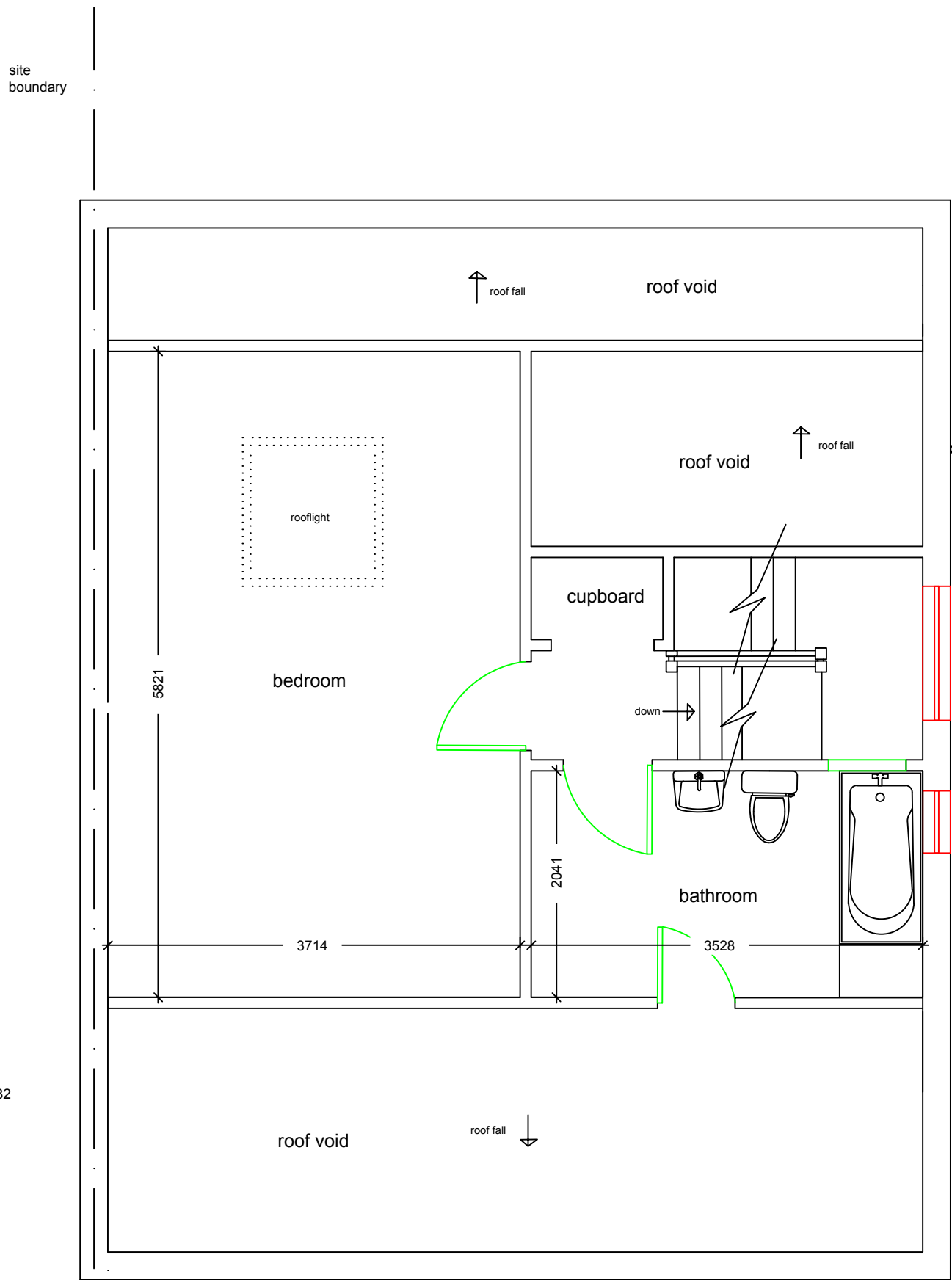
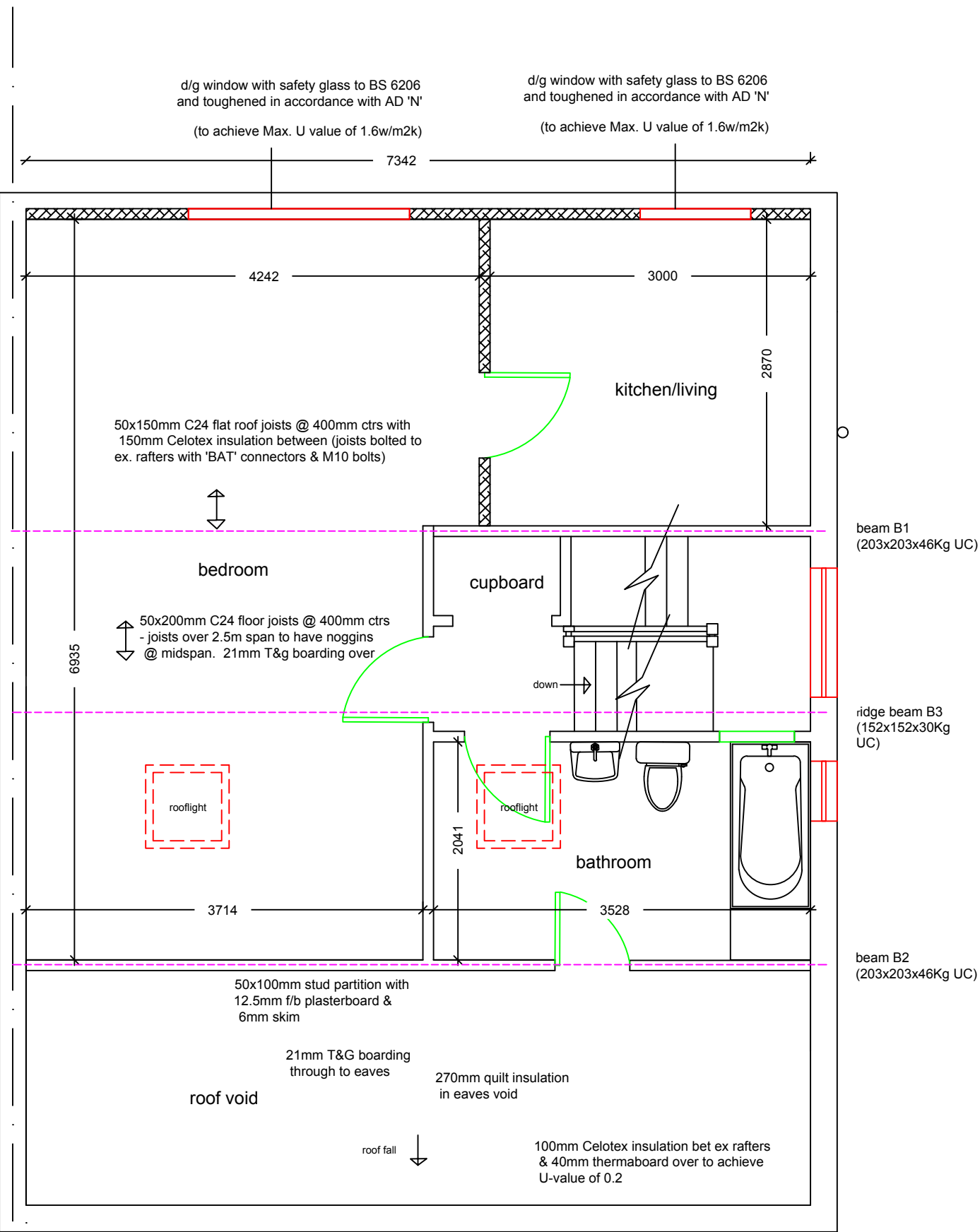




existing loft floor plan  
1:50



proposed loft floor plan  
1:50

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 appropraite BS 7671 electrical installation certificate to be issued for the work by a person competent to do so

min U-values for :

wall 0.30

pitched roof (insulation @ ceiling level) 0.16

pitched roof (insulation @ rafter level) 0.20

flat roof (insulation @ ceiling level) 0.20

floor (insulation @ ceiling level) 0.22

(All in acc with AD L1B, table 4)

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

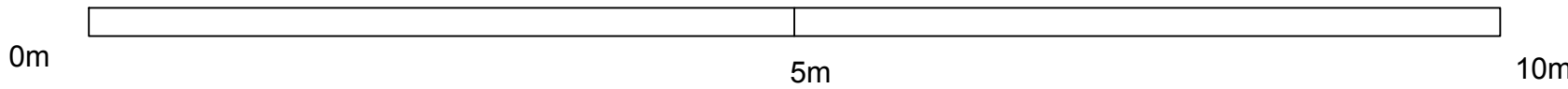
Smoke detectors to be mains powered on a separate circuit and interconnected

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

dormer studwork with 100mm Celotex & 30mm thermaboard/6mm skim plaster finish internallyto achieve max 0.30W/m2K u-value

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

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



General Notes

|     |                      |      |
|-----|----------------------|------|
|     | Drg. No. SAR/0901/PD |      |
| No. | Revision/Issue       | Date |

|                                                    |
|----------------------------------------------------|
| Firm Name and Address                              |
| Middlesex & Herts                                  |
| 7 Elgin Drive<br>Northwood<br>Middlesex<br>HA6 2YR |
| 01923 826280                                       |

|                                                                  |
|------------------------------------------------------------------|
| Project Name and Address                                         |
| Mr Ahluwalia<br>180 Church Road<br>Hayes<br>Middlesex<br>UB3 2LS |

|                         |             |
|-------------------------|-------------|
| Project<br>ss extension | Sheet<br>02 |
| Date<br>02-02-20        |             |
| Scale<br>1:50           |             |