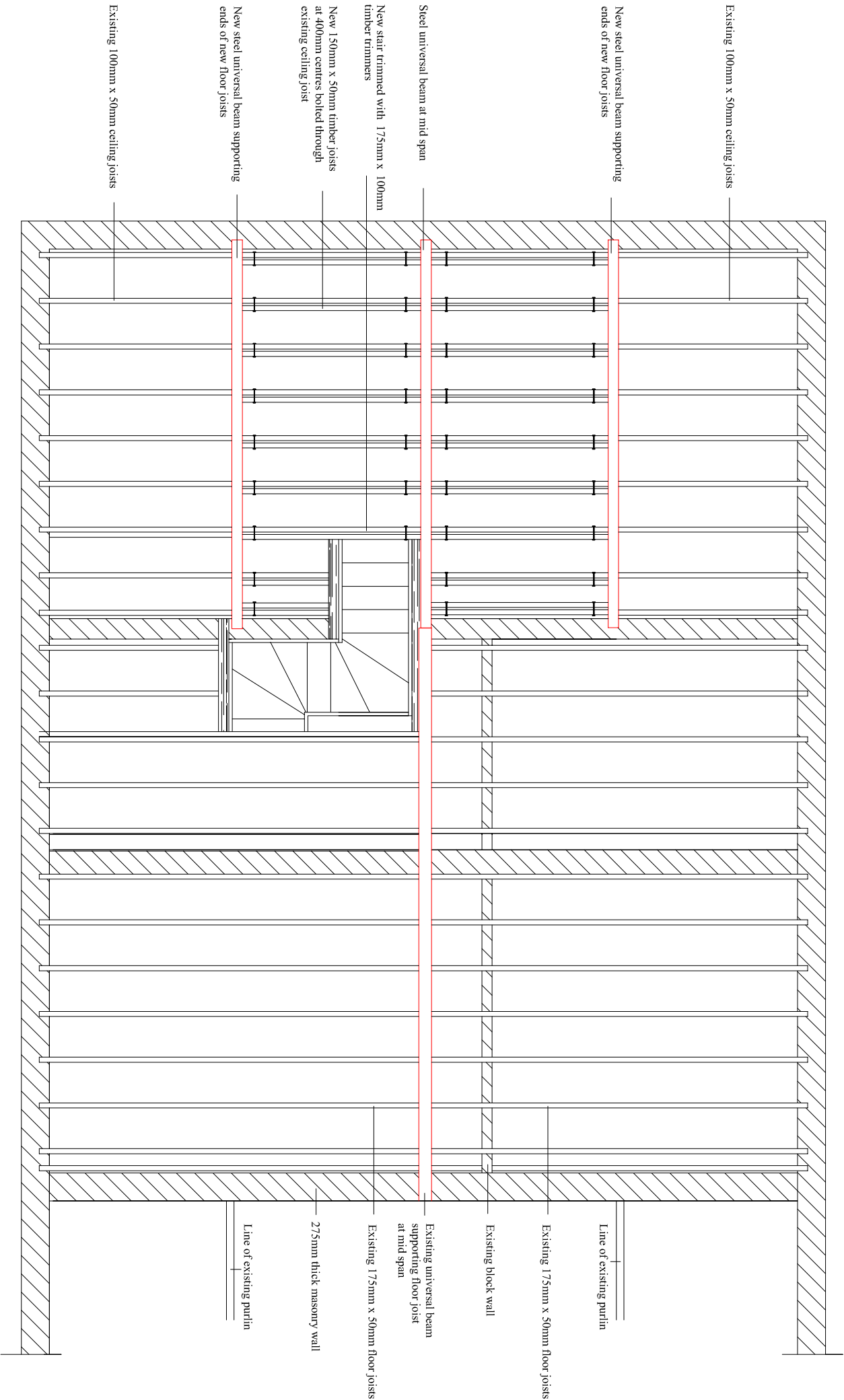


EXISTING TIMBER FLOOR LAYOUT AND THE
NEW FLOOR JOIST LAYOUT WITH THE STAIR
AND TRIMMING JOIST DETAILS



CONSTRUCTION NOTES

The timber floor will sit above the existing ceiling line and run into and be supported between the web of the universal beam. The joists will be secured to a 100mm x 45mm timber insert bolted in the web of the universal beam, Catnic TWR joist hangers fixed to the binder with galvanised steel nails and extend over the top flange of the steel beam. The new 125mm x 50mm timber joists at 400mm centres will be bolted through the existing ceiling joists to ensure stability of the floor. Trimming joists at 175mm x 100mm will trim the edges of the staircase.

STAIR DETAIL

Stair width = 900mm;
No. of risers = 13 @ 206mm;
No. of treads = 12 @ 230mm;
Pitch of stairs not greater than 42 degrees;
Minimum headroom over stairs and landing to be 2000mm measured vertically from the pitchline.
Nosings to extend 16mm beyond the closed riser.
Clear unobstructed landings at the top and bottom of the flight of 900mm. Handrails positioned one side of the stair at 900mm above the pitchline.
Tapered treads shall be uniform and shall not be less than the straight flight, the going of the tapered tread shall measure at least 50mm at the narrow end.
Stairs designed to BS 585: Wood stairs Part 1: 1989.
Specification for stairs with closed risers for domestic use, including straight and winder flights and quarter or half landings, will offer reasonable safety.
Guarding of floor
The second floor around the top of the stairs is to be guarded by balustrades at 900mm above the floor level and set at 100mm centres. The balustrades are to extend to the main flight and set at 100mm centres.
NOTE: The exact measurement of the height and going of the stairs are to be determined before manufacture of the flight and all works are to comply with Regulation K1, K2 and K3 of the Building Regulations 1998.