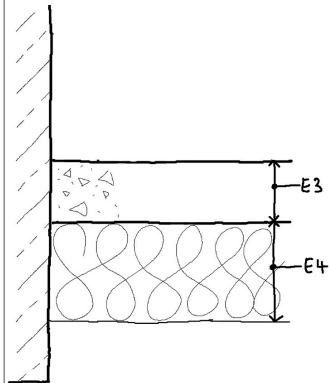


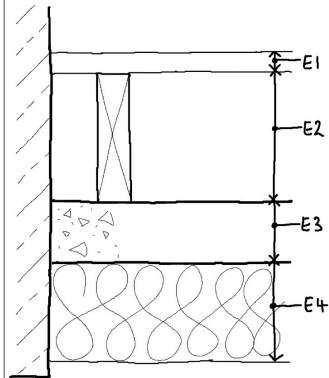


**S1a - Existing Slab**

- E3 - Variable thickness (40 – 100mm) screed (almost certainly cement) – To be demolished
- E4 - Expanded foam insulation at least 100-130mm thick – To be demolished

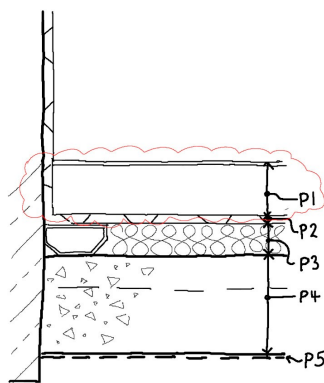
**S1b - Existing Slab**

- E3 - 150mm thick screed (almost certainly cement) – To be demolished
- E4 - No insulation present, potential sand layer – To be demolished



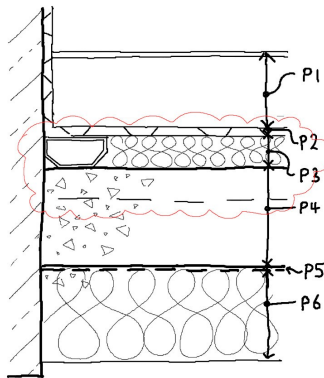
**S2 - Existing Slab**

- E1 - 30mm thick chipboard floor – To be demolished
- E2 - 200mm deep timber joists with loose file insulation between – To be demolished
- E3 - Assumed variable thickness (40 – 100mm) screed (almost certainly cement) – To be retained
- E4 - Assumed expanded foam insulation at least 100-130mm thick – To be retained



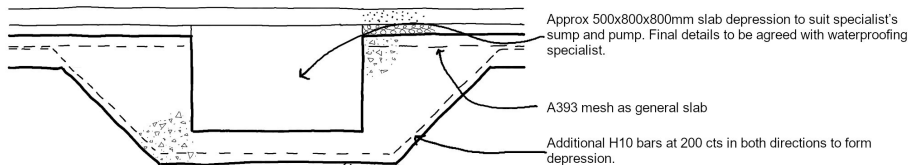
**S1a/b Proposed Slab**

- P1 - Floor finishes by others
- P2 - Drained floor cavity layer by others
- P3 - 50mm void former and perimeter drainage channel by others
- P4 - 150mm thick structural concrete slab with 1 layer of A393 mesh
- P5 - Pre applied membrane to slab including polymer waterstop and puddle flanges to penetration by others



**S2 - Proposed Slab**

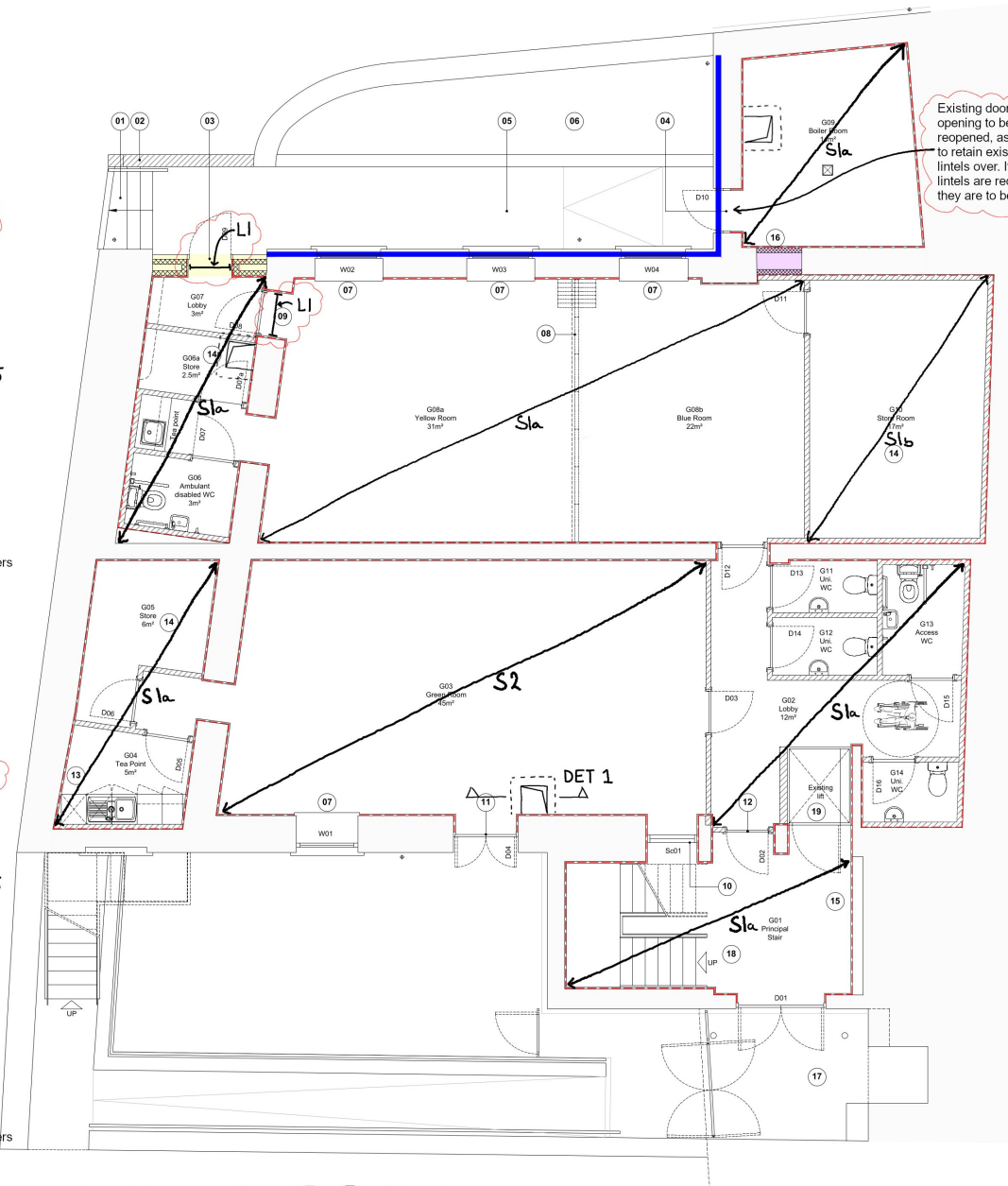
- P1 - Floor finishes by others
- P2 - Drained floor cavity layer by others
- P3 - 50mm void former and perimeter drainage channel by others
- P4 - 150mm thick structural concrete slab with 1 layer of A393 mesh
- P5 - Pre applied membrane to slab including polymer waterstop and puddle flanges to penetration by others
- P6 - Existing construction to be retained



**Detail 1-1**

#### Lintels

- L1 - New openings to have precast concrete lintels full width of wall to contractors design, allow for 140mm deep.



Existing door opening to be reopened, assumed to retain existing lintels over. If new lintels are required, they are to be as L1.

#### NOTES

- This drawing is copyright and may not be reproduced without the permission of Mann Williams.
- All drawings are to be read in conjunction with the project specification with all works carried out in accordance with the latest British Standards and codes of practice.
- Any ambiguities or discrepancies between this drawing and any other information given elsewhere must be reported to Mann Williams for clarification before work commences.
- All dimensions to be checked on site and any discrepancies reported to the engineer before work commences.
- Only figured or calculated dimensions should be used and no drawing, in any format should be scaled.

| REV | DESCRIPTION              | BY | DATE       |
|-----|--------------------------|----|------------|
| P1  | First Issue              | TM | 02/02/2026 |
| P2  | Lintels and screed added | TM | 16/02/2026 |
| P3  | Sump detail added        | TM | 19/02/2026 |
| P4  | Issued for RIBA 4        | TM | 25/02/2026 |

P-PRELIMINARY T-TENDER C-CONSTRUCTION

PROJECT  
**Canolfan Soar**

TITLE  
**Lower Ground Floor Slab Proposals**

**MANN WILLIAMS**  
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| DRAWN         | CHKD    | SIZE | SCALE | DATE    |
|---------------|---------|------|-------|---------|
| TM            | ...     | A3   | 1:200 | Feb '26 |
| STATUS        |         |      |       |         |
| <b>RIBA 4</b> |         |      |       |         |
| PROJECT       | DRAWING | REV  |       |         |
| 11899         | SK_04   | P4   |       |         |