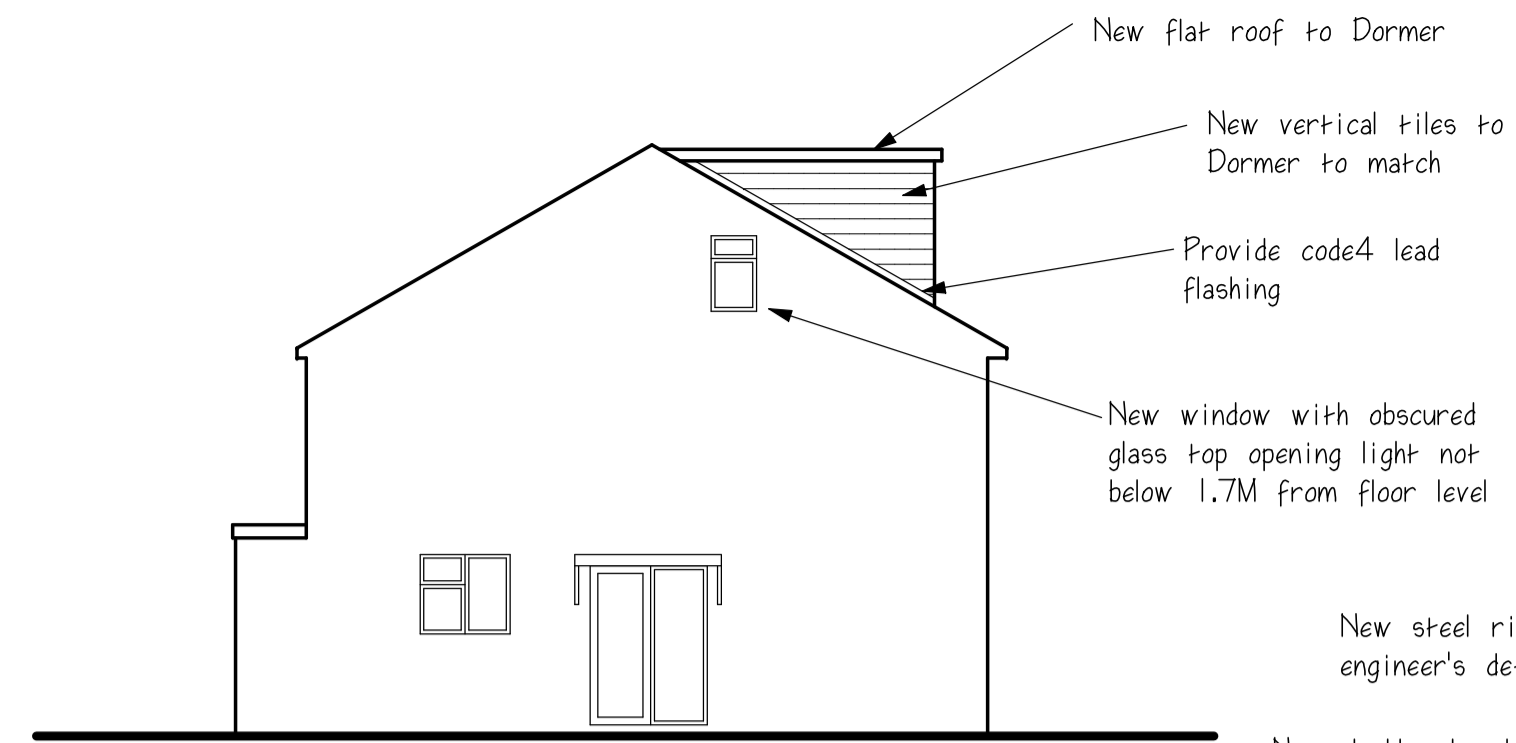
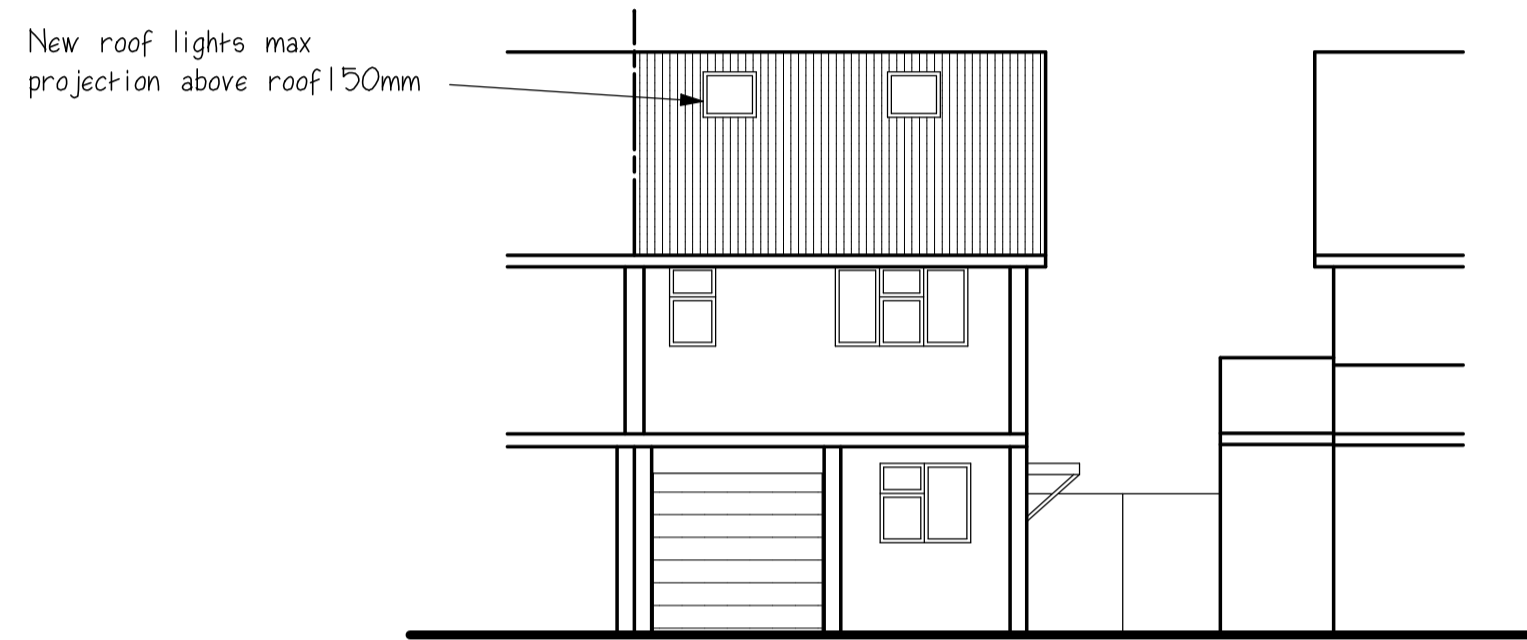


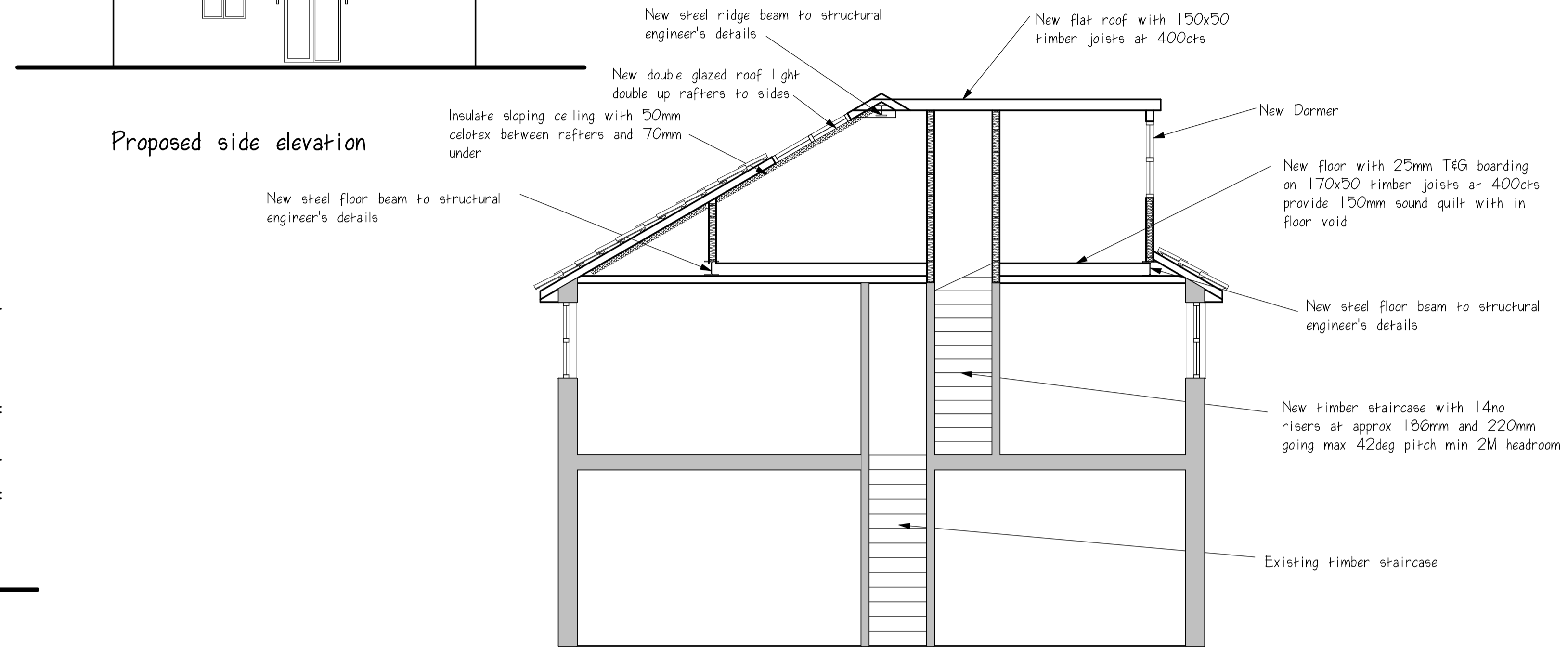
Proposed rear elevation



Proposed side elevation



Proposed front elevation



Section A-A

Construct new Dormer with 100x50 timber studs at 400cts provide 100x100 posts at corners Line externally with 19mm ply felt batten and fix vertical tiles

Insulate Dormer with 100mm celotex between studs and 50mm over

Line side of Dormer with 12mm superlux board to provide half hour fire protection

Dryline existing party wall with 90mm kooltherm K18 insulation board on plaster dabs

New steel ridge beam over to structural engineer's details

New double glazed roof lights double up rafters to sides

New bathroom fittings with wastes connecting to new s.w.pipe

New timber staircase with handrail at 900mm to side

Insulate existing flank wall with 90mm Kooltherm K18 insulation board on plaster dabs

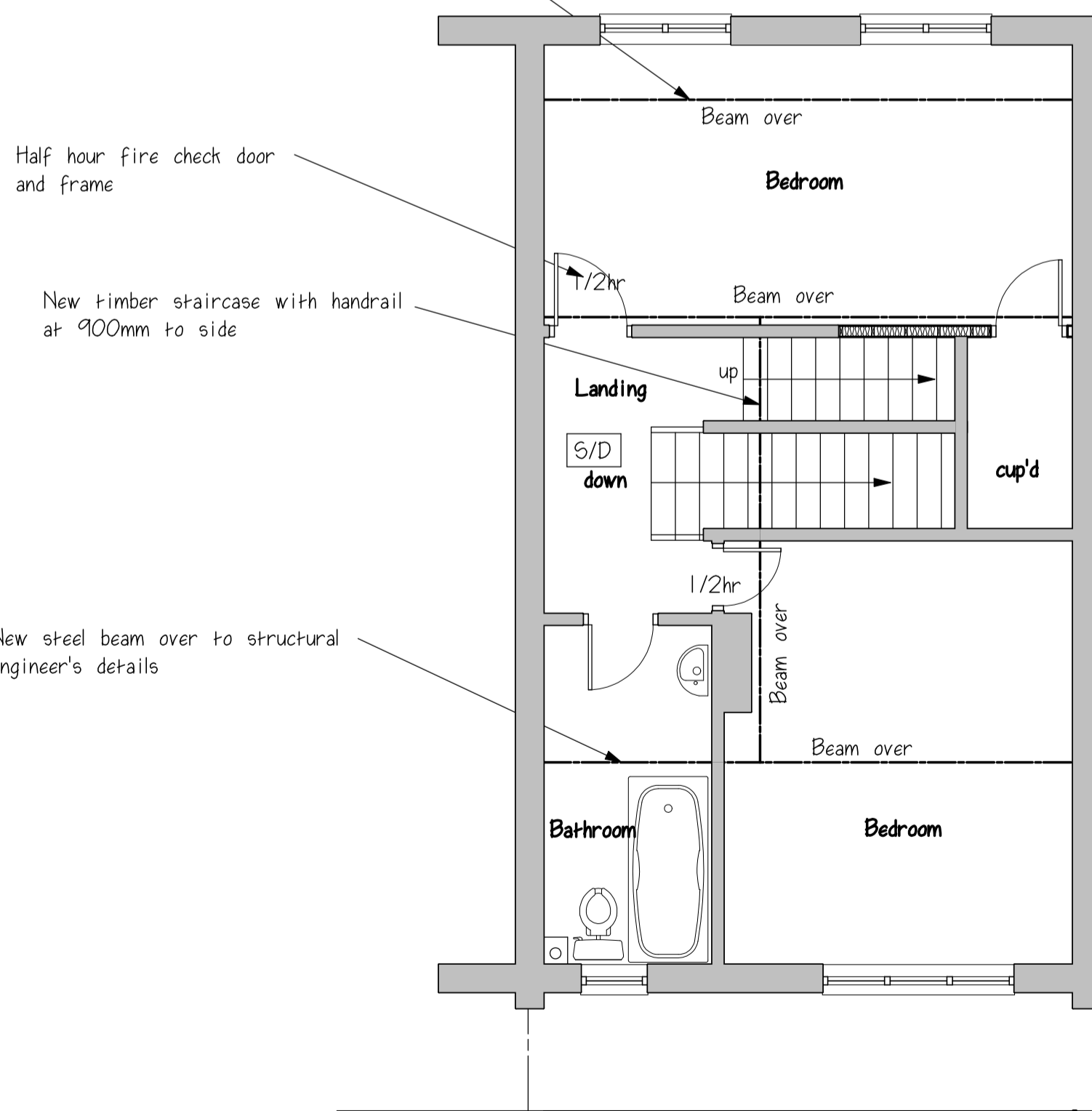
Line of change in ceiling level

New steel beam over to structural engineer's details

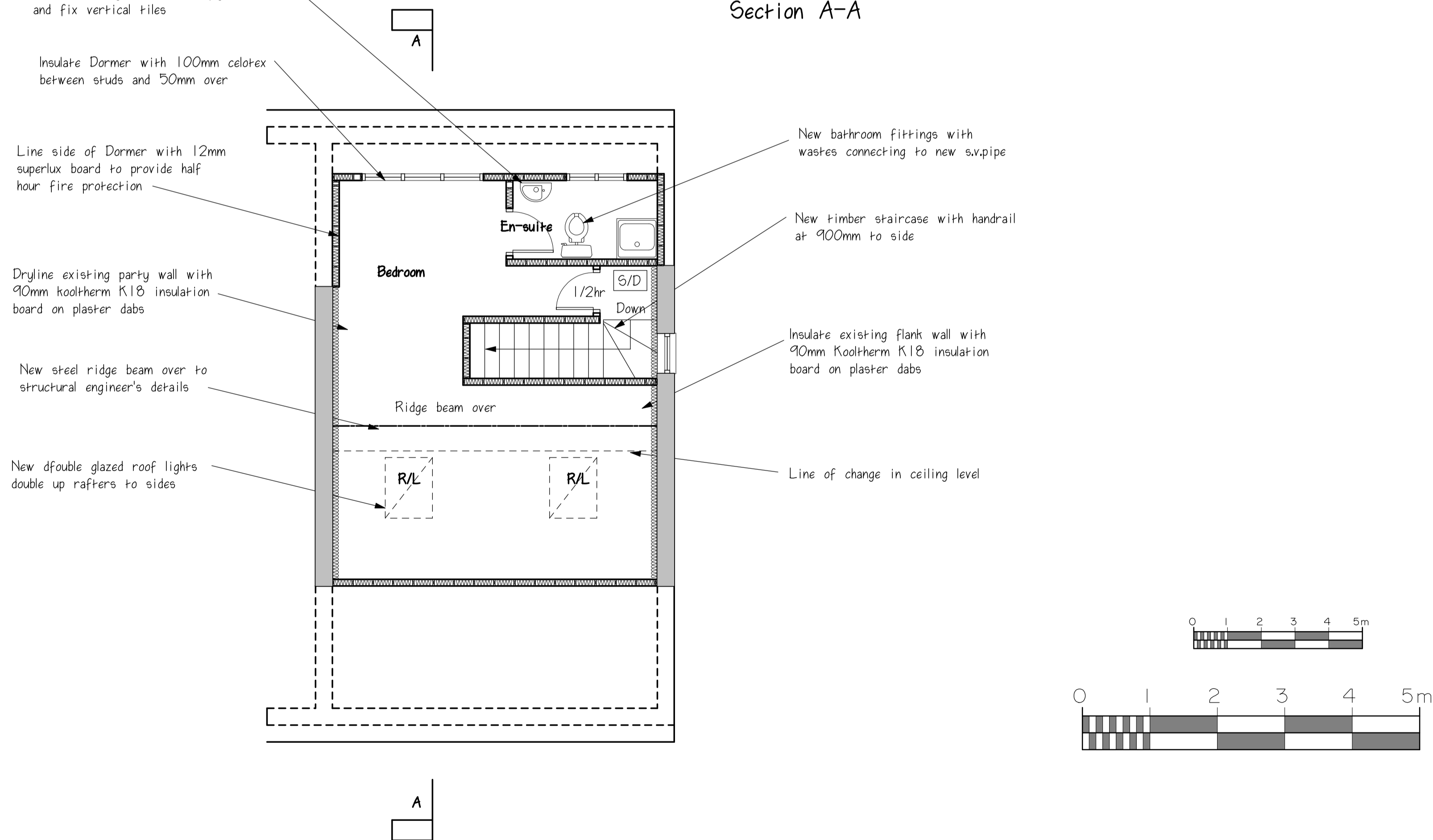
Half hour fire check door and frame

New timber staircase with handrail at 900mm to side

New steel beam over to structural engineer's details



Proposed first floor plan



Proposed loft plan

GENERAL SPECIFICATION NOTES: All dimensions, levels, boundaries, drainage etc to be checked on site by the Building Contractor prior to commencement of work. All relevant planning and Building Regulation approvals to be obtained prior to commencement of work. All party wall notices to be served on the adjoining owners by the Building Owner prior to commencement of work. All health and safety regulations to be implemented on site by the Building Contractor during the building contract. Where applicable these drawings are to be read with the structural engineers calculations and details.

INTERNAL TIMBER PARTITIONS Construct partitions with 100mm x 50mm S.W. timber studs at 400mm centres vertically with head and sole plate including noggins. Line both sides with 12mm plasterboard scrim and set. Provide 100mm sound quilt within void. Provide double joists bolted together under where constructed parallel to floor span.

FLAT ROOF CONSTRUCTION to comply to 0.15W/m2K Provide 13mmolar reflective chippings hot bedded on 3 layers roofing felt, top layer mineralised and taken up under tiles min. 450 to BS 7477 on 18mm ply on 150mm celotex XR4000 on 18mm ply decking on s.w. firings to fall min 1 in 60 on 175x50mm timber joists at 400cts line ceiling with 13mm plasterboard scrim and set

LATERAL RESTRAINT Provide lateral restraint to new flat roof by means of 1200mmx32mmx6mm galvanised mild steel straps fixed to timber joists and walls at 1800mm max. ctr.

STEEL WORK New steel work to be pre-treated with paint protection to provide half hour fire protection.

DOORS For three storey buildings, all habitable rooms to have half-hour fire check door and frames with no glazing to protected stair route. If doors are glazed, then glazing must be pyrostop half-hour fire rated glass.

WINDOWS to comply to 1.40W/m2K New windows to be upvc triple glazed with opening lights equal to min. 1/20th of floor area. New glazing to glass min. 16mm cavity. Fix trickle vents within frame 8,000mm 2

MECHANICAL VENTILATION Kitchens: to be fitted with extract fan ducted to external air, capable of providing 60 litres per second ventilation. Utility rooms to be fitted with extract fan ducted to external air, capable of providing 30 litres per second ventilation. Bathrooms/ shower-rooms: to be fitted with extract fan ducted to external air, capable of extracting 15 litres per second ventilation. Bathrooms, shower-rooms and w.c's that are internal should be electrically wired to the light switch, capable of providing three air changes per hour and fitted with a 15 minute over-run delay.

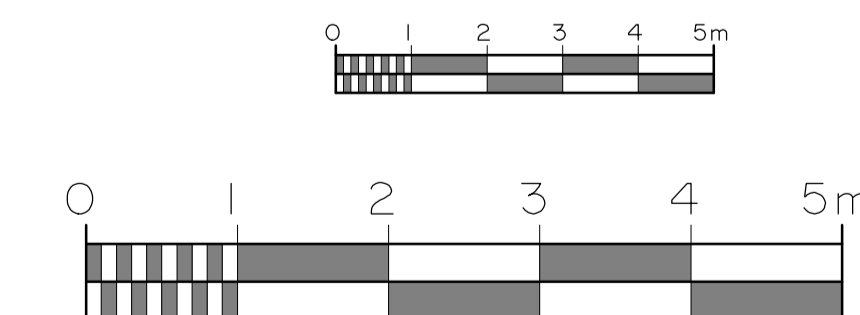
SMOKE DETECTORS Provide smoke detectors within hallways and corridors at each floor level, electrically wired on separate circuit to mains supply and fitted with back-up battery system. All smoke detectors to be inter-linked.

ELECTRICAL All new electrical wiring to be carried out by a competent person registered under part P of the Building Regulations. Test and installation certificates are to be provided upon completion of works. All new switches and sockets are to be positioned within a zone between 450mm and 1200mm above finished floor level. 25% of all new electrical light fittings are to be energy efficient.

PLUMBING New plumbing above ground to comply with codes of practice. All fittings to have 75mm deep seal traps. Provide rodding access to all waste pipes at change in direction. New drains to be 100mm dia. Upvc with flexible joints laid to fall min. 1 in 40, bedded and surrounded with 150mm pea-shingle.

project: Loft conversion with rear Dormer
address: 7 King Georges Road, Brentwood, CM15 9LT
client:
date: January 2024
drg. no: 9366/3
scale: 1:50 & 1:100

revisions



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