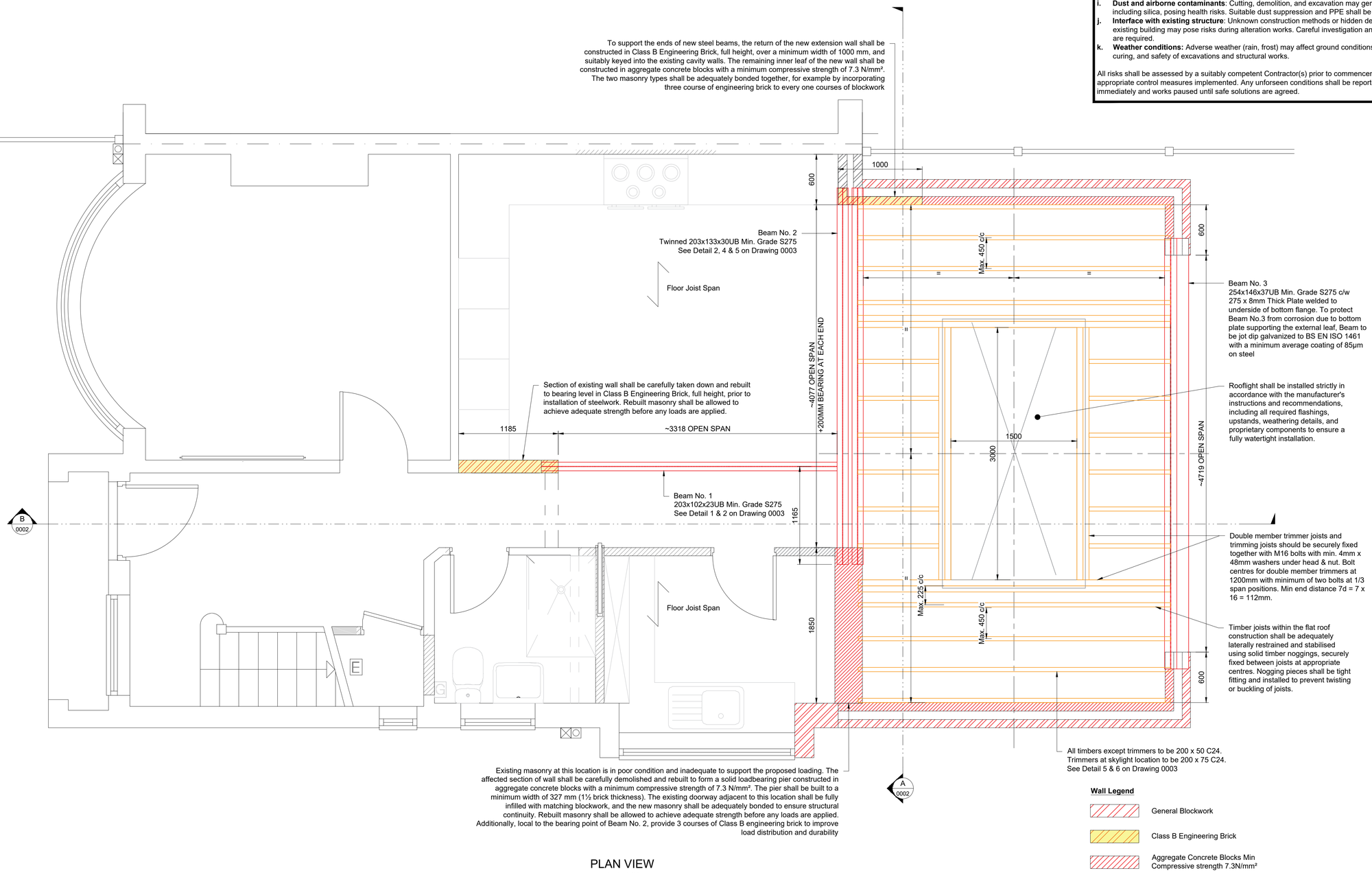


PLAN VIEW
Scale 1:25

Health, Safety and Environment Information.
Notes below are additional to hazard/risks normally associated with this type of work:

All works shall be carried out with due consideration to health and afety in accordancee with the CDM Regulations 2015, and the following key risks shall be identified, managed, and mitigated by the contractor:

a. **Structural Instability Risk**: Temporary loss of support during removal of loadbearing elements (e.g walls / chimneys) may lead to partial or full structural collapse. Adequate temporary works (e.g props, needles) mst be specified and installation prior to alteration.
b. **Incorrect installation of steel beams (RSJs)**: Risks include inadequate bearing, misalignment, insufficient end support, or omission of padstones, which may result in structural failure. All steelwork shall be installed in accordance with structural engineer's details and inspected prior to loading.
c. **Inadequate temporary works:** Failure or improper installation of propping systems during construction may cause sudden collapse. Temporary works and sequencing must be planned and implemented by a competent person.
d. **Ground instability and excavation collapse**: Excavations for foundations may undermine or collapse adjacent structures or services. Suitable excavation support and safe working practices must be adopted.
e. **Service strikes**: Risk of damaging existing underground or concealed services (gas, electric, water, drainage) during excavation or structural alterations. All services must be identified prior to works commencing.
f. **Manual handling injuries**: Lifting and positioning heavy steel beams and materials may result in injury. Mechanical lifting equipment and safe handling practices shall be used.
g. **Working at height**: Installation of beams and associated works may require working at height, posing risk of falls. Appropriate access equipment (e.g scaffolding, platforms) must be provided.
h. **Fire risk**: Hot works (cutting, welding) associated with steel installation may present a fire hazard. Hot works procedures and fire prevention measures must be implemented.
i. **Dust and airborne contaminants**: Cutting, demolition, and excavation may generate dust, including silica, posing health risks. Suitable dust suppression and PPE shall be used.
j. **Interface with existing structure**: Unknown construction methods or hidden defects in the existing building may pose risks during alteration works. Careful investigation and monitoring are required.
k. **Weather conditions:** Adverse weather (rain, frost) may affect ground conditions, concrete curing, and safety of excavations and structural works.

All risks shall be assessed by a suitably competent Contractor(s) prior to commencement, and appropriate control measures implemented. Any unforseen conditions shall be reported immediately and works paused until safe solutions are agreed.

Notes:
It is the Contractors responsibility to communicate the information contained within this design to all relevant parties.

1. All dimensions are in millimetres (mm) unless noted. Elevations are in m AOD. DO NOT SCALE FROM THIS DRAWING, USE FIGURED DIMENSIONS ONLY.
2. UNLESS THE REVISION OF THIS DRAWING IS DENOTED BY THE PREFIX C THEN THIS DRAWING IS NOT FOR CONSTRUCTION.
3. These drawings are intended to present the structural requirements only and do not include the level of detail typically associated with architectural working drawings. Where no separate architectural drawings are provided, the Contractor shall be responsible for coordinating all dimensional setting out, construction detailing, and finishes, and for ensuring compliance with the Building Regulations. Any discrepancies, omissions, or uncertainties shall be brought to the attention of the Designer or Structural Engineer prior to construction.
4. The Contractor shall be responsible for verifying all dimensions on site prior to the ordering, fabrication, or installation of any structural steelwork. No dimensions shall be scaled from drawings. All critical dimensions, including opening sizes, bearing lengths, levels, and interface with existing structure, shall be checked and confirmed against site conditions.
5. All structural steelwork shall be grade S275 in accordance with BS EN 10025, unless noted otherwise on the drawings or structural engineer's details. Steel sections shall be fabricated and installed in accordance with relevant British Standards and good practice. Protection unless otherwise stated shall comprise a minimum shop-applied primer coating system suitable for internal, dry conditions, such as heated residential buildings with negligible moisture exposure.
6. Provide lateral restraint straps at floors and roof levels in accordance with Approved Document A.
7. Welding of connection details and bottom plate of beam No.3 shall be carried out in accordance with BS EN 1090_2:2018.
8. Masonry shall be constructed using mortar appropriate to the exposure and loading conditions (typically M4 designation unless noted otherwise).

Rev	Description	Drawn	Des	Chkd	Date
A01	For Approval	CS	CG	CS	31/05/2026

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PROJECT
10 ABBERTON ROAD

DRAWING TITLE
SINGLE STOREY REAR EXTENSION & INTERNAL ALTERATIONS
PLAN VIEW

SCALE (A1)
VARIES

STATUS
FOR APPROVAL

DRAWING NO.
000101-LFC-PW-XX-DR-W-0001

REV.
A01