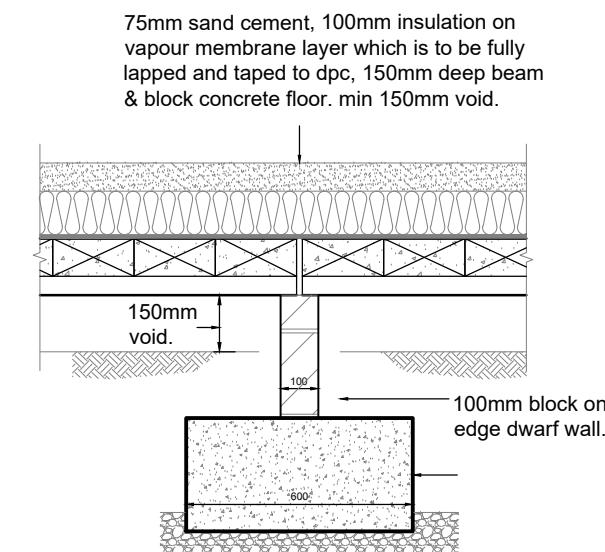




207 825m

75mm sand cement

Insulation on vapour membrane layer which will be fully lapped and taped

150mm deep beam & floor concrete block

25 cover to reinforcement

125mm thick reinforced cavity, with A393 mesh. (25mm cover to rear stem)

H10 starter bars @ 200mm centres (25mm cover)

Formation level to be 100mm into stiff / firm clay strata (approx 750mm below existing ground levels)

H10 U-bars each face @ 300mm centres, with A393 mesh top & bottom

1300 325 250

1. Carry out all Masonry works in accordance with BS 5628.
2. All load bearing masonry blockwork to be a Min. 73mm/m² compressive strength unless noted otherwise.
3. All non load bearing blockwork is to be bedded/coursed into load bearing walls to provide a continuous support to the adjacent panel.
4. Masonry construction is to be fully tied at floor levels with 50x2000 mild steel straps @ 1800c/u.
5. All padstones to be 440x100x215mm deep (cast concrete) unless noted otherwise.
6. All steelwork to be grade S275 (Grade43) to E.N. 10025 & 10210 (UNO).
7. All universal beams, joists, universal columns & channels to be minimum of S355 grade (UNO)
8. All mild steel grading for flat plates and angles are S275 grade (UNO).
9. Minimum steel grading for CHS, RHS & SHS are to be S235 grade (UNO).
10. All steelwork is to be blast cleaned to B.S. 5493 second quality and have 75 micron high build zinc phosphate primer. All exterior steelwork is to be galvanised.
11. All shop and site bolts are to be sherardised to BS 4921: class 1.
12. All bolts to be grade 8.8. Welds min. 6mm fillet UNO.
13. The steelwork Contractor is responsible for all temporary bracing.
14. Steelwork has been designed in accordance with B.S. 5950, all moments and shear forces indicated are ultimate.
15. Steelwork connections are to be designed by a specialist sub-contractor. All fabrication details and design calculations are to be presented to the Engineer and commented upon before fabrication commences.

