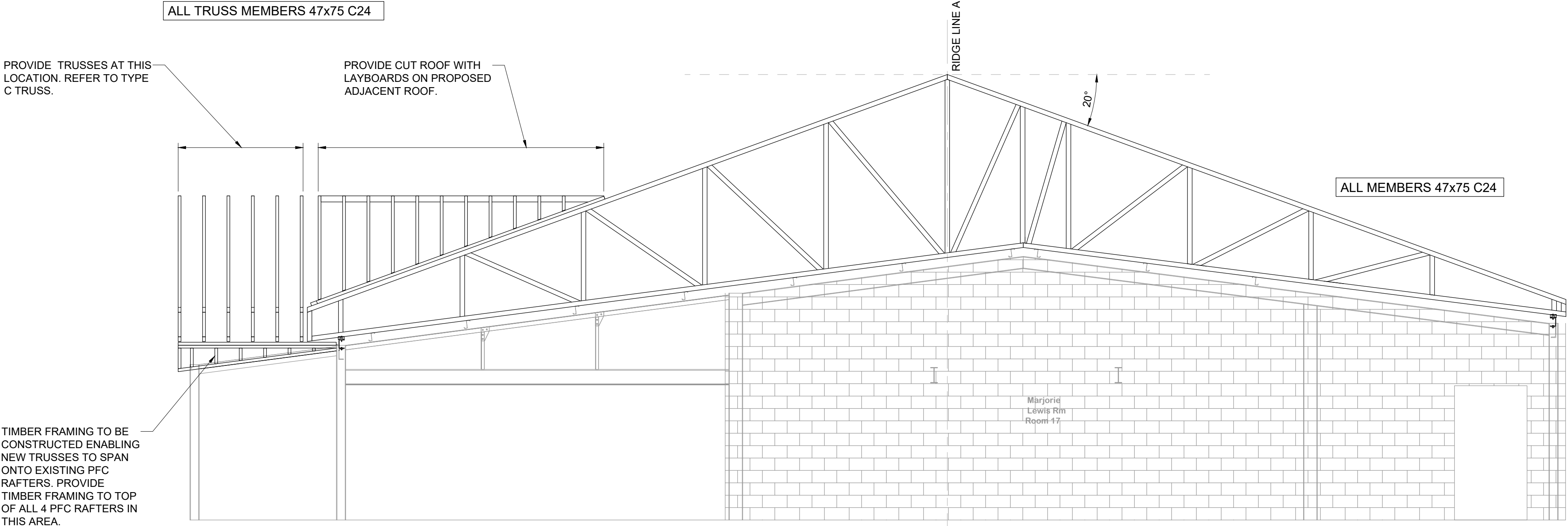
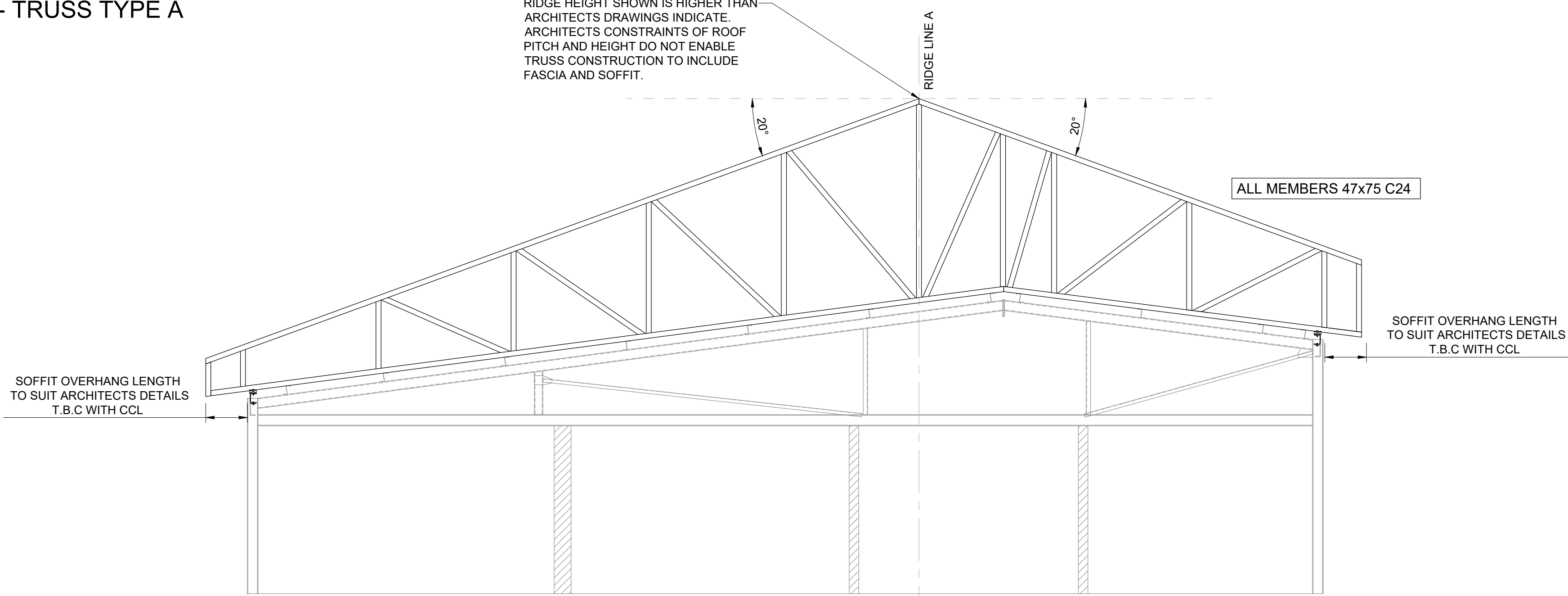




SECTION 4 - TRUSS TYPE A

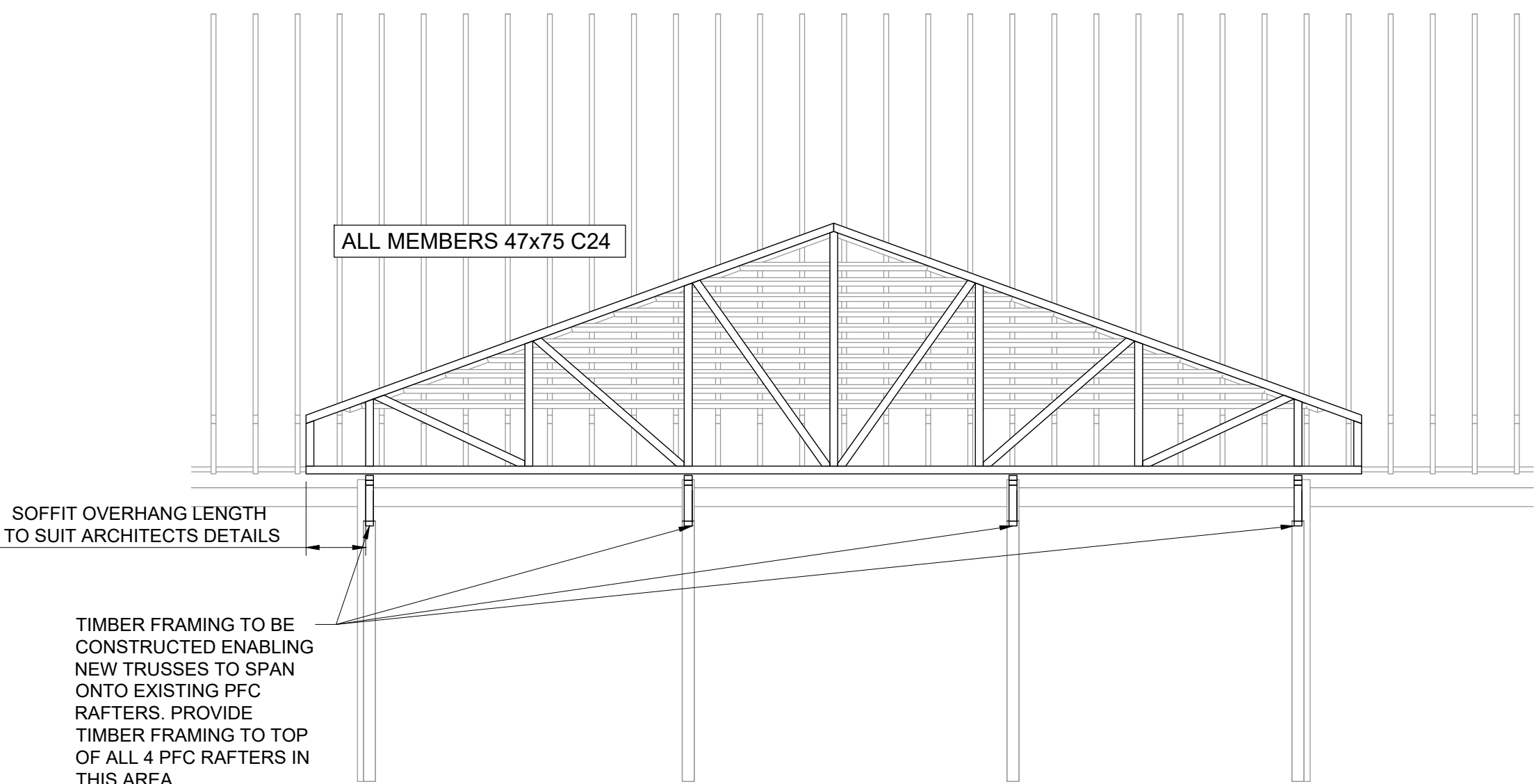
SCALE: 1:50 A1

RIDGE HEIGHT SHOWN IS HIGHER THAN ARCHITECTS DRAWINGS INDICATE. ARCHITECTS CONSTRAINTS OF ROOF PITCH AND HEIGHT DO NOT ENABLE TRUSS CONSTRUCTION TO INCLUDE FASCIA AND SOFFIT.



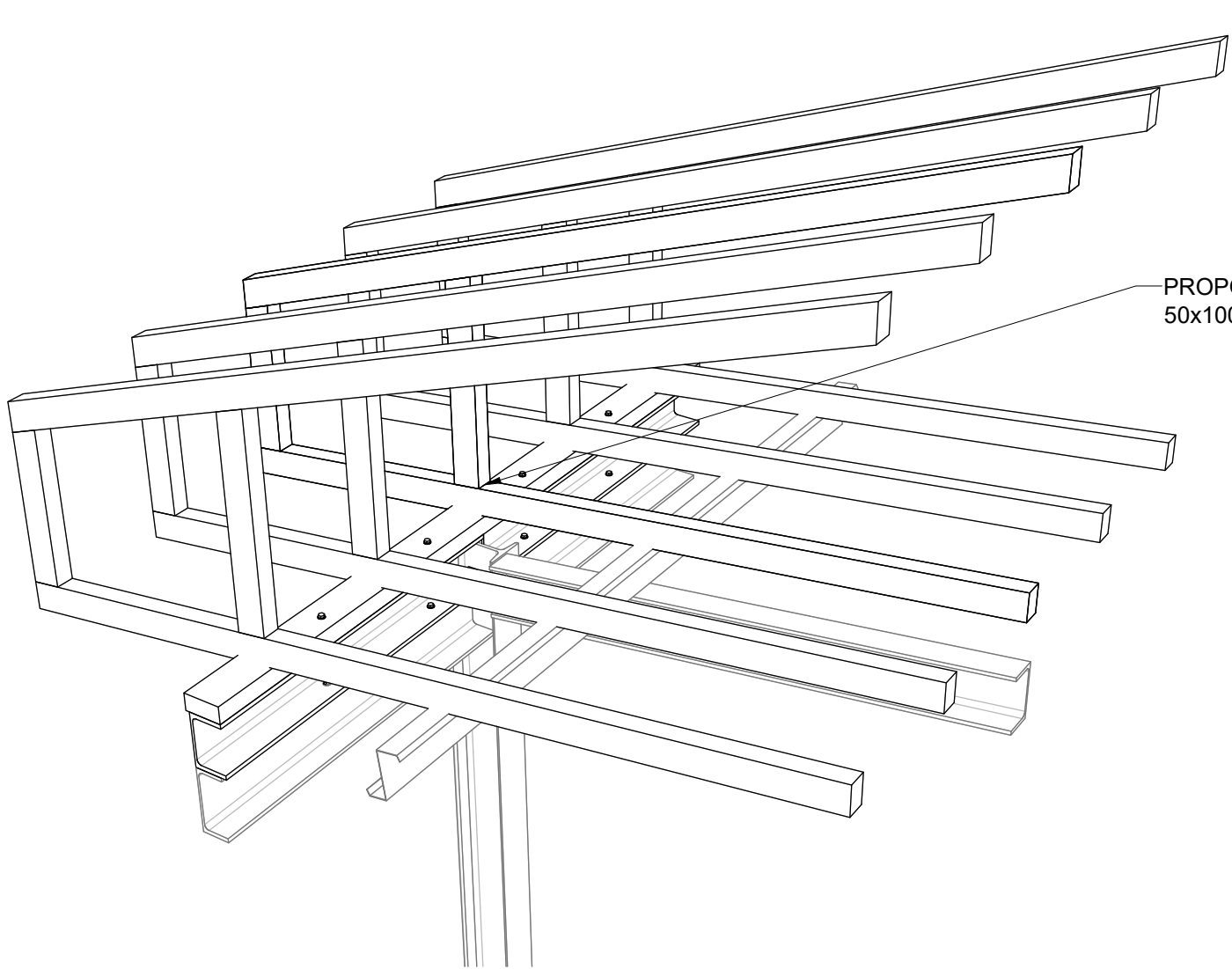
SECTION 1 - TRUSS TYPE B

SCALE: 1:50 A1



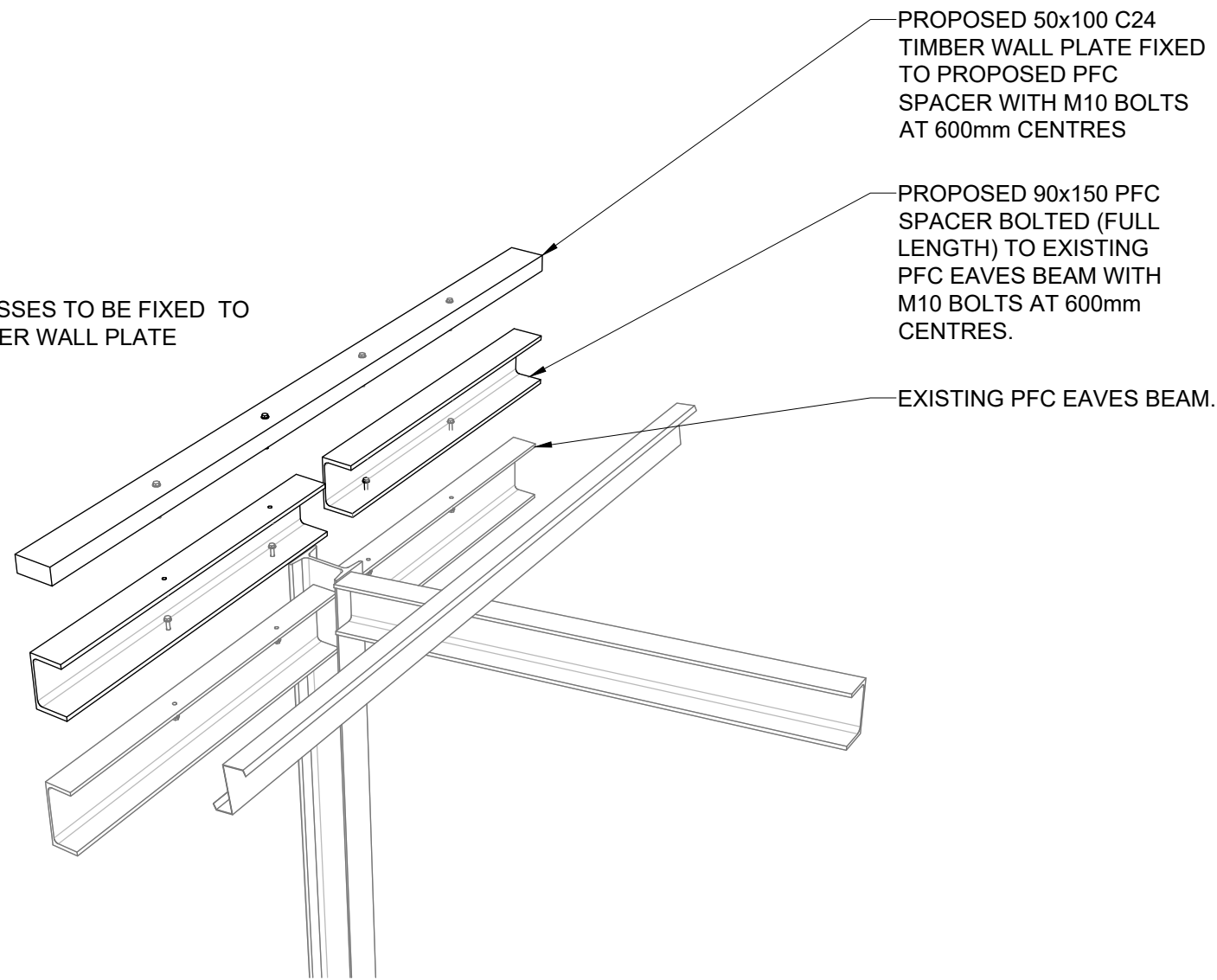
TRUSS TYPE C

SCALE: 1:50 A1



TYPICAL EAVES DETAIL

SCALE: 1:10 A1



TYPICAL EAVES DETAIL

SCALE: 1:10 A1

GENERAL NOTES:

1. THE DRAWINGS, DESIGN AND ALL INFORMATION CONTAINED THEREIN ARE THE SOLE COPYRIGHT OF CANHAM CONSULTING AND ANY REPRODUCTION IS FORBIDDEN UNLESS PERMISSION IS OBTAINED IN WRITING.
2. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT CIVIL / STRUCTURAL ENGINEERING DRAWINGS, THE PROJECT SPECIFICATION AND DRAWINGS PRODUCED BY THE ARCHITECTS, SERVICE ENGINEERS AND LANDSCAPE ARCHITECTS.
3. FOR ALL SETTING OUT INFORMATION REFER TO THE ARCHITECTS DRAWINGS AND DETAILS.
4. ANY DISCREPANCIES BETWEEN THE INFORMATION GIVEN BY THE ENGINEER, AND THAT PROVIDED BY OTHERS, MUST BE REFERRED TO THE ENGINEER BEFORE THE AFFECTED WORKS PROCEED.
5. DIMENSIONS MUST NOT BE SCALED FROM THE ENGINEERS DRAWINGS.
6. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
7. ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED ON SITE PRIOR TO COMMENCING ANY CONSTRUCTION OR FABRICATION.
8. ANY CONSTRUCTION OR FABRICATION CARRIED OUT PRIOR TO OBTAINING ALL NECESSARY STATUTORY AND OTHER APPROVALS IS DONE AT THE RISK OF THE CONTRACTOR.
9. THE CONTRACTOR IS TO PREPARE RISK ASSESSMENTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST AND RELEVANT LEGISLATION AND GUIDANCE NOTES, PRIOR TO THE COMMENCEMENT OF ANY WORKS.
10. THE CONTRACTOR IS TO ENSURE THE STABILITY OF EACH ELEMENT AND THE STABILITY OF THE OVERALL CONSTRUCTION UNTIL THE WORKS ARE COMPLETE.
11. FOR SIZE AND LOCATION OF ALL SERVICES REFER TO THE SERVICE ENGINEERS AND ARCHITECTS DRAWINGS.
12. ALL DESIGNS, CONNECTIONS, WORKMANSHIP AND MATERIAL ARE TO COMPLY WITH THE CURRENT BUILDING REGULATIONS AND THE LATEST RELEVANT BRITISH STANDARD SPECIFICATION AND CODES OF PRACTICE OR OTHERWISE BE TO THE SPECIFIC WRITTEN APPROVAL OF THE ENGINEER.
13. INSPECTIONS MADE BY THE LOCAL AUTHORITY, SHALL BE ARRANGED BY THE CONTRACTOR TO SUIT HIS PROGRAMME. ANY COST ARISING OUT OF FAILING TO CARRY OUT THE WORK TO THE SATISFACTION OF THE LOCAL AUTHORITY WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
14. NON-STRUCTURAL FIXINGS ARE GENERALLY NOT SHOWN ON THE ENGINEERS DRAWINGS AND IF ANY SUCH DETAIL IS INDICATED IT MUST BE CONFIRMED BY CROSS REFERENCE TO OTHER SPECIALISTS BEFORE CONSTRUCTION.
15. WHERE PROPRIETARY STRUCTURAL ELEMENTS, FIXINGS OR ADMIXTURES ARE USED, THEY ARE TO BE USED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS AND THE ENGINEERS APPROVAL.
16. NO STRUCTURAL MEMBERS ARE TO BE CUT, NOTCHED OR JOINTED UNLESS SHOWN ON THE ENGINEERS DRAWINGS AND DETAILS.
17. UNLESS NOTED OTHERWISE, ALL CONNECTIONS OF STRUCTURAL MEMBERS, INCLUDING LAPS AND ANCHORAGES OF REINFORCEMENT SHALL BE CAPABLE OF MOBILISING THE FULL STRUCTURAL CAPACITY OF THE MEMBER.
18. NO HOLES, IRRESPECTIVE OF SIZE ARE TO BE FORMED IN THE PRIMARY STRUCTURAL MEMBERS (BEAMS, COLUMNS ETC.).

TRUSSED RAFTER NOTES:

1. THIS DRAWING INDICATES THE PRINCIPLES OF ROOF CONSTRUCTION AND TYPICAL SUPPORT DETAILS.
2. FOR ADDITIONAL SETTING OUT DETAILS OF WALLS REFER TO ARCHITECTS DETAILS.
3. TRUSSED RAFTERS TO BE DESIGNED AND CERTIFIED BY THE MANUFACTURER IN ACCORDANCE WITH BS EN 1995.
4. MAXIMUM TRUSS SPACING TO NOT EXCEED 400mm
5. STANDARD ARRANGEMENT OF BRACING TO BE ADOPTED IN ACCORDANCE WITH BS 5268 PART 3 TO ROOF BETWEEN HIP ENDS.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE WORKS DURING CONSTRUCTION AND SHALL PROVIDE TEMPORARY PROPPING, BRACING ETC. AS NECESSARY.
7. ALL INFILL TIMBERS AND BRACINGS TO BE MINIMUM GRADE C16.
8. TO AVOID DISTORTION, WETTING AND ACCIDENTAL DAMAGE, TRUSSED RAFTERS TO BE HANDLED, STORED AND ERECTED ON SITE IN ACCORDANCE WITH BRE DEFECT ACTION SHEET 5 AND THE TRUSSED RAFTER ASSOCIATION TECHNICAL HANDBOOK SITE INSTALLATION GUIDE.
9. TIMBER, MECHANICAL FIXINGS, FASTENINGS, ADHESIVES AND PRESERVATIVES SHALL COMPLY WITH ALL RELEVANT BRITISH STANDARDS. ALL WORKMANSHIP AND FIXING DETAILS TO BE IN ACCORDANCE WITH BS 5268
10. ALL NAILS, BOLTS AND SCREWS TO BE ELECTRO-ZINC PLATED OR SHERADISED.
11. PRESERVATIVE TREATMENT BY EITHER THE COPPER-CHROME-ARSENIC VACUUM PRESSURE OR ORGANIC SOLVENT DOUBLE VACUUM METHOD SHOULD BE APPLIED TO SOLE PLATES, WALL PLATES, TIMBER IN FLAT ROOFS, TILING BATTENS, SUSPENDED TIMBER FLOORS, LOADBEARING TIMBER FRAMING FORMING THE INNER LEAF OF THE EXTERNAL CAVITY WALL AND ALL TIMBER IN CONTACT WITH THE OUTER LEAF OF A CAVITY WALL.
12. TIMBER CUT AFTER TREATMENT SHOULD BE SWABBED WITH ADDITIONAL TREATMENT.

SITE DIMENSIONS:
ACCURATE ON-SITE MEASUREMENTS FOR OVERALL ELEMENT SIZES MUST BE CARRIED OUT PRIOR TO FABRICATION OF ANY STRUCTURAL ELEMENTS. BY THE CONTRACTOR OR SPECIALIST SUPPLIER. DESIGN DIMENSIONS WITHIN THE CALCULATIONS MUST NOT BE USED FOR THE PROCUREMENT OF ANY STRUCTURAL ELEMENTS. DO NOT SCALE OFF THIS DRAWING.

PRELIMINARY DRAWING:
THIS DRAWING IS FOR PRELIMINARY PURPOSES ONLY AND MUST NOT BE READ AS A CONSTRUCTION ISSUE. IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT.

P03	30.03.21	TRUSS TYPE C ADDED. TRUSS TYPE B RIDGE ALIGNED WITH A	DJB	NTE
P02	23.03.21	RIDGE LEVEL INCREASED. EAVES DETAIL ADDED.	DJB	NTE
P01	10.02.21	PRELIMINARY ISSUE	DJB	NTE
rev	date	details	drawn	checked



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PROPOSED ROOF STRUCTURE SECTIONS PAGE 1

CCL ref:	drawn	design	checked	scale	size	date
214916	DJB	JP	NTE	AS SHOWN	A1 (L)	08.10.2020

status:
S3 - SUITABLE FOR REVIEW & COMMENT

drawing number	revision
214916-CCCL-XX-XX-DR-S-3100	P03

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