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To cheeks and gable of dormer fix grey horizontal tiles on 50x25 battens, on Kingspan Nilvent breathable membrane, on 9mm OSB. 75mm Kingspan Kooltherm K7 insulation between 100x50mm timber dormer studs. Lined internally with 52.5mm Kingspan Kooltherm K118 insulated plasterboard with 3mm skim coat. To give a U-Value of 0.18w/m²k.

Drains from new bathroom to connect into existing soil pipe.

Build new stud wall, use 75x50mm timber stud and 1 layer of 12mm ply and 1 layer of 12.5mm plasterboard and skim to both sides. Insert Isover 50 insulation between studs for acoustic and thermal purposes.

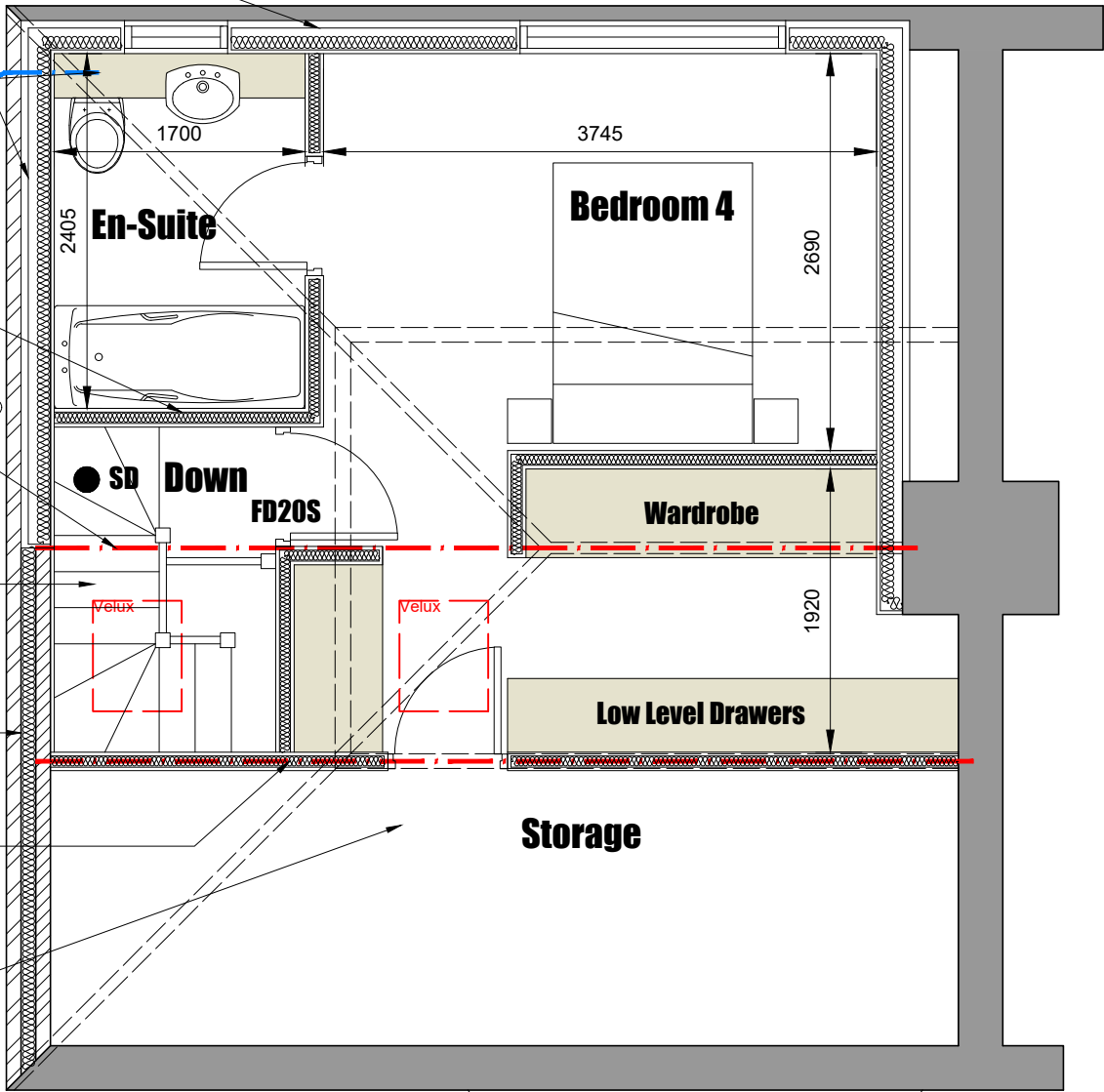
Red broken lines indicate new steel ridge beam inserted to span from gable to gable. Structural engineer to design suitable connection detail to existing chimney breast, which angles down to front and rear of house at first floor.

New timber staircase from first to second floor to have a going of 245mm 12no. equal risers, max 220mm riser(max staircase angle of 42°) with a minimum clear headroom of 2m. Balustrade to 1 side of stair min. 900mm above pitch.

Build up existing gable in brickwork outer leaf to match existing. 100mm blockwork inner leaf with full fill insulation.

Red broken lines indicate new steel purlin inserted to span from gable to gable.

If already thickened existing loft floor joists are not suitable then use 175x50mm C16 joists at 400mm centres. To run parallel with and bottom of joists level with existing loft joists. New 18mm ply boarding on top of joists. Line underside where required with 12.5mm plasterboard and skim. Use 150mm Rockwool mineral insulation between joists. Structural engineer to confirm floor joists sizes and steel support beams where required.



● **HD** Indicates heat detector.

● **SD** Indicates smoke detector.

FD20S 20min fire door.

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JOB TITLE :
ADDRESS :
DRAWING TITLE :
SCALE :
DRAWN : xxx

Proposed Extensions And Alterations
1116 Rochdale Road, Blackley
Proposed Loft Floor Plan
1:50 @ A3
DATE : 03.01.23

JOB NO./
DWG NO.

705-10C