alarms with battery back up are to be fixed at ceiling level in all circulation areas at each storey level, within 7.5m of all doors to habitable rooms.

Fire resistance to new storey floor
The new 3rd storey floor storey should be separated from the remainder of the house by 30 minute fire resisting construction e.g. a minimum of 12.5 mm plasterboard and skim (if existing or 15mm if renewed) to ceilings and sides of stud walls and provided with a 20 minute fire door with intumescent strips at either the bottom or top of the new stair leading to the loft conversion.

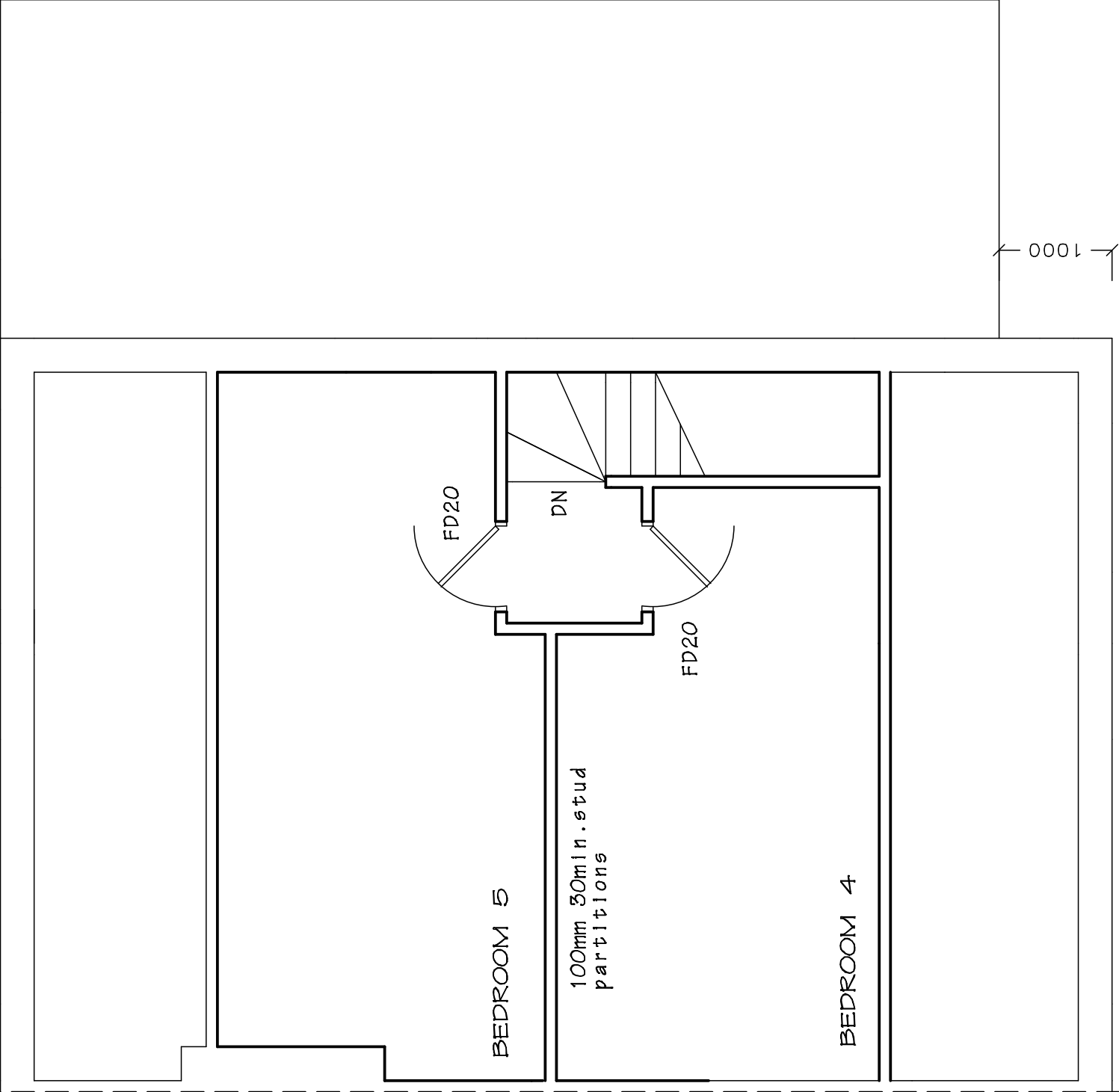
Fire doors
All rooms onto the protected stairs (except bathrooms or toilets providing the enclosing walls have 30 minutes fire resistance) are to be provided with FD20 fire doors with intumescent strips. Any glazing within the fire door or stairway enclosure is to have 30 minutes fire resistance including the beading.

Existing solid/hardwood doors may achieve the required 20 minutes fire resistance or can be upgraded with proprietary intumescent products applied as manufacturers details to achieve 20 minutes fire resistance, as agreed with building control before works commence on site.

Insulation fixed over rafters
(Warm roof achieving a U value of 0.20W/m2k)
Celotex GA3000 0.023 60mm over rafters & 50mm friction fixed between rafters

Internal timber studwork non-load bearing partitions
Non-load bearing stud partitions are to be constructed of 100 x 50mm soft wood with head and sole plates and intermediate noggins fixed at 600mm with a minimum of 25 mm of 10Kg/m2 proprietary sound insulation quilt suspended in the stud and finished with 15 mm plasterboard and skim both sides.

Fire resistance to new storey floor
The new 3rd storey floor storey should be separated from the remainder of the house by 30 minute fire resisting construction e.g. a minimum of 12.5 mm plasterboard and skim (if existing or 15mm if renewed) to ceilings and sides of stud walls and provided with a 20 minute fire door with intumescent strips at either the bottom or top of the new stair leading to the loft conversion.



ATTIC FLOOR PLAN

NOTE
The original construction was to provide for loft extension, therefore all floor joists, purlins and rafters are suitably sized.
An inspection of the structure to be carried out with LA building control and contractor.

PROPOSED EXTENSION AT 189 WESTERN AVE,
PORT TALBOT . SA12 7NE.
Mrs.B.Fouche. 07828 203645.

DRAWING TITLE		
PROPOSED ATTIC FLOOR LAYOUT		
SCALE 1 to 50 @ A3	DATE June 2021.	DRAWING No. 2021/11
DO NOT SCALE DRAWING. FIGURED DIMENSIONS ONLY TO BE USED. DISCREPANCIES TO BE REPORTED IMMEDIATELY.		