

Masonry Specification Below DPC			
Level	Strength (N/mm²)	MORTAR (BS5628)	DENSITY (kg/m³)
Foundation blocks (355mm Wide)	3.6	M6 / (ii)	Min. 600

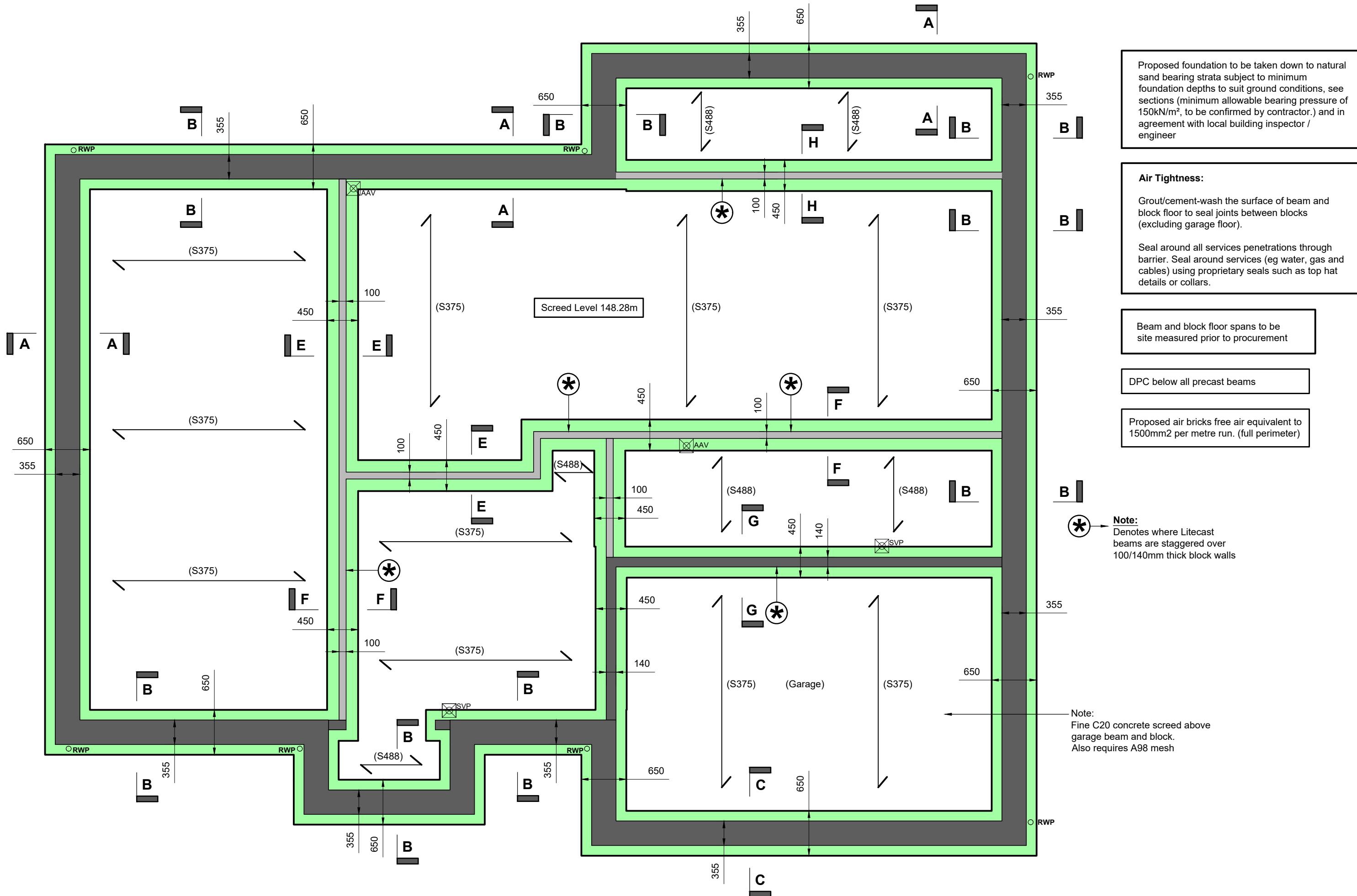
Note:
Foundation blocks below DPC to comply with BS EN 771-4: 2011 +A1:2015, BBA certified

Concrete Notes

- All dimensions are in mm unless shown otherwise.
- All levels are in m and relative to ordnance datum.
- Use figured dimensions only - do not scale.
- 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.
- New foundations onto suitable bearing strata to the approval of the engineer
- Sub grade to be proof rolled and any soft spots encountered below slabs are to be removed and infilled with compacted hardcore
- Concrete for foundations to be designated mix FND2 to BS EN 22019-1/BS 8500
- Concrete to be DC1 / AC-1
- All stone proposed to be used as hardcore is to be clean and free from any deleterious materials.
- Drains within 300mm of u/s of slab/floor to be encased in GEN3 mass concrete
- Allow screed to cure and dry to sufficiently low moisture content before use or before the fixing of surface finishes.

- Masonry Notes:**
- Strengths are based on standard block sizes :
100 x 215 x 440mm (except foundation blocks)
 - Brickwork / blockwork below dpc 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 Aerofil (or equal approved) with acrylic non-hardening mastic 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

- Membranes**
- 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.



Plot 8 - HT 03 (B1) - Foundation / Beam & Block General Arrangement Plan
(Scale 1:50)

- Beam & Block Notes**
- All dimensions are approximate and should be approved by the Architect.
 - Beam and block floor span direction is to be as indicated on this drawing.
 - All dimensions are to be checked on site prior to manufacture
 - DPC below all precast beams
- LOADING**
- Ground Floor Dead (Permanent) Load:**
- | | | |
|--|---|-----------------------|
| Beam & Block (self weight incl. dense 7N blocks) | - | 2.60kN/m² |
| 75mm Screed | - | 1.65kN/m² |
| Floor Finishes & insulation | - | 0.15kN/m² |
| Partitions (stud) | - | 0.50kN/m² (allowance) |
| TOTAL DEAD | - | 4.90kN/m² |
- Imposed (Variable) Load:**
1.50 kN/m² - General domestic imposed to BS 6399
2.50 kN/m² - Garage imposed load

(S- - -) Indicates span of Litecast 150mm deep beam and block floor (Spacing's T.B.C by Litecast)
Double up beams below all partitions.
Figure in brackets shows assumed configuration (T.B.C by Litecast)

Refer to drawing EBC01070-100-2-PLT8 & 100-3-PLT8 for foundation sections

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

Rev.	Date	Description	Status	Rev. by
P2	29.05.23	All Levels Revised	Preliminary	MM
P1	02.05.23	First Issue - For Comment	Preliminary	MM



Project	Proposed Housing Development, Dobfield Road, Rochdale OL16 3AW			
Title	Plot 8 - House Type 03 (B1) Foundation General Arrangement Plan			
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Drawn by M.M	Checked by P.D	Client PIC Homes		
Scale 1:50 @ A1	Date April 2023	Drawing Number EBC01070-100-1-PLT8		Rev. P2