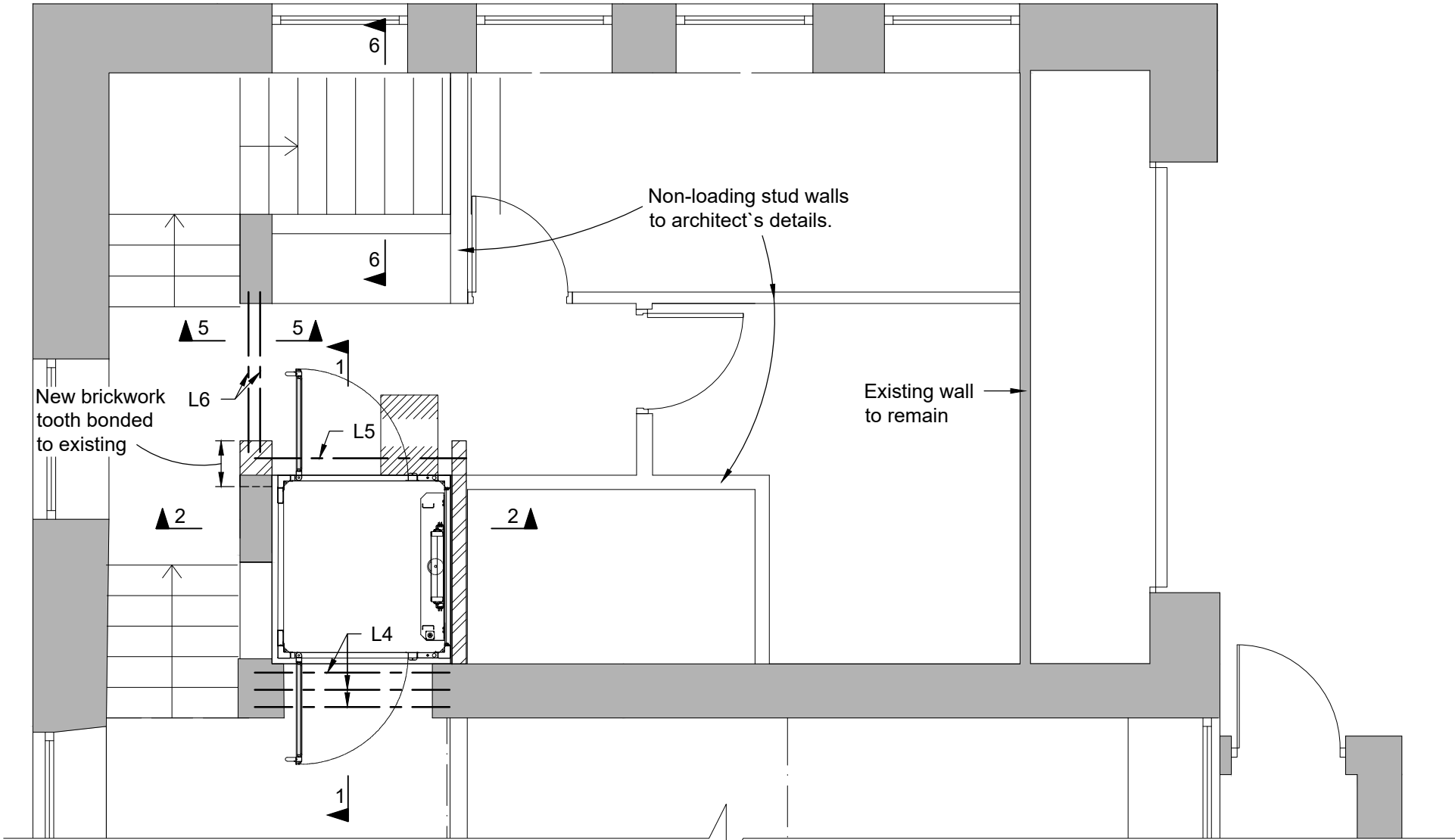




Ground Floor Plan
[Scale 1:50]

Construction Notes:

1. General Notes:

- 1.1. This drawing to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and specifications.
- 1.2. Work to be carried out in accordance with current good practice, Building Regulations and subsequent amendments, the project specification, relevant British Standards and codes of practice. Materials and components to be suitable for their intended use.
- 1.3. For setting out refer to Architects drawings.

2. Masonry Notes:

- 2.1. Masonry: Class B Engineering brickwork & 7.3N/mm² concrete blockwork to be set in 1:3 to 4 (ii) mortar.
All movement joints to Architect's details

3. Concrete Notes:

- 3.1. All concrete to be ready mixed. Designated mixes to BS8500-1:2006 obtained from a depot accredited by Quality Scheme for Ready Mixed Concrete. All workmanship to BS8110 Part 1 Section 6.
Grade RC35: for floor slabs and reinforced concrete. Min cementitious content 280kg/m³, min. w/c ratio 0.6, strength class C28/35.
All grades: nominal max aggregate size 20mm, workability slump class S3.
Reinforcement
Mesh to BS.4483, bars to BS.4449, bent and cut to BS.8666 :2005. Mesh laps 400mm.
Cover -75 to trimmed earth faces, 40 to shuttered faces and to u/s of floor slab, 75 to top faces, u.n.o.

4. Foundations Notes:

- 4.1. Foundation design based on a nett allowable bearing capacity of 100kN/m², to be verified on site and to be approved by the Building Inspector.
All excavations to BS.8000 Part 1.

5. Underpinning Notes:

- 5.1. The Contractor shall identify the exact location of all underground services and drains. The Contractor shall provide any temporary propping, needle beams, planking or strutting etc. necessary to maintain the stability of the existing structure and of the excavations during the course of the works.
- 5.2. All work shall be carried out in accordance with the relevant British Standards and with the Building Regulations. The Contractor shall include for all costs in respect of notifying the Local Authority Building Control Officer and arranging for them to inspect the Work when required by the Building Regulations 1991.
- 5.3. Underpinning pads shall be no longer than 1000mm and shall be excavated by hand. Prior to concreting, the underside of the existing foundation shall be cleaned of all soil and loose material and surface water shall be bailed out.
- 5.4. The Contractor shall follow the construction sequence shown on the drawing.
At least 36 hours shall elapse between concreting one or more pads and excavating for adjacent pads. No more than 25% of any wall length may be excavated at any one time and no two adjacent pads shall be excavated simultaneously. Concrete is to be placed as soon as possible after excavation of each pad.
- 5.5. Concrete shall be C25/30 with a minimum cementitious content of 220 kg/m² and is to be fully compacted with a vibrating poker. Adjacent pads are to be keyed together by casting into each side construction joint, two 20mm dia. dowel bars 600mm long with 100mm side cover, positioned at mid-depth.



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Rev	Description	By	Chkd	Date

Drawing Status:

PRELIMINARY

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&partners

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Client:

High Peak Architects Ltd

Project:

The Mechanics Institute, Whaley Bridge
SK23 7AA

Drawing Title:

Lift Installation Structural Details
- Sheet 2

Drawn By: DB	Checked By: PRG	Date: 01/06/2023	Scale: 1:50 on A3
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Drawing No:
D26536-102

Revision:
P1