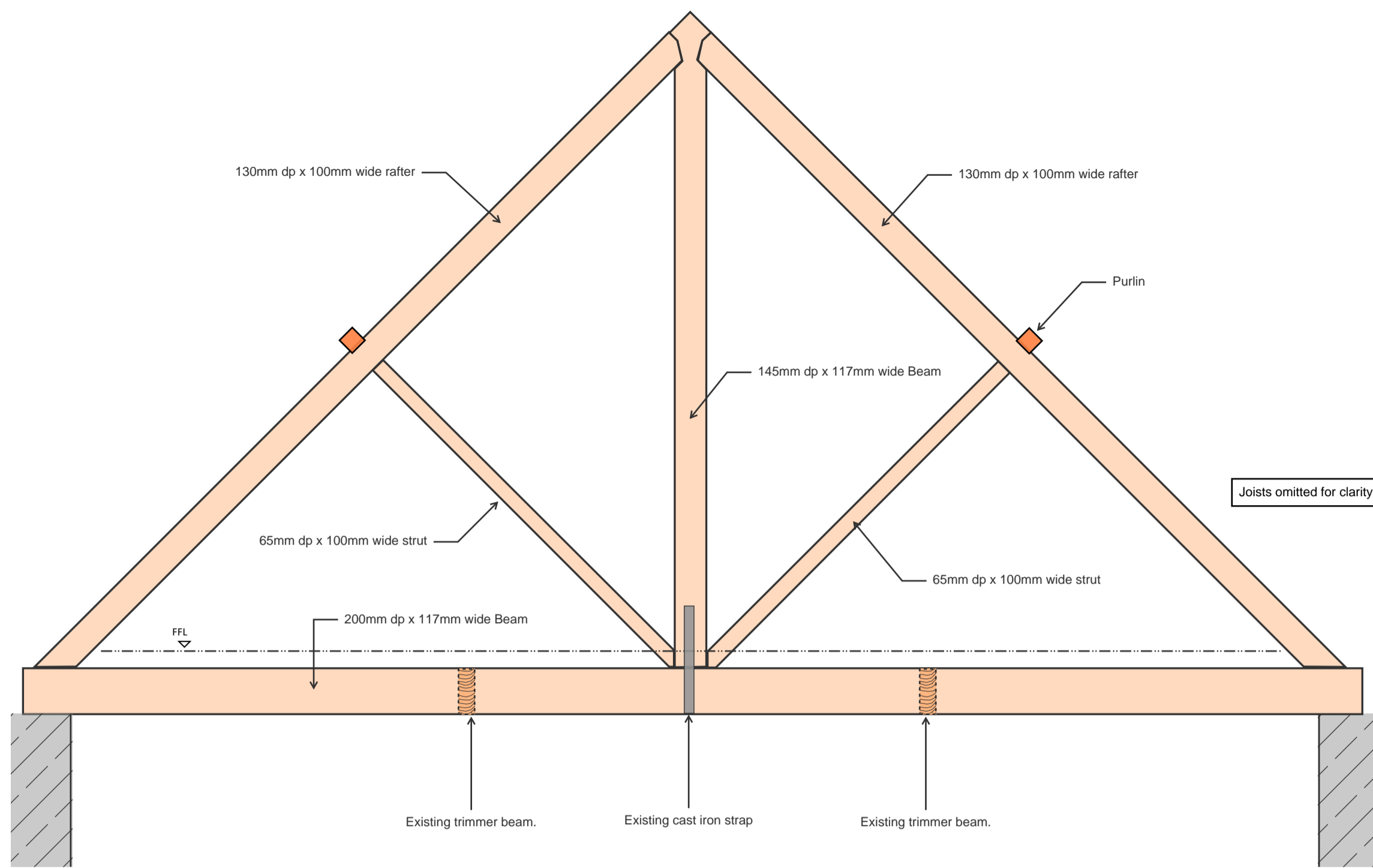
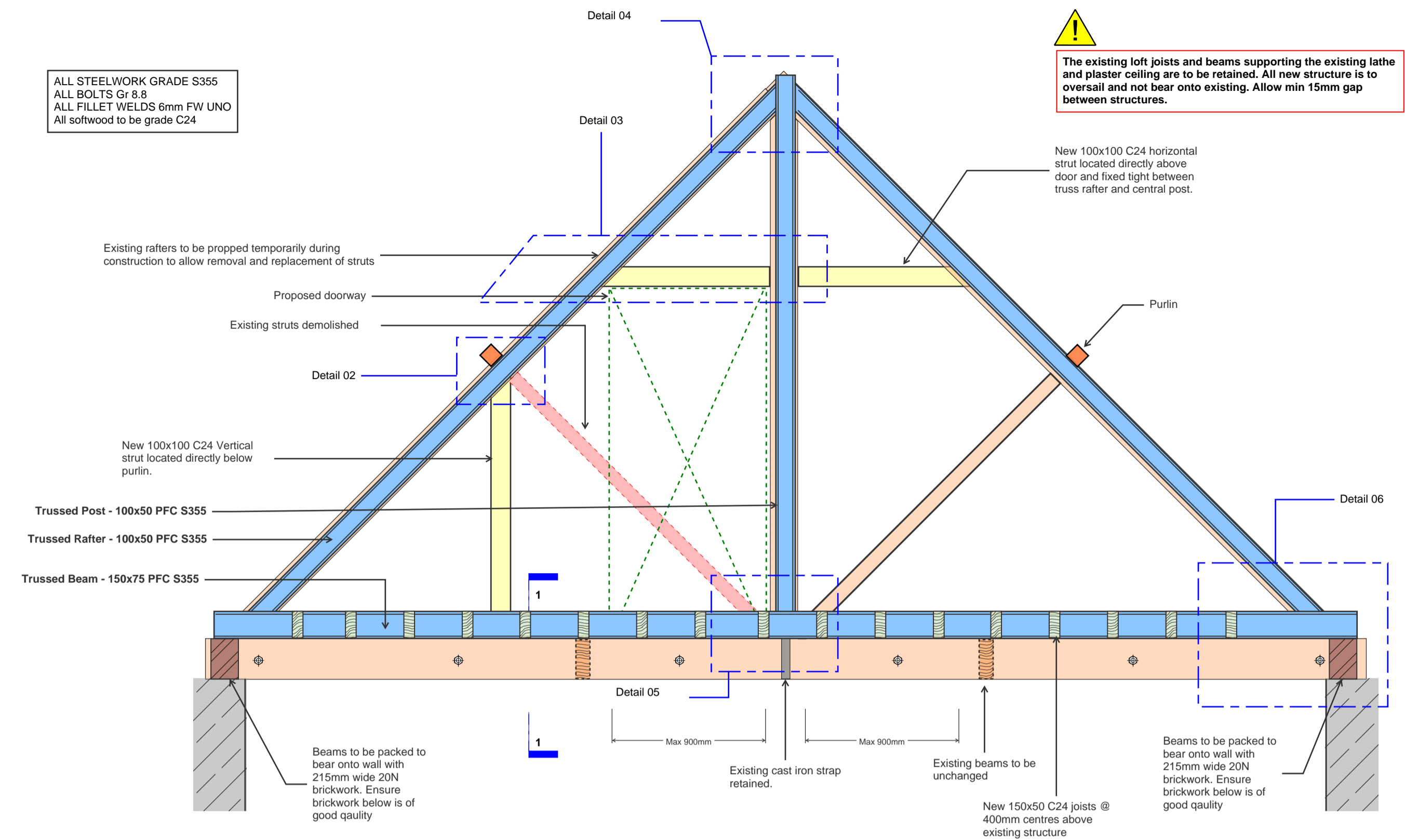


Option 1 - Additional Steel Beams



Existing Elevation of Typical Roof Truss

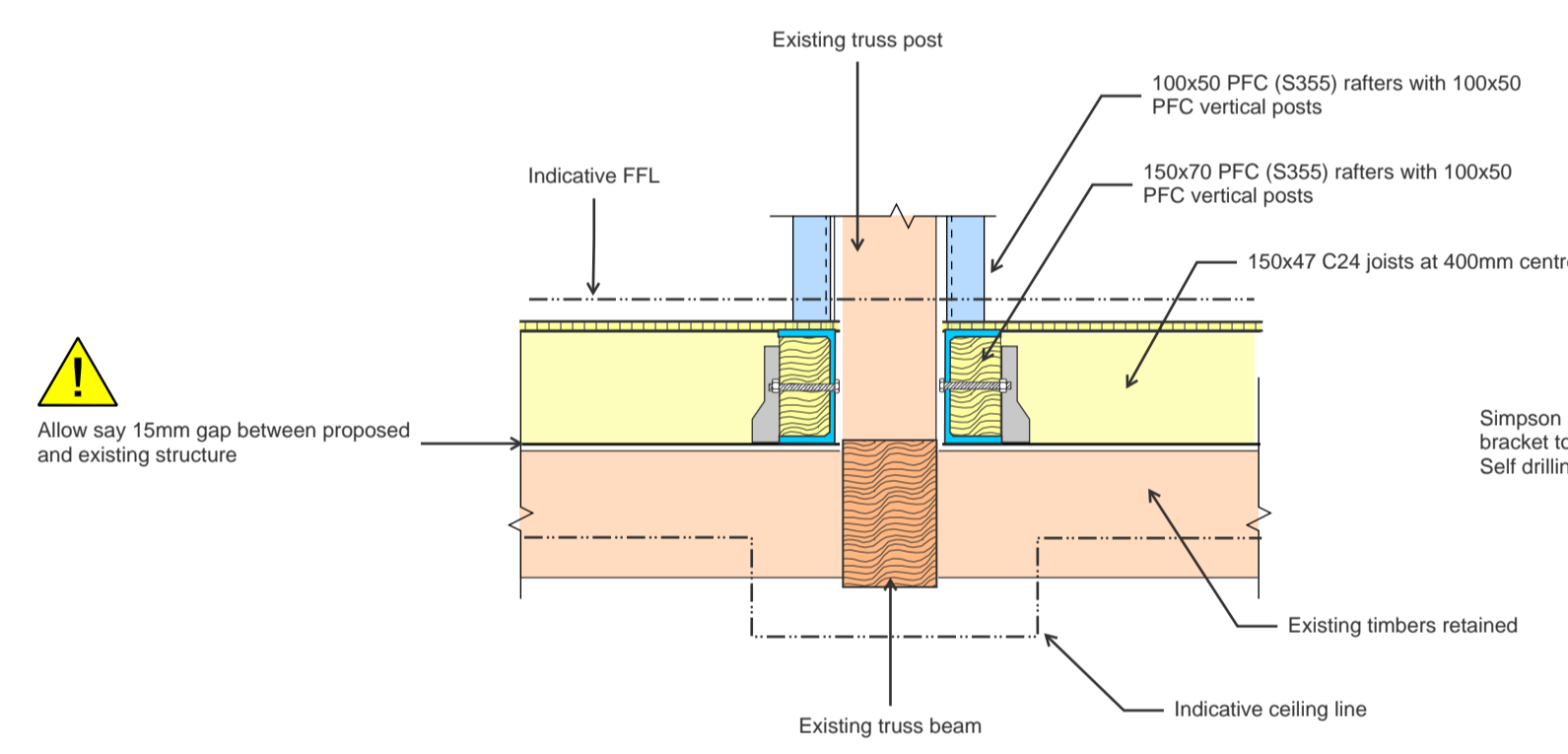
ALL STEELWORK GRADE S355
ALL BOLTS Gr 8.8
ALL FILLET WELDS 6mm FW UNO
All softwood to be grade C24



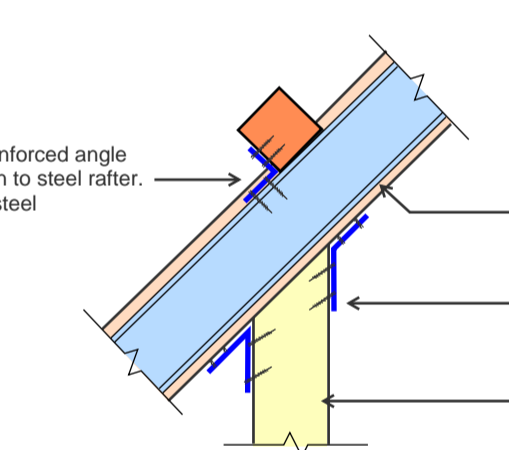
Proposed Elevation of Typical Roof Truss

Warning: The existing loft joists and beams supporting the existing lath and plaster ceiling are to be retained. All new structure is to oversail and not bear onto existing. Allow min 15mm gap between structures.

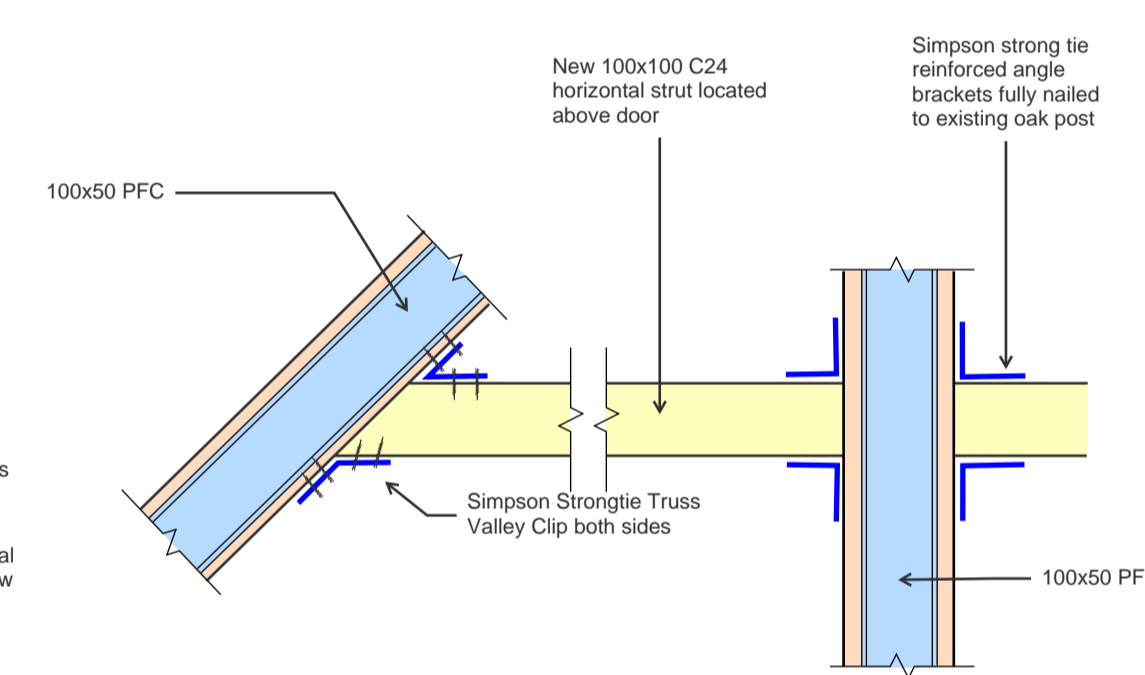
- Notes:**
1. Do not scale from these drawings
 2. All dimensions to be checked on site by contractor
 3. Drawing to be read in conjunction with general notes drawing
 4. Where discrepancy occurs between specification and drawing, Engineer to be notified immediately
 5. Temporary works design, method statement and construction sequence to be determined by contractor
 6. Where discrepancy occurs between drawings and findings on site, Engineer to be notified immediately
 7. Contractor may allow for splicing of steelwork to aid erection if necessary, final design by contractor, to be coordinated with BC Structural Design.
 8. Refer to architects details for fire protection of all elements
 9. All foundations assumed to be founded a minimum of 1.0m BGL on natural undisturbed ground - to be checked by Building Control or an Approved Inspector - assumed bearing capacity - 100kN/m². If adjacent to existing foundation, excavation to be stepped at 45degrees to avoid undermining. Foundations to be 450mm deep MC and a minimum of 450mm wide UNO.
 10. All setting out to Architects information



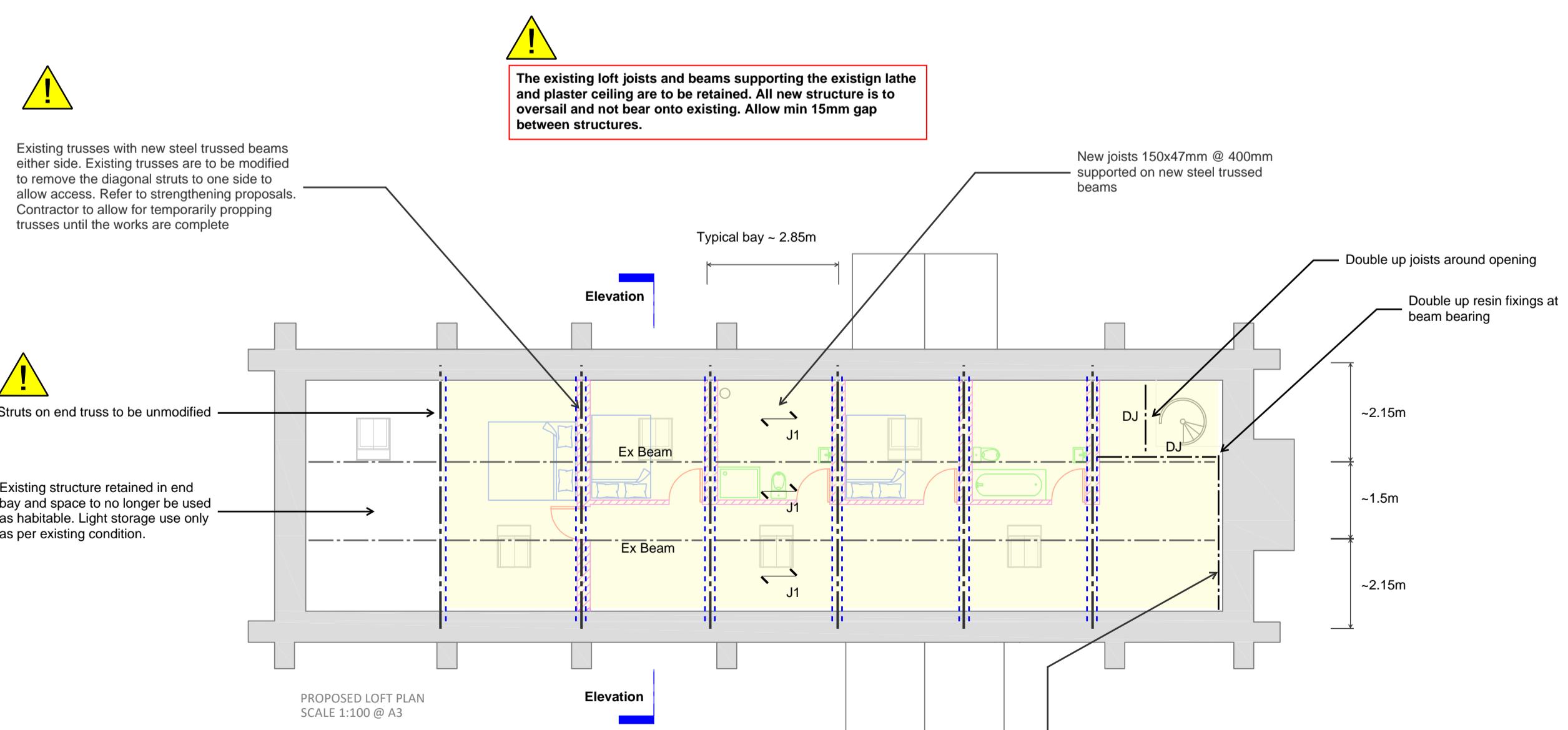
Section Detail 01



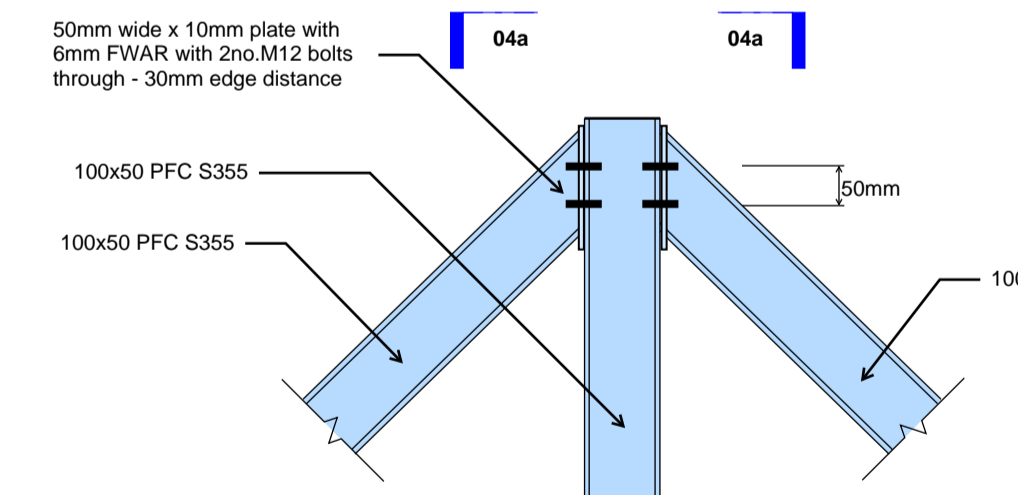
Detail 02



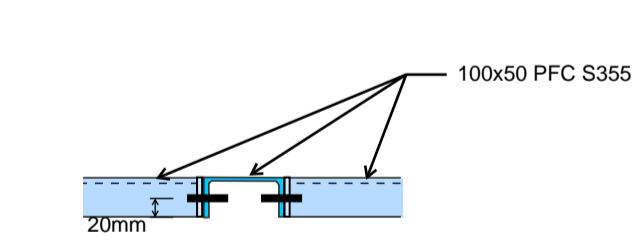
Detail 03



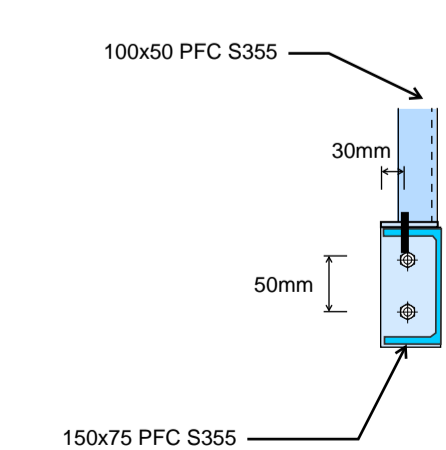
Proposed Loft Plan



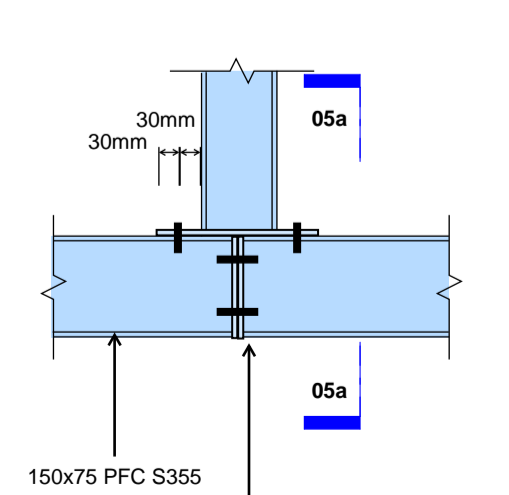
Section Detail 04



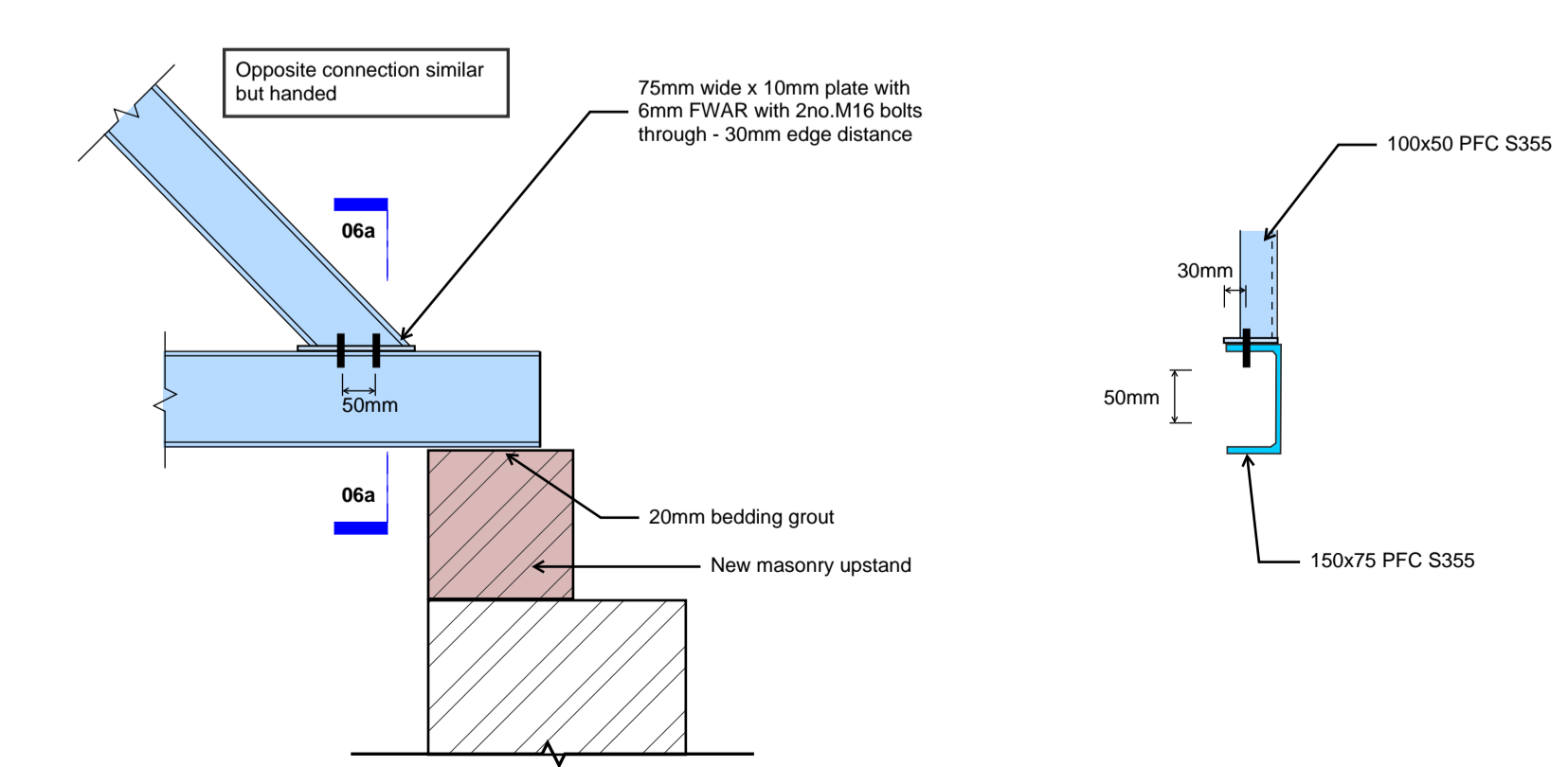
Section Detail 04a



Section Detail 05a



Section Detail 05



Section Detail 06

Section Detail 06a

BAKER STRUCTURAL DESIGN CHATTERTON

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Project: **The Old Church**

Drawing Title: **Proposed Truss Strengthening**

Drawing Number: **J251-BC-SK-0001**

Issued: **08.23** Drawn by: **DJC**

Rev: **P4** Scale: **NTS**