

Level	Strength (N/mm ²)	MORTAR (BS5628)	DENSITY (kg/m ³)
Foundation blocks (355mm Wide)	3.6	M6 / (ii)	Min. 600

1. All dimensions are in mm unless shown otherwise.
2. All levels are in m and relative to Ordnance datum.
3. Use figured dimensions only - do not scale.
4. This drawing to be read in conjunction with all relevant specialists drawings and specifications, any discrepancies to be brought to the attention of the engineer.
5. New foundations onto suitable bearing strata to the approval of the engineer
6. Sub grade to be proof rolled, and any soft spots encountered below slabs are to be removed and infilled with compacted hardcore
7. Concrete for foundations to be designated mix FND2 to BS EN 22019-1/BS 8500
8. Concrete to be DC1 / AC-1
9. All stone proposed to be used as hardcore is to be clean and free from any deleterious materials.
10. Drains within 300mm of u/s of slab/floor to be encased in GEN3 mass concrete
11. Allow screed to cure and dry to sufficiently low moisture content before use or before the fixing of surface finishes.

- Strengths are based on standard block sizes :
100 x 215 x 440mm (except foundation blocks)
- Brickwork / blockwork below dips to have max water absorption of <7%
- Wall ties to be stainless steel and conform to BS1243. Ties to be embedded to a minimum depth of 62.5mm, positioned at maximum 750mm c/c horizontally and 450mm c/c vertically. Ties to be evenly distributed over wall area in a staggered pattern. Additional ties are to be provided at 225mm c/c to the vertical edge of all window and door openings
- Masonry movement joints not required below D.P.C
- Expansion joints to be formed at 6m centres to blockwork and 10m centres maximum to masonry comprising 10mm Aeroflo (or equal approved) with acrylic non-hardening mastec sealant externally with appropriate Catnic or equal approved stainless steel plaster stops and movement beads internally
- All cavity fire barriers to Architects details
- Cavity tray requirements to Architects details

- Laps in membranes to be rigorously sealed. A layer of double sided tape between the membranes at the overlap and run a tape over the leading edge of the outer sheet. Refer to manufacturers instructions
/recommendations entirely
- Check that the wall damp proof course and floor damp proof membrane form an adequate air barrier. Make sure any laps and joints are well sealed and any tears or punctures are repaired.



Refer to Architects drawings for all setting out and pop up positions



Title	Plot 8 - House Type 03 (B1) Foundation Sections Sheet 2 of 2
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Drawn by M.M	Checked by P.D	Client PIC Homes	
Scale 1:10 @ A1	Date April 2023	Drawing Number EBC01070-100-3-PLT8	Rev. P2