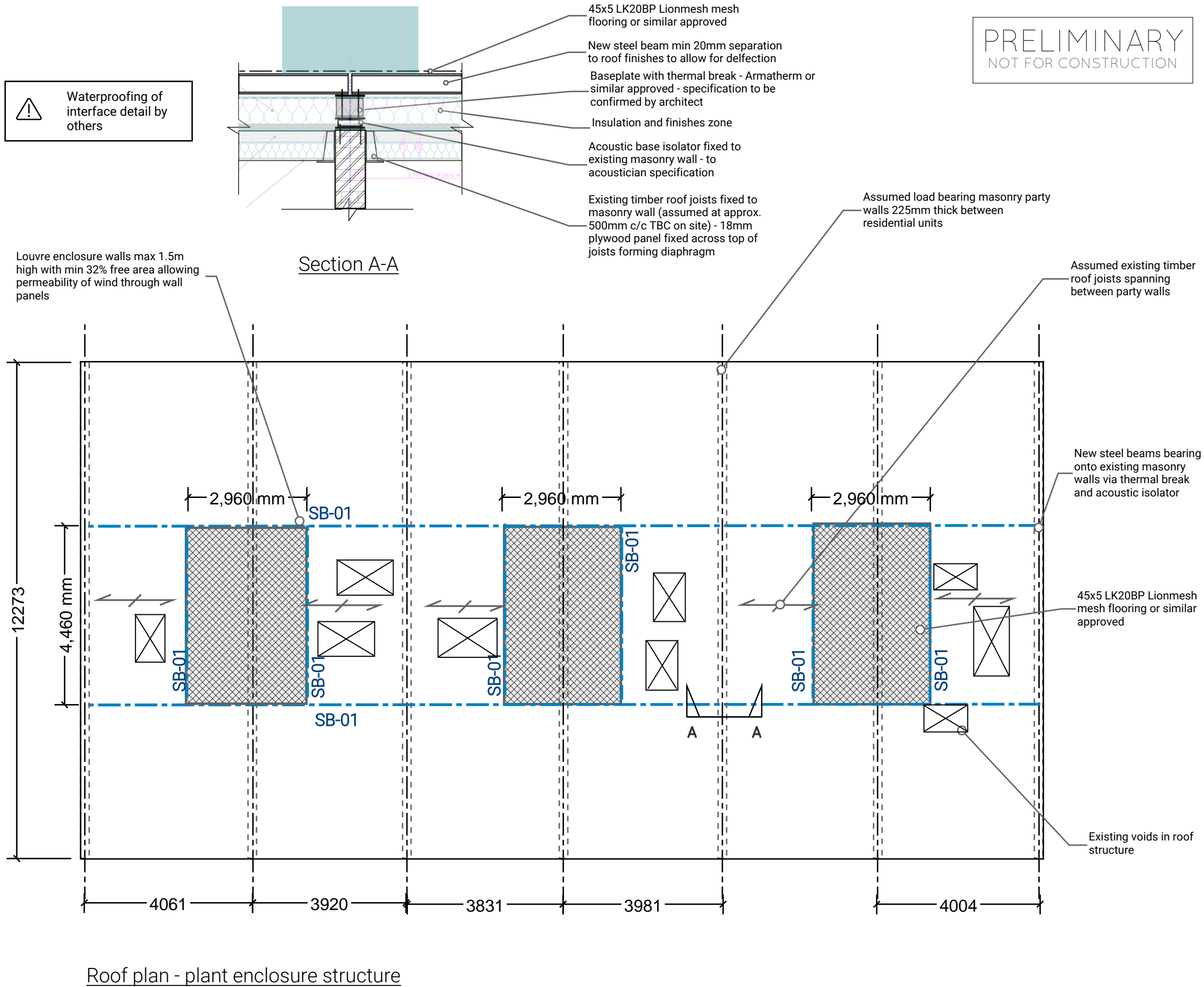


# Appendix 5

## Structural details



**NOTES**

1. NO DIMENSIONS TO BE SCALED FROM THIS DRAWING
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH THE RELEVANT SPECIFICATION AND GENERAL NOTES
3. ANY NON STRUCTURAL ITEMS SUCH AS WATERPROOFING, CLADDING, FINISHES, FIRE STOPPING ARE TO BE THE ARCHITECTS SPECIFICATIONS.
4. ALL PROPRIETARY PRODUCTS ARE TO BE USED AND INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS DETAILS AND REQUIREMENTS.
5. THE STRUCTURE IS DESIGNED AND DETAILED FOR THE PERMANANT CONDITION ONLY THE CONTRACTOR IS RESPONSIBLE FOR THE STRUCTURE IN ITS TEMPORARY CONDITION, ANY TEMPORARY WORKS REQUIRED DURING CONSTRUCTION AND ANY TEMPORARY LOADS ONTO THE EXISTING AND NEW STRUCTURE WHICH SHALL BE LESS THAN THOSE FOR WHICH IT HAS BEEN CONFIRMED OR DESIGNED RESPECTIVELY
6. ALL WORKS UNDERTAKEN BY CONTRACTOR TO BE COMPLIANT WITH RELEVANT AND CURRENT BUILDING CODES, REGULATIONS AND GOOD PRACTICES.

**Key**

- Proposed steel beam
- Existing/proposed roof joists

**Assumed loading**

- Weight of ASHP units confirm as 120kg each
- SIDL of enclosure mesh decking = 0.8kN/m<sup>2</sup>
- SIDL of enclosure louvred wall panels = 0.3kN/m<sup>2</sup>
- LL on decking (maintenance access) = 0.75kN/m<sup>2</sup>

All build ups to be confirmed as design develops, size and arrangement of structure subject to these

**Steel schedule**

SB-01 = UKB 152x89x16 (S275)

All exposed steelwork to have painted or galvanised protection system suitable to an external environment