



KEY

- Existing floors to be retained
- Existing floors to be strengthened / repaired by augmenting existing or adding new elements.
- Proposed new or replacement floors
- Existing beams / lintels
- New beams
- One way spanning
- Two way spanning

MEMBER SCHEDULE

REFER TO MANN WILLIAMS DRAWING 101 FOR THE RELEVANT MEMBER SCHEDULE

Allow for excavating 200mm depth of existing fill material and replace with MOT Type 1 to underside of proposed floor buildup.

Allow for replacing existing steel UB lintels with 3No. L1 lintels and 1No. 100W x 215D stainless steel angle lintel (Catnic or similar approved).

Pad footings to be constructed onto existing masonry wall under. Allow for localised dismantling to permit construction of foundations.

Existing timber lintels for rectangular windows over are in very poor condition and locally failing, one lintel fell out during opening up works. The retained masonry over appears sound but is poorly supported therefore lintels need to be replaced. Allow for replacing existing timber lintels with 3No. L2 lintels.

2No. 50W x 200D (C24) Timber beams bolted together with vertical pairs of coach Bolts @ 400mm C/C to support flight and landing. Beam to be built into pocket in the existing masonry, and supported on new steel beam.

Beam to support quarter landing below.

Stair flight supported on cantilevered end of beam.

PLAN

1:50

4

SECOND FLOOR

1:50

PLAN

1:50

3

FIRST FLOOR

1:50

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 proceeds.
- 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.

CDM RESIDUAL STRUCTURAL AND ENVIRONMENTAL RISKS



- Risk of undermining existing wall footings during excavations for lift pit.

In accordance with the Contractors (Design & Management) Regulations 2016, Mann Williams has undertaken a design risk assessment for the elements of work shown on this drawing, residual risks are identified above.

REV	DESCRIPTION	BY	DATE
P1	PRELIMINARY	JB	28.02.24

P-PRELIMINARY T-TENDER C-CONSTRUCTION

MERTHYR TYDFIL SYNAGOGUE

PROPOSED FIRST FLOOR & SECOND FLOOR GENERAL ARRANGEMENT

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DRAWN	CHKD	SIZE	SCALE	DATE
JB	PR	A1	1:50	27.02.2024

STATUS

PRELIMINARY

PROJECT	DRAWING	REV
9684	102	P1