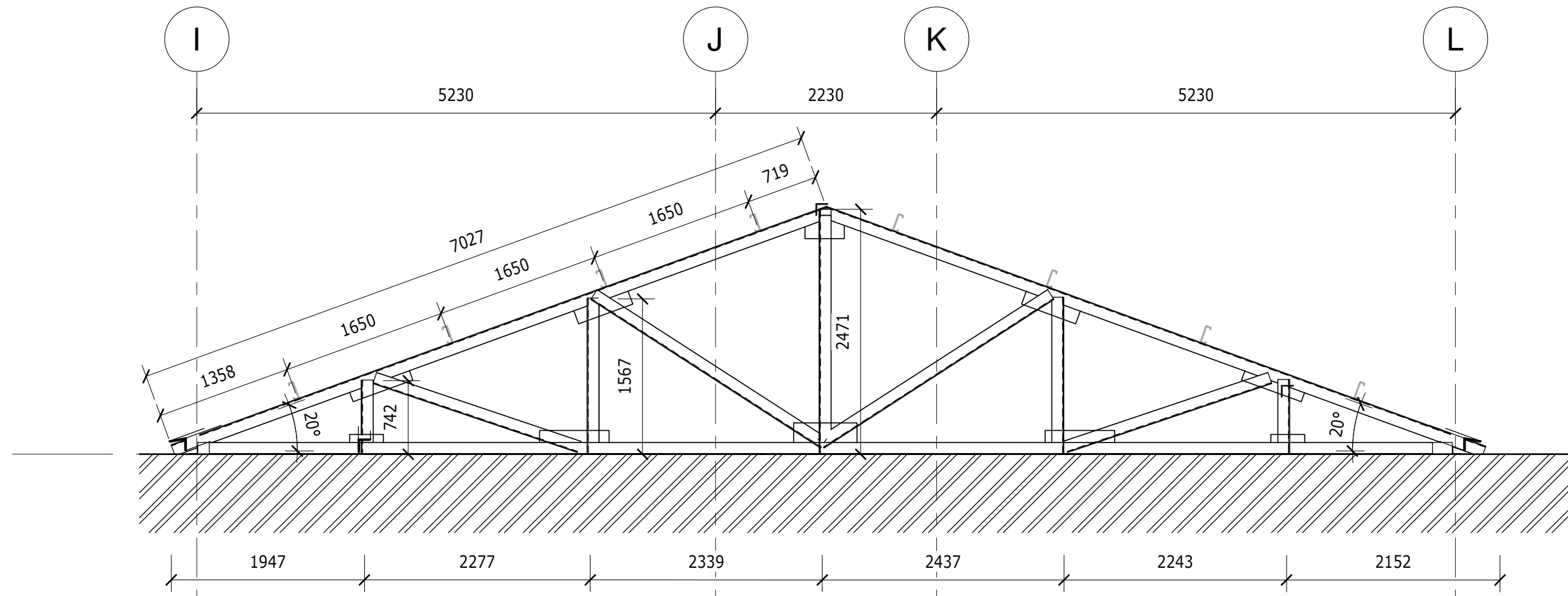


ALL MEMEBERS ARE SHOWN BELOW U.N.O  
TOP CHORD :120x120x8 ANGLE  
BOTTOM CHORD :120x120x8 ANGLE  
VERTICAL CHORD :80x80x6 ANGLE  
DIAGONAL CHORD :80x80x6 ANGLE  
PURLINS :175x50x25x3.5 C/LC

BRICKWORK TO BE BUILT TO  
UNDERSIDE OF TRUSS FOR SUPPORT

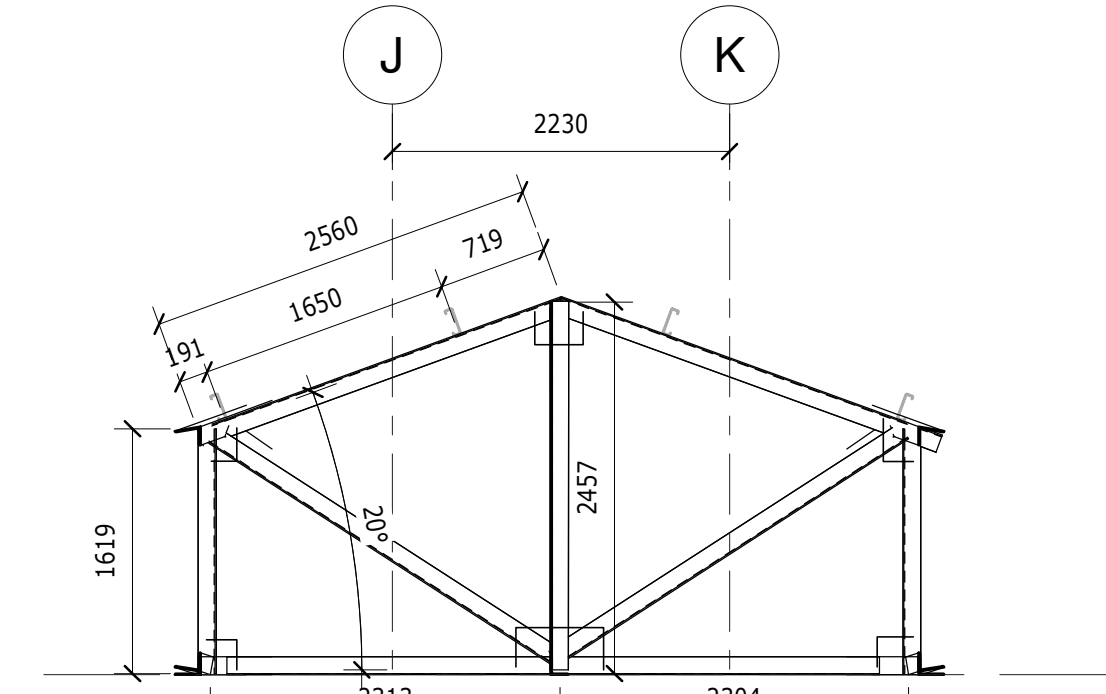
TRUSS 20  
SCALE 1 : 50



ALL MEMEBERS ARE SHOWN BELOW U.N.O  
TOP CHORD :120x120x8 ANGLE  
BOTTOM CHORD :120x120x8 ANGLE  
VERTICAL CHORD :80x80x6 ANGLE  
DIAGONAL CHORD :80x80x6 ANGLE  
PURLINS :175x50x25x3.5 C/LC

BRICKWORK TO BE BUILT TO  
UNDERSIDE OF TRUSS FOR SUPPORT

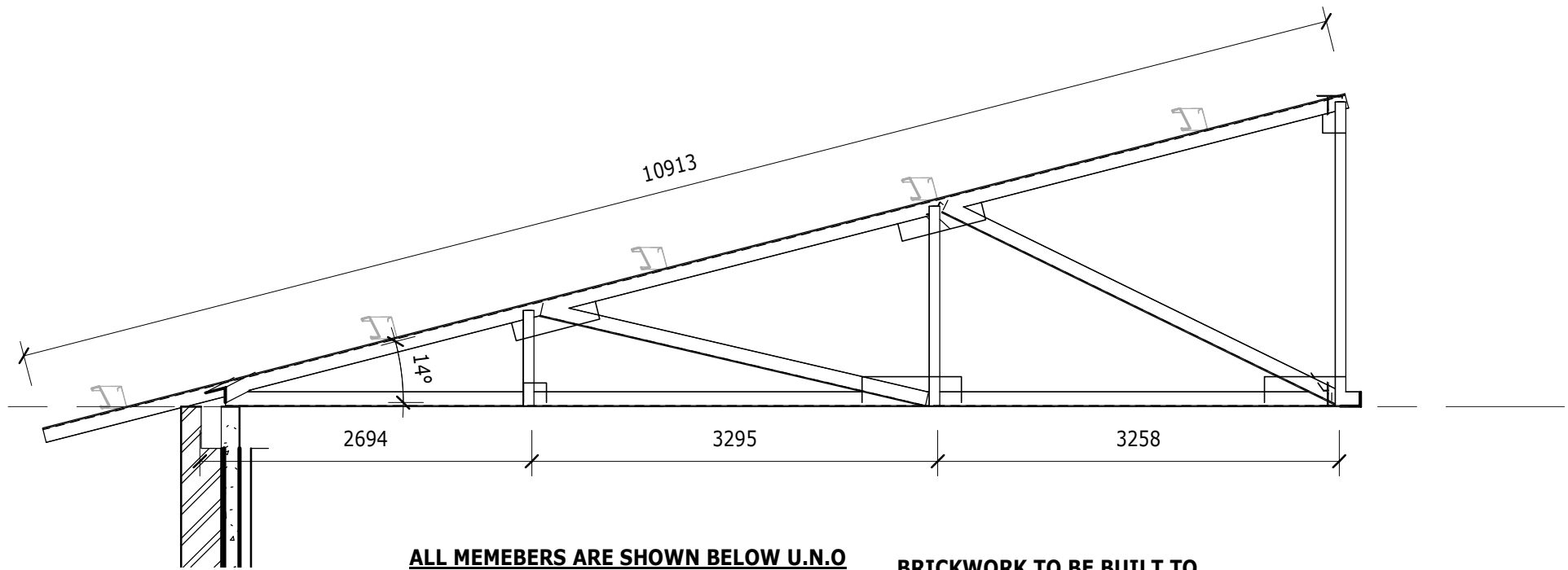
TRUSS 22  
SCALE 1 : 50



ALL MEMEBERS ARE SHOWN BELOW U.N.O  
TOP CHORD :120x120x8 ANGLE  
BOTTOM CHORD :120x120x8 ANGLE  
VERTICAL CHORD :80x80x6 ANGLE  
DIAGONAL CHORD :80x80x6 ANGLE  
PURLINS :175x50x25x3.5 C/LC

BRICKWORK TO BE BUILT TO  
UNDERSIDE OF TRUSS FOR SUPPORT

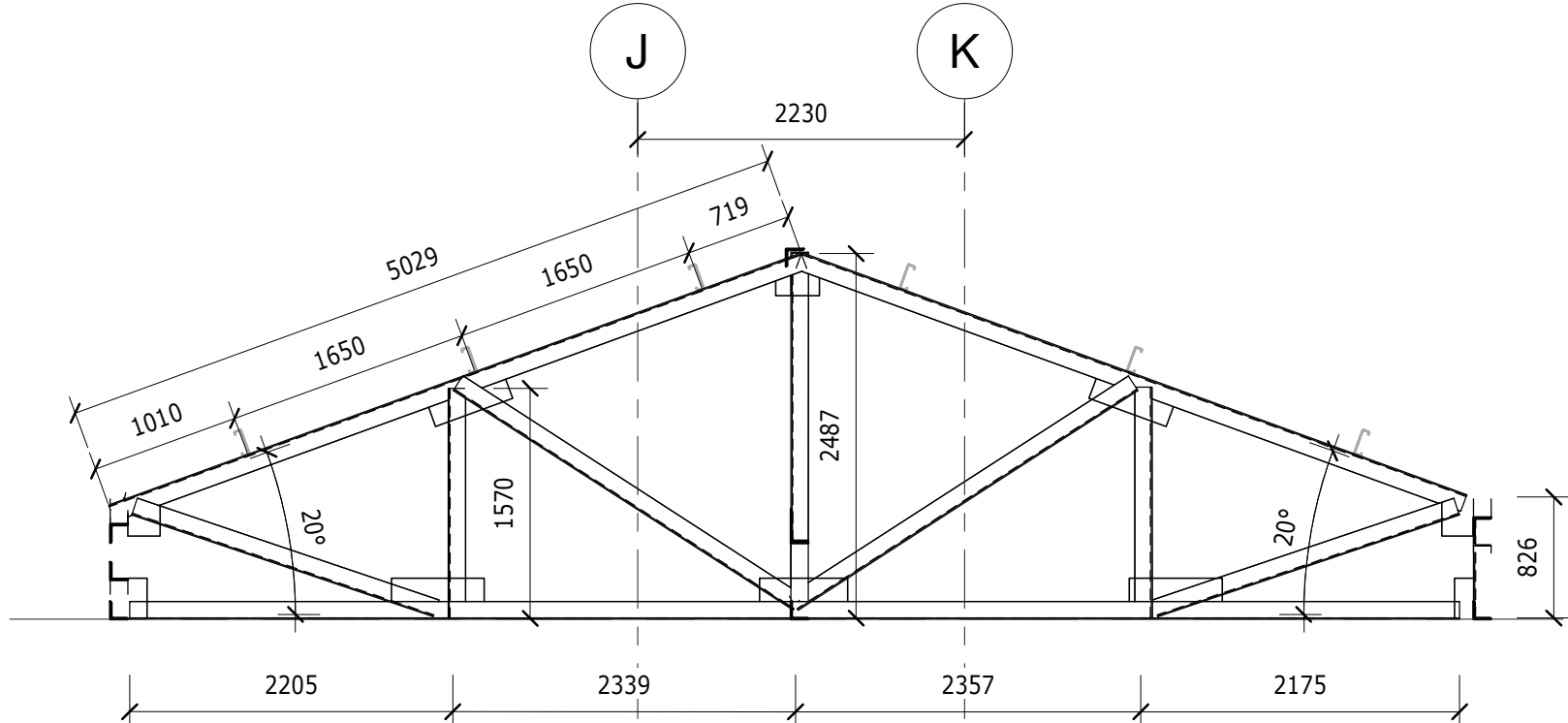
TRUSS 24  
SCALE 1 : 50



ALL MEMEBERS ARE SHOWN BELOW U.N.O  
TOP CHORD :120x120x8 ANGLE  
BOTTOM CHORD :120x120x8 ANGLE  
VERTICAL CHORD :80x80x6 ANGLE  
DIAGONAL CHORD :80x80x6 ANGLE  
PURLINS :175x50x25x3.5 C/LC

BRICKWORK TO BE BUILT TO  
UNDERSIDE OF TRUSS FOR SUPPORT

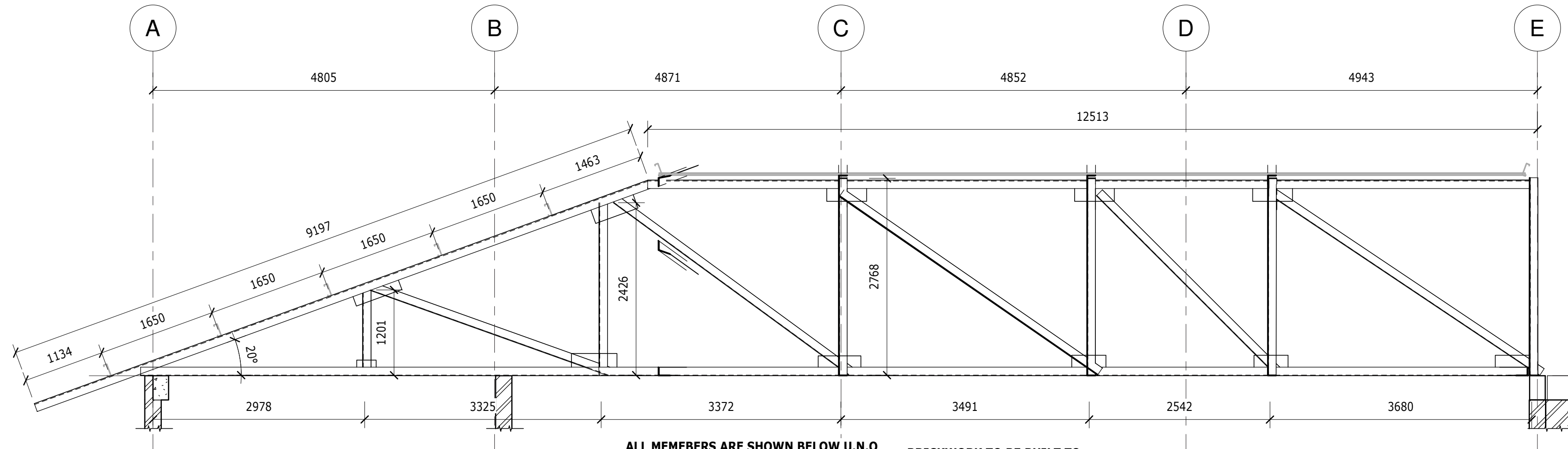
TRUSS 21  
SCALE 1 : 50



ALL MEMEBERS ARE SHOWN BELOW U.N.O  
TOP CHORD :120x120x8 ANGLE  
BOTTOM CHORD :120x120x8 ANGLE  
VERTICAL CHORD :80x80x6 ANGLE  
DIAGONAL CHORD :80x80x6 ANGLE  
PURLINS :175x50x25x3.5 C/LC

BRICKWORK TO BE BUILT TO  
UNDERSIDE OF TRUSS FOR SUPPORT

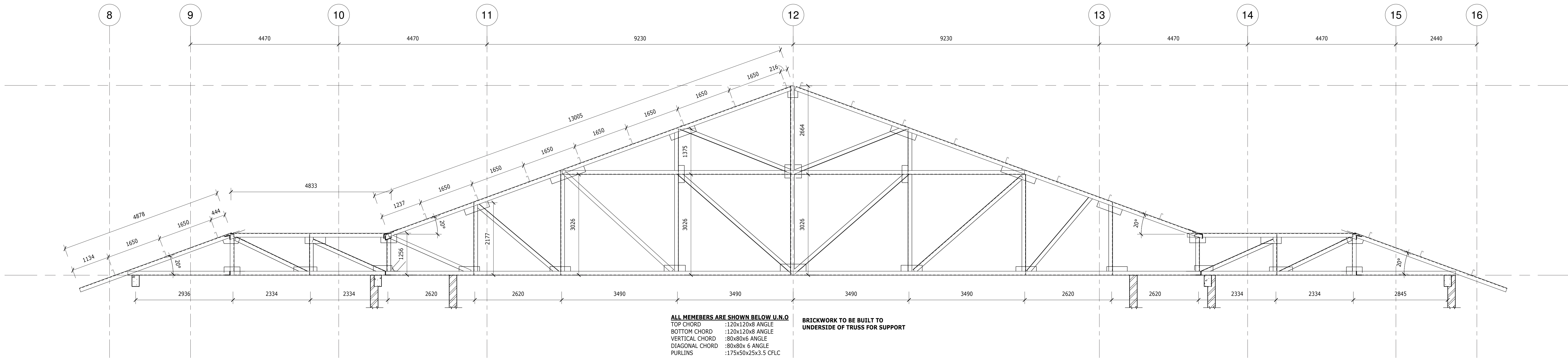
TRUSS 23  
SCALE 1 : 50



ALL MEMEBERS ARE SHOWN BELOW U.N.O  
TOP CHORD :120x120x8 ANGLE  
BOTTOM CHORD :120x120x8 ANGLE  
VERTICAL CHORD :80x80x6 ANGLE  
DIAGONAL CHORD :80x80x6 ANGLE  
PURLINS :175x50x25x3.5 C/LC

BRICKWORK TO BE BUILT TO  
UNDERSIDE OF TRUSS FOR SUPPORT

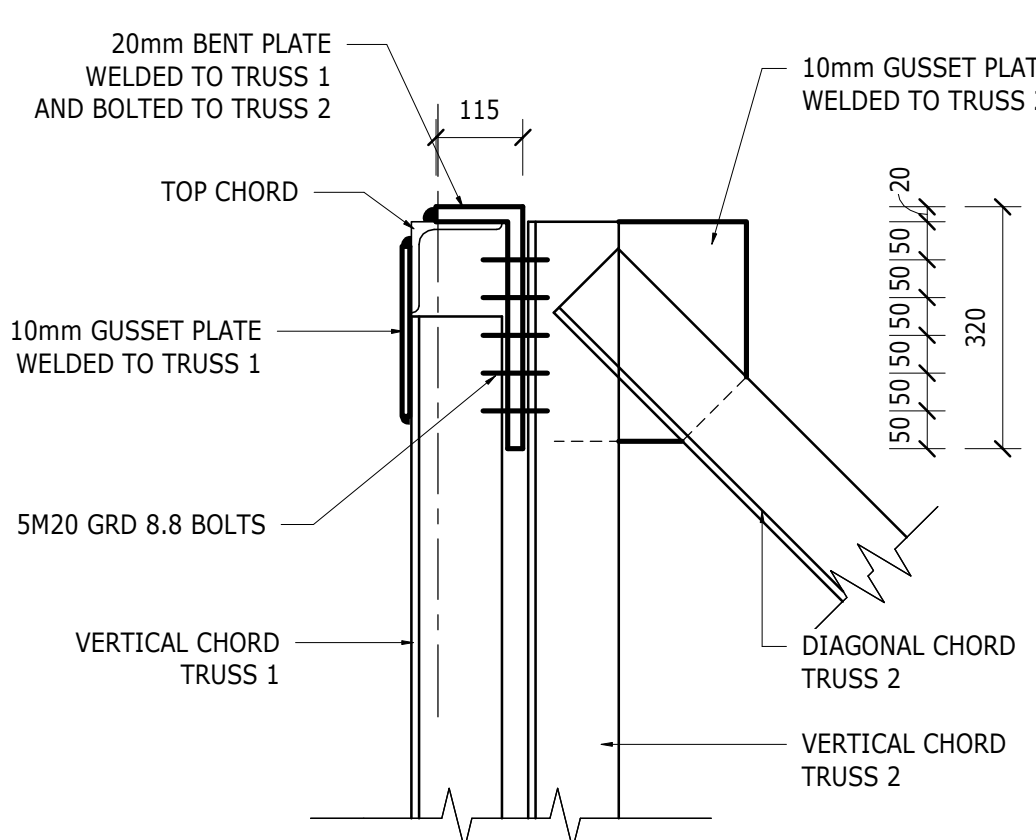
GIRDER TRUSS 1  
SCALE 1 : 50



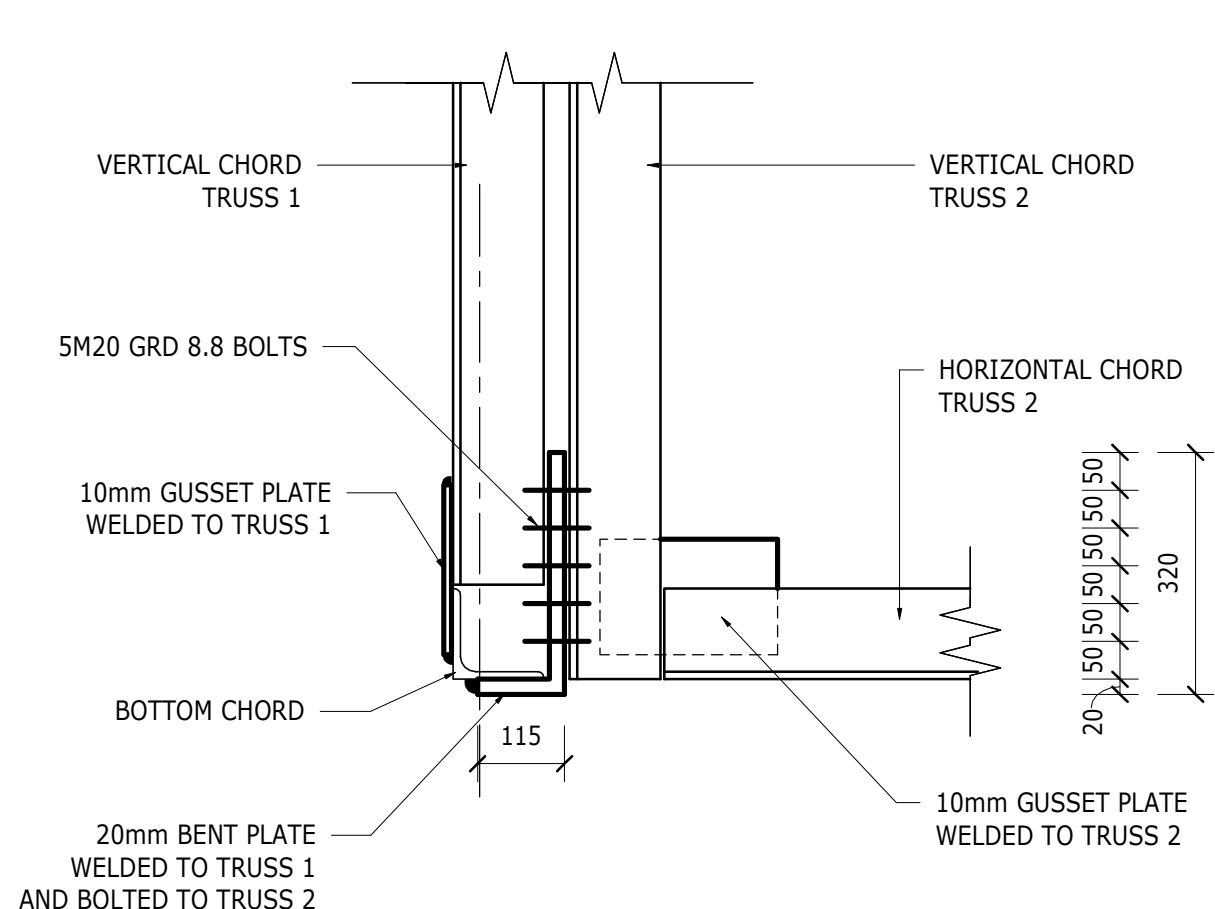
ALL MEMEBERS ARE SHOWN BELOW U.N.O  
TOP CHORD :120x120x8 ANGLE  
BOTTOM CHORD :120x120x8 ANGLE  
VERTICAL CHORD :80x80x6 ANGLE  
DIAGONAL CHORD :80x80x6 ANGLE  
PURLINS :175x50x25x3.5 C/LC

BRICKWORK TO BE BUILT TO  
UNDERSIDE OF TRUSS FOR SUPPORT

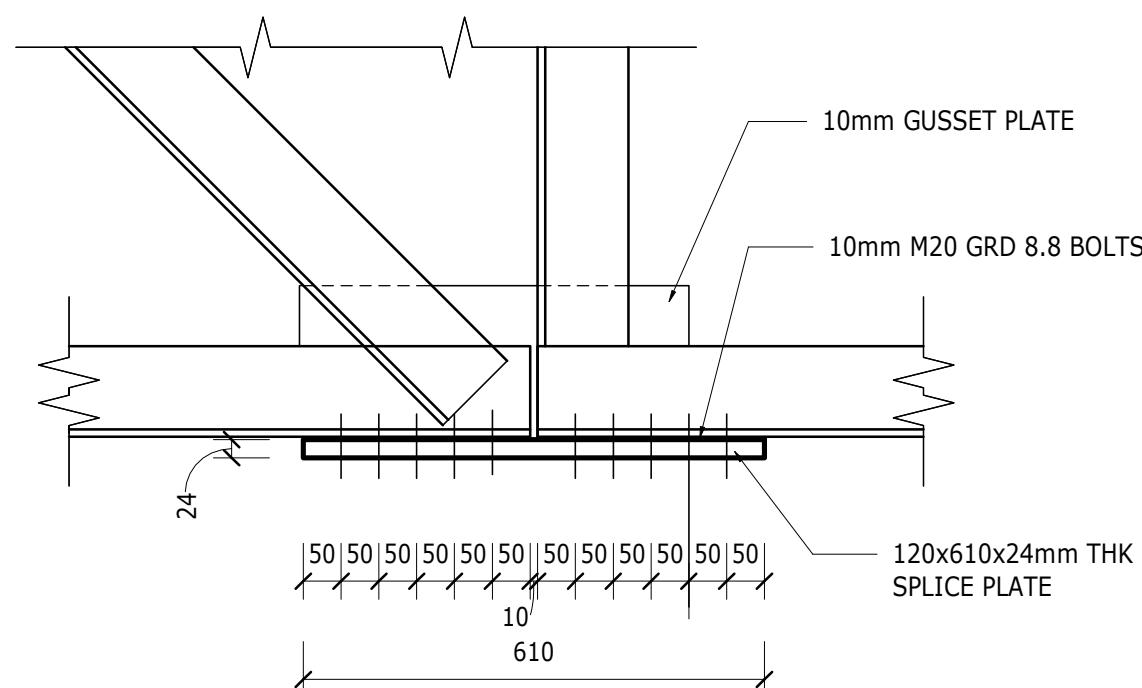
GIRDER TRUSS 2  
SCALE 1 : 50



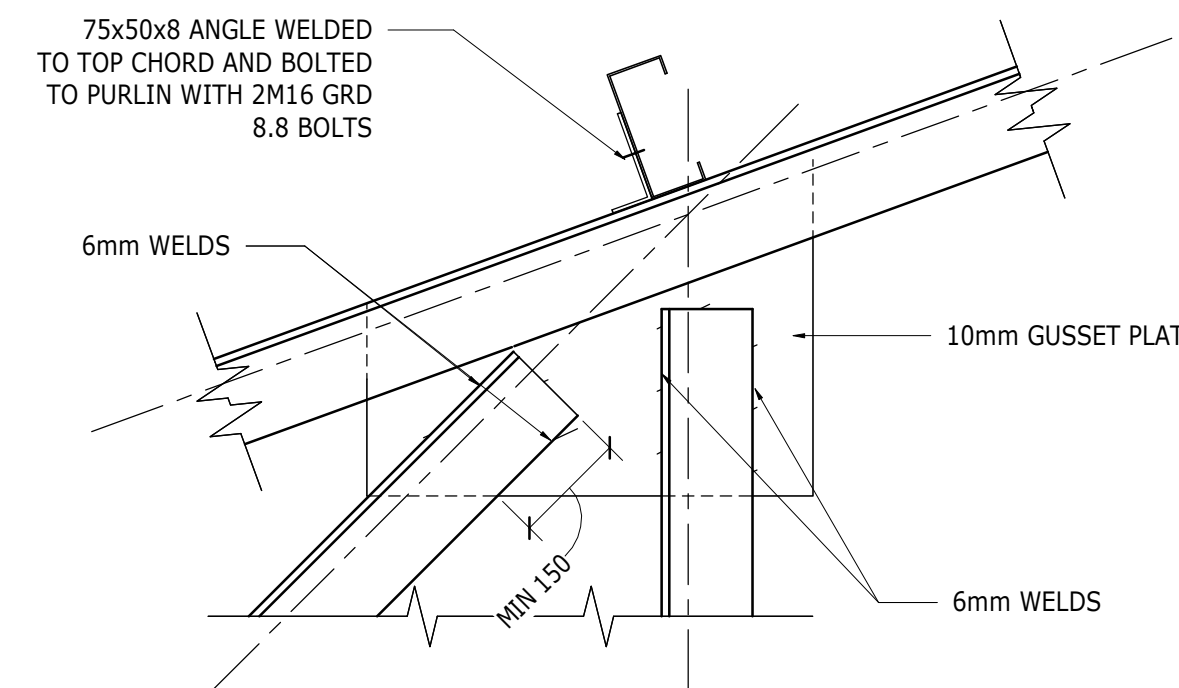
TYPICAL TOP TRUSS TO TRUSS CONNECTION  
SCALE 1 : 10



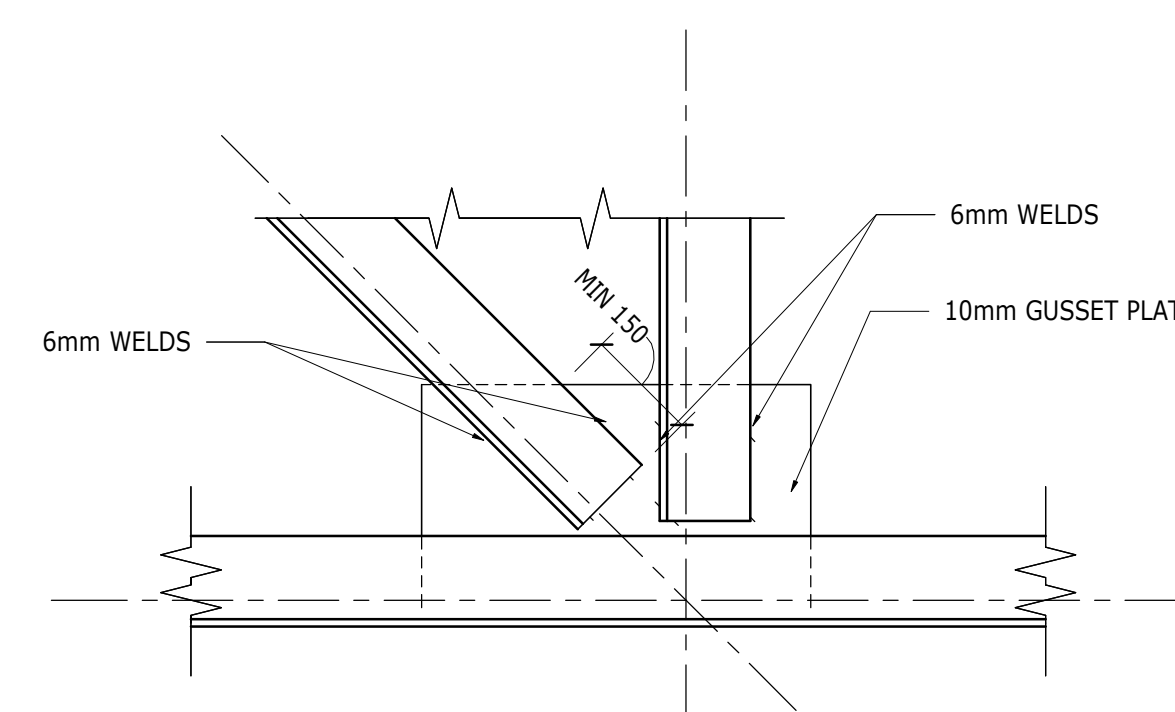
TYPICAL BOTTOM TRUSS TO TRUSS CONNECTION  
SCALE 1 : 10



TYPICAL SPLICE DETAIL  
SCALE 1 : 10



TYPICAL TOP GUSSET PLATE CONNECTION  
SCALE 1 : 10



TYPICAL BOTTOM GUSSET PLATE CONNECTION  
SCALE 1 : 10

N.B - SPLICES TO BE APPROXIMATELY 1/3 THE  
SPAN FROM BOTH SIDES TOP AND BOTTOM

N.B - REFER TO WORKSHOP DRAWINGS FOR CONSTRUCTION PURPOSES  
HEAVY TRUSSES TO BE SPLIT FOR TRANSPORTATION AND  
CONSTRUCTION PURPOSES.

TENDER

#### REVISION SCHEDULE

REV	DATE	DESCRIPTION	ISSUED BY	APPR BY
0	20-10-23	ISSUED FOR TENDER	AAF	RT

- STRUCTURAL STEEL NOTES:**
1. ALL STRUCTURAL STEEL TO BE GRADE S355JR UNLESS OTHERWISE SHOWN.
  2. ALL WELDS TO BE 6mm CONTINUOUS FILLET WELDS UNLESS SHOWN OTHERWISE AND TO CONFORM TO APPROVED STANDARDS (SABS044).
  3. ALL BOLTS TO BE M20 (GRADE 8.8) UNLESS OTHERWISE SHOWN (min. 2M16).
  4. APPLICATION:
    - PAINTESS MUST BE APPLIED TO THE REQUIRED THICKNESS STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION.
    - SHOP PAINTING:
      - APPLY ONE COAT OF ALKYL ZINC PHOSPHATE PRIMER ACCORDING TO MANUFACTURER'S SPECIFICATION TO A MINIMUM DRY FILM THICKNESS OF 40µm.
      - PAINTING AFTER ERECTION:
        - TOUCH-UP PRIMER ON SITE.
        - APPLY TWO COATS OF UNIVERSAL ENAMEL PAINT TO MANUFACTURER'S SPECIFICATION TO A MINIMUM DRY FILM THICKNESS OF 35µm (EACH COAT).
        - SECOND COAT TO BE APPLIED WITHIN 24 HOURS OF FIRST COAT.
  5. WORKSHOP DRAWINGS OF STRUCTURAL STEEL WORK TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
  6. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO FABRICATION OF STEEL.
  7. THIS DRAWING TO BE READ WITH THE RELEVANT CONCRETE AND ARCHITECTS LAYOUTS.
  8. ANGLES AND PLATES BELOW THE SCREED TO BE HOT DIPPED GALVANIZED SANS 121:2011 (ISO 1461:2009).
  9. SEE ARCHITECTS DRAWINGS FOR ALL SHEETING FLASHINGS, CLOSURES AND ISOBORD SPECIFICATION AND DETAILS.
  10. SEE ARCHITECTS DRAWINGS FOR ALL GUTTERS AND DOWN PIPES DETAILS.

CLIENT



CONSULTANT



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NAME	REG. NO.	SIGNATURE
A FORLEY	N/A	N/A

DESIGNED	1 MODISE	201470233
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PROJECT DESCRIPTION

TROMPSBURG SPECIAL  
NEEDS SCHOOL

DRAWING TITLE

DINING HALL  
TRUSS ELEVATIONS SHEET 4 OF 4 AND TYPICAL DETAILS

STATUS LEGEND

1 = INFORMATION  
CV = CONCEPT AND VIABILITY  
D = DESIGN DEVELOPMENT  
T = TENDER  
C = CONSTRUCTION  
AS BUILT

SHEET SIZE

A0  
SCALE  
As indicated

DISCIPLINE PROJECT NUMBER STATUS REVISION

STRUCTURAL CE00092-ST-DH-204 1 0