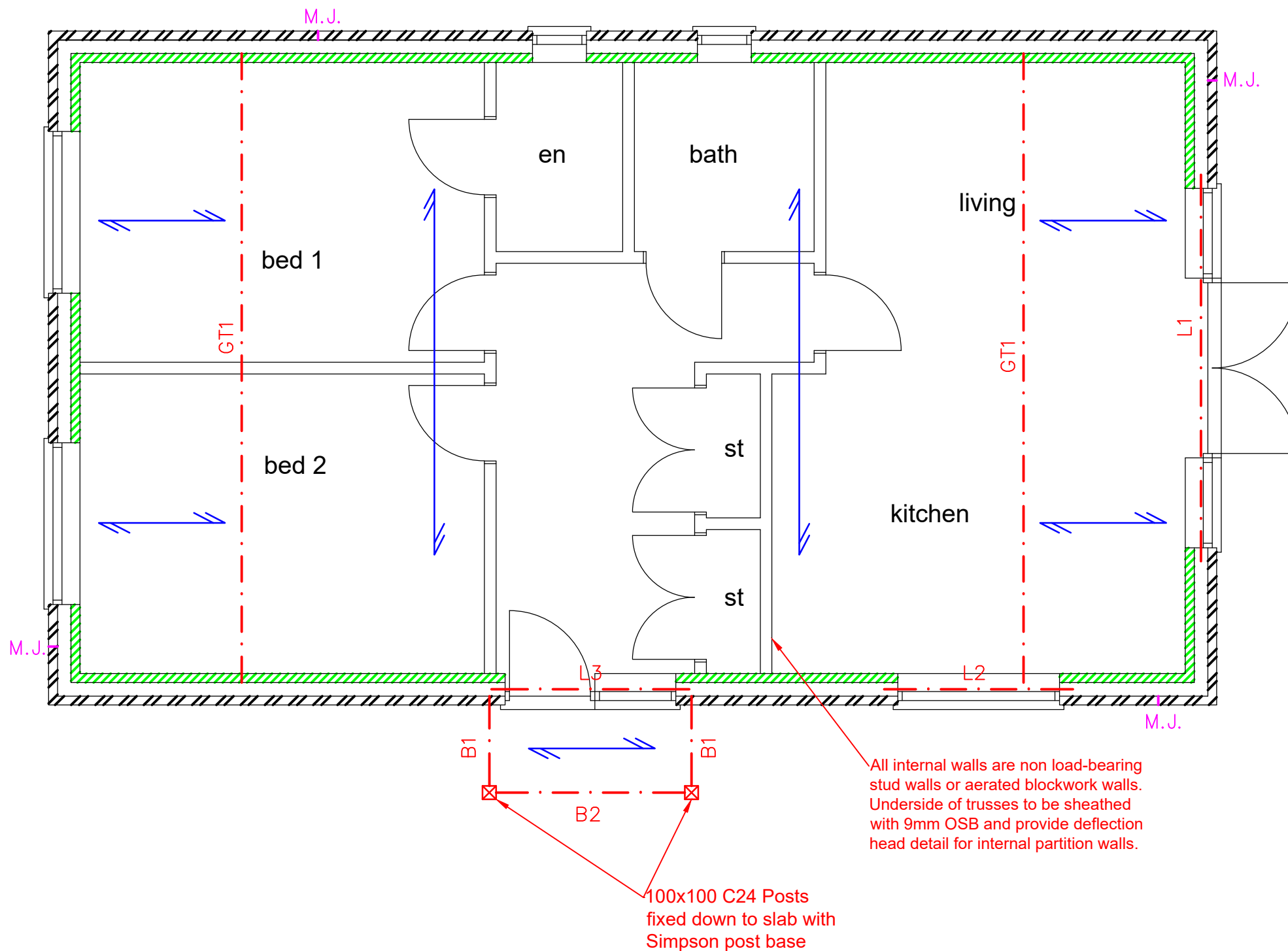




NOTES:

1. This drawing is to be read in conjunction with all relevant Engineers' drawings.
2. All dimensions are in millimetres unless noted otherwise.
3. The Contractor is responsible for setting out and for checking dimensions. Any discrepancies should be reported to the Engineer.
4. In accordance with CDM Regulations 2015 the Contractor is to :
 - Notify HSE of works.
 - Comply with the requirements of Health & Safety Plan
 - Provide risk assessments and method statements for all potential hazardous works indicated on this drawing.
5. This drawing is based on measurements taken on site and may not be fully accurate (Do not scale off drawing).
6. Any structural elements which were obscured or otherwise not visible during the time of the inspection but do become apparent during construction should be notified to the engineer especially if they differ from the assumptions on this drawing.
7. It is recommended that beams should be bolted down to padstones each end with M8 bolts.
8. All steel beams to be minimum grade S275, primed with Zinc epoxy or similar primer.
9. All new inner leaf blockwork to be min. 3.6N blockwork with M4(iii) mortar. All new walls to be tied to existing masonry walls with wall starter ties.
10. All new external wall lintels to be Catnic CG150/100 Cavity Lintels with 150mm bearing each end, unless noted otherwise.
11. All internal lintels to be Naylor 'ER1' 100x65 precast concrete lintels with min. 100mm bearing each end, unless noted otherwise.

THE PRINCIPAL CONTRACTOR IS TO PROVIDE AND FIX SUITABLE BRACING AND PROPPING FOR ALL ELEMENTS IN THE TEMPORARY CONDITION DURING THE CONSTRUCTION STAGE, SO AS TO ENSURE STRUCTURAL STABILITY AT ALL TIMES. WHERE THE CONTRACTOR IS UNSURE OF WHAT TO PROVIDE, HE SHOULD CONTACT THE ENGINEER FOR FURTHER GUIDANCE.

Beams:

–B1/B2 = 2No. 44x147 C24

Lintels:

–L1 = Catnic CX150/100 Extra Heavy Duty Cavity Lintel

–L2/L3 = Catnic CH150/100 Heavy Duty Cavity Lintel

Note: All beam and lintel sizes are subject to approval of planning drawings and to be finalised after receipt of architects construction drawings.

KEY:

- TRUSSED ROOF OVER (To be designed and detailed by truss manufacturer)
- L1 LINTEL OVER
- B1 BEAM OVER
- GT1 GIRDER TRUSS OVER (Indicative position shown – to be designed and specified by truss manufacturer)
- M.J. Suggested movement joint position to be formed with Ancon PPS ties between the joint (to be agreed with architect). Joints to be typically 16mm wide at max. 12m c/c spacing with waterproof flexible sealant to architects spec.

Title:

PROPOSED GROUND FLOOR LAYOUT
STRUCTURAL G.A. SUMMARY
(Ground floor support walls showing structure over)

Job No: 240913

Job: NEW DWELLING AT BIRCHWOOD GARDENS, HEDGE END,SOUTHAMPTON.

Date: DEC '25

Drawn: AD

Checked: -

Scale: N.T.S

Drg No: 240913/101P

Status: PRELIMINARY

Rev - P

AD Civil & Structural Engineers

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