



**Substructure Wall Legend (100mm Cavity)**

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|  | <b>Standard External Insulated Cavity Wall (Below Ground)</b><br>100mm blocks (7.3N/mm <sup>2</sup> ) upto 150mm below external ground level, then class B engineering brickwork (102.5mm) to DPC level<br>100mm cavity with expanded polystyrene board (thermal conductivity 0.038 W/m <sup>2</sup> /K)<br>100mm aerated concrete block / coursing bricks (7.3N/mm <sup>2</sup> ) |
|  | <b>External Uninsulated Cavity Wall (To Garage etc - Below Ground)</b><br>100mm blocks (7.3N/mm <sup>2</sup> ) upto 150mm below external ground level, then class B engineering brickwork (102.5mm) to DPC level<br>100mm cavity<br>100mm aerated concrete block / coursing bricks (7.3N/mm <sup>2</sup> )   |
|  | <b>Party Wall (Below Ground)</b><br>100mm aircrete block (7.3N/mm <sup>2</sup> )<br>100mm cavity with expanded polystyrene board (thermal conductivity 0.038 W/m <sup>2</sup> /K)<br>100mm aircrete block (7.3N/mm <sup>2</sup> )  |
|  | <b>Internal Blockwork Partition (Below Ground)</b><br>100mm aerated concrete block (7.3N/mm <sup>2</sup> )<br>(Suspended ground floor beam manufacturer's coursing blocks / bricks as required)  |
|  | <b>Sleeper Wall</b><br>100mm aerated concrete block (7.3N/mm <sup>2</sup> ) to underside of suspended ground floor beams   |

Refer to current Construction Specification for further details  
Levels between semi-plots may vary. See C.Eng site levels for information.

**NB. 3.6N/mm<sup>2</sup> Blockwork may be used below DPC subject to Divisional Consulting Engineers Approval.**

**Plot 711-712**  
**FFL = 118.050m**  
**TOC = 117.225**  
 \*117.675-450mm to underside beam  
**RAISED D.P.C.** -don't fix any air bricks  
**TANKING+Raised D.P.C**  
**UNDERBUILD** -leave one block down  
 Brick: Forterra special reserve

C1 2025.02.17 GM JJC issued for construction.  
 Rev: Date: By: Checked: Desc:

CONSTRUCTION



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CLIENT: BELLWAY HOMES LTD. (NORTH LONDON)

PROJECT: FORSTER PARK, STEVENAGE (PHASE 2)

WORKING DRAWINGS

TITLE: The Harper Life

1026 ft<sup>2</sup> | 3b Ter / Semi | All Variants

Block Foundation Layout Semi-Detached

SCALE: 1:50@A3 DATE: June 24 DRAWN BY: GM CHECKED: JJC

PROJ No: 5279 DWG No: HP3001-BLK0 REV: C1

**1 Block Foundation Layout**  
1 : 50