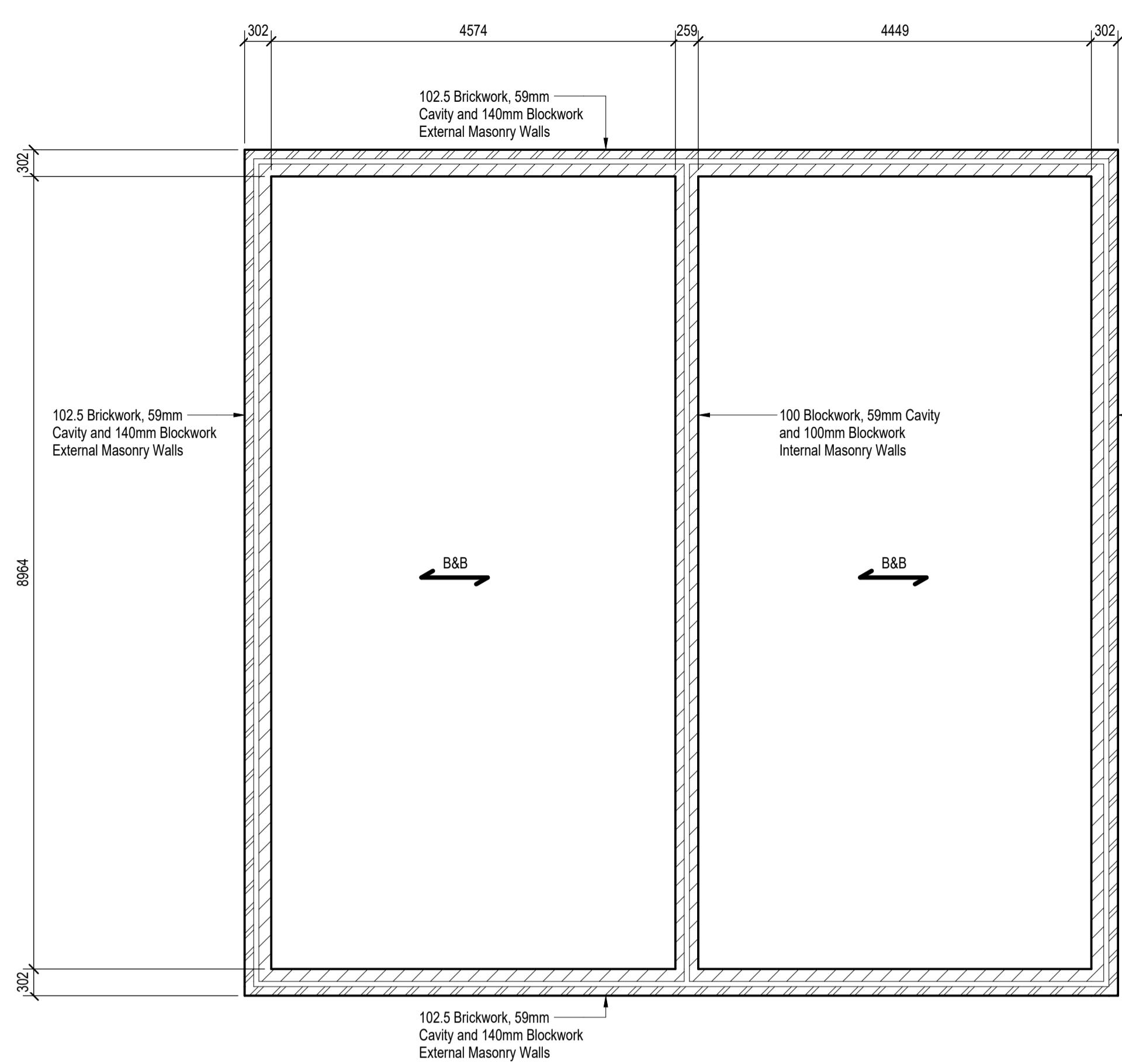


Piled Foundation Plan



Ground Floor Plan

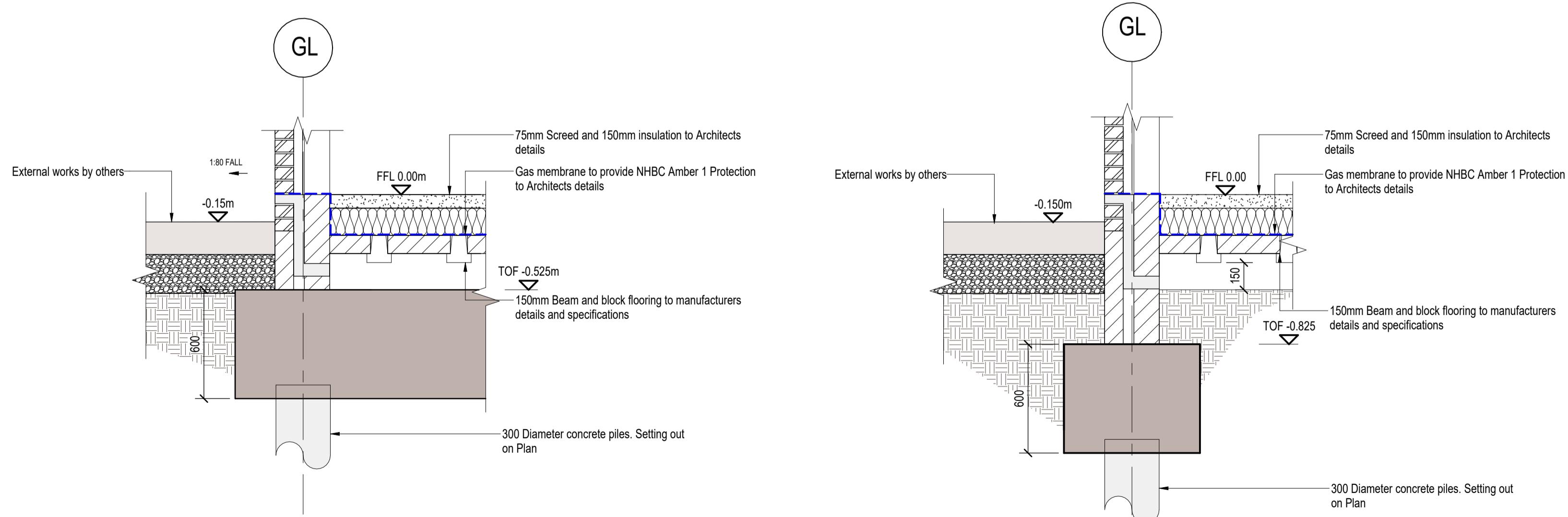
- Notes:**
- This drawing is copyright and property of DICE. This drawing must not be reproduced in part or in whole without prior written Authority.
 - This drawing must not be scaled from; any dimensional discrepancies to be reported to DICE prior to commencing construction and/or fabrication.
 - This drawing must be read in conjunction with all other relevant specification and information prepared by DICE and all Architects and services setting out.
 - All temporary works design and implementation are the responsibility of the Principal Contractor.
 - All ground beams to be set out centrally on walls U.N.O.
 - Ground beam excavations to be blinded with 50mm GEN1 concrete.
 - Concrete for ground beams to be grade RC28/3 with design sulphate class DS-2 and ACEC class AC-2.
 - Nominal cover to be 75mm to bottom face of ground beams, 50mm to top face and sides.
 - Pile details shown on this drawing are indicative only. The piling contractor is responsible for the pile design in accordance with the loading and layout provided by Dice. Piling methodology and diameter are to be agreed between the piling contractor and Dice.
 - All blockwork to be 7.3N/mm² aggregate concrete blockwork.
 - All brickwork below DPC to be class B engineering brick.
 - All brickwork above DPC to Architect's specification with min. 20N/mm² compressive strength.
 - Mortar below DPC to be M6 (iii).
 - Mortar above DPC level to be M4 (ii).
 - Contractor to allow for prestressed concrete lintels where services enter and exit through sub-floor walls.
 - Sub-floor to be ventilated to achieve whichever gives the greater opening area of:
 - 150mm² per metre run of external wall
 - 500mm² per m² of floor area
 - Timber frame to be designed by specialist supplier. Soleplate fixing details to timber frame designer's specification.
 - DPM, DPC and cavity tray details to Architect's specification.
 - All substructure setting out and ground floor/soleplate fixing details to be approved by Timber Frame designer prior to construction.

Key:

150mm Beam and Block Flooring by Specialist Manufacturers. Finishes and Insulation to Architects Details and Specification.

Pile Loading Information:

Safe Working Loads of Piles to be:
Vertical = 450kN
Horizontal = 45kN
Uplift = 30kN



Section 1-1

1 : 20@A1

Section 2-2

1 : 20@A1

Plots 175,184, 205, 206

C01	Construction Issue	NM	JS/SDJ	14.03.24
Rev:	Amendments:	Drawn by:	Chk/App:	Date:
Project: Abbeville Park, Burgess Hill				
Client: Places for People Ltd				
Drawing Title: Holt AS + Cardingham AS without Bay Piled Foundation and Ground Floor Plans				
Drawing Number: Project-Organizer-Volume-Level-Type-Role-Drg no: FBW-DCE-HC-FN-DR-S-1712				
Revision: C01	Status Code: S4	DICE Project Number: 101101	Scale (s): 1:50@ A1;	
Drawn By: NM	Checked By: JSK	Approved By: SdJ	Date: March 2024	
Status: CONSTRUCTION				
0115 952 875 info@diceconsult.co.uk diceconsult.co.uk Design Infrastructure Consulting Engineers 35-37 The Square, Nottingham NG1 1PU				

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