

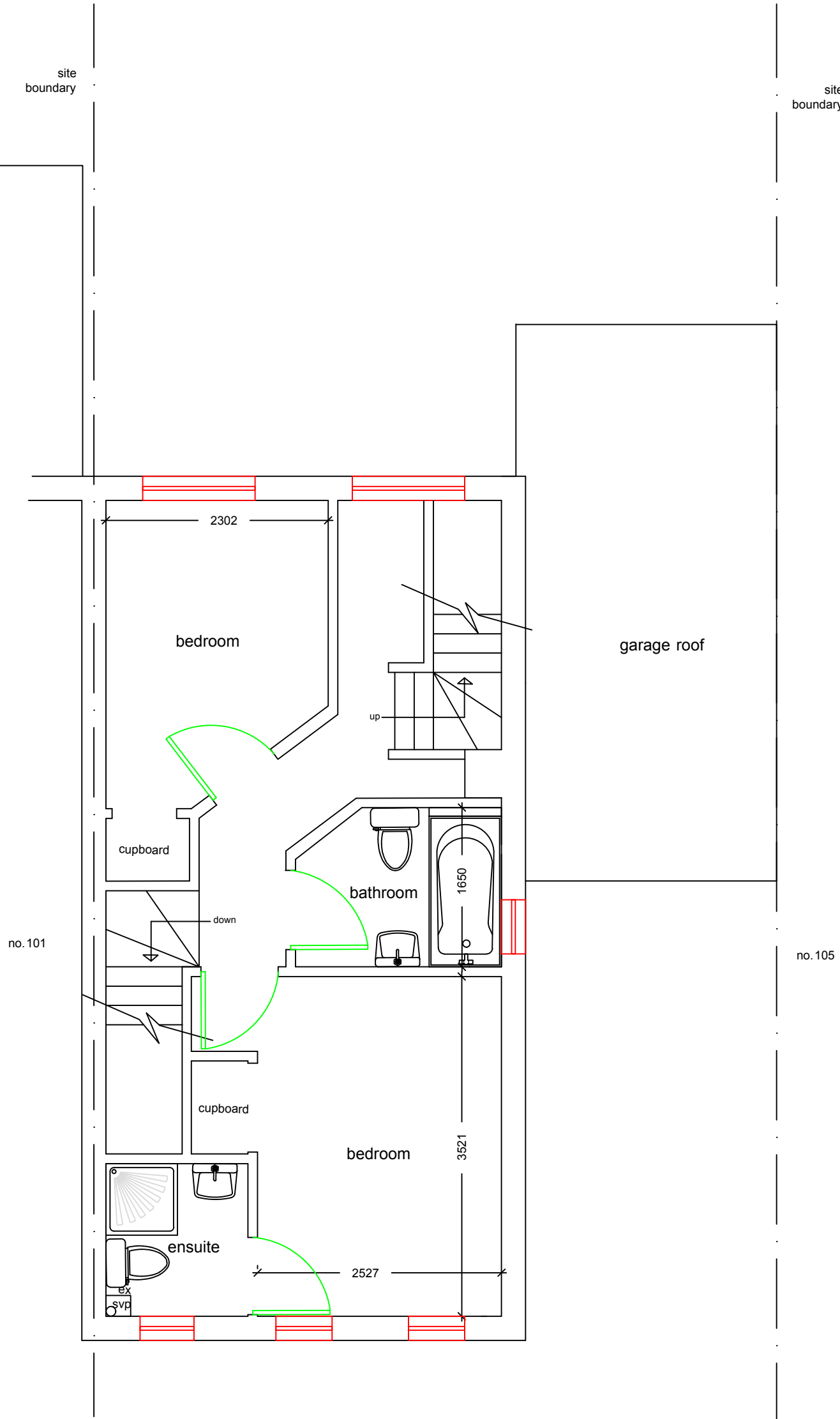
All electrical installations to required to meet requirements of Part P (Electrical Safety) must be designed, installed & tested by a person competent to do so. Prior to completion the council should be satisfied that Part P has been complied with. This may require an appropriate BS 7671 electrical installation certificate to be issued for the work by a person competent to do so

basin waste 32mm diameter (upto max. 1.7m, or 40mm for runs upto 3.0m. Provide ani-siphon traps for runs in excess of this

Smoke detectors to be mains powered on a separate circuit and interconnected

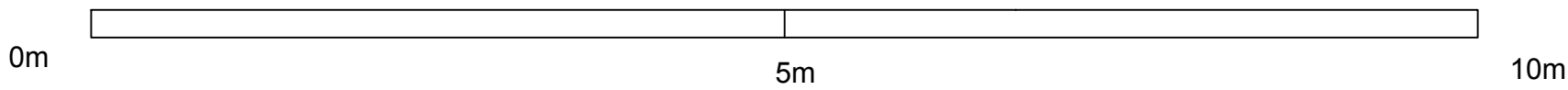
1/2 hour fire resistance to be provided to u/side of staircase where over accomodation below

pitched roof @ ceiling level to have 270mm rockwool insulation between & over ceiling joists to achieve max 0.16W/m2K u-value



existing first floor plan

1:50



100mm Celotex insulation to achieve 0.35W/m2K U value

'double up' floor joists under partitions

Partly wall to be provided with 50mm thermaboard for adequate thermal insulation

100mm Celotex insulation bet ex rafters & 50mm thermaboard over to achieve U-value of 0.18

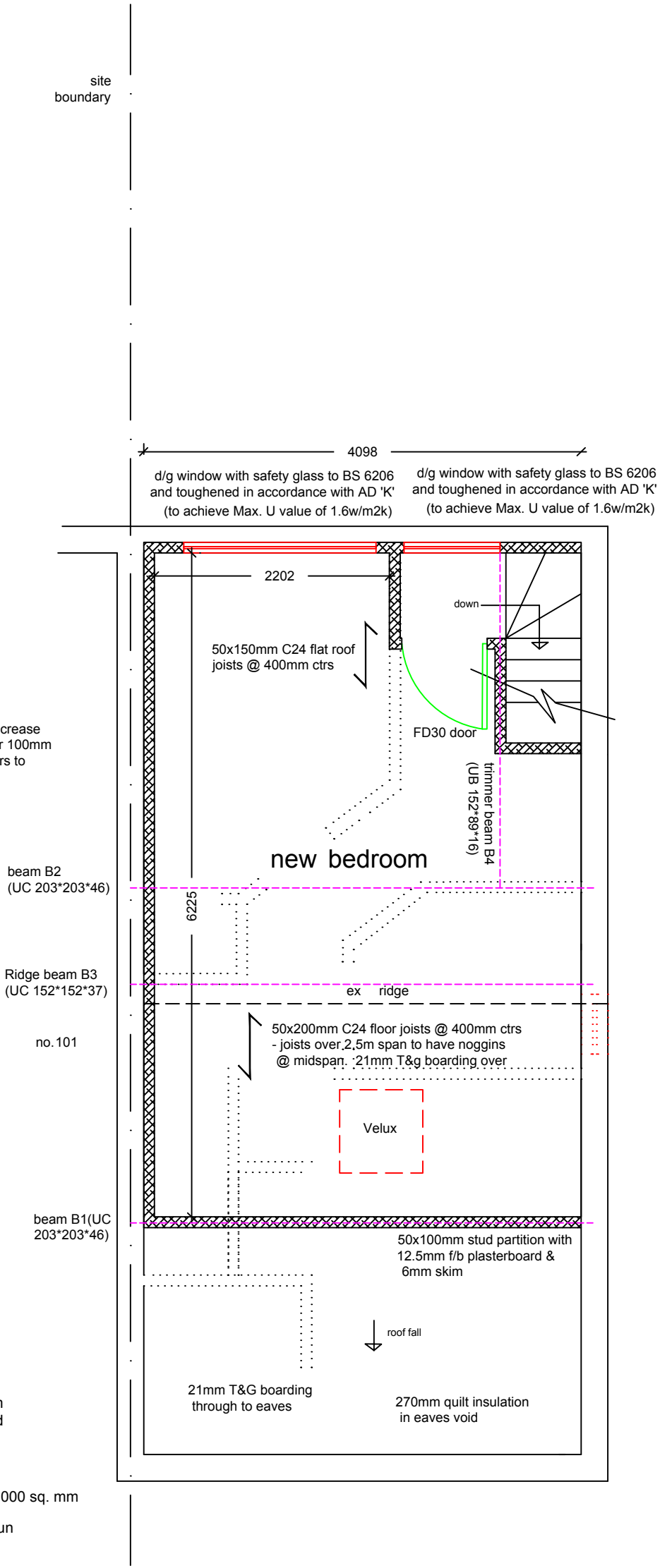
ex 50x100mm rafters to be deepened with 50x50mm timbers to increase depth to 50x150mm thereby providing 50mm clear ventilation over 100mm Celotex insulation. Add 50mm Thermaboard to underside of rafters to provide U-value of 0.18

all bath, sink, shower wastes to be 38mm waste pipes with 38mm deep seal traps or 50mm waste pipes with 50mm traps where combined

provide rodding access in waste pipes at bends/changes of direction

provide min. background ventilation of 1/20th floor area by means of trickle vent in window 8,000 sq. mm

Provide mechanical ventilation to bathroom with min. 15 litres/sec extraction with 15 minute o/run



proposed loft plan

1:50

N.B

1. All doors to habitable rooms opening onto staircase at ground and first floor level to be half hour fire resisting and to be fitted with self closing devices & 25x38mm door stops, glued & screwed (if no other means of escape)
2. Provide power operated smoke alarms on ground & first floor ceilings & second floor landing area
3. Smoke detectors required to each landing level
4. Vertical insulation in roof void to continue to the ceiling insulation
5. All steel beams to be fire protected with 2 layers of 12.5mm f/b plasterboard abd binding wire to provide half hour fire resistance
6. Provide trickle vents in new windows to achieve min. 8,000mm of background ventilation
7. New loft room door to be half hour fire door fitted with steel hinges & self closing device & 25x38mm door stops, g
8. Provide mechanical ventilation to bathroom by means of extractor fan with 3 air changes per hour & 15 minute over run (min. capacity 15 litres/second
9. Bath, basin and wc waste to go into ex. svp with cleaning eyes at bends & changes of direction (basin 32mm waste & bath 38mm waste with
10. min. 50mm 'going' at newel post

STUD WALLS:

100mm Celotex insulation to all cavities with polythene vapour barrier and 12.5mm plasterboard and skim internally. Walls within 1 mtr of boundary to have 12.5mm plasterboard internally with 9.5mm Supalux to achieve half hour fire resistance (BRE REPORT 128).

WALLS/SLOPE:

50 x 100mm studwork at 400mm CRS fixed to 50 x 100mm head and sole plates. Cavities filled with 100mm fibreglass insulation with 12.5mm pl.b d and skim. Roof slopes to haver 100mm TS2 Celotex insulation board cut between rafters, and to maintain 50mm air gap above insulation. Provide 50mm Thermaboard. Polythene vapour barrier to warm side of insulation with 9.5mm plasterboard and skim internally. Internal walls 50 x 100mm studwork @ 400mm CRS fixed to 50 x 75mm head and sole plates with 9.5mm plasterboard and skim finish. Staircase enclosure 12.5mm plasterboard and skim both sides for half hour fire resistance.

STAIR:

Maximum pitch of new stairs to be 42° and minimum going of tapered treads to be 50mm. Width of new staircase to be 700mm. Provide handrail at risk side of staircase at 900mm above pitch line with vertical spindles at max. 100mm CRS.

WINDOWS/VENTILATION:

All windows to be double glazed. Habitable rooms to have trickle vent 8000mm. Proprietary tile/slate vents to promote ventilation equal to 25mm continuous at eaves level and 5mm continuous at ridge level.

General Notes

Drg. No. AUB/2604

No.

Revision/Issue

Date

Firm Name and Address

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Project Name and Address

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Project

loft conversion

Date

12-05-21

Scale

1:50

Sheet

02