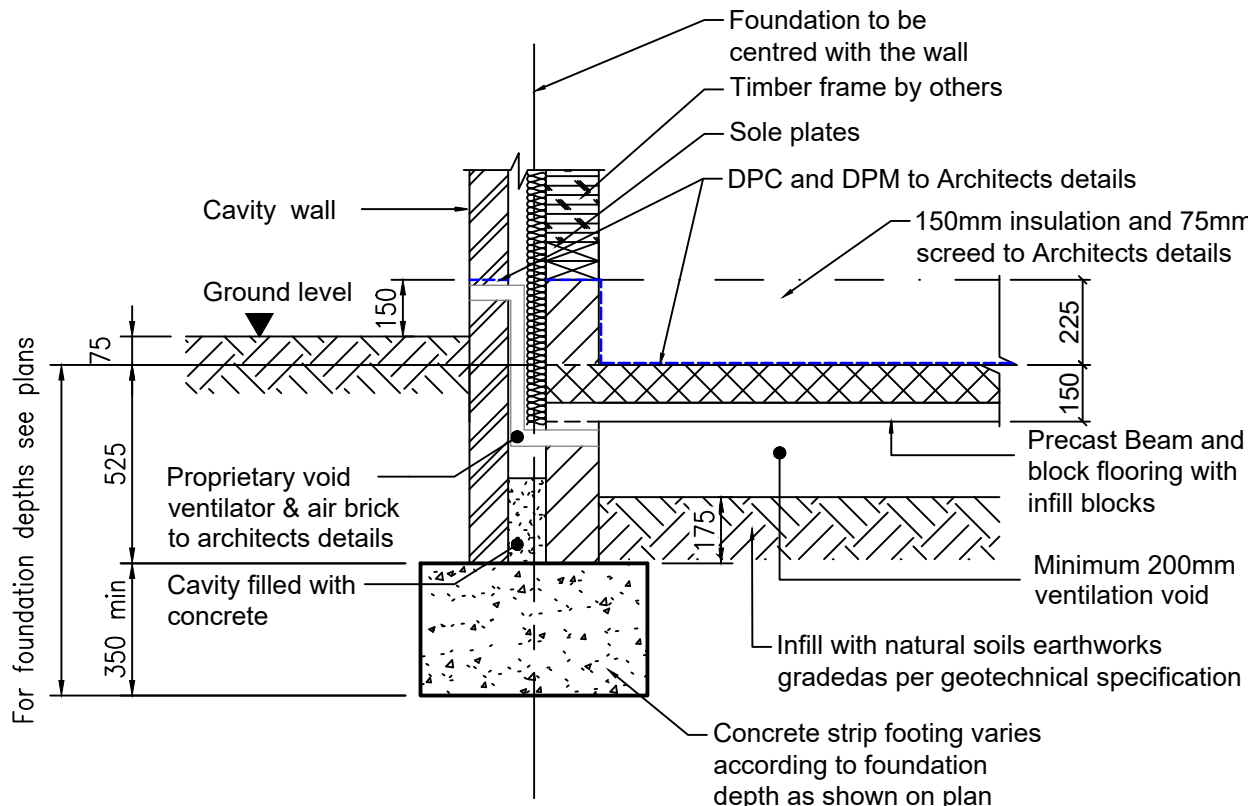
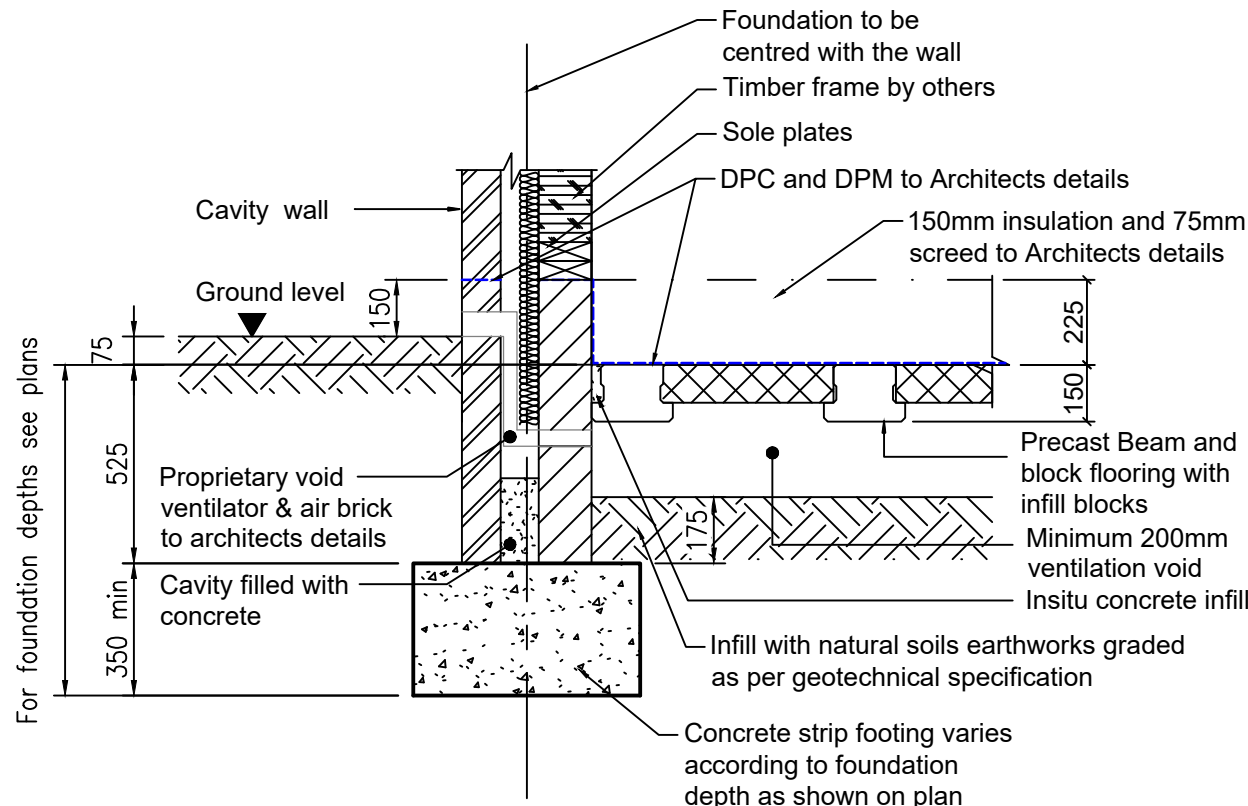




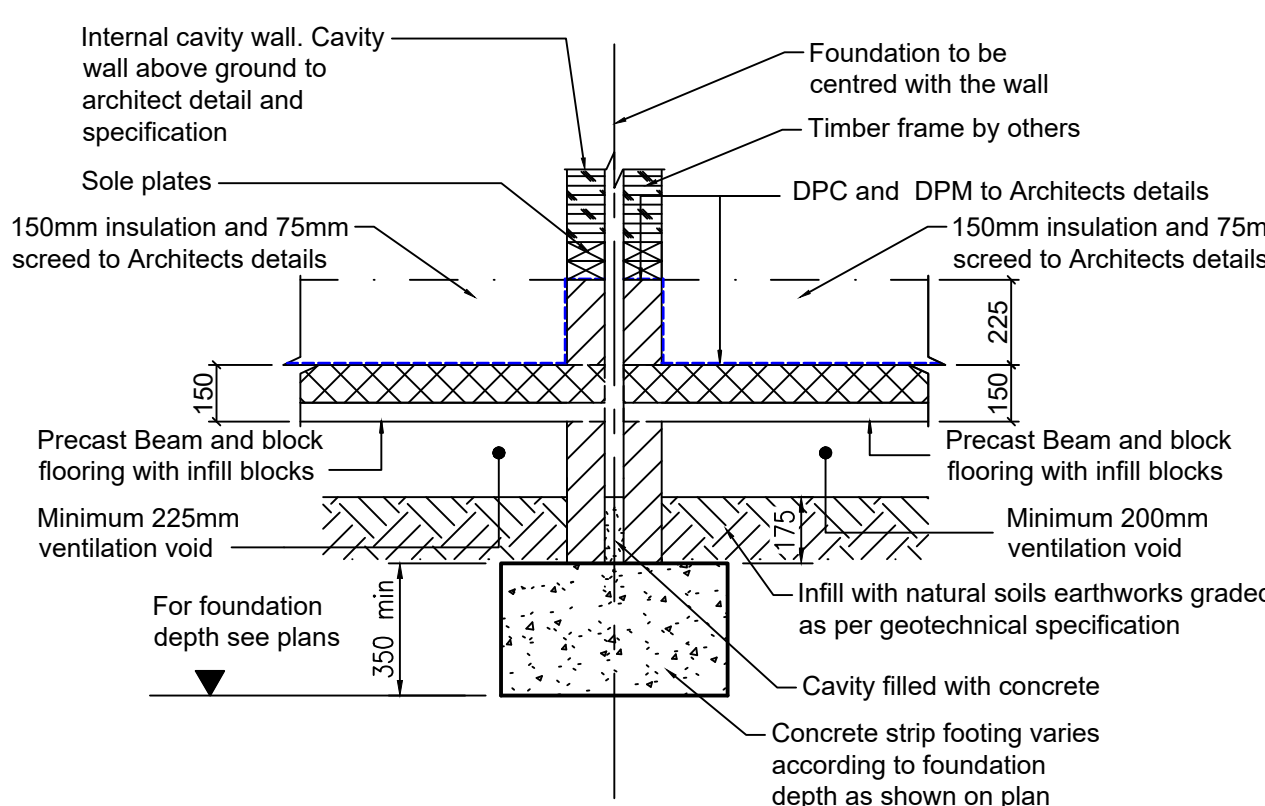
Typical Beam and Block Floor Detail
(Beams perpendicular to external cavity wall)

1:20



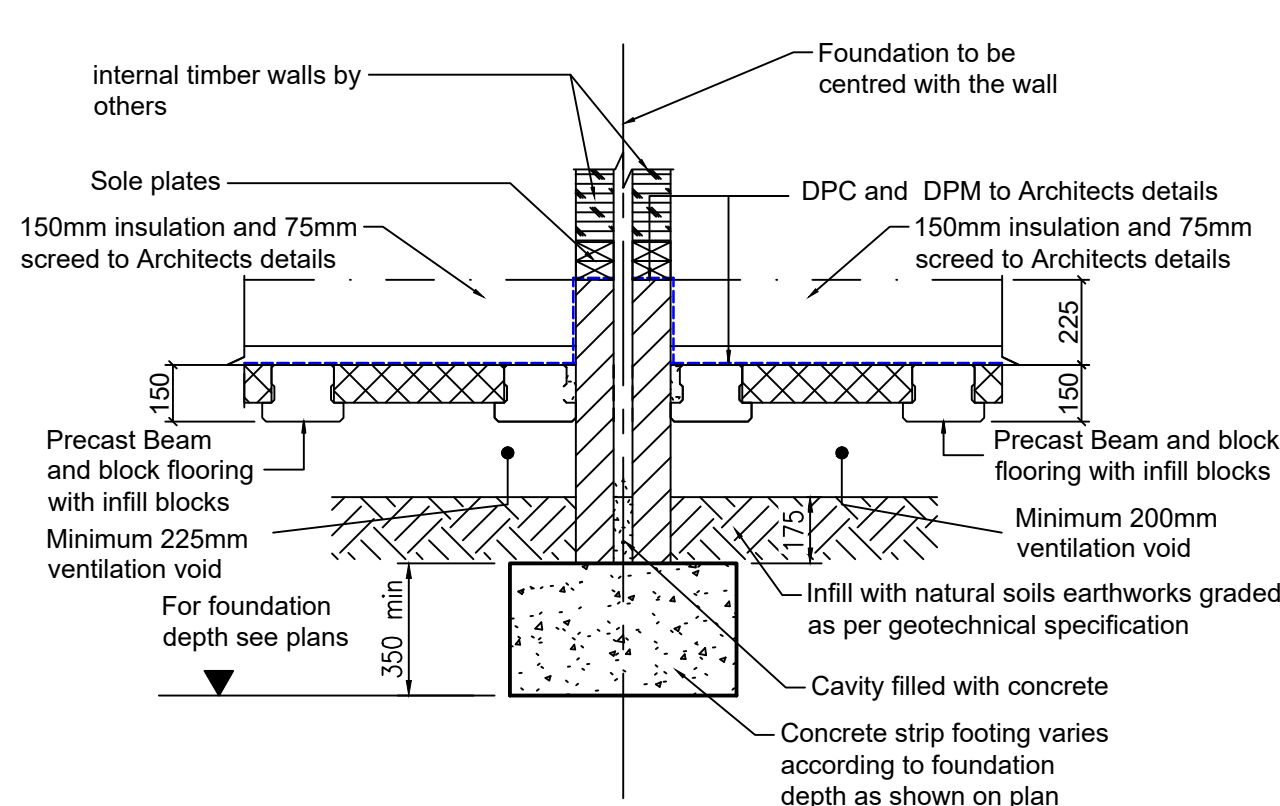
Typical Beam and Block Floor Detail
(Beams parallel to external cavity wall)

1:20



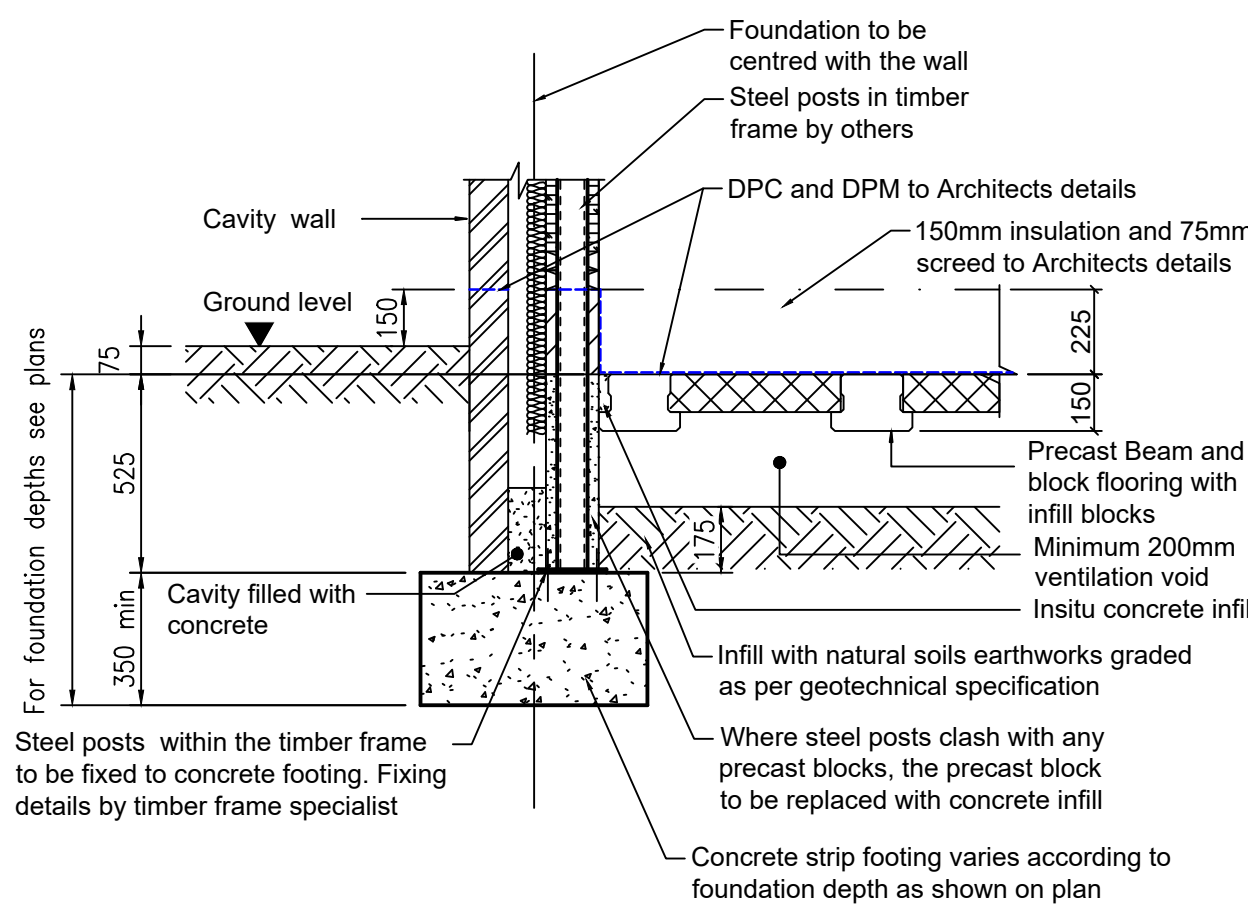
Typical Beam and Block Floor Detail
(Beams perpendicular to internal cavity wall)

1:20



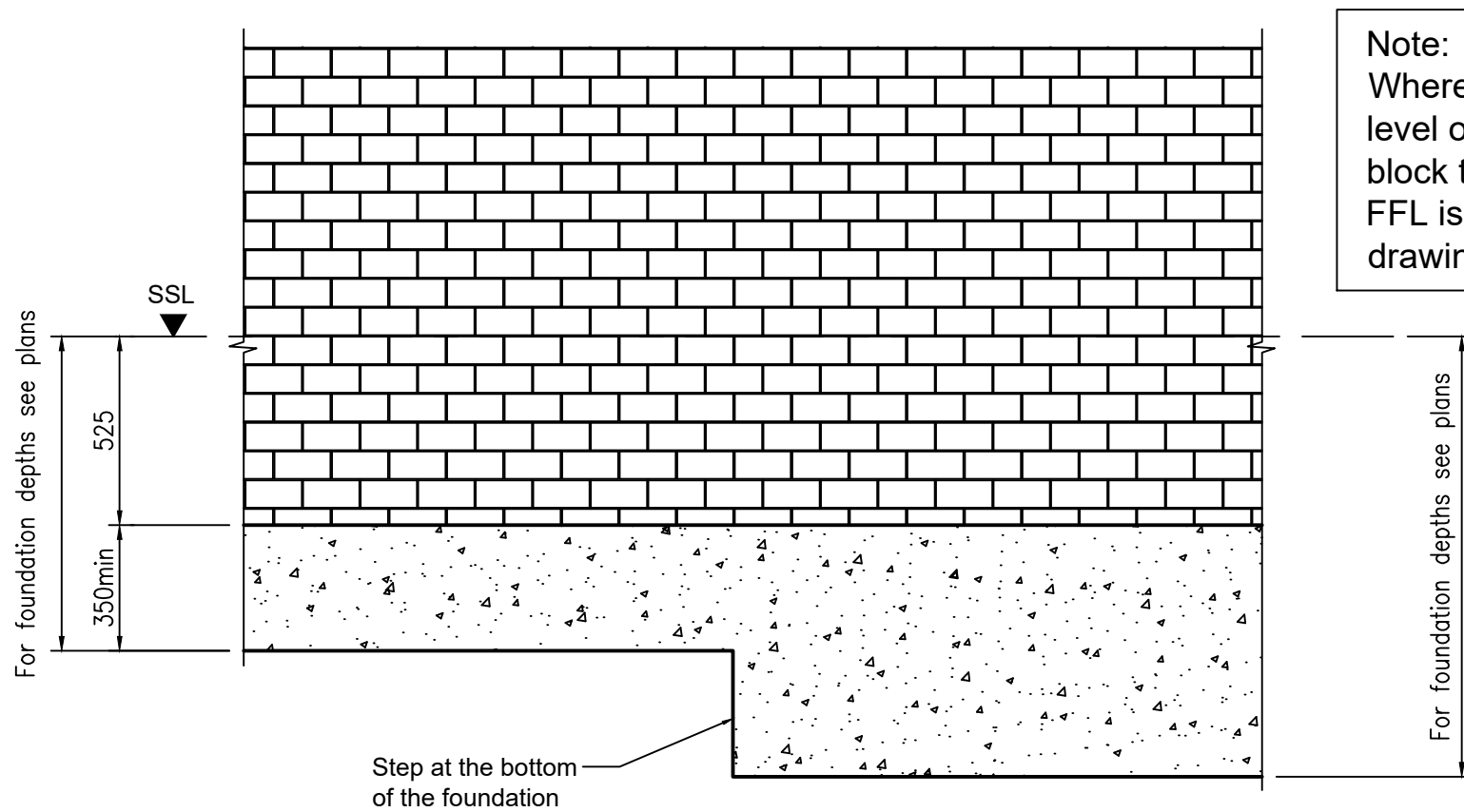
Typical Beam and Block Floor Detail
(Beams parallel to internal cavity wall)

1:20



Typical Location of Steel Posts in the Timber Frame
(Beams parallel to external cavity wall)

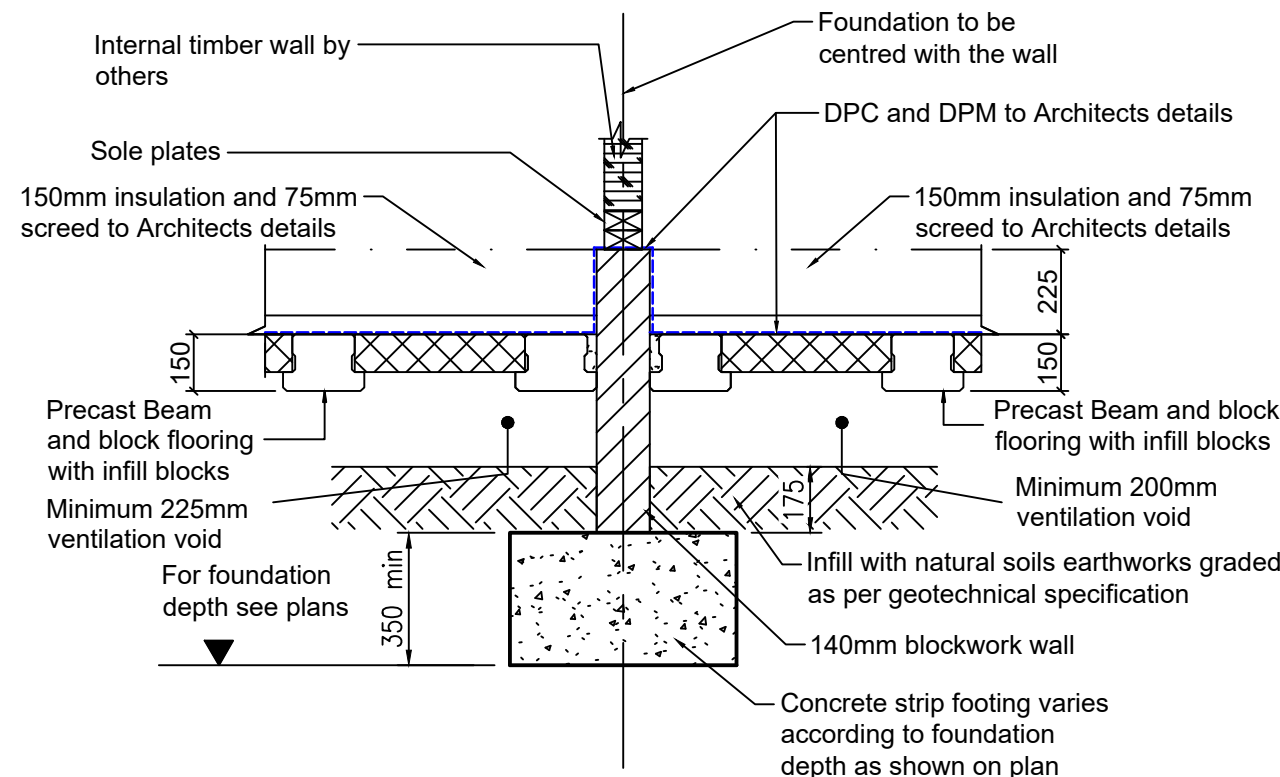
1:20



Detail A
(Typical)

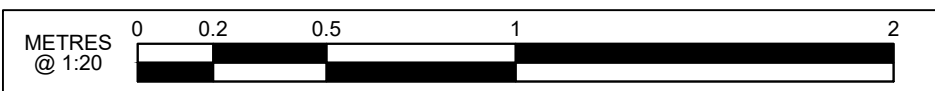
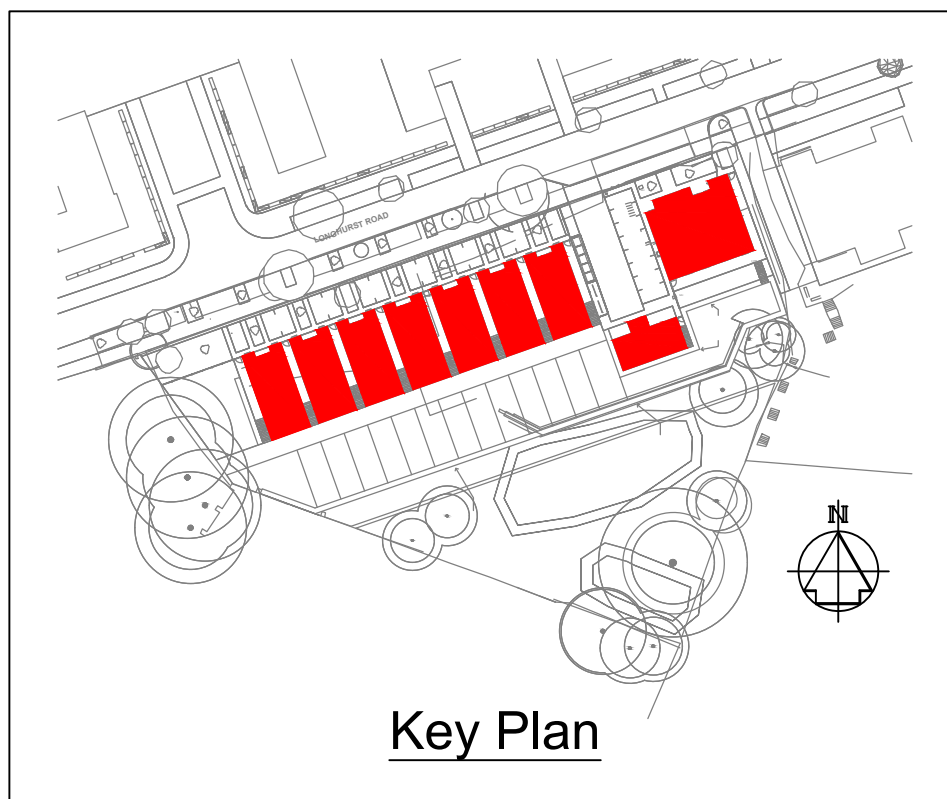
1:20

Note:
Where ground level and FFL are level one additional course of block that finishes 150mm above FFL is required. See Architects drawings for details.



Typical Beam and Block Floor Detail
(Beams parallel to internal timber structural wall)

1:20



General Notes

- G1. Do not scale this drawing.
- G2. Any dimensional discrepancies should be notified to the engineer immediately.
- G3. All dimensions are in millimetres - (mm) all levels are in metres - (m) and are above ordnance datum at newlyn, cornwall unless noted otherwise.
- G4. North shown indicative only
- G5. This drawing is to be read in conjunction with all relevant specifications; drawings; details and other design information.
- G6. All drawings and written material contained within, constitute original and unpublished work of the engineer and may not be duplicated, used, reproduced or disclosed without written consent or express permission from the engineer.
- G7. All information contained in this document is copyright ©
- G8. Were the contractor undertakes or engages a third party to undertake temporary works design, or varies the Pell Frischmann design in any way, then the contractor will take full responsibility and liability for all design aspects, including a design risk assessment. The contractor shall inform Pell Frischmann of any proposed variances to the design.
- G9. Mass concrete strip footing.

Foundation assumptions have been carried out based on the "Geotechnical Design Report - Foundation 106240-PEL-GEN-XX-RP-D-0004" prepared by Pell Frischmann on February 2022 .

Foundation depth to be approved by building control officer on site.

Any foundation to be min 600mm below any sign of tree roots.

For foundations deeper than 1.5m, compressible material is required. Compressible material is not required to internal wall foundations. (Refer to NHBC Chapter 4.2).

Designated class of concrete for foundations is GEN 1.

Design Sulphate Class DS-1.

The aggressive chemical environment for concrete (ACEC) is class AC-1

All DPC/DPM shall be to Architects specification and details, including any gas/radon protection measures if necessary.

The work shall be carried out in accordance with the relevant British and European Standard Codes of Practice. All materials shall comply with the appropriate latest British and European Standard Specifications.

- G10. Bricks below DPC to have a minimum compressive strength of 50N/mm²
- G10. Blocks below DPC to have minimum compressive strength of 7.3 N/mm²
- G10. Mortar below DPC to be sulphate resisting.

G11. For Masonry wall above ground level refer to Architect's detail and Specification

G12. Foundation depth shown on plan to be considered minimum depth from the Structural Slab Level (SSL). Foundation to be centred with wall above.

G21. Drawings to be read in conjunction with Pell Frischmann Concrete Specification 106240-PEF-ZZ-S-P-0001.

CDM Regulations

Hazards	Date added
1. Collapse of excavation formed for the strip footing foundations	17.06.24
2. Possibility of unidentified UXO present	17.06.24
3. Presence of unidentified live buried MEP services	17.06.24
C03 Blockwork compressive strength amended	NRS AM MW MW 17.09.24
C02 New detail added	NRS AM MW MW 02.08.24
C01 Construction Issue	NRS AM ZA MW 17.06.24
P03 Details updated	NRS AM ZA MW 17.05.24
P02 Details removed and new detail added	NRS AM ZA MW 10.05.24
P01 First Issue	NRS AM ZA MW 18.03.24
REV	DESCRIPTION DRN DES CHK APP DATE

Pell Frischmann

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Architect/Client/Contractor

Great Places Housing Group

Project

Longhurst Road, Blackley

Drawing Title

Foundation
Typical Details
Blocks 1 to 9

Drawing Status

CONSTRUCTION

Name	Date	Status Code
NRS	Mar 2024	B1
Designed	AM	Mar 2024
Eng Chk	ZA	Mar 2024
Approved	MW	Mar 2024

Drawing No.

106240-PEF-FD-XX-DR-S-10007