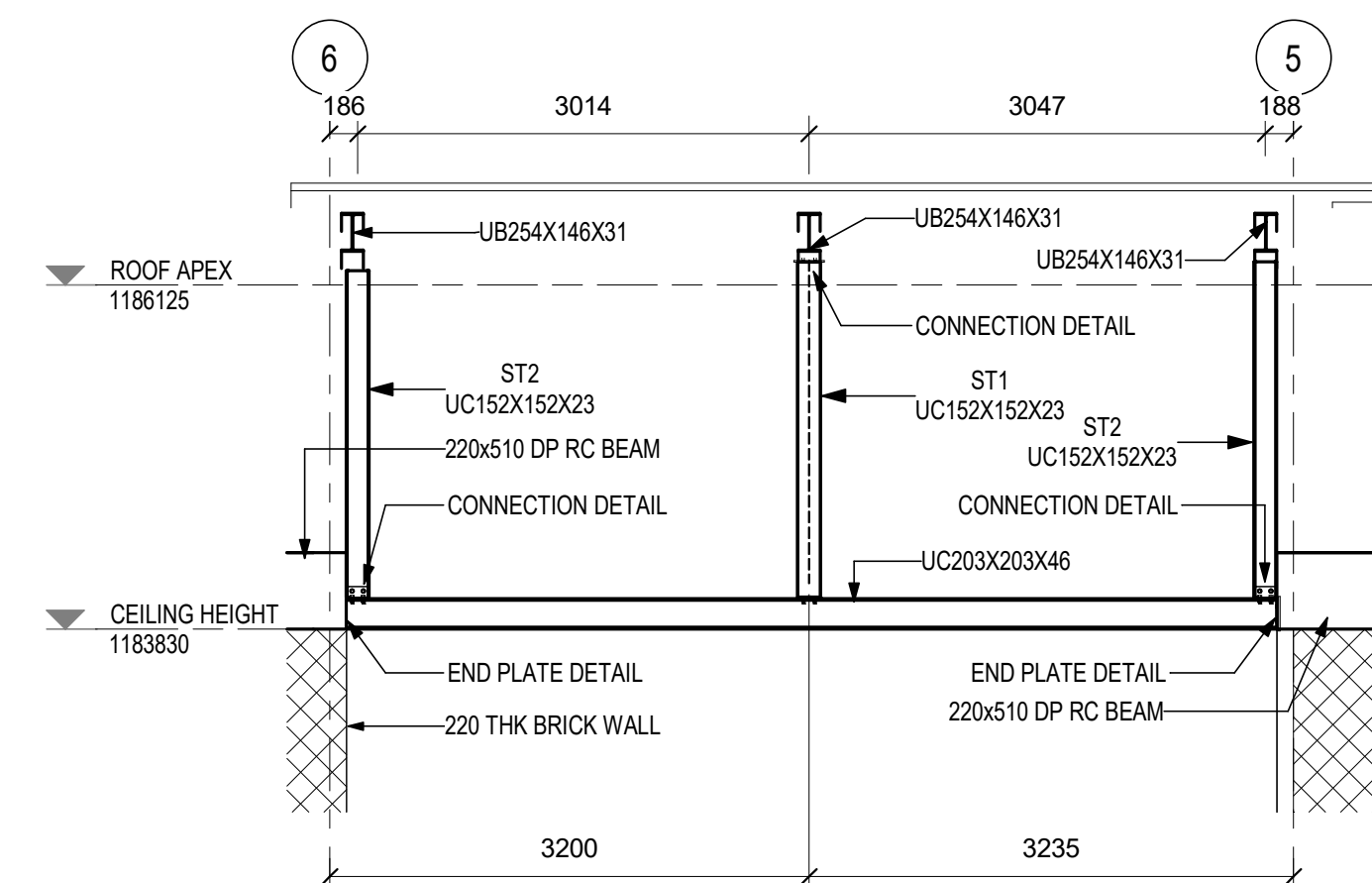
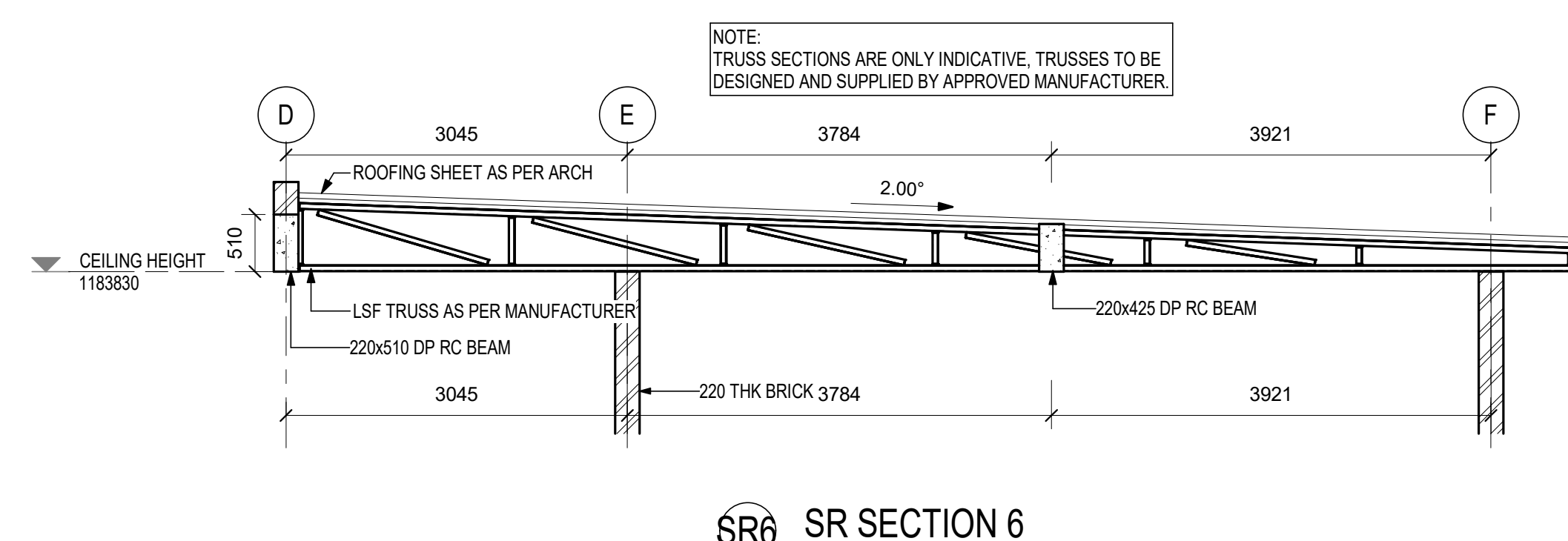
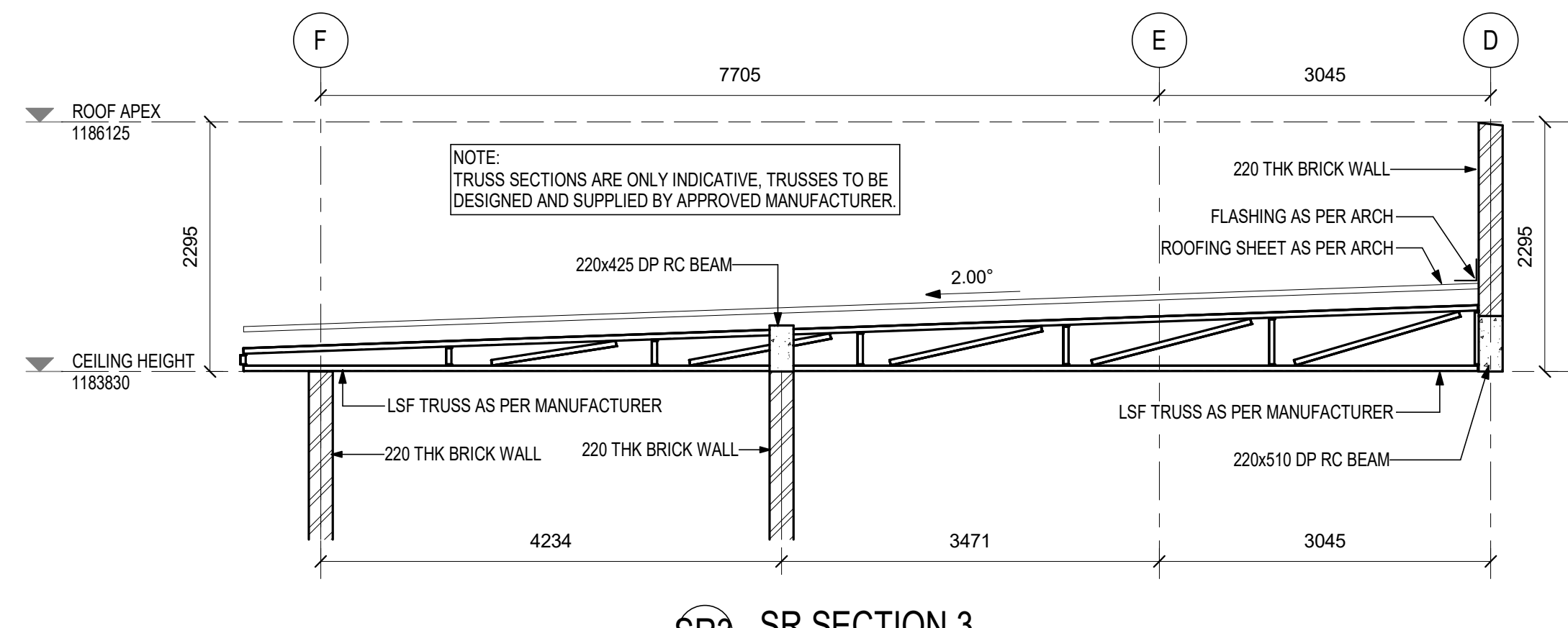
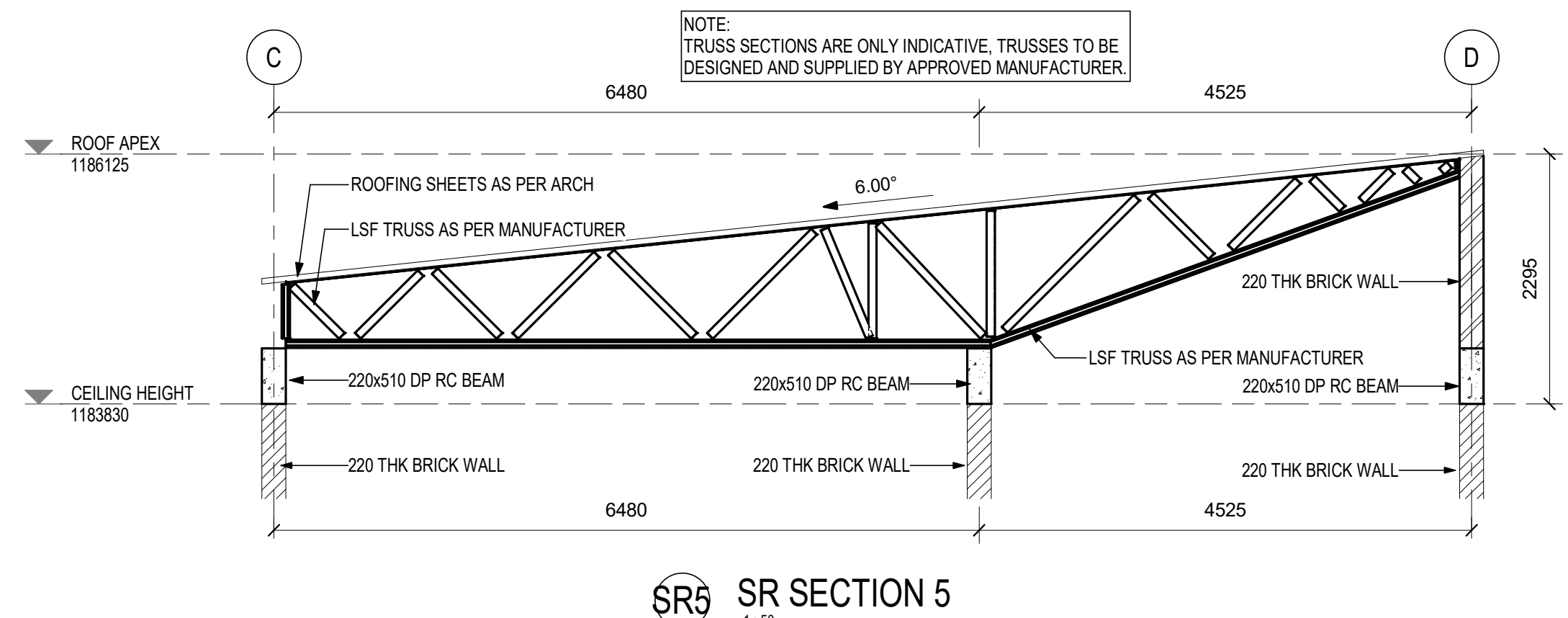
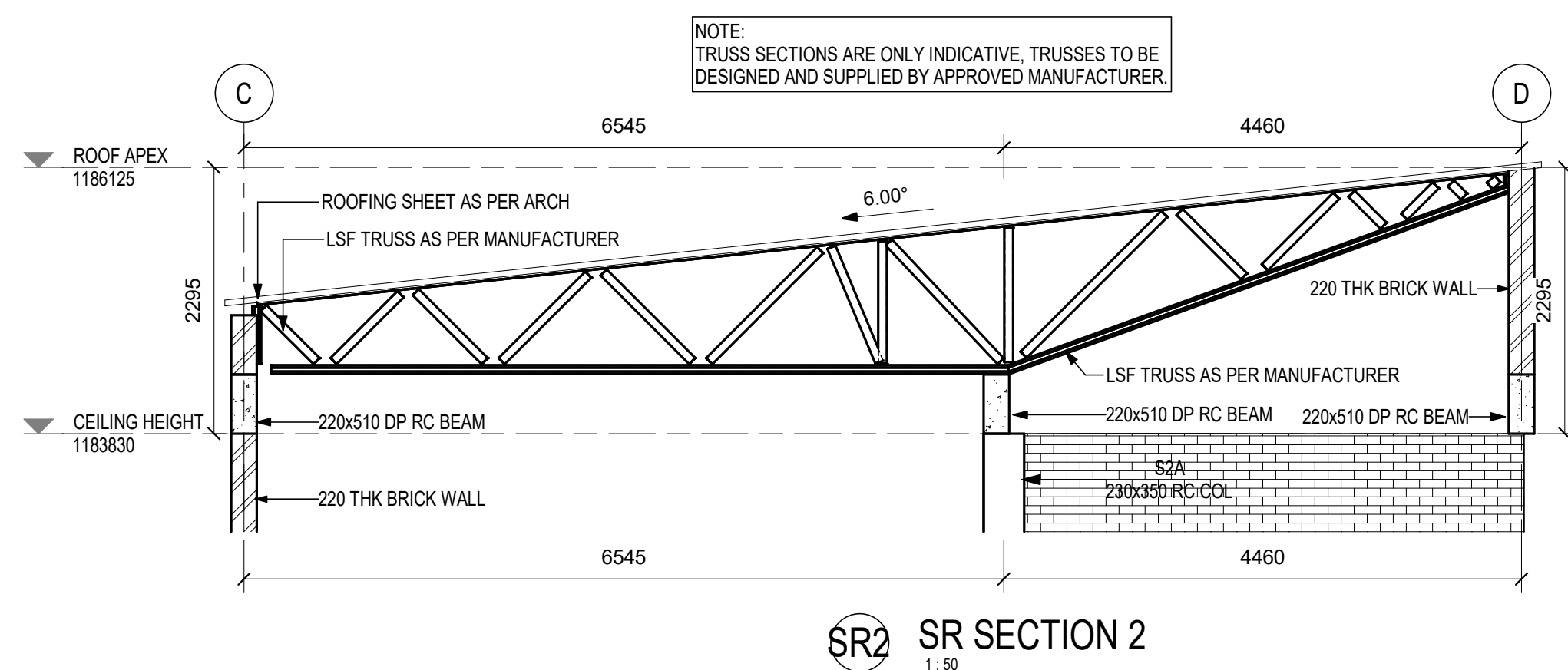
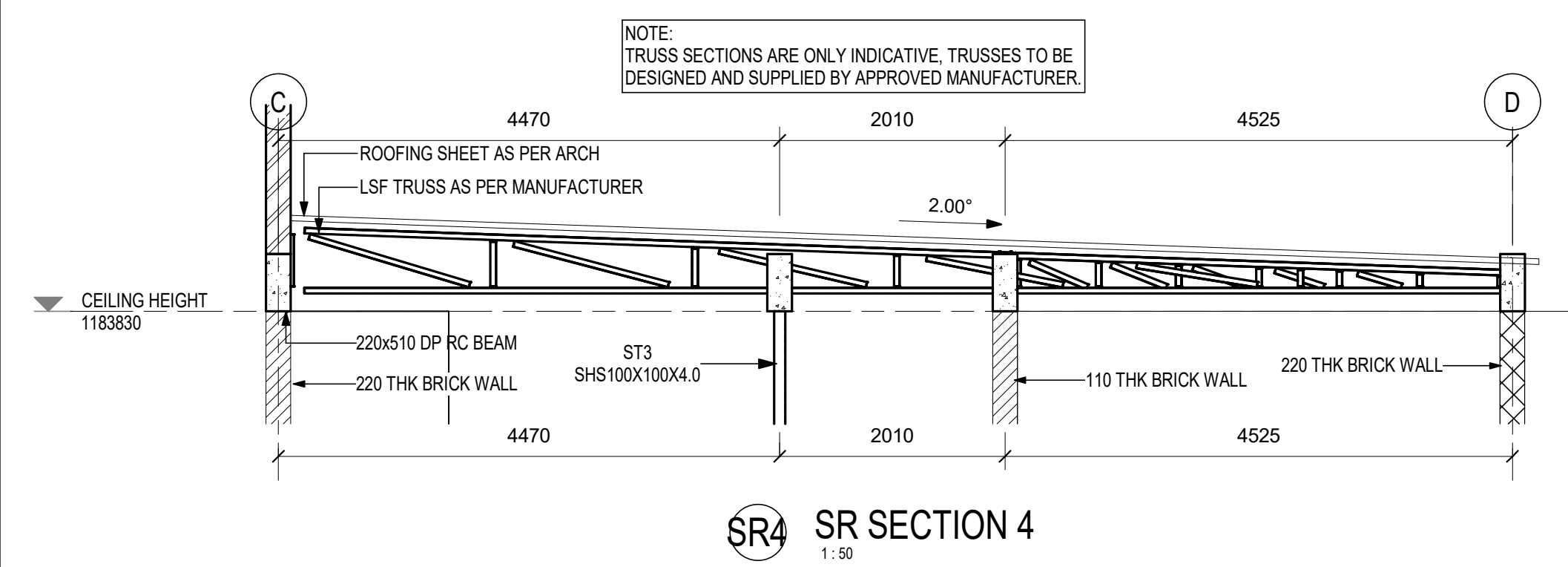
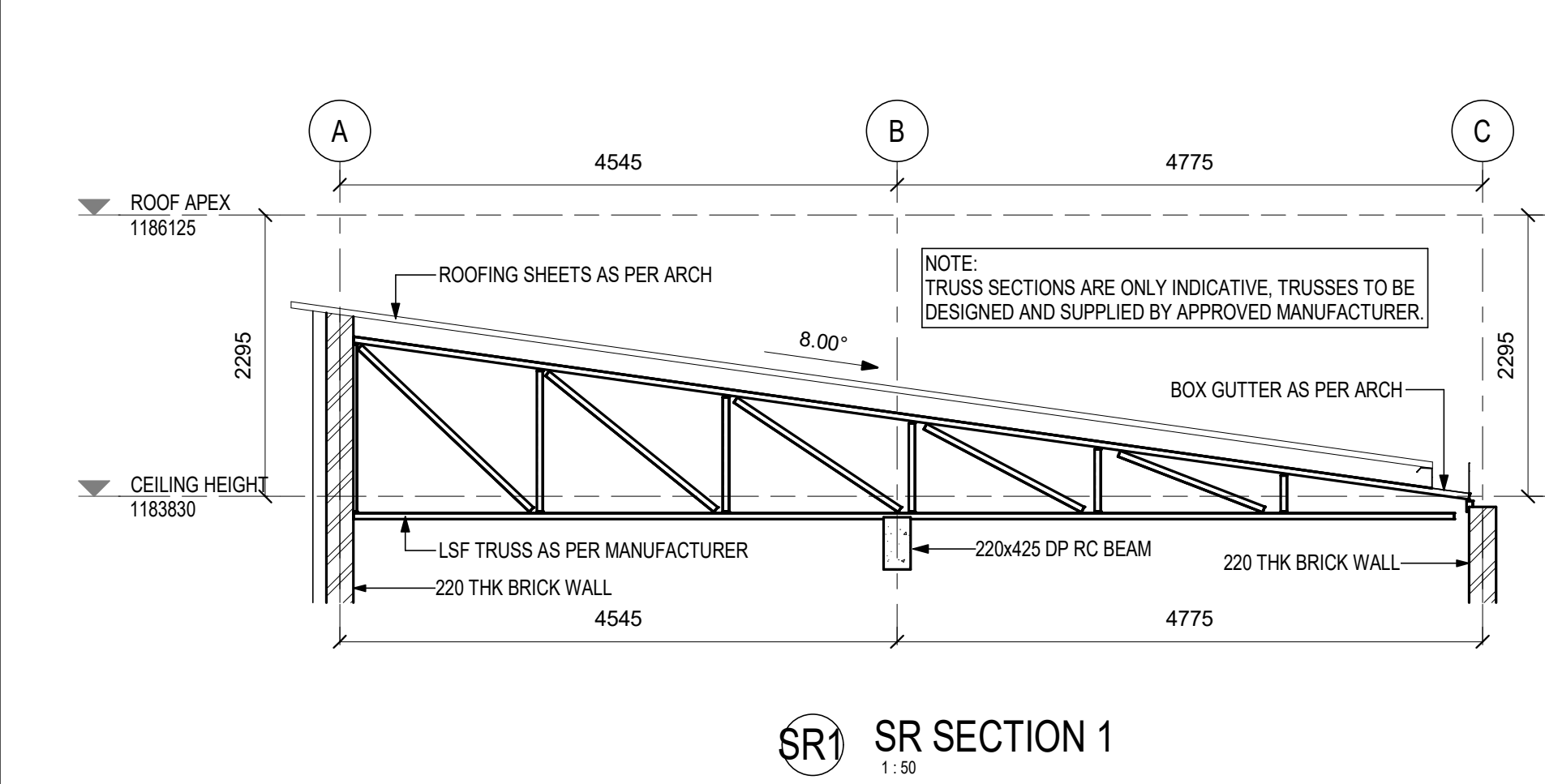
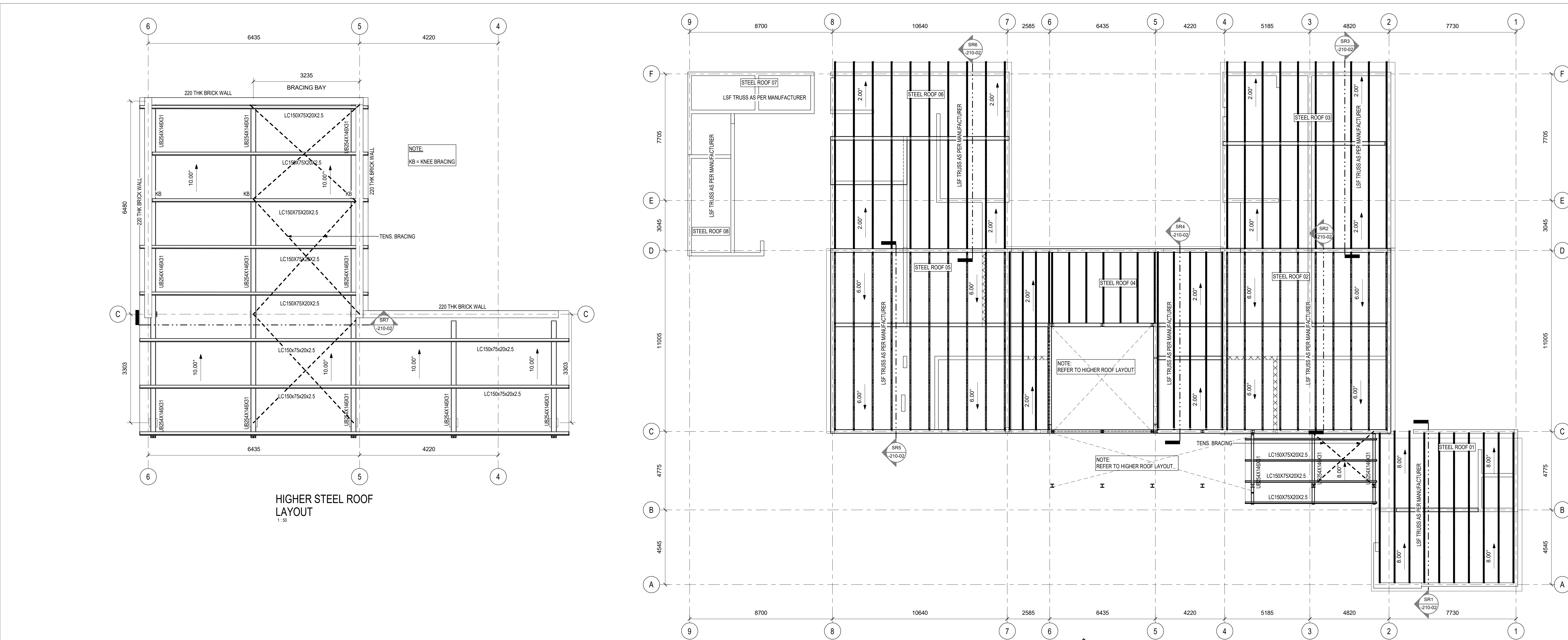




NOTES ON STEEL WORK:

- FASTENERS:
 - ALL FASTENERS TO BE CLASS 8.8 BOLTS WITH CLASS 8 LOCK NUTS
 - ONLY 2mm OVERSIZE BOLT HOLES ARE PERMITTED
- CONSTRUCTION / MANUFACTURING / ERECTION:
 - STEEL STRUCTURES ARE TO BE STRICTLY IN ACCORDANCE WITH SANS 2001 CS1
 - STEEL GRADE S355
 - THE CONTRACTOR MUST SUBMIT DETAILED WORKSHOP DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO MANUFACTURE
 - ONLY SIZES OF STRUCTURAL MEMBERS, CONNECTIONS AND SPICES WILL BE CHECKED
 - FINAL DIMENSIONS AND THE CORRECT FITTING OF MEMBERS SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR
- WELDING:
 - WELDING MUST BE OF HIGH QUALITY WITH MINIMUM DEFECTS
 - NO NOTCHES OR CRACKS SHALL BE ACCEPTED
 - THE FULL PENETRATION GROOVE WELDS SHALL HAVE CONTOURED FILET
 - REINFORCING TO PROVIDE A SMOOTH FLOW OF STRESSES
 - ALL WELDS TO BE CONTINUOUS AND NOT INTERMITTENT
 - WELDS SHALL BE ALLOWED
 - INTERSECTING WELDS RUNNING IN VARIOUS DIRECTIONS AT ANY POINT MUST BE PREVENTED BY CUTTING SELECTED PLATES SO AS TO REMAIN CLEAR OF THE INTERSECTION
- MINIMUM WELD SIZES:

THICKNESS OF THICKER PART (mm)	MIN FILLET WELD
1. UP TO 12mm	5mm
2. OVER 12mm TO 20mm	6mm
3. OVER 20mm TO 40mm	8mm
- ALL WELDS TO BE E70 XX ELECTRODES WITH MIN WELD STRENGTH OF 480 MPa
- PAINTE PROTECTION:
 - CORROSION PROTECTION TO ALL EXTERNAL STEEL ELEMENTS
 - FOR ENVIRONMENTAL CLASS C1 INDUSTRIAL FOR 10 YEARS
 - MAINTENANCE PERIOD IN ACCORDANCE WITH ISO 12944 PART 2
- ROOF MEMBER SIZES:
 - FOUNDATION: 2.0x2.0x5m PAD FOUNDATION
 - RC STUB COLUMN: 400x400mm
 - RAFTER: 254x146x31 I-SECTION
 - ORDER BEAM: 203x203x46 H
 - STEEL COL(ST1): 103x203x46 H
 - STEEL COL(ST2): 152x152x23 H
 - STEEL COL(ST3): 100x100x14 SHS
 - PURLIN: 150x75x20x2.5 C/P
 - BRACING: 60x60x6 L
 - PURLIN SPURCE EVERY MEMBER END TO CREATE A CONTINUOUS SYSTEM - NOTED "SP"
 - KB: KNEE BRACES 50x60x4 L
- ROOF SHEETING:
 - ROOF CLADDING AS PER ARCHITECT'S SPECIFICATIONS, AND INSTALLATIONS AS PER SUPPLIER'S SPECIFICATIONS

NOTES / LEGEND

GENERAL

- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL MATERIALS AND WORKMANSHIP CONFORM WITH THE DETAILS AND SPECIFICATIONS SHOWN ON THIS DRAWING, AND ALL RELEVANT SABS SPECIFICATIONS, RESPECTIVE OF WHETHER THE ENGINEER HAS INSPECTED THE WORKS ON SITE OR NOT.
- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE AND CORRELATED WITH THE ENGINEER'S DRAWINGS BEFORE CONSTRUCTION COMMENCES.
- NO SCALING WITH SCALE RULER FROM THE DRAWING IS PERMITTED. THE CONTRACTOR MUST ENSURE THAT HE GETS THE CORRECT DIMENSIONS FROM THE ENGINEER BEFORE CONSTRUCTION COMMENCES.

ISSUE DATE:	DRAWING SIZE:	REVISION:
2026-03-13	A0	B

PRELIMINARY
X INFO ONLY
FOR TENDER
FOR CONSTRUCTION
AS-BUILT

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT	REG. NO.	DATE

AMENDMENTS CODE

A.B.C. /	BEFORE TENDER	BY CLIENT
T0	TENDER DRAWING	BY ARCHITECT
0.1.1. /	AFTER TENDER	BY MECHANICAL OR ELECTRICAL
Z	AS-BUILT	BY E.V.I.
		BY OTHER ()

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DATE:	INITIAL	NO.	DESCRIPTION OF REVISION:
2026-01-16	JTM	A	ISSUED FOR INFORMATION PURPOSES
2026-03-13	JTM	B	ISSUED FOR INFORMATION PURPOSES

PROVINCE OFFICE E-MAIL

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Visit or contact us online at www.bvi.co.za

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BBBEE Level 1

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Central Office

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DEPARTMENT OF HEALTH
NORTHERN CAPE PROVINCE

PROJECT

UPGRADE AND
REFURBISHMENT OF LOGOBATE
PHC

DRAWING TITLE

STEEL ROOF LAYOUTS

APPROVED BY BVI

JJ HAEFELE	20190844	2026-03-13
ENGINEER/TECHNOLOGIST	REG. NO.	DATE

SCALE	As indicated	DRAWN	JTM
DESIGNED	JJH	CHECKED	JJH

PLAN NUMBER	REVISION NO.	DATE SAVED	
35566S	-210-02	B	2026-03-13

TO BE READ IN CONJUNCTION WITH

-35566S-200-001
-35566S-201-01/02/03