

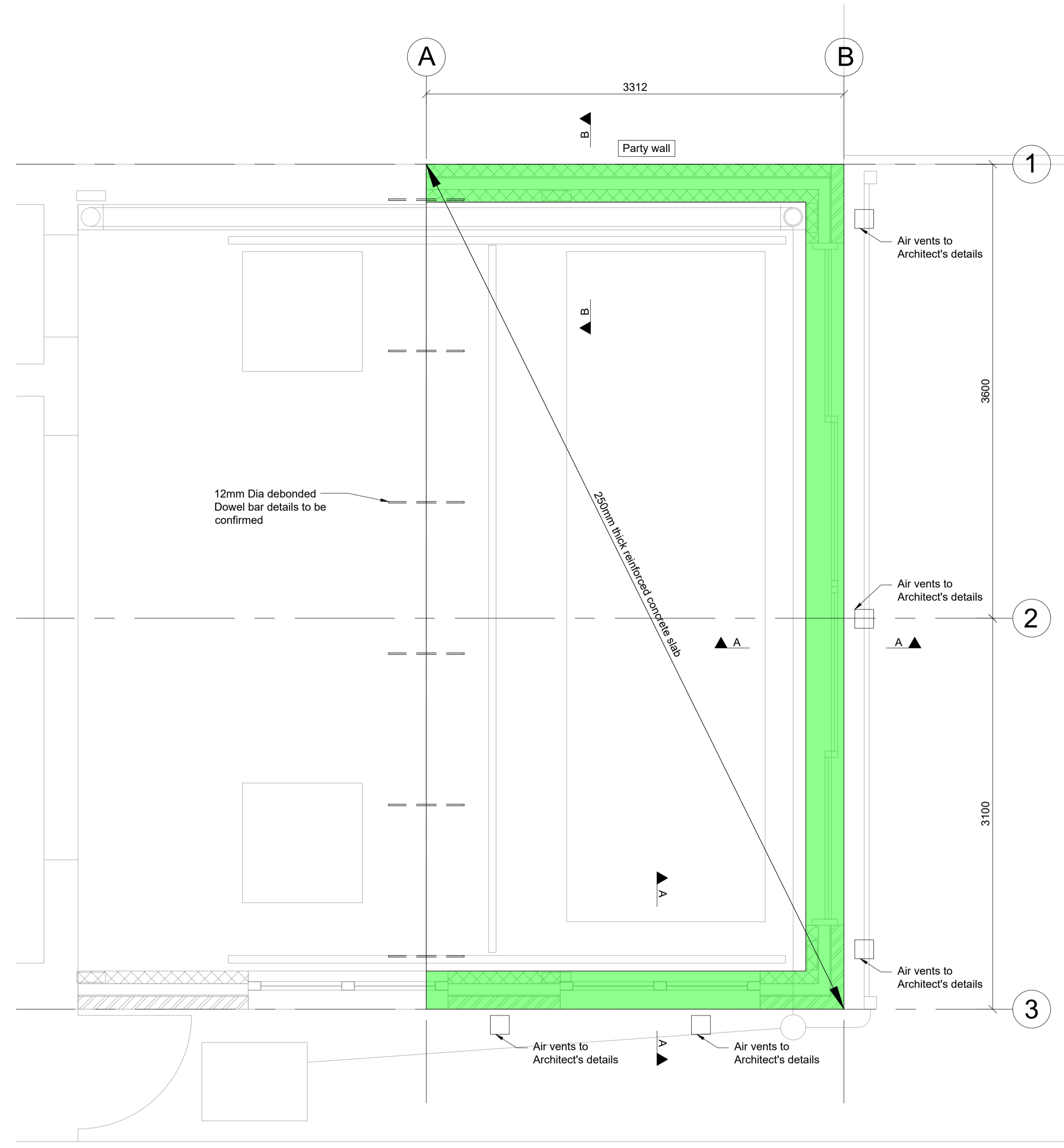
Foundations GA (Pile layout)

Scale 1:25

**Legend:**  
 Indicates 220mm Ø reinforced concrete mini pile

PILE SCHEDULE			
Pile Ref.	Axial Compression (kN)	Axial Tension (kN)	Horizontal Force (kN)
P1	120	N/A	10
P2	120	N/A	10
P3	120	N/A	10
P4	120	N/A	10
P5	120	N/A	10
P6	120	N/A	10

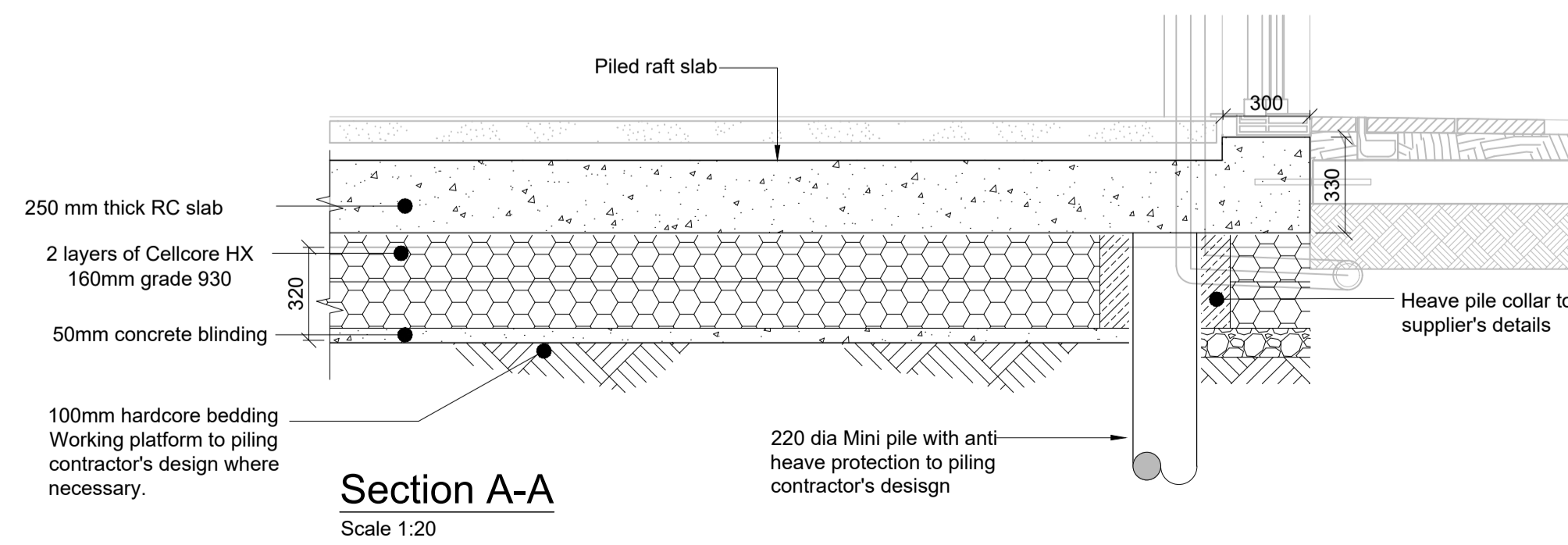
All pile loads are SLS



Ground Floor GA (RC Slab)

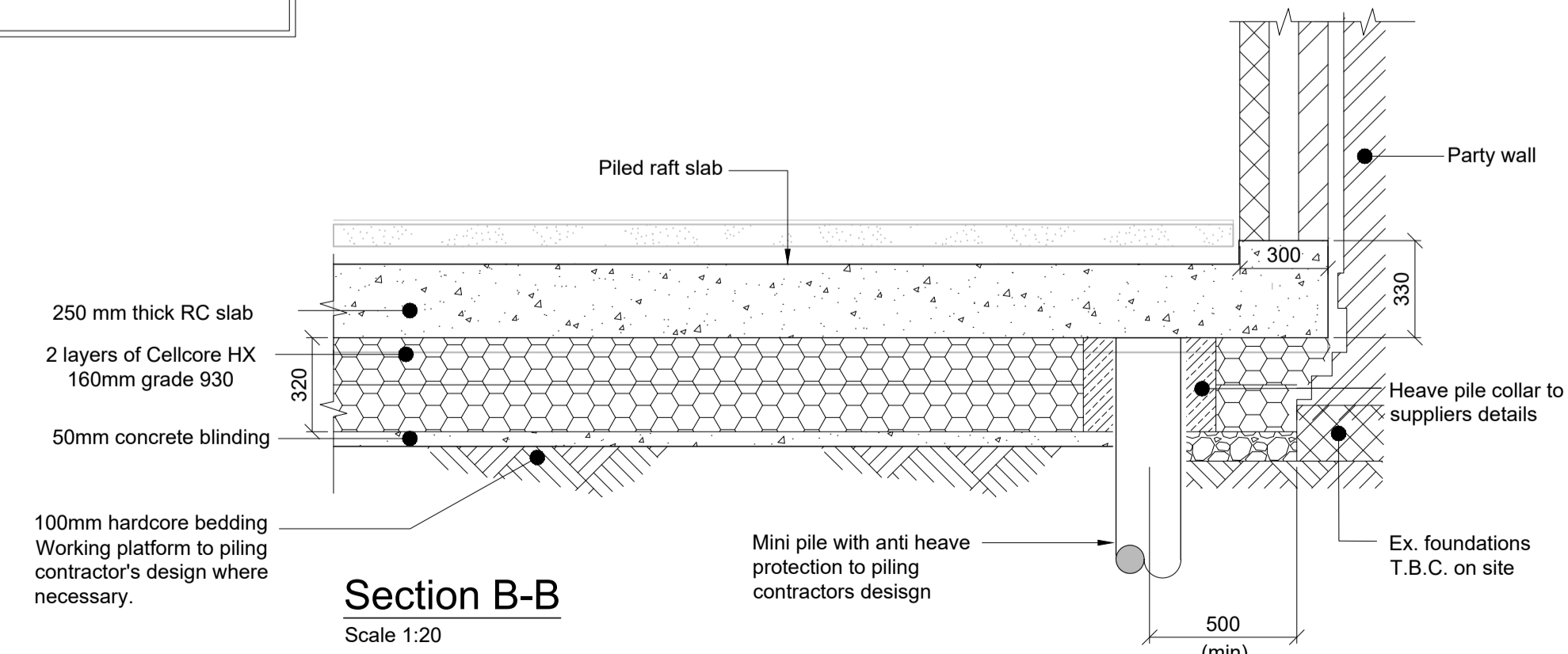
Scale 1:25

**Legend:**  
 Indicates 300(W) x 80mm (DP) reinforced concrete upstand



Section A-A

Scale 1:20



Section B-B

Scale 1:20

**General**

- 1.1 This drawing is to be read in conjunction with all Architect's, Engineer's and Services Engineer's drawings and specifications.
- 1.2 Do not scale from any of the structural drawings. All dimensions to be verified on site and any discrepancies should be highlighted.
- 1.3 The contractor is responsible for the stability of the building and adjoining structures during construction and shall design, install, adapt and maintain all necessary propping and temporary works. A method statement for the temporary works must be submitted to the contractor administrator for comment before work begins.
- 1.4 Fire protection to all structural elements to Architect's details.
- 1.5 All waterproofing to the Architect's details.
- 1.6 All materials to comply with the relevant British Standard.

**Pile Notes**

- 2.1 For Ground condition refer to Herts and Essex Site Investigations report ref: 9852 (Oct 2010).
- 2.2 Piles to Contractor design. Maximum 300 mm Ø CFA or Bored piles (220mm dia proposed).
- 2.3 SWL for piles is assumed to be 120kN at approximate depth of 10m.
- 2.4 It is recommended that the pile cage consist of minimum H16's. B8 helical at 200mm centres (to be confirmed by Contractor Design).
- 2.5 Piles to have 2.5 FOS with working pile test regime, or have 3.0 FOS without pile test.
- 2.6 Piles to be 100% integrity tested along with any local authority requirements.
- 2.7 Piling works to be undertaken in accordance with the ICE specification for piling and embedded retaining walls (2007).

**Concrete**

- 3.1 All materials and workmanship to comply with BS 8110.
- 3.2 All reinforced concrete to be designated grade RC32/40.
- 3.3 Unless otherwise noted the minimum cover to reinforcement is to be 50mm.
- 3.4 All padstones to be constructed in either 30N concrete or 50N (Class B) Engineering brick.

REFER TO CORDEK SPECIALIST SUPPLIER FOR DETAILS OF THE VOID FORMER. CONTACT PAUL HOOD ON: 07384468780 / 01403 799600

REV	COMMENTS	DATE	CHK
P3	Pile location note added	19-06-19	KL
P2	Pile size and slab depth amended	09-06-19	KL
P1	Issued for comments	05-06-19	KL

**PRELIMINARY**



**mason navarro pledge**

Consulting Civil and Structural Engineers

Bancroft Court Telephone: 01462 632012  
 Hitchin Email: office@mnp.co.uk  
 Hertfordshire, SG5 1LH www.mnp.co.uk

CLIENT  
**MR & MRS MCQUAID**

PROJECT  
**121 CANFIELD GARDENS LONDON**

DRAWING TITLE  
**FOUNDATIONS GA, GROUND FLOOR GA AND SECTIONS**

SCALE AS SHOWN @ A1 DRAWN BY GS DATE MAY 2019

DRAWING No. **219124-S-GA 100** P3