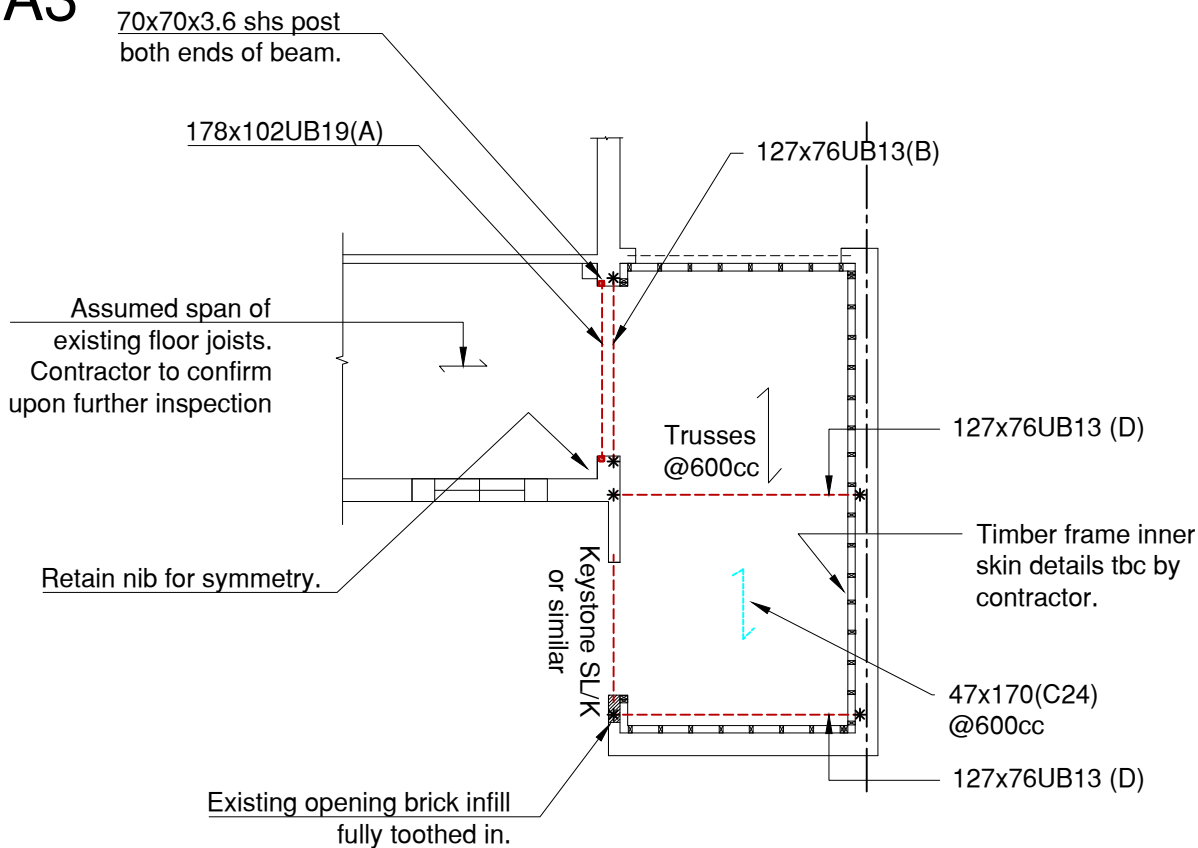


A3



PARTIAL PROPOSED GROUND FLOOR PLAN

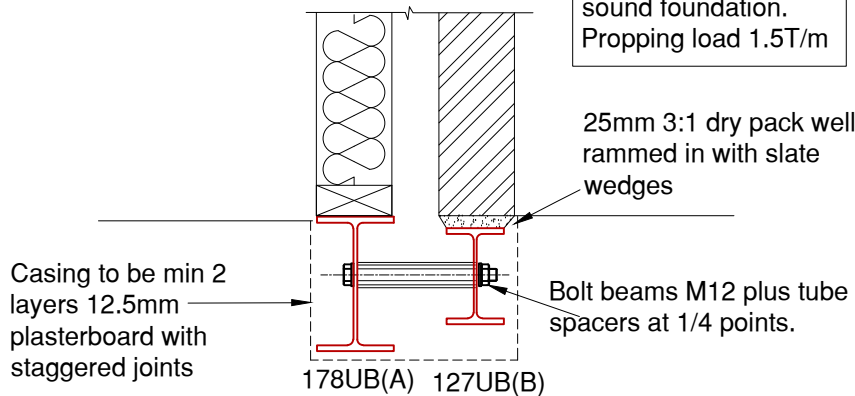
The following calculations have been prepared for Building Regulation purposes only. Setting out of beams, head room clearances, room dimension etc to be checked and confirmed on site by contractor prior to work commencing.

Exact foundation details tbc.

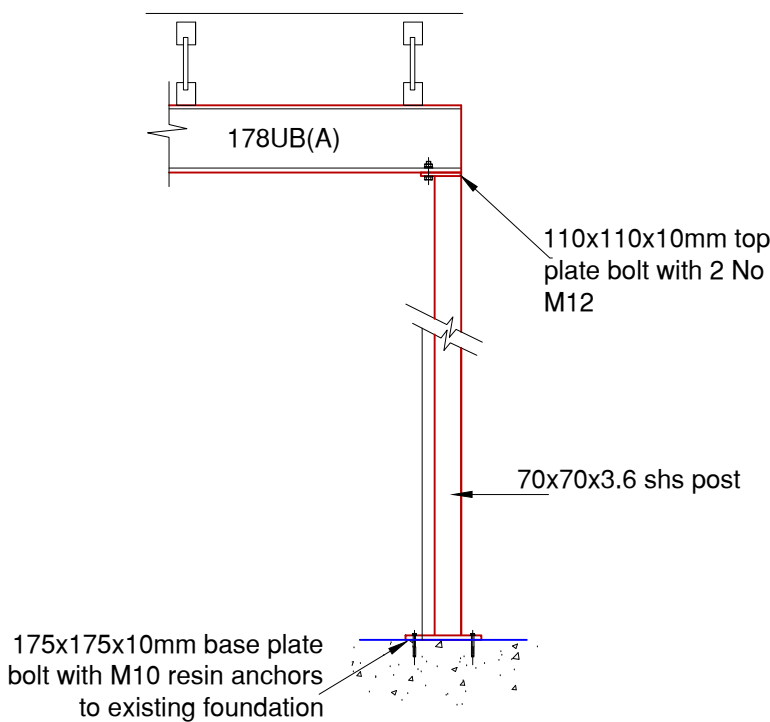
Exact dimensions to be taken on site.

* Use 2-3 courses of Engineering brickwork as padstone.

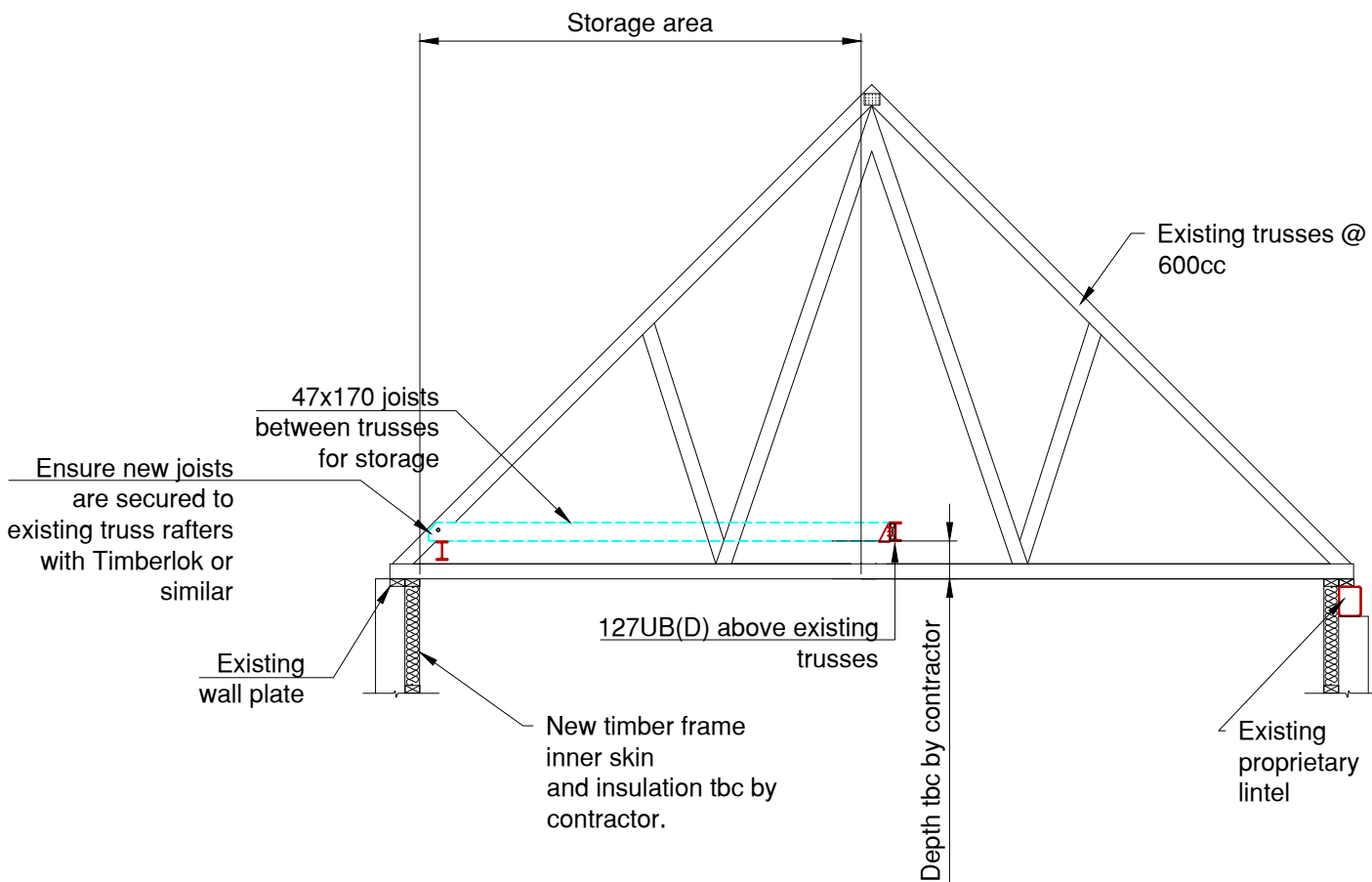
NOTE: Wall to be needled and shored to sound foundation. Propping load 1.5T/m



BEAM DETAIL



POST & BEAM A CONNECTION



CROSS SECTION THROUGH GARAGE ROOF

NOTES:

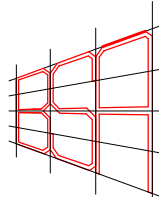
1. Do not scale from this drawing. Use only dimensions shown and those on the Architect's drawings.
2. Any discrepancies between this drawing and those of the Architect to be reported immediately.
3. All steelwork to be painted 75um Zinc Phosphate or other primer except concrete encased beam which is to be unpainted. Steel within the cavity to receive additional coat of bituminous paint.
4. Concrete to foundations to be GEN1. For padstones use RC35.
5. Min bearing for proprietary lintels to be 150mm.
 - 5.1. For beams supported on walls perpendicular to the beam min bearing to be the full width of the padstone.
 - 5.2. For beams parallel to the supporting wall bearing to be half the length of the padstone or 150mm whichever the longer.
6. All work and construction details to be in accordance with the Building Regulations and current best practice.
7. Prior to removing loadbearing walls ensure that structure over is fully propped down to a secure footing. Laterally brace props.
8. Steel weight in kg/m shown at the end of steel mark up.
9. Contractors to comply with manual handling CDM regulations.
10. All shs/rhs posts to grade S355.
11. For foundations deeper than 1m consult with Health and safety guidance.
12. Steel beam bearing onto full block in blockwork.

C

If anything untoward becomes noticeable once work begins, notify the Engineer.

Due to the nature of this work there are probable risks of cracking above & surrounding the construction. This is to be made good on completion.

REV	DATE	AMENDMENTS	BY



**BUILDING
STRUCTURES
ASSOCIATES**

Consulting Civil & Structural Engineers

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PROJECT:

12 BRODFORD WAY

TITLE:

STRUCTURAL DETAILS -1

SCALE:	DRAWN BY:	DATE:	PROJECT No:	DWG NO	REV:
nts	NS	25/9/25	BSA 25131	101	