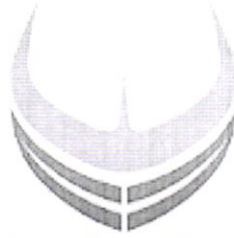


TENDER NO: UCSSL/CC/T/CIVIL/288 DT: 03-10-2024

**TENDER FOR MOVABLE SHED FABRICATION &
ERECTION WORK**



UDUPI COCHIN SHIPYARD LIMITED

**UDUPI COCHIN SHIPYARD LIMITED
MALPE, UDUPI 576108**





UDUPI COCHIN SHIPYARD LIMITED
Tender for Movable Shed Fabrication & Erection Work
UCSL/CC/T/CIVIL/288 DT: 03RD October 2024

TENDER NOTICE

Tender No. & date	UCSL/CC/T/CIVIL/288 DT: 03 rd October 2024
Name of work	MOVABLE SHED FABRICATION & ERECTION WORK AT UC SL MALPE FACILITIES.
Pre-Bid Meeting	14TH October 2024 (Monday), 10:30HRS
Last date & time of receipt of tender	18TH October 2024 (Friday), 15:30Hrs
Date & time of opening of Technical Bid (Part-I)	18TH October 2024 (Friday), 15:30Hrs

1. Password protected quotations in the prescribed form is invited from bidders for the work specified above, subject to the terms and conditions as mentioned in the annexure to the tender enquiry so as to reach the undersigned by email or through postal mode, as mentioned on or before the date and time as stipulated.
2. Pre-bid is mandatory and the bidders who are attending the pre-bid will only be considered for the further process for considering the bids being submitted, the bidders can also attend through online mode also, however to avail this, the bidder should send email request to contractcell@udupicsl.com on or before 12th October 2024.

3. The following shall be submitted along with the quote: -

PART- I: TECHNICAL BID

- a. **Tender document duly signed on all pages** - Including Terms & conditions and Scope of work placed at Annexure I.
- b. **The Techno commercial Check List** at Annexure V to be filled up completely and duly signed.
- c. Duly filled form at Annexure – II & III.
- d. **Unpriced Price bid** (Price bid without price and marked as “QUOTED”) to be submitted along with Part-I.

PART-II: PRICE BID

- a. The price bids shall be prepared based on the price bid format at Annexure IV.





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4. Mode of Submission of Quote:

- i. Bid shall be submitted as **Password Protected Zip File** in two parts.
Part I: Technical Bid – with all enclosures and annexures as mentioned in Para 2 above
Part II: Price Bid.
- ii. The files are to be forwarded as Two (2) separate password protected Zip files to **contractcell@udupicsl.com**
- iii. **Part I and Part II are to be protected with separate and distinctly different passwords.**
- iv. The Bids will be opened on online mode during which the bidder will be advised to share the password through SMS with which the technical bid will be opened.
- v. The price bids will be opened after technical evaluation and **only the technically qualified bidders will be invited for opening of price bids** which shall also be conducted on online mode as below.
- vi. The bidders can also attend the bid opening physically at Udupi Cochin Shipyard Limited, Baputhotta Ware house complex Office, Udupi, Karnataka.
- vii. The contractors can also submit the quotations in sealed covers (Two-Bid) – as separate sealed covers for Technical Bid and Price bid, both enclosed in a common sealed cover to reach the below mentioned address before the stipulated time.
5. The bidders shall ensure the receipt of bids at contractcell@udupicsl.com An acknowledgement mail shall be sent to the bidders on receipt of bids. UCSL takes no responsibility for delay, loss or non-receipt of tenders by mail by the stipulated time.
6. The tender should be addressed to the **Assistant General Manager (Materials & Contract Cell), Udupi Cochin Shipyard Limited, Malpe Harbor Complex, Malpe, Udupi-576 108, Karnataka, India.**
7. No deviations on the tender conditions will be accepted, and bids with deviations will be considered technically disqualified. The acceptance of a tender or part thereof will rest with the Assistant General Manager (Materials & Contract Cell), Udupi Cochin Shipyard Limited and reserves the authority to reject the tender received without assigning any reason.
8. Contact Person: Mr. GIRISHA (U&M Dept) Ph No: +91 9986 977 749,
Mr. SARUN BABU E B (Contract Cell), Ph. No: +91 8592 048 487.

Assistant General Manager (Materials & Contract Cell)

सरुन बाबू ई बि
SARUN BABU E B
सहायक प्रबंधक/ASSISTANT MANAGER
उडुपि कोचीन शिपयार्ड लिमिटेड
UDUPI COCHIN SHIPYARD LIMITED
माल्पे, कर्नाटक/MALPE, KARNATAKA-576 108





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TERMS AND CONDITIONS

TENDER FOR FABRICATION & ERECTION OF MOVABLE SHED

Scope of work

1. Description of Work

1.1. This requirement pertains to the awarding of Movable shed Fabrication and erection works including all connected hot works and to the satisfactory completion of fabrication and erection works in accordance with the requirements of UCSL.

Movable shed size: **Length 12 meters x Width 18 Meters x Height 15 Meters**

Number of Sheds: 4 Numbers

- TYPE 1 – (Normal shed Weight) – 52 Ton Approx - 2 Numbers
- TYPE 2 – (Taller Shed Weight) – 56 Ton Approx - 2 Numbers

Reference Documents (Drawing and Bill of Materials)

1.1.1.1.	RS0776S007A2R00
1.1.1.2.	RS0776S008A1R00
1.1.1.3.	RS0776S009A1R01
1.1.1.4.	RS0776S010A2R00
1.1.1.5.	RS0776S011A1R00
1.1.1.6.	RS0776S012A1R01
1.1.1.7.	BILL OF QUANTITIES WITH SPECIFICATIONS MOVABLE SHED TYPE 2
1.1.1.8.	BILL OF QUANTITIES WITH SPECIFICATIONS MOVABLE SHED TYPE 1

1.2. Scope Of Work

- Fabrication & Erection of Movable Shed – 4 Numbers (two different sized sheds of 2 no's each)
- The Fabrication work is to be carried out at the vendor location and Erection shall be done at UCSL Malpe yard.
- Transportation, loading, and unloading of all the fabricated structures and other materials are under the scope of the contractor. However, crane for unloading at UCSL will be provided by UCSL.
- Movable shed Fabrication & Erection as per the attached drawings – 208 Tons (Approx). The payment will be done on the actual measurement or weight.
- Work scope of fabrication includes cleaning, Straightening/ Bending, Cutting, Drilling, Threading Welding, Fabricating, Handling, Transporting, Splicing, Fixing Assembling, and Correcting. Cost and conveyance of all materials, all accessories, hire charge of tools and plants, welding equipment cost of electrodes, cost of bolts, nuts, and washers, all labor other incidentals, etc, complete (Provision of bolt holes to be made as required at no extra cost). All as per the drawing's technical specification and as directed by the Engineer in charge.




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- Fixing of rails -CR80 to the foundation base plates to be done by the contractor in proper alignment and level. Rail will be supplied by UCSL
- As per the drawing Moveable shed wheel will also be supplied by UCSL and the same needs to be fixed by the vendor.
- Fixing of Roof sheets, vertical cladding sheets, ridge pieces, end flashing pieces, Gutter and drain water pipes in self-tapping screws with a **cyclone washer**.
- All structural bolts shall be grade 8.8

- Surface preparation and painting shall be done as per UCSL Specifications. This scope is part of the Vendor. Detailed procedures & specifications are given below:
 - All dirt or unwanted substances, like mud, oil /grease shall be removed from the metal surface by using petroleum hydrocarbon solvent to IS: 1745. The surface will be prepared by blasting to **Sa 2-1/2 to IS: 9954 i.e. near a white metallic surface.**
 - **Primer Coat:** Apply two coats of anticorrosive epoxy to 200 microns min. of 2 Coats. (2x100 =200 Microns.
 - **Finishing Coat:** Apply single coat of PU coat in 50 microns. The total DFT of paint works must be 250 microns.

- Mobilization of entire labour / Workmanship (Skilled/Semiskilled/Unskilled) required for the construction of the movable shed in accordance with the specifications and drawings provided by UCSL.
- Project Execution, supervision, management, and reporting of all the tasks/activities associated with the construction of the shed as above.
- Ensuring best housekeeping practices to keep the work premises neat and clean.

The scope of the contractor also includes:

- Collection, Transportation/unloading of materials / other equipment from UCSL shops/stores to contractor's site/skid in UCSL premises. (Only material which is under UCSL Scope)
- Maintaining the required Dimensional accuracy and surface finish as per UCSL Standards.
- Providing all personnel protective items like safety helmets, gloves, welding shields, goggles, leg guards, safety belts, aprons, safety shoes, etc. to their employees.

1.3 SCOPE OF SUPPLY / WORK OF UCSL

- Providing the required applicable drawings with BOQ.
- Materials as specified in the below table for the Fabrication of sheds (i.e. steel plates) shall be supplied by UCSL.

The scope of UCSL also includes the supply of the following materials:

- Steel Plates as mentioned in the below table 1.5. (Approx qty 90.00 Tons). **However, the transportation of all these plates from the UCSL Hangarakatte facility to the contractor's workshop location is under the scope of the contractor.**
- Rail and wheel will be supplied by UCSL.
- Supply of electricity and water while erection at the UCSL site shall be provided by UCSL.
- Crane/Hydra at UCSL premises will be provided by UCSL.




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1.4 Infrastructure and consumables:

- Welding electrode and all other consumables such as cutting wheels, grinding wheels, cutting gas (DA and oxygen only), etc., are under the scope of the contractor.

1.5 Material Scope: Please refer below
• Type 1 Normal Shed: Bill of quantities with specifications (for Each shed)

Sl No	Item Description	UoM	Quantity	Scope of Material Supply	
				Vendor	UCSL
1	E250-ISM 75	KG	10800	Vendor	
2	E250-ISM 150	KG	13500	Vendor	
3	E250-ISM 200	KG	650	Vendor	
4	E250-ISMB 300	KG	2650	Vendor	
5	E250-ISM 300 (300X90)	KG	2000	Vendor	
6	E250- 8mm thk Plate	KG	6150		UCSL
7	E250- 12mm thk Plate	KG	5600		UCSL
8	E250- 20mm thk Plate	KG	290		UCSL
9	E250- 25mm thk Plate	KG	7600		UCSL
10	E250-Sag Rods Like 12 Dia (588 No's, Threading on Both side)	KG	705	Vendor	
11	E250-Bracing Rods 20 Dia (192 No.s, Threading on Both side)	KG	1700	Vendor	
12	E250-ISA 100x100x8	KG	770	Vendor	

• Type 2 Taller shed: Bill of quantities with specifications (for Each shed)

Sl No	Item Description	UoM	Quantity	Scope of Material Supply	
				Vendor	UCSL
1	E250-ISM 75	KG	10800	Vendor	
2	E250-ISM 150	KG	13500	Vendor	
3	E250-ISM 200	KG	650	Vendor	
4	E250-ISMB 300	KG	2650	Vendor	
5	E250-ISM 300 (300X90)	KG	2000	Vendor	
6	E250- 8mm thk Plate	KG	5600		UCSL
7	E250- 12mm thk Plate	KG	9250		UCSL
8	E250- 20mm thk Plate	KG	290		UCSL
9	E250- 25mm thk Plate	KG	7600		UCSL
10	E250-Sag Rods Like 12 Dia (588 No's, Threading on Both side)	KG	705	Vendor	
11	E250-Bracing Rods 20 Dia (192 No.s, Threading on Both side)	KG	1700	Vendor	
12	E250-ISA 100x100x8	KG	770	Vendor	




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- Fixing of CR80 rails for the shed

Sl. No	Item Description	UoM	Quantity	Scope of Material Supply	
				Vendor	UCSL
1	Fabrication and fixing of CR 80 rails in proper line and level on the foundation base plate including fixing of shim plates if required to maintain the level and all the consumables etc., complete.	Rmt	150		UCSL

- Painting works quantity (For Each shed)

Type 1 Normal Shed: (for Each shed)				
Sl No	Item Description	UoM	Quantity	Area Sq.m
1	E250-ISM 75	KG	10800	492.3529
2	E250-ISM 150	KG	13500	493.9024
3	E250-ISM 200	KG	650	20.58824
4	E250-ISMB 300	KG	2650	65.44348
5	E250-ISM 300	KG	2000	30.8788
6	E250- 8mm thk Plate	KG	6150	195.8599
7	E250- 12mm thk Plate	KG	5600	118.896
8	E250- 20mm thk Plate	KG	290	3.694268
9	E250- 25mm thk Plate	KG	7600	77.45223
10	E250-Sag Rods Like 12 Dia (588 No's, Threading on Both side)	KG	705	9.505618
11	E250-Bracing Rods 20 Dia (192 No.s, Threading on Both side)	KG	1700	13.87755
12	E250-ISA 100x100x8	KG	770	25.04065
Total Qty				1547.491

Type 2 Taller shed (for Each shed)				
Sl No	Item Description	UoM	Quantity	Area Sq.m
1	E250-ISM 75	KG	10800	492.3529
2	E250-ISM 150	KG	13500	493.9024
3	E250-ISM 200	KG	650	20.58824
4	E250-ISMB 300	KG	2650	65.44348
5	E250-ISM 300	KG	2000	30.8788
6	E250- 8mm thk Plate	KG	5600	178.3439
7	E250- 12mm thk Plate	KG	9250	196.3907
8	E250- 20mm thk Plate	KG	290	3.694268
9	E250- 25mm thk Plate	KG	7600	77.45223
10	E250-Sag Rods Like 12 Dia (588 No's, Threading on Both side)	KG	705	9.505618
11	E250-Bracing Rods 20 Dia (192 No's, Threading on Both side)	KG	1700	13.87755
12	E250-ISA 100x100x8	KG	770	25.04065
Total Qty				1582.4298




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•Normal and Taller Shed: Roofing and Cladding materials (Qty mention for each shed)

Sl. No	Item Description	UoM	Quantity	Scope of Supply	
				Vendor	UCSL
1	Providing and fixing Roofing sheet (size, shape, and pitch 0.1 corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) as per AS-1397 standard coating class AZ150 zinc aluminum alloy coating mass of 550 Mpa steel grade, Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 12 meter with or without crimping or as desired by Engineer In- charge. The sheet shall be fixed using self-drilling /self-tapping screws of size (5.5x 55 mm) with EPDM seal, complete up to any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters, and trusses and including cutting to size and shape wherever required including all kind of charges. All as per the drawings, and technical specification and directed by the Engineer in charge.	Sq.m	350	Vendor	
2	Providing and fixing precoated galvanized iron profile sheets (size, shape, and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 Mpa steel grade, 5-7 microns epoxy primer on both sides of the sheet, and polyester top coat 15-18 microns. The sheet should have a protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single lengths up to 12 meters or as desired by Engineer In- charge. The sheet shall be fixed using self-drilling/self-tapping screws of size (5.5x 55 mm) with EPDM seal, complete up to any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters, and trusses and including cutting to size and shape wherever required, including all kind of charges. As per the drawings, technical specification and directed by the Engineer in-charge.	Sq.m	490	Vendor	
3	Providing and fixing precoated galvanized steel sheet Ridges plain, Minimum of 300mm on both sides (600mm) 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 Mpa steel grade, 5-7 microns epoxy primer on both sides of the sheet and polyester top coat 15-18 microns using self-drilling/ self-tapping screws complete, with all necessary clamps, bends etc. and including all kind of charges. All as per the drawings, and technical specifications/directed by the Engineer in-charge.	R.m	14	Vendor	
4	Providing and fixing precoated galvanized steel sheet Gutter 600mm overall girth) 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both sides of the sheet and polyester top coat 15-18 microns using self-drilling/self-tapping screws complete, with all necessary clamps, bends, etc., including all kind of charges. All as per the drawings, and technical specifications/directed by the Engineer in charge.	R.m	24	Vendor	




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5	Providing and fixing precoated galvanized steel sheet Flashings/End Finishes/ Aprons. (up to 600 mm) 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 Mpa steel grade, 5-7 microns epoxy primer on both sides of the sheet and polyester top coat 15-18 microns using self-drilling/self-tapping screws complete, with all necessary clamps, bends, etc., including all kind of charges. All as per the drawings, and technical specifications and directed by the Engineer in-charge.	115	Vendor
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2 SCHEDULE OF COMPLETION OF MOVABLE SHED

- 2.1 Movable shed construction is required to be completed within 90 days duration from the date of issue of the Purchase Order.
- 2.2 The contractor must submit a detailed schedule of work with different stages of activities to UCSL before the commencement of work.

Note: The above Movable shed fabrication & Erection completion date is inclusive of fixing the roof sheet and commissioning activities.

3 WORK PROGRESS AND SCHEDULE

- 3.1 The construction of the sheds shall commence and be completed as per the schedule of completion indicated art clause no. 2 above.
- 3.2 The work is urgent and hence the contractor should start the work within 7 days from the issue of workorder.

4 ADDITIONAL WORKS

- 4.1 This is a turnkey job and any additional work up to 5% growth of work in terms of total weight is to be envisaged and is to be undertaken without any additional price impact.
- 4.2 Any minor modifications, resulting from the change in statutory regulations prevailing at the time of final inspection of work to be carried out by the Contractor free of cost. In case of rework/modification/additional work, written consent is to be obtained from the officer in charge before the commencement of the work.
- 4.3 Contractor shall carry out the complete work in accordance with Shipyard's approved drawings. Any minor modifications from drawing or any other work or supply of material, which is not specified hereunder, but is considered incidental and essential for the successful completion of the job shall be carried out by the Contractor without any additional charge.
- 4.4 Contractor shall execute, during or after completion of the work, any minor job connected with the work, that is considered necessary by Shipyard.
- 4.5 The contractor shall be responsible for any damage caused to the material supplied by UCSL. Compensation with penalty for damage or loss of the item will be recovered from the Contractor, in the event of loss or damage.

5 INSPECTION

- 5.1 The complete work has to be carried out under the UCSL officer in charge.
- 5.2 Contractor to maintain the required dimensional accuracy and surface finish as per quality standards (to be provided by UCSL).
- 5.3 All works shall be as per strict compliance with weight control and approved UCSL drawings.





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6 MINIMUM QUALIFICATION CRITERIA FOR PARTICIPATING IN THE TENDER WILL BE AS FOLLOWS

6.1 The contractor shall have successfully completed of at least two heavy engineering/structural works in last 5 years from the date of issue of tender document. The value of each work should not be less than Rs. 20 lakhs. For ongoing work, relevant certification from client shall be submitted along with copy of Purchase Order.

Or

The contractor shall have successfully completed of at least three works in the field of shipyard/heavy engineering industries/ Oil & gas industries for the last 5 years from the date of issue of tender document. The value of each work should not be less than Rs. 10 lakhs. Satisfactory completion certificate from the Client for work done should be submitted along with bid. For ongoing work, relevant certification from client shall be submitted along with copy of Purchase Order.

6.2 The Annual Turnover of the contractor should be more than Rs. 1 Crores in each financial year for the last three preceding years. (Audited Balance sheets showing turnover, Profit & Loss account of the firm for the preceding 03 years (2020-21, 2021-22, 2022-23) should be submitted along with the application for prequalification).

6.3 Offers from joint ventures/consortium will not be accepted.

6.4 Bidder shall not be under a declaration of ineligibility issued by Govt. of India/ State govt./ Public Sector Undertakings etc. The bidder shall not have been debarred / black listed by UCSL or by any of the Public Sector Undertaking or Government department etc.

7 METHOD OF AWARDING CONTRACT

7.1 Contract will be concluded with Bidder qualifying technically (including eligibility criteria), agreeing to Commercial conditions (Annexure VI) and emerging as L1.

7.2 UCSL also reserves the right to split the work orders to any number of bidders willing to match with L1 rate, if the performance of selected bidder is not satisfactory.

7.3 UCSL reserves the right to cancel the tender if required.

8 VALIDITY

8.1 The offer shall be valid for a period of 12 months and no escalation in rate shall be allowed by UCSL on whatsoever reason.

9 RATE

9.1 Rates are to be quoted in the Price Bid Format at Annexure V attached herewith.

10 PAYMENT TERMS

10.1 Payment will be done in Two (02) stages:

STAGE-I:

1. 70% of the value of the total materials supplied with necessary Test Certificates/documentation, as applicable for the materials, with acceptance and certification by the UCSL officer-in-charge.
2. Balance 30% of the supply value will be released, only after satisfactory completion & commissioning of the entire work and acceptance by UCSL.





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STAGE-II:

1. 100% can be paid after satisfactory completion of the work including commissioning of sheds.
- 10.2 Payment shall be made within 30 days from the date of submission of bill and work completion certificate from the executing UCSL officer.
- 10.3 Invoice shall be submitted with necessary work completion certificate duly certified by UCSL representative on actuals.
- 10.4 Payment will be made by RTGS/NEFT to the account of Agency. The name of the bank, branch, A/C No., IFSC code & other particulars shall be furnished by the Agency in the proforma of UCSL.

11 TAXES & DUTIES

- 11.1 GST shall be applicable extra on the prescribed work. You are requested to furnish the following details in the invoice/Bill.
 - Applicable rate of GST/SAC Code
 - Firms GST Reg. NO.
 - Service accounting code (SAC) as prescribed by statutory authorities.
 - GST Reg. No. of Udupi Cochin Shipyard Limited(**29AAACT1281B1ZO**).

12 SECURITY DEPOSIT

- 12.1. The successful tenderer shall remit 5% of the value of the contract as security deposit within 15 days of receipt of the work order. This amount may be remitted by way of demand draft or bank guarantee (in approved proforma of UCSL) from any of the nationalized banks, valid till the satisfactory completion of the entire work. The Security Deposit will be released on certification of satisfactory completion of the contract and no liability to UCSL by Officer-in charge. The Security Deposit retained will not bear any interest.

13 PERFORMANCE GURANTEEE

- 13.1. The complete work carried out by the contractor shall be guaranteed against defective on poor workmanship for a period of One year from the date of completion of work, whichever is earlier. Any work found defective during this period is to be repaired entirely at the contractor's cost and such repaired items shall be guaranteed for a further period of three months from the date of repair.
- 13.2. Should any unsatisfactory performance and / or damage or failure occur due to poor workmanship and poor-quality material used by the contractor, the contractor shall be solely responsible for payment/reimbursement of expenditure incurred by UCSL for rectifying the defect.
- 13.3. Towards this, a performance guarantee equivalent to 5% of the value of the contract to be furnished by the contractor on completion of the works by way of a bank guarantee (in approved proforma of UCSL) from a nationalized bank valid till the expiry of the guarantee period. In case the contract fails to submit the PG in time, SD mentioned at Clause 12 will be retained till the expiry of guarantee period.

14 LIQUIDATED DAMAGES

- 14.1. The progress of work will be monitored against the mutually agreed detailed schedule. Liquidated damages for delays in engagement of manpower as per the requirement, for any reason other than force majeure conditions, will be recovered at the rate of half percent of the value of the contract per week or part thereof, subject to a maximum of ten (10) percent of the value of the contract.





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- 14.2. For better clarity, order values mentioned in LD clause are values excluding duties and taxes (Basic value). Liquidated damages, if any, shall be decided and settled only after the completion of the entire project but prior to the release of Final stage Payment.
- 14.3. If, for any reasons, supplier has a justification towards delay in supply / work execution and would intend to consider applicability/ non applicability of LD, the same shall be intimated to UCSL by way of a letter, failing which it will be deemed that delay is attributable to the supplier.
- 14.4. Delay in supply/Interruption of the work for reasons not attributable to supplier shall entitle extension of the order execution period for proportionate period without any additional cost to UCSL.

15. POWER OF ATTORNEY

- 15.1. The tenderer(s) shall have to sign in each page of the tender documents with official stamp as a token of his acceptance of the conditions stated therein.
- 15.2. The person signing the tender form on behalf of another or on behalf of a firm, shall enclose to the tender, a Power of Attorney or the said deed duly executed in his favour or the partnership deed giving him such power showing that, he has the authority to bind such other persons or the firm, as the case may be, in all matters pertaining to the contracts. If the Person so signing the tender, fails to enclose the said Power of Attorney, his tender shall be liable for being summarily rejected. The Power of Attorney shall be signed by all partners in the case of partnership concern, by the Proprietor in the case of a proprietary concern, and by the person who by his signature can bind the company in the case of a Limited Company.

16. TERMINATION & LIMITATION OF LIABILITY

- 16.1. This contract may be terminated upon the occurrence of any of the following events
- 16.2. By agreement in writing of the parties hereto;
- 16.3. By the non-defaulting party, upon default by the other party, of any clause of this contract, if not remedied within fifteen (15) days, or such longer time as may be agreed upon by the parties, after receipt of notice thereof in writing from the non-defaulting party;
- 16.4. By the other party, upon either party;
- i. Making the assignment for the benefit of creditors, being adjudged a bankrupt or becoming insolvent; or
 - ii. Having a reasonable petition filed seeking its' dissolution or liquidation, not stayed or dismissed within sixty (60) days; or
 - iii. Ceasing to do business for any reason.
- 16.5. For fraud and corruption or other unacceptable practices.
- 16.6. Upon expiry or termination of this Contract, neither party shall be discharged from any antecedent obligations or liabilities to the other party under this Contract unless otherwise agreed in writing.
- 16.7. UCSL may by notice in writing to Agency to terminate the order after issuing due notice i.e., 30 days' notice period. UCSL shall be entitled to compensation for loss limited to the order value.
- 16.8. Liability maximum that can be claimed by the Agency shall be limited to what is due to be and has been paid by UCSL for work done as per the payment milestones and limited to work order value.





UDUPI COCHIN SHIPYARD LIMITED

Tender for Movable Shed Fabrication & Erection Work
UCSL/CC/T/CIVIL/288 DT: 03rd October 2024

17. ARBITRATION & JURISDICTION

- 17.1. Any disputes arising during the period of the contract shall, in the first instance be settled by mutual discussions and negotiations. The results of such resolution of dispute shall be incorporated as an amendment to the contract, failing which supplier shall approach the UCSL Grievance Redressal Committee as per relevant clause of the Contract.
- 17.2. If any dispute, disagreement or question arising out of or relating to or in consequence of the contract, or to its fulfillment, or the validity of enforcement thereof, cannot be settled mutually or the settlement of which is not herein specifically provided for, then the dispute shall within thirty days from the date either party informs the other in writing that such disputes, disagreement exists, be referred to arbitration. The arbitrators shall be appointed and the arbitration proceedings shall be conducted in accordance with and subject to the Arbitration and Conciliation Act, 1996 (No. 26 of 1996) as amended from time to time and the decision of the Arbitrators shall be final and binding on the parties hereto. The arbitration will be done by a Board comprising one arbitrator nominated by each party, and a mutually agreed Umpire. Each party shall bear its own cost of preparing and presenting its case. The cost of arbitration shall be shared equally by the parties unless the award provides otherwise. Performance under this Contract shall however, continue during arbitration proceedings and no payment due or payable by the parties hereto shall be withheld unless any such payment is or forms a part of the subject matter of arbitration proceedings.
- 17.3. Seat & Venue of Arbitration: The seat & venue of arbitration shall be at Bangalore.
- 17.4. Language of Arbitration: The Language of arbitration shall be English.
- 17.5. Governing Law: The contract shall be governed by Indian Law
- 17.6. In case of disputes, the same will be subjected to the jurisdiction of courts at Bangalore, Karnataka.

18. SUB CONTRACTING AND ASSIGNMENT

- 18.1. Contractor shall not assign or transfer the Purchase Order/ Work Order or any share or interest therein in any manner or degree to any third party without the prior written consent of UCSL.
- 18.2. Contractor shall not contract with any subcontractor and/or vendor without the prior written consent of UCSL. Such consent shall not relieve the Contractor from any of his responsibilities and liabilities under the Purchase Order/ Work Order. In addition, Contractor shall ensure that the terms and conditions of any such contract shall comply with and correspond to the terms and conditions of the Purchase Order/ Work Order.

19. SECRECY & RESTRICTION ON INFORMATION TO MEDIA

- 19.1. The information contained in the enquiry as such shall NOT be communicated to any third party without prior approval of UCSL.
- 19.2. Information in respect of contracts/orders shall NOT be released to the national or international media or anyone not directly involved in its execution without the written approval of UCSL.





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20. CANCELLATION OF ORDER AND RISK CONTRACTING

- 20.1. In the event the Agency fails to complete the work promptly and satisfactorily as per the terms of the order, and if any work is delayed beyond thirty (30) days from the agreed schedule, UCSL, without prejudice, reserves the right to cancel the order and get the work done at Agency's cost and the expenditure so incurred including any damage or loss will be recovered from him and the Security Deposit furnished by him is liable to be forfeited either in whole or in part.
- 20.2. UCSL also reserves to right to impose penalties ranging from Rs. 100 to Rs.500 to the employees of agencies and will be deducted from the bills, for any habitual offence on the cleanliness of uniforms, lack of obedience, not attending the tasks etc., and will be to the discretion of the Officer in charge for the work.

21. FORCE MAJEURE

- 21.1. Should failure in performance of any part of this contract arise from war, insurrection, restraint imposed by Government act or legislation of other statutory authority, from explosion, riot, legal lock-out, flood, fire, act of God or any inevitable or unforeseen event beyond human control which will be construed as a reasonable ground for extension of time, UCSL may allow such additional time as is mutually agreed to be justified by the circumstances of the case.

22. IMS GUIDELINES

- 22.1. UCSL implemented an Integrated Management System (IMS) and the Quality Management System (QMS) within the yard. As part of IMS, subcontractors shall comply with the following measures related to the Quality, Health, and Safety & Environment (QHSE) policy of UCSL.
- Meeting or exceeding customer requirements.
 - Assuring quality of the products and service.
 - Preventing occupational ill health & injuries.
 - Ensuring safe work sites.
 - Conserving natural resources.
 - Preventing / minimizing air, water & land pollution.
 - Handling and disposal of Hazardous wastes safely.
 - Complying with statutory & regulatory and other requirements.
 - Developing skills and motivating employees.
- 22.2. Occupational Health, safety & Environmental requirements of UCSL shall also include the following.
- The contractor (or a sub-contractor performing work on behalf of the contractor) is deemed to comply with the Occupational health, safety and environmental policy of the company and also to all operational controls/standard operating procedures and shall undertake the work in total compliance with the requirements of the established Integrated Management System (IMS) of the company.
 - The Contractor shall undertake the work in total compliance with all applicable legal/statutory requirements related to occupational health, safety and environment effective in the state of Karnataka.
 - It is the sole responsibility of the contractor to assure that any sub-contractor/s who shall perform works in company lands/facilities/worksites on behalf of the contractor, is also following all requirements related to the Integrated Management System of the company and the health/safety/environmental Rules effective in the state.





UDUPI COCHIN SHIPYARD LIMITED

Tender for Movable Shed Fabrication & Erection Work
UCSL/CC/T/CIVIL/288 DT: 03rd October 2024

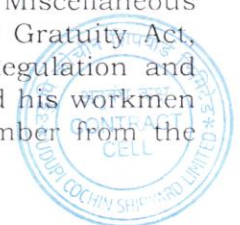
- d) The contractor shall provide/implement and operate/practice all occupational health, safety and environmental management measures/facilities, for their period of contract, in their activities/at their work sites, which shall be required according to the IMS of the company or that required by the health/safety/environmental Rules established and effective in the state, at their own cost.
- e) If any contractor failed to comply with or violated any clauses/requirements of occupational health, safety and environmental Rules effective in the state, in their activities or at work sites and the same shall be exposed to the government or any competent authorities upon inspections, the contractor shall be solely responsible for all liabilities caused by his/her action and shall be responsible for paying the penalty and taking stipulated corrective actions insisted by the authorities within the specified time, at their own cost. Any liability to the company in this regard needs to be compensated by the contractor.
- f) Upon completion of the work, contractor shall clear the area and shall not leave any Occupational health/safety/environmental liabilities to the company, from their activities at the worksites.
- g) Any clarification related to IMS requirements of the yard, may be obtained by the contractor from the AGM (HSE) or the authorized representative of the contract, prior to the commencement of work.

23. SAFETY OF PERSONNEL AND FIRST AID

- 23.1. The contractor shall be entirely responsible for the safety of all the personnel employed by him on the work. In this regard, he may adopt all the required safety measures and strictly comply with the safety regulations in force. A copy of UCSL's "Safety Rules for Contractors (Revised)" is available with HSE department for reference.
- 23.2. The Agency may arrange to suitably insure all his workmen/ other personnel in this regard. UCSL will not be responsible for any injury or illness to the Agency's workmen/other personnel during execution of the works due to whatsoever reasons.
- 23.3. In this regard, the Contractor will have to fully indemnify UCSL against any claims made by his workmen/other personnel
- 23.4. The Agency shall provide and maintain so as to be readily accessible during all working hours, a first aid box with prescribed contents at every place where he employs contract labor for executing the works.

24. LABOUR LAWS AND REGULATIONS

- 24.1. The Agency shall undertake and execute the work with contract Labor only after taking license from the appropriate authority under the Contract Labor (Regulation & Abolition) Act 1970.
- 24.2. The Agency shall observe and comply with the provisions of all labour and industrial laws and enactments and shall comply with and implement the provisions of the Factories Act, 1948, Employees Provident Funds & Miscellaneous Provisions Act, 1952, Employees State Insurance Act, Payment of Gratuity Act, minimum Wages Act, Payment of Bonus Act, Contract Labour (Regulation and Abolition) Act and all other enactments as are applicable to him and his workmen employed by him. The Agency shall inform UCSL his license number from the Central Labour Commissioner.





UDUPI COCHIN SHIPYARD LIMITED

Tender for Movable Shed Fabrication & Erection Work
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- 24.3. All Persons, except those exempted under the respective Acts, shall necessarily be insured under the ESI scheme and be made members of the EPF Scheme from the day of their engagement as personnel in the Company. In Case 1, All such insured Persons should carry with them their ESI Identity Card for verification by the authorities. No Persons without a valid ESI Identity Card for verification by the authorities will be permitted to work in the company.
- 24.4. The Agency shall submit the Labour Reports/Returns as required by the Company from time to time in respect of their workmen in standard format to the concerned contracting officer so as to enable the same to reach Contract cell by the 5th of every month. Delayed submission of the same shall attract penal interest /damages at the rate as levied by the respective authorities under the relevant Acts.
- 24.5. The Agency shall maintain the records viz. Muster Roll, Acquittance Roll with full details, Account books etc., in original. These are required for inspection by the concerned authorities under each scheme.
- 24.6. If the Agency fails to pay any contributions, charges or other amounts payable under any of the aforementioned provisions of law, UCSL shall deduct or adjust amounts equivalent to such contribution, charges or amounts from amount payable to him by UCSL, including any deposit or amounts payable against bills and make payments on his account to the appropriate authority. He shall not be entitled to question or challenge such deductions, adjustments or payment made by UCSL.
- 24.7. Any other amount payable under any law or in respect of any person employed by the Agency, if not paid by him, shall be deducted or adjusted by UCSL out of any amount payable to the Agency including any Security Receipt and paid ever or withheld for payment by UCSL.
- 24.8. The Agency shall be fully responsible for the conduct and discipline of the workmen employed by him in the Company premises. If such workmen commit any misconduct or criminal act inside the Company, the Agency shall take appropriate action against such workmen. The Agency shall abide by the instructions/ guidelines issued by the Company for maintenance of discipline and good conduct among the workmen employed by him.
- 24.9. All persons who are engaged for various works in UCSL either directly or through Agency/contractors, should produce the following documents prior to issuing their entry passes:
- 24.10. Passport/Aadhaar attested copy of passport with photo and address particulars.
OR
Police clearance certificate with photo and address particulars. (Police clearance certificate to the effect that the concerned person is staying in the area of jurisdiction of the certificate issuing Police Station and that the person is not involved in any criminal offences as per the records available therein.)
- 24.11. Application and Declaration for enrolling under Employees Provident Fund and ESI Scheme- 3 individual passport size photographs and two copies of family photographs of the members.
- 24.12. **Agency shall familiarize themselves with the labour rules & regulations.**

25. OVERWRITING & CORRECTIONS

- 25.1. Tenders shall be free from overwriting or erasures. Corrections and additions, if any, shall be duly attested and a separate list of such corrections shall be attached with the offer.





UDUPI COCHIN SHIPYARD LIMITED

Tender for Movable Shed Fabrication & Erection Work
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26. PROVISION FOR PENALTY

- 26.1. In case of any theft, pilferage, loss or damage to any UCSL materials, equipment or accessories, the Company at its sole discretion, will be entitled to recover cost of such item as per market rates or estimated cost of loss/damage/pilferage from the bill of the contractor and the same will be binding on the Contractor.
- 26.2. Non-compliance of statutory requirements shall attract a penalty of Rs. 2500/- per instance and shall be deducted from the monthly bill.
- 26.3. Imposing of penalty in a particular month shall be informed to contractor by Engineer-in charge/AGM. For all of the above points, one appeal against such decisions will be permissible and will be placed before Engineer in Charge/AGM, whose decision shall be final and binding on the Contractor.
- 26.4. Penalty (if any) shall be applicable only to the contractor and should not affect the salaries of the workforce.

27. OTHER TERMS & CONDITIONS

- 27.1. Quality of services shall conform to the specification/ standards laid down by UCSL.
- 27.2. UCSL reserves the right to accept / reject any offer.
- 27.3. UCSL reserves the right to award the work to more than one contractor or to take over partially or fully the work depending upon the schedule requirements.
- 27.4. During the evaluation of tender, officer-in-charge may seek clarifications from the bidders. Clarification if any shall be given in writing/e-mail. Officer-in-charge's decision will be final and binding on the bidder.
- 27.5. Compliance of all statutory safety requirements and other safety rules stipulated by UCSL and other applicable statutory bodies shall be the responsibility of the Agency while working at UCSL premises. The Agency should ensure that their workmen and staff are adequately covered under Insurance.
- 27.6. Damages caused to the Shipyard properties/tools/accessories should be rectified by the Agency at his cost or proportional recoveries will be made from the Agency while passing their bills for payment.
- 27.7. The service provider shall have to engage men on round the clock basis and also on Sundays and holidays. Service has to be completed to the satisfaction of Udupi Cochin Shipyard Limited officer in-charge.
- 27.8. The service provider shall indemnify UCSL or its officers against any claims arising out of accidents or injuries to workmen or other persons or damage to other property which may arise during the execution of the contract or from breach of any Law or Regulation prior to delivery and acceptance of the items at UCSL.
- 27.9. The service provider shall also be governed by the General Conditions of Contract of UCSL, General Safety Rules and other relevant labour laws.
- 27.10. The upper age limit of all workers and supervisors employed by the Agency and those Agency who do or supervise the job themselves shall be as per the prevailing rules of UCSL and shall comply to the requirements of this tender.
- 27.11. Assistant General Manager, or his authorized representative will be the Officer in charge of these contracts.



POWER OF ATTORNEY

(On Applicant's letter head)

(Date and Reference)

To
The Assistant General Manager (Materials & Contract Cell)
Udupi Cochin Shipyard Limited
Fishing Harbour complex, Malpe,
Udupi - 576 108.

Subject: Power of Attorney

Mr. / Mrs. / Ms..... (Name of the
Person(s)), domiciled
at.....(Addre
ss), acting as..... (Designation and name of the
company), and whose signature is attested below, is hereby appointed as the Authorized
Representative and authorized on behalf of.....
(Name of the company) to provide information and respond to enquiries etc. as may be required
by the Employer for the project of
(Project title) and is hereby further authorized to sign and file relevant documents in respect of
the above.

(Attested signature of Mr.)

For.....
(Name & designation)

(Company Seal)



UNCONDITIONAL ACCEPTANCE LETTER

(Unconditional acceptance to be given by in letter head)

ACCEPTANCE OF TENDER CONDITIONS

1. Tender Document no. UCSSL/CC/T/CIVIL/288 dated 03rd October 2024 Tender for Movable Shed Fabrication & Erection work, has been received by me/us and I/We hereby unconditionally accept the tender conditions of tender documents in its entirety for the above work.
2. It is further noted that it is not permissible to put any remarks/conditions in the tender enclosed in "Part-2 (price bid)". I/We agree that the tender shall be rejected and ACCEPTING AUTHORITY.

Yours faithfully,

(Signature of the tenderer) with rubber stamp

Date:





UDUPI COCHIN SHIPYARD LIMITED

Tender for Movable Shed Fabrication & Erection Work
UCSL/CC/T/CIVIL/288 DT: 03RD OCT 2024

UCSL/CC/T/CIVIL/288 DT: 20ND SEPTEMBER 2024

TENDER FOR MOVABLE SHED FABRICATION & ERECTION WORK

PRICE BID FORMAT

Sl. No.	Description	Quantity	Unit	Supply Amount (A)	Service Amount (B)
1	Supply of Structural Material, as per indicative quantum of Material.	132	Ton		-
2	Fabrication & Erection of Movable shed as per scope of work	216	Ton	-	
3	Roofing Material supply and installation as per scope of work	1400	Sq. m		
4	Cladding Material supply and installation as per scope of work	2000	Sq. m		
5	Gutter & Drain material supply and installation as per scope of work	120	Mtr.		
6	Rails fixing work (CR 80)	150	Mtr.		
7	Surface Preparation & Painting of Movable shed	6200	Sq. m		
8	Total:				
9	CGST/SGST.....%				
10	Grand Total Amount:				
Grand total in words-					
<p>i). The rates quoted should be all inclusive and shall include the service charges and other incidental expenditures, if applicable.</p> <p>ii). Quotes with Conditional rates/additional charges/Conditional discounts will be disqualified.</p>					

- L1 will be determined based on the serial no.08

Signature:

Date:

Address of the contractor:

Seal:





UDUPI COCHIN SHIPYARD LIMITED
Tender for Movable Shed Fabrication & Erection Work
UCSL/CC/T/CIVIL/288 DT: 03RD OCT 2024

ANNEXURE-V

TECHNO COMMERCIAL CHECK LIST (To be submitted by the bidder)

(Bidders may confirm acceptance of the Tender Conditions/deviations if any to be specified)

SL No.	Tender Enquiry Requirements	Confirmation from bidder (Strike off whichever is not applicable)	Specific comments /Remarks
1	Terms & Condition, Scope of work & Indicative Quantum of Work. (Annexure-I & II)	Agreed as per tender /Do not agree	
2	Schedule of Completion as per clause no 2	Agreed as per tender/Do not agree	
3	Unconditional Acceptance	Agreed as per tender/Do not agree	
4	Offer Validity	06 Months - Agreed as per tender/Do not agree	
5	Taxes & Duties	Specified/included in Price	
6	Payment terms - confirm		
a	As per Clause 10 of Annexure - I	Agreed as per tender/Do not agree	
7	Security Deposit	Agreed as per tender/Do not agree	
8	Performance Guarantee	Agreed as per tender/Do not agree	
9	Force Majeure	Agreed as per tender/Do not agree	
10	Liquidated damages and cancellation of contract	Agreed as per tender/Do not agree	
11	Arbitration & Jurisdiction clauses	Agreed as per tender/Do not agree	
12	Confirm all other terms and conditions of our enquiry are acceptable.	Confirmed/Not confirmed	
13	Deviations from Tender conditions	No Deviations	

Signature:

Address of the Contractor:

Seal:



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1 2 3 4 5 6 7 8

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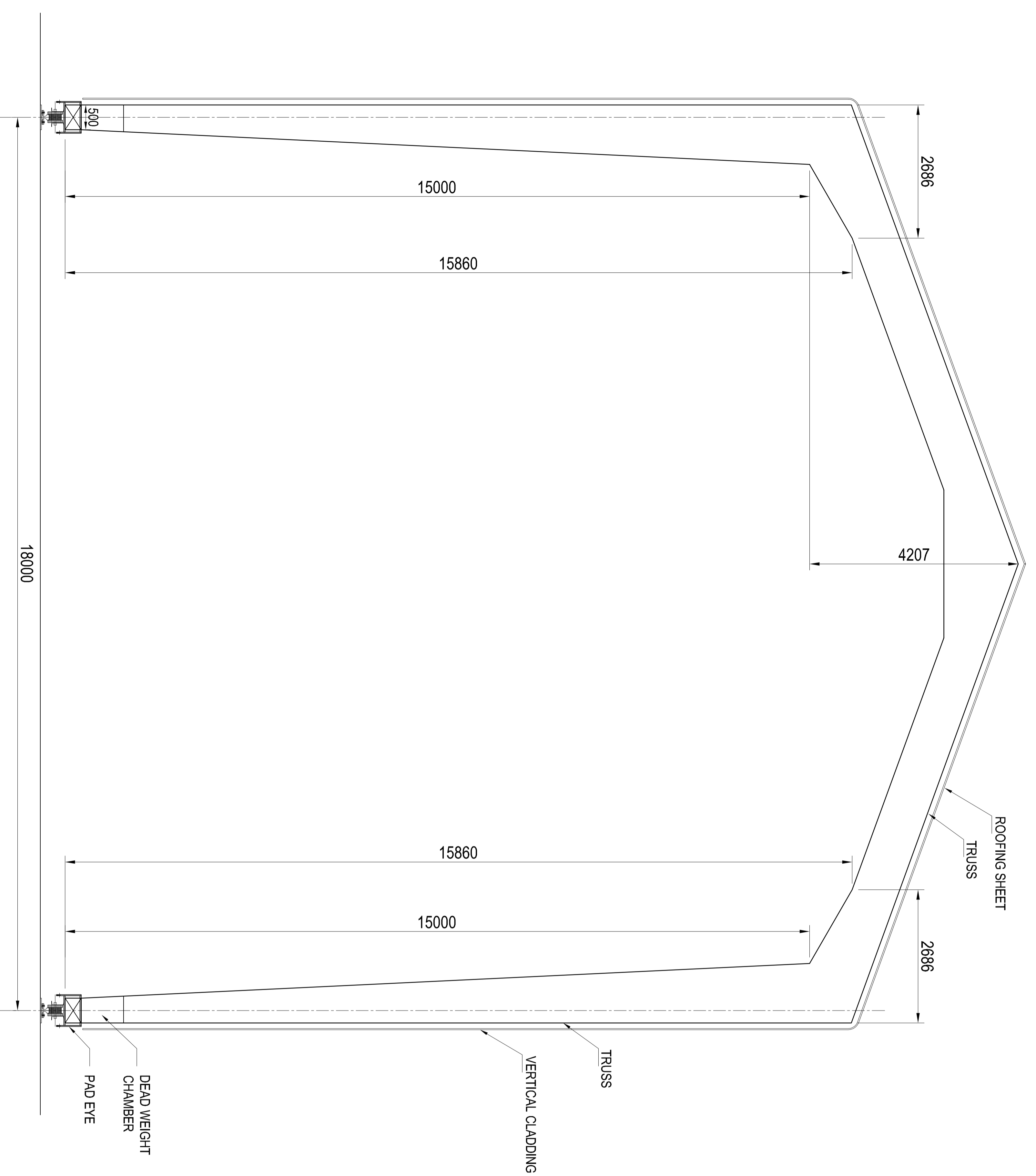
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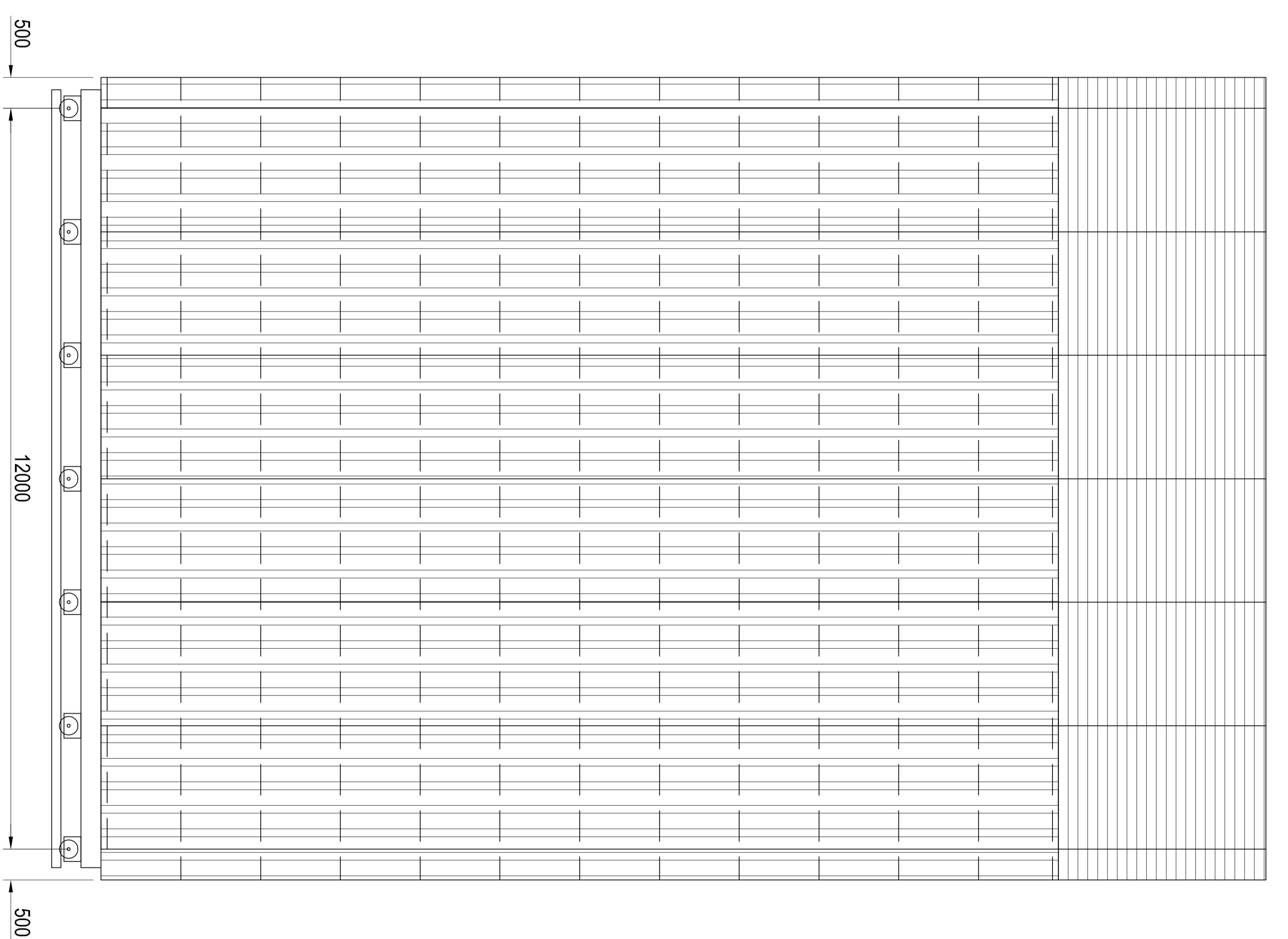
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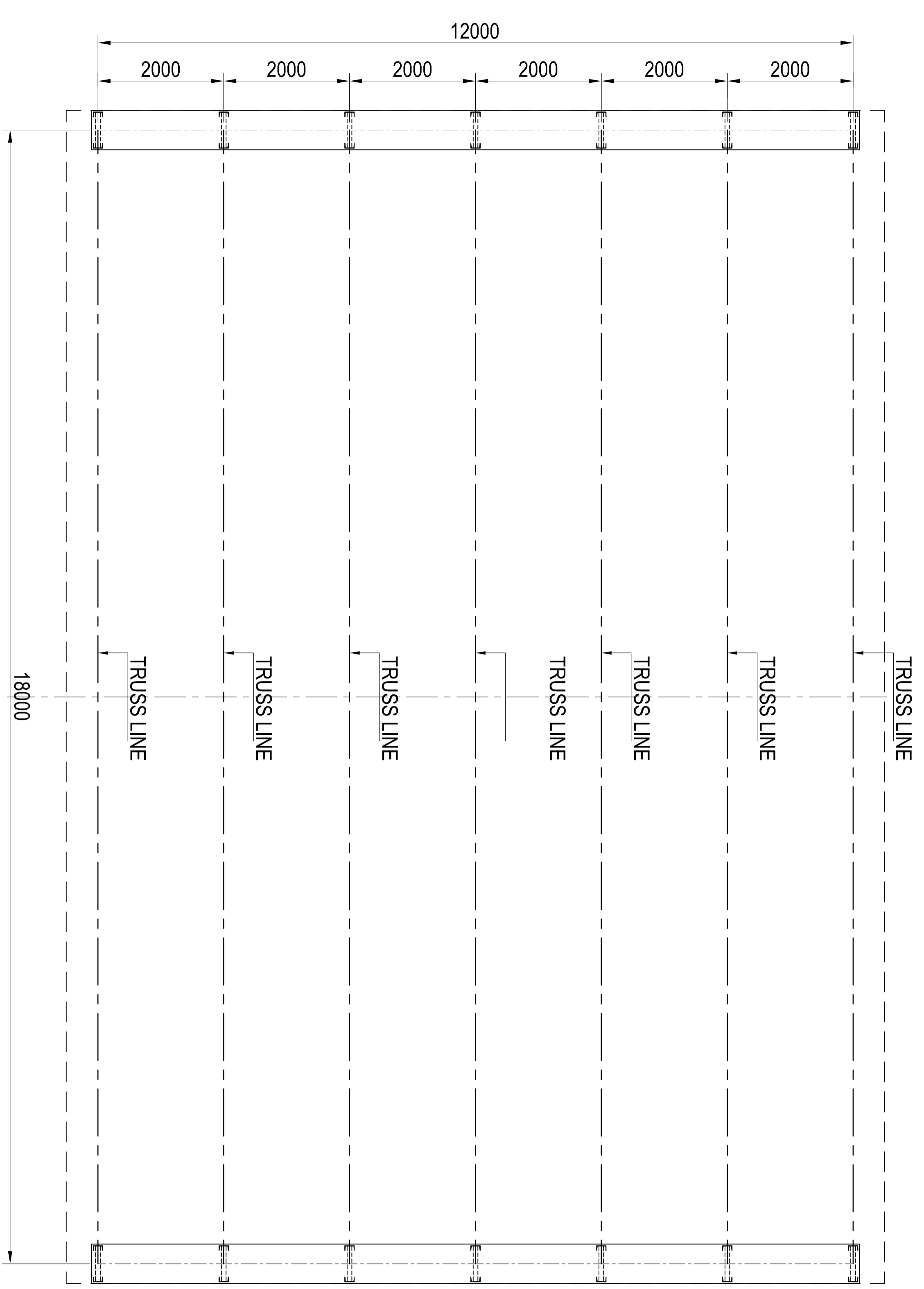
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SECTION



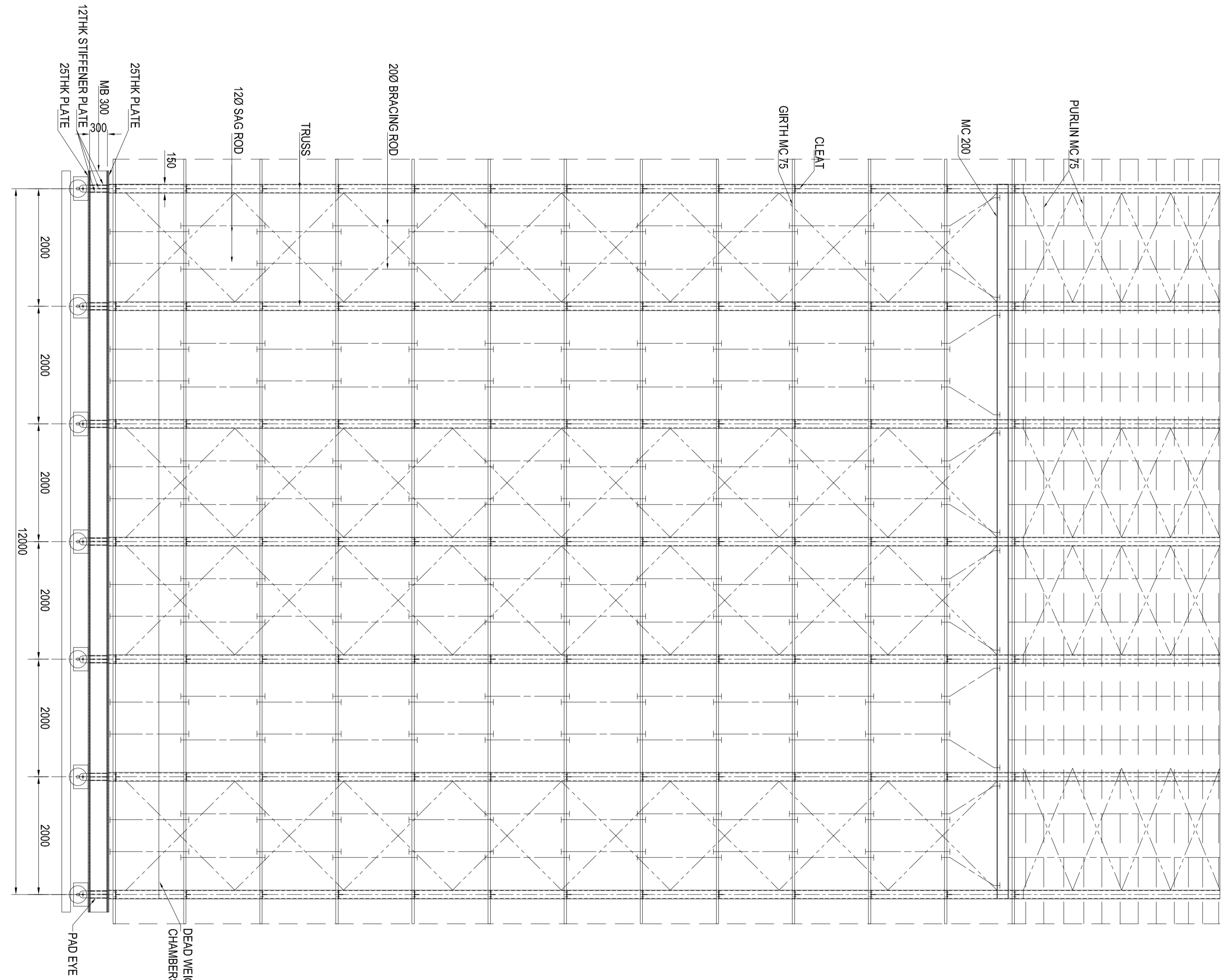
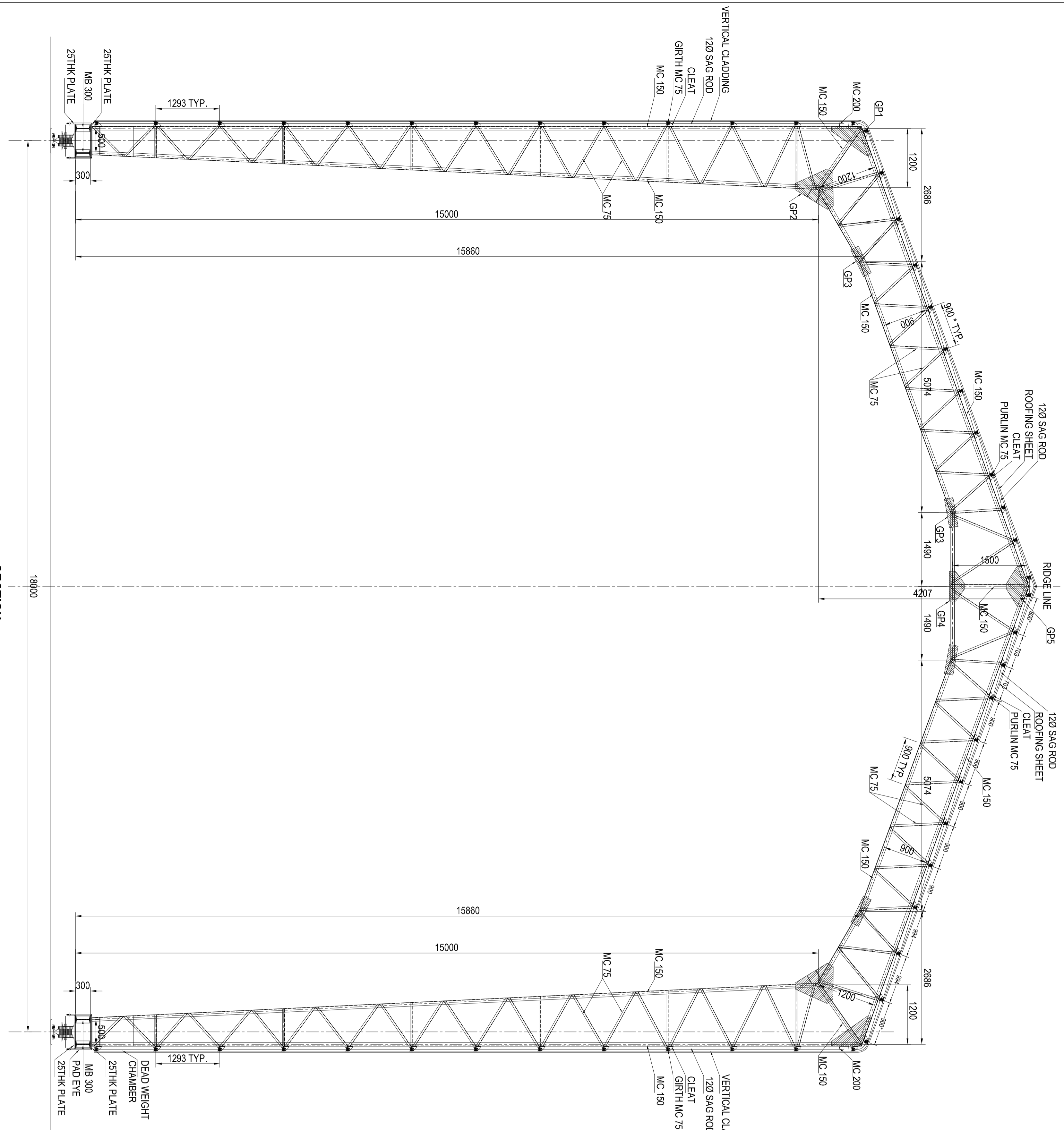
SIDE ELEVATION



PLAN

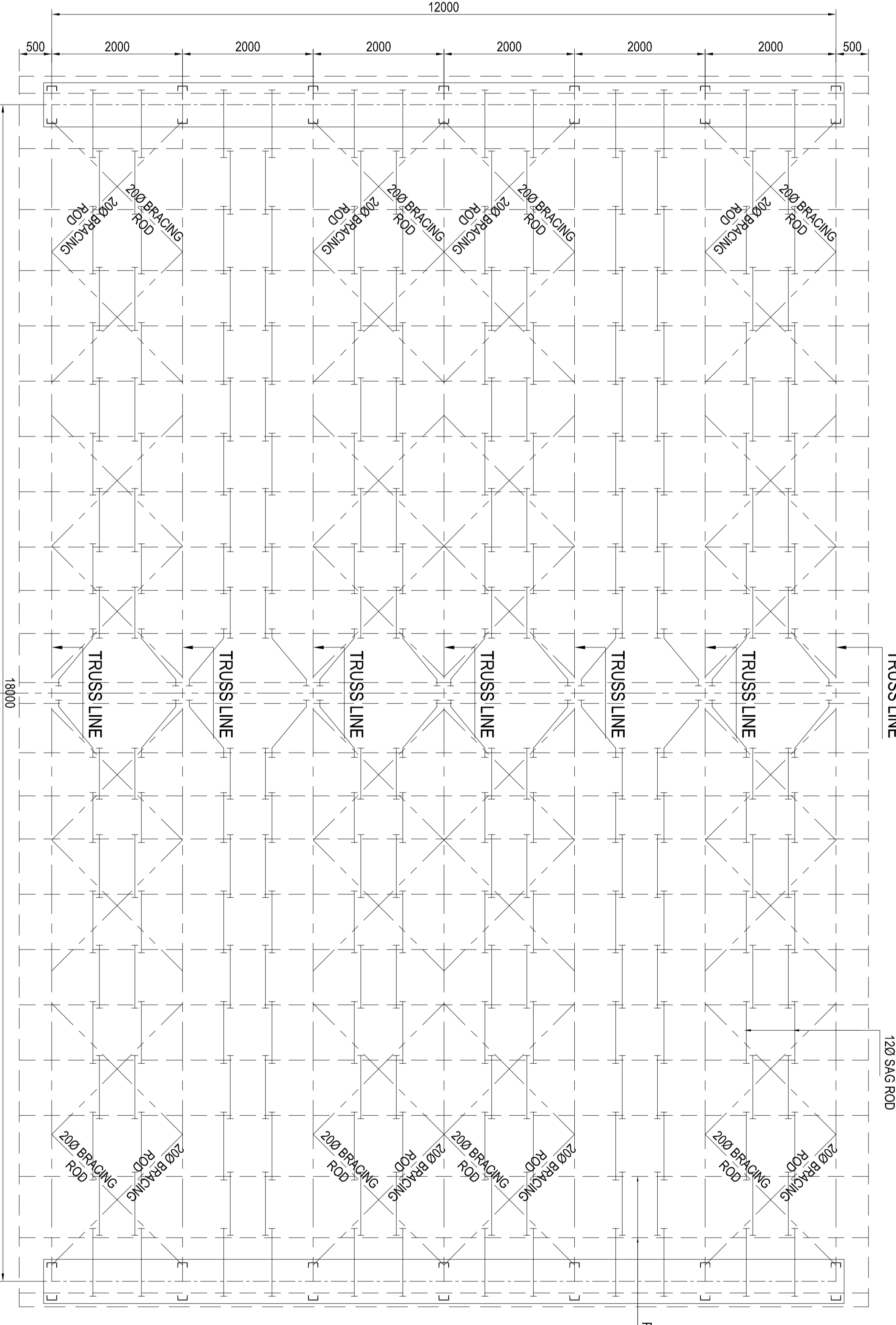
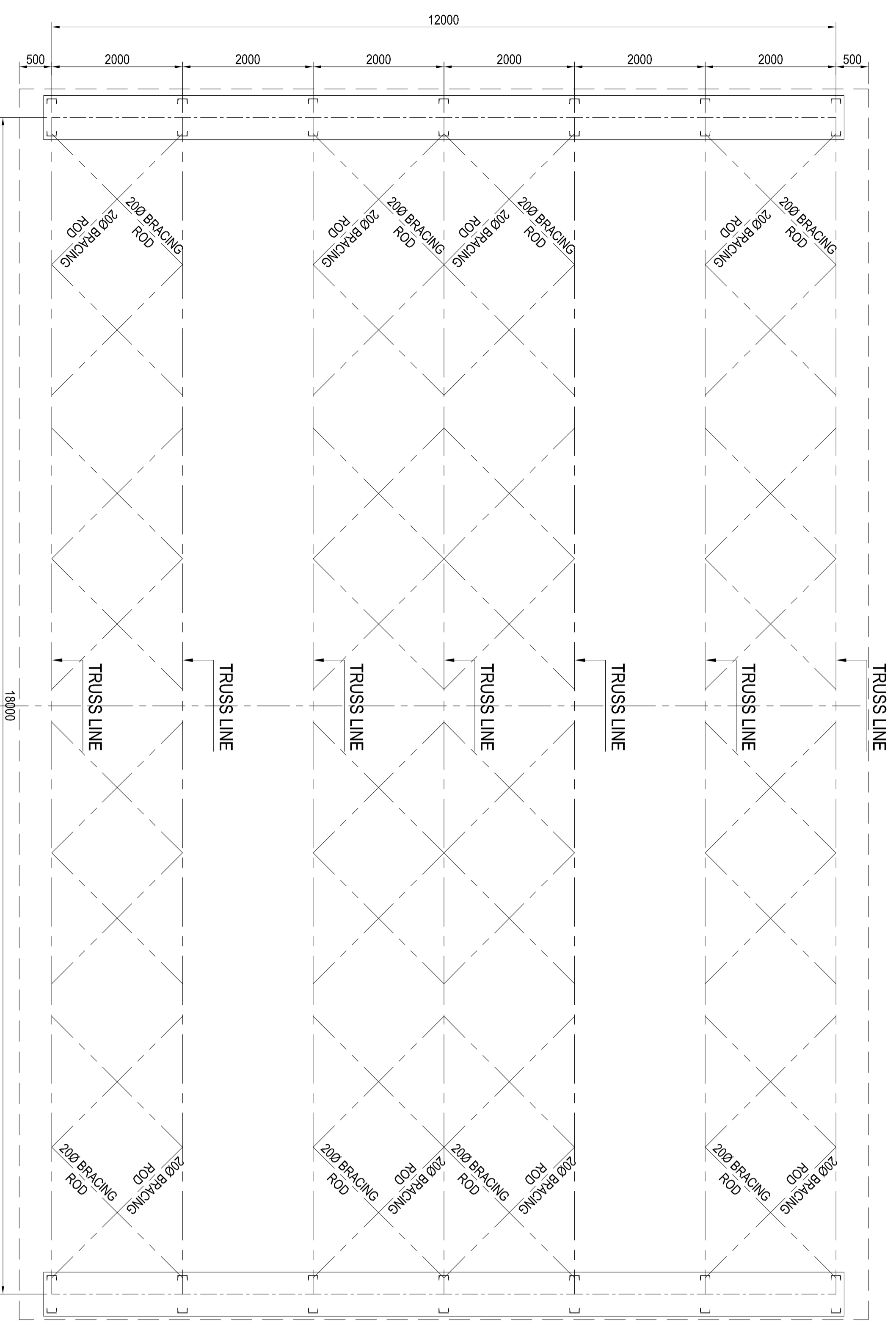
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REV.	DATE	DESCRIPTION	SIGNATURE
			UPDATED RECORDS
CLIENT	UDUPI COCHIN SHIPYARD LIMITED Malpe Harbour Complex, Malpe Udipi 5761 08		
STRUCTURAL CONSULTANT	 Roy & Shenoy An ISO 9001 Certified Company ARCHITECTURE, STRUCTURAL ENGINEERING AND PROJECT MANAGEMENT Third Floor, CRYSAL ACZ, Bahadur Road, Hampdenkuda, Mangalore-575001, Ph:-91-824-2443351, 2443352		
PROJECT	MOVABLE COVERED SHED AT UCSL MALPE YARD		
TITLE	MOVABLE COVERED SHED (W18X L12X H15M) TYPE -1 (GENERAL ARRANGEMENT DRAWING)		JOB NO. 0776
DRAWN	NAVEEN	CHECKED	ROHITH
SCALE	NOT TO SCALE	APPROVED	P. SHENOY
DRAWING NO.	R S I 0 7 7 6 S I 0 0 7 A 2 R 0 0		



SECTION

SECTIONAL ELEVATION



TRUSS LAYOUT

PURLIN AND SAG ROD LAYOUT

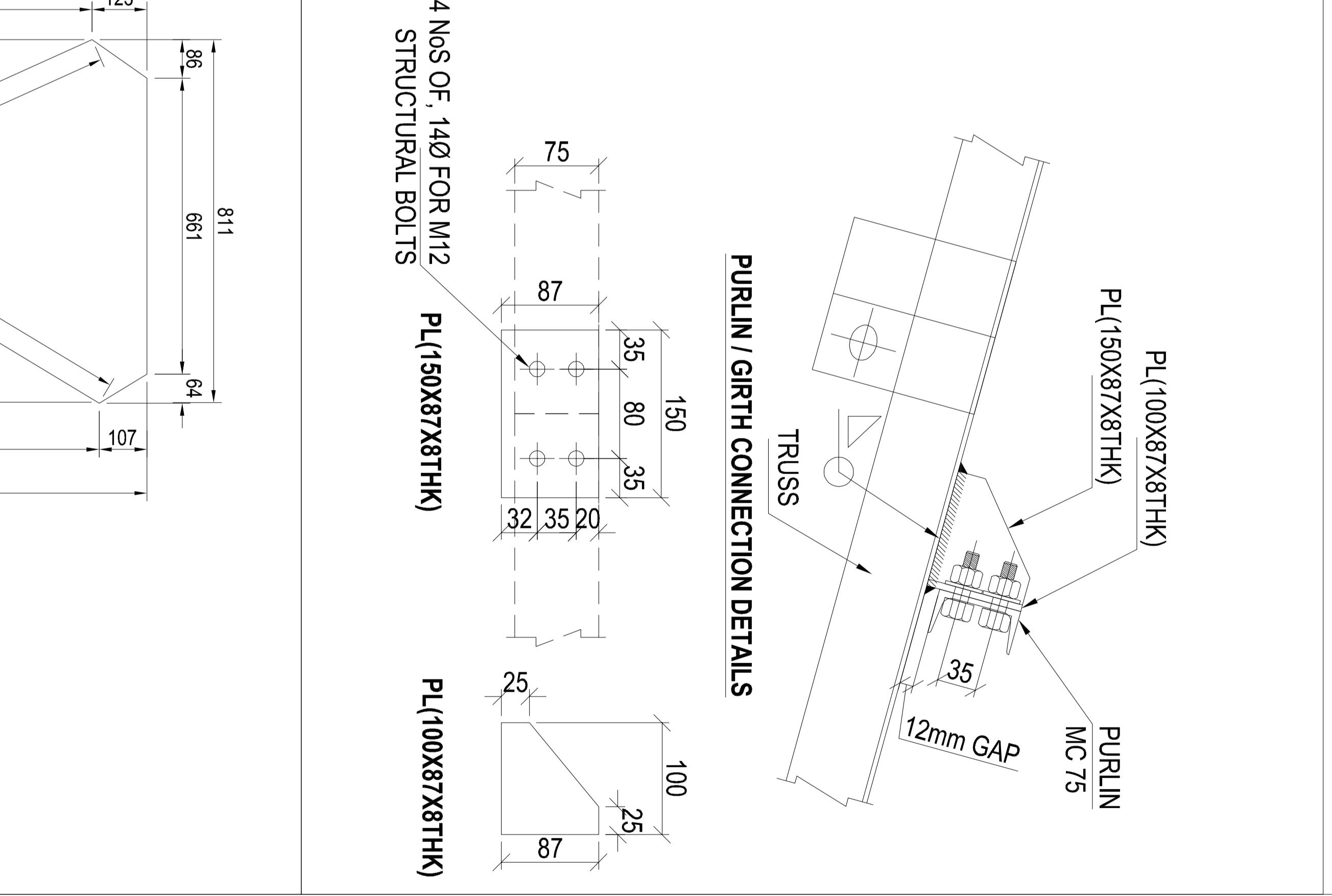
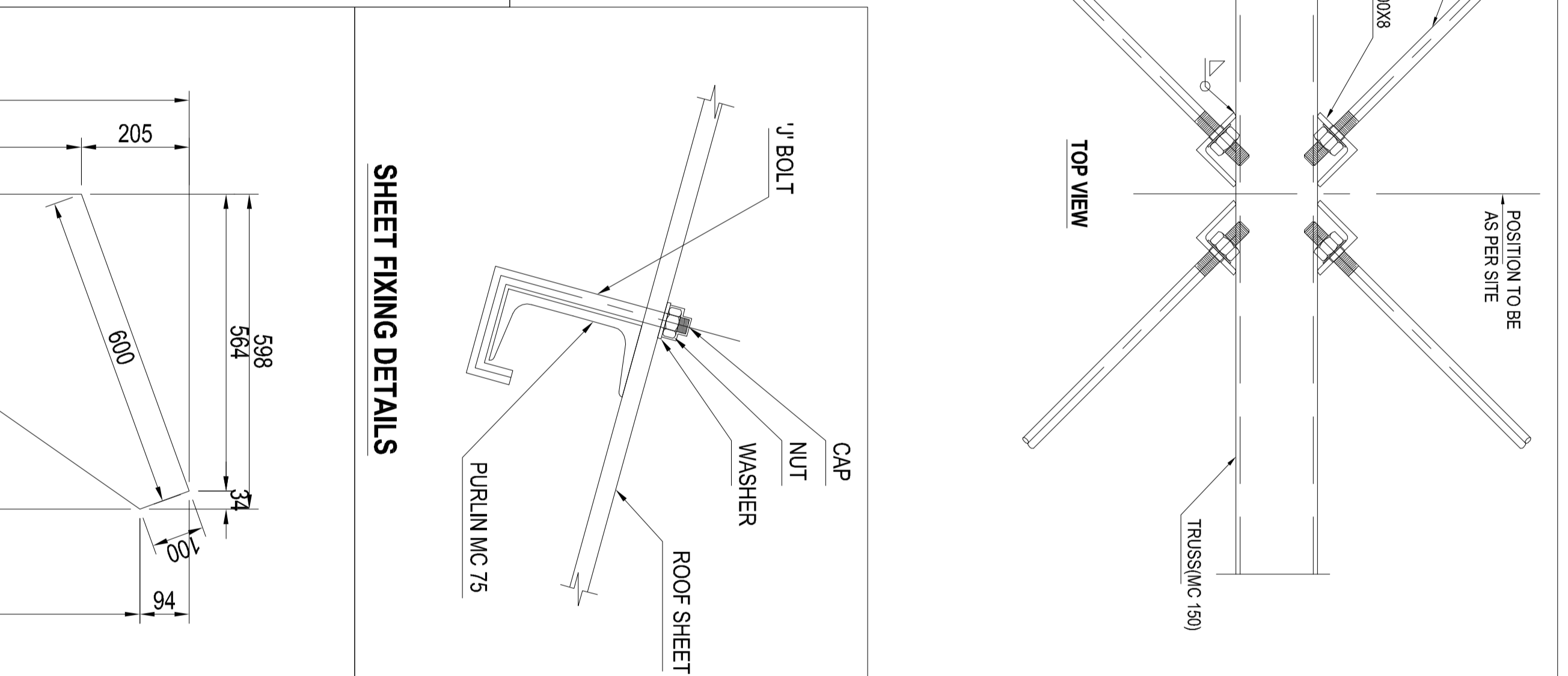
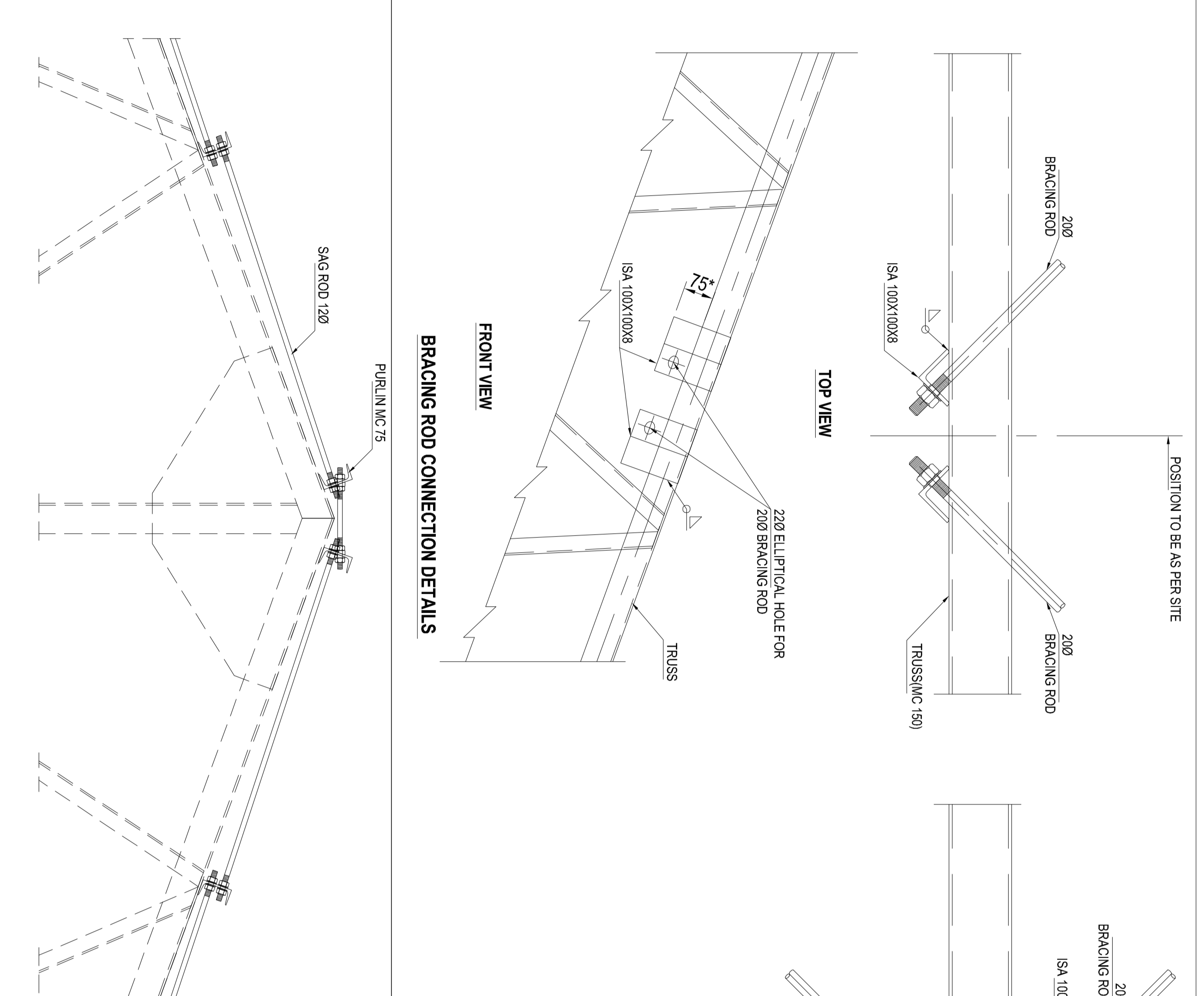
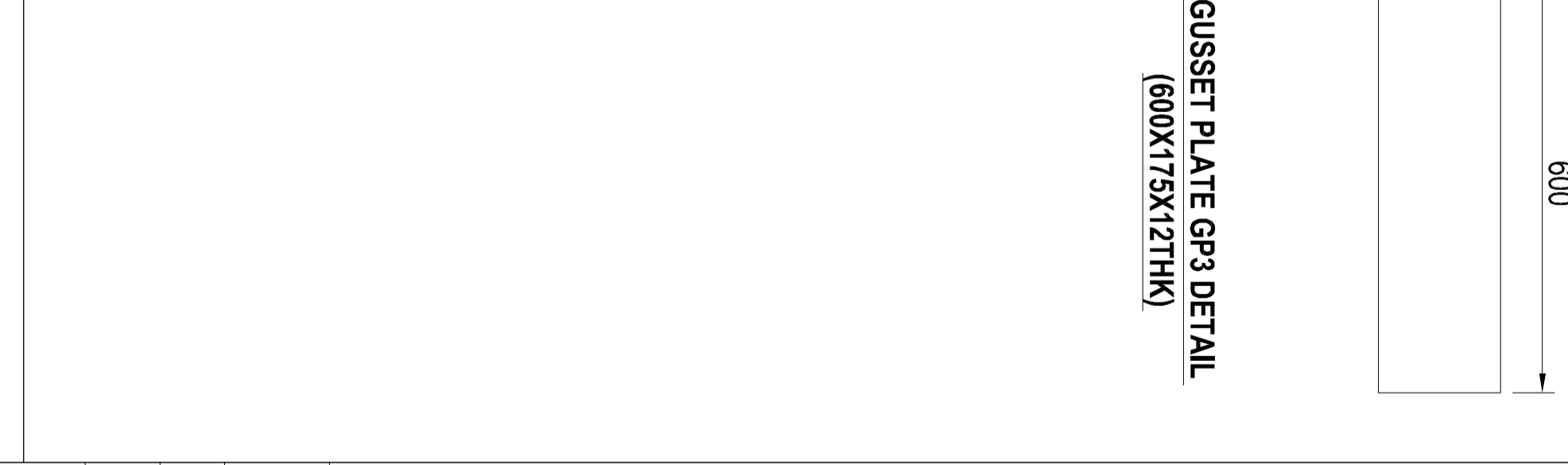
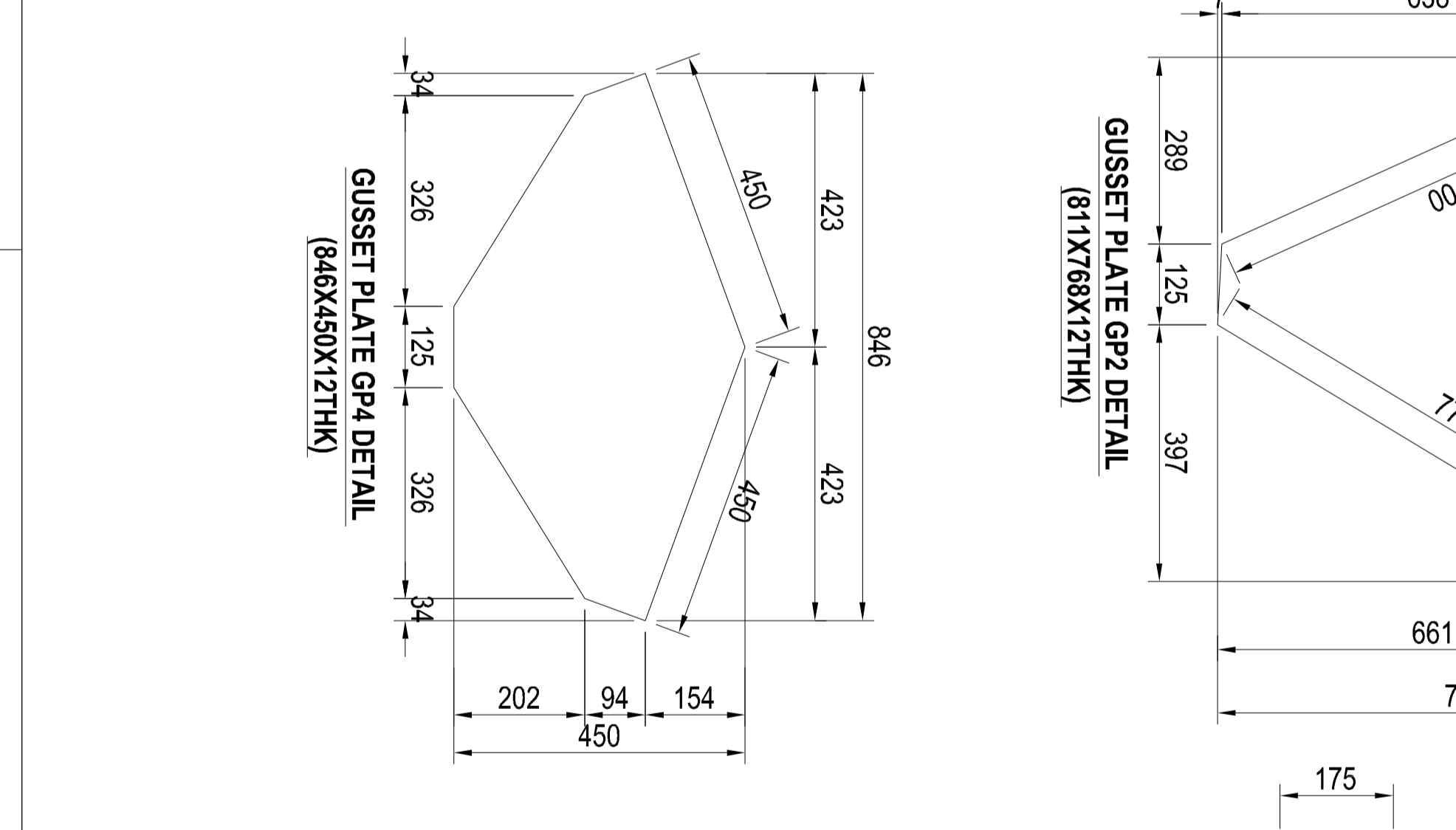
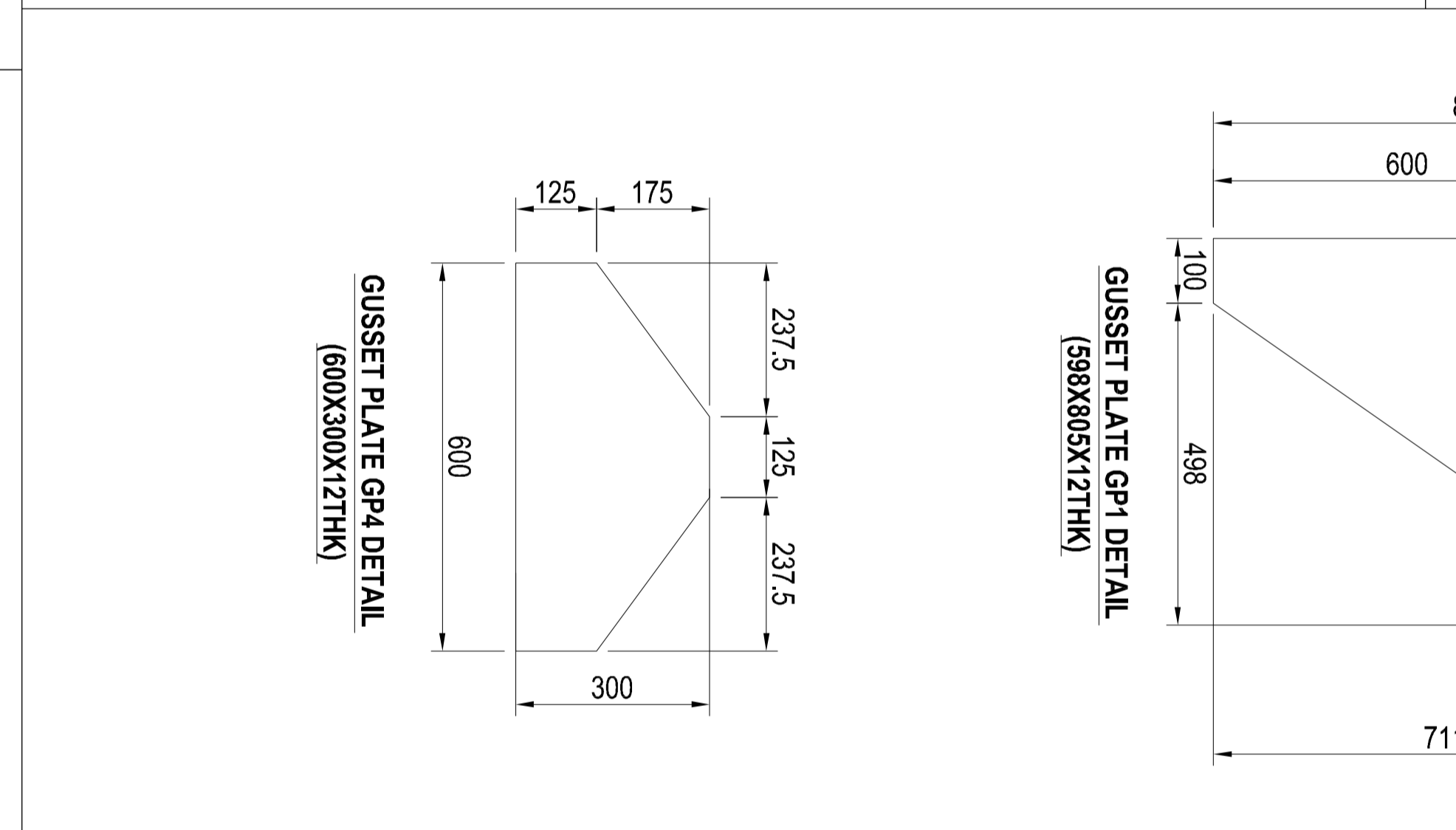
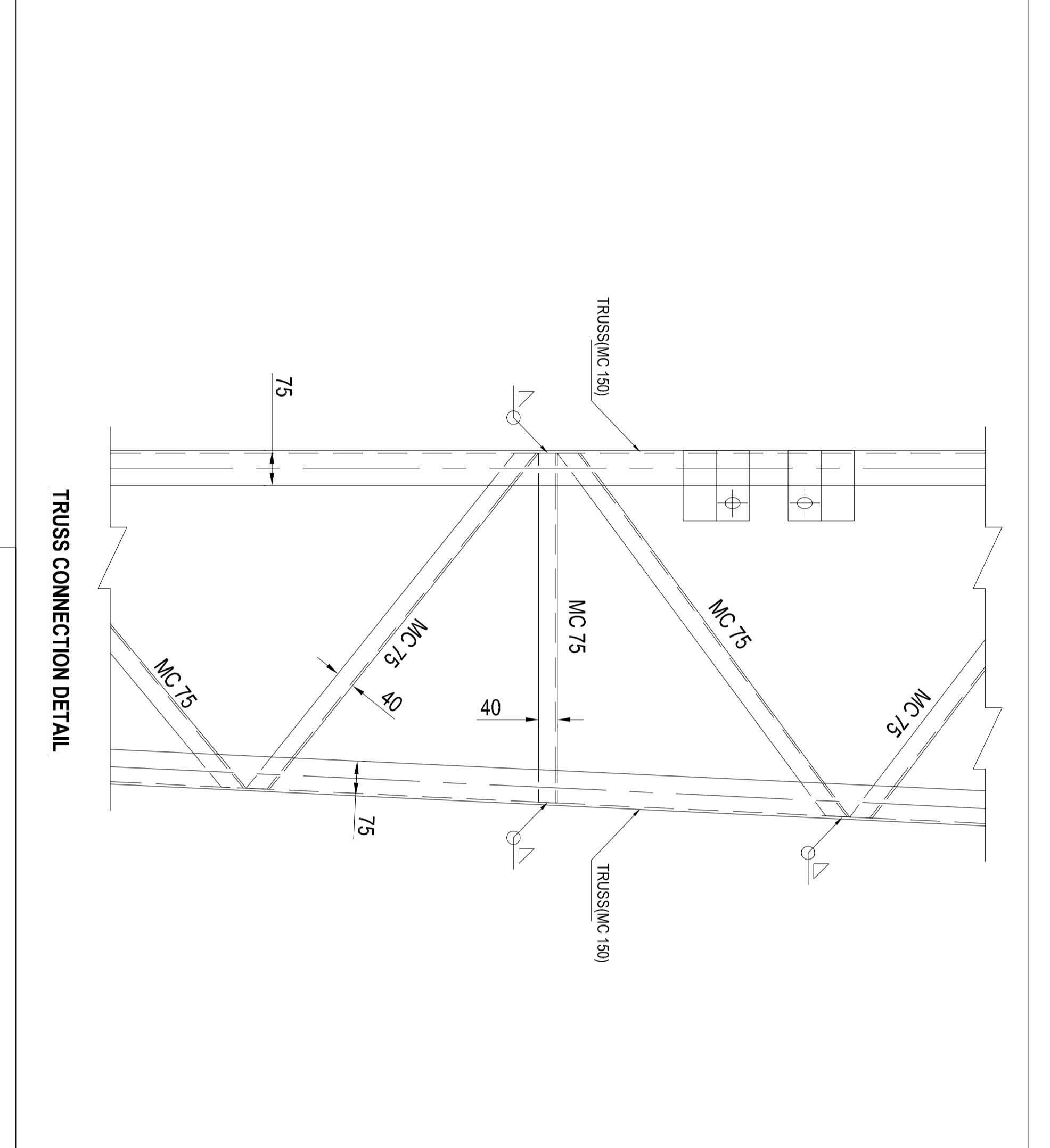
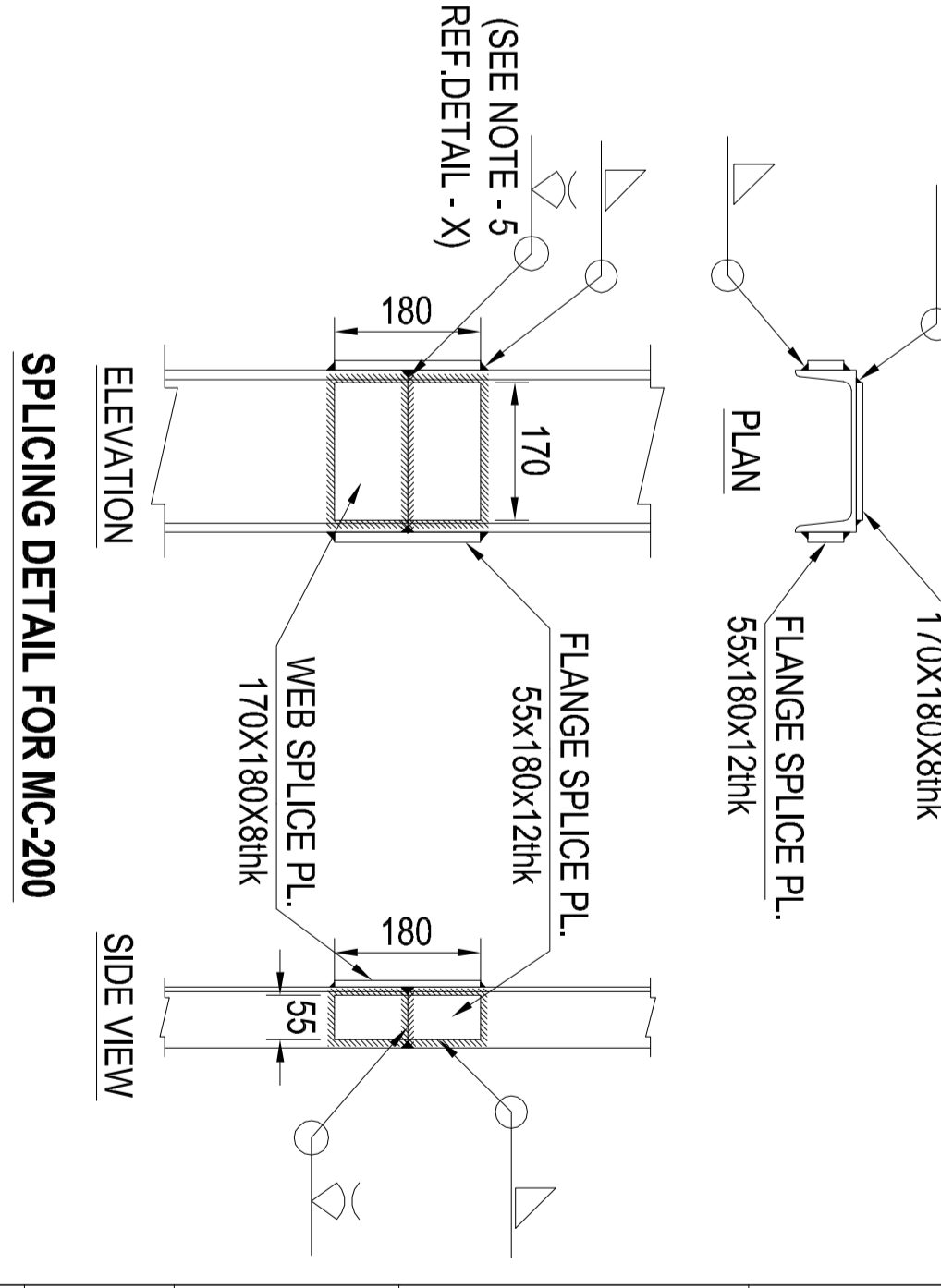
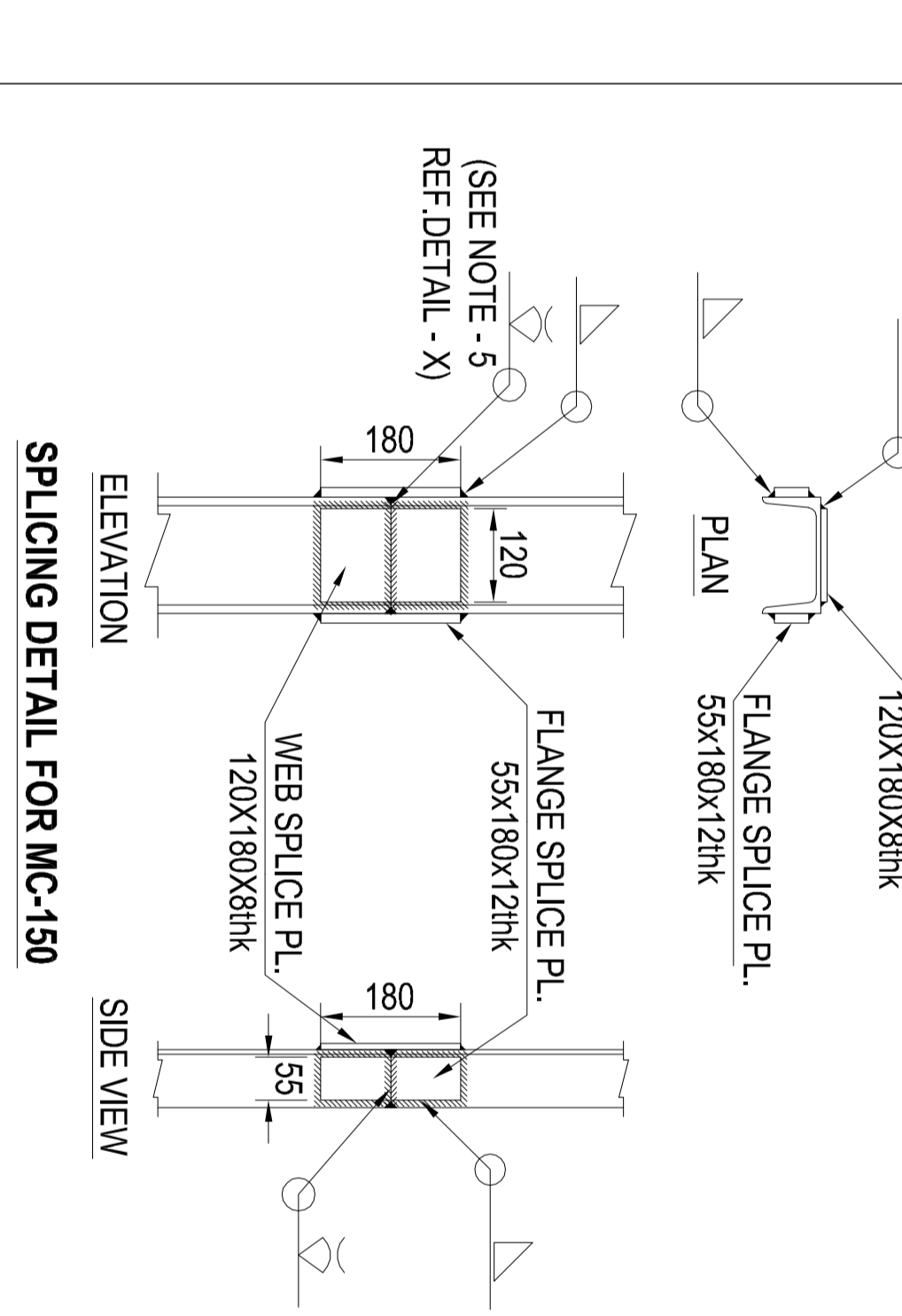
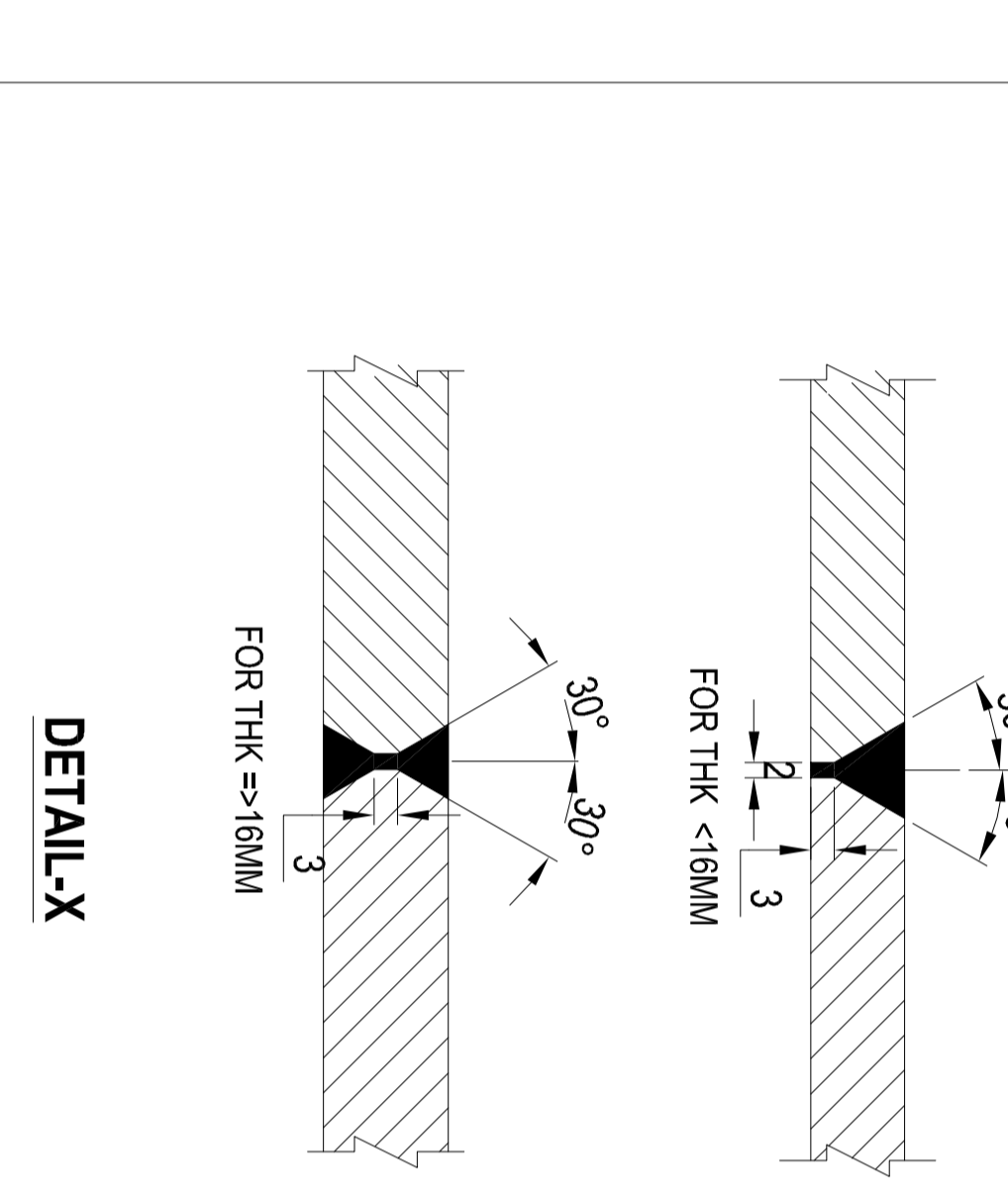
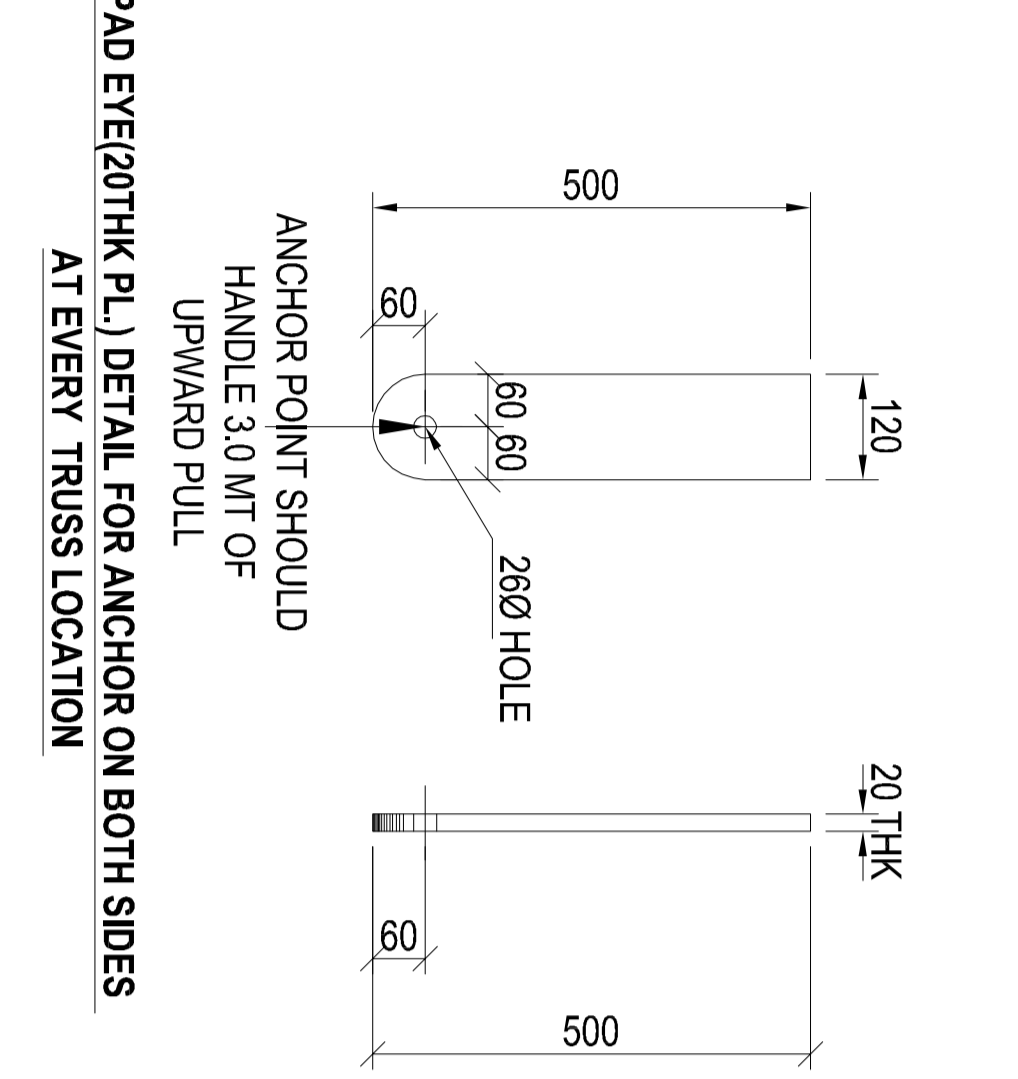
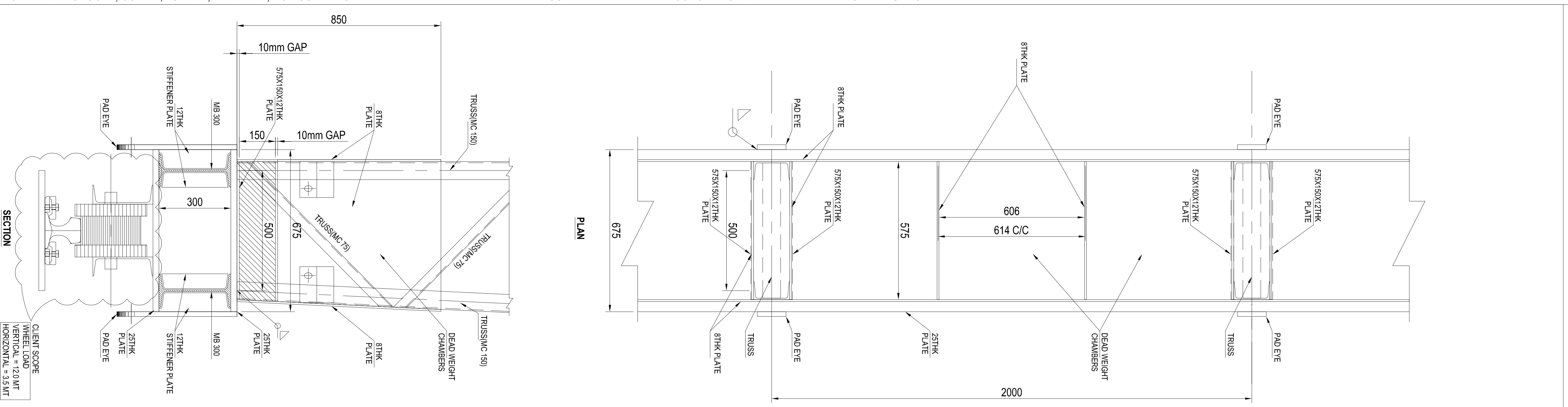
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4. WELDING AS PER IS 815-1974 & IS 813-1986.
5. BUTT WELD SHALL BE SINGLE V BUTT WELD FOR THICKNESS LESS THAN 10MM AND DOUBLE V BUTT WELD FOR THICKNESS EQUAL TO OR MORE THAN 10 MM.
6. USE WELD SIZE = (MINIMUM THICKNESS OF CONNECTING PLATES) - 1.5MM WITH MINIMUM OF 6MM SIZE UNLESS OTHERWISE SPECIFIED.

REV.	DATE	DESCRIPTION	SIGNATURE
			UPDATED RECORDS
CLIENT		UDUPI COCHIN SHIPYARD	
		Udupi 5761 08	
STRUCTURAL CONSULTANT		Roy & Shenoy An ISO 9001 Certified Company ARCHITECTURE, STRUCTURAL ENGINEERING AND PROJECT MANAGEMENT Third Floor, 'CRYSTAL' AEC, Bahadur Road, Hampdenhall, Manipal-575001, Pin-41-824-2443351, 2443352	
PROJECT		MOVABLE COVERED SHED AT UCSL MALPE YARD	
TITLE		MOVABLE COVERED SHED TYPE 1 (W18X L12X H15M) TRUSS LAYOUT PURLIN / SAG ROD LAYOUT SECTION & SECTIONAL ELEVATION	JOB NO. 0776
DRAWN	NAVEEN	CHECKED	ROHITH
SCALE	NOT TO SCALE	APPROVED	P. SHENOY
DRAWING NO.	R S 0 7 7 6 S 0 0 8 A 1 R 0 0 0		

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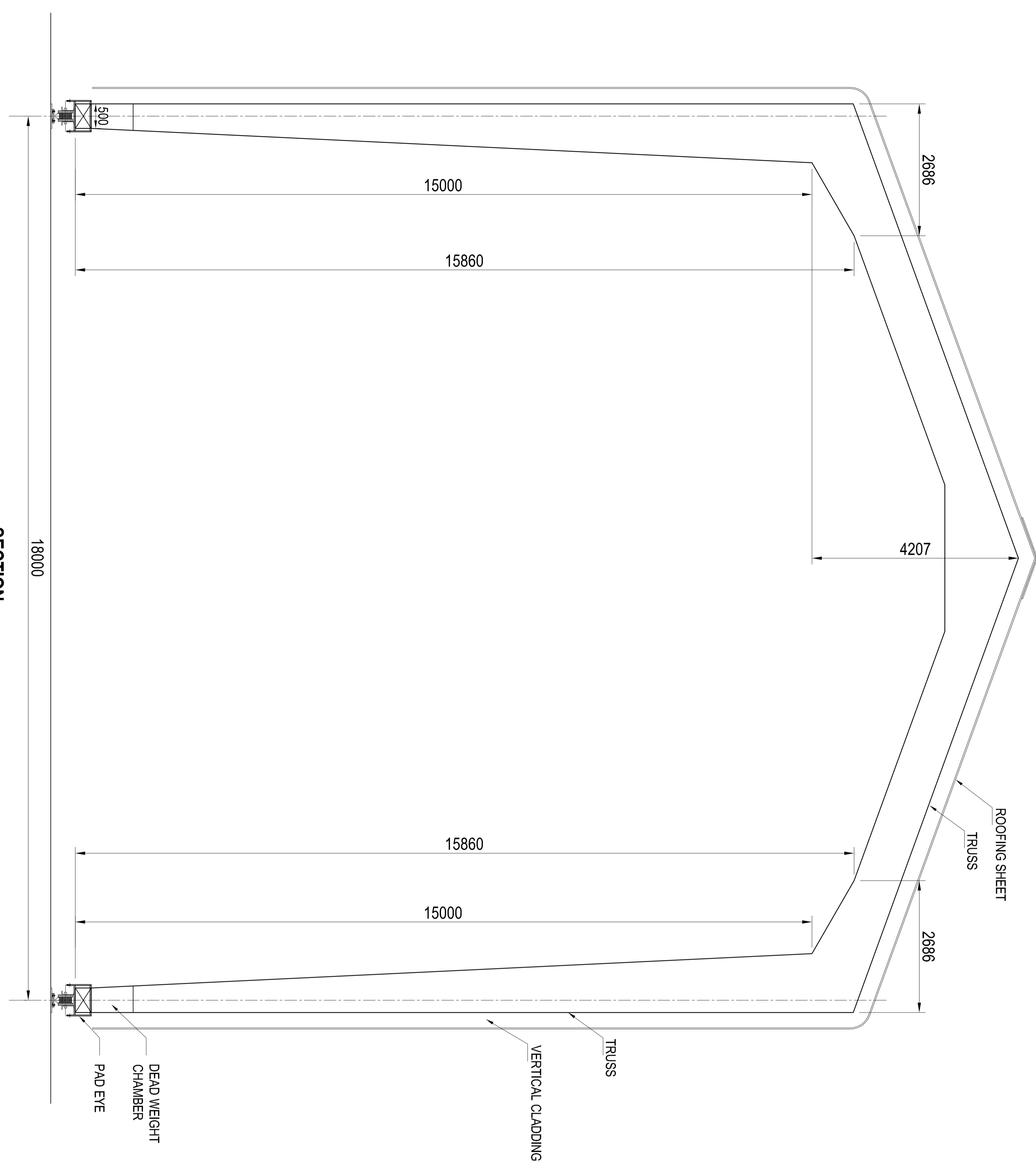
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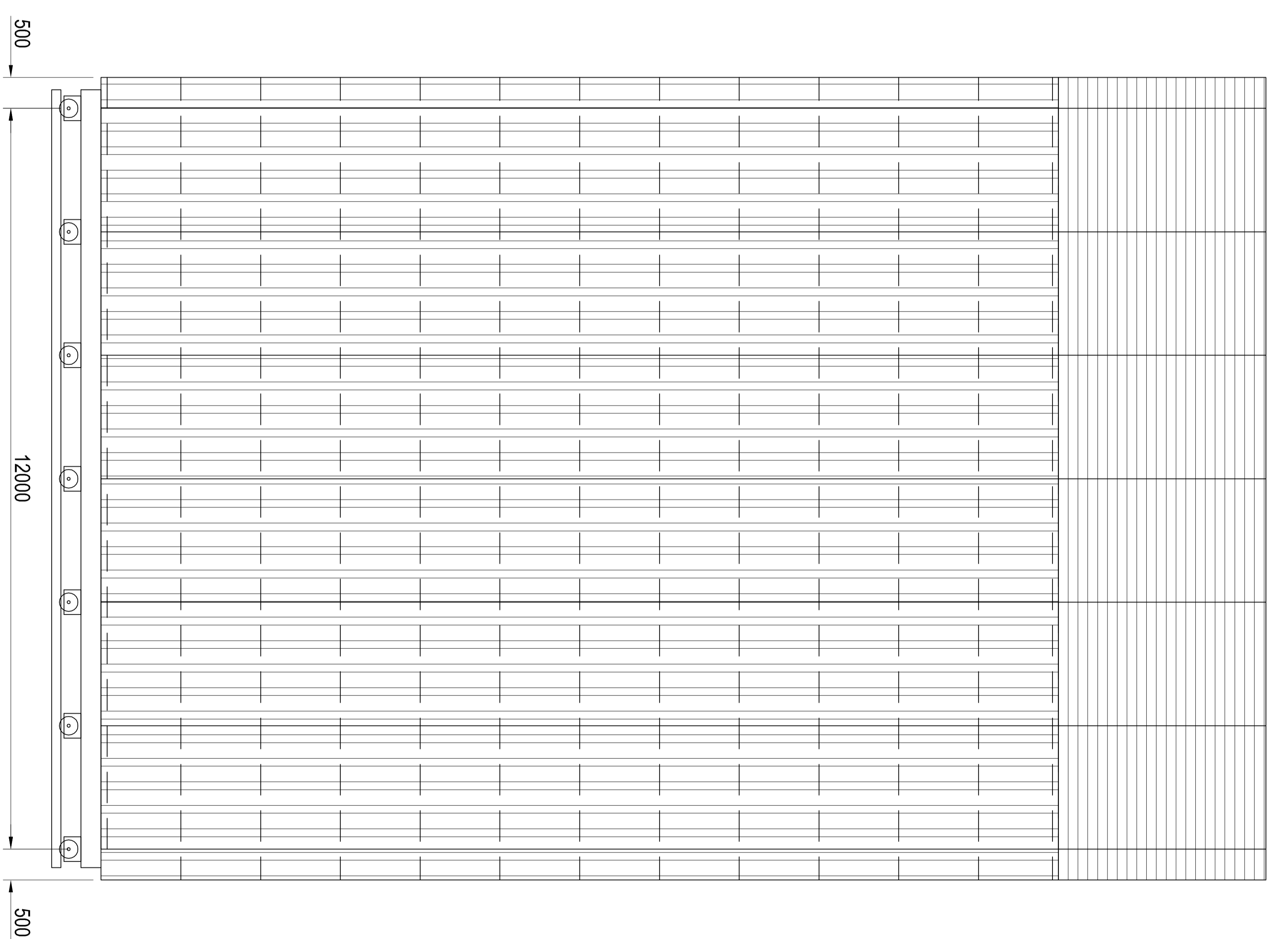
<p>NOTE: 1. ALL DIMENSIONS ARE IN MILLIMETER. 2. THIS DRG. IS NOT TO ANY SCALE FOLLOW WRITTEN VALUES ONLY. DO NOT SCALE THE DRG. 3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, ELECTRICAL OR OTHER RELATED DRAWINGS. 4. WELDING AS PER IS 816 - 1974 & IS 813-1986. 5. BUTT WELD SHALL BE SINGLE V BUTT WELD FOR THICKNESS LESS THAN 16MM AND DOUBLE V BUTT WELD FOR THICKNESS EQUAL TO OR MORE THAN 16 MM. 6. USE WELD SIZE = (MINIMUM THICKNESS OF CONNECTING PLATES) - 1.5MM WITH MINIMUM OF 6MM SIZE UNLESS OTHERWISE SPECIFIED.</p>	
<p>PROJECT MOVABLE COVERED SHED TYPE 1 (WT18X112X H15M) MALPE YARD</p>	<p>STRUCTURAL CONSULTANT Roy & Shenoy An ISO 9001 Certified Company ARCHITECTURE, STRUCTURAL ENGINEERING AND PROJECT MANAGEMENT Third Floor, 'CONVULS' AEC, Balmain Road, Himgolconda, Mangalore-575001. Ph: 41-824-2443351, 2443352 Udupi 5761 08 Malpe Harbour Complex, Malpe</p>
<p>CLIENT UDUPI COCHIN SHIPYARD</p>	<p>SIGNATURE UPDATED RECORDS</p>
<p>REV. DATE R00 28-08-24 HAS BEEN ADDED</p>	<p>DESCRIPTION SHEET TO PURLIN + BOLT DETAILS - WHEEL LOAD</p>
<p>TITLE MOVABLE COVERED SHED TYPE 1 (WT18X112X H15M) CONNECTION DETAILS</p>	<p>JOB NO. 0776</p>
<p>DRAWN NAVEN</p>	<p>CHECKED ROHITH</p>
<p>SCALE NOT TO SCALE</p>	<p>APPROVED P. SHENOY</p>
<p>DRAWING NO. R S 0 7 7 6 S 0 0 9 A 1 R 0 1 1</p>	<p>1</p>

0 0 R 0 0
8 A 0 1 0 S 9 7 7 0 S 1
R 0 0

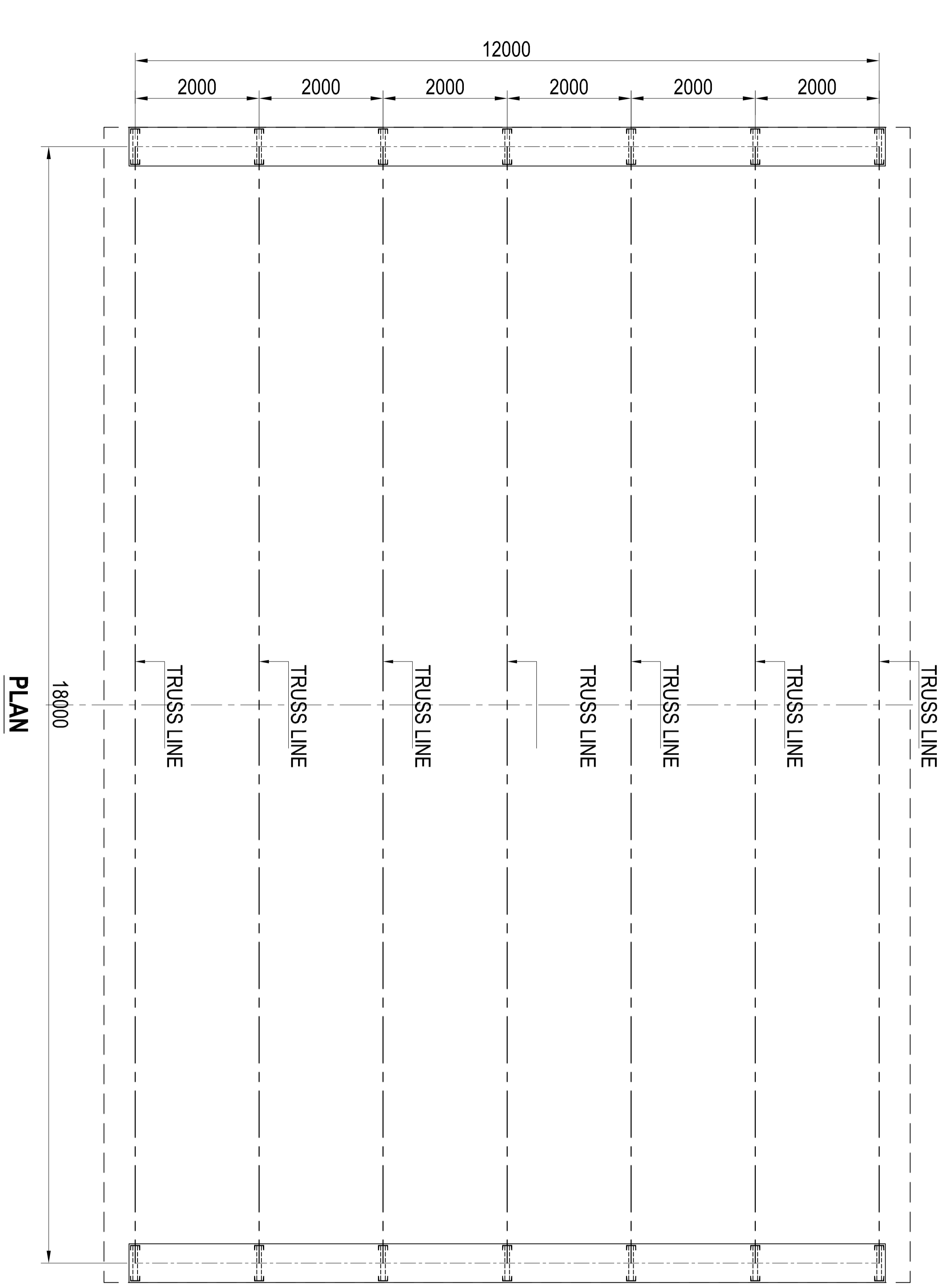
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SECTION



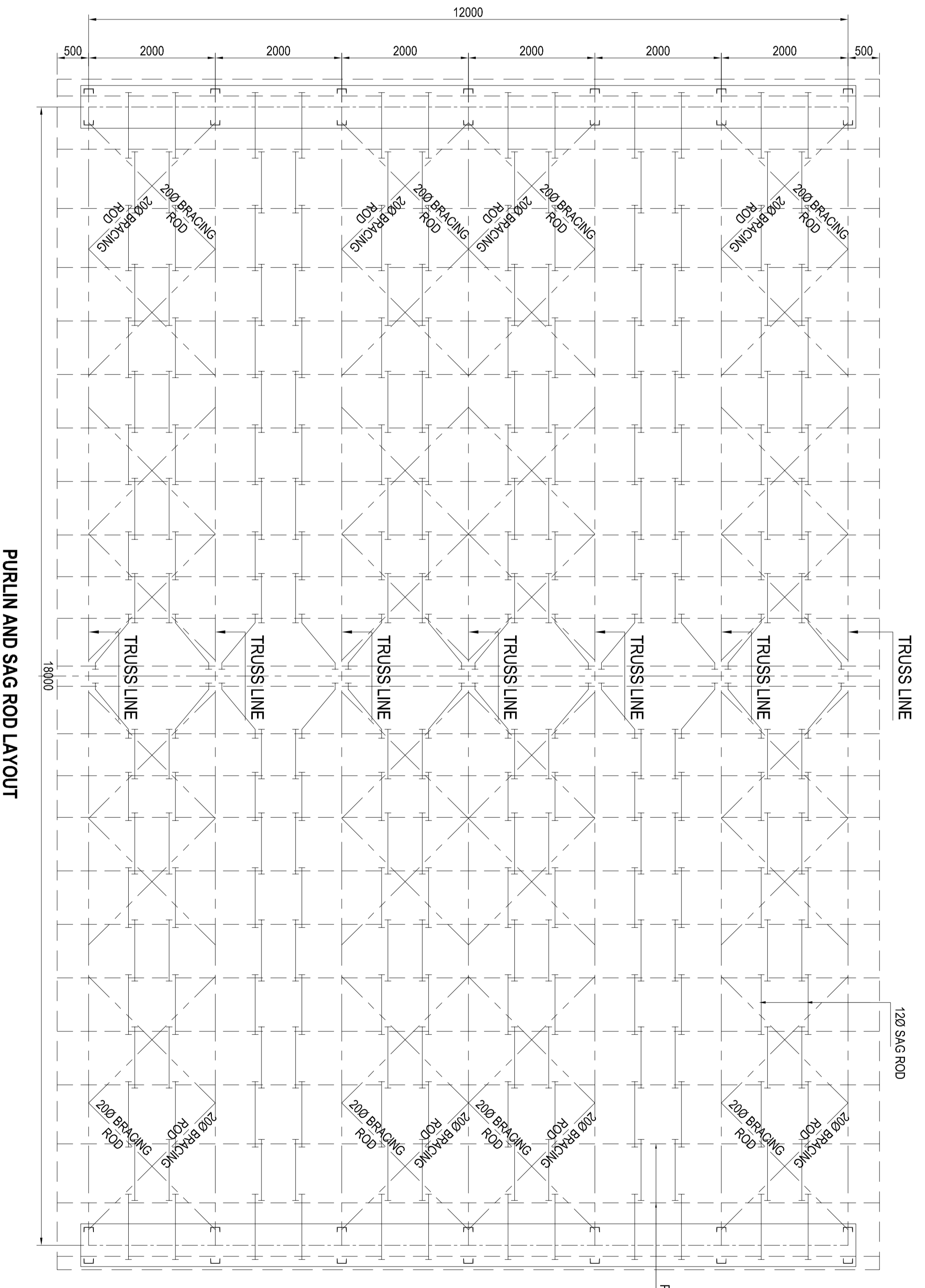
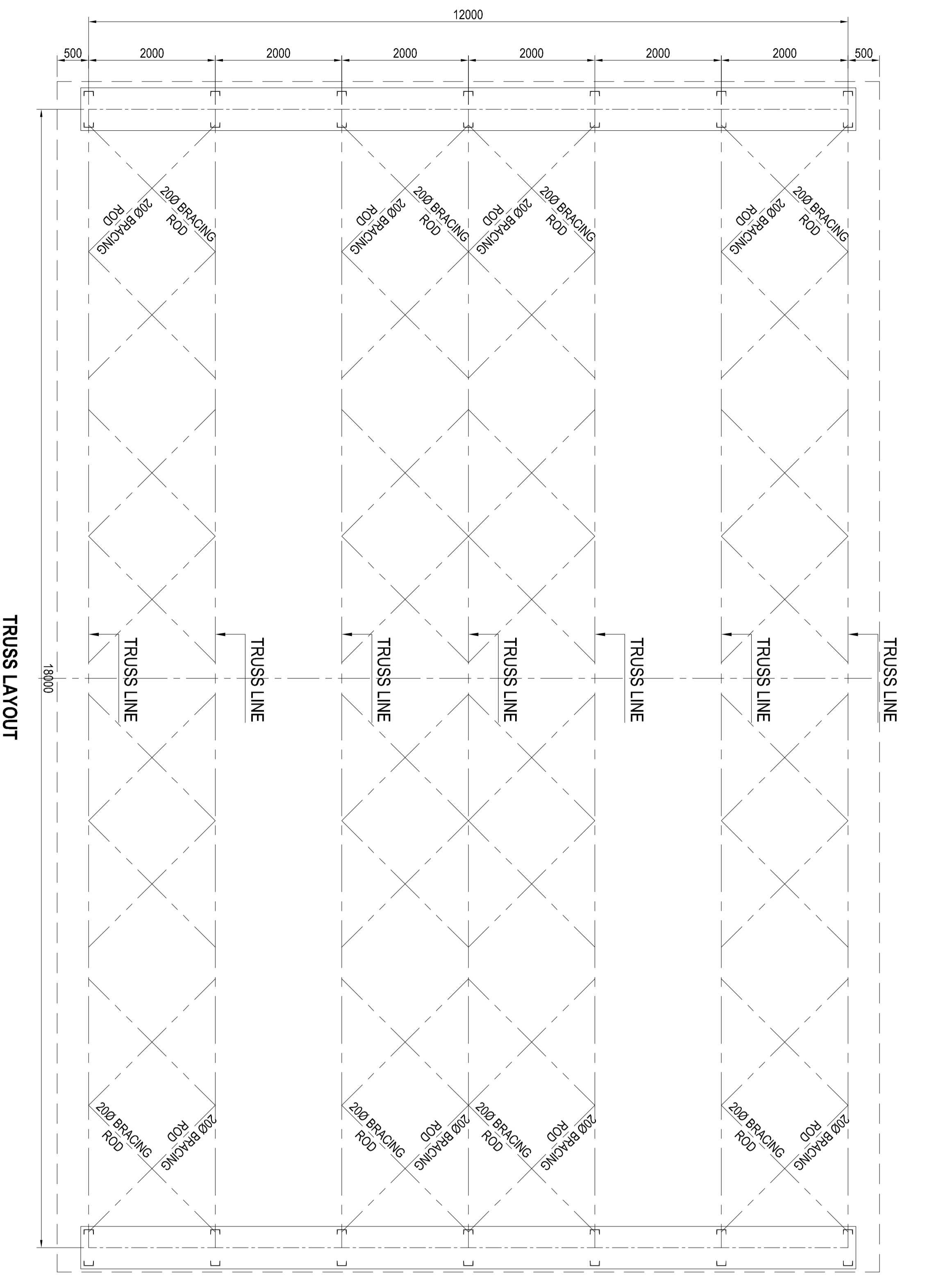
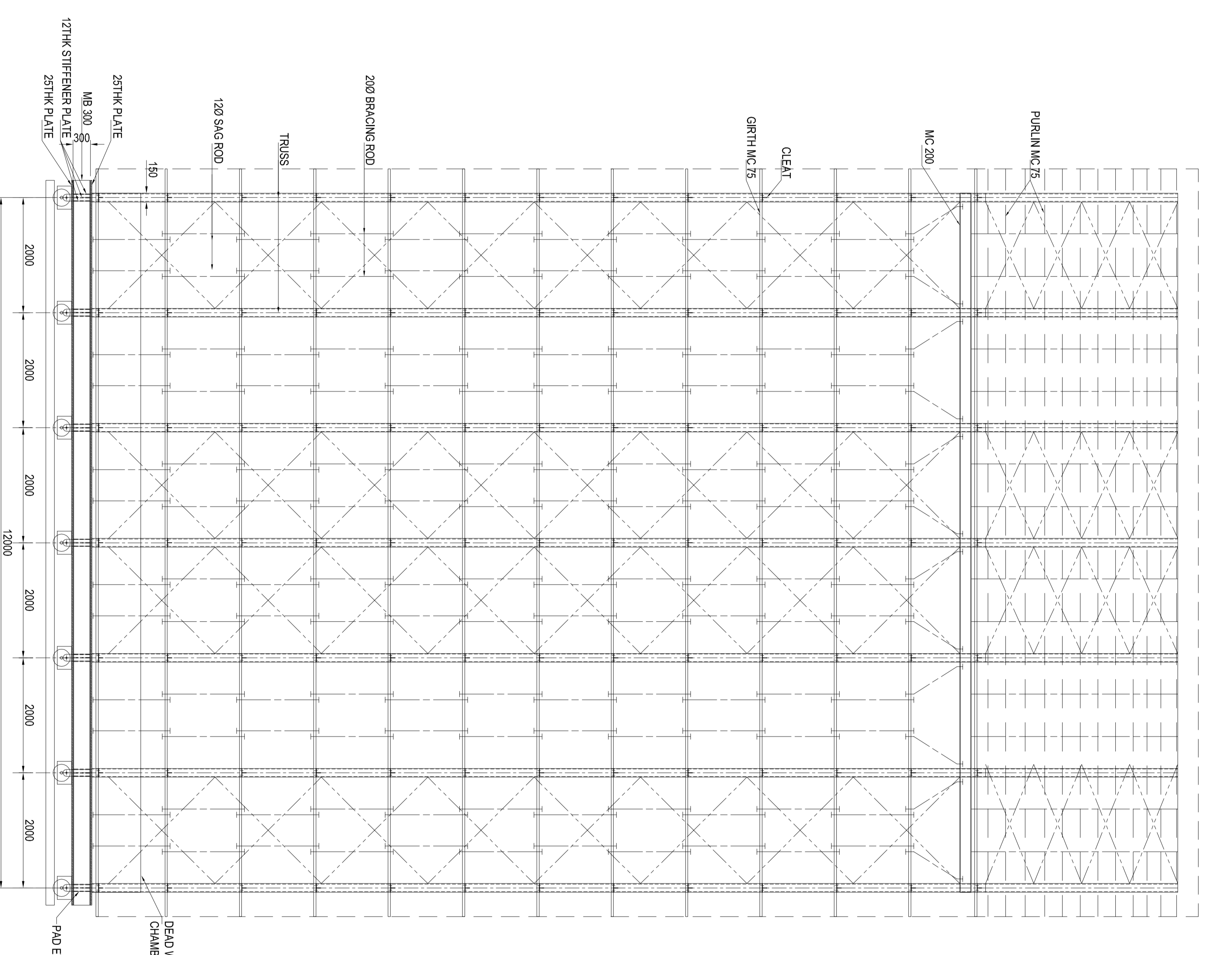
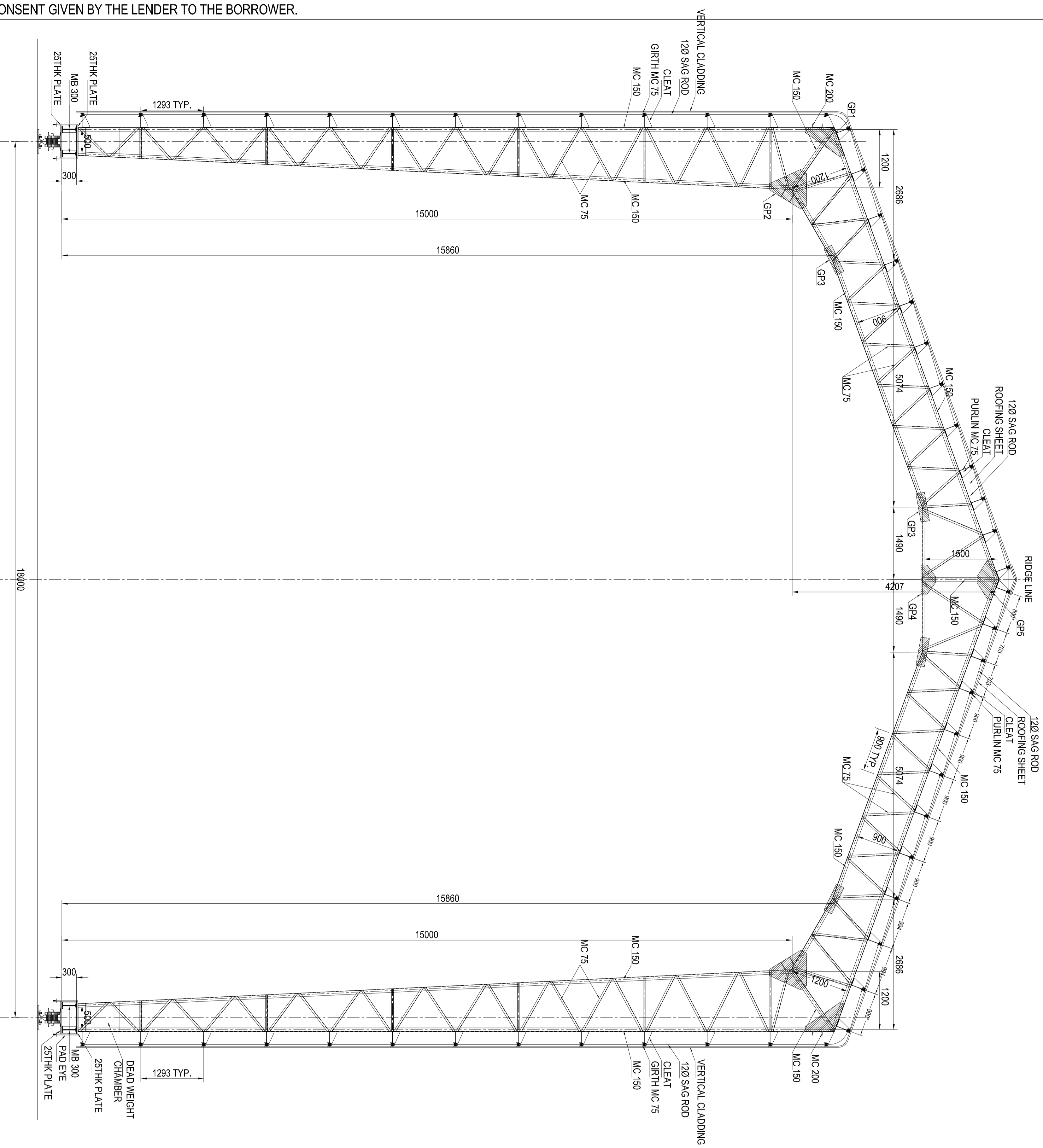
SIDE ELEVATION



PLAN

NOTE:
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REV.	DATE	DESCRIPTION	SIGNATURE
			UPDATED RECORDS
CLIENT	UDUPI COCHIN SHIPYARD LIMITED Malpe Harbour Complex, Malpe Udupi 5761 08		
STRUCTURAL CONSULTANT	 Roy & Shenoy An ISO 9001 Certified Company ARCHITECTURE, STRUCTURAL ENGINEERING AND PROJECT MANAGEMENT Third Floor, CRYSAL ACZ, Balanara Road, Hampshakuda, Mangalore-575001, Ph:-91-824-2443351, 2443352		
PROJECT	MOVABLE COVERED SHED AT UCSL MALPE YARD		
TITLE	MOVABLE COVERED SHED (W18X L12X H15M) TYPE -2 (GENERAL ARRANGEMENT DRAWING)		JOB NO. 0776
DRAWN	NAVEEN	CHECKED	ROHITH
SCALE	NOT TO SCALE	APPROVED	P. SHENOY
DRAWING NO.	R S I 0 7 7 6 S I 0 1 0 A 2 R 0 0		

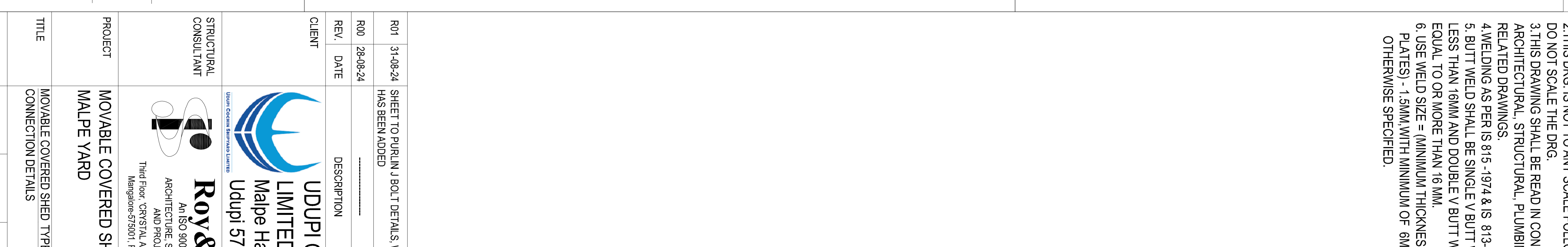
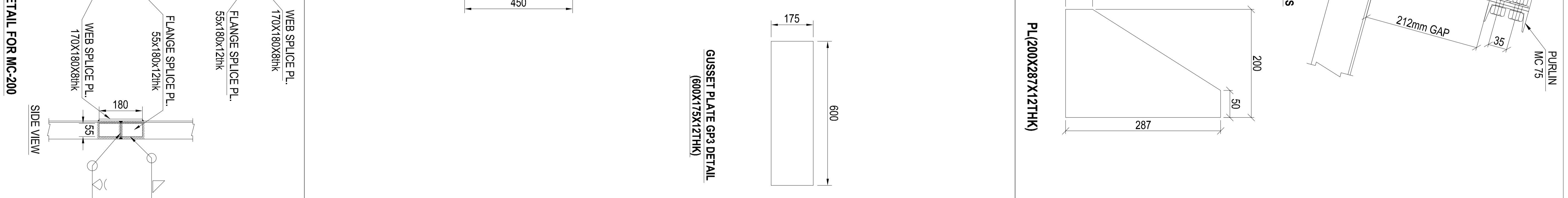
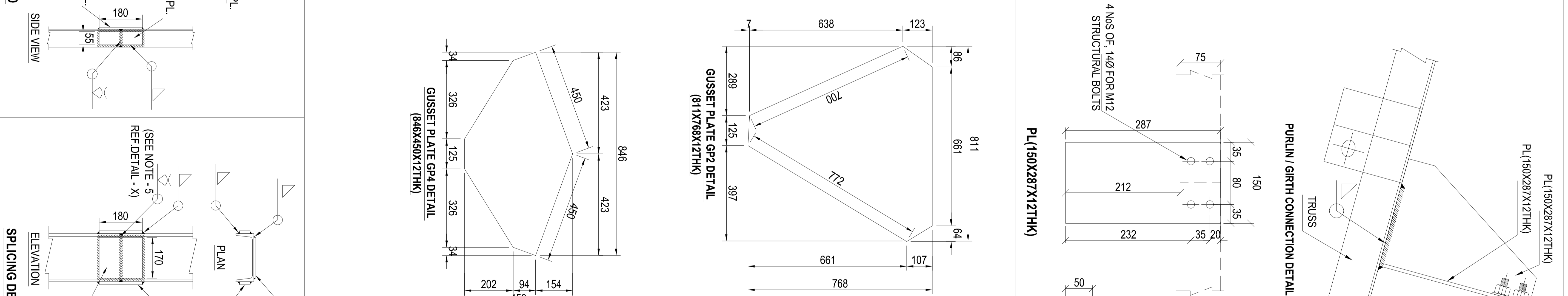
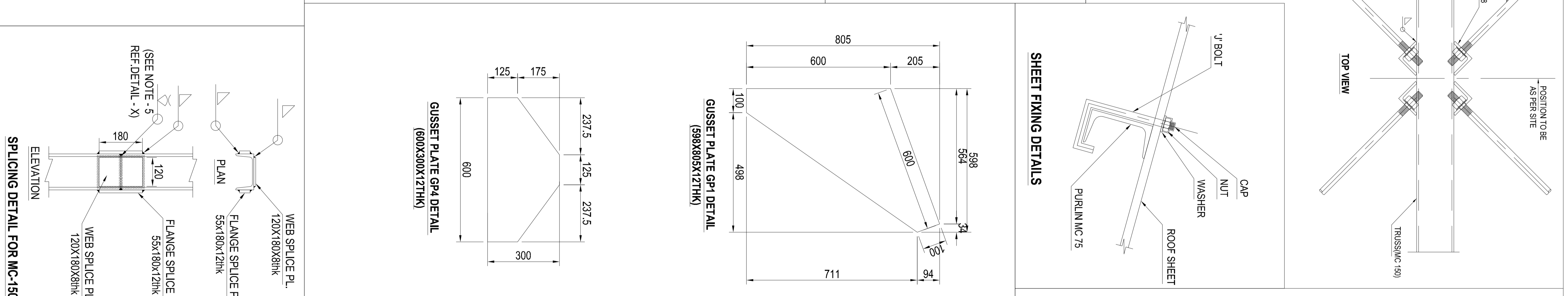
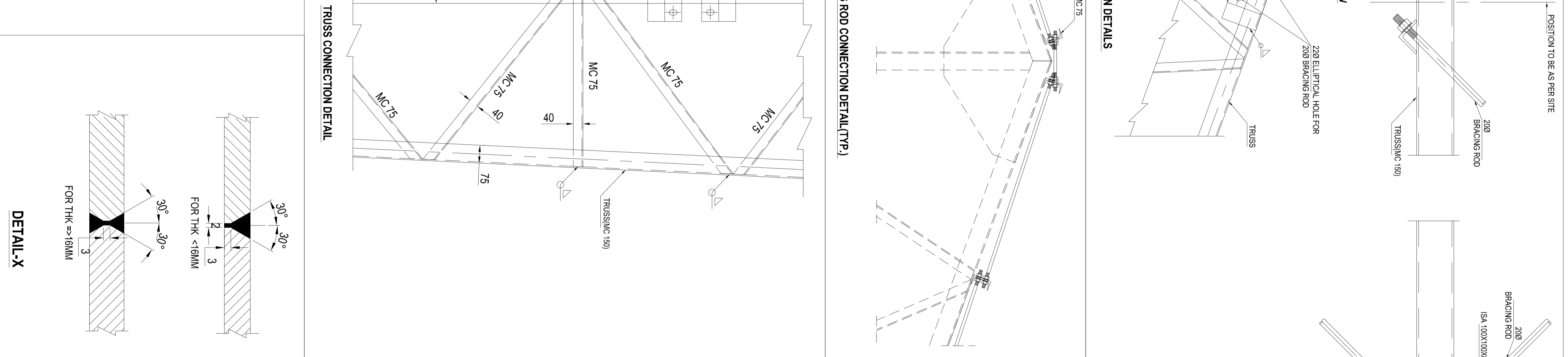
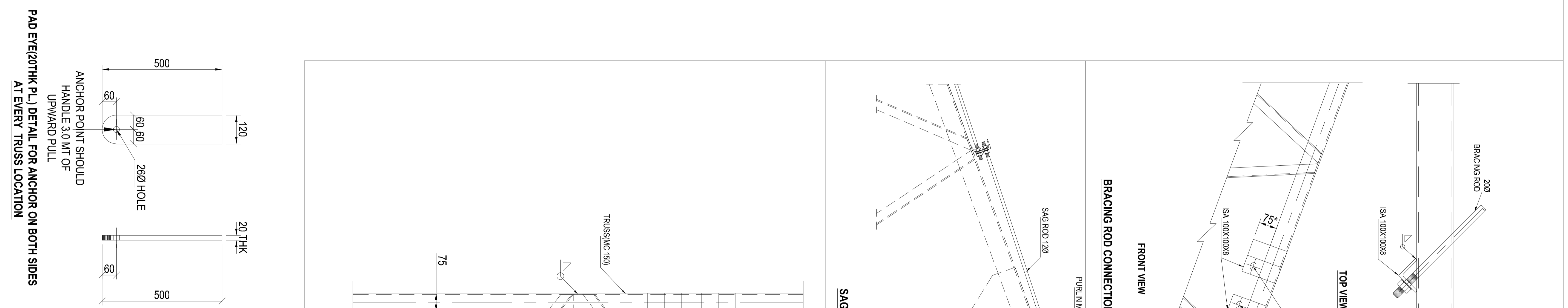
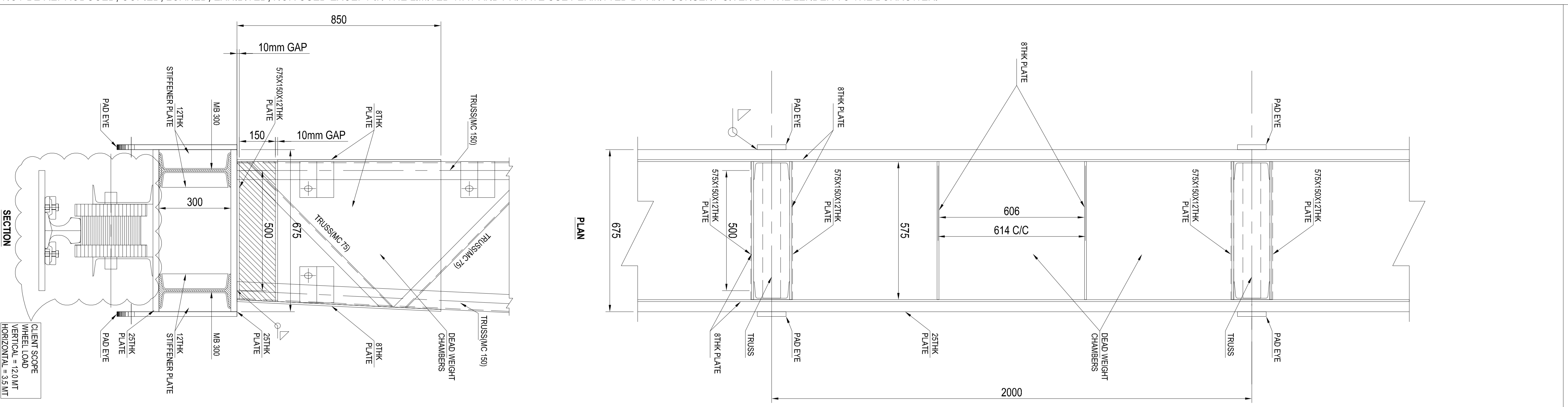


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 4. WELDING AS PER IS 815 -1974 & IS 813-1986.
 5. BUTT WELD SHALL BE SINGLE V BUTT WELD FOR THICKNESS LESS THAN 16MM AND DOUBLE V BUTT WELD FOR THICKNESS EQUAL TO OR MORE THAN 16 MM.
 6. USE WELD SIZE = (MINIMUM THICKNESS OF CONNECTING PLATES) - 1.5MM WITH MINIMUM OF 6MM SIZE UNLESS OTHERWISE SPECIFIED.

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REV.	DATE	DESCRIPTION	SIGNATURE
CLIENT		UDUPI COCHIN SHIPYARD	UPDATED RECORDS
STRUCTURAL CONSULTANT		Roy & Shenoy LIMITED	
		An ISO 9001 Certified Company	
		ARCHITECTURE, STRUCTURAL, ENGINEERING	
		AND PROJECT MANAGEMENT	
		Third Floor, "CRYSTAL ARC", Balarama Road, Hampdenhall, Mangalore-575001. Ph: 91-824-2443551, 2443352	
PROJECT		MOVABLE COVERED SHED AT UCSL MALPE YARD	
TITLE		MOVABLE COVERED SHED TYPE 2 (WT18X L12X H15M)	JOB NO. 0776
DRAWN	NAVEEN	CHECKED ROHITH	
SCALE	NOT TO SCALE	APPROVED P. SHENOY	
DRAWING NO.	R S 0 7 7 6 S 0 1 1 A 1 R 0 0		

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 7. USE WELD SIZE = (MINIMUM THICKNESS OF CONNECTING PLATES) - 1.5MM WITH MINIMUM OF 6MM SIZE UNLESS OTHERWISE SPECIFIED.

REV.	DATE	DESCRIPTION	SIGNATURE
R01	31-08-24	SHEET TO PURLIN J BOLT DETAILS, WHEEL LOAD	
R00	28-08-24	HAS BEEN ADDED	

PROJECT
MOVABLE COVERED SHED TYPE 2 (W18X L12X H15M)
MALPE YARD

STRUCTURAL CONSULTANT
Roy & ShenoY
An ISO 9001 Certified Company
ARCHITECTURE, STRUCTURAL, ENGINEERING AND PROJECT MANAGEMENT
Third Floor, 'CONVULS' AEC, Balmain Road, Himgalpet, Bangalore-575001. Pvc-41-824-2443351, 2443352
Udupi 5761 08
MaIpe Harbour Complex, Malpe

CLIENT
UDUPI COCHIN SHIPYARD

TITLE
MOVABLE COVERED SHED TYPE 2 (W18X L12X H15M)
CONNECTION DETAILS

DRAWN
NAVEEN

SCALE
NOT TO SCALE

CHECKED
ROHITH

APPROVED
P. SHENOY

DRAWING NO.
RS0776S012A1R01