

TENDER No. UCSL/CC/SER/T/CSL/262/2026 Dt-23.07.2026

**TENDER FOR STRUCTURAL STEEL STRENGTHENING
WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON
ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES AT
ALUMINIUM FABRICATION SHOP, COCHIN SHIPYARD
LIMITED**



UDUPI COCHIN SHIPYARD LIMITED

UDUPI COCHIN SHIPYARD LIMITED
MALPE, UDUPI 576108





Udupi Cochin Shipyard Limited
TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON
ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES
UCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026

TENDER NOTICE

Tender No. & date	UCSL/CC/SER/T/CSL/262/2026 Dt. 23 rd July 2026
Name of work	TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES AT ALUMINIUM FABRICATION SHOP, COCHIN SHIPYARD LIMITED
Site Visit	27th July 2026 (Monday), 10:00Hrs
Last date & time of receipt of tender	05th August 2026 (Wednesday), 15:30hrs
Date & time of opening of Technical Bid (Part-I)	05th August 2026 (Wednesday), 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. Bidders are requested to visit the site on the specified date to familiarize themselves with the site conditions and operational requirements prior to submitting their bids, the bidder should send the details of the personnel visiting the yard to contractcell@udupicsl.com on or before 26th July 2026.
3. Site visit will be conducted at CSL Cochin Yard.
4. Clarifications if any, is to be forwarded on or before **05th August 2026 (Wednesday), 15:00hrs.**
5. **The following shall be submitted along with the quote: -**

PART- I: TECHNICAL BID

- a. **Tender document duly signed on all pages** - Including Terms & conditions & Scope of work- at Annexure I & II.
- b. **The techno commercial Check List** at Annexure VII to be filled up completely and duly signed.
- c. Duly filled form at Annexure -IV, V & VI.

PART-II: PRICE BID

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

3. 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 5 above
Part II: Price Bid.





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- 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.
- vi. However, subject to travel restrictions, the bidders can also attend the bid opening physically at Udupi Cochin Shipyard Limited, Baputhotta Ware house complex Office.
- 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.
6. 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.
7. The tender should be addressed to the **Assistant General Manager (Contract Cell), Udupi Cochin Shipyard Limited, Malpe Harbor Complex, Malpe, Udupi 576 108, Karnataka, India.**
8. 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 (Contract Cell), Udupi Cochin Shipyard Limited and reserves the authority to reject the tender received without assigning any reason.

Contact person: Pradeep K: Ph. No: 9895705138

Assistant General Manager (Contract Cell)

अखिल आर पी

AKHIL R P

प्रबंधक MANAGER

उदुपि कोचीन शिपयार्ड लिमिटेड

UDUPI COCHIN SHIPYARD LIMITED

माल्पे, कर्नाटक/MALPE, KARNATAKA-576 108

Encl:

- | | |
|------------------------------------|----------------|
| 1. Terms & Conditions | - Annexure I |
| 2. Scope of work | - Annexure II |
| 3. Price Bid | - Annexure III |
| 4. Power of Attorney | - Annexure IV |
| 5. Unconditional Acceptance Letter | - Annexure V |
| 6. Undertaking by Agency | - Annexure VI |
| 7. Techno Commercial Check List | - Annexure VII |





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TERMS AND CONDITIONS

TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES AT ALUMINIUM FABRICATION SHOP, COCHIN SHIPYARD LIMITED

1. DESCRIPTION OF WORK

- 1.1. This tender is invited for the design (where applicable), supply, installation, testing, commissioning, and associated structural strengthening works for two (02) numbers of 25 T capacity Electric Overhead Travelling (EOT) Cranes at the Aluminium Fabrication Shop located within the premises of Cochin Shipyard Limited (CSL), Kochi, for Udupi Cochin Shipyard Limited (UCSL).
- 1.2. The scope includes dismantling of the existing crane rails, structural strengthening of the crane runway girders and supporting columns, installation and alignment of crane rails, erection and commissioning of the EOT cranes, load testing, and all other incidental works required for the successful completion of the project, as specified in the tender documents.
- 1.3. The bidder shall carefully study the tender documents, specifications, drawings, and scope of work and shall satisfy themselves regarding the nature and extent of the work before submitting their bid. The bidder shall seek clarification from UCSL regarding any discrepancy or ambiguity in the tender documents prior to submission of the bid.
- 1.4. The bidders are strongly advised to visit the work site and familiarize themselves with the existing site conditions, accessibility, working environment, available facilities, and any constraints that may affect the execution of the work. Submission of the bid shall be deemed to indicate that the bidder has fully understood the site conditions and has taken all such factors into account while quoting their rates. No additional claim on account of lack of site knowledge or unforeseen site conditions that could reasonably have been ascertained during the site visit shall be entertained by UCSL.
- 1.5. **Working Environment:** The work shall be executed within an operational shipbuilding facility. The Contractor shall plan and execute the work in coordination with UCSL/CSL to ensure minimum disruption to ongoing production activities. The Contractor shall comply with all applicable safety regulations, work permit systems, security requirements, and instructions issued by UCSL/CSL during the execution of the work.

2. GENERAL SCOPE OF WORK

- 2.1. It is proposed to decommission and dismantle the existing 12.5 t crane and replace it with above two cranes. To accommodate two numbers of 25t capacity crane the existing crane girder and columns have to be strengthened. The crane rails run over a plate girder supported on columns provided at a spacing of 10m at two sides. It also projects outside by



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5m at one side to facilitate direct loading and unloading of materials from trucks. The crane rails are at an elevation of about 13 m from the ground. The rails are positioned using clamps at a spacing of 384 mm which are tightened using M16 bolts. The existing girders and columns are not sufficient to take the load of the two 25t capacity cranes and require strengthening.

2.2. Refer **Annexure II** for detailed scope of work

3. ELIGIBILITY CRITERIA

The bidder shall submit documentary evidence in support of the following minimum eligibility criteria along with the Technical Bid (Part-I). Failure to furnish the required documents may result in rejection of the bid. The bidder shall have successfully completed at least one project involving the installation, replacement, modernization, or relocation of EOT cranes of 20 T capacity or above, including crane runway alignment and/or structural strengthening of supporting steel structures, during the last five (05) years.

3.1.Registration

- The bidder shall be a legally registered entity under the applicable laws of India (Company, Partnership Firm, LLP, Proprietorship, etc.) and shall submit valid registration documents, including incorporation/registration certificate, GST registration, PAN, and any other statutory registrations applicable to the business.

3.2.Work Experience

- The bidder shall have successfully completed tandem crane installation works, structural works for crane installation, structural strengthening of crane runway girders and supporting structures, or fabrication and erection of industrial steel structures for workshops for Central Government Departments, State Government Departments, Public Sector Undertakings (PSUs), or reputed Private Sector organizations during the last three (03) years, ending on the last day of the month preceding the month in which tenders are invited.
- The bidder shall have successfully executed at least one (01) project involving a workshop or industrial building having a minimum length of 140 m, width of 20 m, and clear height of 15 m, or a project of comparable size and complexity involving the installation of overhead EOT cranes and associated structural steel works.
- Documentary evidence in the form of Work Orders, Completion Certificates, and/or Performance Certificates clearly indicating the scope of work, dimensions (where applicable), and satisfactory completion shall be submitted along with the Technical Bid.
- The bidder shall satisfy any one of the following criteria:
 - One completed work of value not less than ₹65.00 Lakhs.

OR





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b) Two completed works, each of value not less than ₹40.00 Lakhs.

OR

c) Three completed works, each of value not less than ₹25.00 Lakhs.

3.3. Documentary Evidence

The bidder shall submit self-attested copies of the following documents along with the Technical Bid:

- Work Orders/Contracts.
- Completion Certificates or Performance Certificates issued by the client.
- Certificates shall clearly indicate the scope of work, contract value, completion status, and satisfactory performance.

3.4. Definition of Similar Work

For the purpose of this tender, **similar work** shall include one or more of the following:

- Supply, installation, testing, and commissioning of Electric Overhead Travelling (EOT) cranes.
- Tandem crane installation works.
- Structural strengthening/modification of industrial steel structures for crane installation.
- Installation or replacement of crane rails, girders, runway beams, and associated structural works.
- Heavy industrial structural steel fabrication and erection related to crane systems.

The works shall have been executed for Central Government Departments, State Government Departments, Public Sector Undertakings (PSUs), Autonomous Bodies, or reputed Private Sector organizations.

A. Experience in EOT Crane Projects

- The bidder shall have successfully executed design, supply, installation, testing, commissioning, modernization, relocation, or structural strengthening works associated with Electric Overhead Travelling (EOT) Cranes of 20 T capacity or above in shipyards or heavy engineering industries.
- The bidder shall submit documentary evidence such as work orders, completion certificates, commissioning certificates, or client testimonials in support of the above.

B. Experience in Heavy Industrial Facilities

The bidder shall have executed similar works in one or more of the following industries:





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- Shipbuilding and Ship Repair Yards
- Heavy Engineering Industries
- Steel Plants
- Power Plants
- Oil & Gas Industries
- Petrochemical Plants
- Defence Establishments
- Large Manufacturing or Fabrication Facilities

Experience in executing works in operational industrial facilities, where production activities continued during execution, shall be preferred.

C. Technical Competency

The bidder shall possess demonstrated experience in:

- Structural analysis and strengthening of crane runway girders.
- Installation and alignment of crane rails.
- Installation and commissioning of heavy-duty EOT cranes.
- Precision alignment of crane runway systems.
- Load testing and commissioning of EOT cranes.
- Working at elevated heights on industrial steel structures.

D. Key Personnel

The bidder shall deploy qualified personnel having experience in EOT crane projects, including:

- Structural Engineer
- Mechanical Engineer
- Electrical Engineer
- Site Supervisor
- Certified Welders
- Riggers
- Crane Erection Technicians
- Safety Officer





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The Contractor shall submit the qualifications and experience of key personnel prior to commencement of work.

E. Safety Performance

The bidder shall have a satisfactory safety record and shall furnish:

- Details of major accidents, if any, during the last three years.
- Valid safety certifications (if available), such as ISO 45001.
- HSE policy and safety organization chart.

3.5. Financial Capacity

The bidder shall have an average annual turnover of not less than ₹100.00 Lakhs during the last three (03) consecutive financial years.

The bidder shall submit:

- Audited Balance Sheets.
- Profit & Loss Accounts.
- Certificate from a Chartered Accountant indicating the average annual turnover

3.6. Declaration of Eligibility

- The bidder shall not have been **blacklisted, debarred, suspended, or declared ineligible** by the Government of India, any State Government, Public Sector Undertaking, or any Government Agency as on the date of submission of the bid.
- A self-declaration to this effect, on the bidder's letterhead, shall be submitted along with the Technical Bid.

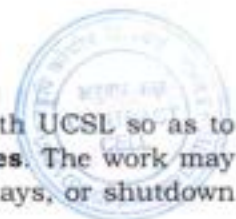
4. SCHEDULE OF COMPLETION

4.1 Completion Period

The entire scope of work shall be completed within **forty-five (45) calendar days** from the date of commencement of work or issuance of the Work Order/Letter of Intent (LOI), whichever is earlier, unless otherwise specified by UCSL.

4.2 Work Planning

The Contractor shall plan and execute the work in close coordination with UCSL so as to **avoid disruption to the ongoing shipbuilding and fabrication activities**. The work may be required to be carried out in phases, during non-working hours, holidays, or shutdown periods as directed by the Engineer-in-Charge.





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Within **seven (07) days** of award of the contract, the Contractor shall submit a detailed work programme indicating:

- Activity-wise execution schedule.
- Resource deployment plan (manpower, equipment, and tools).
- Material procurement schedule.
- Crane rail dismantling, structural strengthening, installation, alignment, testing, and commissioning sequence.
- Safety and quality inspection milestones.
- Critical path and completion milestones.

The programme shall be approved by the Engineer-in-Charge before commencement of the work. Any revision to the approved schedule shall require prior approval from UCSL.

4.4 Progress Monitoring

The Contractor shall deploy adequate manpower, supervision, equipment, and other resources to ensure completion of the work within the stipulated period. Weekly progress review meetings shall be held with UCSL, and the Contractor shall submit weekly progress reports highlighting completed activities, planned activities, and any issues affecting the schedule.

4.5 Delay in Completion

Time shall be the essence of the Contract. Any delay attributable to the Contractor shall be dealt with in accordance with the provisions of the Contract, including levy of Liquidated Damages (LD), unless the delay is due to reasons attributable to UCSL or Force Majeure.

4.6 Site Coordination

The Contractor shall coordinate all activities with the Engineer-in-Charge and other agencies working at the site. Work shall be executed only after obtaining the necessary work permits, safety clearances, and shutdown approvals wherever applicable.

4.7 Testing and Handover

The work shall be considered complete only after:

- Completion of all structural strengthening and crane rail installation works.
- Final alignment of crane rails within specified tolerances.





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- Successful load testing and commissioning of both 25 T EOT cranes (where included in the scope).
- Submission of all inspection records, test certificates, as-built drawings, and completion documents.
- Issuance of the Completion Certificate by UCSL.

4.8 Working Hours

The Contractor shall execute the work as per the working hours prescribed by UCSL. However, to meet the project schedule or to avoid interference with production activities, the Contractor may be required to work during extended hours, night shifts, weekends, or holidays without any additional cost to UCSL, subject to prior approval from the Engineer-in-Charge.

5. PERIOD OF CONTRACT & COMMENCEMENT OF SERVICES**5.1 Contract Period**

The Contract shall come into effect from the date of issuance of the Letter of Intent (LOI)/Work Order and shall remain valid for a period of twelve (12) months or until successful completion of all contractual obligations, including rectification of defects (if applicable), whichever is earlier.

5.2 Commencement of Work

The Contractor shall commence the work within seven (07) days from the date of issue of the Work Order or from the date of handing over of the work site, whichever is later, unless otherwise instructed by UCSL.

5.3 Completion of Work

Notwithstanding the overall validity of the Contract, the Contractor shall complete the entire scope of work within the completion period specified under Clause 4 - Schedule of Completion, unless an extension of time is granted in writing by UCSL.

5.4 Rate Validity

The rates quoted by the Contractor shall remain firm and fixed throughout the validity of the Contract. No escalation in rates on account of increase in the cost of labour, materials, fuel, taxes (except statutory changes specifically provided for in the Contract), freight, exchange rate fluctuations, or any other reason shall be entertained by UCSL.

5.5 Extension of Contract

If required for completion of the work or due to reasons not attributable to the Contractor, UCSL reserves the right to extend the validity of the Contract on the same terms and





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conditions without any change in the quoted rates, unless otherwise mutually agreed in writing.

6. METHOD OF AWARDING CONTRACT

- 6.1. 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.
- 6.2. UCSL reserves the right to distribute the work between the bidders for faster execution of the work or to cancel the tender, if so, felt necessary.

7. VALIDITY

- 7.1. The offer shall be valid for a period of 12(Twelve) months from the due date of the tender.

8. RATE

- 8.1. Rates are to be quoted in the Price Bid Format at Annexure III attached herewith.

9. PAYMENT

- 9.1. Payment Terms Payment will be made in 4 stages.
 - a) **Stage-1** : 20% of the contract value against dismantling of crane rails, removal of clamps, fish plates, and completion of surface preparation.
 - b) **Stage-2** : 60% against fabrication, supply, erection, welding, and installation of additional flange plates and web plates based on measured quantities.
 - c) **Stage-3** : 15% against reinstallation of crane rails, alignment, bolting, painting, and completion of all associated works.
 - d) **Stage-3** : 5% after final completion, submission of all documents, and issuance of the completion certificate.
- 9.2. Payment shall be made within 30 days from receipt of invoice and necessary documentation as applicable.
- 9.3. Statutory levies such as I.T, Contribution towards PF, ESI, PT etc., shall be deducted from the bill as applicable.
- 9.4. 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.

10. TAXES & DUTIES





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10.1. 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 Shipyards Limited **(29AAACT1281B1ZO)**.

11. SECURITY DEPOSIT

11.1. 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.

12. WARRANTY

- 12.1. The Contractor shall provide a warranty of 12 months from the date of commissioning or 15 months from the date of invoicing, whichever occurs earlier. This warranty shall cover manufacturing defects for the items expect drag chain and tele radio remote and ensure the defect-free and safe operation of the cranes During the warranty period, if any repairs require the replacement of spare parts supplied and installed by the Contractor, such parts shall be replaced free of cost by the Contractor.
- 12.2. For Tele radio and Drag chain required warranty will be 2 years and 5 years from the date of commissioning.

13. PERFORMANCE GUARANTEE

- 13.1. The complete work carried out by the contractor shall be guaranteed against defective on poor workmanship for a period of 12 months from the date of completion of work. Any work found defective during this period is to be repaired entirely at the contractor's cost.
- 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 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.





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- 14.1. The progress of work will be monitored against the mutually agreed detailed schedule. Liquidated damages for delays in execution of the work beyond the scheduled date of completion, 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.
- 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





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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.

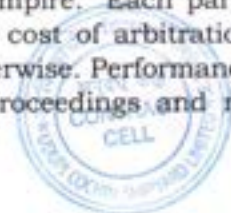
16.7. UCSL may by notice in writing to Agency terminate the order after issuing due notice i.e., 30 days' notice period. UCSL shall be entitled to compensation for the loss limited to the order value.

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.

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





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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

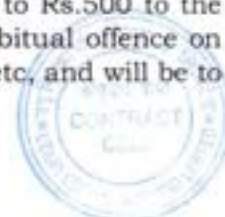
19.1. The information contained in the enquiry as such shall NOT be communicated to any third party without prior approval of UCSL.

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

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.





Udupi Cochin Shipyard Limited

TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANESUCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026**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. STORAGE OF MATERIAL AND EQUIPMENT

- 22.1. The Contractor shall arrange the storage of the materials/ equipment etc. if any, at a suitable location assigned by UCSL and shall ensure the safe and secure possession and handling of the items thus handed over to contractor. UCSL shall allot storage space within UCSL premises, if available.
- 22.2. As regards the equipment/materials stored by him as above as also in use by him, UCSL will not be responsible for any damage, pilferage, accident that may take place during the course of execution of the work. It will be entirely his responsibility to keep all the equipment, materials etc., in safe custody as also hold them duly insured at his expense.

23. IMS GUIDELINES

- 23.1. 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.
- a) Meeting or exceeding customer requirements.
 - b) Assuring quality of the products and service.
 - c) Preventing occupational ill health & injuries.
 - d) Ensuring safe work sites.
 - e) Conserving natural resources.
 - f) Preventing / minimizing air, water & land pollution.
 - g) Handling and disposal of Hazardous wastes safely.
 - h) Complying with statutory & regulatory and other requirements.
 - i) Developing skills and motivating employees.



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23.2. Occupational Health, safety & Environmental requirements of UCSL shall also include the following.

- a) 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.
- b) 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.
- c) 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.
- 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.

24. SAFETY OF PERSONNEL AND FIRST AID

24.1. The Agency 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. In this regard, the Agency will have to fully indemnify UCSL against any claims made by his workmen/other personnel.



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- 24.2. 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.
- 24.3. 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.

25. LABOUR LAWS AND REGULATIONS

- 25.1. 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.
- 25.2. 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.
- 25.3. 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.
- 25.4. 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.
- 25.5. 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.
- 25.6. 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.



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- 25.7. 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.
- 25.8. 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.
- 25.9. 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:
- 25.10. 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.)

- 25.11. 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.
- 25.12. **Agency shall familiarize themselves with the labour rules & regulations.**

26. ELECTRICITY RULES AND REGULATION

- 26.1. The contractor shall adhere to the various rules in respect of electrical installation as per the Indian Electricity Rules and Regulations and Electrical Inspectorate Standards in order to make sure that men and materials are safe from hazards.

27. OVERWRITING & CORRECTIONS

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

28. OTHER TERMS & CONDITIONS

- 28.1. Quality of services shall conform to the specification/ standards laid down by UCSL.
- 28.2. UCSL reserves the right to accept / reject any offer.





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- 28.3. 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.
- 28.4. 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.
- 28.5. 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.
- 28.6. 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.
- 28.7. 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.
- 28.8. The service provider shall also be governed by the General Conditions of Contract of UCSL, General Safety Rules and other relevant labour laws.
- 28.9. 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.
- 28.10. Assistant General Manager, or his authorized representative will be the Officer-in-charge of these contracts.





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SCOPE OF WORK

SCOPE OF WORK FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES AT ALUMINIUM FABRICATION SHOP, COCHIN SHIPYARD LIMITED

1. PROJECT OVERVIEW:

- 1.1. The Udupi Cochin Shipyard Limited (UCSL) is to strengthen the existing crane girder system of the Aluminium Fabrication Shop at Cochin Shipyard Limited for installation and operation of two numbers of 25 Ton Electric Overhead Travelling (EOT) Cranes.
- 1.2. The work consists of dismantling the existing crane rail system, strengthening the existing plate girders and supporting columns by providing additional structural steel members as per the drawings, reinstating the crane rail with new fastening arrangements, and carrying out painting of the modified structural members.
- 1.3. The strengthening scheme has been developed based on the structural design and drawings. The Contractor shall execute the work strictly in accordance with the approved fabrication drawings, technical specifications and instructions of the Engineer-in-Charge.

2. GENERAL

2.1. Introduction

Udupi Cochin Shipyard Limited (UCSL) is to strengthen the existing structural steel crane girder system of the Aluminium Fabrication Shop at Cochin Shipyard Limited to facilitate the installation and safe operation of Two (02) Nos. 25 Ton Electric Overhead Travelling (EOT) Cranes.

The strengthening works comprise dismantling of the existing crane rail system, strengthening of existing crane girders and supporting columns by welding additional structural steel members, reinstallation and alignment of the crane rails pre & post dismantling, painting of the modified steel structures, inspection, testing and all associated works necessary for successful completion of the project.

The Contractor shall execute the work strictly in accordance with this Technical Specification, approved design drawings, approved fabrication drawings, relevant Indian Standards, applicable statutory regulations and the instructions of the Engineer-in-Charge.





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2.2. Objective

The objective of this specification is to establish the minimum technical requirements governing:

- Supply of structural steel materials
- Fabrication
- Surface preparation
- Welding
- Inspection
- Painting
- Erection
- Testing
- Quality Assurance
- Documentation

required for successful completion of the strengthening works.

2.3. Location

The work shall be carried out inside the Aluminium Fabrication Shop of Udupi Cochin Shipyard Limited (UCSL), Kochi.

The Contractor shall familiarize himself with the site conditions before submission of the bid.

No additional claims arising out of ignorance of site conditions shall be entertained

2.4. Nature of Contract

The work shall be executed on a Turnkey Basis.

The Contractor shall provide all labour, supervision, materials, consumables, temporary works, tools, tackles, lifting appliances, welding equipment, testing equipment, safety arrangements, transportation, loading, unloading, handling, storage and all incidental items necessary for complete execution of the work unless specifically stated otherwise.

2.5. Definitions

For the purpose of this Specification, the following definitions shall apply.

Employer

Udupi Cochin Shipyard Limited (UCSL).

Engineer-in-Charge

The officer authorized by UCSL to supervise, inspect and administer the work.

Contractor

The successful bidder to whom the Contract is awarded.





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TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES

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All activities necessary for complete execution of the structural strengthening including fabrication, erection, testing, painting and handing over.

2.6. Contractor's Responsibility

The Contractor shall be deemed to have examined all drawings, specifications, site conditions and work requirements before submitting his offer.

Submission of bid shall constitute confirmation that the Contractor has understood the complete scope of work.

No claim for extra payment arising from misunderstanding of the work shall be entertained.

Supply includes

- Structural Steel
- Bolts
- Electrodes
- Primer
- Paint
- Welding consumables

Execution includes

- Fabrication
- Erection
- Welding
- Rail removal
- Rail alignment
- Testing
- Painting

2.7. Mobilization Schedule

Contractor shall mobilize manpower, machinery and materials within 10 days from the date of Work Order.

3. SCOPE OF WORK:**3.1. Dismantling of Existing Crane Rail.**

- Removal of approximately 20 MT of existing R52 crane rails installed over the plate girders at approximately 13 m elevation.





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- Prior to dismantling, carry out a detailed survey and record the existing rail alignment, gauge, level, and any horizontal or vertical misalignment between the two crane rails. The survey records shall be submitted to the Engineer-in-Charge for reference.
- Carefully remove all rail clips, fish plates, bolts, clamps, and associated fastening accessories without causing damage to the reusable components or the supporting steel structure.
- Stack and store the dismantled rails and reusable accessories at the location designated by the Engineer-in-Charge.
- Ensure adequate temporary supports, lifting arrangements, and safety measures are provided during dismantling to prevent damage to the existing structure and ensure safe execution of the work.
- Any damaged or unserviceable fastening components identified during dismantling shall be reported to the Engineer-in-Charge for replacement as directed.
- The Contractor shall clear the work area of all debris generated during dismantling and maintain good housekeeping throughout the operation.

3.2. Surface Preparation.

Cleaning and preparation of approximately 290 m² of existing steel girders and columns by

- Removal of existing paint
- Removal of rust
- Removal of mill scale
- Cleaning by mechanical tools/wire brush/power tools to obtain suitable welding surface.

3.3. Structural Strengthening.

Supply, fabrication and erection of approximately 52 MT of new structural steel members required for strengthening of the existing crane girder system consisting of

- Additional bottom flange plates
- Additional top flange plates
- Additional flange plates over cantilever girders
- Additional web plates for selected columns

Refer the drawings attached with the tender document for the reference, including

- cutting
- bending
- drilling
- machining
- preheating
- welding
- grinding
- erection
- alignment
- primer coating





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strictly in accordance with approved fabrication drawings.

Bolt holes shall be drilled. Gas-cut holes shall not be permitted under any circumstances.

Contractor shall prepare, check, and submit fabrication drawings for approval prior to commencement of fabrication.

3.4. Reinstallation of Crane Rail

Reinstallation of approximately 290 m of dismantled crane rail including

- transportation from storage
- alignment
- fixing using reused clamps
- reused fish plates
- new M16 bolts
- drilling matching bolt holes
- tightening
- rail alignment
- joint adjustment

3.5. Painting

Painting of approximately 320 m² of fabricated and modified structural members consisting of

- One coat Zinc Chromate Primer
- Two coats Synthetic Enamel Paint

including all surface preparation after welding.

3.6. Temporary Works

Contractor shall provide

- Scaffolding
- Working platforms
- Lifting arrangements
- Chain pulley blocks
- Mobile cranes
- Welding machines
- Gas cutting equipment (except hole making)
- Grinding machines
- Safety nets
- Safety harness
- Temporary supports wherever required without additional cost.

3.7. Testing and Inspection

Contractor shall carry out

- Visual inspection





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- Weld inspection
- DPT wherever instructed
- Ultrasonic testing wherever instructed
- Dimensional inspection to the satisfaction of Engineer-in-Charge.

3.8. Completion

After completion the Contractor shall

- remove all temporary works
- clean the work area
- remove debris
- hand over completed work.

4. DESIGN BASIS

The strengthening has been designed based on installation of two numbers of 25 Ton EOT Cranes.

The structural strengthening has been developed considering:

- Maximum Girder Moment: 1406 kNm
- Maximum Cantilever Moment: 953 kNm
- Maximum Girder Shear: 653 kN
- Maximum Beam Deflection: 27 mm
- Maximum Column Axial Load: 1221 kN

The Contractor shall execute the strengthening exactly as shown in approved drawings without altering plate sizes, welding details or connection arrangements unless approved by Engineer-in-Charge.

5. SPECIFICATION

- 5.1. This specification covers the general requirements for supply, fabrication, painting, and erection at site of structural steel and bolts.
- 5.2. This specification also covers preparation of all shop fabrication drawings, inspection and shop painting of structures.

6. APPLICABLE CODES & SPECIFICATIONS

- 6.1. The following specifications, standards and codes are made a part of this specification. All standards, specifications and codes of practices referred to herein shall be the latest editions including all applicable official amendments and revisions.
- 6.2. In case of discrepancy between this specification and other documents referred to herein, this specification shall govern. (Refer latest version of standards)





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Sl No.	Material Code	Description
1	808	Dimensions for Hot Rolled Steel sections
2	814	Covered Electrodes for Manual Metal Arc Welding of Carbon and Carbon Manganese Steel
3	1161	Steel Tubes for structural purposes
4	1239	Mild steel tubes, tubular and other wrought steel fittings Part-1-Mild steel tubes Part 2- Mild steel Tubular and other wrought steel pipe fittings
5	1363	Hexagon Head Bolts, Screws and Nuts of product (Parts 1 to 3) Grade C (Size range M5 to M64)
6	1367	Technical Supply Conditions for Threaded Fasteners (All Parts)
7	1852	Rolling and Cutting Tolerances for Hot Rolled Steel products
8	2062	Steel for General Structural Purposes
9	2074	Ready Mixed Paint, Air drying, Red Oxide Zinc Chrome and Priming
10	3757	High Strength Structural Bolts
11	5369	General Requirements for Plain Washers and Lock Washers
12	5372	Taper Washers for Channels
13	5374	Taper Washer for I Beams
14	6610	Heavy Washers for Steel Structures
15	8500	Structural Steel-micro alloyed (medium and high strength qualities)
16	803	Code of practice for design, fabrication and erection of vertical mild steel cylindrical welded storage tanks
17	806	Code of practice for use of steel tubes in general building construction
18	816	Code of Practice for use of Metal Arc Welding for General construction in Mild Steel
19	822	Code of Procedure for Inspection of Welds
20	1182	Recommended Practice for Radiographic examination of Fusion - Welded Butt Joints in Steel Plates
21	1200	Method of Measurement in Building Civil Engineering Works



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22	2595	Code of Practice for Radiographic Testing
23	3658	Code of Practice for Liquid Penetrant Flaw De
24	4000	High strength bolts in Steel Structures - Code of Practice
25	5334	Code of Practice for Magnetic Particle Flaw Detection of Welds
26	7215	Tolerances for Fabrication of Steel Structures
27	102	Ready Mixed paint, Brushing, Red Lead, Non-setting, Priming.
28	110	Ready Mixed paint, brushing, grey filler for enamels for use over primers.
29	117	Ready Mixed paint, Brushing, Finishing, Exterior Semi-gloss for general purposes, to Indian Standard colors.
30	158	Ready Mixed paint, Brushing, Bituminous, Black, Lead free, acid, alkali and heat resisting.
31	159	Ready Mixed paint, Brushing, Acid resisting.
32	341	Black Japan, Types A, B and C
33	1477	Codes of Practice for painting of ferrous metals in buildings. Part-I-Pre-treatment Part -II - Painting
34	2339	Aluminum paint for general purposes, in Dual container
35	2932	Specification for enamel, synthetic, exterior, type 1, (a) Undercoating (b) finishing
36	2933	Specification for enamel, exterior, type 2, (a) Undercoating, (b) finishing
37	5905	Sprayed aluminum and zinc coatings on Iron and Steel.
38	6005	Code of practice for Phosphating of Iron and Steel.
39	9862	Specification for ready mixed paint, brushing, bituminous, black, lead free, acid, alkali, water & chlorine resisting.
40	13183	Aluminum paint, Heat resistant.

ERECTION

SL. No	Material Code	Description
1	IS: 800	Code of Practice for General Construction in Steel



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2	IS: 801	Code of Practice for Use of Cold Formed Light Gauge Steel Structural Members in General Building Construction
3	IS: 806	Code of Practice for Use of Steel Tubes in General Building Construction
4	IS: 7205	Safety Code for Erection of Structural Steel Work
5	IS: 7215	Tolerances for Fabrication of Steel Structures
6	IS: 4000	High Strength Bolts in Steel Structure - Code of Practice

7. MATERIALS

- 7.1.** All Steel materials like plates, angles, channels, Tees, I section and rounds etc. shall comply with the specifications laid down under respective item of Bill of quantities and relevant IS Codes. All materials supplied by the contractor shall be new, unused, and free from defects. Steel conforming to IS: 2062, E250 grade shall be used.
- 7.2.** Every structural member shall be traceable to the corresponding Material Test Certificate (MTC).
Add
- Heat Number
 - Plate Identification
 - Material Traceability Register
- 7.3.** Bolt material shall be of mild steel (property class 4.6) and shall conform to IS: 1367 – Part 3 and IS: 5624. Grade of Bolt steel shall be E250A. Structural steel shall conform to IS 2062 Grade E250 unless otherwise specified.
- 7.4.** Washers shall conform to IS:2016, IS:5369, IS:5372, IS: 5374, IS: 6610 and IS: 6649 as applicable. Spring washers shall be provided for those parts, which carry dynamic loads and where black bolts for connection are permitted. Welding Consumables Mild steel electrodes shall conform to IS: 814.
- 7.5.** The electrodes used for welding shall be of suitable type and size depending upon specification of parent material, method of welding, position of welding and quality of welds desired. The Contractor shall furnish a certificate issued by the manufacturer to the effect that the electrodes supplied are in accordance with the above specifications.





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8. DRAWINGS PREPARED BY THE CONTRACTOR

- 8.1. The Contractor shall prepare all general, detailed, fabrication and erection drawings for the entire work. All the drawings for the entire work shall be prepared in metric units. The drawings shall preferably be of one standard size and the details shown there in shall be clear and legible.
- 8.2. All fabrication drawings shall be submitted to the Engineer-In-Charge for approval.
- 8.3. No fabrication drawings will be accepted for Engineer-In-Charge's approval unless checked and approved by the Contractor's qualified structural engineer and accompanied by an erection plan showing the location of all pieces detailed. The Contractor shall ensure that connections are detailed to obtain ease in erection of structures and in making field connections.
- 8.4. Fabrication shall be started by the Contractor only after Engineer-In-Charge's approval of fabrication drawings. Approval by the Engineer-In-Charge of any of the drawings shall not relieve the Contractor from the responsibility for correctness of engineering & design of connections, workmanship, fit of parts, details, material, errors or omissions of any and all work shown thereon. The Engineer-In-Charge's approval shall constitute approval of the size of members, dimensions and general arrangement but shall not constitute approval of the connections between members and other details.
- 8.5. The drawings prepared by the Contractor and all subsequent revisions etc. shall be at the cost of the Contractor for which no separate payment shall be made.
- 8.6. Contractor shall submit detailed methodology for carrying out structural fabrication, painting and erection at site for the approval of Engineer-In-Charge.

9. FABRICATION

9.1. GENERAL

All workmanship and finish shall be of the best quality and shall conform to the best approved method of fabrication. All materials shall be finished straight and shall be machined/ground smooth true and square, where so specified. All holes and edges shall be free of burrs. Shearing and chipping shall be neatly and accurately done and all portions of work exposed to view shall be neatly finished. Unless otherwise directed/ approved, reference may be made to relevant IS codes for providing standard fabrication tolerance. Material at the shops shall be kept clean and protected from weather.

9.2. CONNECTIONS

- a. Shop/field connections shall be as per approved fabrication drawings.
- b. In case of bolted connections, taper washers or flat washers or spring washers shall be used with bolts as necessary. In case of high strength friction grip bolts, hardened washers shall be used under the nuts or the bolt heads whichever are turned to tighten the bolts. The length of the bolt shall be such that at least one thread of the bolt projects beyond the nut,



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except in case of high strength friction grip bolts where this projection shall be at least three times the pitch of the thread.

- c. In all cases where bearing is critical, the unthreaded portion of bolt shall bear on the members assembled. A washer of adequate thickness may be provided to exclude the threads from the bearing thickness if a longer grip bolt has to be used for this purpose.
- d. All connections and splices shall be designed for full strength of members or loads indicated on Engineer-In-Charge's design drawings. Column splices shall be designed for the full tensile strength of the minimum cross section at the splice.
- e. All bolts, nuts, washers, electrodes, screws etc. shall be supplied/brought to site 10% in excess of the requirement in each category and size. Rates shall cover the cost of this extra quantity.
- f. Fabrication drawings shall clearly indicate:
 - Plate sizes
 - Weld sizes
 - Bolt locations
 - Hole details
 - Splice details
 - Member identification
 - Fabrication shall commence only after written approval from Engineer-in-Charge.

9.3. STRAIGHTENING

All materials shall be straight and, if necessary, before being worked shall be straightened and/or flattened by pressure and shall be free from twists. Heating or forging shall not be resorted to without the prior approval of the Engineer-In-Charge in writing.

Cutting, punching, drilling, welding and fabrication tolerances shall be generally as per relevant IS codes.

9.4. WELDING

- a. Welding procedure, WPS, PQR shall be submitted to Engineer-In-Charge for approval. Welding shall be entrusted to only qualified and experienced welders who shall be periodically tested and graded as per IS 817, IS: 7310 (Part 1) and IS: 7318 (Part 1).
- b. While fabricating plated beams and built-up members, all shop splices in each component part shall be made before such component part is welded to other parts of the members. Wherever weld reinforcement interferes with proper fit-up between components to be assembled for welding, these welds shall be ground flush prior to assembly.
- c. Approval of the welding procedure, WPS, PQR, WPQ by the Engineer-In-Charge shall not relieve the Contractor of his responsibility for correct and sound welding without undue distortion in the finished structure.



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- d. No welding shall be done when the surface of the members is wet nor during periods of high wind. Contractor to ensure the quality of work to provide electrode baking, low hydrogen electrode storage, weld numbering & weld maps.
- e. Each layer of a multiple layer weld except root and surfaces runs may be moderately pecked with light blows from a blunt tool. Care shall be exercised to prevent scaling or flaking of weld and base metal from over pecking.
- f. No welding shall be done on base metal at a temperature below (-) 5 Deg.C. Base metal shall be preheated to the temperature as per relevant IS codes.
- g. Electrodes other than low-hydrogen electrodes shall not be permitted for thicknesses of 32 mm and above.
- h. Welding sequence shall be planned to minimize distortion.
- i. Weld shrinkage shall be controlled by proper welding sequence.

9.5.INSPECTION OF WELDS

- a. All welds shall be inspected for flaws by any of the methods described under "Inspection". The choice of the method adopted shall be determined by the Employer/Engineer-In-Charge.
- b. The correction of defective welds shall be carried out as directed by the Engineer-In-Charge without damaging the parent metal. When a crack in the weld is removed, magnetic particle inspection or any other equally positive means as prescribed by the Engineer-In-Charge shall be used to ensure that the whole of the crack and material up to 25 mm beyond each end of the crack has been removed. Cost of all such tests and operations incidental to correction shall be to the Contractor's account.

9.6.TOLERANCES

The dimensional and weight tolerances for rolled shapes shall be in accordance with IS:1852 for indigenous steel and equivalent applicable codes for imported steel. The tolerances for fabrication of structural steel shall be as per IS: 7215.

9.7.INSPECTION

- 9.7.1. Contractor shall give due notice to the Engineer-In-Charge in advance of the work getting ready for inspection. All rejected materials shall be promptly removed from the shop and replaced with new material for the Engineer-In-Charge's approval/ inspection. The fact that certain material has been accepted at the Contractor's shop shall not invalidate final rejection at site by the Engineer-In-Charge if it fails to conform to the requirements of these specifications, to be in proper condition or has fabrication inaccuracies which prevents proper assembly, nor shall it invalidate any claim which the Employer may make because of defective or unsatisfactory materials and/or workmanship.





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- 9.7.2. No materials shall be painted or dispatched from fabrication yard or manufacturer to site without inspection and approval by the Engineer-In-Charge unless such inspection is waived in writing by the Engineer-In-Charge.
- 9.7.3. Contractor shall provide all the testing and inspection services and facilities for shop work except where otherwise specified.
- 9.7.4. For fabrication work carried out in the field the same standard of supervision and quality control shall be maintained as in shop fabricated work. Inspection and testing shall be conducted in a manner satisfactory to the Engineer-In-Charge.
- 9.7.5. Inspection and tests on structural steel members shall be as set forth below.

- **Material Testing**

If mill test reports are not available for any steel materials the same shall be got tested by the Contractor to the Engineer-In-Charge's satisfaction to demonstrate conformity with the relevant specification.

- **Tests on Welds**

100% of welds shall be inspected for external defects. Dimensions of welds shall be checked. Welds shall be free from unfilled craters on the surfaces, undercuts, slag on the surface and visible cracks. Weld gauges shall be used to measure the size of welds. The Contractor shall carry out radiographic/ ultrasonic or other non-destructive testing as and when required by the owner through the approved agency. Dye penetration test of welds shall be carried out using standard solutions.

Acceptance criteria shall conform to

- IS 822
- AWS D1.1
- Approved WPS

- **Visual examination**

- All welds shall be 100% visually inspected to check the following:
 - Presence of undercuts
 - Surface cracks in both welds and base metals.
 - Unfilled craters
 - Improper weld profile and size
 - Excessive reinforcement in weld
 - Surface porosity
- Before inspection, the surface of weld metal shall be cleaned of all slag, spatter matter, scales etc. by using wire brush or chisel.





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- c. Dye penetration test (DPT)
 - d. This shall be carried out for all important fillet welds and butt welds to check the following.
 - 1. Surface cracks
 - 2. Surface porosities
 - e. 5% of the total length, dye-penetration test shall be carried out to the root run.
 - f. Dye Penetration Test shall be carried out in accordance with American National Standard ASTM E165.
- **Ultrasonic testing**
 - a. Ultrasonic tests shall be conducted for all groove welds and heat affected zone in dynamically loaded structures and for other important load bearing butt welds in statically loaded structures as desired by Employer to detect the following:
 - i. Cracks
 - ii. Lack of fusion
 - iii. Slag inclusions
 - iv. Gas porosity
 - b. Ultrasonic testing shall be carried out in accordance with American National Standard ANSI / AWS D1-92 Chapter 6: Part C.
 - c. Before Ultrasonic test is carried out, any surface irregularity like undercuts, sharp ridges etc. shall be rectified. Material surfaces to be used for scanning by probes must allow free movement of probes. For this purpose, surface shall be prepared to make it suitable for carrying out ultrasonic examinations.

- **Magnetic Particle Test**

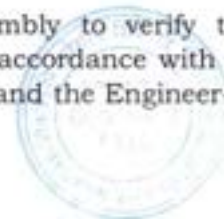
Where welds are examined by magnetic particle testing, such testing shall be carried out in accordance with relevant IS codes. If heat treatment is performed, the completed weld shall be examined after the heat treatment. All defects shall be repaired and retested. Magnetic particle tests shall be carried out using alternating current. Direct current may be used with the permission of the Engineer-In-Charge.

- **Liquid Penetrant Inspection**

In the case of welds examined by Liquid Penetrant Inspection, such tests shall be carried out in accordance with relevant IS Code. All defects shown shall be repaired and rechecked.

- **Dimensions, Workmanship & Cleanliness**

Members shall be inspected at all stages of fabrication and assembly to verify that dimensions, tolerances, alignment, surface finish and painting are in accordance with the requirements shown in the Contractor's approved fabrication drawings and the Engineer-In-Charge's drawings.





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• Test Failure

- a. In the event of failure of any member to satisfy inspection or test requirement, the Contractor shall notify the Engineer-In-Charge or his authorized representative. The Contractor must obtain permission from the Engineer-In-Charge before repair is undertaken. The quality control procedures to be followed to ensure satisfactory repair shall be subject to approval by the Engineer-In-Charge. The Engineer-In-Charge has the right to specify additional testing as and when required. Contractor shall maintain records of all inspection and testing which shall be made available to the Engineer-In-Charge or his authorized representative.
- b. The contractor shall submit the proposal and methodology for testing of old/new structural steel members.
- c. Contractor shall mark all accepted and rejected materials and stack it separately by giving proper identification marks as discussed and advised by the Engineer-In-Charge.

10. Quality Documents to be Submitted

The contractor should submit

- Fabrication Drawings
- Bill of Materials
- Material Test Certificates
- Welding Procedure Specification
- Welder Qualification Certificates
- NDT Reports
- Paint Inspection Reports
- DFT Reports
- Final As-built Drawings

11. SHOP MATCHING

- 11.1. All steel work, such as columns along with the tie beams/bracings may have to be shop assembled to ensure satisfactory fabrication, obtaining of adequate bearing areas etc. if so desired by the Engineer-In-Charge. All these shop assemblies shall be carried out by Contractor at no extra cost to the Employer.

12. DRILLING HOLES FOR OTHER WORKS

- 12.1. As a part of this Contract, holes in members required for installing the rail shall be drilled by the Contractor at no extra cost to the Employer. The hole shall match with the holes already existing in the flange of the existing girders. The information for any extra holes required shall be supplied by the Employer/Engineer-In-Charge.





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13. MARKING OF MEMBERS

- 13.1.** After checking and inspection, all members shall be marked for identification during erection. This mark shall correspond to distinguishing marks on approved erection drawings and shall be legibly painted and stamped on it. The erection mark shall be stamped with a metal dye with figures at least 20 mm high and to such optimum depth as to be clearly visible.
- 13.2.** All erection marks shall be on the outer surface of all sections and near one end, but clear of bolt holes. The marking shall be so stamped that they are easily discernible when sorting out members. The stamped marking shall be encircled boldly by a distinguishable paint to facilitate easy location.
- 13.3.** Erection marks on like pieces shall be in identical locations. Members having lengths of 7.0 m or more shall have the erection mark at both ends.

14. ERRORS

- 14.1.** Any error in shop fabrication which prevents proper assembling and fitting up of parts in the field by moderate use of drift pins or moderate amount of reaming will be classified by the Engineer-In-Charge as defective workmanship. In case Engineer-In-Charge rejects such material or defective workmanship, the same shall be replaced by contractor free of cost. The materials and workmanship shall meet the Engineer-In-Charge's requirements.

15. PAINTING

Activity	Requirement
Surface Cleaning	Power Tool Cleaning St-3 or Sa2½ where specified
Primer	Zinc Chromate Primer
DFT	20 µ
Finish	Synthetic Enamel
Number of Coats	2 coat primer and 2 coat finish
Total DFT	100 µ





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• SURFACE CLEANING WELDING

Before welding of the additional plates/ members, the surface of the existing structure shall be buffed and cleaned of all paints, rust and scaling if any to the satisfaction of the Engineer-in-charge. Power operated wire brushes shall also be used if required. Oil and grease removal if found on the members shall be carried out either by solvent cleaning or by using alkali type degreasing agents or emulsifier. After cleaning, the surface shall be washed with water.

• SURFACE TREATMENT

- a. All the surfaces of steel work earmarked by the Engineer-in-charge, to be painted shall be thoroughly cleaned of all loose mill scale, rust, grease, dirt, and other foreign matter. The type of surface treatment shall be as directed by Engineer-In-Charge. The workmanship shall generally conform to the requirements of IS 1477-Part I.
- b. Oil and grease removal shall be carried out either by solvent cleaning or by using alkali type degreasing agents. To remove grease material the surface shall be cleaned with solvents containing emulsifier. After cleaning, the surface shall be washed with water. When the surface has cement pelts or salts, the cleaning shall be done with strong alkalis. After cleaning, water rinsing and subsequent passivation by dilute chromic acid rinsing shall be carried out to ensure that no traces of alkali are left on the surface. The procedure for cleaning by above mentioned methods shall be as per manufacturer's instructions.
- c. De-rusting and de-scaling of steel shall be carried out either manually, mechanically, or chemically as per requirement of Engineer-In-Charge.
 - i. Manual or Hand Tool Cleaning

Loose mill scale, loose rust and loose paint shall be removed by wire brushing, scrapping, chipping, and rubbing with abrasive paper or steel wool. This method shall not be employed when the surface has firmly adhering mill scale. After hand tool cleaning, the surface shall be rubbed with sandpaper so as to ensure that no loose material exists and the surfaces shall be dusted off.
 - ii. Mechanical Cleaning
 - iii. Power Tool Cleaning

This shall be carried out by employing power operated wire brushes. Power tool cleaning shall be resorted to only if sand/shot blasting is not possible/ permissible and high quality of surface preparation is required.

The surface prior to such cleaning shall be cleaned of dust; grease etc. and heavier layers of rust shall be removed by chipping.



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The power tool cleaning shall remove loose mill scale and rust by adopting very thorough scrapping, grinding and machine brushing. After the surfaces are cleaned by compressed air, it shall have a pronounced metallic sheen.

iv. Flame Cleaning

Hard mill scale and rust shall be removed through Oxy- acetylene flame. The work shall be carried out by trained workmen to ensure that only mill scale is removed without affecting the parent steel. The work shall be carried out carefully on welded surfaces so that the strength of weld is not affected due to heating.

v. Sand Blasting and Shot Blasting

- a. (If required) and /Shot blasting shall be resorted to only after removal of grease, oil, and other contaminants. The work shall be carried out by impinging under pressure of air, a jet of sharp sand or granulated steel (steel grits) on to the metal surface. The process shall ensure complete removal of rust and firmly adhering mill scale. Special care shall be taken on weld areas to remove flux and spatter. Blasting shall ensure an even colour of the surface and the surface shall have silver grey colour. Precautions shall be taken when sand or shot blasting of light gauge steel surfaces to ensure that buckling does not occur to continuous impingement of sand or steel shots under high velocity.
- b. Sand/Shot blasting shall be adopted for structures which are exposed to corrosive conditions for which superior paint protection is to be adopted. The finished surfaces shall conform to the requirements of Sa 2½ or Sa 3 as per Swedish Standard SIS-05- 5900 as specified in the item of work. As sand blasting causes dust nuisance necessary clearance shall be obtained by the Contractor from competent authorities prior to commencing sand blasting.
- c. As Sandblasting causes dust nuisance necessary clearance shall be obtained by the Contractor from Competent authorities prior to commencing Sand blasting.

vi. Chemical Cleaning (Pickling)

- a. Cleaning shall be done by pickling in sulphuric, hydrochloric or phosphoric acids. Pickling shall be carried out in accordance with detailed procedure as given in IS 6005.
- b. Washing after pickling shall remove all traces of the acids. All work pieces shall be thoroughly inspected and in particular the inaccessible corners.
- c. Contractor shall submit the Method Statement for surface treatment and painting works for old and new structural components/elements, for approval of Engineer-In-Charge.





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- d. At least 24 hours shall elapse between the applications of successive coats. Each coat shall vary slightly in shade, and this shall be got approved by the Engineer-In-Charge.

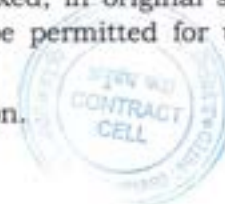
16. MATERIALS

16.1. Primer Paint

- a. The steel structures as earmarked by the Engineer-in charge shall receive One coat Zinc Chromate Primer followed by Two coats Synthetic Enamel Paint and its DFT shall be 20 microns for each coat. Primer paint shall be red oxide zinc chromate of approved make, quality and colour.
- b. Steel surface which is to be applied with primer paint shall be cleaned of dust and grease and the heavier layers of rust shall be removed by chipping prior to actual surface preparation.
- c. First coat of primer shall be given in shop after fabrication, before dispatching to erection site. The second coat of primer shall be applied after erection and final alignment of the erected structures.

16.2. Finish Paint

- a. All steel structures shall receive two coats of finished paint and shall be applied after erection.
Finish paint shall be 2 coats of synthetic enamel paint of approved brand. Dry film thickness of each finish coat shall be 30 microns. The undercoat and finish coat shall be of different tint to distinguish the same from finish paint. The total dry film thickness shall be 100 microns. All paints shall be of approved brand and shade as per the Engineer-in-charge's requirement.
- b. All the materials shall be of the best quality from an approved manufacturer. Contractor shall obtain prior approval of the Engineer-In-Charge for the brand of manufacture and the colour/shade prior to procurement for usage in the works.
- c. Primer and finish paints shall be compatible with each other to avoid cracking and wrinkling. As such it is recommended that the primer and finish paint shall be from the same manufacturer.
- d. The colour and shade shall conform to IS Standards referred to in Appendix 'D' of IS 1477-Part II. To facilitate choosing the correct shade/number from the alternatives available, Contractor shall adopt trial painting in small patches in consultation with and as directed by the Engineer-In-Charge.
- e. All paint delivered to the fabrication shop/site shall be ready mixed, in original sealed containers, as packed by the manufacturer. Thinner shall not be permitted for usage unless specifically directed by the Engineer-In-Charge.
- f. Paints shall be stirred thoroughly to keep the pigment in suspension.





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- g. Contractor shall at his own cost arrange for testing of paints as per relevant Indian Standards in laboratory whenever Employer wants the tests to be carried out for each batch of paints. Test results shall be submitted to the Engineer-in-charge for obtaining approval.
- h. Joints to be site welded shall have no paint applied within 100 mm of welding zone. Similarly, where Friction grip fasteners are to be used no painting shall be provided. On completion of the joint the surfaces shall receive the paint as specified.
- i. Surfaces inaccessible after assembly shall receive two coats of primer prior to assembly.
- j. Surfaces inaccessible after erection shall receive one additional coat of finish paint over and above number of coats specified before erection. Portion of steel member embedded / to be encased in concrete shall not be painted.

16.3. WORKMANSHIP

- 16.3.1. No painting shall be done in frosty/foggy weather or when the humidity is high enough to cause condensation on the surface to be painted. Paint shall not be applied when the temperature of the surface to be painted is at 5°C or lower. Primers shall adhere to the surface firmly and offer a key to the subsequent coats. The application of paint film shall serve the twin purpose of protecting the steel from corrosion and giving the decorative appearance. A paint which gives the steel adequate protection over a long period together with good appearance shall therefore be adopted. Workmanship shall generally conform to requirements specified in IS: 1477-Part II.
- 16.3.2. It is essential to ensure that immediately after preparation of the surfaces; the first coat of primer paint shall be applied by brushing and working it well to ensure a continuous film without "holidays". After the first coat becomes hard dry a second coat of primer shall be applied by brushing to obtain a film free from holidays.
- 16.3.3. Structural steel surfaces shall be given the first coat of primer at shop and the second coat after it is erected in position. Further, any abraded surfaces of the first coat during transport from shop to site and during erection shall be provided with a touchup coat of the primer.
- 16.3.4. Application of finishing paints shall be carried out within the shortest possible time interval after primer since the primer coats are too thin to give adequate corrosion protection to the steel surface over a long duration.
- 16.3.5. Filler coats shall be applied to fill dents and to obtain a smooth finish wherever necessary. Only factory prepared filler suitable for steel work shall be used. Fillers prepared by whiting and linseed oil by craftsmen at site shall never be used as such fillers may be unbalanced and incompatible with primer and finishing coats. Application of filler shall be done with good 'putty knife' and necessary skill. Filler applied shall be just sufficient to fill the depression or unevenness and it shall be restricted to the minimum. It shall be applied in thin layers. In filling depression or unevenness, as many coats as are necessary may be applied allowing each layer to dry hard. The hardened coat shall be cut down by wet rubbing before the subsequent coat is applied. Where necessary, filler coats shall be applied over the undercoats also.





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- 16.3.6. Painting shall be carried out either by brushing or by spraying. Contractor shall procure the appropriate quality of paint for this purpose as recommended by the manufacturer.
- 16.3.7. After the second coat of primer is hard dry, the entire surface shall be wet rubbed cutting down to a smooth uniform surface. When the surface becomes dry, the undercoat of paint shall be applied by brushing/spraying with minimum of brush marks. The coat shall be allowed to hard dry. The under coat shall then be wet rubbed cutting down to a smooth finish, taking adequate care to ensure that at no place the undercoat is completely removed. The surface shall then be allowed to dry.
- 16.3.8. At least 24 hours shall elapse between the applications of successive coats. Each coat shall vary slightly in shade and this shall be got approved by the Engineer-In-Charge.
- 16.3.9. The thickness of film shall be measured by an Elcometer to be supplied by the Contractor.
- 16.3.10. The Contractor shall calibrate the Elcometer frequently for different settings. Necessary calibrating accessories should be kept ready for calibration/testing of Elcometer at any time.
- 16.3.11. Epoxy primer and epoxy paint shall be applied within the specified pot life as per recommendations of the manufacturer.
- 16.3.12. Surfaces inaccessible after assembly shall receive two coats of primer prior to assembly.
- 16.3.13. Surfaces inaccessible after erection, including top surfaces of beams supporting the rail shall receive one additional coat of finish paint over and above the number of coats specified prior to erection.
- 16.3.14. Joints to be site welded shall have no shop paint for at least 50mm from the welding zone.
- 16.3.15. Similarly, the steel surfaces shall not be painted in areas where connection is by use of friction grip bolts. On completion of the joint, the surfaces shall receive the painting as specified.
- 16.3.16. Maintenance painting of steel structures would become necessary if the painting already carried out shows signs of chalking, hairline cracking, deep checking, fine checking, and peeling, blistering and rusting. The breakdown of a paint film is progressive from the top finish paint to the primer coat and the object of maintenance painting is to renovate periodically to effectively check the breakdown and protect the steel surfaces from corrosion. It is essential that same quality of paint as specified earlier need be adopted to ensure compatibility. The general workmanship for maintenance painting shall conform as per Clause. 7 of IS 1477-Part II.
- 16.3.17. Contractors shall provide suitable protection as necessary to prevent paint finishes from splashing on equipment, floors, walls etc.



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- 17.1 An experienced and qualified Supervisor shall be in full time charge of the job.
- 17.1. Contractor shall complete all preliminary works at site well before the arrival of structural steel, such as establishment of a well-equipped and adequately staffed site office, stores, unloading gantry, unloading and preassembly yard, labour quarters if any, electrical winches, derricks, cranes, compressors, all tools and tackles, rivet guns, welding sets, torque wrenches, spud wrenches, staging, etc. as well as experienced erection and supervisory personnel as part of this contract and any other work that may be necessary so as to start erection immediately after the arrival of the first batch of steel at site. Contractor shall arrange his own generator of required capacity for the work. He shall also arrange required potable water for his work force.
- 17.2. Contractor shall furnish at his own expense, necessary nonflammable staging and hoisting materials or equipment required for the erection work and shall remove and take them away after completion of the job. Contractor shall also provide necessary passageways, fences, safety belts, helmets, lights and other fittings to the satisfaction of the Engineer-In-Charge and to meet the rules of local authorities and for protection to his men and materials. A licensed electrician shall be kept on the job for the entire duration of the work to maintain Contractor's electrical equipment and connections.
- 17.3. Contractor shall protect all existing plant, structures, piping, conduits, equipment and facilities against damage during erection. Any damage caused by Contractor shall be rectified entirely at Contractor's cost, to the satisfaction of Engineer-In-Charge. If work has to be carried out adjacent to existing switch yards or electrical installations which are live, Contractor must ensure suitable safety precautions in consultation with Engineer-In-Charge.
- 17.4. If a portion of the work of the project area cannot be made available to Contractor for his activities due to operations being carried out, he shall suitably modify his sequence of operations so as to continue work without interruption. Contractor shall work in coordination with other agencies working on the project site and plan his work suitably so as not to hinder the progress of construction at site.

18. ACCEPTANCE OF STEEL, ITS HANDLING & STORAGE

- 18.1. Contractor should carefully check the steel to be erected at the time of acceptance. Any fabrication defect observed should be brought to the notice of Engineer-In-Charge.
- 18.2. No dragging of steel shall be permitted. All shall be stored 300mm above ground on suitable packing to avoid damage. It shall be stored in the order required for erection, with erection marks visible. All storage areas shall be prepared and maintained by Contractor.
- 18.3. Scratched or abraded steel shall be given a coat of primer for protection after unloading and handling prior to erection. All milled and machined surfaces shall be properly protected from rust/corrosion by suitable coating and also from getting damaged.



Udupi Cochin Shipyards Limited

TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES

UCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026**19. ASSEMBLY & CONNECTIONS**

- 19.1. Field connections may be affected by welding as shown on the design and erection drawings.
- 19.2. All field connection works shall be carried out in accordance with the approved fabrication drawing. All bolts, nuts, washers, rivets, electrodes required for field connections shall be supplied by contractor free of cost.
- 19.3. All assembling shall be carried on a level platform suiting the configuration.
- 19.4. Drifts shall be used only for drawing the work to proper position and must not be used to such an extent as to damage the holes. Size of drifts larger than the nominal diameter of hole shall not be used. Any damaged holes or burrs must be rectified to the satisfaction of Engineer-In-Charge.
- 19.5. Any error in the shop, which prevents proper fit on a moderate amount of reaming and slight chipping or cutting, shall be immediately reported to Engineer-In-Charge.

20. ERECTION

- 20.1. All structural steel shall be erected as shown on the drawings. Proper size steel cable slings, etc., shall be used for hoisting. Guide wire shall not be anchored to existing structures, foundations, etc. unless so permitted by Engineer-In-Charge in writing. Care shall be taken to see that ropes in use are always in good condition.
- 20.2. Temporary bracings shall be introduced wherever necessary to take care of all loads to which the structure may be subjected, including erection equipment and the operation thereof. Such bracings shall be left in place as long as may be required for safety and stability.
- 20.3. As erection progresses, the work shall be securely bolted to take care of all dead load, wind, seismic and erection stresses.
- 20.4. No riveting or welding or final bolting shall be done until the structure has been properly aligned and approved by Engineer-In-Charge. No cutting, heating or enlarging of the holes shall be carried out without the prior written approval of Engineer-In-Charge.

21. INSPECTION

- 21.1. Engineer-In-Charge or his authorized representatives shall have free access to all parts of the job during erection, and all erection shall be subjected to their approval. In case of faulty erection, all dismantling and re-erection required will be at Contractor's cost. No paint shall be applied to field welds or bolts until these have been approved by Engineer-In-Charge.





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TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES

UCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026**22. PAINTING**

- 22.1.** After steel has been erected, all bare and abraded spots, field welds, bolt heads and nuts shall be spot painted with primer. Before paint is applied, the surface shall be dry and free from dust, dirt, scale and grease. All surfaces inaccessible after erection shall receive two coats of the approved primer and paint before erection as per specification. Any damage if found in the structure/element shall be checked and if found damaged, shall be rectified or shall be repainted.

23. CLEAN UP OF WORK SITE

- 23.1.** During erection, the Contractor shall without any additional payment, at all times keep the working and storage areas used by him, free from accumulation of waste materials or rubbish. Before completion of erection, he shall remove or dispose of in a satisfactory manner all temporary structures, waste and debris and leave the premises in a condition satisfactory to Engineer-In-Charge.

24. SAFETY

- 24.1.** The safety precautions to be applied during the erection of the steel structures shall be in accordance with IS: 7205 and other appropriate IS standards.

- Work at Height Permit
- Hot Work Permit
- Confined Space Permit (if required)
- Crane Permit
- Daily Toolbox Talk
- PPE
- Safety Officer
- Emergency Response
- Barricading

25. INSPECTION AT SITE

- 25.1.** After fabrication of the structures, the Contractor shall carry out inspections and checks in the presence of Engineer in order to demonstrate completeness of the works and correctness of the assembly. The Contractor, subject to Engineer's approval shall propose the inspections and checks to be carried out. In order to facilitate inspections as well as future maintenance, the structures shall be provided with steps, ladders, handrails, and other facilities at approved positions. The Contractor shall provide for the owner's use all equipment and instruments for inspection.



Udupi Cochin Shipyard Limited

TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES

UCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026**26. MODE OF MEASUREMENT AND PAYMENT**

Payment shall be made based on actual quantities executed.

Item	Unit
Removal of Rail	Tonnes
Surface Preparation	m ²
Structural Steel Fabrication & Erection	Tonnes
Rail Reinstallation	Running Metres
Painting	m ²

26.1. FABRICATION

- For the purpose of payment, the weight of the actual completed structures shall be calculated from the approved shop drawings for different items of work. The Contractor shall submit to the Engineer-In-Charge relevant material list containing weight of each item.
- No allowances will be permitted for bolts, nuts, washers, studs, screws etc., galvanizing, welding or for rolling margins. One tonne for the purpose of the payment shall mean ONE METRIC TONNE i.e. 1000kg.
- The weight of a member made out of standard rolled section such as beams, channels, angles, etc. shall be based on the standard IS:808 without deductions for holes, notches, bevel cuts, etc. Where a component consists of a cut joist or channels, the full weight of the rolled section shall be considered only if more than half the depth of the original section is used. Otherwise, only half the section unit weight shall be considered for calculation of the weight of the components.
- Deductions shall be made in the weight of gussets/plates for cuts and a notch as specified in IS 1200 part 8.
- The weight of any built-up member shall be based on the weight of each component.

26.2. ERECTION WORKS

- For the purpose of payment, the weight of the actual, completed structures shall be calculated from the approved drawings for different items of work. Contractor shall submit to Employer relevant material list containing weight of each item. No allowance will be permitted for weights of rivets, bolts, washers, screws etc. in calculating the weight of the complete structure. No allowances will be permitted for galvanizing, welding or for rolling margins. One tonne for the purpose of payment shall mean ONE METRIC TONNE i.e. 1000 Kg.
- The weight of a member made out of standard rolled sections such as beams, channels, angles, etc. shall be based on the weight of the member given in IS 808, without deducting for holes, notches, bevel cuts, etc. Where a component consists of a cut joist or channel, the full weight of the rolled section shall be considered only if more than half the depth of the



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TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES

UCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026

section is used. Otherwise only half the section unit weight shall be taken. Deductions shall be made in the weight of gussets/plates for skew cuts, notches and openings as specified in IS 1200 part 8.

- c. The weight of any built-up member shall be separated into the weight of each component.
- d. Erection bolts installed by contractor shall be left in position on completion of erection; however, no additional payment shall be made either for supply or use of such bolts. If erection bolts are removed after erection is complete, holes shall be plug welded and ground smooth. No extra payment shall be made for such plug welding.
- e. Erection work shall not be measured separately if erection work is already included in the scope of item of work of fabrication/erection of steel.

26.3. PAINTING

- a. Method of measurement for payment for painting shall be in sq. meters, correct to two places of decimals, if so specified, in the respective item of work.
- b. Painting work shall not be measured separately, if primer painting and/or primer and finish painting are already included in the scope of the item of work of fabrication and erection of structural steel since the rate per tonne of steel is deemed to include for painting as specified.
- c. Prior to commencement of fabrication contractor has to submit a detailed bill of material statement along with shop drawing in which item wise length, quantity, painting area shall be indicated. Fabrication has to be carried out only using shop drawing approved by Engineer-In-Charge
- d. After completion of the work as mentioned above, joint measurements shall be taken and signed by Engineer-In-Charge and Contractor for the work completed.

26.4. CONTRACTORS RESPONSIBILITY

- a. The Contractor shall execute all incidental works required for satisfactory completion of the project whether specifically mentioned in the BOQ or not.
- b. No additional payment shall be made for temporary arrangements, consumables, safety measures, handling, shifting, or any other incidental works required for completion.
- c. The Contractor shall rectify any defect arising due to defective workmanship or materials during the Defect Liability Period of twelve (12) months from the date of completion at no additional cost.
- d. Contractor shall maintain good housekeeping throughout execution. Daily removal of welding rods, scrap, bolts and debris shall be mandatory.





Udupi Cochin Shipyard Limited

**TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO
(02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES
UCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026**

UCSL/CC/SER/T/CSL/262/2026 Dt 17th July 2026

PRICE BID FORMAT

Sl.No	Description	Unit	Quantity	Rate	Total Amount
1	Removing the existing crane rail from top of the girder, provided at a height of 13 m above ground level, by unbolting the M16 bolts spaced at 384 mm c/c and releasing the clamps and fish plate, using suitable crane and stacking the rail, bolts and clamp at a location within 50m from site as directed by the Engineer-in-charge within CSL premises, to be reused once again excluding bolts. Rate quoted shall include all works such as providing scaffolding, unbolting and removal of bolt and clamp and fish plate and bringing down the clamps, bolts, fish plates and rail and transporting and stacking them at specified location including cost of all men, material, machinery and equipments including providing safety harness etc. all complete.	Tonne	20		
2	Cleaning and carrying out surface preparation of the area in the girder/ columns for receiving the additional flange plate in beams and web plate in column using suitable equipments and tools as described in the technical specification including cost of providing scaffolding, men, material, machinery and equipment including providing safety harness etc. all complete.	m2	290		





Udupi Cochin Shipyard Limited

**TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO
(02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES
UCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026**

3	Supplying, fabricating and providing, additional flange plate at top and bottom of the existing girder, providing web plates to selected columns to augment the capacity of beam and column as per drawing and technical specifications and approved fabrication shop drawings, including providing necessary scaffolding and all necessary operations such as but not limited to preheating as per specifications, straightening, bending, cutting, punching, drilling required holes for bolting the clamps to fix rail, grinding, threading, machining if required, welding, erecting etc. complete including cleaning using wire brush, mechanical tools or by using suitable chemical methods, grinding and removing the welding burr, scales and applying one coat of approved Zinc Chromate primer as per the technical specifications and as directed by Engineer-in-Charge including providing safety harness all complete. Gas Cutter shall not be permitted to drill the required hole in the flange plate. (Fabrication drawing is to be prepared by the contractor and got approved from the Engineer-in-Charge before commencement of work)	tonne	52		
4	Transporting the dismantled rail and clamps stacked at the storage place and re-erecting the same at location as shown in the drawing by providing and fixing M16 bolts of suitable length and providing necessary joints to rail using fish plates including cost of all men, materials, machinery, equipments and tools including providing necessary scaffolding including providing safety harness etc. all complete	m	290		
5	Painting over fabricated structural members Application of two coats of synthetic enamel paint over one coats of zinc chromate primer of approved quality and colour, conforming to technical specification, including cost of providing scaffolding, materials, labour, other incidentals including providing safety harness etc. all complete as instructed by Engineer-in-Charge.	m ²	320		
TOTAL AMOUNT					
GST					
GRAND TOTAL AMOUNT					



Udupi Cochin Shipyard Limited

**TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO
(02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES
UCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026**

****Note:**

- i. L1 will be arrived based on the lowest total amount quoted at Sl.No.24
- ii. In the case of error in multiplication/ addition in the amount calculated, the unit rate quoted will be calculated accordingly.
- iii. The above indicative list of items along with respective quantities (not limited) shall be considered as minimum requirement for preparing the quotation, if any additional item other than those specified above is required for the satisfactory completion of project as per the scope of work shall be under scope of contractor under no extra cost.
- iv. Payment shall be done based on the actual quantity of work executed.
- v. Quotes with Conditional rates / additional charges / Conditional discounts will be disqualified.

Signature:

Address of the contractor:

Seal:



POWER OF ATTORNEY

(On Applicant's letter head)

(Date and Reference)

To
The Assistant General Manager (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(Address),
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

Tender Document no. UCSL/CC/SER/T/CSL/262/2025 dated 23rd July 2026 for STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES AT ALUMINIUM FABRICATION SHOP, COCHIN SHIPYARD LIMITED 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.

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:



Tender No.: UCSSL/CC/SER/T/CSL/262/2025

Dt: 23 July 2026

UNDERTAKING BY CONTRACTOR

Name of Service: - TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES AT ALUMINIUM FABRICATION SHOP, COCHIN SHIPYARD LIMITED

1. "I / WE COMPLY WITH ALL CONDITIONS OF TENDER BY UCSSL AND CONFIRM THAT RATES QUOTED IN THE PRICE BID ARE INCLUSIVE OF ALL TAXES AND DUTIES INCLUDING SERVICE TAX IF APPLICABLE. I / WE ALSO CONFIRM THAT PART - 2 (PRICE BID) DO NOT CONTAIN ANY CONDITIONS".
2. "I / WE HAVE NOT MADE ANY PAYMENT OR ILLEGAL GRATIFICATION TO ANY PERSON/AUTHORITY CONNECTED WITH THE BID PROCESS SO AS TO INFLUENCE THE BID PROCESS AND HAVE NOT COMMITTED ANY OFFENCE UNDER THE PC ACT IN CONNECTION WITH THE BID."

Signature:

Seal:

Name & address of the contractor:





Udupi Cochin Shipyard Limited
TENDER FOR STRUCTURAL STEEL STRENGTHENING WORKS FOR INSTALLATION OF TWO (02) NOS. 25 TON
ELECTRIC OVERHEAD TRAVELLING (EOT) CRANES
UCSL/CC/SER/T/CSL/262/2026 Dt 23rd July 2026

ANNEXURE-VII
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 & conditions / Scope of work Specification (Annexure I, & II)	Agreed as per tender / Do not agree	
2	Unconditional Acceptance	Agreed as per tender / Do not agree	
3	Offer Validity (date)	01 Years - Agreed as per tender / Do not agree	
4	Taxes & Duties	Specified / Included in Price	
5	Payment terms - confirm		
a	As per Clause 10 of Annexure - I	Agreed as per tender / Do not agree	
6	Price shall remain firm and fixed and No Escalation in prices after awarding of contract	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	Eligibility Criteria	Agreed as per tender / Do not agree	
14	Deviations from Tender conditions	No Deviations	

Signature:

Address of the Contractor:

Seal:

ANNEXURE-VIII

DESIGN PARAMETERS FOR EXISTING 15t EoT CRANE MOMENTS, SHEAR, DEFLECTION & AXIAL LOADS							
	Maximum moment x direction (kNm)	Maximum moment y direction (kNm)	Maximum shear (kN)	Reaction Force (kN)	Reaction Force with new crane (kN)	Additional load on foundation (kN)	Additional load on foundation (t)
5 m cantilever moment(Maz)	464.908	-229.996	291.927	-			
Load Case No.	(1396)	(1396)	(1353)				
Beam adjacent to 5m cantilever beam(Mab)	489.838	-	-166.258	-			
Load Case No.	(1396)		(1353)				
Intermediate beam (10m span)	-680.316	3.064	366.759	-			
Load Case No.	(819)	(819)	(801)				
End Column adjacent to 5 m cantilever beam	-	142.196	-	526.862	1221.088	694.226	68.08
Load Case No.		(1396)		(1396)			0
Column in the intermediate portion	-	2.702	-	388.337	920.518	532.181	52.19
Load Case No.		(801)		(801)			



ANNEXURE-IX

DESIGN OF END COLUMN SUPPORTING 5 m CANTILEVER GIRDER FOR AXIAL LOAD= 1221.09 kN & MOMENT=165.41 kNm

DETAILS OF EXISTING COLUMN					
SECTION PROVIDED	ISM 600				
I _{xx}	93163	cm ⁴			
I _{yy}	2651	cm ⁴			
Z _{xx}	3105	cm ³			
Z _{yy}	252.5	cm ³			
AREA	174.21	cm ²			
r _{xx}	23	cm			
r _{yy}	3.9	cm			
UNSUPPORTED LENGTH L	88	cm			
L/r _{xx} = Y _y	4	Permissible Stress as per IS 800		1500	kg/cm ²
L/r _{yy} = Y _z	23	Permissible Stress as per IS 800		1469	kg/cm ²
Maximum reaction	1221.09	kN (Including impact of 1.25 and duty factor of 1.05)		124514.55	kg
Maximum moment in y direction	165.4	kN (Including impact of 1.25 and duty factor of 1.05)		1686712.24	kgcm
Maximum moment in z direction	0.0	0.00	0.00	0.00	
CHECK TO DONE FOR COLUMN SUBJECTED TO COMBINED BENDING AND AXIAL FORCE					
Check No 1. $f_c/f_{acy} + 0.6K_y C_{my} \cdot f_{bcy}/f_{acy} + K_{LT}(f_{bcz}/f_{abcz}) < \text{or} = 1$					
0.93					SAFE
Check No 2. $f_c/f_{acz} + 0.6K_y \cdot C_{my} \cdot f_{bcy}/f_{acy} + K_z(f_{bcz}/f_{abcz}) < \text{or} = 1$					
0.94					SAFE
f _c	714.74				
f _{acy}	1500	f _{bcy}	543	n _y	0.362
f _{acz}	1469	f _{bcz}	0	n _z	0.000
f _{acy}	1500				
f _{acz}	1500				
K _y	1+(Y _y -0.2)n _y =	2.31			
K _z	1+(Y _z -0.2)n _z =	1.00			
Y _y	4				
Y _z	23				
C _{my}	From Table 18 of IS 800 = 0.9	K _{LT} =($-$) * (0.1 * n _y)/(C _{mLT} -0.25)=			-0.056
C _{mz}	From Table 18 of IS 800 = 0.9				
C _{mLT}	From Table 18 of IS 800 = 0.9				

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DESIGN OF 5 m CANTILEVER GIRDER WITH MOMENT OF 952.769 kNm AND SHEAR OF 632.044 kN

CALCULATION OF SECTION MODULUS OF EXISTING CRANE GIRDER

Ixx							
Web	63605.6						
Flange	133067.2						
Total	196672.8						
Zxx	4256.99						

WORKING STRESS METHOD USED FOR DESIGN

Permissible stress (As per IS 800)	$0.6 f_y = 0.6 \times 2500 = 1500 \text{ kg/cm}^2$						
Permissible shear stress (As per IS 800)	$0.4 f_y = 0.4 \times 2500 = 1000 \text{ kg/cm}^2$						
Sagging moment in kNm	952.769	kNm (Including impact of 1.25 and duty factor of 1.05)	9715537.936	kgcm			
Shear in kN	632.044	kN (Including impact of 1.25 and duty factor of 1.05)	64449.52668	Kg			
Bending stress	2282.26	> 1500 UNSAFE	REVISE SECTION				
Shear Stress	899.30	< 1000 SAFE					

SECTION MODULUS OF REVISED GIRDER BY ADDING ADDITIONAL FLANGE PLATE OF 550 mm WIDE 16 mm THICK AT TOP ONLY

Ixx	381265.12						
CG of girder from bottom	57.17						
CG of girder from top	34.43						
Zxx	6669.08						
Bending Stress	1456.80	< 1500, Hence Safe					
Shear Stress	899.30	< 1000, Hence Safe					



DESIGN OF GIRDER ADJUCENT TO 5 m CANTILEVER WITH MOMENT OF 1078.60 kNm AND SHEAR of 605.65 kN

CALCULATION OF SECTION MODULUS OF EXISITING CRANE GIRDER

Ixx							
Web	63605.6						
Flange	271040						
Total	334645.6						
Zxx	7436.57						

WORKING STRESS METHOD USED FOR DESIGN

Permissible stress (As per IS 800)	$0.6 f_y = 0.6 \times 2500 = 1500$ kg/cm ²						
Permissible shear stress (As per IS 800)	$0.4 f_y = 0.4 \times 2500 = 1000$ kg/cm ²						

CALCULATION OF STRESS WITH EXISTING MEMBERS

Sagging moment in kNm	1078.6	kNm (Including impact of 1.25 and duty factor Of 1.05)	10998656.78				
Shear in kN	605.65	kN (Including impact of 1.25 and duty factor Of 1.05)	61758.1305				
Bending stress	1479.00	> 1500 UNSAFE	HOWEVER USE SAME SECTION AS AT INTERMEDIATE GIRDER				
Shear Stress	861.74	<1000 UNSAFE					

SECTION MODULUS OF REVISED GIRDER USED AT INTERMEDIATE PORTION BY ADDING ADDITIONAL FLANGE PLATE OF 300 mm WIDE 16 mm THICK AT TOP AND BOTTOM

Ixx	536019.04						
Zxx	11502.55						
Area of web	103.20						
Bending Stress	956.19	<1500, Hence Safe					
Shear Stress	598.43	<1000, Hence Safe					



ANNEXURE-X							
SOIL PARAMETERS ASSUMED FOR DESIGN OF PILE							
(Arrived from Bore Hole data made available by CSL)							
LEVEL (m)	N VALUE	UNCONFINED COMPRESSION STRENGTH (kg/m ²)	UNCONFINED COMPRESSION STRENGTH (t/m ²)	ADHESION FACTOR (Alpha) & COHESION (t/m ²)	Nc	Nr	Nq
0.0	5	0.5	5	1.0 2.5 t/m ²	0		
12.60	5	0.5	5	1.0 2.5 t/m ²	9		
15.60	5	0.5	5	1.0 2.5 t/m ²	9		
18.60	10	0.8	8	1.0 4.0 t/m ²	9		
23.60	10	0.8	8	1.0 4.0 t/m ²	9		
30.0	15	1.1	11	1.0 4.0 t/m ²	9		
46.0	100	SAND	SAND	Angle of wall friction assumed 30 degree		22	20
50.0	100		SAND	Angle of wall friction assumed 30 degree		22	20
LOAD CARRYING CAPACITY OF 700 mm Dia PILE							
PILE IN COHESIVE SOIL (Refer IS 2911 Part1/ Sec2 Page 11)							
$Q_u = A_p \cdot N_c \cdot C_p + \text{Alpha} \cdot C \cdot A_{sl}$							
$Q_u =$	406.12 t						
PILE IN GRANULAR SOIL (Refer IS 2911 Part1/ Sec2 Page 10)							
$Q_u = A_p (1/2 \cdot \gamma \cdot N_r + P_d N_q) + K_i P_d \tan 30^\circ \cdot A_{sl}$							
$\gamma = 18 \text{ kN/m}^3$	$P_d = 15 \cdot 16 \cdot 7 = 1680 \text{ kg/m}^2$	$K_i = 1.5$					
$Q_u =$	2620.59 kN		257.00 t				
Total capacity of single 700 mm dia pile			663.12 t				
Total Capacity of two piles			1326.23				
Safe Capacity with FS of 2.5			530.49 t				
Reaction due to two EoT crane			1221.088 kN				
Reaction due to old EoT crane			694.23 kN				
Addition load on the piles			526.86 kN				
Addition load on the piles in t			53.67 t				
Reduction in FS due to additional load			2.3	Safe			

1 RATE ANALYSIS FOR ITEM No.1 (DISMANTLING OF CRANE RAIL)	
Refer CPWD, DSR 2023 Item no. 15.18 of volume-2 for dismantling of work in single section	
Rate for 1 Quintal without GST and CPOH	397.44
Extra for every 1m height beyond 5 m (Refer CPWD, DSR 2023 Item no. 15.21 of volume-2)	490.96
Sub Total	888.4
Add 10% extra for working at height incl. providing safety harness etc.	88.84
Sub Total	977.24
Add Ennakulam cost index of 135	1319.27
Add 1% water charge	1332.47
Add CPOH @ 15%	1532.34
Add 1% Cess	1547.66
Total	1550.00 /Quintal
Say Rs.	15500.00 /Tonne
GST shall be extra	
2 RATE ANALYSIS FOR ITEM No.2 (CLEANING AND SURFACE PREPARATION OF THE AREA FOR WELDING OF FLANGE AND WEB PLATE)	
Rate for 3m2 Refer DSR 2023 Item No. 26.29.2 Volume 2	553.09
Add 10% extra for working at height	55.309
Sub Total	608.40
Add Ennakulam cost index of 135	746.67
Add 1% cess	754.14
Add CPOH @ 15%	867.26
Cost for one m2	289.09
Say Rs.	300 /Sq.m
GST shall be extra	
3 RATE ANALYSIS FOR ITEM NO.3 (FABRICATION WORK)	
Refer CPWD, DSR 2023 Item No. 10.1 of volume-1	
Rate for one quintal without GST and CPOH	8308.87
Extra for Working at height DSR 15.1	490.96
Add 1% water charge	83.09
Sub total	8882.92
Add Ennakulam cost index of 135	11991.34
Add 1% cess	12111.86
Add CPOH @ 15%	13928.64
Total	14000 /Quintal
Say Rs.	140000 /Tonne
GST shall be extra	
4 RATE ANALYSIS FOR ITEM NO.4 (REFIXING OF THE DISMANTLED CRANE RAIL)	
Assuming 2 rail (each 12 m long) erection per days, rate analysis for 24m	
Mobile crane 1 Nos - DSR 2023 0037	5050
Fitter grade 1, 2 Nos - DSR 2023 0116	1794
Skilled beldar, 2 Nos - DSR 2023 0139	1632
Beldar, 2 Nos - DSR 2023 0114	1472
Holding down bolts with nuts, Approx. 200 Nos - DSR 2023 code 1027	787.5
Sub-Total	10,736
Extra 10% for survey and marking line and level	1,073.55
Add 10% extra for working at height incl. providing safety harness etc.	1,073.55
Sub Total	12,882.60
Add Ennakulam cost index of 135	17391.51
Add 1% water charge	17565.43
Add CPOH @ 15%	20200.24
Add 1% Cess	20402.24
Rate for 1m	850.09
Total	850 /Rm
Say Rs.	850 /Rm
GST shall be extra	
5 RATE ANALYSIS FOR ITEM No.5 (PAINTING WITH 2 COAT OF PRIMER AND 2 COAT OF SYNTHATIC ENAMEL PAINT)	
Refer CPWD, DSR 2023 Item no. 13.50.3 & 13.50.4 of volume-2 for 2 coats of primer	
Rate for 10 m2 without GST and CPOH	727.51
Refer CPWD, DSR 2023 Item no. 13.61.1 of volume-2 for two coats synthetic enamel paint	
Rate for 10 m2 without GST and CPOH	1095.88
Sub Total	1823.39
Add 10% extra for working at height	182.339
Sub Total	2005.729
Add Ennakulam cost index of 135	2461.58
Add 1% cess	2486.19
Add CPOH @ 15%	2859.12
Cost for one m2	285.91
Say Rs.	290 /Sq.m
GST shall be extra	



Item No.1	DISMANTLING OF CRANE RAIL						
Total length of rail to be dismantled	290						
Consider 10 m length	Quantity	Weight (kg)	Total weight (kg)				
Rail	10	52	520 kg				
clamp	52	1.81	94.05 kg				
Bolt	52	0.15	7.80 kg				
Total			621.85 kg/10m				
Weight/m			62.18 kg/m				
Total Quantity			18033.63 kg				
			18.03 Tonne				
		SAY	20 Tonne				

Item No.2	CEANING AND SURFACE PREPARATION FOR RECEIVING FLANGE PLATE AND WEB PLATE						
	length (m)	Width (m)	Area (m2)				
Ginder both top and bottom	580	0.35	203 m2				
All column one side for a length of 5m	150	0.4	60				
Total			263 m2				
Add 10% extra			289.3				
		SAY	290 m2				

Item No.3	FABRICATION						
	Length (m)	Width (m)	Thickness (m)	Density (kg/m3)	Weight (kg)		
Flange Plate at Top and bottom of girder	560	0.3	0.016	7850	21100.8 kg		
Flange Plate at Top of 5 m cantilever girder	10	0.55	0.016	7850	690.8		
Web plate 300 mm wide 6 mm thick 7 m long for all column at one side	210	0.3	0.06	7850	29673		
Total					51464.6 kg		
					51.46 Tonne		
		SAY			52 Tonne		

Item No.4	REFIXING OF THE DISMANTLED CRANE RAIL						
	Length (m)						
Total Length	290 m						
SAY	290 m						

Item No.5	PAINTING WITH TWO COATS OF PRIMER AND TWO COATS OF ENAMEL PAINT						
	Area						
Painting area considered is only the area under item-2 with 10% extra.	319 m2						
SAY	320 m2						



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	Part		
Job Title PREPARATION BAY NEW CRANE	Ref		
	By ANJANA	Date 20-Jun-26	Chd
Client	File NEW CRANE FINAL.STE	Date/Time 07-Jul-2026 15:33	

Job Information

	Engineer	Checked	Approved
Name:	ANJANA		
Date:	20-Jun-26		

Project ID	
Project Name	

Structure Type	SPACE FRAME
----------------	-------------

Number of Nodes	832	Highest Node	834
Number of Elements	1508	Highest Beam	1545

Number of Basic Load Cases	1396
Number of Combination Load Cases	0

Included in this printout are data for:

All	The Whole Structure
-----	---------------------

Included in this printout are results for load cases:

Type	L/C	Name
Primary	1	DL
Primary	2	HORZ
Generation	3	LOAD GENERATION, LOAD #3, (1 of 139)
Generation	4	LOAD GENERATION, LOAD #4, (2 of 139)
Generation	5	LOAD GENERATION, LOAD #5, (3 of 139)
Generation	6	LOAD GENERATION, LOAD #6, (4 of 139)
Generation	7	LOAD GENERATION, LOAD #7, (5 of 139)
Generation	8	LOAD GENERATION, LOAD #8, (6 of 139)
Generation	9	LOAD GENERATION, LOAD #9, (7 of 139)
Generation	10	LOAD GENERATION, LOAD #10, (8 of 139)
Generation	11	LOAD GENERATION, LOAD #11, (9 of 139)
Generation	12	LOAD GENERATION, LOAD #12, (10 of 139)
Generation	13	LOAD GENERATION, LOAD #13, (11 of 139)
Generation	14	LOAD GENERATION, LOAD #14, (12 of 139)
Generation	15	LOAD GENERATION, LOAD #15, (13 of 139)
Generation	16	LOAD GENERATION, LOAD #16, (14 of 139)
Generation	17	LOAD GENERATION, LOAD #17, (15 of 139)
Generation	18	LOAD GENERATION, LOAD #18, (16 of 139)
Generation	19	LOAD GENERATION, LOAD #19, (17 of 139)
Generation	20	LOAD GENERATION, LOAD #20, (18 of 139)
Generation	21	LOAD GENERATION, LOAD #21, (19 of 139)
Generation	22	LOAD GENERATION, LOAD #22, (20 of 139)
Generation	23	LOAD GENERATION, LOAD #23, (21 of 139)
Generation	24	LOAD GENERATION, LOAD #24, (22 of 139)
Generation	25	LOAD GENERATION, LOAD #25, (23 of 139)
Generation	26	LOAD GENERATION, LOAD #26, (24 of 139)
Generation	27	LOAD GENERATION, LOAD #27, (25 of 139)
Generation	28	LOAD GENERATION, LOAD #28, (26 of 139)
Generation	29	LOAD GENERATION, LOAD #29, (27 of 139)



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Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

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Job Information Cont...

Type	L/C	Name
Generation	33	LOAD GENERATION, LOAD #33, (31 of 1:
Generation	34	LOAD GENERATION, LOAD #34, (32 of 1:
Generation	35	LOAD GENERATION, LOAD #35, (33 of 1:
Generation	36	LOAD GENERATION, LOAD #36, (34 of 1:
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Generation	46	LOAD GENERATION, LOAD #46, (44 of 1:
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Generation	49	LOAD GENERATION, LOAD #49, (47 of 1:
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Generation	55	LOAD GENERATION, LOAD #55, (53 of 1:
Generation	56	LOAD GENERATION, LOAD #56, (54 of 1:
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Generation	80	LOAD GENERATION, LOAD #80, (78 of 1:
Generation	81	LOAD GENERATION, LOAD #81, (79 of 1:



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

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Job Information Cont...

Type	L/C	Name
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Generation	88	LOAD GENERATION, LOAD #88, (86 of 1:
Generation	89	LOAD GENERATION, LOAD #89, (87 of 1:
Generation	90	LOAD GENERATION, LOAD #90, (88 of 1:
Generation	91	LOAD GENERATION, LOAD #91, (89 of 1:
Generation	92	LOAD GENERATION, LOAD #92, (90 of 1:
Generation	93	LOAD GENERATION, LOAD #93, (91 of 1:
Generation	94	LOAD GENERATION, LOAD #94, (92 of 1:
Generation	95	LOAD GENERATION, LOAD #95, (93 of 1:
Generation	96	LOAD GENERATION, LOAD #96, (94 of 1:
Generation	97	LOAD GENERATION, LOAD #97, (95 of 1:
Generation	98	LOAD GENERATION, LOAD #98, (96 of 1:
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Generation	128	LOAD GENERATION, LOAD #128, (126 of
Generation	129	LOAD GENERATION, LOAD #129, (127 of
Generation	130	LOAD GENERATION, LOAD #130, (128 of



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

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File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
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Generation	177	LOAD GENERATION, LOAD #177, (175 of 178)
Generation	178	LOAD GENERATION, LOAD #178, (176 of 178)



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

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File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
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Generation	192	LOAD GENERATION, LOAD #192, (190 of 226)
Generation	193	LOAD GENERATION, LOAD #193, (191 of 226)
Generation	194	LOAD GENERATION, LOAD #194, (192 of 226)
Generation	195	LOAD GENERATION, LOAD #195, (193 of 226)
Generation	196	LOAD GENERATION, LOAD #196, (194 of 226)
Generation	197	LOAD GENERATION, LOAD #197, (195 of 226)
Generation	198	LOAD GENERATION, LOAD #198, (196 of 226)
Generation	199	LOAD GENERATION, LOAD #199, (197 of 226)
Generation	200	LOAD GENERATION, LOAD #200, (198 of 226)
Generation	201	LOAD GENERATION, LOAD #201, (199 of 226)
Generation	202	LOAD GENERATION, LOAD #202, (200 of 226)
Generation	203	LOAD GENERATION, LOAD #203, (201 of 226)
Generation	204	LOAD GENERATION, LOAD #204, (202 of 226)
Generation	205	LOAD GENERATION, LOAD #205, (203 of 226)
Generation	206	LOAD GENERATION, LOAD #206, (204 of 226)
Generation	207	LOAD GENERATION, LOAD #207, (205 of 226)
Generation	208	LOAD GENERATION, LOAD #208, (206 of 226)
Generation	209	LOAD GENERATION, LOAD #209, (207 of 226)
Generation	210	LOAD GENERATION, LOAD #210, (208 of 226)
Generation	211	LOAD GENERATION, LOAD #211, (209 of 226)
Generation	212	LOAD GENERATION, LOAD #212, (210 of 226)
Generation	213	LOAD GENERATION, LOAD #213, (211 of 226)
Generation	214	LOAD GENERATION, LOAD #214, (212 of 226)
Generation	215	LOAD GENERATION, LOAD #215, (213 of 226)
Generation	216	LOAD GENERATION, LOAD #216, (214 of 226)
Generation	217	LOAD GENERATION, LOAD #217, (215 of 226)
Generation	218	LOAD GENERATION, LOAD #218, (216 of 226)
Generation	219	LOAD GENERATION, LOAD #219, (217 of 226)
Generation	220	LOAD GENERATION, LOAD #220, (218 of 226)
Generation	221	LOAD GENERATION, LOAD #221, (219 of 226)
Generation	222	LOAD GENERATION, LOAD #222, (220 of 226)
Generation	223	LOAD GENERATION, LOAD #223, (221 of 226)
Generation	224	LOAD GENERATION, LOAD #224, (222 of 226)
Generation	225	LOAD GENERATION, LOAD #225, (223 of 226)
Generation	226	LOAD GENERATION, LOAD #226, (224 of 226)



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Job No

1

Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
Generation	226	LOAD GENERATION, LOAD #226, (224 o
Generation	227	LOAD GENERATION, LOAD #227, (225 o
Generation	228	LOAD GENERATION, LOAD #228, (226 o
Generation	229	LOAD GENERATION, LOAD #229, (227 o
Generation	230	LOAD GENERATION, LOAD #230, (228 o
Generation	231	LOAD GENERATION, LOAD #231, (229 o
Generation	232	LOAD GENERATION, LOAD #232, (230 o
Generation	233	LOAD GENERATION, LOAD #233, (231 o
Generation	234	LOAD GENERATION, LOAD #234, (232 o
Generation	235	LOAD GENERATION, LOAD #235, (233 o
Generation	236	LOAD GENERATION, LOAD #236, (234 o
Generation	237	LOAD GENERATION, LOAD #237, (235 o
Generation	238	LOAD GENERATION, LOAD #238, (236 o
Generation	239	LOAD GENERATION, LOAD #239, (237 o
Generation	240	LOAD GENERATION, LOAD #240, (238 o
Generation	241	LOAD GENERATION, LOAD #241, (239 o
Generation	242	LOAD GENERATION, LOAD #242, (240 o
Generation	243	LOAD GENERATION, LOAD #243, (241 o
Generation	244	LOAD GENERATION, LOAD #244, (242 o
Generation	245	LOAD GENERATION, LOAD #245, (243 o
Generation	246	LOAD GENERATION, LOAD #246, (244 o
Generation	247	LOAD GENERATION, LOAD #247, (245 o
Generation	248	LOAD GENERATION, LOAD #248, (246 o
Generation	249	LOAD GENERATION, LOAD #249, (247 o
Generation	250	LOAD GENERATION, LOAD #250, (248 o
Generation	251	LOAD GENERATION, LOAD #251, (249 o
Generation	252	LOAD GENERATION, LOAD #252, (250 o
Generation	253	LOAD GENERATION, LOAD #253, (251 o
Generation	254	LOAD GENERATION, LOAD #254, (252 o
Generation	255	LOAD GENERATION, LOAD #255, (253 o
Generation	256	LOAD GENERATION, LOAD #256, (254 o
Generation	257	LOAD GENERATION, LOAD #257, (255 o
Generation	258	LOAD GENERATION, LOAD #258, (256 o
Generation	259	LOAD GENERATION, LOAD #259, (257 o
Generation	260	LOAD GENERATION, LOAD #260, (258 o
Generation	261	LOAD GENERATION, LOAD #261, (259 o
Generation	262	LOAD GENERATION, LOAD #262, (260 o
Generation	263	LOAD GENERATION, LOAD #263, (261 o
Generation	264	LOAD GENERATION, LOAD #264, (262 o
Generation	265	LOAD GENERATION, LOAD #265, (263 o
Generation	266	LOAD GENERATION, LOAD #266, (264 o
Generation	267	LOAD GENERATION, LOAD #267, (265 o
Generation	268	LOAD GENERATION, LOAD #268, (266 o
Generation	269	LOAD GENERATION, LOAD #269, (267 o
Generation	270	LOAD GENERATION, LOAD #270, (268 o
Generation	271	LOAD GENERATION, LOAD #271, (269 o
Generation	272	LOAD GENERATION, LOAD #272, (270 o
Generation	273	LOAD GENERATION, LOAD #273, (271 o
Generation	274	LOAD GENERATION, LOAD #274, (272 o

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	Part		
Job Title PREPARATION BAY NEW CRANE	Ref		
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Client	File NEW CRANE FINAL.ST	Date/Time 07-Jul-2026 15:33	

Job Information Cont...

Type	L/C	Name
Generation	274	LOAD GENERATION, LOAD #274, (272 of 322)
Generation	275	LOAD GENERATION, LOAD #275, (273 of 322)
Generation	276	LOAD GENERATION, LOAD #276, (274 of 322)
Generation	277	LOAD GENERATION, LOAD #277, (275 of 322)
Generation	278	LOAD GENERATION, LOAD #278, (276 of 322)
Generation	279	LOAD GENERATION, LOAD #279, (277 of 322)
Generation	280	LOAD GENERATION, LOAD #280, (278 of 322)
Generation	281	LOAD GENERATION, LOAD #281, (279 of 322)
Generation	282	LOAD GENERATION, LOAD #282, (280 of 322)
Generation	283	LOAD GENERATION, LOAD #283, (281 of 322)
Generation	284	LOAD GENERATION, LOAD #284, (282 of 322)
Generation	285	LOAD GENERATION, LOAD #285, (283 of 322)
Generation	286	LOAD GENERATION, LOAD #286, (284 of 322)
Generation	287	LOAD GENERATION, LOAD #287, (285 of 322)
Generation	288	LOAD GENERATION, LOAD #288, (286 of 322)
Generation	289	LOAD GENERATION, LOAD #289, (287 of 322)
Generation	290	LOAD GENERATION, LOAD #290, (288 of 322)
Generation	291	LOAD GENERATION, LOAD #291, (289 of 322)
Generation	292	LOAD GENERATION, LOAD #292, (290 of 322)
Generation	293	LOAD GENERATION, LOAD #293, (291 of 322)
Generation	294	LOAD GENERATION, LOAD #294, (292 of 322)
Generation	295	LOAD GENERATION, LOAD #295, (293 of 322)
Generation	296	LOAD GENERATION, LOAD #296, (294 of 322)
Generation	297	LOAD GENERATION, LOAD #297, (295 of 322)
Generation	298	LOAD GENERATION, LOAD #298, (296 of 322)
Generation	299	LOAD GENERATION, LOAD #299, (297 of 322)
Generation	300	LOAD GENERATION, LOAD #300, (298 of 322)
Generation	301	LOAD GENERATION, LOAD #301, (299 of 322)
Generation	302	LOAD GENERATION, LOAD #302, (300 of 322)
Generation	303	LOAD GENERATION, LOAD #303, (301 of 322)
Generation	304	LOAD GENERATION, LOAD #304, (302 of 322)
Generation	305	LOAD GENERATION, LOAD #305, (303 of 322)
Generation	306	LOAD GENERATION, LOAD #306, (304 of 322)
Generation	307	LOAD GENERATION, LOAD #307, (305 of 322)
Generation	308	LOAD GENERATION, LOAD #308, (306 of 322)
Generation	309	LOAD GENERATION, LOAD #309, (307 of 322)
Generation	310	LOAD GENERATION, LOAD #310, (308 of 322)
Generation	311	LOAD GENERATION, LOAD #311, (309 of 322)
Generation	312	LOAD GENERATION, LOAD #312, (310 of 322)
Generation	313	LOAD GENERATION, LOAD #313, (311 of 322)
Generation	314	LOAD GENERATION, LOAD #314, (312 of 322)
Generation	315	LOAD GENERATION, LOAD #315, (313 of 322)
Generation	316	LOAD GENERATION, LOAD #316, (314 of 322)
Generation	317	LOAD GENERATION, LOAD #317, (315 of 322)
Generation	318	LOAD GENERATION, LOAD #318, (316 of 322)
Generation	319	LOAD GENERATION, LOAD #319, (317 of 322)
Generation	320	LOAD GENERATION, LOAD #320, (318 of 322)
Generation	321	LOAD GENERATION, LOAD #321, (319 of 322)
Generation	322	LOAD GENERATION, LOAD #322, (320 of 322)

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	Part		
Job Title PREPARATION BAY NEW CRANE	Ref		
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Client	File NEW CRANE FINAL.STC	Date/Time 07-Jul-2026 15:33	

Job Information Cont...

Type	L/C	Name
Generation	322	LOAD GENERATION, LOAD #322, (320 o
Generation	323	LOAD GENERATION, LOAD #323, (321 o
Generation	324	LOAD GENERATION, LOAD #324, (322 o
Generation	325	LOAD GENERATION, LOAD #325, (323 o
Generation	326	LOAD GENERATION, LOAD #326, (324 o
Generation	327	LOAD GENERATION, LOAD #327, (325 o
Generation	328	LOAD GENERATION, LOAD #328, (326 o
Generation	329	LOAD GENERATION, LOAD #329, (327 o
Generation	330	LOAD GENERATION, LOAD #330, (328 o
Generation	331	LOAD GENERATION, LOAD #331, (329 o
Generation	332	LOAD GENERATION, LOAD #332, (330 o
Generation	333	LOAD GENERATION, LOAD #333, (331 o
Generation	334	LOAD GENERATION, LOAD #334, (332 o
Generation	335	LOAD GENERATION, LOAD #335, (333 o
Generation	336	LOAD GENERATION, LOAD #336, (334 o
Generation	337	LOAD GENERATION, LOAD #337, (335 o
Generation	338	LOAD GENERATION, LOAD #338, (336 o
Generation	339	LOAD GENERATION, LOAD #339, (337 o
Generation	340	LOAD GENERATION, LOAD #340, (338 o
Generation	341	LOAD GENERATION, LOAD #341, (339 o
Generation	342	LOAD GENERATION, LOAD #342, (340 o
Generation	343	LOAD GENERATION, LOAD #343, (341 o
Generation	344	LOAD GENERATION, LOAD #344, (342 o
Generation	345	LOAD GENERATION, LOAD #345, (343 o
Generation	346	LOAD GENERATION, LOAD #346, (344 o
Generation	347	LOAD GENERATION, LOAD #347, (345 o
Generation	348	LOAD GENERATION, LOAD #348, (346 o
Generation	349	LOAD GENERATION, LOAD #349, (347 o
Generation	350	LOAD GENERATION, LOAD #350, (348 o
Generation	351	LOAD GENERATION, LOAD #351, (349 o
Generation	352	LOAD GENERATION, LOAD #352, (350 o
Generation	353	LOAD GENERATION, LOAD #353, (351 o
Generation	354	LOAD GENERATION, LOAD #354, (352 o
Generation	355	LOAD GENERATION, LOAD #355, (353 o
Generation	356	LOAD GENERATION, LOAD #356, (354 o
Generation	357	LOAD GENERATION, LOAD #357, (355 o
Generation	358	LOAD GENERATION, LOAD #358, (356 o
Generation	359	LOAD GENERATION, LOAD #359, (357 o
Generation	360	LOAD GENERATION, LOAD #360, (358 o
Generation	361	LOAD GENERATION, LOAD #361, (359 o
Generation	362	LOAD GENERATION, LOAD #362, (360 o
Generation	363	LOAD GENERATION, LOAD #363, (361 o
Generation	364	LOAD GENERATION, LOAD #364, (362 o
Generation	365	LOAD GENERATION, LOAD #365, (363 o
Generation	366	LOAD GENERATION, LOAD #366, (364 o
Generation	367	LOAD GENERATION, LOAD #367, (365 o
Generation	368	LOAD GENERATION, LOAD #368, (366 o
Generation	369	LOAD GENERATION, LOAD #369, (367 o
Generation	370	LOAD GENERATION, LOAD #370, (368 o



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Job No

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Sheet No

9

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

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Job Information Cont...

Type	L/C	Name
Generation	370	LOAD GENERATION, LOAD #370, (368 of 418)
Generation	371	LOAD GENERATION, LOAD #371, (369 of 418)
Generation	372	LOAD GENERATION, LOAD #372, (370 of 418)
Generation	373	LOAD GENERATION, LOAD #373, (371 of 418)
Generation	374	LOAD GENERATION, LOAD #374, (372 of 418)
Generation	375	LOAD GENERATION, LOAD #375, (373 of 418)
Generation	376	LOAD GENERATION, LOAD #376, (374 of 418)
Generation	377	LOAD GENERATION, LOAD #377, (375 of 418)
Generation	378	LOAD GENERATION, LOAD #378, (376 of 418)
Generation	379	LOAD GENERATION, LOAD #379, (377 of 418)
Generation	380	LOAD GENERATION, LOAD #380, (378 of 418)
Generation	381	LOAD GENERATION, LOAD #381, (379 of 418)
Generation	382	LOAD GENERATION, LOAD #382, (380 of 418)
Generation	383	LOAD GENERATION, LOAD #383, (381 of 418)
Generation	384	LOAD GENERATION, LOAD #384, (382 of 418)
Generation	385	LOAD GENERATION, LOAD #385, (383 of 418)
Generation	386	LOAD GENERATION, LOAD #386, (384 of 418)
Generation	387	LOAD GENERATION, LOAD #387, (385 of 418)
Generation	388	LOAD GENERATION, LOAD #388, (386 of 418)
Generation	389	LOAD GENERATION, LOAD #389, (387 of 418)
Generation	390	LOAD GENERATION, LOAD #390, (388 of 418)
Generation	391	LOAD GENERATION, LOAD #391, (389 of 418)
Generation	392	LOAD GENERATION, LOAD #392, (390 of 418)
Generation	393	LOAD GENERATION, LOAD #393, (391 of 418)
Generation	394	LOAD GENERATION, LOAD #394, (392 of 418)
Generation	395	LOAD GENERATION, LOAD #395, (393 of 418)
Generation	396	LOAD GENERATION, LOAD #396, (394 of 418)
Generation	397	LOAD GENERATION, LOAD #397, (395 of 418)
Generation	398	LOAD GENERATION, LOAD #398, (396 of 418)
Generation	399	LOAD GENERATION, LOAD #399, (397 of 418)
Generation	400	LOAD GENERATION, LOAD #400, (398 of 418)
Generation	401	LOAD GENERATION, LOAD #401, (399 of 418)
Generation	402	LOAD GENERATION, LOAD #402, (400 of 418)
Generation	403	LOAD GENERATION, LOAD #403, (401 of 418)
Generation	404	LOAD GENERATION, LOAD #404, (402 of 418)
Generation	405	LOAD GENERATION, LOAD #405, (403 of 418)
Generation	406	LOAD GENERATION, LOAD #406, (404 of 418)
Generation	407	LOAD GENERATION, LOAD #407, (405 of 418)
Generation	408	LOAD GENERATION, LOAD #408, (406 of 418)
Generation	409	LOAD GENERATION, LOAD #409, (407 of 418)
Generation	410	LOAD GENERATION, LOAD #410, (408 of 418)
Generation	411	LOAD GENERATION, LOAD #411, (409 of 418)
Generation	412	LOAD GENERATION, LOAD #412, (410 of 418)
Generation	413	LOAD GENERATION, LOAD #413, (411 of 418)
Generation	414	LOAD GENERATION, LOAD #414, (412 of 418)
Generation	415	LOAD GENERATION, LOAD #415, (413 of 418)
Generation	416	LOAD GENERATION, LOAD #416, (414 of 418)
Generation	417	LOAD GENERATION, LOAD #417, (415 of 418)
Generation	418	LOAD GENERATION, LOAD #418, (416 of 418)



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1

Sheet No

10

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
Generation	418	LOAD GENERATION, LOAD #418, (416 o
Generation	419	LOAD GENERATION, LOAD #419, (417 o
Generation	420	LOAD GENERATION, LOAD #420, (418 o
Generation	421	LOAD GENERATION, LOAD #421, (419 o
Generation	422	LOAD GENERATION, LOAD #422, (420 o
Generation	423	LOAD GENERATION, LOAD #423, (421 o
Generation	424	LOAD GENERATION, LOAD #424, (422 o
Generation	425	LOAD GENERATION, LOAD #425, (423 o
Generation	426	LOAD GENERATION, LOAD #426, (424 o
Generation	427	LOAD GENERATION, LOAD #427, (425 o
Generation	428	LOAD GENERATION, LOAD #428, (426 o
Generation	429	LOAD GENERATION, LOAD #429, (427 o
Generation	430	LOAD GENERATION, LOAD #430, (428 o
Generation	431	LOAD GENERATION, LOAD #431, (429 o
Generation	432	LOAD GENERATION, LOAD #432, (430 o
Generation	433	LOAD GENERATION, LOAD #433, (431 o
Generation	434	LOAD GENERATION, LOAD #434, (432 o
Generation	435	LOAD GENERATION, LOAD #435, (433 o
Generation	436	LOAD GENERATION, LOAD #436, (434 o
Generation	437	LOAD GENERATION, LOAD #437, (435 o
Generation	438	LOAD GENERATION, LOAD #438, (436 o
Generation	439	LOAD GENERATION, LOAD #439, (437 o
Generation	440	LOAD GENERATION, LOAD #440, (438 o
Generation	441	LOAD GENERATION, LOAD #441, (439 o
Generation	442	LOAD GENERATION, LOAD #442, (440 o
Generation	443	LOAD GENERATION, LOAD #443, (441 o
Generation	444	LOAD GENERATION, LOAD #444, (442 o
Generation	445	LOAD GENERATION, LOAD #445, (443 o
Generation	446	LOAD GENERATION, LOAD #446, (444 o
Generation	447	LOAD GENERATION, LOAD #447, (445 o
Generation	448	LOAD GENERATION, LOAD #448, (446 o
Generation	449	LOAD GENERATION, LOAD #449, (447 o
Generation	450	LOAD GENERATION, LOAD #450, (448 o
Generation	451	LOAD GENERATION, LOAD #451, (449 o
Generation	452	LOAD GENERATION, LOAD #452, (450 o
Generation	453	LOAD GENERATION, LOAD #453, (451 o
Generation	454	LOAD GENERATION, LOAD #454, (452 o
Generation	455	LOAD GENERATION, LOAD #455, (453 o
Generation	456	LOAD GENERATION, LOAD #456, (454 o
Generation	457	LOAD GENERATION, LOAD #457, (455 o
Generation	458	LOAD GENERATION, LOAD #458, (456 o
Generation	459	LOAD GENERATION, LOAD #459, (457 o
Generation	460	LOAD GENERATION, LOAD #460, (458 o
Generation	461	LOAD GENERATION, LOAD #461, (459 o
Generation	462	LOAD GENERATION, LOAD #462, (460 o
Generation	463	LOAD GENERATION, LOAD #463, (461 o
Generation	464	LOAD GENERATION, LOAD #464, (462 o
Generation	465	LOAD GENERATION, LOAD #465, (463 o
Generation	466	LOAD GENERATION, LOAD #466, (464 o



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Sheet No

11

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.ST

Date/Time 07-Jul-2026 15:33

Job Information Cont...

Type	L/C	Name
Generation	466	LOAD GENERATION, LOAD #466, (464 o
Generation	467	LOAD GENERATION, LOAD #467, (465 o
Generation	468	LOAD GENERATION, LOAD #468, (466 o
Generation	469	LOAD GENERATION, LOAD #469, (467 o
Generation	470	LOAD GENERATION, LOAD #470, (468 o
Generation	471	LOAD GENERATION, LOAD #471, (469 o
Generation	472	LOAD GENERATION, LOAD #472, (470 o
Generation	473	LOAD GENERATION, LOAD #473, (471 o
Generation	474	LOAD GENERATION, LOAD #474, (472 o
Generation	475	LOAD GENERATION, LOAD #475, (473 o
Generation	476	LOAD GENERATION, LOAD #476, (474 o
Generation	477	LOAD GENERATION, LOAD #477, (475 o
Generation	478	LOAD GENERATION, LOAD #478, (476 o
Generation	479	LOAD GENERATION, LOAD #479, (477 o
Generation	480	LOAD GENERATION, LOAD #480, (478 o
Generation	481	LOAD GENERATION, LOAD #481, (479 o
Generation	482	LOAD GENERATION, LOAD #482, (480 o
Generation	483	LOAD GENERATION, LOAD #483, (481 o
Generation	484	LOAD GENERATION, LOAD #484, (482 o
Generation	485	LOAD GENERATION, LOAD #485, (483 o
Generation	486	LOAD GENERATION, LOAD #486, (484 o
Generation	487	LOAD GENERATION, LOAD #487, (485 o
Generation	488	LOAD GENERATION, LOAD #488, (486 o
Generation	489	LOAD GENERATION, LOAD #489, (487 o
Generation	490	LOAD GENERATION, LOAD #490, (488 o
Generation	491	LOAD GENERATION, LOAD #491, (489 o
Generation	492	LOAD GENERATION, LOAD #492, (490 o
Generation	493	LOAD GENERATION, LOAD #493, (491 o
Generation	494	LOAD GENERATION, LOAD #494, (492 o
Generation	495	LOAD GENERATION, LOAD #495, (493 o
Generation	496	LOAD GENERATION, LOAD #496, (494 o
Generation	497	LOAD GENERATION, LOAD #497, (495 o
Generation	498	LOAD GENERATION, LOAD #498, (496 o
Generation	499	LOAD GENERATION, LOAD #499, (497 o
Generation	500	LOAD GENERATION, LOAD #500, (498 o
Generation	501	LOAD GENERATION, LOAD #501, (499 o
Generation	502	LOAD GENERATION, LOAD #502, (500 o
Generation	503	LOAD GENERATION, LOAD #503, (501 o
Generation	504	LOAD GENERATION, LOAD #504, (502 o
Generation	505	LOAD GENERATION, LOAD #505, (503 o
Generation	506	LOAD GENERATION, LOAD #506, (504 o
Generation	507	LOAD GENERATION, LOAD #507, (505 o
Generation	508	LOAD GENERATION, LOAD #508, (506 o
Generation	509	LOAD GENERATION, LOAD #509, (507 o
Generation	510	LOAD GENERATION, LOAD #510, (508 o
Generation	511	LOAD GENERATION, LOAD #511, (509 o
Generation	512	LOAD GENERATION, LOAD #512, (510 o
Generation	513	LOAD GENERATION, LOAD #513, (511 o
Generation	514	LOAD GENERATION, LOAD #514, (512 o



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Job No

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Sheet No

12

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
Generation	514	LOAD GENERATION, LOAD #514, (512 of 562)
Generation	515	LOAD GENERATION, LOAD #515, (513 of 562)
Generation	516	LOAD GENERATION, LOAD #516, (514 of 562)
Generation	517	LOAD GENERATION, LOAD #517, (515 of 562)
Generation	518	LOAD GENERATION, LOAD #518, (516 of 562)
Generation	519	LOAD GENERATION, LOAD #519, (517 of 562)
Generation	520	LOAD GENERATION, LOAD #520, (518 of 562)
Generation	521	LOAD GENERATION, LOAD #521, (519 of 562)
Generation	522	LOAD GENERATION, LOAD #522, (520 of 562)
Generation	523	LOAD GENERATION, LOAD #523, (521 of 562)
Generation	524	LOAD GENERATION, LOAD #524, (522 of 562)
Generation	525	LOAD GENERATION, LOAD #525, (523 of 562)
Generation	526	LOAD GENERATION, LOAD #526, (524 of 562)
Generation	527	LOAD GENERATION, LOAD #527, (525 of 562)
Generation	528	LOAD GENERATION, LOAD #528, (526 of 562)
Generation	529	LOAD GENERATION, LOAD #529, (527 of 562)
Generation	530	LOAD GENERATION, LOAD #530, (528 of 562)
Generation	531	LOAD GENERATION, LOAD #531, (529 of 562)
Generation	532	LOAD GENERATION, LOAD #532, (530 of 562)
Generation	533	LOAD GENERATION, LOAD #533, (531 of 562)
Generation	534	LOAD GENERATION, LOAD #534, (532 of 562)
Generation	535	LOAD GENERATION, LOAD #535, (533 of 562)
Generation	536	LOAD GENERATION, LOAD #536, (534 of 562)
Generation	537	LOAD GENERATION, LOAD #537, (535 of 562)
Generation	538	LOAD GENERATION, LOAD #538, (536 of 562)
Generation	539	LOAD GENERATION, LOAD #539, (537 of 562)
Generation	540	LOAD GENERATION, LOAD #540, (538 of 562)
Generation	541	LOAD GENERATION, LOAD #541, (539 of 562)
Generation	542	LOAD GENERATION, LOAD #542, (540 of 562)
Generation	543	LOAD GENERATION, LOAD #543, (541 of 562)
Generation	544	LOAD GENERATION, LOAD #544, (542 of 562)
Generation	545	LOAD GENERATION, LOAD #545, (543 of 562)
Generation	546	LOAD GENERATION, LOAD #546, (544 of 562)
Generation	547	LOAD GENERATION, LOAD #547, (545 of 562)
Generation	548	LOAD GENERATION, LOAD #548, (546 of 562)
Generation	549	LOAD GENERATION, LOAD #549, (547 of 562)
Generation	550	LOAD GENERATION, LOAD #550, (548 of 562)
Generation	551	LOAD GENERATION, LOAD #551, (549 of 562)
Generation	552	LOAD GENERATION, LOAD #552, (550 of 562)
Generation	553	LOAD GENERATION, LOAD #553, (551 of 562)
Generation	554	LOAD GENERATION, LOAD #554, (552 of 562)
Generation	555	LOAD GENERATION, LOAD #555, (553 of 562)
Generation	556	LOAD GENERATION, LOAD #556, (554 of 562)
Generation	557	LOAD GENERATION, LOAD #557, (555 of 562)
Generation	558	LOAD GENERATION, LOAD #558, (556 of 562)
Generation	559	LOAD GENERATION, LOAD #559, (557 of 562)
Generation	560	LOAD GENERATION, LOAD #560, (558 of 562)
Generation	561	LOAD GENERATION, LOAD #561, (559 of 562)
Generation	562	LOAD GENERATION, LOAD #562, (560 of 562)



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Job No

1

Sheet No

13

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STD

Date/Time 07-Jul-2026 15:33

Job Information Cont...

Type	L/C	Name
Generation	562	LOAD GENERATION, LOAD #562, (560 o
Generation	563	LOAD GENERATION, LOAD #563, (561 o
Generation	564	LOAD GENERATION, LOAD #564, (562 o
Generation	565	LOAD GENERATION, LOAD #565, (563 o
Generation	566	LOAD GENERATION, LOAD #566, (564 o
Generation	567	LOAD GENERATION, LOAD #567, (565 o
Generation	568	LOAD GENERATION, LOAD #568, (566 o
Generation	569	LOAD GENERATION, LOAD #569, (567 o
Generation	570	LOAD GENERATION, LOAD #570, (568 o
Generation	571	LOAD GENERATION, LOAD #571, (569 o
Generation	572	LOAD GENERATION, LOAD #572, (570 o
Generation	573	LOAD GENERATION, LOAD #573, (571 o
Generation	574	LOAD GENERATION, LOAD #574, (572 o
Generation	575	LOAD GENERATION, LOAD #575, (573 o
Generation	576	LOAD GENERATION, LOAD #576, (574 o
Generation	577	LOAD GENERATION, LOAD #577, (575 o
Generation	578	LOAD GENERATION, LOAD #578, (576 o
Generation	579	LOAD GENERATION, LOAD #579, (577 o
Generation	580	LOAD GENERATION, LOAD #580, (578 o
Generation	581	LOAD GENERATION, LOAD #581, (579 o
Generation	582	LOAD GENERATION, LOAD #582, (580 o
Generation	583	LOAD GENERATION, LOAD #583, (581 o
Generation	584	LOAD GENERATION, LOAD #584, (582 o
Generation	585	LOAD GENERATION, LOAD #585, (583 o
Generation	586	LOAD GENERATION, LOAD #586, (584 o
Generation	587	LOAD GENERATION, LOAD #587, (585 o
Generation	588	LOAD GENERATION, LOAD #588, (586 o
Generation	589	LOAD GENERATION, LOAD #589, (587 o
Generation	590	LOAD GENERATION, LOAD #590, (588 o
Generation	591	LOAD GENERATION, LOAD #591, (589 o
Generation	592	LOAD GENERATION, LOAD #592, (590 o
Generation	593	LOAD GENERATION, LOAD #593, (591 o
Generation	594	LOAD GENERATION, LOAD #594, (592 o
Generation	595	LOAD GENERATION, LOAD #595, (593 o
Generation	596	LOAD GENERATION, LOAD #596, (594 o
Generation	597	LOAD GENERATION, LOAD #597, (595 o
Generation	598	LOAD GENERATION, LOAD #598, (596 o
Generation	599	LOAD GENERATION, LOAD #599, (597 o
Generation	600	LOAD GENERATION, LOAD #600, (598 o
Generation	601	LOAD GENERATION, LOAD #601, (599 o
Generation	602	LOAD GENERATION, LOAD #602, (600 o
Generation	603	LOAD GENERATION, LOAD #603, (601 o
Generation	604	LOAD GENERATION, LOAD #604, (602 o
Generation	605	LOAD GENERATION, LOAD #605, (603 o
Generation	606	LOAD GENERATION, LOAD #606, (604 o
Generation	607	LOAD GENERATION, LOAD #607, (605 o
Generation	608	LOAD GENERATION, LOAD #608, (606 o
Generation	609	LOAD GENERATION, LOAD #609, (607 o
Generation	610	LOAD GENERATION, LOAD #610, (608 o



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Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.ST

Date/Time 07-Jul-2026 15:33

Job Information Cont...

Type	L/C	Name
Generation	610	LOAD GENERATION, LOAD #610, (608 of 658)
Generation	611	LOAD GENERATION, LOAD #611, (609 of 658)
Generation	612	LOAD GENERATION, LOAD #612, (610 of 658)
Generation	613	LOAD GENERATION, LOAD #613, (611 of 658)
Generation	614	LOAD GENERATION, LOAD #614, (612 of 658)
Generation	615	LOAD GENERATION, LOAD #615, (613 of 658)
Generation	616	LOAD GENERATION, LOAD #616, (614 of 658)
Generation	617	LOAD GENERATION, LOAD #617, (615 of 658)
Generation	618	LOAD GENERATION, LOAD #618, (616 of 658)
Generation	619	LOAD GENERATION, LOAD #619, (617 of 658)
Generation	620	LOAD GENERATION, LOAD #620, (618 of 658)
Generation	621	LOAD GENERATION, LOAD #621, (619 of 658)
Generation	622	LOAD GENERATION, LOAD #622, (620 of 658)
Generation	623	LOAD GENERATION, LOAD #623, (621 of 658)
Generation	624	LOAD GENERATION, LOAD #624, (622 of 658)
Generation	625	LOAD GENERATION, LOAD #625, (623 of 658)
Generation	626	LOAD GENERATION, LOAD #626, (624 of 658)
Generation	627	LOAD GENERATION, LOAD #627, (625 of 658)
Generation	628	LOAD GENERATION, LOAD #628, (626 of 658)
Generation	629	LOAD GENERATION, LOAD #629, (627 of 658)
Generation	630	LOAD GENERATION, LOAD #630, (628 of 658)
Generation	631	LOAD GENERATION, LOAD #631, (629 of 658)
Generation	632	LOAD GENERATION, LOAD #632, (630 of 658)
Generation	633	LOAD GENERATION, LOAD #633, (631 of 658)
Generation	634	LOAD GENERATION, LOAD #634, (632 of 658)
Generation	635	LOAD GENERATION, LOAD #635, (633 of 658)
Generation	636	LOAD GENERATION, LOAD #636, (634 of 658)
Generation	637	LOAD GENERATION, LOAD #637, (635 of 658)
Generation	638	LOAD GENERATION, LOAD #638, (636 of 658)
Generation	639	LOAD GENERATION, LOAD #639, (637 of 658)
Generation	640	LOAD GENERATION, LOAD #640, (638 of 658)
Generation	641	LOAD GENERATION, LOAD #641, (639 of 658)
Generation	642	LOAD GENERATION, LOAD #642, (640 of 658)
Generation	643	LOAD GENERATION, LOAD #643, (641 of 658)
Generation	644	LOAD GENERATION, LOAD #644, (642 of 658)
Generation	645	LOAD GENERATION, LOAD #645, (643 of 658)
Generation	646	LOAD GENERATION, LOAD #646, (644 of 658)
Generation	647	LOAD GENERATION, LOAD #647, (645 of 658)
Generation	648	LOAD GENERATION, LOAD #648, (646 of 658)
Generation	649	LOAD GENERATION, LOAD #649, (647 of 658)
Generation	650	LOAD GENERATION, LOAD #650, (648 of 658)
Generation	651	LOAD GENERATION, LOAD #651, (649 of 658)
Generation	652	LOAD GENERATION, LOAD #652, (650 of 658)
Generation	653	LOAD GENERATION, LOAD #653, (651 of 658)
Generation	654	LOAD GENERATION, LOAD #654, (652 of 658)
Generation	655	LOAD GENERATION, LOAD #655, (653 of 658)
Generation	656	LOAD GENERATION, LOAD #656, (654 of 658)
Generation	657	LOAD GENERATION, LOAD #657, (655 of 658)
Generation	658	LOAD GENERATION, LOAD #658, (656 of 658)



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
Generation	658	LOAD GENERATION, LOAD #658, (656 o
Generation	659	LOAD GENERATION, LOAD #659, (657 o
Generation	660	LOAD GENERATION, LOAD #660, (658 o
Generation	661	LOAD GENERATION, LOAD #661, (659 o
Generation	662	LOAD GENERATION, LOAD #662, (660 o
Generation	663	LOAD GENERATION, LOAD #663, (661 o
Generation	664	LOAD GENERATION, LOAD #664, (662 o
Generation	665	LOAD GENERATION, LOAD #665, (663 o
Generation	666	LOAD GENERATION, LOAD #666, (664 o
Generation	667	LOAD GENERATION, LOAD #667, (665 o
Generation	668	LOAD GENERATION, LOAD #668, (666 o
Generation	669	LOAD GENERATION, LOAD #669, (667 o
Generation	670	LOAD GENERATION, LOAD #670, (668 o
Generation	671	LOAD GENERATION, LOAD #671, (669 o
Generation	672	LOAD GENERATION, LOAD #672, (670 o
Generation	673	LOAD GENERATION, LOAD #673, (671 o
Generation	674	LOAD GENERATION, LOAD #674, (672 o
Generation	675	LOAD GENERATION, LOAD #675, (673 o
Generation	676	LOAD GENERATION, LOAD #676, (674 o
Generation	677	LOAD GENERATION, LOAD #677, (675 o
Generation	678	LOAD GENERATION, LOAD #678, (676 o
Generation	679	LOAD GENERATION, LOAD #679, (677 o
Generation	680	LOAD GENERATION, LOAD #680, (678 o
Generation	681	LOAD GENERATION, LOAD #681, (679 o
Generation	682	LOAD GENERATION, LOAD #682, (680 o
Generation	683	LOAD GENERATION, LOAD #683, (681 o
Generation	684	LOAD GENERATION, LOAD #684, (682 o
Generation	685	LOAD GENERATION, LOAD #685, (683 o
Generation	686	LOAD GENERATION, LOAD #686, (684 o
Generation	687	LOAD GENERATION, LOAD #687, (685 o
Generation	688	LOAD GENERATION, LOAD #688, (686 o
Generation	689	LOAD GENERATION, LOAD #689, (687 o
Generation	690	LOAD GENERATION, LOAD #690, (688 o
Generation	691	LOAD GENERATION, LOAD #691, (689 o
Generation	692	LOAD GENERATION, LOAD #692, (690 o
Generation	693	LOAD GENERATION, LOAD #693, (691 o
Generation	694	LOAD GENERATION, LOAD #694, (692 o
Generation	695	LOAD GENERATION, LOAD #695, (693 o
Generation	696	LOAD GENERATION, LOAD #696, (694 o
Generation	697	LOAD GENERATION, LOAD #697, (695 o
Generation	698	LOAD GENERATION, LOAD #698, (696 o
Generation	699	LOAD GENERATION, LOAD #699, (697 o
Generation	700	LOAD GENERATION, LOAD #700, (698 o
Generation	701	LOAD GENERATION, LOAD #701, (699 o
Generation	702	LOAD GENERATION, LOAD #702, (700 o
Generation	703	LOAD GENERATION, LOAD #703, (701 o
Generation	704	LOAD GENERATION, LOAD #704, (702 o
Generation	705	LOAD GENERATION, LOAD #705, (703 o
Generation	706	LOAD GENERATION, LOAD #706, (704 o



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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STD

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Job Information Cont...

Type	L/C	Name
Generation	706	LOAD GENERATION, LOAD #706, (704 of 754)
Generation	707	LOAD GENERATION, LOAD #707, (705 of 754)
Generation	708	LOAD GENERATION, LOAD #708, (706 of 754)
Generation	709	LOAD GENERATION, LOAD #709, (707 of 754)
Generation	710	LOAD GENERATION, LOAD #710, (708 of 754)
Generation	711	LOAD GENERATION, LOAD #711, (709 of 754)
Generation	712	LOAD GENERATION, LOAD #712, (710 of 754)
Generation	713	LOAD GENERATION, LOAD #713, (711 of 754)
Generation	714	LOAD GENERATION, LOAD #714, (712 of 754)
Generation	715	LOAD GENERATION, LOAD #715, (713 of 754)
Generation	716	LOAD GENERATION, LOAD #716, (714 of 754)
Generation	717	LOAD GENERATION, LOAD #717, (715 of 754)
Generation	718	LOAD GENERATION, LOAD #718, (716 of 754)
Generation	719	LOAD GENERATION, LOAD #719, (717 of 754)
Generation	720	LOAD GENERATION, LOAD #720, (718 of 754)
Generation	721	LOAD GENERATION, LOAD #721, (719 of 754)
Generation	722	LOAD GENERATION, LOAD #722, (720 of 754)
Generation	723	LOAD GENERATION, LOAD #723, (721 of 754)
Generation	724	LOAD GENERATION, LOAD #724, (722 of 754)
Generation	725	LOAD GENERATION, LOAD #725, (723 of 754)
Generation	726	LOAD GENERATION, LOAD #726, (724 of 754)
Generation	727	LOAD GENERATION, LOAD #727, (725 of 754)
Generation	728	LOAD GENERATION, LOAD #728, (726 of 754)
Generation	729	LOAD GENERATION, LOAD #729, (727 of 754)
Generation	730	LOAD GENERATION, LOAD #730, (728 of 754)
Generation	731	LOAD GENERATION, LOAD #731, (729 of 754)
Generation	732	LOAD GENERATION, LOAD #732, (730 of 754)
Generation	733	LOAD GENERATION, LOAD #733, (731 of 754)
Generation	734	LOAD GENERATION, LOAD #734, (732 of 754)
Generation	735	LOAD GENERATION, LOAD #735, (733 of 754)
Generation	736	LOAD GENERATION, LOAD #736, (734 of 754)
Generation	737	LOAD GENERATION, LOAD #737, (735 of 754)
Generation	738	LOAD GENERATION, LOAD #738, (736 of 754)
Generation	739	LOAD GENERATION, LOAD #739, (737 of 754)
Generation	740	LOAD GENERATION, LOAD #740, (738 of 754)
Generation	741	LOAD GENERATION, LOAD #741, (739 of 754)
Generation	742	LOAD GENERATION, LOAD #742, (740 of 754)
Generation	743	LOAD GENERATION, LOAD #743, (741 of 754)
Generation	744	LOAD GENERATION, LOAD #744, (742 of 754)
Generation	745	LOAD GENERATION, LOAD #745, (743 of 754)
Generation	746	LOAD GENERATION, LOAD #746, (744 of 754)
Generation	747	LOAD GENERATION, LOAD #747, (745 of 754)
Generation	748	LOAD GENERATION, LOAD #748, (746 of 754)
Generation	749	LOAD GENERATION, LOAD #749, (747 of 754)
Generation	750	LOAD GENERATION, LOAD #750, (748 of 754)
Generation	751	LOAD GENERATION, LOAD #751, (749 of 754)
Generation	752	LOAD GENERATION, LOAD #752, (750 of 754)
Generation	753	LOAD GENERATION, LOAD #753, (751 of 754)
Generation	754	LOAD GENERATION, LOAD #754, (752 of 754)



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
Generation	754	LOAD GENERATION, LOAD #754, (752 o
Generation	755	LOAD GENERATION, LOAD #755, (753 o
Generation	756	LOAD GENERATION, LOAD #756, (754 o
Generation	757	LOAD GENERATION, LOAD #757, (755 o
Generation	758	LOAD GENERATION, LOAD #758, (756 o
Generation	759	LOAD GENERATION, LOAD #759, (757 o
Generation	760	LOAD GENERATION, LOAD #760, (758 o
Generation	761	LOAD GENERATION, LOAD #761, (759 o
Generation	762	LOAD GENERATION, LOAD #762, (760 o
Generation	763	LOAD GENERATION, LOAD #763, (761 o
Generation	764	LOAD GENERATION, LOAD #764, (762 o
Generation	765	LOAD GENERATION, LOAD #765, (763 o
Generation	766	LOAD GENERATION, LOAD #766, (764 o
Generation	767	LOAD GENERATION, LOAD #767, (765 o
Generation	768	LOAD GENERATION, LOAD #768, (766 o
Generation	769	LOAD GENERATION, LOAD #769, (767 o
Generation	770	LOAD GENERATION, LOAD #770, (768 o
Generation	771	LOAD GENERATION, LOAD #771, (769 o
Generation	772	LOAD GENERATION, LOAD #772, (770 o
Generation	773	LOAD GENERATION, LOAD #773, (771 o
Generation	774	LOAD GENERATION, LOAD #774, (772 o
Generation	775	LOAD GENERATION, LOAD #775, (773 o
Generation	776	LOAD GENERATION, LOAD #776, (774 o
Generation	777	LOAD GENERATION, LOAD #777, (775 o
Generation	778	LOAD GENERATION, LOAD #778, (776 o
Generation	779	LOAD GENERATION, LOAD #779, (777 o
Generation	780	LOAD GENERATION, LOAD #780, (778 o
Generation	781	LOAD GENERATION, LOAD #781, (779 o
Generation	782	LOAD GENERATION, LOAD #782, (780 o
Generation	783	LOAD GENERATION, LOAD #783, (781 o
Generation	784	LOAD GENERATION, LOAD #784, (782 o
Generation	785	LOAD GENERATION, LOAD #785, (783 o
Generation	786	LOAD GENERATION, LOAD #786, (784 o
Generation	787	LOAD GENERATION, LOAD #787, (785 o
Generation	788	LOAD GENERATION, LOAD #788, (786 o
Generation	789	LOAD GENERATION, LOAD #789, (787 o
Generation	790	LOAD GENERATION, LOAD #790, (788 o
Generation	791	LOAD GENERATION, LOAD #791, (789 o
Generation	792	LOAD GENERATION, LOAD #792, (790 o
Generation	793	LOAD GENERATION, LOAD #793, (791 o
Generation	794	LOAD GENERATION, LOAD #794, (792 o
Generation	795	LOAD GENERATION, LOAD #795, (793 o
Generation	796	LOAD GENERATION, LOAD #796, (794 o
Generation	797	LOAD GENERATION, LOAD #797, (795 o
Generation	798	LOAD GENERATION, LOAD #798, (796 o
Generation	799	LOAD GENERATION, LOAD #799, (797 o
Generation	800	LOAD GENERATION, LOAD #800, (798 o
Generation	801	LOAD GENERATION, LOAD #801, (799 o
Generation	802	LOAD GENERATION, LOAD #802, (800 o



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
Generation	802	LOAD GENERATION, LOAD #802, (800 o
Generation	803	LOAD GENERATION, LOAD #803, (801 o
Generation	804	LOAD GENERATION, LOAD #804, (802 o
Generation	805	LOAD GENERATION, LOAD #805, (803 o
Generation	806	LOAD GENERATION, LOAD #806, (804 o
Generation	807	LOAD GENERATION, LOAD #807, (805 o
Generation	808	LOAD GENERATION, LOAD #808, (806 o
Generation	809	LOAD GENERATION, LOAD #809, (807 o
Generation	810	LOAD GENERATION, LOAD #810, (808 o
Generation	811	LOAD GENERATION, LOAD #811, (809 o
Generation	812	LOAD GENERATION, LOAD #812, (810 o
Generation	813	LOAD GENERATION, LOAD #813, (811 o
Generation	814	LOAD GENERATION, LOAD #814, (812 o
Generation	815	LOAD GENERATION, LOAD #815, (813 o
Generation	816	LOAD GENERATION, LOAD #816, (814 o
Generation	817	LOAD GENERATION, LOAD #817, (815 o
Generation	818	LOAD GENERATION, LOAD #818, (816 o
Generation	819	LOAD GENERATION, LOAD #819, (817 o
Generation	820	LOAD GENERATION, LOAD #820, (818 o
Generation	821	LOAD GENERATION, LOAD #821, (819 o
Generation	822	LOAD GENERATION, LOAD #822, (820 o
Generation	823	LOAD GENERATION, LOAD #823, (821 o
Generation	824	LOAD GENERATION, LOAD #824, (822 o
Generation	825	LOAD GENERATION, LOAD #825, (823 o
Generation	826	LOAD GENERATION, LOAD #826, (824 o
Generation	827	LOAD GENERATION, LOAD #827, (825 o
Generation	828	LOAD GENERATION, LOAD #828, (826 o
Generation	829	LOAD GENERATION, LOAD #829, (827 o
Generation	830	LOAD GENERATION, LOAD #830, (828 o
Generation	831	LOAD GENERATION, LOAD #831, (829 o
Generation	832	LOAD GENERATION, LOAD #832, (830 o
Generation	833	LOAD GENERATION, LOAD #833, (831 o
Generation	834	LOAD GENERATION, LOAD #834, (832 o
Generation	835	LOAD GENERATION, LOAD #835, (833 o
Generation	836	LOAD GENERATION, LOAD #836, (834 o
Generation	837	LOAD GENERATION, LOAD #837, (835 o
Generation	838	LOAD GENERATION, LOAD #838, (836 o
Generation	839	LOAD GENERATION, LOAD #839, (837 o
Generation	840	LOAD GENERATION, LOAD #840, (838 o
Generation	841	LOAD GENERATION, LOAD #841, (839 o
Generation	842	LOAD GENERATION, LOAD #842, (840 o
Generation	843	LOAD GENERATION, LOAD #843, (841 o
Generation	844	LOAD GENERATION, LOAD #844, (842 o
Generation	845	LOAD GENERATION, LOAD #845, (843 o
Generation	846	LOAD GENERATION, LOAD #846, (844 o
Generation	847	LOAD GENERATION, LOAD #847, (845 o
Generation	848	LOAD GENERATION, LOAD #848, (846 o
Generation	849	LOAD GENERATION, LOAD #849, (847 o
Generation	850	LOAD GENERATION, LOAD #850, (848 o



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Sheet No

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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
Generation	850	LOAD GENERATION, LOAD #850, (848 o
Generation	851	LOAD GENERATION, LOAD #851, (849 o
Generation	852	LOAD GENERATION, LOAD #852, (850 o
Generation	853	LOAD GENERATION, LOAD #853, (851 o
Generation	854	LOAD GENERATION, LOAD #854, (852 o
Generation	855	LOAD GENERATION, LOAD #855, (853 o
Generation	856	LOAD GENERATION, LOAD #856, (854 o
Generation	857	LOAD GENERATION, LOAD #857, (855 o
Generation	858	LOAD GENERATION, LOAD #858, (856 o
Generation	859	LOAD GENERATION, LOAD #859, (857 o
Generation	860	LOAD GENERATION, LOAD #860, (858 o
Generation	861	LOAD GENERATION, LOAD #861, (859 o
Generation	862	LOAD GENERATION, LOAD #862, (860 o
Generation	863	LOAD GENERATION, LOAD #863, (861 o
Generation	864	LOAD GENERATION, LOAD #864, (862 o
Generation	865	LOAD GENERATION, LOAD #865, (863 o
Generation	866	LOAD GENERATION, LOAD #866, (864 o
Generation	867	LOAD GENERATION, LOAD #867, (865 o
Generation	868	LOAD GENERATION, LOAD #868, (866 o
Generation	869	LOAD GENERATION, LOAD #869, (867 o
Generation	870	LOAD GENERATION, LOAD #870, (868 o
Generation	871	LOAD GENERATION, LOAD #871, (869 o
Generation	872	LOAD GENERATION, LOAD #872, (870 o
Generation	873	LOAD GENERATION, LOAD #873, (871 o
Generation	874	LOAD GENERATION, LOAD #874, (872 o
Generation	875	LOAD GENERATION, LOAD #875, (873 o
Generation	876	LOAD GENERATION, LOAD #876, (874 o
Generation	877	LOAD GENERATION, LOAD #877, (875 o
Generation	878	LOAD GENERATION, LOAD #878, (876 o
Generation	879	LOAD GENERATION, LOAD #879, (877 o
Generation	880	LOAD GENERATION, LOAD #880, (878 o
Generation	881	LOAD GENERATION, LOAD #881, (879 o
Generation	882	LOAD GENERATION, LOAD #882, (880 o
Generation	883	LOAD GENERATION, LOAD #883, (881 o
Generation	884	LOAD GENERATION, LOAD #884, (882 o
Generation	885	LOAD GENERATION, LOAD #885, (883 o
Generation	886	LOAD GENERATION, LOAD #886, (884 o
Generation	887	LOAD GENERATION, LOAD #887, (885 o
Generation	888	LOAD GENERATION, LOAD #888, (886 o
Generation	889	LOAD GENERATION, LOAD #889, (887 o
Generation	890	LOAD GENERATION, LOAD #890, (888 o
Generation	891	LOAD GENERATION, LOAD #891, (889 o
Generation	892	LOAD GENERATION, LOAD #892, (890 o
Generation	893	LOAD GENERATION, LOAD #893, (891 o
Generation	894	LOAD GENERATION, LOAD #894, (892 o
Generation	895	LOAD GENERATION, LOAD #895, (893 o
Generation	896	LOAD GENERATION, LOAD #896, (894 o
Generation	897	LOAD GENERATION, LOAD #897, (895 o
Generation	898	LOAD GENERATION, LOAD #898, (896 o



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Sheet No

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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
Generation	898	LOAD GENERATION, LOAD #898, (896 o
Generation	899	LOAD GENERATION, LOAD #899, (897 o
Generation	900	LOAD GENERATION, LOAD #900, (898 o
Generation	901	LOAD GENERATION, LOAD #901, (899 o
Generation	902	LOAD GENERATION, LOAD #902, (900 o
Generation	903	LOAD GENERATION, LOAD #903, (901 o
Generation	904	LOAD GENERATION, LOAD #904, (902 o
Generation	905	LOAD GENERATION, LOAD #905, (903 o
Generation	906	LOAD GENERATION, LOAD #906, (904 o
Generation	907	LOAD GENERATION, LOAD #907, (905 o
Generation	908	LOAD GENERATION, LOAD #908, (906 o
Generation	909	LOAD GENERATION, LOAD #909, (907 o
Generation	910	LOAD GENERATION, LOAD #910, (908 o
Generation	911	LOAD GENERATION, LOAD #911, (909 o
Generation	912	LOAD GENERATION, LOAD #912, (910 o
Generation	913	LOAD GENERATION, LOAD #913, (911 o
Generation	914	LOAD GENERATION, LOAD #914, (912 o
Generation	915	LOAD GENERATION, LOAD #915, (913 o
Generation	916	LOAD GENERATION, LOAD #916, (914 o
Generation	917	LOAD GENERATION, LOAD #917, (915 o
Generation	918	LOAD GENERATION, LOAD #918, (916 o
Generation	919	LOAD GENERATION, LOAD #919, (917 o
Generation	920	LOAD GENERATION, LOAD #920, (918 o
Generation	921	LOAD GENERATION, LOAD #921, (919 o
Generation	922	LOAD GENERATION, LOAD #922, (920 o
Generation	923	LOAD GENERATION, LOAD #923, (921 o
Generation	924	LOAD GENERATION, LOAD #924, (922 o
Generation	925	LOAD GENERATION, LOAD #925, (923 o
Generation	926	LOAD GENERATION, LOAD #926, (924 o
Generation	927	LOAD GENERATION, LOAD #927, (925 o
Generation	928	LOAD GENERATION, LOAD #928, (926 o
Generation	929	LOAD GENERATION, LOAD #929, (927 o
Generation	930	LOAD GENERATION, LOAD #930, (928 o
Generation	931	LOAD GENERATION, LOAD #931, (929 o
Generation	932	LOAD GENERATION, LOAD #932, (930 o
Generation	933	LOAD GENERATION, LOAD #933, (931 o
Generation	934	LOAD GENERATION, LOAD #934, (932 o
Generation	935	LOAD GENERATION, LOAD #935, (933 o
Generation	936	LOAD GENERATION, LOAD #936, (934 o
Generation	937	LOAD GENERATION, LOAD #937, (935 o
Generation	938	LOAD GENERATION, LOAD #938, (936 o
Generation	939	LOAD GENERATION, LOAD #939, (937 o
Generation	940	LOAD GENERATION, LOAD #940, (938 o
Generation	941	LOAD GENERATION, LOAD #941, (939 o
Generation	942	LOAD GENERATION, LOAD #942, (940 o
Generation	943	LOAD GENERATION, LOAD #943, (941 o
Generation	944	LOAD GENERATION, LOAD #944, (942 o
Generation	945	LOAD GENERATION, LOAD #945, (943 o
Generation	946	LOAD GENERATION, LOAD #946, (944 o



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Job No

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Sheet No

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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.ST

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Job Information Cont...

Type	L/C	Name
Generation	946	LOAD GENERATION, LOAD #946, (944 o
Generation	947	LOAD GENERATION, LOAD #947, (945 o
Generation	948	LOAD GENERATION, LOAD #948, (946 o
Generation	949	LOAD GENERATION, LOAD #949, (947 o
Generation	950	LOAD GENERATION, LOAD #950, (948 o
Generation	951	LOAD GENERATION, LOAD #951, (949 o
Generation	952	LOAD GENERATION, LOAD #952, (950 o
Generation	953	LOAD GENERATION, LOAD #953, (951 o
Generation	954	LOAD GENERATION, LOAD #954, (952 o
Generation	955	LOAD GENERATION, LOAD #955, (953 o
Generation	956	LOAD GENERATION, LOAD #956, (954 o
Generation	957	LOAD GENERATION, LOAD #957, (955 o
Generation	958	LOAD GENERATION, LOAD #958, (956 o
Generation	959	LOAD GENERATION, LOAD #959, (957 o
Generation	960	LOAD GENERATION, LOAD #960, (958 o
Generation	961	LOAD GENERATION, LOAD #961, (959 o
Generation	962	LOAD GENERATION, LOAD #962, (960 o
Generation	963	LOAD GENERATION, LOAD #963, (961 o
Generation	964	LOAD GENERATION, LOAD #964, (962 o
Generation	965	LOAD GENERATION, LOAD #965, (963 o
Generation	966	LOAD GENERATION, LOAD #966, (964 o
Generation	967	LOAD GENERATION, LOAD #967, (965 o
Generation	968	LOAD GENERATION, LOAD #968, (966 o
Generation	969	LOAD GENERATION, LOAD #969, (967 o
Generation	970	LOAD GENERATION, LOAD #970, (968 o
Generation	971	LOAD GENERATION, LOAD #971, (969 o
Generation	972	LOAD GENERATION, LOAD #972, (970 o
Generation	973	LOAD GENERATION, LOAD #973, (971 o
Generation	974	LOAD GENERATION, LOAD #974, (972 o
Generation	975	LOAD GENERATION, LOAD #975, (973 o
Generation	976	LOAD GENERATION, LOAD #976, (974 o
Generation	977	LOAD GENERATION, LOAD #977, (975 o
Generation	978	LOAD GENERATION, LOAD #978, (976 o
Generation	979	LOAD GENERATION, LOAD #979, (977 o
Generation	980	LOAD GENERATION, LOAD #980, (978 o
Generation	981	LOAD GENERATION, LOAD #981, (979 o
Generation	982	LOAD GENERATION, LOAD #982, (980 o
Generation	983	LOAD GENERATION, LOAD #983, (981 o
Generation	984	LOAD GENERATION, LOAD #984, (982 o
Generation	985	LOAD GENERATION, LOAD #985, (983 o
Generation	986	LOAD GENERATION, LOAD #986, (984 o
Generation	987	LOAD GENERATION, LOAD #987, (985 o
Generation	988	LOAD GENERATION, LOAD #988, (986 o
Generation	989	LOAD GENERATION, LOAD #989, (987 o
Generation	990	LOAD GENERATION, LOAD #990, (988 o
Generation	991	LOAD GENERATION, LOAD #991, (989 o
Generation	992	LOAD GENERATION, LOAD #992, (990 o
Generation	993	LOAD GENERATION, LOAD #993, (991 o
Generation	994	LOAD GENERATION, LOAD #994, (992 o



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Job No

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Sheet No

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Rev

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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Job Information Cont...

Type	L/C	Name
Generation	994	LOAD GENERATION, LOAD #994, (992 of 1042)
Generation	995	LOAD GENERATION, LOAD #995, (993 of 1042)
Generation	996	LOAD GENERATION, LOAD #996, (994 of 1042)
Generation	997	LOAD GENERATION, LOAD #997, (995 of 1042)
Generation	998	LOAD GENERATION, LOAD #998, (996 of 1042)
Generation	999	LOAD GENERATION, LOAD #999, (997 of 1042)
Generation	1000	LOAD GENERATION, LOAD #1000, (998 of 1042)
Generation	1001	LOAD GENERATION, LOAD #1001, (999 of 1042)
Generation	1002	LOAD GENERATION, LOAD #1002, (1000 of 1042)
Generation	1003	LOAD GENERATION, LOAD #1003, (1001 of 1042)
Generation	1004	LOAD GENERATION, LOAD #1004, (1002 of 1042)
Generation	1005	LOAD GENERATION, LOAD #1005, (1003 of 1042)
Generation	1006	LOAD GENERATION, LOAD #1006, (1004 of 1042)
Generation	1007	LOAD GENERATION, LOAD #1007, (1005 of 1042)
Generation	1008	LOAD GENERATION, LOAD #1008, (1006 of 1042)
Generation	1009	LOAD GENERATION, LOAD #1009, (1007 of 1042)
Generation	1010	LOAD GENERATION, LOAD #1010, (1008 of 1042)
Generation	1011	LOAD GENERATION, LOAD #1011, (1009 of 1042)
Generation	1012	LOAD GENERATION, LOAD #1012, (1010 of 1042)
Generation	1013	LOAD GENERATION, LOAD #1013, (1011 of 1042)
Generation	1014	LOAD GENERATION, LOAD #1014, (1012 of 1042)
Generation	1015	LOAD GENERATION, LOAD #1015, (1013 of 1042)
Generation	1016	LOAD GENERATION, LOAD #1016, (1014 of 1042)
Generation	1017	LOAD GENERATION, LOAD #1017, (1015 of 1042)
Generation	1018	LOAD GENERATION, LOAD #1018, (1016 of 1042)
Generation	1019	LOAD GENERATION, LOAD #1019, (1017 of 1042)
Generation	1020	LOAD GENERATION, LOAD #1020, (1018 of 1042)
Generation	1021	LOAD GENERATION, LOAD #1021, (1019 of 1042)
Generation	1022	LOAD GENERATION, LOAD #1022, (1020 of 1042)
Generation	1023	LOAD GENERATION, LOAD #1023, (1021 of 1042)
Generation	1024	LOAD GENERATION, LOAD #1024, (1022 of 1042)
Generation	1025	LOAD GENERATION, LOAD #1025, (1023 of 1042)
Generation	1026	LOAD GENERATION, LOAD #1026, (1024 of 1042)
Generation	1027	LOAD GENERATION, LOAD #1027, (1025 of 1042)
Generation	1028	LOAD GENERATION, LOAD #1028, (1026 of 1042)
Generation	1029	LOAD GENERATION, LOAD #1029, (1027 of 1042)
Generation	1030	LOAD GENERATION, LOAD #1030, (1028 of 1042)
Generation	1031	LOAD GENERATION, LOAD #1031, (1029 of 1042)
Generation	1032	LOAD GENERATION, LOAD #1032, (1030 of 1042)
Generation	1033	LOAD GENERATION, LOAD #1033, (1031 of 1042)
Generation	1034	LOAD GENERATION, LOAD #1034, (1032 of 1042)
Generation	1035	LOAD GENERATION, LOAD #1035, (1033 of 1042)
Generation	1036	LOAD GENERATION, LOAD #1036, (1034 of 1042)
Generation	1037	LOAD GENERATION, LOAD #1037, (1035 of 1042)
Generation	1038	LOAD GENERATION, LOAD #1038, (1036 of 1042)
Generation	1039	LOAD GENERATION, LOAD #1039, (1037 of 1042)
Generation	1040	LOAD GENERATION, LOAD #1040, (1038 of 1042)
Generation	1041	LOAD GENERATION, LOAD #1041, (1039 of 1042)
Generation	1042	LOAD GENERATION, LOAD #1042, (1040 of 1042)



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

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Job Information Cont...

Type	L/C	Name
Generation	1042	LOAD GENERATION, LOAD #1042, (104C
Generation	1043	LOAD GENERATION, LOAD #1043, (1041
Generation	1044	LOAD GENERATION, LOAD #1044, (1042
Generation	1045	LOAD GENERATION, LOAD #1045, (1043
Generation	1046	LOAD GENERATION, LOAD #1046, (1044
Generation	1047	LOAD GENERATION, LOAD #1047, (1045
Generation	1048	LOAD GENERATION, LOAD #1048, (1046
Generation	1049	LOAD GENERATION, LOAD #1049, (1047
Generation	1050	LOAD GENERATION, LOAD #1050, (1048
Generation	1051	LOAD GENERATION, LOAD #1051, (1049
Generation	1052	LOAD GENERATION, LOAD #1052, (105C
Generation	1053	LOAD GENERATION, LOAD #1053, (1051
Generation	1054	LOAD GENERATION, LOAD #1054, (1052
Generation	1055	LOAD GENERATION, LOAD #1055, (1053
Generation	1056	LOAD GENERATION, LOAD #1056, (1054
Generation	1057	LOAD GENERATION, LOAD #1057, (1055
Generation	1058	LOAD GENERATION, LOAD #1058, (1056
Generation	1059	LOAD GENERATION, LOAD #1059, (1057
Generation	1060	LOAD GENERATION, LOAD #1060, (1058
Generation	1061	LOAD GENERATION, LOAD #1061, (1059
Generation	1062	LOAD GENERATION, LOAD #1062, (106C
Generation	1063	LOAD GENERATION, LOAD #1063, (1061
Generation	1064	LOAD GENERATION, LOAD #1064, (1062
Generation	1065	LOAD GENERATION, LOAD #1065, (1063
Generation	1066	LOAD GENERATION, LOAD #1066, (1064
Generation	1067	LOAD GENERATION, LOAD #1067, (1065
Generation	1068	LOAD GENERATION, LOAD #1068, (1066
Generation	1069	LOAD GENERATION, LOAD #1069, (1067
Generation	1070	LOAD GENERATION, LOAD #1070, (1068
Generation	1071	LOAD GENERATION, LOAD #1071, (1069
Generation	1072	LOAD GENERATION, LOAD #1072, (107C
Generation	1073	LOAD GENERATION, LOAD #1073, (1071
Generation	1074	LOAD GENERATION, LOAD #1074, (1072
Generation	1075	LOAD GENERATION, LOAD #1075, (1073
Generation	1076	LOAD GENERATION, LOAD #1076, (1074
Generation	1077	LOAD GENERATION, LOAD #1077, (1075
Generation	1078	LOAD GENERATION, LOAD #1078, (1076
Generation	1079	LOAD GENERATION, LOAD #1079, (1077
Generation	1080	LOAD GENERATION, LOAD #1080, (1078
Generation	1081	LOAD GENERATION, LOAD #1081, (1079
Generation	1082	LOAD GENERATION, LOAD #1082, (108C
Generation	1083	LOAD GENERATION, LOAD #1083, (1081
Generation	1084	LOAD GENERATION, LOAD #1084, (1082
Generation	1085	LOAD GENERATION, LOAD #1085, (1083
Generation	1086	LOAD GENERATION, LOAD #1086, (1084
Generation	1087	LOAD GENERATION, LOAD #1087, (1085
Generation	1088	LOAD GENERATION, LOAD #1088, (1086
Generation	1089	LOAD GENERATION, LOAD #1089, (1087
Generation	1090	LOAD GENERATION, LOAD #1090, (1088



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Job Information Cont...

Type	L/C	Name
Generation	1090	LOAD GENERATION, LOAD #1090, (1088
Generation	1091	LOAD GENERATION, LOAD #1091, (1088
Generation	1092	LOAD GENERATION, LOAD #1092, (1090
Generation	1093	LOAD GENERATION, LOAD #1093, (1091
Generation	1094	LOAD GENERATION, LOAD #1094, (1092
Generation	1095	LOAD GENERATION, LOAD #1095, (1093
Generation	1096	LOAD GENERATION, LOAD #1096, (1094
Generation	1097	LOAD GENERATION, LOAD #1097, (1095
Generation	1098	LOAD GENERATION, LOAD #1098, (1096
Generation	1099	LOAD GENERATION, LOAD #1099, (1097
Generation	1100	LOAD GENERATION, LOAD #1100, (1098
Generation	1101	LOAD GENERATION, LOAD #1101, (1099
Generation	1102	LOAD GENERATION, LOAD #1102, (1100
Generation	1103	LOAD GENERATION, LOAD #1103, (1101
Generation	1104	LOAD GENERATION, LOAD #1104, (1102
Generation	1105	LOAD GENERATION, LOAD #1105, (1103
Generation	1106	LOAD GENERATION, LOAD #1106, (1104
Generation	1107	LOAD GENERATION, LOAD #1107, (1105
Generation	1108	LOAD GENERATION, LOAD #1108, (1106
Generation	1109	LOAD GENERATION, LOAD #1109, (1107
Generation	1110	LOAD GENERATION, LOAD #1110, (1108
Generation	1111	LOAD GENERATION, LOAD #1111, (1109
Generation	1112	LOAD GENERATION, LOAD #1112, (1110
Generation	1113	LOAD GENERATION, LOAD #1113, (1111
Generation	1114	LOAD GENERATION, LOAD #1114, (1112
Generation	1115	LOAD GENERATION, LOAD #1115, (1113
Generation	1116	LOAD GENERATION, LOAD #1116, (1114
Generation	1117	LOAD GENERATION, LOAD #1117, (1115
Generation	1118	LOAD GENERATION, LOAD #1118, (1116
Generation	1119	LOAD GENERATION, LOAD #1119, (1117
Generation	1120	LOAD GENERATION, LOAD #1120, (1118
Generation	1121	LOAD GENERATION, LOAD #1121, (1119
Generation	1122	LOAD GENERATION, LOAD #1122, (1120
Generation	1123	LOAD GENERATION, LOAD #1123, (1121
Generation	1124	LOAD GENERATION, LOAD #1124, (1122
Generation	1125	LOAD GENERATION, LOAD #1125, (1123
Generation	1126	LOAD GENERATION, LOAD #1126, (1124
Generation	1127	LOAD GENERATION, LOAD #1127, (1125
Generation	1128	LOAD GENERATION, LOAD #1128, (1126
Generation	1129	LOAD GENERATION, LOAD #1129, (1127
Generation	1130	LOAD GENERATION, LOAD #1130, (1128
Generation	1131	LOAD GENERATION, LOAD #1131, (1129
Generation	1132	LOAD GENERATION, LOAD #1132, (1130
Generation	1133	LOAD GENERATION, LOAD #1133, (1131
Generation	1134	LOAD GENERATION, LOAD #1134, (1132
Generation	1135	LOAD GENERATION, LOAD #1135, (1133
Generation	1136	LOAD GENERATION, LOAD #1136, (1134
Generation	1137	LOAD GENERATION, LOAD #1137, (1135
Generation	1138	LOAD GENERATION, LOAD #1138, (1136



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Job Information Cont...

Type	L/C	Name
Generation	1138	LOAD GENERATION, LOAD #1138, (1136
Generation	1139	LOAD GENERATION, LOAD #1139, (1137
Generation	1140	LOAD GENERATION, LOAD #1140, (1138
Generation	1141	LOAD GENERATION, LOAD #1141, (1139
Generation	1142	LOAD GENERATION, LOAD #1142, (1140
Generation	1143	LOAD GENERATION, LOAD #1143, (1141
Generation	1144	LOAD GENERATION, LOAD #1144, (1142
Generation	1145	LOAD GENERATION, LOAD #1145, (1143
Generation	1146	LOAD GENERATION, LOAD #1146, (1144
Generation	1147	LOAD GENERATION, LOAD #1147, (1145
Generation	1148	LOAD GENERATION, LOAD #1148, (1146
Generation	1149	LOAD GENERATION, LOAD #1149, (1147
Generation	1150	LOAD GENERATION, LOAD #1150, (1148
Generation	1151	LOAD GENERATION, LOAD #1151, (1149
Generation	1152	LOAD GENERATION, LOAD #1152, (1150
Generation	1153	LOAD GENERATION, LOAD #1153, (1151
Generation	1154	LOAD GENERATION, LOAD #1154, (1152
Generation	1155	LOAD GENERATION, LOAD #1155, (1153
Generation	1156	LOAD GENERATION, LOAD #1156, (1154
Generation	1157	LOAD GENERATION, LOAD #1157, (1155
Generation	1158	LOAD GENERATION, LOAD #1158, (1156
Generation	1159	LOAD GENERATION, LOAD #1159, (1157
Generation	1160	LOAD GENERATION, LOAD #1160, (1158
Generation	1161	LOAD GENERATION, LOAD #1161, (1159
Generation	1162	LOAD GENERATION, LOAD #1162, (1160
Generation	1163	LOAD GENERATION, LOAD #1163, (1161
Generation	1164	LOAD GENERATION, LOAD #1164, (1162
Generation	1165	LOAD GENERATION, LOAD #1165, (1163
Generation	1166	LOAD GENERATION, LOAD #1166, (1164
Generation	1167	LOAD GENERATION, LOAD #1167, (1165
Generation	1168	LOAD GENERATION, LOAD #1168, (1166
Generation	1169	LOAD GENERATION, LOAD #1169, (1167
Generation	1170	LOAD GENERATION, LOAD #1170, (1168
Generation	1171	LOAD GENERATION, LOAD #1171, (1169
Generation	1172	LOAD GENERATION, LOAD #1172, (1170
Generation	1173	LOAD GENERATION, LOAD #1173, (1171
Generation	1174	LOAD GENERATION, LOAD #1174, (1172
Generation	1175	LOAD GENERATION, LOAD #1175, (1173
Generation	1176	LOAD GENERATION, LOAD #1176, (1174
Generation	1177	LOAD GENERATION, LOAD #1177, (1175
Generation	1178	LOAD GENERATION, LOAD #1178, (1176
Generation	1179	LOAD GENERATION, LOAD #1179, (1177
Generation	1180	LOAD GENERATION, LOAD #1180, (1178
Generation	1181	LOAD GENERATION, LOAD #1181, (1179
Generation	1182	LOAD GENERATION, LOAD #1182, (1180
Generation	1183	LOAD GENERATION, LOAD #1183, (1181
Generation	1184	LOAD GENERATION, LOAD #1184, (1182
Generation	1185	LOAD GENERATION, LOAD #1185, (1183
Generation	1186	LOAD GENERATION, LOAD #1186, (1184



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Job Information Cont...

Type	L/C	Name
Generation	1186	LOAD GENERATION, LOAD #1186, (1184
Generation	1187	LOAD GENERATION, LOAD #1187, (1185
Generation	1188	LOAD GENERATION, LOAD #1188, (1186
Generation	1189	LOAD GENERATION, LOAD #1189, (1187
Generation	1190	LOAD GENERATION, LOAD #1190, (1188
Generation	1191	LOAD GENERATION, LOAD #1191, (1189
Generation	1192	LOAD GENERATION, LOAD #1192, (1190
Generation	1193	LOAD GENERATION, LOAD #1193, (1191
Generation	1194	LOAD GENERATION, LOAD #1194, (1192
Generation	1195	LOAD GENERATION, LOAD #1195, (1193
Generation	1196	LOAD GENERATION, LOAD #1196, (1194
Generation	1197	LOAD GENERATION, LOAD #1197, (1195
Generation	1198	LOAD GENERATION, LOAD #1198, (1196
Generation	1199	LOAD GENERATION, LOAD #1199, (1197
Generation	1200	LOAD GENERATION, LOAD #1200, (1198
Generation	1201	LOAD GENERATION, LOAD #1201, (1199
Generation	1202	LOAD GENERATION, LOAD #1202, (1200
Generation	1203	LOAD GENERATION, LOAD #1203, (1201
Generation	1204	LOAD GENERATION, LOAD #1204, (1202
Generation	1205	LOAD GENERATION, LOAD #1205, (1203
Generation	1206	LOAD GENERATION, LOAD #1206, (1204
Generation	1207	LOAD GENERATION, LOAD #1207, (1205
Generation	1208	LOAD GENERATION, LOAD #1208, (1206
Generation	1209	LOAD GENERATION, LOAD #1209, (1207
Generation	1210	LOAD GENERATION, LOAD #1210, (1208
Generation	1211	LOAD GENERATION, LOAD #1211, (1209
Generation	1212	LOAD GENERATION, LOAD #1212, (1210
Generation	1213	LOAD GENERATION, LOAD #1213, (1211
Generation	1214	LOAD GENERATION, LOAD #1214, (1212
Generation	1215	LOAD GENERATION, LOAD #1215, (1213
Generation	1216	LOAD GENERATION, LOAD #1216, (1214
Generation	1217	LOAD GENERATION, LOAD #1217, (1215
Generation	1218	LOAD GENERATION, LOAD #1218, (1216
Generation	1219	LOAD GENERATION, LOAD #1219, (1217
Generation	1220	LOAD GENERATION, LOAD #1220, (1218
Generation	1221	LOAD GENERATION, LOAD #1221, (1219
Generation	1222	LOAD GENERATION, LOAD #1222, (1220
Generation	1223	LOAD GENERATION, LOAD #1223, (1221
Generation	1224	LOAD GENERATION, LOAD #1224, (1222
Generation	1225	LOAD GENERATION, LOAD #1225, (1223
Generation	1226	LOAD GENERATION, LOAD #1226, (1224
Generation	1227	LOAD GENERATION, LOAD #1227, (1225
Generation	1228	LOAD GENERATION, LOAD #1228, (1226
Generation	1229	LOAD GENERATION, LOAD #1229, (1227
Generation	1230	LOAD GENERATION, LOAD #1230, (1228
Generation	1231	LOAD GENERATION, LOAD #1231, (1229
Generation	1232	LOAD GENERATION, LOAD #1232, (1230
Generation	1233	LOAD GENERATION, LOAD #1233, (1231
Generation	1234	LOAD GENERATION, LOAD #1234, (1232



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Job No

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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Job Information Cont...

Type	L/C	Name
Generation	1234	LOAD GENERATION, LOAD #1234, (1232
Generation	1235	LOAD GENERATION, LOAD #1235, (1233
Generation	1236	LOAD GENERATION, LOAD #1236, (1234
Generation	1237	LOAD GENERATION, LOAD #1237, (1235
Generation	1238	LOAD GENERATION, LOAD #1238, (1236
Generation	1239	LOAD GENERATION, LOAD #1239, (1237
Generation	1240	LOAD GENERATION, LOAD #1240, (1238
Generation	1241	LOAD GENERATION, LOAD #1241, (1239
Generation	1242	LOAD GENERATION, LOAD #1242, (1240
Generation	1243	LOAD GENERATION, LOAD #1243, (1241
Generation	1244	LOAD GENERATION, LOAD #1244, (1242
Generation	1245	LOAD GENERATION, LOAD #1245, (1243
Generation	1246	LOAD GENERATION, LOAD #1246, (1244
Generation	1247	LOAD GENERATION, LOAD #1247, (1245
Generation	1248	LOAD GENERATION, LOAD #1248, (1246
Generation	1249	LOAD GENERATION, LOAD #1249, (1247
Generation	1250	LOAD GENERATION, LOAD #1250, (1248
Generation	1251	LOAD GENERATION, LOAD #1251, (1249
Generation	1252	LOAD GENERATION, LOAD #1252, (1250
Generation	1253	LOAD GENERATION, LOAD #1253, (1251
Generation	1254	LOAD GENERATION, LOAD #1254, (1252
Generation	1255	LOAD GENERATION, LOAD #1255, (1253
Generation	1256	LOAD GENERATION, LOAD #1256, (1254
Generation	1257	LOAD GENERATION, LOAD #1257, (1255
Generation	1258	LOAD GENERATION, LOAD #1258, (1256
Generation	1259	LOAD GENERATION, LOAD #1259, (1257
Generation	1260	LOAD GENERATION, LOAD #1260, (1258
Generation	1261	LOAD GENERATION, LOAD #1261, (1259
Generation	1262	LOAD GENERATION, LOAD #1262, (1260
Generation	1263	LOAD GENERATION, LOAD #1263, (1261
Generation	1264	LOAD GENERATION, LOAD #1264, (1262
Generation	1265	LOAD GENERATION, LOAD #1265, (1263
Generation	1266	LOAD GENERATION, LOAD #1266, (1264
Generation	1267	LOAD GENERATION, LOAD #1267, (1265
Generation	1268	LOAD GENERATION, LOAD #1268, (1266
Generation	1269	LOAD GENERATION, LOAD #1269, (1267
Generation	1270	LOAD GENERATION, LOAD #1270, (1268
Generation	1271	LOAD GENERATION, LOAD #1271, (1269
Generation	1272	LOAD GENERATION, LOAD #1272, (1270
Generation	1273	LOAD GENERATION, LOAD #1273, (1271
Generation	1274	LOAD GENERATION, LOAD #1274, (1272
Generation	1275	LOAD GENERATION, LOAD #1275, (1273
Generation	1276	LOAD GENERATION, LOAD #1276, (1274
Generation	1277	LOAD GENERATION, LOAD #1277, (1275
Generation	1278	LOAD GENERATION, LOAD #1278, (1276
Generation	1279	LOAD GENERATION, LOAD #1279, (1277
Generation	1280	LOAD GENERATION, LOAD #1280, (1278
Generation	1281	LOAD GENERATION, LOAD #1281, (1279
Generation	1282	LOAD GENERATION, LOAD #1282, (1280



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Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STD

Date/Time 07-Jul-2026 15:33

Job Information Cont...

Type	L/C	Name
Generation	1282	LOAD GENERATION, LOAD #1282, (1280
Generation	1283	LOAD GENERATION, LOAD #1283, (1281
Generation	1284	LOAD GENERATION, LOAD #1284, (1282
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Generation	1291	LOAD GENERATION, LOAD #1291, (1289
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Generation	1303	LOAD GENERATION, LOAD #1303, (1301
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Generation	1305	LOAD GENERATION, LOAD #1305, (1303
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Generation	1307	LOAD GENERATION, LOAD #1307, (1305
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Generation	1315	LOAD GENERATION, LOAD #1315, (1313
Generation	1316	LOAD GENERATION, LOAD #1316, (1314
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Generation	1322	LOAD GENERATION, LOAD #1322, (1320
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Generation	1324	LOAD GENERATION, LOAD #1324, (1322
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Generation	1329	LOAD GENERATION, LOAD #1329, (1327
Generation	1330	LOAD GENERATION, LOAD #1330, (1328



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STD

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Job Information Cont...

Type	L/C	Name
Generation	1330	LOAD GENERATION, LOAD #1330, (132E
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Generation	1332	LOAD GENERATION, LOAD #1332, (133C
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Generation	1336	LOAD GENERATION, LOAD #1336, (1334
Generation	1337	LOAD GENERATION, LOAD #1337, (1335
Generation	1338	LOAD GENERATION, LOAD #1338, (133E
Generation	1339	LOAD GENERATION, LOAD #1339, (1337
Generation	1340	LOAD GENERATION, LOAD #1340, (133E
Generation	1341	LOAD GENERATION, LOAD #1341, (133E
Generation	1342	LOAD GENERATION, LOAD #1342, (134C
Generation	1343	LOAD GENERATION, LOAD #1343, (1341
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Generation	1345	LOAD GENERATION, LOAD #1345, (1343
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Generation	1349	LOAD GENERATION, LOAD #1349, (1347
Generation	1350	LOAD GENERATION, LOAD #1350, (134E
Generation	1351	LOAD GENERATION, LOAD #1351, (134E
Generation	1352	LOAD GENERATION, LOAD #1352, (135C
Generation	1353	LOAD GENERATION, LOAD #1353, (1351
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Generation	1359	LOAD GENERATION, LOAD #1359, (1357
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Generation	1361	LOAD GENERATION, LOAD #1361, (135E
Generation	1362	LOAD GENERATION, LOAD #1362, (136C
Generation	1363	LOAD GENERATION, LOAD #1363, (1361
Generation	1364	LOAD GENERATION, LOAD #1364, (1362
Generation	1365	LOAD GENERATION, LOAD #1365, (1363
Generation	1366	LOAD GENERATION, LOAD #1366, (1364
Generation	1367	LOAD GENERATION, LOAD #1367, (136E
Generation	1368	LOAD GENERATION, LOAD #1368, (136E
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Generation	1370	LOAD GENERATION, LOAD #1370, (136E
Generation	1371	LOAD GENERATION, LOAD #1371, (136E
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Generation	1377	LOAD GENERATION, LOAD #1377, (137E
Generation	1378	LOAD GENERATION, LOAD #1378, (137E

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Job Information Cont...

Type	L/C	Name
Generation	1378	LOAD GENERATION, LOAD #1378, (1378)
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Generation	1391	LOAD GENERATION, LOAD #1391, (1389)
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Generation	1393	LOAD GENERATION, LOAD #1393, (1391)
Generation	1394	LOAD GENERATION, LOAD #1394, (1392)
Generation	1395	LOAD GENERATION, LOAD #1395, (1393)
Generation	1396	LOAD GENERATION, LOAD #1396, (1394)

Node Displacement Summary

	Node	L/C	X (m)	Y (m)	Z (m)	Resultant (m)	rX (rad)	rY (rad)	rZ (rad)
Max X	829	1344:LOAD GE	0.048	-0.016	0.006	0.051	0.00205	0.00281	-0.00481
Min X	830	1344:LOAD GE	-0.045	-0.020	0.008	0.050	0.00292	-0.00272	0.00412
Max Y	804	1288:LOAD GE	-0.018	0.027	-0.020	0.038	-0.00603	0.00000	0.00278
Min Y	830	1393:LOAD GE	-0.033	-0.045	0.025649	0.061	0.00808	-0.00220	0.00262
Max Z	770	1393:LOAD GE	-0.021	-0.000	0.029	0.036	0.00828	-0.00788	0.00253
Min Z	770	1288:LOAD GE	-0.01843	-0.000	-0.024	0.031	-0.00591	0.00492	0.00262
Max rX	834	1393:LOAD GE	-0.027	-0.023	0.026	0.044	0.00876	-0.00220	0.00262
Min rX	825	1205:LOAD GE	-0.021	-0.003	-0.011	0.024	-0.02477	0.00402	0.00283
Max rY	749	1393:LOAD GE	0.005	-0.002	-0.015	0.016	-0.00042	0.01014	-0.00182
Min rY	764	1393:LOAD GE	-0.010	-0.002	-0.013	0.017	0.00643	-0.00901	0.00216
Max rZ	804	1344:LOAD GE	-0.044	-0.020	0.007	0.048	0.00257	-0.00272	0.00412
Min rZ	744	1344:LOAD GE	0.032	-0.005	0.005	0.032	0.00215	0.00065	-0.00481
Max Rst	830	1393:LOAD GE	-0.033	-0.045	0.025649	0.061	0.00808	-0.00220	0.00262

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Beam Displacement Detail Summary

Displacements shown in *italic* indicate the presence of an offset

	Beam	L/C	d (m)	X (m)	Y (m)	Z (m)	Resultant (m)
Max X	1536	1344:LOAD GE	0.450	0.048	-0.016	0.006	0.051
Min X	1541	1344:LOAD GE	0.450	-0.045	-0.020	0.008	0.050
Max Y	1475	1288:LOAD GE	0	-0.018	0.027	-0.020	0.038
Min Y	1488	192:LOAD GE	5.000	-0.019	-0.087	-0.011	0.089
Max Z	1358	1393:LOAD GE	0.908	-0.021	-0.000	0.029	0.036
Min Z	1358	1288:LOAD GE	0.908	-0.018	-0.000	-0.024	0.031
Max Rst	1487	92:LOAD GEN	5.000	-0.019	-0.087	-0.011	0.089

Beam End Displacement Summary

Displacements shown in *italic* indicate the presence of an offset

	Beam	Node	L/C	X (m)	Y (m)	Z (m)	Resultant (m)
Max X	1536	829	1344:LOAD GE	0.048	-0.016	0.006	0.051
Min X	1541	830	1344:LOAD GE	-0.045	-0.020	0.008	0.050
Max Y	1475	804	1288:LOAD GE	-0.018	0.027	-0.020	0.038
Min Y	1541	830	1393:LOAD GE	-0.033	-0.045	0.025648	0.061
Max Z	1358	770	1393:LOAD GE	-0.021	-0.000	0.029	0.036
Min Z	1358	770	1288:LOAD GE	-0.018	-0.000	-0.024	0.031
Max Rst	1541	830	1393:LOAD GE	-0.033	-0.045	0.025648	0.061

Beam End Force Summary

The signs of the forces at end B of each beam have been reversed. For example: this means that the Min Fx entry gives the largest tension value for an beam.

	Beam	Node	L/C	Axial	Shear		Torsion	Bending	
				Fx (kN)	Fy (kN)	Fz (kN)	Mx (kN·m)	My (kN·m)	Mz (kN·m)
Max Fx	1530	827	1315:LOAD GE	1.27E+3	-0.03051	261E+0	-0.30510	-121E+0	-0.00000
Min Fx	1451	784	1289:LOAD GE	-433E+0	0	0	0	0	0
Max Fy	1534	827	1326:LOAD GE	-217E+0	653E+0	-0.00000	-0.00000	0.00000	919E+0
Min Fy	1532	827	1312:LOAD GE	69.3E+0	-784E+0	0.027077	0.00000	0.27077	1.06E+3
Max Fz	1530	827	1290:LOAD GE	1.13E+3	0.00179	297E+0	0.01790	-132E+0	-0.00000
Min Fz	1298	739	1393:LOAD GE	5.72007	0.04804	-37.7E+0	0.07177	183E+0	4.15717
Max Mx	1531	828	1304:LOAD GE	1.21E+3	0.12934	265E+0	1.29335	-119E+0	-0.00000
Min Mx	1531	828	1393:LOAD GE	517E+0	-0.13980	85.1E+0	-1.39802	-46.5E+0	-0.00000
Max My	1296	737	1393:LOAD GE	10.5E+0	2.00377	-0.38289	0.04369	282E+0	7.55279
Min My	1516	797	705:LOAD GE	807E+0	0.00000	31.3E+0	0	-292E+0	0.00000
Max Mz	1532	827	1306:LOAD GE	80.8E+0	-719E+0	0.019549	0.00000	0.19549	1.08E+3
Min Mz	1342	805	1393:LOAD GE	851E+0	168E+0	0.09577	0.11696	-0.94587	-650E+0



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Beam Force Detail Summary

Sign convention as diagrams:- positive above line, negative below line except Fx where positive is compression. Distance d is given from beam end A.

	Beam	L/C	d (m)	Axial	Shear		Torsion	Bending	
				Fx (kN)	Fy (kN)	Fz (kN)	Mx (kN·m)	My (kN·m)	Mz (kN·m)
Max Fx	1530	1315:LOAD GE	0	1.27E+3	-0.03051	261E+0	-0.30510	-121E+0	-0.00000
Min Fx	1451	1289:LOAD GE	0	-433E+0	0	0	0	0	0
Max Fy	1534	1326:LOAD GE	0	-217E+0	653E+0	-0.00000	-0.00000	0.00000	919E+0
Min Fy	1532	1312:LOAD GE	10.000	69.3E+0	-784E+0	0.027077	0.00000	0.27077	1.06E+3
Max Fz	1530	1290:LOAD GE	0	1.13E+3	0.00179	297E+0	0.01790	-132E+0	-0.00000
Min Fz	1298	1393:LOAD GE	0	5.72007	0.04804	-37.7E+0	0.07177	183E+0	4.15717
Max Mx	1531	1304:LOAD GE	0	1.21E+3	0.12934	265E+0	1.29335	-119E+0	-0.00000
Min Mx	1531	1393:LOAD GE	0	517E+0	-0.13980	85.1E+0	-1.39802	-46.5E+0	-0.00000
Max My	1296	1393:LOAD GE	0	10.5E+0	2.00377	-0.38289	0.04369	282E+0	7.55279
Min My	1516	705:LOAD GE	0	807E+0	0.00000	31.3E+0	0	-292E+0	0.00000
Max Mz	1532	1306:LOAD GE	10.000	80.8E+0	-719E+0	0.019549	0.00000	0.19549	1.08E+3
Min Mz	1498	1194:LOAD GE	5.000	25.1E+0	4.62901	-0.00000	0	-0.00000	-1.41E+3

Reaction Summary

	Node	L/C	Horizontal	Vertical	Horizontal	Moment		
			FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
Max FX	768	1362:LOAD GE	0.54079	107E+0	0.76215	41.8E+0	0.01800	-96.5E+0
Min FX	755	1344:LOAD GE	-0.51373	1.12E+3	69E+0	204E+0	0.028542	-2.63730
Max FY	742	1344:LOAD GE	-0.31066	1.22E+3	71.6E+0	165E+0	-0.06940	1.89753
Min FY	729	1194:LOAD GE	-0.02474	-0.27258	0.66579	22.4E+0	-0.00057	0.43598
Max FZ	742	1393:LOAD GE	-0.22516	881E+0	165E+0	378E+0	-0.15879	1.37063
Min FZ	742	1290:LOAD GE	-0.19340	721E+0	-93.8E+0	-206E+0	0.09020	1.12930
Max MX	755	1393:LOAD GE	-0.36237	816E+0	158E+0	462E+0	0.06316	-1.93134
Min MX	755	1290:LOAD GE	-0.30920	651E+0	-88.6E+0	-246E+0	-0.03544	-1.52499
Max MY	742	1289:LOAD GE	-0.19086	709E+0	-93.8E+0	-206E+0	0.09021	1.11233
Min MY	742	1393:LOAD GE	-0.22516	881E+0	165E+0	378E+0	-0.15879	1.37063
Max MZ	729	1344:LOAD GE	0.36389	10.5E+0	-0.48502	55.2E+0	-0.01807	7.06336
Min MZ	768	1344:LOAD GE	0.52723	115E+0	0.19109	26.6E+0	0.01163	-103E+0



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
2	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
3	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
4	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
5	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
6	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
7	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
8	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
9	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
10	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
11	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
12	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
13	Taper	N/A						0.01512	0.001	0.000	0.000
14	Taper	N/A						0.01512	0.001	0.000	0.000
15	Taper	N/A						0.01512	0.001	0.000	0.000
16	Taper	N/A						0.01512	0.001	0.000	0.000
17	Taper	N/A						0.01512	0.001	0.000	0.000
18	Taper	N/A						0.01512	0.001	0.000	0.000
19	Taper	N/A						0.01512	0.001	0.000	0.000
20	Taper	N/A						0.01512	0.001	0.000	0.000
21	Taper	N/A						0.01512	0.001	0.000	0.000
22	Taper	N/A						0.01512	0.001	0.000	0.000
23	Taper	N/A						0.01512	0.001	0.000	0.000
24	Taper	N/A						0.01512	0.001	0.000	0.000
25	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
26	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
27	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
28	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
29	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
30	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
31	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
32	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
33	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
34	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
35	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
36	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
37	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
38	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
39	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
40	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
41	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
42	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
43	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
44	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
45	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
46	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
47	Taper	N/A						0.01512	0.001	0.000	0.000
48	Taper	N/A						0.01512	0.001	0.000	0.000
49	Taper	N/A						0.01512	0.001	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
50	Taper	N/A						0.01512	0.001	0.000	0.000
51	Taper	N/A						0.01512	0.001	0.000	0.000
52	Taper	N/A						0.01512	0.001	0.000	0.000
53	Taper	N/A						0.01512	0.001	0.000	0.000
54	Taper	N/A						0.01512	0.001	0.000	0.000
55	Taper	N/A						0.01512	0.001	0.000	0.000
56	Taper	N/A						0.01512	0.001	0.000	0.000
57	Taper	N/A						0.01512	0.001	0.000	0.000
58	Taper	N/A						0.01512	0.001	0.000	0.000
59	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
60	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
61	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
62	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
63	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
64	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
65	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
66	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
67	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
68	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
69	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
70	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
71	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
72	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
73	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
74	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
75	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
76	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
77	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
78	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
79	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
80	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
81	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
82	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
83	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
84	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
85	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
86	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
87	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
88	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
89	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
90	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
91	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
92	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
93	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
94	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
95	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
96	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
97	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
98	ISM300 FF	N/A						0.00926	0.000	0.001	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
99	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
100	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
101	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
102	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
103	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
104	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
105	Taper	N/A						0.01512	0.001	0.000	0.000
106	Taper	N/A						0.01512	0.001	0.000	0.000
107	Taper	N/A						0.01512	0.001	0.000	0.000
108	Taper	N/A						0.01512	0.001	0.000	0.000
109	Taper	N/A						0.01512	0.001	0.000	0.000
110	Taper	N/A						0.01512	0.001	0.000	0.000
111	Taper	N/A						0.01512	0.001	0.000	0.000
112	Taper	N/A						0.01512	0.001	0.000	0.000
113	Taper	N/A						0.01512	0.001	0.000	0.000
114	Taper	N/A						0.01512	0.001	0.000	0.000
115	Taper	N/A						0.01512	0.001	0.000	0.000
116	Taper	N/A						0.01512	0.001	0.000	0.000
117	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
118	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
119	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
120	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
121	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
122	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
123	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
124	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
125	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
126	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
127	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
128	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
129	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
130	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
131	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
132	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
133	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
134	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
135	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
136	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
137	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
138	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
139	Taper	N/A						0.01512	0.001	0.000	0.000
140	Taper	N/A						0.01512	0.001	0.000	0.000
141	Taper	N/A						0.01512	0.001	0.000	0.000
142	Taper	N/A						0.01512	0.001	0.000	0.000
143	Taper	N/A						0.01512	0.001	0.000	0.000
144	Taper	N/A						0.01512	0.001	0.000	0.000
145	Taper	N/A						0.01512	0.001	0.000	0.000
146	Taper	N/A						0.01512	0.001	0.000	0.000
147	Taper	N/A						0.01512	0.001	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
148	Taper	N/A						0.01512	0.001	0.000	0.000
149	Taper	N/A						0.01512	0.001	0.000	0.000
150	Taper	N/A						0.01512	0.001	0.000	0.000
151	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
152	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
153	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
154	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
155	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
156	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
157	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
158	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
159	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
160	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
161	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
162	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
163	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
164	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
165	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
166	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
167	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
168	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
169	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
170	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
171	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
172	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
173	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
174	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
175	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
176	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
177	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
178	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
179	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
180	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
181	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
182	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
183	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
184	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
185	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
186	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
187	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
188	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
189	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
190	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
191	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
192	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
193	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
194	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
195	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
196	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
197	Taper	N/A						0.01512	0.001	0.000	0.000
198	Taper	N/A						0.01512	0.001	0.000	0.000
199	Taper	N/A						0.01512	0.001	0.000	0.000
200	Taper	N/A						0.01512	0.001	0.000	0.000
201	Taper	N/A						0.01512	0.001	0.000	0.000
202	Taper	N/A						0.01512	0.001	0.000	0.000
203	Taper	N/A						0.01512	0.001	0.000	0.000
204	Taper	N/A						0.01512	0.001	0.000	0.000
205	Taper	N/A						0.01512	0.001	0.000	0.000
206	Taper	N/A						0.01512	0.001	0.000	0.000
207	Taper	N/A						0.01512	0.001	0.000	0.000
208	Taper	N/A						0.01512	0.001	0.000	0.000
209	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
210	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
211	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
212	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
213	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
214	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
215	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
216	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
217	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
218	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
219	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
220	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
221	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
222	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
223	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
224	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
225	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
226	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
227	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
228	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
229	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
230	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
231	Taper	N/A						0.01512	0.001	0.000	0.000
232	Taper	N/A						0.01512	0.001	0.000	0.000
233	Taper	N/A						0.01512	0.001	0.000	0.000
234	Taper	N/A						0.01512	0.001	0.000	0.000
235	Taper	N/A						0.01512	0.001	0.000	0.000
236	Taper	N/A						0.01512	0.001	0.000	0.000
237	Taper	N/A						0.01512	0.001	0.000	0.000
238	Taper	N/A						0.01512	0.001	0.000	0.000
239	Taper	N/A						0.01512	0.001	0.000	0.000
240	Taper	N/A						0.01512	0.001	0.000	0.000
241	Taper	N/A						0.01512	0.001	0.000	0.000
242	Taper	N/A						0.01512	0.001	0.000	0.000
243	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
244	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
245	ISM300 FF	N/A						0.00926	0.000	0.001	0.000



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
246	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
247	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
248	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
249	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
250	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
251	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
252	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
253	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
254	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
255	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
256	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
257	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
258	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
259	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
260	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
261	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
262	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
263	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
264	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
265	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
266	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
267	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
268	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
269	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
270	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
271	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
272	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
273	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
274	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
275	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
276	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
277	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
278	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
279	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
280	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
281	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
282	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
283	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
284	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
285	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
286	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
287	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
288	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
289	Taper	N/A						0.01512	0.001	0.000	0.000
290	Taper	N/A						0.01512	0.001	0.000	0.000
291	Taper	N/A						0.01512	0.001	0.000	0.000
292	Taper	N/A						0.01512	0.001	0.000	0.000
293	Taper	N/A						0.01512	0.001	0.000	0.000
294	Taper	N/A						0.01512	0.001	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
295	Taper	N/A						0.01512	0.001	0.000	0.000
296	Taper	N/A						0.01512	0.001	0.000	0.000
297	Taper	N/A						0.01512	0.001	0.000	0.000
298	Taper	N/A						0.01512	0.001	0.000	0.000
299	Taper	N/A						0.01512	0.001	0.000	0.000
300	Taper	N/A						0.01512	0.001	0.000	0.000
301	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
302	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
303	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
304	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
305	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
306	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
307	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
308	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
309	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
310	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
311	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
312	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
313	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
314	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
315	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
316	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
317	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
318	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
319	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
320	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
321	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
322	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
323	Taper	N/A						0.01512	0.001	0.000	0.000
324	Taper	N/A						0.01512	0.001	0.000	0.000
325	Taper	N/A						0.01512	0.001	0.000	0.000
326	Taper	N/A						0.01512	0.001	0.000	0.000
327	Taper	N/A						0.01512	0.001	0.000	0.000
328	Taper	N/A						0.01512	0.001	0.000	0.000
329	Taper	N/A						0.01512	0.001	0.000	0.000
330	Taper	N/A						0.01512	0.001	0.000	0.000
331	Taper	N/A						0.01512	0.001	0.000	0.000
332	Taper	N/A						0.01512	0.001	0.000	0.000
333	Taper	N/A						0.01512	0.001	0.000	0.000
334	Taper	N/A						0.01512	0.001	0.000	0.000
335	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
336	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
337	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
338	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
339	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
340	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
341	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
342	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
343	ISM300 FF	N/A						0.00926	0.000	0.001	0.000



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
344	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
345	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
346	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
347	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
348	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
349	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
350	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
351	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
352	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
353	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
354	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
355	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
356	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
357	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
358	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
359	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
360	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
361	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
362	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
363	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
364	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
365	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
366	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
367	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
368	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
369	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
370	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
371	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
372	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
373	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
374	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
375	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
376	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
377	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
378	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
379	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
380	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
381	Taper	N/A						0.01512	0.001	0.000	0.000
382	Taper	N/A						0.01512	0.001	0.000	0.000
383	Taper	N/A						0.01512	0.001	0.000	0.000
384	Taper	N/A						0.01512	0.001	0.000	0.000
385	Taper	N/A						0.01512	0.001	0.000	0.000
386	Taper	N/A						0.01512	0.001	0.000	0.000
387	Taper	N/A						0.01512	0.001	0.000	0.000
388	Taper	N/A						0.01512	0.001	0.000	0.000
389	Taper	N/A						0.01512	0.001	0.000	0.000
390	Taper	N/A						0.01512	0.001	0.000	0.000
391	Taper	N/A						0.01512	0.001	0.000	0.000
392	Taper	N/A						0.01512	0.001	0.000	0.000



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Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
393	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
394	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
395	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
396	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
397	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
398	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
399	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
400	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
401	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
402	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
403	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
404	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
405	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
406	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
407	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
408	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
409	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
410	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
411	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
412	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
413	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
414	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
415	Taper	N/A						0.01512	0.001	0.000	0.000
416	Taper	N/A						0.01512	0.001	0.000	0.000
417	Taper	N/A						0.01512	0.001	0.000	0.000
418	Taper	N/A						0.01512	0.001	0.000	0.000
419	Taper	N/A						0.01512	0.001	0.000	0.000
420	Taper	N/A						0.01512	0.001	0.000	0.000
421	Taper	N/A						0.01512	0.001	0.000	0.000
422	Taper	N/A						0.01512	0.001	0.000	0.000
423	Taper	N/A						0.01512	0.001	0.000	0.000
424	Taper	N/A						0.01512	0.001	0.000	0.000
425	Taper	N/A						0.01512	0.001	0.000	0.000
426	Taper	N/A						0.01512	0.001	0.000	0.000
427	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
428	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
429	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
430	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
431	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
432	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
433	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
434	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
435	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
436	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
437	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
438	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
439	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
440	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
441	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
442	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
443	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
444	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
445	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
446	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
447	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
448	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
449	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
450	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
451	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
452	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
453	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
454	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
455	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
456	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
457	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
458	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
459	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
460	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
461	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
462	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
463	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
464	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
465	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
466	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
467	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
468	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
469	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
470	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
471	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
472	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
473	Taper	N/A						0.01512	0.001	0.000	0.000
474	Taper	N/A						0.01512	0.001	0.000	0.000
475	Taper	N/A						0.01512	0.001	0.000	0.000
476	Taper	N/A						0.01512	0.001	0.000	0.000
477	Taper	N/A						0.01512	0.001	0.000	0.000
478	Taper	N/A						0.01512	0.001	0.000	0.000
479	Taper	N/A						0.01512	0.001	0.000	0.000
480	Taper	N/A						0.01512	0.001	0.000	0.000
481	Taper	N/A						0.01512	0.001	0.000	0.000
482	Taper	N/A						0.01512	0.001	0.000	0.000
483	Taper	N/A						0.01512	0.001	0.000	0.000
484	Taper	N/A						0.01512	0.001	0.000	0.000
485	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
486	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
487	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
488	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
489	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
490	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Date 20-Jun-26

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
491	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
492	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
493	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
494	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
495	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
496	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
497	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
498	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
499	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
500	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
501	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
502	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
503	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
504	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
505	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
506	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
507	Taper	N/A						0.01512	0.001	0.000	0.000
508	Taper	N/A						0.01512	0.001	0.000	0.000
509	Taper	N/A						0.01512	0.001	0.000	0.000
510	Taper	N/A						0.01512	0.001	0.000	0.000
511	Taper	N/A						0.01512	0.001	0.000	0.000
512	Taper	N/A						0.01512	0.001	0.000	0.000
513	Taper	N/A						0.01512	0.001	0.000	0.000
514	Taper	N/A						0.01512	0.001	0.000	0.000
515	Taper	N/A						0.01512	0.001	0.000	0.000
516	Taper	N/A						0.01512	0.001	0.000	0.000
517	Taper	N/A						0.01512	0.001	0.000	0.000
518	Taper	N/A						0.01512	0.001	0.000	0.000
519	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
520	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
521	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
522	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
523	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
524	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
525	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
526	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
527	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
528	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
529	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
530	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
531	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
532	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
533	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
534	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
535	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
536	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
537	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
538	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
539	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
540	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
541	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
542	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
543	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
544	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
545	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
546	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
547	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
548	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
549	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
550	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
551	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
552	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
553	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
554	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
555	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
556	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
557	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
558	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
559	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
560	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
561	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
562	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
563	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
564	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
565	Taper	N/A						0.01512	0.001	0.000	0.000
566	Taper	N/A						0.01512	0.001	0.000	0.000
567	Taper	N/A						0.01512	0.001	0.000	0.000
568	Taper	N/A						0.01512	0.001	0.000	0.000
569	Taper	N/A						0.01512	0.001	0.000	0.000
570	Taper	N/A						0.01512	0.001	0.000	0.000
571	Taper	N/A						0.01512	0.001	0.000	0.000
572	Taper	N/A						0.01512	0.001	0.000	0.000
573	Taper	N/A						0.01512	0.001	0.000	0.000
574	Taper	N/A						0.01512	0.001	0.000	0.000
575	Taper	N/A						0.01512	0.001	0.000	0.000
576	Taper	N/A						0.01512	0.001	0.000	0.000
577	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
578	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
579	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
580	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
581	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
582	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
583	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
584	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
585	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
586	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
587	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
588	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Ref

By ANJANA

Date 20-Jun-26

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File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
589	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
590	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
591	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
592	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
593	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
594	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
595	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
596	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
597	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
598	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
599	Taper	N/A						0.01512	0.001	0.000	0.000
600	Taper	N/A						0.01512	0.001	0.000	0.000
601	Taper	N/A						0.01512	0.001	0.000	0.000
602	Taper	N/A						0.01512	0.001	0.000	0.000
603	Taper	N/A						0.01512	0.001	0.000	0.000
604	Taper	N/A						0.01512	0.001	0.000	0.000
605	Taper	N/A						0.01512	0.001	0.000	0.000
606	Taper	N/A						0.01512	0.001	0.000	0.000
607	Taper	N/A						0.01512	0.001	0.000	0.000
608	Taper	N/A						0.01512	0.001	0.000	0.000
609	Taper	N/A						0.01512	0.001	0.000	0.000
610	Taper	N/A						0.01512	0.001	0.000	0.000
611	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
612	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
613	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
614	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
615	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
616	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
617	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
618	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
619	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
620	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
621	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
622	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
623	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
624	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
625	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
626	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
627	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
628	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
629	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
630	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
631	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
632	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
633	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
634	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
635	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
636	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
637	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
638	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
639	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
640	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
641	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
642	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
643	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
644	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
645	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
646	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
647	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
648	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
649	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
650	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
651	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
652	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
653	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
654	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
655	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
656	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
657	Taper	N/A						0.01512	0.001	0.000	0.000
658	Taper	N/A						0.01512	0.001	0.000	0.000
659	Taper	N/A						0.01512	0.001	0.000	0.000
660	Taper	N/A						0.01512	0.001	0.000	0.000
661	Taper	N/A						0.01512	0.001	0.000	0.000
662	Taper	N/A						0.01512	0.001	0.000	0.000
663	Taper	N/A						0.01512	0.001	0.000	0.000
664	Taper	N/A						0.01512	0.001	0.000	0.000
665	Taper	N/A						0.01512	0.001	0.000	0.000
666	Taper	N/A						0.01512	0.001	0.000	0.000
667	Taper	N/A						0.01512	0.001	0.000	0.000
668	Taper	N/A						0.01512	0.001	0.000	0.000
669	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
670	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
671	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
672	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
673	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
674	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
675	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
676	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
677	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
678	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
679	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
680	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
681	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
682	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
683	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
684	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
685	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
686	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
687	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
688	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
689	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
690	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
691	Taper	N/A						0.01512	0.001	0.000	0.000
692	Taper	N/A						0.01512	0.001	0.000	0.000
693	Taper	N/A						0.01512	0.001	0.000	0.000
694	Taper	N/A						0.01512	0.001	0.000	0.000
695	Taper	N/A						0.01512	0.001	0.000	0.000
696	Taper	N/A						0.01512	0.001	0.000	0.000
697	Taper	N/A						0.01512	0.001	0.000	0.000
698	Taper	N/A						0.01512	0.001	0.000	0.000
699	Taper	N/A						0.01512	0.001	0.000	0.000
700	Taper	N/A						0.01512	0.001	0.000	0.000
701	Taper	N/A						0.01512	0.001	0.000	0.000
702	Taper	N/A						0.01512	0.001	0.000	0.000
703	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
704	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
705	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
706	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
707	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
708	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
709	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
710	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
711	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
712	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
713	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
714	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
715	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
716	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
717	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
718	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
719	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
720	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
721	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
722	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
723	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
724	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
725	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
726	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
727	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
728	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
729	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
730	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
731	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
732	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
733	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
734	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
735	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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By ANJANA

Date 20-Jun-26

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
736	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
737	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
738	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
739	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
740	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
741	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
742	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
743	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
744	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
745	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
746	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
747	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
748	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
749	Taper	N/A						0.01512	0.001	0.000	0.000
750	Taper	N/A						0.01512	0.001	0.000	0.000
751	Taper	N/A						0.01512	0.001	0.000	0.000
752	Taper	N/A						0.01512	0.001	0.000	0.000
753	Taper	N/A						0.01512	0.001	0.000	0.000
754	Taper	N/A						0.01512	0.001	0.000	0.000
755	Taper	N/A						0.01512	0.001	0.000	0.000
756	Taper	N/A						0.01512	0.001	0.000	0.000
757	Taper	N/A						0.01512	0.001	0.000	0.000
758	Taper	N/A						0.01512	0.001	0.000	0.000
759	Taper	N/A						0.01512	0.001	0.000	0.000
760	Taper	N/A						0.01512	0.001	0.000	0.000
761	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
762	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
763	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
764	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
765	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
766	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
767	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
768	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
769	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
770	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
771	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
772	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
773	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
774	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
775	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
776	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
777	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
778	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
779	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
780	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
781	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
782	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
783	Taper	N/A						0.01512	0.001	0.000	0.000
784	Taper	N/A						0.01512	0.001	0.000	0.000



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Job No

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Sheet No

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Rev

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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
785	Taper	N/A						0.01512	0.001	0.000	0.000
786	Taper	N/A						0.01512	0.001	0.000	0.000
787	Taper	N/A						0.01512	0.001	0.000	0.000
788	Taper	N/A						0.01512	0.001	0.000	0.000
789	Taper	N/A						0.01512	0.001	0.000	0.000
790	Taper	N/A						0.01512	0.001	0.000	0.000
791	Taper	N/A						0.01512	0.001	0.000	0.000
792	Taper	N/A						0.01512	0.001	0.000	0.000
793	Taper	N/A						0.01512	0.001	0.000	0.000
794	Taper	N/A						0.01512	0.001	0.000	0.000
795	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
796	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
797	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
798	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
799	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
800	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
801	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
802	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
803	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
804	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
805	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
806	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
807	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
808	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
809	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
810	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
811	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
812	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
813	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
814	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
815	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
816	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
817	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
818	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
819	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
820	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
821	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
822	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
823	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
824	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
825	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
826	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
827	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
828	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
829	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
830	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
831	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
832	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
833	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
834	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
835	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
836	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
837	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
838	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
839	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
840	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
841	Taper	N/A						0.01512	0.001	0.000	0.000
842	Taper	N/A						0.01512	0.001	0.000	0.000
843	Taper	N/A						0.01512	0.001	0.000	0.000
844	Taper	N/A						0.01512	0.001	0.000	0.000
845	Taper	N/A						0.01512	0.001	0.000	0.000
846	Taper	N/A						0.01512	0.001	0.000	0.000
847	Taper	N/A						0.01512	0.001	0.000	0.000
848	Taper	N/A						0.01512	0.001	0.000	0.000
849	Taper	N/A						0.01512	0.001	0.000	0.000
850	Taper	N/A						0.01512	0.001	0.000	0.000
851	Taper	N/A						0.01512	0.001	0.000	0.000
852	Taper	N/A						0.01512	0.001	0.000	0.000
853	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
854	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
855	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
856	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
857	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
858	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
859	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
860	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
861	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
862	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
863	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
864	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
865	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
866	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
867	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
868	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
869	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
870	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
871	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
872	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
873	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
874	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
875	Taper	N/A						0.01512	0.001	0.000	0.000
876	Taper	N/A						0.01512	0.001	0.000	0.000
877	Taper	N/A						0.01512	0.001	0.000	0.000
878	Taper	N/A						0.01512	0.001	0.000	0.000
879	Taper	N/A						0.01512	0.001	0.000	0.000
880	Taper	N/A						0.01512	0.001	0.000	0.000
881	Taper	N/A						0.01512	0.001	0.000	0.000
882	Taper	N/A						0.01512	0.001	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
883	Taper	N/A						0.01512	0.001	0.000	0.000
884	Taper	N/A						0.01512	0.001	0.000	0.000
885	Taper	N/A						0.01512	0.001	0.000	0.000
886	Taper	N/A						0.01512	0.001	0.000	0.000
887	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
888	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
889	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
890	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
891	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
892	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
893	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
894	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
895	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
896	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
897	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
898	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
899	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
900	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
901	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
902	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
903	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
904	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
905	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
906	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
907	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
908	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
909	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
910	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
911	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
912	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
913	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
914	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
915	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
916	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
917	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
918	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
919	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
920	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
921	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
922	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
923	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
924	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
925	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
926	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
927	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
928	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
929	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
930	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
931	ISM300 FF	N/A						0.00926	0.000	0.001	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
932	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
933	Taper	N/A						0.01512	0.001	0.000	0.000
934	Taper	N/A						0.01512	0.001	0.000	0.000
935	Taper	N/A						0.01512	0.001	0.000	0.000
936	Taper	N/A						0.01512	0.001	0.000	0.000
937	Taper	N/A						0.01512	0.001	0.000	0.000
938	Taper	N/A						0.01512	0.001	0.000	0.000
939	Taper	N/A						0.01512	0.001	0.000	0.000
940	Taper	N/A						0.01512	0.001	0.000	0.000
941	Taper	N/A						0.01512	0.001	0.000	0.000
942	Taper	N/A						0.01512	0.001	0.000	0.000
943	Taper	N/A						0.01512	0.001	0.000	0.000
944	Taper	N/A						0.01512	0.001	0.000	0.000
945	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
946	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
947	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
948	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
949	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
950	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
951	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
952	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
953	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
954	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
955	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
956	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
957	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
958	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
959	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
960	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
961	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
962	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
963	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
964	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
965	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
966	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
967	Taper	N/A						0.01512	0.001	0.000	0.000
968	Taper	N/A						0.01512	0.001	0.000	0.000
969	Taper	N/A						0.01512	0.001	0.000	0.000
970	Taper	N/A						0.01512	0.001	0.000	0.000
971	Taper	N/A						0.01512	0.001	0.000	0.000
972	Taper	N/A						0.01512	0.001	0.000	0.000
973	Taper	N/A						0.01512	0.001	0.000	0.000
974	Taper	N/A						0.01512	0.001	0.000	0.000
975	Taper	N/A						0.01512	0.001	0.000	0.000
976	Taper	N/A						0.01512	0.001	0.000	0.000
977	Taper	N/A						0.01512	0.001	0.000	0.000
978	Taper	N/A						0.01512	0.001	0.000	0.000
979	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
980	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
981	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
982	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
983	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
984	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
985	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
986	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
987	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
988	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
989	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
990	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
991	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
992	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
993	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
994	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
995	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
996	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
997	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
998	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
999	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1000	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1001	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1002	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1003	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1004	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1005	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1006	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1007	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1008	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1009	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1010	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1011	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1012	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1013	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1014	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1015	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1016	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1017	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1018	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1019	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1020	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1021	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1022	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1023	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1024	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1025	Taper	N/A						0.01512	0.001	0.000	0.000
1026	Taper	N/A						0.01512	0.001	0.000	0.000
1027	Taper	N/A						0.01512	0.001	0.000	0.000
1028	Taper	N/A						0.01512	0.001	0.000	0.000
1029	Taper	N/A						0.01512	0.001	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1030	Taper	N/A						0.01512	0.001	0.000	0.000
1031	Taper	N/A						0.01512	0.001	0.000	0.000
1032	Taper	N/A						0.01512	0.001	0.000	0.000
1033	Taper	N/A						0.01512	0.001	0.000	0.000
1034	Taper	N/A						0.01512	0.001	0.000	0.000
1035	Taper	N/A						0.01512	0.001	0.000	0.000
1036	Taper	N/A						0.01512	0.001	0.000	0.000
1037	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1038	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1039	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1040	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1041	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1042	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1043	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1044	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1045	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1046	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1047	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1048	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1049	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1050	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1051	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1052	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1053	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1054	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1055	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1056	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1057	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1058	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1059	Taper	N/A						0.01512	0.001	0.000	0.000
1060	Taper	N/A						0.01512	0.001	0.000	0.000
1061	Taper	N/A						0.01512	0.001	0.000	0.000
1062	Taper	N/A						0.01512	0.001	0.000	0.000
1063	Taper	N/A						0.01512	0.001	0.000	0.000
1064	Taper	N/A						0.01512	0.001	0.000	0.000
1065	Taper	N/A						0.01512	0.001	0.000	0.000
1066	Taper	N/A						0.01512	0.001	0.000	0.000
1067	Taper	N/A						0.01512	0.001	0.000	0.000
1068	Taper	N/A						0.01512	0.001	0.000	0.000
1069	Taper	N/A						0.01512	0.001	0.000	0.000
1070	Taper	N/A						0.01512	0.001	0.000	0.000
1071	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
1072	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
1073	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
1074	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
1075	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
1076	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
1077	ISM300 FF	N/A						0.00926	0.000	0.001	0.000
1078	ISM300 FF	N/A						0.00926	0.000	0.001	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1079	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1080	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1081	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1082	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1083	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1084	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1085	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1086	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1087	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1088	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1089	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1090	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1091	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1092	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1093	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1094	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1095	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1096	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1097	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1098	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1099	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1100	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1101	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1102	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1103	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1104	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1105	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1106	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1107	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1108	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1109	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1110	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1111	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1112	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1113	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1114	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1115	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1116	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1117	Taper	N/A						0.01512	0.001	0.000	0.000
1118	Taper	N/A						0.01512	0.001	0.000	0.000
1119	Taper	N/A						0.01512	0.001	0.000	0.000
1120	Taper	N/A						0.01512	0.001	0.000	0.000
1121	Taper	N/A						0.01512	0.001	0.000	0.000
1122	Taper	N/A						0.01512	0.001	0.000	0.000
1123	Taper	N/A						0.01512	0.001	0.000	0.000
1124	Taper	N/A						0.01512	0.001	0.000	0.000
1125	Taper	N/A						0.01512	0.001	0.000	0.000
1126	Taper	N/A						0.01512	0.001	0.000	0.000
1127	Taper	N/A						0.01512	0.001	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1128	Taper	N/A						0.01512	0.001	0.000	0.000
1129	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1130	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1131	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1132	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1133	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1134	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1135	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1136	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1137	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1138	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1139	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1140	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1141	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1142	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1143	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1144	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1145	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1146	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1147	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1148	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1149	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1150	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1151	Taper	N/A						0.01512	0.001	0.000	0.000
1152	Taper	N/A						0.01512	0.001	0.000	0.000
1153	Taper	N/A						0.01512	0.001	0.000	0.000
1154	Taper	N/A						0.01512	0.001	0.000	0.000
1155	Taper	N/A						0.01512	0.001	0.000	0.000
1156	Taper	N/A						0.01512	0.001	0.000	0.000
1157	Taper	N/A						0.01512	0.001	0.000	0.000
1158	Taper	N/A						0.01512	0.001	0.000	0.000
1159	Taper	N/A						0.01512	0.001	0.000	0.000
1160	Taper	N/A						0.01512	0.001	0.000	0.000
1161	Taper	N/A						0.01512	0.001	0.000	0.000
1162	Taper	N/A						0.01512	0.001	0.000	0.000
1163	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1164	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1165	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1166	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1167	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1168	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1169	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1170	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1171	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1172	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1173	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1174	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1175	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1176	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1177	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1178	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1179	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1180	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1181	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1182	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1183	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1184	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1185	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1186	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1187	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1188	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1189	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1190	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1191	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1192	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1193	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1194	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1195	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1196	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1197	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1198	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1199	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1200	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1201	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1202	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1203	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1204	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1205	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1206	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1207	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1208	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1209	Taper	N/A						0.01512	0.001	0.000	0.000
1210	Taper	N/A						0.01512	0.001	0.000	0.000
1211	Taper	N/A						0.01512	0.001	0.000	0.000
1212	Taper	N/A						0.01512	0.001	0.000	0.000
1213	Taper	N/A						0.01512	0.001	0.000	0.000
1214	Taper	N/A						0.01512	0.001	0.000	0.000
1215	Taper	N/A						0.01512	0.001	0.000	0.000
1216	Taper	N/A						0.01512	0.001	0.000	0.000
1217	Taper	N/A						0.01512	0.001	0.000	0.000
1218	Taper	N/A						0.01512	0.001	0.000	0.000
1219	Taper	N/A						0.01512	0.001	0.000	0.000
1220	Taper	N/A						0.01512	0.001	0.000	0.000
1221	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1222	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1223	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1224	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1225	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1226	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1227	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1228	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1229	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1230	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1231	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1232	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1233	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1234	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1235	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1236	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1237	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1238	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1239	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1240	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1241	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1242	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1243	Taper	N/A						0.01512	0.001	0.000	0.000
1244	Taper	N/A						0.01512	0.001	0.000	0.000
1245	Taper	N/A						0.01512	0.001	0.000	0.000
1246	Taper	N/A						0.01512	0.001	0.000	0.000
1247	Taper	N/A						0.01512	0.001	0.000	0.000
1248	Taper	N/A						0.01512	0.001	0.000	0.000
1249	Taper	N/A						0.01512	0.001	0.000	0.000
1250	Taper	N/A						0.01512	0.001	0.000	0.000
1251	Taper	N/A						0.01512	0.001	0.000	0.000
1252	Taper	N/A						0.01512	0.001	0.000	0.000
1253	Taper	N/A						0.01512	0.001	0.000	0.000
1254	Taper	N/A						0.01512	0.001	0.000	0.000
1255	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1256	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1257	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1258	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1259	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1260	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1261	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1262	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1263	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1264	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1265	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1266	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1267	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1268	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1269	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1270	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1271	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1272	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1273	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1274	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1275	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1276	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1277	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1278	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1279	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1280	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1281	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1282	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1283	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1284	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1285	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1286	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1287	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1288	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1289	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1290	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1291	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1292	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1293	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1294	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1295	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1296	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1297	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1298	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1299	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1300	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1301	Taper	N/A						0.01512	0.001	0.000	0.000
1302	Taper	N/A						0.01512	0.001	0.000	0.000
1303	Taper	N/A						0.01512	0.001	0.000	0.000
1304	Taper	N/A						0.01512	0.001	0.000	0.000
1305	Taper	N/A						0.01512	0.001	0.000	0.000
1306	Taper	N/A						0.01512	0.001	0.000	0.000
1307	Taper	N/A						0.01512	0.001	0.000	0.000
1308	Taper	N/A						0.01512	0.001	0.000	0.000
1309	Taper	N/A						0.01512	0.001	0.000	0.000
1310	Taper	N/A						0.01512	0.001	0.000	0.000
1311	Taper	N/A						0.01512	0.001	0.000	0.000
1312	Taper	N/A						0.01512	0.001	0.000	0.000
1313	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1314	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1315	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1316	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1317	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1318	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1319	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1320	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1321	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1322	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1323	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1324	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1325	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1326	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1327	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1328	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1329	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1330	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1331	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1332	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1333	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1334	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1335	Taper	N/A						0.01512	0.001	0.000	0.000
1336	Taper	N/A						0.01512	0.001	0.000	0.000
1337	Taper	N/A						0.01512	0.001	0.000	0.000
1338	Taper	N/A						0.01512	0.001	0.000	0.000
1339	Taper	N/A						0.01512	0.001	0.000	0.000
1340	Taper	N/A						0.01512	0.001	0.000	0.000
1341	Taper	N/A						0.01512	0.001	0.000	0.000
1342	Taper	N/A						0.01512	0.001	0.000	0.000
1343	Taper	N/A						0.01512	0.001	0.000	0.000
1344	Taper	N/A						0.01512	0.001	0.000	0.000
1345	Taper	N/A						0.01512	0.001	0.000	0.000
1346	Taper	N/A						0.01512	0.001	0.000	0.000
1347	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1348	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1349	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1350	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1351	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1352	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1353	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1354	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1355	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1356	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1357	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1358	ISMC300 FF	N/A						0.00926	0.000	0.001	0.000
1359	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1360	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1361	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1362	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1363	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1364	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1365	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1366	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1367	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1368	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1369	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1370	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1371	ISA65X65X8	N/A						.001952	0.000	0.000	0.000
1372	ISA65X65X8	N/A						.001952	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1373	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1374	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1375	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1376	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1377	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1378	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1379	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1380	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1413	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1414	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1415	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1416	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1417	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1418	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1419	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1420	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1421	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1422	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1423	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1424	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1425	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1426	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1427	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1428	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1429	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1430	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1431	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1432	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1433	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1434	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1435	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1436	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1437	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1438	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1439	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1440	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1441	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1442	ISA65X65X8	N/A						0.001952	0.000	0.000	0.000
1443	Taper	N/A						0.01512	0.001	0.000	0.000
1444	Taper	N/A						0.01512	0.001	0.000	0.000
1445	ISM300 FF	N/A						0.00926	0.000	0.000	0.000
1446	ISM300 FF	N/A						0.00926	0.000	0.000	0.000
1447	ISM300 FF	N/A						0.00926	0.000	0.000	0.000
1448	ISM300 FF	N/A						0.00926	0.000	0.000	0.000
1449	ISM300 FF	N/A						0.00926	0.000	0.000	0.000
1450	ISM300 FF	N/A						0.00926	0.000	0.000	0.000
1451	ISM300 FF	N/A						0.00926	0.000	0.000	0.000
1452	ISM300 FF	N/A						0.00926	0.000	0.000	0.000
1453	ISM300 FF	N/A						0.00926	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1454	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1455	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1456	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1458	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1459	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1460	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1461	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1462	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1463	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1464	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1465	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1466	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1467	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1468	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1469	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1470	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1472	Taper	N/A						0.01512	0.001	0.000	0.000
1473	Taper	N/A						0.01512	0.001	0.000	0.000
1474	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1475	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1476	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1477	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1478	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1479	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1480	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1481	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1482	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1483	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1484	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1485	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1486	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1487	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1488	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1489	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1490	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1491	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1492	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1493	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1494	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1495	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1496	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1497	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1498	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1500	Taper	N/A						0.01512	0.001	0.000	0.000
1501	Taper	N/A						0.01512	0.001	0.000	0.000
1502	Taper	N/A						0.01512	0.001	0.000	0.000
1503	Taper	N/A						0.01512	0.001	0.000	0.000
1504	Taper	N/A						0.01512	0.001	0.000	0.000
1505	Taper	N/A						0.01512	0.001	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

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Utilization Ratio Cont...

Beam	Analysis Property	Design Property	Actual Ratio	Allowable Ratio	Ratio (Act./Allow.)	Clause	L/C	Ax (m ²)	Iz (m ⁴)	Iy (m ⁴)	Ix (m ⁴)
1506	Taper	N/A						0.01512	0.001	0.000	0.000
1507	Taper	N/A						0.01512	0.001	0.000	0.000
1508	Taper	N/A						0.01512	0.001	0.000	0.000
1509	Taper	N/A						0.01512	0.001	0.000	0.000
1510	Taper	N/A						0.01512	0.001	0.000	0.000
1511	Taper	N/A						0.01512	0.001	0.000	0.000
1512	Taper	N/A						0.01512	0.001	0.000	0.000
1513	Taper	N/A						0.01512	0.001	0.000	0.000
1514	Taper	N/A						0.01512	0.001	0.000	0.000
1515	Taper	N/A						0.01512	0.001	0.000	0.000
1516	Taper	N/A						0.01512	0.001	0.000	0.000
1517	Taper	N/A						0.01512	0.001	0.000	0.000
1518	Taper	N/A						0.01512	0.001	0.000	0.000
1519	Taper	N/A						0.01512	0.001	0.000	0.000
1520	Taper	N/A						0.01512	0.001	0.000	0.000
1521	Taper	N/A						0.01512	0.001	0.000	0.000
1522	Taper	N/A						0.01512	0.001	0.000	0.000
1523	Taper	N/A						0.01512	0.001	0.000	0.000
1524	Taper	N/A						0.01512	0.001	0.000	0.000
1525	Taper	N/A						0.01512	0.001	0.000	0.000
1526	Taper	N/A						0.01512	0.001	0.000	0.000
1527	Taper	N/A						0.01512	0.001	0.000	0.000
1530	Taper	N/A						0.01512	0.001	0.000	0.000
1531	Taper	N/A						0.01512	0.001	0.000	0.000
1532	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1533	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1534	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1535	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1536	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1537	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1538	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1539	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1540	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1541	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1542	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1543	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000
1544	Prismatic Ge	N/A						0.0387	0.001	0.000	0.006
1545	ISMC300 FF	N/A						0.00926	0.000	0.000	0.000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Base Pressure Summary

	Node	L/C	FX (kN/m ²)	FY (kN/m ²)	FZ (kN/m ²)
Max FX	1	1:DL	0	0	0
Min FX	1	1:DL	0	0	0
Max FY	1	1:DL	0	0	0
Min FY	1	1:DL	0	0	0
Max FZ	1	1:DL	0	0	0
Min FZ	1	1:DL	0	0	0

Statics Check Results

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
1:DL	Loads	0	-2.14E+3	0	153E+3	0	-31.5E+3
1:DL	Reactions	-0.00000	2.14E+3	-0.00000	-153E+3	0.00000	31.5E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
2:HORZ	Loads	0	0	0	0	0	0
2:HORZ	Reactions	0	0	0	0	0	0
	Difference	0	0	0	0	0	0
3:LOAD GENER/	Loads	0	-4.7E+3	0	167E+3	0	-69.3E+3
3:LOAD GENER/	Reactions	-0.00000	4.7E+3	-0.00000	-167E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
4:LOAD GENER/	Loads	0	-4.7E+3	0	167E+3	0	-69.3E+3
4:LOAD GENER/	Reactions	-0.00000	4.7E+3	-0.00000	-167E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
5:LOAD GENER/	Loads	0	-4.7E+3	0	168E+3	0	-69.3E+3
5:LOAD GENER/	Reactions	-0.00000	4.7E+3	-0.00000	-168E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
6:LOAD GENER/	Loads	0	-4.7E+3	0	168E+3	0	-69.3E+3
6:LOAD GENER/	Reactions	-0.00000	4.7E+3	-0.00000	-168E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
7:LOAD GENER/	Loads	0	-4.7E+3	0	168E+3	0	-69.3E+3
7:LOAD GENER/	Reactions	-0.00000	4.7E+3	-0.00000	-168E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
8:LOAD GENER/	Loads	0	-4.7E+3	0	168E+3	0	-69.3E+3
8:LOAD GENER/	Reactions	-0.00000	4.7E+3	-0.00000	-168E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
9:LOAD GENER/	Loads	0	-4.7E+3	0	169E+3	0	-69.3E+3
9:LOAD GENER/	Reactions	-0.00000	4.7E+3	-0.00000	-169E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
10:LOAD GENER	Loads	0	-4.7E+3	0	169E+3	0	-69.3E+3
10:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-169E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
11:LOAD GENER	Loads	0	-4.7E+3	0	169E+3	0	-69.3E+3
11:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-169E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
12:LOAD GENER	Loads	0	-4.7E+3	0	169E+3	0	-69.3E+3
12:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-169E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
11:LOAD GENER	Loads	0	-4.7E+3	0	169E+3	0	-69.3E+3
11:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-169E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
12:LOAD GENER	Loads	0	-4.7E+3	0	169E+3	0	-69.3E+3
12:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-169E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
13:LOAD GENER	Loads	0	-4.7E+3	0	170E+3	0	-69.3E+3
13:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-170E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
14:LOAD GENER	Loads	0	-4.7E+3	0	170E+3	0	-69.3E+3
14:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-170E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
15:LOAD GENER	Loads	0	-4.7E+3	0	170E+3	0	-69.3E+3
15:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-170E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
16:LOAD GENER	Loads	0	-4.7E+3	0	170E+3	0	-69.3E+3
16:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-170E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
17:LOAD GENER	Loads	0	-4.7E+3	0	171E+3	0	-69.3E+3
17:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-171E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
18:LOAD GENER	Loads	0	-4.7E+3	0	171E+3	0	-69.3E+3
18:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-171E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
19:LOAD GENER	Loads	0	-4.7E+3	0	171E+3	0	-69.3E+3
19:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-171E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
20:LOAD GENER	Loads	0	-4.7E+3	0	172E+3	0	-69.3E+3
20:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-172E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
21:LOAD GENER	Loads	0	-4.7E+3	0	172E+3	0	-69.3E+3
21:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-172E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
22:LOAD GENER	Loads	0	-4.7E+3	0	172E+3	0	-69.3E+3
22:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-172E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
23:LOAD GENER	Loads	0	-4.7E+3	0	172E+3	0	-69.3E+3
23:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-172E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
24:LOAD GENER	Loads	0	-4.7E+3	0	173E+3	0	-69.3E+3
24:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-173E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
25:LOAD GENER	Loads	0	-4.7E+3	0	173E+3	0	-69.3E+3
25:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-173E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
26:LOAD GENER	Loads	0	-4.7E+3	0	173E+3	0	-69.3E+3
26:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-173E+3	0.00000	69.3E+3



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By ANJANA

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File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
27:LOAD GENER	Loads	0	-4.7E+3	0	173E+3	0	-69.3E+3
27:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-173E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
28:LOAD GENER	Loads	0	-4.7E+3	0	174E+3	0	-69.3E+3
28:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-174E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
29:LOAD GENER	Loads	0	-4.7E+3	0	174E+3	0	-69.3E+3
29:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-174E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
30:LOAD GENER	Loads	0	-4.7E+3	0	174E+3	0	-69.3E+3
30:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-174E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
31:LOAD GENER	Loads	0	-4.7E+3	0	174E+3	0	-69.3E+3
31:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-174E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
32:LOAD GENER	Loads	0	-4.7E+3	0	175E+3	0	-69.3E+3
32:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-175E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
33:LOAD GENER	Loads	0	-4.7E+3	0	175E+3	0	-69.3E+3
33:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-175E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
34:LOAD GENER	Loads	0	-4.7E+3	0	175E+3	0	-69.3E+3
34:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-175E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
35:LOAD GENER	Loads	0	-4.7E+3	0	175E+3	0	-69.3E+3
35:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-175E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
36:LOAD GENER	Loads	0	-4.7E+3	0	176E+3	0	-69.3E+3
36:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-176E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
37:LOAD GENER	Loads	0	-4.7E+3	0	176E+3	0	-69.3E+3
37:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-176E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
38:LOAD GENER	Loads	0	-4.7E+3	0	176E+3	0	-69.3E+3
38:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-176E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
39:LOAD GENER	Loads	0	-4.7E+3	0	176E+3	0	-69.3E+3
39:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-176E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
40:LOAD GENER	Loads	0	-4.7E+3	0	177E+3	0	-69.3E+3
40:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-177E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
41:LOAD GENER	Loads	0	-4.7E+3	0	177E+3	0	-69.3E+3
41:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-177E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
42:LOAD GENER	Loads	0	-4.7E+3	0	177E+3	0	-69.3E+3
42:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-177E+3	0.00000	69.3E+3



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Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
43:LOAD GENER	Loads	0	-4.7E+3	0	177E+3	0	-69.3E+3
43:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-177E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
44:LOAD GENER	Loads	0	-4.7E+3	0	178E+3	0	-69.3E+3
44:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-178E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
45:LOAD GENER	Loads	0	-4.7E+3	0	178E+3	0	-69.3E+3
45:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-178E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
46:LOAD GENER	Loads	0	-4.7E+3	0	178E+3	0	-69.3E+3
46:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-178E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
47:LOAD GENER	Loads	0	-4.7E+3	0	178E+3	0	-69.3E+3
47:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-178E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
48:LOAD GENER	Loads	0	-4.7E+3	0	179E+3	0	-69.3E+3
48:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-179E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
49:LOAD GENER	Loads	0	-4.7E+3	0	179E+3	0	-69.3E+3
49:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-179E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
50:LOAD GENER	Loads	0	-4.7E+3	0	179E+3	0	-69.3E+3
50:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-179E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
51:LOAD GENER	Loads	0	-4.7E+3	0	179E+3	0	-69.3E+3
51:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-179E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
52:LOAD GENER	Loads	0	-4.7E+3	0	180E+3	0	-69.3E+3
52:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-180E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
53:LOAD GENER	Loads	0	-4.7E+3	0	180E+3	0	-69.3E+3
53:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-180E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
54:LOAD GENER	Loads	0	-4.7E+3	0	180E+3	0	-69.3E+3
54:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-180E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
55:LOAD GENER	Loads	0	-4.7E+3	0	180E+3	0	-69.3E+3
55:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-180E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
56:LOAD GENER	Loads	0	-4.7E+3	0	181E+3	0	-69.3E+3
56:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-181E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
57:LOAD GENER	Loads	0	-4.7E+3	0	181E+3	0	-69.3E+3
57:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-181E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
58:LOAD GENER	Loads	0	-4.7E+3	0	181E+3	0	-69.3E+3
58:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-181E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STJ

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
59:LOAD GENER	Loads	0	-4.7E+3	0	181E+3	0	-69.3E+3
59:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-181E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
60:LOAD GENER	Loads	0	-4.7E+3	0	182E+3	0	-69.3E+3
60:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-182E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
61:LOAD GENER	Loads	0	-4.7E+3	0	182E+3	0	-69.3E+3
61:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-182E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
62:LOAD GENER	Loads	0	-4.7E+3	0	182E+3	0	-69.3E+3
62:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-182E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
63:LOAD GENER	Loads	0	-4.7E+3	0	183E+3	0	-69.3E+3
63:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-183E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
64:LOAD GENER	Loads	0	-4.7E+3	0	183E+3	0	-69.3E+3
64:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-183E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
65:LOAD GENER	Loads	0	-4.7E+3	0	183E+3	0	-69.3E+3
65:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-183E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
66:LOAD GENER	Loads	0	-4.7E+3	0	183E+3	0	-69.3E+3
66:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-183E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
67:LOAD GENER	Loads	0	-4.7E+3	0	184E+3	0	-69.3E+3
67:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-184E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
68:LOAD GENER	Loads	0	-4.7E+3	0	184E+3	0	-69.3E+3
68:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-184E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
69:LOAD GENER	Loads	0	-4.7E+3	0	184E+3	0	-69.3E+3
69:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-184E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
70:LOAD GENER	Loads	0	-4.7E+3	0	184E+3	0	-69.3E+3
70:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-184E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
71:LOAD GENER	Loads	0	-4.7E+3	0	185E+3	0	-69.3E+3
71:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-185E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
72:LOAD GENER	Loads	0	-4.7E+3	0	185E+3	0	-69.3E+3
72:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-185E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
73:LOAD GENER	Loads	0	-4.7E+3	0	185E+3	0	-69.3E+3
73:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-185E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
74:LOAD GENER	Loads	0	-4.7E+3	0	185E+3	0	-69.3E+3
74:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-185E+3	0.00000	69.3E+3



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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
75:LOAD GENER	Loads	0	-4.7E+3	0	186E+3	0	-69.3E+3
75:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-186E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
76:LOAD GENER	Loads	0	-4.7E+3	0	186E+3	0	-69.3E+3
76:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-186E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
77:LOAD GENER	Loads	0	-4.7E+3	0	186E+3	0	-69.3E+3
77:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-186E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
78:LOAD GENER	Loads	0	-4.7E+3	0	186E+3	0	-69.3E+3
78:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-186E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
79:LOAD GENER	Loads	0	-4.7E+3	0	187E+3	0	-69.3E+3
79:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-187E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
80:LOAD GENER	Loads	0	-4.7E+3	0	187E+3	0	-69.3E+3
80:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-187E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
81:LOAD GENER	Loads	0	-4.7E+3	0	187E+3	0	-69.3E+3
81:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-187E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
82:LOAD GENER	Loads	0	-4.7E+3	0	187E+3	0	-69.3E+3
82:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-187E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
83:LOAD GENER	Loads	0	-4.7E+3	0	188E+3	0	-69.3E+3
83:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-188E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
84:LOAD GENER	Loads	0	-4.7E+3	0	188E+3	0	-69.3E+3
84:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-188E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
85:LOAD GENER	Loads	0	-4.7E+3	0	188E+3	0	-69.3E+3
85:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-188E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
86:LOAD GENER	Loads	0	-4.7E+3	0	188E+3	0	-69.3E+3
86:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-188E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
87:LOAD GENER	Loads	0	-4.7E+3	0	189E+3	0	-69.3E+3
87:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-189E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
88:LOAD GENER	Loads	0	-4.7E+3	0	189E+3	0	-69.3E+3
88:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-189E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
89:LOAD GENER	Loads	0	-4.7E+3	0	189E+3	0	-69.3E+3
89:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-189E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
90:LOAD GENER	Loads	0	-4.7E+3	0	189E+3	0	-69.3E+3
90:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-189E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
91:LOAD GENER	Loads	0	-4.7E+3	0	190E+3	0	-69.3E+3
91:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-190E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
92:LOAD GENER	Loads	0	-4.7E+3	0	190E+3	0	-69.3E+3
92:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-190E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
93:LOAD GENER	Loads	0	-4.7E+3	0	190E+3	0	-69.3E+3
93:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-190E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
94:LOAD GENER	Loads	0	-4.7E+3	0	190E+3	0	-69.3E+3
94:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-190E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
95:LOAD GENER	Loads	0	-4.7E+3	0	191E+3	0	-69.3E+3
95:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-191E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
96:LOAD GENER	Loads	0	-4.7E+3	0	191E+3	0	-69.3E+3
96:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-191E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
97:LOAD GENER	Loads	0	-4.7E+3	0	191E+3	0	-69.3E+3
97:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-191E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
98:LOAD GENER	Loads	0	-4.7E+3	0	191E+3	0	-69.3E+3
98:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-191E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
99:LOAD GENER	Loads	0	-4.7E+3	0	192E+3	0	-69.3E+3
99:LOAD GENER	Reactions	-0.00000	4.7E+3	-0.00000	-192E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
100:LOAD GENE	Loads	0	-4.7E+3	0	192E+3	0	-69.3E+3
100:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-192E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
101:LOAD GENE	Loads	0	-4.7E+3	0	192E+3	0	-69.3E+3
101:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-192E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
102:LOAD GENE	Loads	0	-4.7E+3	0	192E+3	0	-69.3E+3
102:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-192E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
103:LOAD GENE	Loads	0	-4.7E+3	0	193E+3	0	-69.3E+3
103:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-193E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
104:LOAD GENE	Loads	0	-4.7E+3	0	193E+3	0	-69.3E+3
104:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-193E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
105:LOAD GENE	Loads	0	-4.7E+3	0	193E+3	0	-69.3E+3
105:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-193E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
106:LOAD GENE	Loads	0	-4.7E+3	0	194E+3	0	-69.3E+3
106:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-194E+3	0.00000	69.3E+3



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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
107:LOAD GENE	Loads	0	-4.7E+3	0	194E+3	0	-69.3E+3
107:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-194E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
108:LOAD GENE	Loads	0	-4.7E+3	0	194E+3	0	-69.3E+3
108:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-194E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
109:LOAD GENE	Loads	0	-4.7E+3	0	194E+3	0	-69.3E+3
109:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-194E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
110:LOAD GENE	Loads	0	-4.7E+3	0	195E+3	0	-69.3E+3
110:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-195E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
111:LOAD GENE	Loads	0	-4.7E+3	0	195E+3	0	-69.3E+3
111:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-195E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
112:LOAD GENE	Loads	0	-4.7E+3	0	195E+3	0	-69.3E+3
112:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-195E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
113:LOAD GENE	Loads	0	-4.7E+3	0	195E+3	0	-69.3E+3
113:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-195E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
114:LOAD GENE	Loads	0	-4.7E+3	0	196E+3	0	-69.3E+3
114:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-196E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
115:LOAD GENE	Loads	0	-4.7E+3	0	196E+3	0	-69.3E+3
115:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-196E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
116:LOAD GENE	Loads	0	-4.7E+3	0	196E+3	0	-69.3E+3
116:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-196E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
117:LOAD GENE	Loads	0	-4.7E+3	0	196E+3	0	-69.3E+3
117:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-196E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
118:LOAD GENE	Loads	0	-4.7E+3	0	197E+3	0	-69.3E+3
118:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-197E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
119:LOAD GENE	Loads	0	-4.7E+3	0	197E+3	0	-69.3E+3
119:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-197E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
120:LOAD GENE	Loads	0	-4.7E+3	0	197E+3	0	-69.3E+3
120:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-197E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
121:LOAD GENE	Loads	0	-4.7E+3	0	197E+3	0	-69.3E+3
121:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-197E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
122:LOAD GENE	Loads	0	-4.7E+3	0	198E+3	0	-69.3E+3
122:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-198E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
123:LOAD GENE	Loads	0	-4.7E+3	0	198E+3	0	-69.3E+3
123:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-198E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
124:LOAD GENE	Loads	0	-4.7E+3	0	198E+3	0	-69.3E+3
124:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-198E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
125:LOAD GENE	Loads	0	-4.7E+3	0	198E+3	0	-69.3E+3
125:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-198E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
126:LOAD GENE	Loads	0	-4.7E+3	0	199E+3	0	-69.3E+3
126:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-199E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
127:LOAD GENE	Loads	0	-4.7E+3	0	199E+3	0	-69.3E+3
127:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-199E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
128:LOAD GENE	Loads	0	-4.7E+3	0	199E+3	0	-69.3E+3
128:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-199E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
129:LOAD GENE	Loads	0	-4.7E+3	0	199E+3	0	-69.3E+3
129:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-199E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
130:LOAD GENE	Loads	0	-4.7E+3	0	200E+3	0	-69.3E+3
130:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-200E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
131:LOAD GENE	Loads	0	-4.7E+3	0	200E+3	0	-69.3E+3
131:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-200E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
132:LOAD GENE	Loads	0	-4.7E+3	0	200E+3	0	-69.3E+3
132:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-200E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
133:LOAD GENE	Loads	0	-4.7E+3	0	200E+3	0	-69.3E+3
133:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-200E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
134:LOAD GENE	Loads	0	-4.7E+3	0	201E+3	0	-69.3E+3
134:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-201E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
135:LOAD GENE	Loads	0	-4.7E+3	0	201E+3	0	-69.3E+3
135:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-201E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
136:LOAD GENE	Loads	0	-4.7E+3	0	201E+3	0	-69.3E+3
136:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-201E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
137:LOAD GENE	Loads	0	-4.7E+3	0	201E+3	0	-69.3E+3
137:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-201E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
138:LOAD GENE	Loads	0	-4.7E+3	0	202E+3	0	-69.3E+3
138:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-202E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
139:LOAD GENE	Loads	0	-4.7E+3	0	202E+3	0	-69.3E+3
139:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-202E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
140:LOAD GENE	Loads	0	-4.7E+3	0	202E+3	0	-69.3E+3
140:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-202E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
141:LOAD GENE	Loads	0	-4.7E+3	0	202E+3	0	-69.3E+3
141:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-202E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
142:LOAD GENE	Loads	0	-4.7E+3	0	203E+3	0	-69.3E+3
142:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-203E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
143:LOAD GENE	Loads	0	-4.7E+3	0	203E+3	0	-69.3E+3
143:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-203E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
144:LOAD GENE	Loads	0	-4.7E+3	0	203E+3	0	-69.3E+3
144:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-203E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
145:LOAD GENE	Loads	0	-4.7E+3	0	204E+3	0	-69.3E+3
145:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-204E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
146:LOAD GENE	Loads	0	-4.7E+3	0	204E+3	0	-69.3E+3
146:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-204E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
147:LOAD GENE	Loads	0	-4.7E+3	0	204E+3	0	-69.3E+3
147:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-204E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
148:LOAD GENE	Loads	0	-4.7E+3	0	204E+3	0	-69.3E+3
148:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-204E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
149:LOAD GENE	Loads	0	-4.7E+3	0	205E+3	0	-69.3E+3
149:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-205E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
150:LOAD GENE	Loads	0	-4.7E+3	0	205E+3	0	-69.3E+3
150:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-205E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
151:LOAD GENE	Loads	0	-4.7E+3	0	205E+3	0	-69.3E+3
151:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-205E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
152:LOAD GENE	Loads	0	-4.7E+3	0	205E+3	0	-69.3E+3
152:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-205E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
153:LOAD GENE	Loads	0	-4.7E+3	0	206E+3	0	-69.3E+3
153:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-206E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
154:LOAD GENE	Loads	0	-4.7E+3	0	206E+3	0	-69.3E+3
154:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-206E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
155:LOAD GENE	Loads	0	-4.7E+3	0	206E+3	0	-69.3E+3
155:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-206E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
156:LOAD GENE	Loads	0	-4.7E+3	0	206E+3	0	-69.3E+3
156:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-206E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
157:LOAD GENE	Loads	0	-4.7E+3	0	207E+3	0	-69.3E+3
157:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-207E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
158:LOAD GENE	Loads	0	-4.7E+3	0	207E+3	0	-69.3E+3
158:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-207E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
159:LOAD GENE	Loads	0	-4.7E+3	0	207E+3	0	-69.3E+3
159:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-207E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
160:LOAD GENE	Loads	0	-4.7E+3	0	207E+3	0	-69.3E+3
160:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-207E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
161:LOAD GENE	Loads	0	-4.7E+3	0	208E+3	0	-69.3E+3
161:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-208E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
162:LOAD GENE	Loads	0	-4.7E+3	0	208E+3	0	-69.3E+3
162:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-208E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
163:LOAD GENE	Loads	0	-4.7E+3	0	208E+3	0	-69.3E+3
163:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-208E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
164:LOAD GENE	Loads	0	-4.7E+3	0	208E+3	0	-69.3E+3
164:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-208E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
165:LOAD GENE	Loads	0	-4.7E+3	0	209E+3	0	-69.3E+3
165:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-209E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
166:LOAD GENE	Loads	0	-4.7E+3	0	209E+3	0	-69.3E+3
166:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-209E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
167:LOAD GENE	Loads	0	-4.7E+3	0	209E+3	0	-69.3E+3
167:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-209E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
168:LOAD GENE	Loads	0	-4.7E+3	0	209E+3	0	-69.3E+3
168:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-209E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
169:LOAD GENE	Loads	0	-4.7E+3	0	210E+3	0	-69.3E+3
169:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-210E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
170:LOAD GENE	Loads	0	-4.7E+3	0	210E+3	0	-69.3E+3
170:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-210E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
171:LOAD GENE	Loads	0	-4.7E+3	0	210E+3	0	-69.3E+3
171:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-210E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
172:LOAD GENE	Loads	0	-4.7E+3	0	210E+3	0	-69.3E+3
172:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-210E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
173:LOAD GENE	Loads	0	-4.7E+3	0	211E+3	0	-69.3E+3
173:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-211E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
174:LOAD GENE	Loads	0	-4.7E+3	0	211E+3	0	-69.3E+3
174:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-211E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
175:LOAD GENE	Loads	0	-4.7E+3	0	211E+3	0	-69.3E+3
175:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-211E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
176:LOAD GENE	Loads	0	-4.7E+3	0	211E+3	0	-69.3E+3
176:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-211E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
177:LOAD GENE	Loads	0	-4.7E+3	0	212E+3	0	-69.3E+3
177:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-212E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
178:LOAD GENE	Loads	0	-4.7E+3	0	212E+3	0	-69.3E+3
178:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-212E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
179:LOAD GENE	Loads	0	-4.7E+3	0	212E+3	0	-69.3E+3
179:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-212E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
180:LOAD GENE	Loads	0	-4.7E+3	0	212E+3	0	-69.3E+3
180:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-212E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
181:LOAD GENE	Loads	0	-4.7E+3	0	213E+3	0	-69.3E+3
181:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-213E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
182:LOAD GENE	Loads	0	-4.7E+3	0	213E+3	0	-69.3E+3
182:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-213E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
183:LOAD GENE	Loads	0	-4.7E+3	0	213E+3	0	-69.3E+3
183:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-213E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
184:LOAD GENE	Loads	0	-4.7E+3	0	213E+3	0	-69.3E+3
184:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-213E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
185:LOAD GENE	Loads	0	-4.7E+3	0	214E+3	0	-69.3E+3
185:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-214E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
186:LOAD GENE	Loads	0	-4.7E+3	0	214E+3	0	-69.3E+3
186:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-214E+3	0.00000	69.3E+3



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Job No

1

Sheet No

76

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
187:LOAD GENE	Loads	0	-4.7E+3	0	214E+3	0	-69.3E+3
187:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-214E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
188:LOAD GENE	Loads	0	-4.7E+3	0	215E+3	0	-69.3E+3
188:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-215E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
189:LOAD GENE	Loads	0	-4.7E+3	0	215E+3	0	-69.3E+3
189:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-215E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
190:LOAD GENE	Loads	0	-4.7E+3	0	215E+3	0	-69.3E+3
190:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-215E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
191:LOAD GENE	Loads	0	-4.7E+3	0	215E+3	0	-69.3E+3
191:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-215E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
192:LOAD GENE	Loads	0	-4.7E+3	0	216E+3	0	-69.3E+3
192:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-216E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
193:LOAD GENE	Loads	0	-4.7E+3	0	216E+3	0	-69.3E+3
193:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-216E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
194:LOAD GENE	Loads	0	-4.7E+3	0	216E+3	0	-69.3E+3
194:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-216E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
195:LOAD GENE	Loads	0	-4.7E+3	0	216E+3	0	-69.3E+3
195:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-216E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
196:LOAD GENE	Loads	0	-4.7E+3	0	217E+3	0	-69.3E+3
196:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-217E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
197:LOAD GENE	Loads	0	-4.7E+3	0	217E+3	0	-69.3E+3
197:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-217E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
198:LOAD GENE	Loads	0	-4.7E+3	0	217E+3	0	-69.3E+3
198:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-217E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
199:LOAD GENE	Loads	0	-4.7E+3	0	217E+3	0	-69.3E+3
199:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-217E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
200:LOAD GENE	Loads	0	-4.7E+3	0	218E+3	0	-69.3E+3
200:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-218E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
201:LOAD GENE	Loads	0	-4.7E+3	0	218E+3	0	-69.3E+3
201:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-218E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
202:LOAD GENE	Loads	0	-4.7E+3	0	218E+3	0	-69.3E+3
202:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-218E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
203:LOAD GENE	Loads	0	-4.7E+3	0	218E+3	0	-69.3E+3
203:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-218E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
204:LOAD GENE	Loads	0	-4.7E+3	0	219E+3	0	-69.3E+3
204:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-219E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
205:LOAD GENE	Loads	0	-4.7E+3	0	219E+3	0	-69.3E+3
205:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-219E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
206:LOAD GENE	Loads	0	-4.7E+3	0	219E+3	0	-69.3E+3
206:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-219E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
207:LOAD GENE	Loads	0	-4.7E+3	0	219E+3	0	-69.3E+3
207:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-219E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
208:LOAD GENE	Loads	0	-4.7E+3	0	220E+3	0	-69.3E+3
208:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-220E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
209:LOAD GENE	Loads	0	-4.7E+3	0	220E+3	0	-69.3E+3
209:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-220E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
210:LOAD GENE	Loads	0	-4.7E+3	0	220E+3	0	-69.3E+3
210:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-220E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
211:LOAD GENE	Loads	0	-4.7E+3	0	220E+3	0	-69.3E+3
211:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-220E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
212:LOAD GENE	Loads	0	-4.7E+3	0	221E+3	0	-69.3E+3
212:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-221E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
213:LOAD GENE	Loads	0	-4.7E+3	0	221E+3	0	-69.3E+3
213:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-221E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
214:LOAD GENE	Loads	0	-4.7E+3	0	221E+3	0	-69.3E+3
214:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-221E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
215:LOAD GENE	Loads	0	-4.7E+3	0	221E+3	0	-69.3E+3
215:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-221E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
216:LOAD GENE	Loads	0	-4.7E+3	0	222E+3	0	-69.3E+3
216:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-222E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
217:LOAD GENE	Loads	0	-4.7E+3	0	222E+3	0	-69.3E+3
217:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-222E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
218:LOAD GENE	Loads	0	-4.7E+3	0	222E+3	0	-69.3E+3
218:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-222E+3	0.00000	69.3E+3



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Sheet No

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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
219:LOAD GENE	Loads	0	-4.7E+3	0	222E+3	0	-69.3E+3
219:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-222E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
220:LOAD GENE	Loads	0	-4.7E+3	0	223E+3	0	-69.3E+3
220:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-223E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
221:LOAD GENE	Loads	0	-4.7E+3	0	223E+3	0	-69.3E+3
221:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-223E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
222:LOAD GENE	Loads	0	-4.7E+3	0	223E+3	0	-69.3E+3
222:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-223E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
223:LOAD GENE	Loads	0	-4.7E+3	0	223E+3	0	-69.3E+3
223:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-223E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
224:LOAD GENE	Loads	0	-4.7E+3	0	224E+3	0	-69.3E+3
224:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-224E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
225:LOAD GENE	Loads	0	-4.7E+3	0	224E+3	0	-69.3E+3
225:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-224E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
226:LOAD GENE	Loads	0	-4.7E+3	0	224E+3	0	-69.3E+3
226:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-224E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
227:LOAD GENE	Loads	0	-4.7E+3	0	224E+3	0	-69.3E+3
227:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-224E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
228:LOAD GENE	Loads	0	-4.7E+3	0	225E+3	0	-69.3E+3
228:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-225E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
229:LOAD GENE	Loads	0	-4.7E+3	0	225E+3	0	-69.3E+3
229:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-225E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
230:LOAD GENE	Loads	0	-4.7E+3	0	225E+3	0	-69.3E+3
230:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-225E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
231:LOAD GENE	Loads	0	-4.7E+3	0	226E+3	0	-69.3E+3
231:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-226E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
232:LOAD GENE	Loads	0	-4.7E+3	0	226E+3	0	-69.3E+3
232:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-226E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
233:LOAD GENE	Loads	0	-4.7E+3	0	226E+3	0	-69.3E+3
233:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-226E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
234:LOAD GENE	Loads	0	-4.7E+3	0	226E+3	0	-69.3E+3
234:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-226E+3	0.00000	69.3E+3



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Sheet No

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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
235:LOAD GENE	Loads	0	-4.7E+3	0	227E+3	0	-69.3E+3
235:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-227E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
236:LOAD GENE	Loads	0	-4.7E+3	0	227E+3	0	-69.3E+3
236:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-227E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
237:LOAD GENE	Loads	0	-4.7E+3	0	227E+3	0	-69.3E+3
237:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-227E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
238:LOAD GENE	Loads	0	-4.7E+3	0	227E+3	0	-69.3E+3
238:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-227E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
239:LOAD GENE	Loads	0	-4.7E+3	0	228E+3	0	-69.3E+3
239:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-228E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
240:LOAD GENE	Loads	0	-4.7E+3	0	228E+3	0	-69.3E+3
240:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-228E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
241:LOAD GENE	Loads	0	-4.7E+3	0	228E+3	0	-69.3E+3
241:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-228E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
242:LOAD GENE	Loads	0	-4.7E+3	0	228E+3	0	-69.3E+3
242:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-228E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
243:LOAD GENE	Loads	0	-4.7E+3	0	229E+3	0	-69.3E+3
243:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-229E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
244:LOAD GENE	Loads	0	-4.7E+3	0	229E+3	0	-69.3E+3
244:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-229E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
245:LOAD GENE	Loads	0	-4.7E+3	0	229E+3	0	-69.3E+3
245:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-229E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
246:LOAD GENE	Loads	0	-4.7E+3	0	229E+3	0	-69.3E+3
246:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-229E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
247:LOAD GENE	Loads	0	-4.7E+3	0	230E+3	0	-69.3E+3
247:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-230E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
248:LOAD GENE	Loads	0	-4.7E+3	0	230E+3	0	-69.3E+3
248:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-230E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
249:LOAD GENE	Loads	0	-4.7E+3	0	230E+3	0	-69.3E+3
249:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-230E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
250:LOAD GENE	Loads	0	-4.7E+3	0	230E+3	0	-69.3E+3
250:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-230E+3	0.00000	69.3E+3



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Sheet No

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Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
251:LOAD GENE	Loads	0	-4.7E+3	0	231E+3	0	-69.3E+3
251:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-231E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
252:LOAD GENE	Loads	0	-4.7E+3	0	231E+3	0	-69.3E+3
252:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-231E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
253:LOAD GENE	Loads	0	-4.7E+3	0	231E+3	0	-69.3E+3
253:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-231E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
254:LOAD GENE	Loads	0	-4.7E+3	0	231E+3	0	-69.3E+3
254:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-231E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
255:LOAD GENE	Loads	0	-4.7E+3	0	232E+3	0	-69.3E+3
255:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-232E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
256:LOAD GENE	Loads	0	-4.7E+3	0	232E+3	0	-69.3E+3
256:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-232E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
257:LOAD GENE	Loads	0	-4.7E+3	0	232E+3	0	-69.3E+3
257:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-232E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
258:LOAD GENE	Loads	0	-4.7E+3	0	232E+3	0	-69.3E+3
258:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-232E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
259:LOAD GENE	Loads	0	-4.7E+3	0	233E+3	0	-69.3E+3
259:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-233E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
260:LOAD GENE	Loads	0	-4.7E+3	0	233E+3	0	-69.3E+3
260:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-233E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
261:LOAD GENE	Loads	0	-4.7E+3	0	233E+3	0	-69.3E+3
261:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-233E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
262:LOAD GENE	Loads	0	-4.7E+3	0	233E+3	0	-69.3E+3
262:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-233E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
263:LOAD GENE	Loads	0	-4.7E+3	0	234E+3	0	-69.3E+3
263:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-234E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
264:LOAD GENE	Loads	0	-4.7E+3	0	234E+3	0	-69.3E+3
264:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-234E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
265:LOAD GENE	Loads	0	-4.7E+3	0	234E+3	0	-69.3E+3
265:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-234E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
266:LOAD GENE	Loads	0	-4.7E+3	0	234E+3	0	-69.3E+3
266:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-234E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
267:LOAD GENE	Loads	0	-4.7E+3	0	235E+3	0	-69.3E+3
267:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-235E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
268:LOAD GENE	Loads	0	-4.7E+3	0	235E+3	0	-69.3E+3
268:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-235E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
269:LOAD GENE	Loads	0	-4.7E+3	0	235E+3	0	-69.3E+3
269:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-235E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
270:LOAD GENE	Loads	0	-4.7E+3	0	236E+3	0	-69.3E+3
270:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-236E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
271:LOAD GENE	Loads	0	-4.7E+3	0	236E+3	0	-69.3E+3
271:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-236E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
272:LOAD GENE	Loads	0	-4.7E+3	0	236E+3	0	-69.3E+3
272:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-236E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
273:LOAD GENE	Loads	0	-4.7E+3	0	236E+3	0	-69.3E+3
273:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-236E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
274:LOAD GENE	Loads	0	-4.7E+3	0	237E+3	0	-69.3E+3
274:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-237E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
275:LOAD GENE	Loads	0	-4.7E+3	0	237E+3	0	-69.3E+3
275:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-237E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
276:LOAD GENE	Loads	0	-4.7E+3	0	237E+3	0	-69.3E+3
276:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-237E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
277:LOAD GENE	Loads	0	-4.7E+3	0	237E+3	0	-69.3E+3
277:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-237E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
278:LOAD GENE	Loads	0	-4.7E+3	0	238E+3	0	-69.3E+3
278:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-238E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
279:LOAD GENE	Loads	0	-4.7E+3	0	238E+3	0	-69.3E+3
279:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-238E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
280:LOAD GENE	Loads	0	-4.7E+3	0	238E+3	0	-69.3E+3
280:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-238E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
281:LOAD GENE	Loads	0	-4.7E+3	0	238E+3	0	-69.3E+3
281:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-238E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
282:LOAD GENE	Loads	0	-4.7E+3	0	239E+3	0	-69.3E+3
282:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-239E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
283:LOAD GENE	Loads	0	-4.7E+3	0	239E+3	0	-69.3E+3
283:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-239E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
284:LOAD GENE	Loads	0	-4.7E+3	0	239E+3	0	-69.3E+3
284:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-239E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
285:LOAD GENE	Loads	0	-4.7E+3	0	239E+3	0	-69.3E+3
285:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-239E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
286:LOAD GENE	Loads	0	-4.7E+3	0	240E+3	0	-69.3E+3
286:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-240E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
287:LOAD GENE	Loads	0	-4.7E+3	0	240E+3	0	-69.3E+3
287:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-240E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
288:LOAD GENE	Loads	0	-4.7E+3	0	240E+3	0	-69.3E+3
288:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-240E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
289:LOAD GENE	Loads	0	-4.7E+3	0	240E+3	0	-69.3E+3
289:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-240E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
290:LOAD GENE	Loads	0	-4.7E+3	0	241E+3	0	-69.3E+3
290:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-241E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
291:LOAD GENE	Loads	0	-4.7E+3	0	241E+3	0	-69.3E+3
291:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-241E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
292:LOAD GENE	Loads	0	-4.7E+3	0	241E+3	0	-69.3E+3
292:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-241E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
293:LOAD GENE	Loads	0	-4.7E+3	0	241E+3	0	-69.3E+3
293:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-241E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
294:LOAD GENE	Loads	0	-4.7E+3	0	242E+3	0	-69.3E+3
294:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-242E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
295:LOAD GENE	Loads	0	-4.7E+3	0	242E+3	0	-69.3E+3
295:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-242E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
296:LOAD GENE	Loads	0	-4.7E+3	0	242E+3	0	-69.3E+3
296:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-242E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
297:LOAD GENE	Loads	0	-4.7E+3	0	242E+3	0	-69.3E+3
297:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-242E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
298:LOAD GENE	Loads	0	-4.7E+3	0	243E+3	0	-69.3E+3
298:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-243E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
299:LOAD GENE	Loads	0	-4.7E+3	0	243E+3	0	-69.3E+3
299:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-243E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
300:LOAD GENE	Loads	0	-4.7E+3	0	243E+3	0	-69.3E+3
300:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-243E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
301:LOAD GENE	Loads	0	-4.7E+3	0	243E+3	0	-69.3E+3
301:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-243E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
302:LOAD GENE	Loads	0	-4.7E+3	0	244E+3	0	-69.3E+3
302:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-244E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
303:LOAD GENE	Loads	0	-4.7E+3	0	244E+3	0	-69.3E+3
303:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-244E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
304:LOAD GENE	Loads	0	-4.7E+3	0	244E+3	0	-69.3E+3
304:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-244E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
305:LOAD GENE	Loads	0	-4.7E+3	0	244E+3	0	-69.3E+3
305:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-244E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
306:LOAD GENE	Loads	0	-4.7E+3	0	245E+3	0	-69.3E+3
306:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-245E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
307:LOAD GENE	Loads	0	-4.7E+3	0	245E+3	0	-69.3E+3
307:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-245E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
308:LOAD GENE	Loads	0	-4.7E+3	0	245E+3	0	-69.3E+3
308:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-245E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
309:LOAD GENE	Loads	0	-4.7E+3	0	245E+3	0	-69.3E+3
309:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-245E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
310:LOAD GENE	Loads	0	-4.7E+3	0	246E+3	0	-69.3E+3
310:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-246E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
311:LOAD GENE	Loads	0	-4.7E+3	0	246E+3	0	-69.3E+3
311:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-246E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
312:LOAD GENE	Loads	0	-4.7E+3	0	246E+3	0	-69.3E+3
312:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-246E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
313:LOAD GENE	Loads	0	-4.7E+3	0	247E+3	0	-69.3E+3
313:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-247E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
314:LOAD GENE	Loads	0	-4.7E+3	0	247E+3	0	-69.3E+3
314:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-247E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
315:LOAD GENE	Loads	0	-4.7E+3	0	247E+3	0	-69.3E+3
315:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-247E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
316:LOAD GENE	Loads	0	-4.7E+3	0	247E+3	0	-69.3E+3
316:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-247E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
317:LOAD GENE	Loads	0	-4.7E+3	0	248E+3	0	-69.3E+3
317:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-248E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
318:LOAD GENE	Loads	0	-4.7E+3	0	248E+3	0	-69.3E+3
318:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-248E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
319:LOAD GENE	Loads	0	-4.7E+3	0	248E+3	0	-69.3E+3
319:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-248E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
320:LOAD GENE	Loads	0	-4.7E+3	0	248E+3	0	-69.3E+3
320:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-248E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
321:LOAD GENE	Loads	0	-4.7E+3	0	249E+3	0	-69.3E+3
321:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-249E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
322:LOAD GENE	Loads	0	-4.7E+3	0	249E+3	0	-69.3E+3
322:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-249E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
323:LOAD GENE	Loads	0	-4.7E+3	0	249E+3	0	-69.3E+3
323:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-249E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
324:LOAD GENE	Loads	0	-4.7E+3	0	249E+3	0	-69.3E+3
324:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-249E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
325:LOAD GENE	Loads	0	-4.7E+3	0	250E+3	0	-69.3E+3
325:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-250E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
326:LOAD GENE	Loads	0	-4.7E+3	0	250E+3	0	-69.3E+3
326:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-250E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
327:LOAD GENE	Loads	0	-4.7E+3	0	250E+3	0	-69.3E+3
327:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-250E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
328:LOAD GENE	Loads	0	-4.7E+3	0	250E+3	0	-69.3E+3
328:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-250E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
329:LOAD GENE	Loads	0	-4.7E+3	0	251E+3	0	-69.3E+3
329:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-251E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
330:LOAD GENE	Loads	0	-4.7E+3	0	251E+3	0	-69.3E+3
330:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-251E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
331:LOAD GENE	Loads	0	-4.7E+3	0	251E+3	0	-69.3E+3
331:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-251E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
332:LOAD GENE	Loads	0	-4.7E+3	0	251E+3	0	-69.3E+3
332:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-251E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
333:LOAD GENE	Loads	0	-4.7E+3	0	252E+3	0	-69.3E+3
333:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-252E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
334:LOAD GENE	Loads	0	-4.7E+3	0	252E+3	0	-69.3E+3
334:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-252E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
335:LOAD GENE	Loads	0	-4.7E+3	0	252E+3	0	-69.3E+3
335:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-252E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
336:LOAD GENE	Loads	0	-4.7E+3	0	252E+3	0	-69.3E+3
336:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-252E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
337:LOAD GENE	Loads	0	-4.7E+3	0	253E+3	0	-69.3E+3
337:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-253E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
338:LOAD GENE	Loads	0	-4.7E+3	0	253E+3	0	-69.3E+3
338:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-253E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
339:LOAD GENE	Loads	0	-4.7E+3	0	253E+3	0	-69.3E+3
339:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-253E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
340:LOAD GENE	Loads	0	-4.7E+3	0	253E+3	0	-69.3E+3
340:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-253E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
341:LOAD GENE	Loads	0	-4.7E+3	0	254E+3	0	-69.3E+3
341:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-254E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
342:LOAD GENE	Loads	0	-4.7E+3	0	254E+3	0	-69.3E+3
342:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-254E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
343:LOAD GENE	Loads	0	-4.7E+3	0	254E+3	0	-69.3E+3
343:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-254E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
344:LOAD GENE	Loads	0	-4.7E+3	0	254E+3	0	-69.3E+3
344:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-254E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
345:LOAD GENE	Loads	0	-4.7E+3	0	255E+3	0	-69.3E+3
345:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-255E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
346:LOAD GENE	Loads	0	-4.7E+3	0	255E+3	0	-69.3E+3
346:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-255E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
347:LOAD GENE	Loads	0	-4.7E+3	0	255E+3	0	-69.3E+3
347:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-255E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
348:LOAD GENE	Loads	0	-4.7E+3	0	255E+3	0	-69.3E+3
348:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-255E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
349:LOAD GENE	Loads	0	-4.7E+3	0	256E+3	0	-69.3E+3
349:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-256E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
350:LOAD GENE	Loads	0	-4.7E+3	0	256E+3	0	-69.3E+3
350:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-256E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
351:LOAD GENE	Loads	0	-4.7E+3	0	256E+3	0	-69.3E+3
351:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-256E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
352:LOAD GENE	Loads	0	-4.7E+3	0	256E+3	0	-69.3E+3
352:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-256E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
353:LOAD GENE	Loads	0	-4.7E+3	0	257E+3	0	-69.3E+3
353:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-257E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
354:LOAD GENE	Loads	0	-4.7E+3	0	257E+3	0	-69.3E+3
354:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-257E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
355:LOAD GENE	Loads	0	-4.7E+3	0	257E+3	0	-69.3E+3
355:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-257E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
356:LOAD GENE	Loads	0	-4.7E+3	0	258E+3	0	-69.3E+3
356:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-258E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
357:LOAD GENE	Loads	0	-4.7E+3	0	258E+3	0	-69.3E+3
357:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-258E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
358:LOAD GENE	Loads	0	-4.7E+3	0	258E+3	0	-69.3E+3
358:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-258E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
359:LOAD GENE	Loads	0	-4.7E+3	0	258E+3	0	-69.3E+3
359:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-258E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
360:LOAD GENE	Loads	0	-4.7E+3	0	259E+3	0	-69.3E+3
360:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-259E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
361:LOAD GENE	Loads	0	-4.7E+3	0	259E+3	0	-69.3E+3
361:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-259E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
362:LOAD GENE	Loads	0	-4.7E+3	0	259E+3	0	-69.3E+3
362:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-259E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
363:LOAD GENE	Loads	0	-4.7E+3	0	259E+3	0	-69.3E+3
363:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-259E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
364:LOAD GENE	Loads	0	-4.7E+3	0	260E+3	0	-69.3E+3
364:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-260E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
365:LOAD GENE	Loads	0	-4.7E+3	0	260E+3	0	-69.3E+3
365:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-260E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
366:LOAD GENE	Loads	0	-4.7E+3	0	260E+3	0	-69.3E+3
366:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-260E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
367:LOAD GENE	Loads	0	-4.7E+3	0	260E+3	0	-69.3E+3
367:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-260E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
368:LOAD GENE	Loads	0	-4.7E+3	0	261E+3	0	-69.3E+3
368:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-261E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
369:LOAD GENE	Loads	0	-4.7E+3	0	261E+3	0	-69.3E+3
369:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-261E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
370:LOAD GENE	Loads	0	-4.7E+3	0	261E+3	0	-69.3E+3
370:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-261E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
371:LOAD GENE	Loads	0	-4.7E+3	0	261E+3	0	-69.3E+3
371:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-261E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
372:LOAD GENE	Loads	0	-4.7E+3	0	262E+3	0	-69.3E+3
372:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-262E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
373:LOAD GENE	Loads	0	-4.7E+3	0	262E+3	0	-69.3E+3
373:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-262E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
374:LOAD GENE	Loads	0	-4.7E+3	0	262E+3	0	-69.3E+3
374:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-262E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
375:LOAD GENE	Loads	0	-4.7E+3	0	262E+3	0	-69.3E+3
375:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-262E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
376:LOAD GENE	Loads	0	-4.7E+3	0	263E+3	0	-69.3E+3
376:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-263E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
377:LOAD GENE	Loads	0	-4.7E+3	0	263E+3	0	-69.3E+3
377:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-263E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
378:LOAD GENE	Loads	0	-4.7E+3	0	263E+3	0	-69.3E+3
378:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-263E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
379:LOAD GENE	Loads	0	-4.7E+3	0	263E+3	0	-69.3E+3
379:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-263E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
380:LOAD GENE	Loads	0	-4.7E+3	0	264E+3	0	-69.3E+3
380:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-264E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
381:LOAD GENE	Loads	0	-4.7E+3	0	264E+3	0	-69.3E+3
381:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-264E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
382:LOAD GENE	Loads	0	-4.7E+3	0	264E+3	0	-69.3E+3
382:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-264E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
383:LOAD GENE	Loads	0	-4.7E+3	0	264E+3	0	-69.3E+3
383:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-264E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
384:LOAD GENE	Loads	0	-4.7E+3	0	265E+3	0	-69.3E+3
384:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-265E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
385:LOAD GENE	Loads	0	-4.7E+3	0	265E+3	0	-69.3E+3
385:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-265E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
386:LOAD GENE	Loads	0	-4.7E+3	0	265E+3	0	-69.3E+3
386:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-265E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
387:LOAD GENE	Loads	0	-4.7E+3	0	265E+3	0	-69.3E+3
387:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-265E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
388:LOAD GENE	Loads	0	-4.7E+3	0	266E+3	0	-69.3E+3
388:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-266E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
389:LOAD GENE	Loads	0	-4.7E+3	0	266E+3	0	-69.3E+3
389:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-266E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
390:LOAD GENE	Loads	0	-4.7E+3	0	266E+3	0	-69.3E+3
390:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-266E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
391:LOAD GENE	Loads	0	-4.7E+3	0	266E+3	0	-69.3E+3
391:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-266E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
392:LOAD GENE	Loads	0	-4.7E+3	0	267E+3	0	-69.3E+3
392:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-267E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
393:LOAD GENE	Loads	0	-4.7E+3	0	267E+3	0	-69.3E+3
393:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-267E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
394:LOAD GENE	Loads	0	-4.7E+3	0	267E+3	0	-69.3E+3
394:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-267E+3	0.00000	69.3E+3



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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
395:LOAD GENE	Loads	0	-4.7E+3	0	268E+3	0	-69.3E+3
395:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-268E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
396:LOAD GENE	Loads	0	-4.7E+3	0	268E+3	0	-69.3E+3
396:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-268E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
397:LOAD GENE	Loads	0	-4.7E+3	0	268E+3	0	-69.3E+3
397:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-268E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
398:LOAD GENE	Loads	0	-4.7E+3	0	268E+3	0	-69.3E+3
398:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-268E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
399:LOAD GENE	Loads	0	-4.7E+3	0	269E+3	0	-69.3E+3
399:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-269E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
400:LOAD GENE	Loads	0	-4.7E+3	0	269E+3	0	-69.3E+3
400:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-269E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
401:LOAD GENE	Loads	0	-4.7E+3	0	269E+3	0	-69.3E+3
401:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-269E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
402:LOAD GENE	Loads	0	-4.7E+3	0	269E+3	0	-69.3E+3
402:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-269E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
403:LOAD GENE	Loads	0	-4.7E+3	0	270E+3	0	-69.3E+3
403:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-270E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
404:LOAD GENE	Loads	0	-4.7E+3	0	270E+3	0	-69.3E+3
404:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-270E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
405:LOAD GENE	Loads	0	-4.7E+3	0	270E+3	0	-69.3E+3
405:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-270E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
406:LOAD GENE	Loads	0	-4.7E+3	0	270E+3	0	-69.3E+3
406:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-270E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
407:LOAD GENE	Loads	0	-4.7E+3	0	271E+3	0	-69.3E+3
407:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-271E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
408:LOAD GENE	Loads	0	-4.7E+3	0	271E+3	0	-69.3E+3
408:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-271E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
409:LOAD GENE	Loads	0	-4.7E+3	0	271E+3	0	-69.3E+3
409:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-271E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
410:LOAD GENE	Loads	0	-4.7E+3	0	271E+3	0	-69.3E+3
410:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-271E+3	0.00000	69.3E+3



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Sheet No

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Rev

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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
411:LOAD GENE	Loads	0	-4.7E+3	0	272E+3	0	-69.3E+3
411:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-272E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
412:LOAD GENE	Loads	0	-4.7E+3	0	272E+3	0	-69.3E+3
412:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-272E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
413:LOAD GENE	Loads	0	-4.7E+3	0	272E+3	0	-69.3E+3
413:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-272E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
414:LOAD GENE	Loads	0	-4.7E+3	0	272E+3	0	-69.3E+3
414:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-272E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
415:LOAD GENE	Loads	0	-4.7E+3	0	273E+3	0	-69.3E+3
415:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-273E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
416:LOAD GENE	Loads	0	-4.7E+3	0	273E+3	0	-69.3E+3
416:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-273E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
417:LOAD GENE	Loads	0	-4.7E+3	0	273E+3	0	-69.3E+3
417:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-273E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
418:LOAD GENE	Loads	0	-4.7E+3	0	273E+3	0	-69.3E+3
418:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-273E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
419:LOAD GENE	Loads	0	-4.7E+3	0	274E+3	0	-69.3E+3
419:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-274E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
420:LOAD GENE	Loads	0	-4.7E+3	0	274E+3	0	-69.3E+3
420:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-274E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
421:LOAD GENE	Loads	0	-4.7E+3	0	274E+3	0	-69.3E+3
421:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-274E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
422:LOAD GENE	Loads	0	-4.7E+3	0	274E+3	0	-69.3E+3
422:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-274E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
423:LOAD GENE	Loads	0	-4.7E+3	0	275E+3	0	-69.3E+3
423:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-275E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
424:LOAD GENE	Loads	0	-4.7E+3	0	275E+3	0	-69.3E+3
424:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-275E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
425:LOAD GENE	Loads	0	-4.7E+3	0	275E+3	0	-69.3E+3
425:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-275E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
426:LOAD GENE	Loads	0	-4.7E+3	0	275E+3	0	-69.3E+3
426:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-275E+3	0.00000	69.3E+3



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Job No

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Sheet No

91

Rev

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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
427:LOAD GENE	Loads	0	-4.7E+3	0	276E+3	0	-69.3E+3
427:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-276E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
428:LOAD GENE	Loads	0	-4.7E+3	0	276E+3	0	-69.3E+3
428:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-276E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
429:LOAD GENE	Loads	0	-4.7E+3	0	276E+3	0	-69.3E+3
429:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-276E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
430:LOAD GENE	Loads	0	-4.7E+3	0	276E+3	0	-69.3E+3
430:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-276E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
431:LOAD GENE	Loads	0	-4.7E+3	0	277E+3	0	-69.3E+3
431:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-277E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
432:LOAD GENE	Loads	0	-4.7E+3	0	277E+3	0	-69.3E+3
432:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-277E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
433:LOAD GENE	Loads	0	-4.7E+3	0	277E+3	0	-69.3E+3
433:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-277E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
434:LOAD GENE	Loads	0	-4.7E+3	0	277E+3	0	-69.3E+3
434:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-277E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
435:LOAD GENE	Loads	0	-4.7E+3	0	278E+3	0	-69.3E+3
435:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-278E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
436:LOAD GENE	Loads	0	-4.7E+3	0	278E+3	0	-69.3E+3
436:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-278E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
437:LOAD GENE	Loads	0	-4.7E+3	0	278E+3	0	-69.3E+3
437:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-278E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
438:LOAD GENE	Loads	0	-4.7E+3	0	279E+3	0	-69.3E+3
438:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-279E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
439:LOAD GENE	Loads	0	-4.7E+3	0	279E+3	0	-69.3E+3
439:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-279E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
440:LOAD GENE	Loads	0	-4.7E+3	0	279E+3	0	-69.3E+3
440:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-279E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
441:LOAD GENE	Loads	0	-4.7E+3	0	279E+3	0	-69.3E+3
441:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-279E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
442:LOAD GENE	Loads	0	-4.7E+3	0	280E+3	0	-69.3E+3
442:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-280E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
443:LOAD GENE	Loads	0	-4.7E+3	0	280E+3	0	-69.3E+3
443:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-280E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
444:LOAD GENE	Loads	0	-4.7E+3	0	280E+3	0	-69.3E+3
444:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-280E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
445:LOAD GENE	Loads	0	-4.7E+3	0	280E+3	0	-69.3E+3
445:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-280E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
446:LOAD GENE	Loads	0	-4.7E+3	0	281E+3	0	-69.3E+3
446:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-281E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
447:LOAD GENE	Loads	0	-4.7E+3	0	281E+3	0	-69.3E+3
447:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-281E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
448:LOAD GENE	Loads	0	-4.7E+3	0	281E+3	0	-69.3E+3
448:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-281E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
449:LOAD GENE	Loads	0	-4.7E+3	0	281E+3	0	-69.3E+3
449:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-281E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
450:LOAD GENE	Loads	0	-4.7E+3	0	282E+3	0	-69.3E+3
450:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-282E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
451:LOAD GENE	Loads	0	-4.7E+3	0	282E+3	0	-69.3E+3
451:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-282E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
452:LOAD GENE	Loads	0	-4.7E+3	0	282E+3	0	-69.3E+3
452:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-282E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
453:LOAD GENE	Loads	0	-4.7E+3	0	282E+3	0	-69.3E+3
453:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-282E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
454:LOAD GENE	Loads	0	-4.7E+3	0	283E+3	0	-69.3E+3
454:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-283E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
455:LOAD GENE	Loads	0	-4.7E+3	0	283E+3	0	-69.3E+3
455:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-283E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
456:LOAD GENE	Loads	0	-4.7E+3	0	283E+3	0	-69.3E+3
456:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-283E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
457:LOAD GENE	Loads	0	-4.7E+3	0	283E+3	0	-69.3E+3
457:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-283E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
458:LOAD GENE	Loads	0	-4.7E+3	0	284E+3	0	-69.3E+3
458:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-284E+3	0.00000	69.3E+3



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Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
459:LOAD GENE	Loads	0	-4.7E+3	0	284E+3	0	-69.3E+3
459:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-284E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
460:LOAD GENE	Loads	0	-4.7E+3	0	284E+3	0	-69.3E+3
460:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-284E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
461:LOAD GENE	Loads	0	-4.7E+3	0	284E+3	0	-69.3E+3
461:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-284E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
462:LOAD GENE	Loads	0	-4.7E+3	0	285E+3	0	-69.3E+3
462:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-285E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
463:LOAD GENE	Loads	0	-4.7E+3	0	285E+3	0	-69.3E+3
463:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-285E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
464:LOAD GENE	Loads	0	-4.7E+3	0	285E+3	0	-69.3E+3
464:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-285E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
465:LOAD GENE	Loads	0	-4.7E+3	0	285E+3	0	-69.3E+3
465:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-285E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
466:LOAD GENE	Loads	0	-4.7E+3	0	286E+3	0	-69.3E+3
466:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-286E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
467:LOAD GENE	Loads	0	-4.7E+3	0	286E+3	0	-69.3E+3
467:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-286E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
468:LOAD GENE	Loads	0	-4.7E+3	0	286E+3	0	-69.3E+3
468:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-286E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
469:LOAD GENE	Loads	0	-4.7E+3	0	286E+3	0	-69.3E+3
469:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-286E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
470:LOAD GENE	Loads	0	-4.7E+3	0	287E+3	0	-69.3E+3
470:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-287E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
471:LOAD GENE	Loads	0	-4.7E+3	0	287E+3	0	-69.3E+3
471:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-287E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
472:LOAD GENE	Loads	0	-4.7E+3	0	287E+3	0	-69.3E+3
472:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-287E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
473:LOAD GENE	Loads	0	-4.7E+3	0	287E+3	0	-69.3E+3
473:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-287E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
474:LOAD GENE	Loads	0	-4.7E+3	0	288E+3	0	-69.3E+3
474:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-288E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
475:LOAD GENE	Loads	0	-4.7E+3	0	288E+3	0	-69.3E+3
475:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-288E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
476:LOAD GENE	Loads	0	-4.7E+3	0	288E+3	0	-69.3E+3
476:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-288E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
477:LOAD GENE	Loads	0	-4.7E+3	0	288E+3	0	-69.3E+3
477:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-288E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
478:LOAD GENE	Loads	0	-4.7E+3	0	289E+3	0	-69.3E+3
478:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-289E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
479:LOAD GENE	Loads	0	-4.7E+3	0	289E+3	0	-69.3E+3
479:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-289E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
480:LOAD GENE	Loads	0	-4.7E+3	0	289E+3	0	-69.3E+3
480:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-289E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
481:LOAD GENE	Loads	0	-4.7E+3	0	290E+3	0	-69.3E+3
481:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-290E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
482:LOAD GENE	Loads	0	-4.7E+3	0	290E+3	0	-69.3E+3
482:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-290E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
483:LOAD GENE	Loads	0	-4.7E+3	0	290E+3	0	-69.3E+3
483:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-290E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
484:LOAD GENE	Loads	0	-4.7E+3	0	290E+3	0	-69.3E+3
484:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-290E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
485:LOAD GENE	Loads	0	-4.7E+3	0	291E+3	0	-69.3E+3
485:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-291E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
486:LOAD GENE	Loads	0	-4.7E+3	0	291E+3	0	-69.3E+3
486:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-291E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
487:LOAD GENE	Loads	0	-4.7E+3	0	291E+3	0	-69.3E+3
487:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-291E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
488:LOAD GENE	Loads	0	-4.7E+3	0	291E+3	0	-69.3E+3
488:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-291E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
489:LOAD GENE	Loads	0	-4.7E+3	0	292E+3	0	-69.3E+3
489:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-292E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
490:LOAD GENE	Loads	0	-4.7E+3	0	292E+3	0	-69.3E+3
490:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-292E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
491:LOAD GENE	Loads	0	-4.7E+3	0	292E+3	0	-69.3E+3
491:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-292E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
492:LOAD GENE	Loads	0	-4.7E+3	0	292E+3	0	-69.3E+3
492:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-292E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
493:LOAD GENE	Loads	0	-4.7E+3	0	293E+3	0	-69.3E+3
493:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-293E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
494:LOAD GENE	Loads	0	-4.7E+3	0	293E+3	0	-69.3E+3
494:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-293E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
495:LOAD GENE	Loads	0	-4.7E+3	0	293E+3	0	-69.3E+3
495:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-293E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
496:LOAD GENE	Loads	0	-4.7E+3	0	293E+3	0	-69.3E+3
496:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-293E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
497:LOAD GENE	Loads	0	-4.7E+3	0	294E+3	0	-69.3E+3
497:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-294E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
498:LOAD GENE	Loads	0	-4.7E+3	0	294E+3	0	-69.3E+3
498:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-294E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
499:LOAD GENE	Loads	0	-4.7E+3	0	294E+3	0	-69.3E+3
499:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-294E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
500:LOAD GENE	Loads	0	-4.7E+3	0	294E+3	0	-69.3E+3
500:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-294E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
501:LOAD GENE	Loads	0	-4.7E+3	0	295E+3	0	-69.3E+3
501:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-295E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
502:LOAD GENE	Loads	0	-4.7E+3	0	295E+3	0	-69.3E+3
502:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-295E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
503:LOAD GENE	Loads	0	-4.7E+3	0	295E+3	0	-69.3E+3
503:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-295E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
504:LOAD GENE	Loads	0	-4.7E+3	0	295E+3	0	-69.3E+3
504:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-295E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
505:LOAD GENE	Loads	0	-4.7E+3	0	296E+3	0	-69.3E+3
505:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-296E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
506:LOAD GENE	Loads	0	-4.7E+3	0	296E+3	0	-69.3E+3
506:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-296E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
507:LOAD GENE	Loads	0	-4.7E+3	0	296E+3	0	-69.3E+3
507:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-296E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
508:LOAD GENE	Loads	0	-4.7E+3	0	296E+3	0	-69.3E+3
508:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-296E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
509:LOAD GENE	Loads	0	-4.7E+3	0	297E+3	0	-69.3E+3
509:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-297E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
510:LOAD GENE	Loads	0	-4.7E+3	0	297E+3	0	-69.3E+3
510:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-297E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
511:LOAD GENE	Loads	0	-4.7E+3	0	297E+3	0	-69.3E+3
511:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-297E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
512:LOAD GENE	Loads	0	-4.7E+3	0	297E+3	0	-69.3E+3
512:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-297E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
513:LOAD GENE	Loads	0	-4.7E+3	0	298E+3	0	-69.3E+3
513:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-298E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
514:LOAD GENE	Loads	0	-4.7E+3	0	298E+3	0	-69.3E+3
514:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-298E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
515:LOAD GENE	Loads	0	-4.7E+3	0	298E+3	0	-69.3E+3
515:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-298E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
516:LOAD GENE	Loads	0	-4.7E+3	0	298E+3	0	-69.3E+3
516:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-298E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
517:LOAD GENE	Loads	0	-4.7E+3	0	299E+3	0	-69.3E+3
517:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-299E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
518:LOAD GENE	Loads	0	-4.7E+3	0	299E+3	0	-69.3E+3
518:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-299E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
519:LOAD GENE	Loads	0	-4.7E+3	0	299E+3	0	-69.3E+3
519:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-299E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
520:LOAD GENE	Loads	0	-4.7E+3	0	300E+3	0	-69.3E+3
520:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-300E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
521:LOAD GENE	Loads	0	-4.7E+3	0	300E+3	0	-69.3E+3
521:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-300E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
522:LOAD GENE	Loads	0	-4.7E+3	0	300E+3	0	-69.3E+3
522:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-300E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
523:LOAD GENE	Loads	0	-4.7E+3	0	300E+3	0	-69.3E+3
523:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-300E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
524:LOAD GENE	Loads	0	-4.7E+3	0	301E+3	0	-69.3E+3
524:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-301E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
525:LOAD GENE	Loads	0	-4.7E+3	0	301E+3	0	-69.3E+3
525:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-301E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
526:LOAD GENE	Loads	0	-4.7E+3	0	301E+3	0	-69.3E+3
526:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-301E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
527:LOAD GENE	Loads	0	-4.7E+3	0	301E+3	0	-69.3E+3
527:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-301E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
528:LOAD GENE	Loads	0	-4.7E+3	0	302E+3	0	-69.3E+3
528:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-302E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
529:LOAD GENE	Loads	0	-4.7E+3	0	302E+3	0	-69.3E+3
529:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-302E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
530:LOAD GENE	Loads	0	-4.7E+3	0	302E+3	0	-69.3E+3
530:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-302E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
531:LOAD GENE	Loads	0	-4.7E+3	0	302E+3	0	-69.3E+3
531:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-302E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
532:LOAD GENE	Loads	0	-4.7E+3	0	303E+3	0	-69.3E+3
532:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-303E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
533:LOAD GENE	Loads	0	-4.7E+3	0	303E+3	0	-69.3E+3
533:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-303E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
534:LOAD GENE	Loads	0	-4.7E+3	0	303E+3	0	-69.3E+3
534:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-303E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
535:LOAD GENE	Loads	0	-4.7E+3	0	303E+3	0	-69.3E+3
535:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-303E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
536:LOAD GENE	Loads	0	-4.7E+3	0	304E+3	0	-69.3E+3
536:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-304E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
537:LOAD GENE	Loads	0	-4.7E+3	0	304E+3	0	-69.3E+3
537:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-304E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
538:LOAD GENE	Loads	0	-4.7E+3	0	304E+3	0	-69.3E+3
538:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-304E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
539:LOAD GENE	Loads	0	-4.7E+3	0	304E+3	0	-69.3E+3
539:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-304E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
540:LOAD GENE	Loads	0	-4.7E+3	0	305E+3	0	-69.3E+3
540:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-305E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
541:LOAD GENE	Loads	0	-4.7E+3	0	305E+3	0	-69.3E+3
541:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-305E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
542:LOAD GENE	Loads	0	-4.7E+3	0	305E+3	0	-69.3E+3
542:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-305E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
543:LOAD GENE	Loads	0	-4.7E+3	0	305E+3	0	-69.3E+3
543:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-305E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
544:LOAD GENE	Loads	0	-4.7E+3	0	306E+3	0	-69.3E+3
544:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-306E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
545:LOAD GENE	Loads	0	-4.7E+3	0	306E+3	0	-69.3E+3
545:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-306E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
546:LOAD GENE	Loads	0	-4.7E+3	0	306E+3	0	-69.3E+3
546:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-306E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
547:LOAD GENE	Loads	0	-4.7E+3	0	306E+3	0	-69.3E+3
547:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-306E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
548:LOAD GENE	Loads	0	-4.7E+3	0	307E+3	0	-69.3E+3
548:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-307E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
549:LOAD GENE	Loads	0	-4.7E+3	0	307E+3	0	-69.3E+3
549:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-307E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
550:LOAD GENE	Loads	0	-4.7E+3	0	307E+3	0	-69.3E+3
550:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-307E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
551:LOAD GENE	Loads	0	-4.7E+3	0	307E+3	0	-69.3E+3
551:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-307E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
552:LOAD GENE	Loads	0	-4.7E+3	0	308E+3	0	-69.3E+3
552:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-308E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
553:LOAD GENE	Loads	0	-4.7E+3	0	308E+3	0	-69.3E+3
553:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-308E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
554:LOAD GENE	Loads	0	-4.7E+3	0	308E+3	0	-69.3E+3
554:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-308E+3	0.00000	69.3E+3



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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
555:LOAD GENE	Loads	0	-4.7E+3	0	308E+3	0	-69.3E+3
555:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-308E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
556:LOAD GENE	Loads	0	-4.7E+3	0	309E+3	0	-69.3E+3
556:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-309E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
557:LOAD GENE	Loads	0	-4.7E+3	0	309E+3	0	-69.3E+3
557:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-309E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
558:LOAD GENE	Loads	0	-4.7E+3	0	309E+3	0	-69.3E+3
558:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-309E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
559:LOAD GENE	Loads	0	-4.7E+3	0	309E+3	0	-69.3E+3
559:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-309E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
560:LOAD GENE	Loads	0	-4.7E+3	0	310E+3	0	-69.3E+3
560:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-310E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
561:LOAD GENE	Loads	0	-4.7E+3	0	310E+3	0	-69.3E+3
561:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-310E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
562:LOAD GENE	Loads	0	-4.7E+3	0	310E+3	0	-69.3E+3
562:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-310E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
563:LOAD GENE	Loads	0	-4.7E+3	0	311E+3	0	-69.3E+3
563:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-311E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
564:LOAD GENE	Loads	0	-4.7E+3	0	311E+3	0	-69.3E+3
564:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-311E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
565:LOAD GENE	Loads	0	-4.7E+3	0	311E+3	0	-69.3E+3
565:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-311E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
566:LOAD GENE	Loads	0	-4.7E+3	0	311E+3	0	-69.3E+3
566:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-311E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
567:LOAD GENE	Loads	0	-4.7E+3	0	312E+3	0	-69.3E+3
567:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-312E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
568:LOAD GENE	Loads	0	-4.7E+3	0	312E+3	0	-69.3E+3
568:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-312E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
569:LOAD GENE	Loads	0	-4.7E+3	0	312E+3	0	-69.3E+3
569:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-312E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
570:LOAD GENE	Loads	0	-4.7E+3	0	312E+3	0	-69.3E+3
570:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-312E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
571:LOAD GENE	Loads	0	-4.7E+3	0	313E+3	0	-69.3E+3
571:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-313E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
572:LOAD GENE	Loads	0	-4.7E+3	0	313E+3	0	-69.3E+3
572:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-313E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
573:LOAD GENE	Loads	0	-4.7E+3	0	313E+3	0	-69.3E+3
573:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-313E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
574:LOAD GENE	Loads	0	-4.7E+3	0	313E+3	0	-69.3E+3
574:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-313E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
575:LOAD GENE	Loads	0	-4.7E+3	0	314E+3	0	-69.3E+3
575:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-314E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
576:LOAD GENE	Loads	0	-4.7E+3	0	314E+3	0	-69.3E+3
576:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-314E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
577:LOAD GENE	Loads	0	-4.7E+3	0	314E+3	0	-69.3E+3
577:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-314E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
578:LOAD GENE	Loads	0	-4.7E+3	0	314E+3	0	-69.3E+3
578:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-314E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
579:LOAD GENE	Loads	0	-4.7E+3	0	315E+3	0	-69.3E+3
579:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-315E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
580:LOAD GENE	Loads	0	-4.7E+3	0	315E+3	0	-69.3E+3
580:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-315E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
581:LOAD GENE	Loads	0	-4.7E+3	0	315E+3	0	-69.3E+3
581:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-315E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
582:LOAD GENE	Loads	0	-4.7E+3	0	315E+3	0	-69.3E+3
582:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-315E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
583:LOAD GENE	Loads	0	-4.7E+3	0	316E+3	0	-69.3E+3
583:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-316E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
584:LOAD GENE	Loads	0	-4.7E+3	0	316E+3	0	-69.3E+3
584:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-316E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
585:LOAD GENE	Loads	0	-4.7E+3	0	316E+3	0	-69.3E+3
585:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-316E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
586:LOAD GENE	Loads	0	-4.7E+3	0	316E+3	0	-69.3E+3
586:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-316E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
587:LOAD GENE	Loads	0	-4.7E+3	0	317E+3	0	-69.3E+3
587:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-317E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
588:LOAD GENE	Loads	0	-4.7E+3	0	317E+3	0	-69.3E+3
588:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-317E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
589:LOAD GENE	Loads	0	-4.7E+3	0	317E+3	0	-69.3E+3
589:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-317E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
590:LOAD GENE	Loads	0	-4.7E+3	0	317E+3	0	-69.3E+3
590:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-317E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
591:LOAD GENE	Loads	0	-4.7E+3	0	318E+3	0	-69.3E+3
591:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-318E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
592:LOAD GENE	Loads	0	-4.7E+3	0	318E+3	0	-69.3E+3
592:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-318E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
593:LOAD GENE	Loads	0	-4.7E+3	0	318E+3	0	-69.3E+3
593:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-318E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
594:LOAD GENE	Loads	0	-4.7E+3	0	318E+3	0	-69.3E+3
594:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-318E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
595:LOAD GENE	Loads	0	-4.7E+3	0	319E+3	0	-69.3E+3
595:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-319E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
596:LOAD GENE	Loads	0	-4.7E+3	0	319E+3	0	-69.3E+3
596:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-319E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
597:LOAD GENE	Loads	0	-4.7E+3	0	319E+3	0	-69.3E+3
597:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-319E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
598:LOAD GENE	Loads	0	-4.7E+3	0	319E+3	0	-69.3E+3
598:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-319E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
599:LOAD GENE	Loads	0	-4.7E+3	0	320E+3	0	-69.3E+3
599:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-320E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
600:LOAD GENE	Loads	0	-4.7E+3	0	320E+3	0	-69.3E+3
600:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-320E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
601:LOAD GENE	Loads	0	-4.7E+3	0	320E+3	0	-69.3E+3
601:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-320E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
602:LOAD GENE	Loads	0	-4.7E+3	0	320E+3	0	-69.3E+3
602:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-320E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
603:LOAD GENE	Loads	0	-4.7E+3	0	321E+3	0	-69.3E+3
603:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-321E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
604:LOAD GENE	Loads	0	-4.7E+3	0	321E+3	0	-69.3E+3
604:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-321E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
605:LOAD GENE	Loads	0	-4.7E+3	0	321E+3	0	-69.3E+3
605:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-321E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
606:LOAD GENE	Loads	0	-4.7E+3	0	322E+3	0	-69.3E+3
606:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-322E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
607:LOAD GENE	Loads	0	-4.7E+3	0	322E+3	0	-69.3E+3
607:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-322E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
608:LOAD GENE	Loads	0	-4.7E+3	0	322E+3	0	-69.3E+3
608:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-322E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
609:LOAD GENE	Loads	0	-4.7E+3	0	322E+3	0	-69.3E+3
609:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-322E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
610:LOAD GENE	Loads	0	-4.7E+3	0	323E+3	0	-69.3E+3
610:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-323E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
611:LOAD GENE	Loads	0	-4.7E+3	0	323E+3	0	-69.3E+3
611:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-323E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
612:LOAD GENE	Loads	0	-4.7E+3	0	323E+3	0	-69.3E+3
612:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-323E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
613:LOAD GENE	Loads	0	-4.7E+3	0	323E+3	0	-69.3E+3
613:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-323E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
614:LOAD GENE	Loads	0	-4.7E+3	0	324E+3	0	-69.3E+3
614:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-324E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
615:LOAD GENE	Loads	0	-4.7E+3	0	324E+3	0	-69.3E+3
615:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-324E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
616:LOAD GENE	Loads	0	-4.7E+3	0	324E+3	0	-69.3E+3
616:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-324E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
617:LOAD GENE	Loads	0	-4.7E+3	0	324E+3	0	-69.3E+3
617:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-324E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
618:LOAD GENE	Loads	0	-4.7E+3	0	325E+3	0	-69.3E+3
618:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-325E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
619:LOAD GENE	Loads	0	-4.7E+3	0	325E+3	0	-69.3E+3
619:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-325E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
620:LOAD GENE	Loads	0	-4.7E+3	0	325E+3	0	-69.3E+3
620:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-325E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
621:LOAD GENE	Loads	0	-4.7E+3	0	325E+3	0	-69.3E+3
621:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-325E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
622:LOAD GENE	Loads	0	-4.7E+3	0	326E+3	0	-69.3E+3
622:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-326E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
623:LOAD GENE	Loads	0	-4.7E+3	0	326E+3	0	-69.3E+3
623:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-326E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
624:LOAD GENE	Loads	0	-4.7E+3	0	326E+3	0	-69.3E+3
624:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-326E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
625:LOAD GENE	Loads	0	-4.7E+3	0	326E+3	0	-69.3E+3
625:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-326E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
626:LOAD GENE	Loads	0	-4.7E+3	0	327E+3	0	-69.3E+3
626:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-327E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
627:LOAD GENE	Loads	0	-4.7E+3	0	327E+3	0	-69.3E+3
627:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-327E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
628:LOAD GENE	Loads	0	-4.7E+3	0	327E+3	0	-69.3E+3
628:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-327E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
629:LOAD GENE	Loads	0	-4.7E+3	0	327E+3	0	-69.3E+3
629:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-327E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
630:LOAD GENE	Loads	0	-4.7E+3	0	328E+3	0	-69.3E+3
630:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-328E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
631:LOAD GENE	Loads	0	-4.7E+3	0	328E+3	0	-69.3E+3
631:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-328E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
632:LOAD GENE	Loads	0	-4.7E+3	0	328E+3	0	-69.3E+3
632:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-328E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
633:LOAD GENE	Loads	0	-4.7E+3	0	328E+3	0	-69.3E+3
633:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-328E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
634:LOAD GENE	Loads	0	-4.7E+3	0	329E+3	0	-69.3E+3
634:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-329E+3	0.00000	69.3E+3



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Sheet No

104

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
635:LOAD GENE	Loads	0	-4.7E+3	0	329E+3	0	-69.3E+3
635:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-329E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
636:LOAD GENE	Loads	0	-4.7E+3	0	329E+3	0	-69.3E+3
636:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-329E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
637:LOAD GENE	Loads	0	-4.7E+3	0	329E+3	0	-69.3E+3
637:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-329E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
638:LOAD GENE	Loads	0	-4.7E+3	0	330E+3	0	-69.3E+3
638:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-330E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
639:LOAD GENE	Loads	0	-4.7E+3	0	330E+3	0	-69.3E+3
639:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-330E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
640:LOAD GENE	Loads	0	-4.7E+3	0	330E+3	0	-69.3E+3
640:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-330E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
641:LOAD GENE	Loads	0	-4.7E+3	0	330E+3	0	-69.3E+3
641:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-330E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
642:LOAD GENE	Loads	0	-4.7E+3	0	331E+3	0	-69.3E+3
642:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-331E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
643:LOAD GENE	Loads	0	-4.7E+3	0	331E+3	0	-69.3E+3
643:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-331E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
644:LOAD GENE	Loads	0	-4.7E+3	0	331E+3	0	-69.3E+3
644:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-331E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
645:LOAD GENE	Loads	0	-4.7E+3	0	332E+3	0	-69.3E+3
645:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-332E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
646:LOAD GENE	Loads	0	-4.7E+3	0	332E+3	0	-69.3E+3
646:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-332E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
647:LOAD GENE	Loads	0	-4.7E+3	0	332E+3	0	-69.3E+3
647:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-332E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
648:LOAD GENE	Loads	0	-4.7E+3	0	332E+3	0	-69.3E+3
648:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-332E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
649:LOAD GENE	Loads	0	-4.7E+3	0	333E+3	0	-69.3E+3
649:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-333E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
650:LOAD GENE	Loads	0	-4.7E+3	0	333E+3	0	-69.3E+3
650:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-333E+3	0.00000	69.3E+3



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Job No

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Sheet No

105

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
651:LOAD GENE	Loads	0	-4.7E+3	0	333E+3	0	-69.3E+3
651:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-333E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
652:LOAD GENE	Loads	0	-4.7E+3	0	333E+3	0	-69.3E+3
652:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-333E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
653:LOAD GENE	Loads	0	-4.7E+3	0	334E+3	0	-69.3E+3
653:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-334E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
654:LOAD GENE	Loads	0	-4.7E+3	0	334E+3	0	-69.3E+3
654:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-334E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
655:LOAD GENE	Loads	0	-4.7E+3	0	334E+3	0	-69.3E+3
655:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-334E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
656:LOAD GENE	Loads	0	-4.7E+3	0	334E+3	0	-69.3E+3
656:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-334E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
657:LOAD GENE	Loads	0	-4.7E+3	0	335E+3	0	-69.3E+3
657:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-335E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
658:LOAD GENE	Loads	0	-4.7E+3	0	335E+3	0	-69.3E+3
658:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-335E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
659:LOAD GENE	Loads	0	-4.7E+3	0	335E+3	0	-69.3E+3
659:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-335E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
660:LOAD GENE	Loads	0	-4.7E+3	0	335E+3	0	-69.3E+3
660:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-335E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
661:LOAD GENE	Loads	0	-4.7E+3	0	336E+3	0	-69.3E+3
661:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-336E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
662:LOAD GENE	Loads	0	-4.7E+3	0	336E+3	0	-69.3E+3
662:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-336E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
663:LOAD GENE	Loads	0	-4.7E+3	0	336E+3	0	-69.3E+3
663:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-336E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
664:LOAD GENE	Loads	0	-4.7E+3	0	336E+3	0	-69.3E+3
664:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-336E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
665:LOAD GENE	Loads	0	-4.7E+3	0	337E+3	0	-69.3E+3
665:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-337E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
666:LOAD GENE	Loads	0	-4.7E+3	0	337E+3	0	-69.3E+3
666:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-337E+3	0.00000	69.3E+3



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Job No

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Sheet No

106

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
667:LOAD GENE	Loads	0	-4.7E+3	0	337E+3	0	-69.3E+3
667:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-337E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
668:LOAD GENE	Loads	0	-4.7E+3	0	337E+3	0	-69.3E+3
668:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-337E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
669:LOAD GENE	Loads	0	-4.7E+3	0	338E+3	0	-69.3E+3
669:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-338E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
670:LOAD GENE	Loads	0	-4.7E+3	0	338E+3	0	-69.3E+3
670:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-338E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
671:LOAD GENE	Loads	0	-4.7E+3	0	338E+3	0	-69.3E+3
671:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-338E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
672:LOAD GENE	Loads	0	-4.7E+3	0	338E+3	0	-69.3E+3
672:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-338E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
673:LOAD GENE	Loads	0	-4.7E+3	0	339E+3	0	-69.3E+3
673:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-339E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
674:LOAD GENE	Loads	0	-4.7E+3	0	339E+3	0	-69.3E+3
674:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-339E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
675:LOAD GENE	Loads	0	-4.7E+3	0	339E+3	0	-69.3E+3
675:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-339E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
676:LOAD GENE	Loads	0	-4.7E+3	0	339E+3	0	-69.3E+3
676:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-339E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
677:LOAD GENE	Loads	0	-4.7E+3	0	340E+3	0	-69.3E+3
677:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-340E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
678:LOAD GENE	Loads	0	-4.7E+3	0	340E+3	0	-69.3E+3
678:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-340E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
679:LOAD GENE	Loads	0	-4.7E+3	0	340E+3	0	-69.3E+3
679:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-340E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
680:LOAD GENE	Loads	0	-4.7E+3	0	340E+3	0	-69.3E+3
680:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-340E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
681:LOAD GENE	Loads	0	-4.7E+3	0	341E+3	0	-69.3E+3
681:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-341E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
682:LOAD GENE	Loads	0	-4.7E+3	0	341E+3	0	-69.3E+3
682:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-341E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
683:LOAD GENE	Loads	0	-4.7E+3	0	341E+3	0	-69.3E+3
683:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-341E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
684:LOAD GENE	Loads	0	-4.7E+3	0	341E+3	0	-69.3E+3
684:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-341E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
685:LOAD GENE	Loads	0	-4.7E+3	0	342E+3	0	-69.3E+3
685:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-342E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
686:LOAD GENE	Loads	0	-4.7E+3	0	342E+3	0	-69.3E+3
686:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-342E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
687:LOAD GENE	Loads	0	-4.7E+3	0	342E+3	0	-69.3E+3
687:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-342E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
688:LOAD GENE	Loads	0	-4.7E+3	0	343E+3	0	-69.3E+3
688:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-343E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
689:LOAD GENE	Loads	0	-4.7E+3	0	343E+3	0	-69.3E+3
689:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-343E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
690:LOAD GENE	Loads	0	-4.7E+3	0	343E+3	0	-69.3E+3
690:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-343E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
691:LOAD GENE	Loads	0	-4.7E+3	0	343E+3	0	-69.3E+3
691:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-343E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
692:LOAD GENE	Loads	0	-4.7E+3	0	344E+3	0	-69.3E+3
692:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-344E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
693:LOAD GENE	Loads	0	-4.7E+3	0	344E+3	0	-69.3E+3
693:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-344E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
694:LOAD GENE	Loads	0	-4.7E+3	0	344E+3	0	-69.3E+3
694:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-344E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
695:LOAD GENE	Loads	0	-4.7E+3	0	344E+3	0	-69.3E+3
695:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-344E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
696:LOAD GENE	Loads	0	-4.7E+3	0	345E+3	0	-69.3E+3
696:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-345E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
697:LOAD GENE	Loads	0	-4.7E+3	0	345E+3	0	-69.3E+3
697:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-345E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
698:LOAD GENE	Loads	0	-4.7E+3	0	345E+3	0	-69.3E+3
698:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-345E+3	0.00000	69.3E+3



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Job No

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Sheet No

108

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
699:LOAD GENE	Loads	0	-4.7E+3	0	345E+3	0	-69.3E+3
699:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-345E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
700:LOAD GENE	Loads	0	-4.7E+3	0	346E+3	0	-69.3E+3
700:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-346E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
701:LOAD GENE	Loads	0	-4.7E+3	0	346E+3	0	-69.3E+3
701:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-346E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
702:LOAD GENE	Loads	0	-4.7E+3	0	346E+3	0	-69.3E+3
702:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-346E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
703:LOAD GENE	Loads	0	-4.7E+3	0	346E+3	0	-69.3E+3
703:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-346E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
704:LOAD GENE	Loads	0	-4.7E+3	0	347E+3	0	-69.3E+3
704:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-347E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
705:LOAD GENE	Loads	0	-4.7E+3	0	347E+3	0	-69.3E+3
705:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-347E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
706:LOAD GENE	Loads	0	-4.7E+3	0	347E+3	0	-69.3E+3
706:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-347E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
707:LOAD GENE	Loads	0	-4.7E+3	0	347E+3	0	-69.3E+3
707:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-347E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
708:LOAD GENE	Loads	0	-4.7E+3	0	348E+3	0	-69.3E+3
708:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-348E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
709:LOAD GENE	Loads	0	-4.7E+3	0	348E+3	0	-69.3E+3
709:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-348E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
710:LOAD GENE	Loads	0	-4.7E+3	0	348E+3	0	-69.3E+3
710:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-348E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
711:LOAD GENE	Loads	0	-4.7E+3	0	348E+3	0	-69.3E+3
711:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-348E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
712:LOAD GENE	Loads	0	-4.7E+3	0	349E+3	0	-69.3E+3
712:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-349E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
713:LOAD GENE	Loads	0	-4.7E+3	0	349E+3	0	-69.3E+3
713:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-349E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
714:LOAD GENE	Loads	0	-4.7E+3	0	349E+3	0	-69.3E+3
714:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-349E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
715:LOAD GENE	Loads	0	-4.7E+3	0	349E+3	0	-69.3E+3
715:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-349E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
716:LOAD GENE	Loads	0	-4.7E+3	0	350E+3	0	-69.3E+3
716:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-350E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
717:LOAD GENE	Loads	0	-4.7E+3	0	350E+3	0	-69.3E+3
717:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-350E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
718:LOAD GENE	Loads	0	-4.7E+3	0	350E+3	0	-69.3E+3
718:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-350E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
719:LOAD GENE	Loads	0	-4.7E+3	0	350E+3	0	-69.3E+3
719:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-350E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
720:LOAD GENE	Loads	0	-4.7E+3	0	351E+3	0	-69.3E+3
720:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-351E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
721:LOAD GENE	Loads	0	-4.7E+3	0	351E+3	0	-69.3E+3
721:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-351E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
722:LOAD GENE	Loads	0	-4.7E+3	0	351E+3	0	-69.3E+3
722:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-351E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
723:LOAD GENE	Loads	0	-4.7E+3	0	351E+3	0	-69.3E+3
723:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-351E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
724:LOAD GENE	Loads	0	-4.7E+3	0	352E+3	0	-69.3E+3
724:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-352E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
725:LOAD GENE	Loads	0	-4.7E+3	0	352E+3	0	-69.3E+3
725:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-352E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
726:LOAD GENE	Loads	0	-4.7E+3	0	352E+3	0	-69.3E+3
726:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-352E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
727:LOAD GENE	Loads	0	-4.7E+3	0	352E+3	0	-69.3E+3
727:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-352E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
728:LOAD GENE	Loads	0	-4.7E+3	0	353E+3	0	-69.3E+3
728:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-353E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
729:LOAD GENE	Loads	0	-4.7E+3	0	353E+3	0	-69.3E+3
729:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-353E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
730:LOAD GENE	Loads	0	-4.7E+3	0	353E+3	0	-69.3E+3
730:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-353E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
731:LOAD GENE	Loads	0	-4.7E+3	0	354E+3	0	-69.3E+3
731:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-354E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
732:LOAD GENE	Loads	0	-4.7E+3	0	354E+3	0	-69.3E+3
732:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-354E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
733:LOAD GENE	Loads	0	-4.7E+3	0	354E+3	0	-69.3E+3
733:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-354E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
734:LOAD GENE	Loads	0	-4.7E+3	0	354E+3	0	-69.3E+3
734:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-354E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
735:LOAD GENE	Loads	0	-4.7E+3	0	355E+3	0	-69.3E+3
735:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-355E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
736:LOAD GENE	Loads	0	-4.7E+3	0	355E+3	0	-69.3E+3
736:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-355E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
737:LOAD GENE	Loads	0	-4.7E+3	0	355E+3	0	-69.3E+3
737:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-355E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
738:LOAD GENE	Loads	0	-4.7E+3	0	355E+3	0	-69.3E+3
738:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-355E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
739:LOAD GENE	Loads	0	-4.7E+3	0	356E+3	0	-69.3E+3
739:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-356E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
740:LOAD GENE	Loads	0	-4.7E+3	0	356E+3	0	-69.3E+3
740:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-356E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
741:LOAD GENE	Loads	0	-4.7E+3	0	356E+3	0	-69.3E+3
741:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-356E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
742:LOAD GENE	Loads	0	-4.7E+3	0	356E+3	0	-69.3E+3
742:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-356E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
743:LOAD GENE	Loads	0	-4.7E+3	0	357E+3	0	-69.3E+3
743:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-357E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
744:LOAD GENE	Loads	0	-4.7E+3	0	357E+3	0	-69.3E+3
744:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-357E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
745:LOAD GENE	Loads	0	-4.7E+3	0	357E+3	0	-69.3E+3
745:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-357E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
746:LOAD GENE	Loads	0	-4.7E+3	0	357E+3	0	-69.3E+3
746:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-357E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
747:LOAD GENE	Loads	0	-4.7E+3	0	358E+3	0	-69.3E+3
747:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-358E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
748:LOAD GENE	Loads	0	-4.7E+3	0	358E+3	0	-69.3E+3
748:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-358E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
749:LOAD GENE	Loads	0	-4.7E+3	0	358E+3	0	-69.3E+3
749:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-358E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
750:LOAD GENE	Loads	0	-4.7E+3	0	358E+3	0	-69.3E+3
750:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-358E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
751:LOAD GENE	Loads	0	-4.7E+3	0	359E+3	0	-69.3E+3
751:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-359E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
752:LOAD GENE	Loads	0	-4.7E+3	0	359E+3	0	-69.3E+3
752:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-359E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
753:LOAD GENE	Loads	0	-4.7E+3	0	359E+3	0	-69.3E+3
753:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-359E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
754:LOAD GENE	Loads	0	-4.7E+3	0	359E+3	0	-69.3E+3
754:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-359E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
755:LOAD GENE	Loads	0	-4.7E+3	0	360E+3	0	-69.3E+3
755:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-360E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
756:LOAD GENE	Loads	0	-4.7E+3	0	360E+3	0	-69.3E+3
756:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-360E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
757:LOAD GENE	Loads	0	-4.7E+3	0	360E+3	0	-69.3E+3
757:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-360E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
758:LOAD GENE	Loads	0	-4.7E+3	0	360E+3	0	-69.3E+3
758:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-360E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
759:LOAD GENE	Loads	0	-4.7E+3	0	361E+3	0	-69.3E+3
759:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-361E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
760:LOAD GENE	Loads	0	-4.7E+3	0	361E+3	0	-69.3E+3
760:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-361E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
761:LOAD GENE	Loads	0	-4.7E+3	0	361E+3	0	-69.3E+3
761:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-361E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
762:LOAD GENE	Loads	0	-4.7E+3	0	361E+3	0	-69.3E+3
762:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-361E+3	0.00000	69.3E+3



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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
763:LOAD GENE	Loads	0	-4.7E+3	0	362E+3	0	-69.3E+3
763:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-362E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
764:LOAD GENE	Loads	0	-4.7E+3	0	362E+3	0	-69.3E+3
764:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-362E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
765:LOAD GENE	Loads	0	-4.7E+3	0	362E+3	0	-69.3E+3
765:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-362E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
766:LOAD GENE	Loads	0	-4.7E+3	0	362E+3	0	-69.3E+3
766:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-362E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
767:LOAD GENE	Loads	0	-4.7E+3	0	363E+3	0	-69.3E+3
767:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-363E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
768:LOAD GENE	Loads	0	-4.7E+3	0	363E+3	0	-69.3E+3
768:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-363E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
769:LOAD GENE	Loads	0	-4.7E+3	0	363E+3	0	-69.3E+3
769:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-363E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
770:LOAD GENE	Loads	0	-4.7E+3	0	364E+3	0	-69.3E+3
770:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-364E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
771:LOAD GENE	Loads	0	-4.7E+3	0	364E+3	0	-69.3E+3
771:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-364E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
772:LOAD GENE	Loads	0	-4.7E+3	0	364E+3	0	-69.3E+3
772:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-364E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
773:LOAD GENE	Loads	0	-4.7E+3	0	364E+3	0	-69.3E+3
773:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-364E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
774:LOAD GENE	Loads	0	-4.7E+3	0	365E+3	0	-69.3E+3
774:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-365E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
775:LOAD GENE	Loads	0	-4.7E+3	0	365E+3	0	-69.3E+3
775:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-365E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
776:LOAD GENE	Loads	0	-4.7E+3	0	365E+3	0	-69.3E+3
776:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-365E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
777:LOAD GENE	Loads	0	-4.7E+3	0	365E+3	0	-69.3E+3
777:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-365E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
778:LOAD GENE	Loads	0	-4.7E+3	0	366E+3	0	-69.3E+3
778:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-366E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
779:LOAD GENE	Loads	0	-4.7E+3	0	366E+3	0	-69.3E+3
779:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-366E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
780:LOAD GENE	Loads	0	-4.7E+3	0	366E+3	0	-69.3E+3
780:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-366E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
781:LOAD GENE	Loads	0	-4.7E+3	0	366E+3	0	-69.3E+3
781:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-366E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
782:LOAD GENE	Loads	0	-4.7E+3	0	367E+3	0	-69.3E+3
782:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-367E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
783:LOAD GENE	Loads	0	-4.7E+3	0	367E+3	0	-69.3E+3
783:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-367E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
784:LOAD GENE	Loads	0	-4.7E+3	0	367E+3	0	-69.3E+3
784:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-367E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
785:LOAD GENE	Loads	0	-4.7E+3	0	367E+3	0	-69.3E+3
785:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-367E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
786:LOAD GENE	Loads	0	-4.7E+3	0	368E+3	0	-69.3E+3
786:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-368E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
787:LOAD GENE	Loads	0	-4.7E+3	0	368E+3	0	-69.3E+3
787:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-368E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
788:LOAD GENE	Loads	0	-4.7E+3	0	368E+3	0	-69.3E+3
788:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-368E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
789:LOAD GENE	Loads	0	-4.7E+3	0	368E+3	0	-69.3E+3
789:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-368E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
790:LOAD GENE	Loads	0	-4.7E+3	0	369E+3	0	-69.3E+3
790:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-369E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
791:LOAD GENE	Loads	0	-4.7E+3	0	369E+3	0	-69.3E+3
791:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-369E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
792:LOAD GENE	Loads	0	-4.7E+3	0	369E+3	0	-69.3E+3
792:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-369E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
793:LOAD GENE	Loads	0	-4.7E+3	0	369E+3	0	-69.3E+3
793:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-369E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
794:LOAD GENE	Loads	0	-4.7E+3	0	370E+3	0	-69.3E+3
794:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-370E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
795:LOAD GENE	Loads	0	-4.7E+3	0	370E+3	0	-69.3E+3
795:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-370E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
796:LOAD GENE	Loads	0	-4.7E+3	0	370E+3	0	-69.3E+3
796:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-370E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
797:LOAD GENE	Loads	0	-4.7E+3	0	370E+3	0	-69.3E+3
797:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-370E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
798:LOAD GENE	Loads	0	-4.7E+3	0	371E+3	0	-69.3E+3
798:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-371E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
799:LOAD GENE	Loads	0	-4.7E+3	0	371E+3	0	-69.3E+3
799:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-371E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
800:LOAD GENE	Loads	0	-4.7E+3	0	371E+3	0	-69.3E+3
800:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-371E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
801:LOAD GENE	Loads	0	-4.7E+3	0	371E+3	0	-69.3E+3
801:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-371E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
802:LOAD GENE	Loads	0	-4.7E+3	0	372E+3	0	-69.3E+3
802:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-372E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
803:LOAD GENE	Loads	0	-4.7E+3	0	372E+3	0	-69.3E+3
803:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-372E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
804:LOAD GENE	Loads	0	-4.7E+3	0	372E+3	0	-69.3E+3
804:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-372E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
805:LOAD GENE	Loads	0	-4.7E+3	0	372E+3	0	-69.3E+3
805:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-372E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
806:LOAD GENE	Loads	0	-4.7E+3	0	373E+3	0	-69.3E+3
806:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-373E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
807:LOAD GENE	Loads	0	-4.7E+3	0	373E+3	0	-69.3E+3
807:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-373E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
808:LOAD GENE	Loads	0	-4.7E+3	0	373E+3	0	-69.3E+3
808:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-373E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
809:LOAD GENE	Loads	0	-4.7E+3	0	373E+3	0	-69.3E+3
809:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-373E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
810:LOAD GENE	Loads	0	-4.7E+3	0	374E+3	0	-69.3E+3
810:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-374E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
811:LOAD GENE	Loads	0	-4.7E+3	0	374E+3	0	-69.3E+3
811:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-374E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
812:LOAD GENE	Loads	0	-4.7E+3	0	374E+3	0	-69.3E+3
812:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-374E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
813:LOAD GENE	Loads	0	-4.7E+3	0	375E+3	0	-69.3E+3
813:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-375E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
814:LOAD GENE	Loads	0	-4.7E+3	0	375E+3	0	-69.3E+3
814:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-375E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
815:LOAD GENE	Loads	0	-4.7E+3	0	375E+3	0	-69.3E+3
815:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-375E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
816:LOAD GENE	Loads	0	-4.7E+3	0	375E+3	0	-69.3E+3
816:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-375E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
817:LOAD GENE	Loads	0	-4.7E+3	0	376E+3	0	-69.3E+3
817:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-376E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
818:LOAD GENE	Loads	0	-4.7E+3	0	376E+3	0	-69.3E+3
818:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-376E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
819:LOAD GENE	Loads	0	-4.7E+3	0	376E+3	0	-69.3E+3
819:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-376E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
820:LOAD GENE	Loads	0	-4.7E+3	0	376E+3	0	-69.3E+3
820:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-376E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
821:LOAD GENE	Loads	0	-4.7E+3	0	377E+3	0	-69.3E+3
821:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-377E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
822:LOAD GENE	Loads	0	-4.7E+3	0	377E+3	0	-69.3E+3
822:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-377E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
823:LOAD GENE	Loads	0	-4.7E+3	0	377E+3	0	-69.3E+3
823:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-377E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
824:LOAD GENE	Loads	0	-4.7E+3	0	377E+3	0	-69.3E+3
824:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-377E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
825:LOAD GENE	Loads	0	-4.7E+3	0	378E+3	0	-69.3E+3
825:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-378E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
826:LOAD GENE	Loads	0	-4.7E+3	0	378E+3	0	-69.3E+3
826:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-378E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
827:LOAD GENE	Loads	0	-4.7E+3	0	378E+3	0	-69.3E+3
827:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-378E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
828:LOAD GENE	Loads	0	-4.7E+3	0	378E+3	0	-69.3E+3
828:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-378E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
829:LOAD GENE	Loads	0	-4.7E+3	0	379E+3	0	-69.3E+3
829:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-379E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
830:LOAD GENE	Loads	0	-4.7E+3	0	379E+3	0	-69.3E+3
830:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-379E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
831:LOAD GENE	Loads	0	-4.7E+3	0	379E+3	0	-69.3E+3
831:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-379E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
832:LOAD GENE	Loads	0	-4.7E+3	0	379E+3	0	-69.3E+3
832:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-379E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
833:LOAD GENE	Loads	0	-4.7E+3	0	380E+3	0	-69.3E+3
833:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-380E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
834:LOAD GENE	Loads	0	-4.7E+3	0	380E+3	0	-69.3E+3
834:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-380E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
835:LOAD GENE	Loads	0	-4.7E+3	0	380E+3	0	-69.3E+3
835:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-380E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
836:LOAD GENE	Loads	0	-4.7E+3	0	380E+3	0	-69.3E+3
836:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-380E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
837:LOAD GENE	Loads	0	-4.7E+3	0	381E+3	0	-69.3E+3
837:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-381E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
838:LOAD GENE	Loads	0	-4.7E+3	0	381E+3	0	-69.3E+3
838:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-381E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
839:LOAD GENE	Loads	0	-4.7E+3	0	381E+3	0	-69.3E+3
839:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-381E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
840:LOAD GENE	Loads	0	-4.7E+3	0	381E+3	0	-69.3E+3
840:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-381E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
841:LOAD GENE	Loads	0	-4.7E+3	0	382E+3	0	-69.3E+3
841:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-382E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
842:LOAD GENE	Loads	0	-4.7E+3	0	382E+3	0	-69.3E+3
842:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-382E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
843:LOAD GENE	Loads	0	-4.7E+3	0	382E+3	0	-69.3E+3
843:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-382E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
844:LOAD GENE	Loads	0	-4.7E+3	0	382E+3	0	-69.3E+3
844:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-382E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
845:LOAD GENE	Loads	0	-4.7E+3	0	383E+3	0	-69.3E+3
845:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-383E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
846:LOAD GENE	Loads	0	-4.7E+3	0	383E+3	0	-69.3E+3
846:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-383E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
847:LOAD GENE	Loads	0	-4.7E+3	0	383E+3	0	-69.3E+3
847:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-383E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
848:LOAD GENE	Loads	0	-4.7E+3	0	383E+3	0	-69.3E+3
848:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-383E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
849:LOAD GENE	Loads	0	-4.7E+3	0	384E+3	0	-69.3E+3
849:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-384E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
850:LOAD GENE	Loads	0	-4.7E+3	0	384E+3	0	-69.3E+3
850:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-384E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
851:LOAD GENE	Loads	0	-4.7E+3	0	384E+3	0	-69.3E+3
851:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-384E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
852:LOAD GENE	Loads	0	-4.7E+3	0	384E+3	0	-69.3E+3
852:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-384E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
853:LOAD GENE	Loads	0	-4.7E+3	0	385E+3	0	-69.3E+3
853:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-385E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
854:LOAD GENE	Loads	0	-4.7E+3	0	385E+3	0	-69.3E+3
854:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-385E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
855:LOAD GENE	Loads	0	-4.7E+3	0	385E+3	0	-69.3E+3
855:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-385E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
856:LOAD GENE	Loads	0	-4.7E+3	0	386E+3	0	-69.3E+3
856:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-386E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
857:LOAD GENE	Loads	0	-4.7E+3	0	386E+3	0	-69.3E+3
857:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-386E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
858:LOAD GENE	Loads	0	-4.7E+3	0	386E+3	0	-69.3E+3
858:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-386E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
859:LOAD GENE	Loads	0	-4.7E+3	0	386E+3	0	-69.3E+3
859:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-386E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
860:LOAD GENE	Loads	0	-4.7E+3	0	387E+3	0	-69.3E+3
860:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-387E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
861:LOAD GENE	Loads	0	-4.7E+3	0	387E+3	0	-69.3E+3
861:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-387E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
862:LOAD GENE	Loads	0	-4.7E+3	0	387E+3	0	-69.3E+3
862:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-387E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
863:LOAD GENE	Loads	0	-4.7E+3	0	387E+3	0	-69.3E+3
863:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-387E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
864:LOAD GENE	Loads	0	-4.7E+3	0	388E+3	0	-69.3E+3
864:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-388E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
865:LOAD GENE	Loads	0	-4.7E+3	0	388E+3	0	-69.3E+3
865:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-388E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
866:LOAD GENE	Loads	0	-4.7E+3	0	388E+3	0	-69.3E+3
866:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-388E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
867:LOAD GENE	Loads	0	-4.7E+3	0	388E+3	0	-69.3E+3
867:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-388E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
868:LOAD GENE	Loads	0	-4.7E+3	0	389E+3	0	-69.3E+3
868:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-389E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
869:LOAD GENE	Loads	0	-4.7E+3	0	389E+3	0	-69.3E+3
869:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-389E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
870:LOAD GENE	Loads	0	-4.7E+3	0	389E+3	0	-69.3E+3
870:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-389E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
871:LOAD GENE	Loads	0	-4.7E+3	0	389E+3	0	-69.3E+3
871:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-389E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
872:LOAD GENE	Loads	0	-4.7E+3	0	390E+3	0	-69.3E+3
872:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-390E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
873:LOAD GENE	Loads	0	-4.7E+3	0	390E+3	0	-69.3E+3
873:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-390E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
874:LOAD GENE	Loads	0	-4.7E+3	0	390E+3	0	-69.3E+3
874:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-390E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
875:LOAD GENE	Loads	0	-4.7E+3	0	390E+3	0	-69.3E+3
875:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-390E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
876:LOAD GENE	Loads	0	-4.7E+3	0	391E+3	0	-69.3E+3
876:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-391E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
877:LOAD GENE	Loads	0	-4.7E+3	0	391E+3	0	-69.3E+3
877:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-391E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
878:LOAD GENE	Loads	0	-4.7E+3	0	391E+3	0	-69.3E+3
878:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-391E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
879:LOAD GENE	Loads	0	-4.7E+3	0	391E+3	0	-69.3E+3
879:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-391E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
880:LOAD GENE	Loads	0	-4.7E+3	0	392E+3	0	-69.3E+3
880:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-392E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
881:LOAD GENE	Loads	0	-4.7E+3	0	392E+3	0	-69.3E+3
881:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-392E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
882:LOAD GENE	Loads	0	-4.7E+3	0	392E+3	0	-69.3E+3
882:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-392E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
883:LOAD GENE	Loads	0	-4.7E+3	0	392E+3	0	-69.3E+3
883:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-392E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
884:LOAD GENE	Loads	0	-4.7E+3	0	393E+3	0	-69.3E+3
884:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-393E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
885:LOAD GENE	Loads	0	-4.7E+3	0	393E+3	0	-69.3E+3
885:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-393E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
886:LOAD GENE	Loads	0	-4.7E+3	0	393E+3	0	-69.3E+3
886:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-393E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
887:LOAD GENE	Loads	0	-4.7E+3	0	393E+3	0	-69.3E+3
887:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-393E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
888:LOAD GENE	Loads	0	-4.7E+3	0	394E+3	0	-69.3E+3
888:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-394E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
889:LOAD GENE	Loads	0	-4.7E+3	0	394E+3	0	-69.3E+3
889:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-394E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
890:LOAD GENE	Loads	0	-4.7E+3	0	394E+3	0	-69.3E+3
890:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-394E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

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Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
891:LOAD GENE	Loads	0	-4.7E+3	0	394E+3	0	-69.3E+3
891:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-394E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
892:LOAD GENE	Loads	0	-4.7E+3	0	395E+3	0	-69.3E+3
892:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-395E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
893:LOAD GENE	Loads	0	-4.7E+3	0	395E+3	0	-69.3E+3
893:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-395E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
894:LOAD GENE	Loads	0	-4.7E+3	0	395E+3	0	-69.3E+3
894:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-395E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
895:LOAD GENE	Loads	0	-4.7E+3	0	396E+3	0	-69.3E+3
895:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-396E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
896:LOAD GENE	Loads	0	-4.7E+3	0	396E+3	0	-69.3E+3
896:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-396E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
897:LOAD GENE	Loads	0	-4.7E+3	0	396E+3	0	-69.3E+3
897:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-396E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
898:LOAD GENE	Loads	0	-4.7E+3	0	396E+3	0	-69.3E+3
898:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-396E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
899:LOAD GENE	Loads	0	-4.7E+3	0	397E+3	0	-69.3E+3
899:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-397E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
900:LOAD GENE	Loads	0	-4.7E+3	0	397E+3	0	-69.3E+3
900:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-397E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
901:LOAD GENE	Loads	0	-4.7E+3	0	397E+3	0	-69.3E+3
901:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-397E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
902:LOAD GENE	Loads	0	-4.7E+3	0	397E+3	0	-69.3E+3
902:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-397E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
903:LOAD GENE	Loads	0	-4.7E+3	0	398E+3	0	-69.3E+3
903:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-398E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
904:LOAD GENE	Loads	0	-4.7E+3	0	398E+3	0	-69.3E+3
904:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-398E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
905:LOAD GENE	Loads	0	-4.7E+3	0	398E+3	0	-69.3E+3
905:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-398E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
906:LOAD GENE	Loads	0	-4.7E+3	0	398E+3	0	-69.3E+3
906:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-398E+3	0.00000	69.3E+3



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Job No

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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
907:LOAD GENE	Loads	0	-4.7E+3	0	399E+3	0	-69.3E+3
907:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-399E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
908:LOAD GENE	Loads	0	-4.7E+3	0	399E+3	0	-69.3E+3
908:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-399E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
909:LOAD GENE	Loads	0	-4.7E+3	0	399E+3	0	-69.3E+3
909:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-399E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
910:LOAD GENE	Loads	0	-4.7E+3	0	399E+3	0	-69.3E+3
910:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-399E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
911:LOAD GENE	Loads	0	-4.7E+3	0	400E+3	0	-69.3E+3
911:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-400E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
912:LOAD GENE	Loads	0	-4.7E+3	0	400E+3	0	-69.3E+3
912:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-400E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
913:LOAD GENE	Loads	0	-4.7E+3	0	400E+3	0	-69.3E+3
913:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-400E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
914:LOAD GENE	Loads	0	-4.7E+3	0	400E+3	0	-69.3E+3
914:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-400E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
915:LOAD GENE	Loads	0	-4.7E+3	0	401E+3	0	-69.3E+3
915:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-401E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
916:LOAD GENE	Loads	0	-4.7E+3	0	401E+3	0	-69.3E+3
916:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-401E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
917:LOAD GENE	Loads	0	-4.7E+3	0	401E+3	0	-69.3E+3
917:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-401E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
918:LOAD GENE	Loads	0	-4.7E+3	0	401E+3	0	-69.3E+3
918:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-401E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
919:LOAD GENE	Loads	0	-4.7E+3	0	402E+3	0	-69.3E+3
919:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-402E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
920:LOAD GENE	Loads	0	-4.7E+3	0	402E+3	0	-69.3E+3
920:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-402E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
921:LOAD GENE	Loads	0	-4.7E+3	0	402E+3	0	-69.3E+3
921:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-402E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
922:LOAD GENE	Loads	0	-4.7E+3	0	402E+3	0	-69.3E+3
922:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-402E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
923:LOAD GENE	Loads	0	-4.7E+3	0	403E+3	0	-69.3E+3
923:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-403E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
924:LOAD GENE	Loads	0	-4.7E+3	0	403E+3	0	-69.3E+3
924:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-403E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
925:LOAD GENE	Loads	0	-4.7E+3	0	403E+3	0	-69.3E+3
925:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-403E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
926:LOAD GENE	Loads	0	-4.7E+3	0	403E+3	0	-69.3E+3
926:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-403E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
927:LOAD GENE	Loads	0	-4.7E+3	0	404E+3	0	-69.3E+3
927:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-404E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
928:LOAD GENE	Loads	0	-4.7E+3	0	404E+3	0	-69.3E+3
928:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-404E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
929:LOAD GENE	Loads	0	-4.7E+3	0	404E+3	0	-69.3E+3
929:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-404E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
930:LOAD GENE	Loads	0	-4.7E+3	0	404E+3	0	-69.3E+3
930:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-404E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
931:LOAD GENE	Loads	0	-4.7E+3	0	405E+3	0	-69.3E+3
931:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-405E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
932:LOAD GENE	Loads	0	-4.7E+3	0	405E+3	0	-69.3E+3
932:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-405E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
933:LOAD GENE	Loads	0	-4.7E+3	0	405E+3	0	-69.3E+3
933:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-405E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
934:LOAD GENE	Loads	0	-4.7E+3	0	405E+3	0	-69.3E+3
934:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-405E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
935:LOAD GENE	Loads	0	-4.7E+3	0	406E+3	0	-69.3E+3
935:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-406E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
936:LOAD GENE	Loads	0	-4.7E+3	0	406E+3	0	-69.3E+3
936:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-406E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
937:LOAD GENE	Loads	0	-4.7E+3	0	406E+3	0	-69.3E+3
937:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-406E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
938:LOAD GENE	Loads	0	-4.7E+3	0	407E+3	0	-69.3E+3
938:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-407E+3	0.00000	69.3E+3



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Sheet No

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Rev

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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
939:LOAD GENE	Loads	0	-4.7E+3	0	407E+3	0	-69.3E+3
939:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-407E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
940:LOAD GENE	Loads	0	-4.7E+3	0	407E+3	0	-69.3E+3
940:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-407E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
941:LOAD GENE	Loads	0	-4.7E+3	0	407E+3	0	-69.3E+3
941:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-407E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
942:LOAD GENE	Loads	0	-4.7E+3	0	408E+3	0	-69.3E+3
942:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-408E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
943:LOAD GENE	Loads	0	-4.7E+3	0	408E+3	0	-69.3E+3
943:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-408E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
944:LOAD GENE	Loads	0	-4.7E+3	0	408E+3	0	-69.3E+3
944:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-408E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
945:LOAD GENE	Loads	0	-4.7E+3	0	408E+3	0	-69.3E+3
945:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-408E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
946:LOAD GENE	Loads	0	-4.7E+3	0	409E+3	0	-69.3E+3
946:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-409E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
947:LOAD GENE	Loads	0	-4.7E+3	0	409E+3	0	-69.3E+3
947:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-409E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
948:LOAD GENE	Loads	0	-4.7E+3	0	409E+3	0	-69.3E+3
948:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-409E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
949:LOAD GENE	Loads	0	-4.7E+3	0	409E+3	0	-69.3E+3
949:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-409E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
950:LOAD GENE	Loads	0	-4.7E+3	0	410E+3	0	-69.3E+3
950:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-410E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
951:LOAD GENE	Loads	0	-4.7E+3	0	410E+3	0	-69.3E+3
951:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-410E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
952:LOAD GENE	Loads	0	-4.7E+3	0	410E+3	0	-69.3E+3
952:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-410E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
953:LOAD GENE	Loads	0	-4.7E+3	0	410E+3	0	-69.3E+3
953:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-410E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
954:LOAD GENE	Loads	0	-4.7E+3	0	411E+3	0	-69.3E+3
954:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-411E+3	0.00000	69.3E+3



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Sheet No

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Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
955:LOAD GENE	Loads	0	-4.7E+3	0	411E+3	0	-69.3E+3
955:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-411E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
956:LOAD GENE	Loads	0	-4.7E+3	0	411E+3	0	-69.3E+3
956:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-411E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
957:LOAD GENE	Loads	0	-4.7E+3	0	411E+3	0	-69.3E+3
957:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-411E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
958:LOAD GENE	Loads	0	-4.7E+3	0	412E+3	0	-69.3E+3
958:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-412E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
959:LOAD GENE	Loads	0	-4.7E+3	0	412E+3	0	-69.3E+3
959:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-412E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
960:LOAD GENE	Loads	0	-4.7E+3	0	412E+3	0	-69.3E+3
960:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-412E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
961:LOAD GENE	Loads	0	-4.7E+3	0	412E+3	0	-69.3E+3
961:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-412E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
962:LOAD GENE	Loads	0	-4.7E+3	0	413E+3	0	-69.3E+3
962:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-413E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
963:LOAD GENE	Loads	0	-4.7E+3	0	413E+3	0	-69.3E+3
963:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-413E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
964:LOAD GENE	Loads	0	-4.7E+3	0	413E+3	0	-69.3E+3
964:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-413E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
965:LOAD GENE	Loads	0	-4.7E+3	0	413E+3	0	-69.3E+3
965:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-413E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
966:LOAD GENE	Loads	0	-4.7E+3	0	414E+3	0	-69.3E+3
966:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-414E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
967:LOAD GENE	Loads	0	-4.7E+3	0	414E+3	0	-69.3E+3
967:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-414E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
968:LOAD GENE	Loads	0	-4.7E+3	0	414E+3	0	-69.3E+3
968:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-414E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
969:LOAD GENE	Loads	0	-4.7E+3	0	414E+3	0	-69.3E+3
969:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-414E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
970:LOAD GENE	Loads	0	-4.7E+3	0	415E+3	0	-69.3E+3
970:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-415E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
971:LOAD GENE	Loads	0	-4.7E+3	0	415E+3	0	-69.3E+3
971:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-415E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
972:LOAD GENE	Loads	0	-4.7E+3	0	415E+3	0	-69.3E+3
972:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-415E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
973:LOAD GENE	Loads	0	-4.7E+3	0	415E+3	0	-69.3E+3
973:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-415E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
974:LOAD GENE	Loads	0	-4.7E+3	0	416E+3	0	-69.3E+3
974:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-416E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
975:LOAD GENE	Loads	0	-4.7E+3	0	416E+3	0	-69.3E+3
975:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-416E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
976:LOAD GENE	Loads	0	-4.7E+3	0	416E+3	0	-69.3E+3
976:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-416E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
977:LOAD GENE	Loads	0	-4.7E+3	0	416E+3	0	-69.3E+3
977:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-416E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
978:LOAD GENE	Loads	0	-4.7E+3	0	417E+3	0	-69.3E+3
978:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-417E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
979:LOAD GENE	Loads	0	-4.7E+3	0	417E+3	0	-69.3E+3
979:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-417E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
980:LOAD GENE	Loads	0	-4.7E+3	0	417E+3	0	-69.3E+3
980:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-417E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
981:LOAD GENE	Loads	0	-4.7E+3	0	418E+3	0	-69.3E+3
981:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-418E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
982:LOAD GENE	Loads	0	-4.7E+3	0	418E+3	0	-69.3E+3
982:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-418E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
983:LOAD GENE	Loads	0	-4.7E+3	0	418E+3	0	-69.3E+3
983:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-418E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
984:LOAD GENE	Loads	0	-4.7E+3	0	418E+3	0	-69.3E+3
984:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-418E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
985:LOAD GENE	Loads	0	-4.7E+3	0	419E+3	0	-69.3E+3
985:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-419E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
986:LOAD GENE	Loads	0	-4.7E+3	0	419E+3	0	-69.3E+3
986:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-419E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

Chd

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File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
987:LOAD GENE	Loads	0	-4.7E+3	0	419E+3	0	-69.3E+3
987:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-419E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
988:LOAD GENE	Loads	0	-4.7E+3	0	419E+3	0	-69.3E+3
988:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-419E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
989:LOAD GENE	Loads	0	-4.7E+3	0	420E+3	0	-69.3E+3
989:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-420E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
990:LOAD GENE	Loads	0	-4.7E+3	0	420E+3	0	-69.3E+3
990:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-420E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
991:LOAD GENE	Loads	0	-4.7E+3	0	420E+3	0	-69.3E+3
991:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-420E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
992:LOAD GENE	Loads	0	-4.7E+3	0	420E+3	0	-69.3E+3
992:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-420E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
993:LOAD GENE	Loads	0	-4.7E+3	0	421E+3	0	-69.3E+3
993:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-421E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
994:LOAD GENE	Loads	0	-4.7E+3	0	421E+3	0	-69.3E+3
994:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-421E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
995:LOAD GENE	Loads	0	-4.7E+3	0	421E+3	0	-69.3E+3
995:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-421E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
996:LOAD GENE	Loads	0	-4.7E+3	0	421E+3	0	-69.3E+3
996:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-421E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
997:LOAD GENE	Loads	0	-4.7E+3	0	422E+3	0	-69.3E+3
997:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-422E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
998:LOAD GENE	Loads	0	-4.7E+3	0	422E+3	0	-69.3E+3
998:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-422E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
999:LOAD GENE	Loads	0	-4.7E+3	0	422E+3	0	-69.3E+3
999:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-422E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1000:LOAD GENI	Loads	0	-4.7E+3	0	422E+3	0	-69.3E+3
1000:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-422E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1001:LOAD GENI	Loads	0	-4.7E+3	0	423E+3	0	-69.3E+3
1001:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-423E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1002:LOAD GENI	Loads	0	-4.7E+3	0	423E+3	0	-69.3E+3
1002:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-423E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1003:LOAD GENI	Loads	0	-4.7E+3	0	423E+3	0	-69.3E+3
1003:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-423E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1004:LOAD GENI	Loads	0	-4.7E+3	0	423E+3	0	-69.3E+3
1004:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-423E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1005:LOAD GENI	Loads	0	-4.7E+3	0	424E+3	0	-69.3E+3
1005:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-424E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1006:LOAD GENI	Loads	0	-4.7E+3	0	424E+3	0	-69.3E+3
1006:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-424E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1007:LOAD GENI	Loads	0	-4.7E+3	0	424E+3	0	-69.3E+3
1007:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-424E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1008:LOAD GENI	Loads	0	-4.7E+3	0	424E+3	0	-69.3E+3
1008:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-424E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1009:LOAD GENI	Loads	0	-4.7E+3	0	425E+3	0	-69.3E+3
1009:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-425E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1010:LOAD GENI	Loads	0	-4.7E+3	0	425E+3	0	-69.3E+3
1010:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-425E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1011:LOAD GENI	Loads	0	-4.7E+3	0	425E+3	0	-69.3E+3
1011:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-425E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1012:LOAD GENI	Loads	0	-4.7E+3	0	425E+3	0	-69.3E+3
1012:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-425E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1013:LOAD GENI	Loads	0	-4.7E+3	0	426E+3	0	-69.3E+3
1013:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-426E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1014:LOAD GENI	Loads	0	-4.7E+3	0	426E+3	0	-69.3E+3
1014:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-426E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1015:LOAD GENI	Loads	0	-4.7E+3	0	426E+3	0	-69.3E+3
1015:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-426E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1016:LOAD GENI	Loads	0	-4.7E+3	0	426E+3	0	-69.3E+3
1016:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-426E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1017:LOAD GENI	Loads	0	-4.7E+3	0	427E+3	0	-69.3E+3
1017:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-427E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1018:LOAD GENI	Loads	0	-4.7E+3	0	427E+3	0	-69.3E+3
1018:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-427E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

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Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1019:LOAD GENI	Loads	0	-4.7E+3	0	427E+3	0	-69.3E+3
1019:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-427E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1020:LOAD GENI	Loads	0	-4.7E+3	0	428E+3	0	-69.3E+3
1020:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-428E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1021:LOAD GENI	Loads	0	-4.7E+3	0	428E+3	0	-69.3E+3
1021:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-428E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1022:LOAD GENI	Loads	0	-4.7E+3	0	428E+3	0	-69.3E+3
1022:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-428E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1023:LOAD GENI	Loads	0	-4.7E+3	0	428E+3	0	-69.3E+3
1023:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-428E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1024:LOAD GENI	Loads	0	-4.7E+3	0	429E+3	0	-69.3E+3
1024:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-429E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1025:LOAD GENI	Loads	0	-4.7E+3	0	429E+3	0	-69.3E+3
1025:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-429E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1026:LOAD GENI	Loads	0	-4.7E+3	0	429E+3	0	-69.3E+3
1026:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-429E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1027:LOAD GENI	Loads	0	-4.7E+3	0	429E+3	0	-69.3E+3
1027:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-429E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1028:LOAD GENI	Loads	0	-4.7E+3	0	430E+3	0	-69.3E+3
1028:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-430E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1029:LOAD GENI	Loads	0	-4.7E+3	0	430E+3	0	-69.3E+3
1029:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-430E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1030:LOAD GENI	Loads	0	-4.7E+3	0	430E+3	0	-69.3E+3
1030:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-430E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1031:LOAD GENI	Loads	0	-4.7E+3	0	430E+3	0	-69.3E+3
1031:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-430E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1032:LOAD GENI	Loads	0	-4.7E+3	0	431E+3	0	-69.3E+3
1032:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-431E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1033:LOAD GENI	Loads	0	-4.7E+3	0	431E+3	0	-69.3E+3
1033:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-431E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1034:LOAD GENI	Loads	0	-4.7E+3	0	431E+3	0	-69.3E+3
1034:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-431E+3	0.00000	69.3E+3



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Date 20-Jun-26

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Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1035:LOAD GENI	Loads	0	-4.7E+3	0	431E+3	0	-69.3E+3
1035:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-431E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1036:LOAD GENI	Loads	0	-4.7E+3	0	432E+3	0	-69.3E+3
1036:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-432E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1037:LOAD GENI	Loads	0	-4.7E+3	0	432E+3	0	-69.3E+3
1037:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-432E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1038:LOAD GENI	Loads	0	-4.7E+3	0	432E+3	0	-69.3E+3
1038:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-432E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1039:LOAD GENI	Loads	0	-4.7E+3	0	432E+3	0	-69.3E+3
1039:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-432E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1040:LOAD GENI	Loads	0	-4.7E+3	0	433E+3	0	-69.3E+3
1040:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-433E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1041:LOAD GENI	Loads	0	-4.7E+3	0	433E+3	0	-69.3E+3
1041:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-433E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1042:LOAD GENI	Loads	0	-4.7E+3	0	433E+3	0	-69.3E+3
1042:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-433E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1043:LOAD GENI	Loads	0	-4.7E+3	0	433E+3	0	-69.3E+3
1043:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-433E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1044:LOAD GENI	Loads	0	-4.7E+3	0	434E+3	0	-69.3E+3
1044:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-434E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1045:LOAD GENI	Loads	0	-4.7E+3	0	434E+3	0	-69.3E+3
1045:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-434E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1046:LOAD GENI	Loads	0	-4.7E+3	0	434E+3	0	-69.3E+3
1046:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-434E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1047:LOAD GENI	Loads	0	-4.7E+3	0	434E+3	0	-69.3E+3
1047:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-434E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1048:LOAD GENI	Loads	0	-4.7E+3	0	435E+3	0	-69.3E+3
1048:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-435E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1049:LOAD GENI	Loads	0	-4.7E+3	0	435E+3	0	-69.3E+3
1049:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-435E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1050:LOAD GENI	Loads	0	-4.7E+3	0	435E+3	0	-69.3E+3
1050:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-435E+3	0.00000	69.3E+3



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Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1051:LOAD GENI	Loads	0	-4.7E+3	0	435E+3	0	-69.3E+3
1051:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-435E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1052:LOAD GENI	Loads	0	-4.7E+3	0	436E+3	0	-69.3E+3
1052:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-436E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1053:LOAD GENI	Loads	0	-4.7E+3	0	436E+3	0	-69.3E+3
1053:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-436E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1054:LOAD GENI	Loads	0	-4.7E+3	0	436E+3	0	-69.3E+3
1054:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-436E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1055:LOAD GENI	Loads	0	-4.7E+3	0	436E+3	0	-69.3E+3
1055:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-436E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1056:LOAD GENI	Loads	0	-4.7E+3	0	437E+3	0	-69.3E+3
1056:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-437E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1057:LOAD GENI	Loads	0	-4.7E+3	0	437E+3	0	-69.3E+3
1057:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-437E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1058:LOAD GENI	Loads	0	-4.7E+3	0	437E+3	0	-69.3E+3
1058:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-437E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1059:LOAD GENI	Loads	0	-4.7E+3	0	437E+3	0	-69.3E+3
1059:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-437E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1060:LOAD GENI	Loads	0	-4.7E+3	0	438E+3	0	-69.3E+3
1060:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-438E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1061:LOAD GENI	Loads	0	-4.7E+3	0	438E+3	0	-69.3E+3
1061:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-438E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1062:LOAD GENI	Loads	0	-4.7E+3	0	438E+3	0	-69.3E+3
1062:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-438E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1063:LOAD GENI	Loads	0	-4.7E+3	0	439E+3	0	-69.3E+3
1063:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-439E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1064:LOAD GENI	Loads	0	-4.7E+3	0	439E+3	0	-69.3E+3
1064:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-439E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1065:LOAD GENI	Loads	0	-4.7E+3	0	439E+3	0	-69.3E+3
1065:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-439E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1066:LOAD GENI	Loads	0	-4.7E+3	0	439E+3	0	-69.3E+3
1066:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-439E+3	0.00000	69.3E+3



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Date 20-Jun-26

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Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1067:LOAD GENI	Loads	0	-4.7E+3	0	440E+3	0	-69.3E+3
1067:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-440E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1068:LOAD GENI	Loads	0	-4.7E+3	0	440E+3	0	-69.3E+3
1068:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-440E+3	1.04e-09	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	1.04e-09	-0.00000
1069:LOAD GENI	Loads	0	-4.7E+3	0	440E+3	0	-69.3E+3
1069:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-440E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1070:LOAD GENI	Loads	0	-4.7E+3	0	440E+3	0	-69.3E+3
1070:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-440E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1071:LOAD GENI	Loads	0	-4.7E+3	0	441E+3	0	-69.3E+3
1071:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-441E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1072:LOAD GENI	Loads	0	-4.7E+3	0	441E+3	0	-69.3E+3
1072:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-441E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1073:LOAD GENI	Loads	0	-4.7E+3	0	441E+3	0	-69.3E+3
1073:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-441E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1074:LOAD GENI	Loads	0	-4.7E+3	0	441E+3	0	-69.3E+3
1074:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-441E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1075:LOAD GENI	Loads	0	-4.7E+3	0	442E+3	0	-69.3E+3
1075:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-442E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1076:LOAD GENI	Loads	0	-4.7E+3	0	442E+3	0	-69.3E+3
1076:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-442E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1077:LOAD GENI	Loads	0	-4.7E+3	0	442E+3	0	-69.3E+3
1077:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-442E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1078:LOAD GENI	Loads	0	-4.7E+3	0	442E+3	0	-69.3E+3
1078:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-442E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1079:LOAD GENI	Loads	0	-4.7E+3	0	443E+3	0	-69.3E+3
1079:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-443E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1080:LOAD GENI	Loads	0	-4.7E+3	0	443E+3	0	-69.3E+3
1080:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-443E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1081:LOAD GENI	Loads	0	-4.7E+3	0	443E+3	0	-69.3E+3
1081:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-443E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1082:LOAD GENI	Loads	0	-4.7E+3	0	443E+3	0	-69.3E+3
1082:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-443E+3	0.00000	69.3E+3



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Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1083:LOAD GENI	Loads	0	-4.7E+3	0	444E+3	0	-69.3E+3
1083:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-444E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1084:LOAD GENI	Loads	0	-4.7E+3	0	444E+3	0	-69.3E+3
1084:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-444E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1085:LOAD GENI	Loads	0	-4.7E+3	0	444E+3	0	-69.3E+3
1085:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-444E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1086:LOAD GENI	Loads	0	-4.7E+3	0	444E+3	0	-69.3E+3
1086:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-444E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1087:LOAD GENI	Loads	0	-4.7E+3	0	445E+3	0	-69.3E+3
1087:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-445E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1088:LOAD GENI	Loads	0	-4.7E+3	0	445E+3	0	-69.3E+3
1088:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-445E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1089:LOAD GENI	Loads	0	-4.7E+3	0	445E+3	0	-69.3E+3
1089:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-445E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1090:LOAD GENI	Loads	0	-4.7E+3	0	445E+3	0	-69.3E+3
1090:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-445E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1091:LOAD GENI	Loads	0	-4.7E+3	0	446E+3	0	-69.3E+3
1091:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-446E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1092:LOAD GENI	Loads	0	-4.7E+3	0	446E+3	0	-69.3E+3
1092:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-446E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1093:LOAD GENI	Loads	0	-4.7E+3	0	446E+3	0	-69.3E+3
1093:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-446E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1094:LOAD GENI	Loads	0	-4.7E+3	0	446E+3	0	-69.3E+3
1094:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-446E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1095:LOAD GENI	Loads	0	-4.7E+3	0	447E+3	0	-69.3E+3
1095:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-447E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1096:LOAD GENI	Loads	0	-4.7E+3	0	447E+3	0	-69.3E+3
1096:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-447E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1097:LOAD GENI	Loads	0	-4.7E+3	0	447E+3	0	-69.3E+3
1097:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-447E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1098:LOAD GENI	Loads	0	-4.7E+3	0	447E+3	0	-69.3E+3
1098:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-447E+3	0.00000	69.3E+3



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By ANJANA

Date 20-Jun-26

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File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1099:LOAD GENI	Loads	0	-4.7E+3	0	448E+3	0	-69.3E+3
1099:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-448E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1100:LOAD GENI	Loads	0	-4.7E+3	0	448E+3	0	-69.3E+3
1100:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-448E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1101:LOAD GENI	Loads	0	-4.7E+3	0	448E+3	0	-69.3E+3
1101:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-448E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1102:LOAD GENI	Loads	0	-4.7E+3	0	448E+3	0	-69.3E+3
1102:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-448E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1103:LOAD GENI	Loads	0	-4.7E+3	0	449E+3	0	-69.3E+3
1103:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-449E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1104:LOAD GENI	Loads	0	-4.7E+3	0	449E+3	0	-69.3E+3
1104:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-449E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1105:LOAD GENI	Loads	0	-4.7E+3	0	449E+3	0	-69.3E+3
1105:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-449E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1106:LOAD GENI	Loads	0	-4.7E+3	0	450E+3	0	-69.3E+3
1106:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-450E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1107:LOAD GENI	Loads	0	-4.7E+3	0	450E+3	0	-69.3E+3
1107:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-450E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1108:LOAD GENI	Loads	0	-4.7E+3	0	450E+3	0	-69.3E+3
1108:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-450E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1109:LOAD GENI	Loads	0	-4.7E+3	0	450E+3	0	-69.3E+3
1109:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-450E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1110:LOAD GENI	Loads	0	-4.7E+3	0	451E+3	0	-69.3E+3
1110:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-451E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1111:LOAD GENE	Loads	0	-4.7E+3	0	451E+3	0	-69.3E+3
1111:LOAD GENE	Reactions	-0.00000	4.7E+3	-0.00000	-451E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1112:LOAD GENI	Loads	0	-4.7E+3	0	451E+3	0	-69.3E+3
1112:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-451E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1113:LOAD GENI	Loads	0	-4.7E+3	0	451E+3	0	-69.3E+3
1113:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-451E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1114:LOAD GENI	Loads	0	-4.7E+3	0	452E+3	0	-69.3E+3
1114:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-452E+3	0.00000	69.3E+3



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Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1115:LOAD GENI	Loads	0	-4.7E+3	0	452E+3	0	-69.3E+3
1115:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-452E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1116:LOAD GENI	Loads	0	-4.7E+3	0	452E+3	0	-69.3E+3
1116:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-452E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1117:LOAD GENI	Loads	0	-4.7E+3	0	452E+3	0	-69.3E+3
1117:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-452E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1118:LOAD GENI	Loads	0	-4.7E+3	0	453E+3	0	-69.3E+3
1118:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-453E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1119:LOAD GENI	Loads	0	-4.7E+3	0	453E+3	0	-69.3E+3
1119:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-453E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1120:LOAD GENI	Loads	0	-4.7E+3	0	453E+3	0	-69.3E+3
1120:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-453E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1121:LOAD GENI	Loads	0	-4.7E+3	0	453E+3	0	-69.3E+3
1121:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-453E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1122:LOAD GENI	Loads	0	-4.7E+3	0	454E+3	0	-69.3E+3
1122:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-454E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1123:LOAD GENI	Loads	0	-4.7E+3	0	454E+3	0	-69.3E+3
1123:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-454E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1124:LOAD GENI	Loads	0	-4.7E+3	0	454E+3	0	-69.3E+3
1124:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-454E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1125:LOAD GENI	Loads	0	-4.7E+3	0	454E+3	0	-69.3E+3
1125:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-454E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1126:LOAD GENI	Loads	0	-4.7E+3	0	455E+3	0	-69.3E+3
1126:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-455E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1127:LOAD GENI	Loads	0	-4.7E+3	0	455E+3	0	-69.3E+3
1127:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-455E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1128:LOAD GENI	Loads	0	-4.7E+3	0	455E+3	0	-69.3E+3
1128:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-455E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1129:LOAD GENI	Loads	0	-4.7E+3	0	455E+3	0	-69.3E+3
1129:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-455E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1130:LOAD GENI	Loads	0	-4.7E+3	0	456E+3	0	-69.3E+3
1130:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-456E+3	0.00000	69.3E+3



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By ANJANA

Date 20-Jun-26

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Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1131:LOAD GENI	Loads	0	-4.7E+3	0	456E+3	0	-69.3E+3
1131:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-456E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1132:LOAD GENI	Loads	0	-4.7E+3	0	456E+3	0	-69.3E+3
1132:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-456E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1133:LOAD GENI	Loads	0	-4.7E+3	0	456E+3	0	-69.3E+3
1133:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-456E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1134:LOAD GENI	Loads	0	-4.7E+3	0	457E+3	0	-69.3E+3
1134:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-457E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
1135:LOAD GENI	Loads	0	-4.7E+3	0	457E+3	0	-69.3E+3
1135:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-457E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1136:LOAD GENI	Loads	0	-4.7E+3	0	457E+3	0	-69.3E+3
1136:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-457E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1137:LOAD GENI	Loads	0	-4.7E+3	0	457E+3	0	-69.3E+3
1137:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-457E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1138:LOAD GENI	Loads	0	-4.7E+3	0	458E+3	0	-69.3E+3
1138:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-458E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1139:LOAD GENI	Loads	0	-4.7E+3	0	458E+3	0	-69.3E+3
1139:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-458E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1140:LOAD GENI	Loads	0	-4.7E+3	0	458E+3	0	-69.3E+3
1140:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-458E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1141:LOAD GENI	Loads	0	-4.7E+3	0	458E+3	0	-69.3E+3
1141:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-458E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1142:LOAD GENI	Loads	0	-4.7E+3	0	459E+3	0	-69.3E+3
1142:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-459E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1143:LOAD GENI	Loads	0	-4.7E+3	0	459E+3	0	-69.3E+3
1143:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-459E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1144:LOAD GENI	Loads	0	-4.7E+3	0	459E+3	0	-69.3E+3
1144:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-459E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1145:LOAD GENI	Loads	0	-4.7E+3	0	460E+3	0	-69.3E+3
1145:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-460E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1146:LOAD GENI	Loads	0	-4.7E+3	0	460E+3	0	-69.3E+3
1146:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-460E+3	0.00000	69.3E+3



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By ANJANA

Date 20-Jun-26

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Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1147:LOAD GENI	Loads	0	-4.7E+3	0	460E+3	0	-69.3E+3
1147:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-460E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1148:LOAD GENI	Loads	0	-4.7E+3	0	460E+3	0	-69.3E+3
1148:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-460E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1149:LOAD GENI	Loads	0	-4.7E+3	0	461E+3	0	-69.3E+3
1149:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-461E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1150:LOAD GENI	Loads	0	-4.7E+3	0	461E+3	0	-69.3E+3
1150:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-461E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1151:LOAD GENI	Loads	0	-4.7E+3	0	461E+3	0	-69.3E+3
1151:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-461E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1152:LOAD GENI	Loads	0	-4.7E+3	0	461E+3	0	-69.3E+3
1152:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-461E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
1153:LOAD GENI	Loads	0	-4.7E+3	0	462E+3	0	-69.3E+3
1153:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-462E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1154:LOAD GENI	Loads	0	-4.7E+3	0	462E+3	0	-69.3E+3
1154:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-462E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1155:LOAD GENI	Loads	0	-4.7E+3	0	462E+3	0	-69.3E+3
1155:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-462E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
1156:LOAD GENI	Loads	0	-4.7E+3	0	462E+3	0	-69.3E+3
1156:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-462E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1157:LOAD GENI	Loads	0	-4.7E+3	0	463E+3	0	-69.3E+3
1157:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-463E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
1158:LOAD GENI	Loads	0	-4.7E+3	0	463E+3	0	-69.3E+3
1158:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-463E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1159:LOAD GENI	Loads	0	-4.7E+3	0	463E+3	0	-69.3E+3
1159:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-463E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1160:LOAD GENI	Loads	0	-4.7E+3	0	463E+3	0	-69.3E+3
1160:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-463E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
1161:LOAD GENI	Loads	0	-4.7E+3	0	464E+3	0	-69.3E+3
1161:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-464E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1162:LOAD GENI	Loads	0	-4.7E+3	0	464E+3	0	-69.3E+3
1162:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-464E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

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By ANJANA

Date 20-Jun-26

Chd

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File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1163:LOAD GENI	Loads	0	-4.7E+3	0	464E+3	0	-69.3E+3
1163:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-464E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1164:LOAD GENI	Loads	0	-4.7E+3	0	464E+3	0	-69.3E+3
1164:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-464E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1165:LOAD GENI	Loads	0	-4.7E+3	0	465E+3	0	-69.3E+3
1165:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-465E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1166:LOAD GENI	Loads	0	-4.7E+3	0	465E+3	0	-69.3E+3
1166:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-465E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1167:LOAD GENI	Loads	0	-4.7E+3	0	465E+3	0	-69.3E+3
1167:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-465E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1168:LOAD GENI	Loads	0	-4.7E+3	0	465E+3	0	-69.3E+3
1168:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-465E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
1169:LOAD GENI	Loads	0	-4.7E+3	0	466E+3	0	-69.3E+3
1169:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-466E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
1170:LOAD GENI	Loads	0	-4.7E+3	0	466E+3	0	-69.3E+3
1170:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-466E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1171:LOAD GENI	Loads	0	-4.7E+3	0	466E+3	0	-69.3E+3
1171:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-466E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1172:LOAD GENI	Loads	0	-4.7E+3	0	466E+3	0	-69.3E+3
1172:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-466E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1173:LOAD GENI	Loads	0	-4.7E+3	0	467E+3	0	-69.3E+3
1173:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-467E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1174:LOAD GENI	Loads	0	-4.7E+3	0	467E+3	0	-69.3E+3
1174:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-467E+3	0.00000	69.3E+3
	Difference	-0.00000	0	-0.00000	-0.00000	0.00000	-0.00000
1175:LOAD GENI	Loads	0	-4.7E+3	0	467E+3	0	-69.3E+3
1175:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-467E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1176:LOAD GENI	Loads	0	-4.7E+3	0	467E+3	0	-69.3E+3
1176:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-467E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1177:LOAD GENI	Loads	0	-4.7E+3	0	468E+3	0	-69.3E+3
1177:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-468E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1178:LOAD GENI	Loads	0	-4.7E+3	0	468E+3	0	-69.3E+3
1178:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-468E+3	0.00000	69.3E+3



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By ANJANA

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Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1179:LOAD GENI	Loads	0	-4.7E+3	0	468E+3	0	-69.3E+3
1179:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-468E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1180:LOAD GENI	Loads	0	-4.7E+3	0	468E+3	0	-69.3E+3
1180:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-468E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1181:LOAD GENI	Loads	0	-4.7E+3	0	469E+3	0	-69.3E+3
1181:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-469E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1182:LOAD GENI	Loads	0	-4.7E+3	0	469E+3	0	-69.3E+3
1182:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-469E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1183:LOAD GENI	Loads	0	-4.7E+3	0	469E+3	0	-69.3E+3
1183:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-469E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1184:LOAD GENI	Loads	0	-4.7E+3	0	469E+3	0	-69.3E+3
1184:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-469E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1185:LOAD GENI	Loads	0	-4.7E+3	0	470E+3	0	-69.3E+3
1185:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-470E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1186:LOAD GENI	Loads	0	-4.7E+3	0	470E+3	0	-69.3E+3
1186:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-470E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1187:LOAD GENI	Loads	0	-4.7E+3	0	470E+3	0	-69.3E+3
1187:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-470E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1188:LOAD GENI	Loads	0	-4.7E+3	0	471E+3	0	-69.3E+3
1188:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-471E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1189:LOAD GENI	Loads	0	-4.7E+3	0	471E+3	0	-69.3E+3
1189:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-471E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1190:LOAD GENI	Loads	0	-4.7E+3	0	471E+3	0	-69.3E+3
1190:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-471E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1191:LOAD GENI	Loads	0	-4.7E+3	0	471E+3	0	-69.3E+3
1191:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-471E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1192:LOAD GENI	Loads	0	-4.7E+3	0	472E+3	0	-69.3E+3
1192:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-472E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1193:LOAD GENI	Loads	0	-4.7E+3	0	472E+3	0	-69.3E+3
1193:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-472E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1194:LOAD GENI	Loads	0	-4.7E+3	0	472E+3	0	-69.3E+3
1194:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-472E+3	0.00000	69.3E+3



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By ANJANA

Date 20-Jun-26

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File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1195:LOAD GENI	Loads	0	-4.7E+3	0	472E+3	0	-69.3E+3
1195:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-472E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1196:LOAD GENI	Loads	0	-4.7E+3	0	473E+3	0	-69.3E+3
1196:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-473E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1197:LOAD GENI	Loads	0	-4.7E+3	0	473E+3	0	-69.3E+3
1197:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-473E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1198:LOAD GENI	Loads	0	-4.7E+3	0	473E+3	0	-69.3E+3
1198:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-473E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1199:LOAD GENI	Loads	0	-4.7E+3	0	473E+3	0	-69.3E+3
1199:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-473E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1200:LOAD GENI	Loads	0	-4.7E+3	0	474E+3	0	-69.3E+3
1200:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-474E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1201:LOAD GENI	Loads	0	-4.7E+3	0	474E+3	0	-69.3E+3
1201:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-474E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1202:LOAD GENI	Loads	0	-4.7E+3	0	474E+3	0	-69.3E+3
1202:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-474E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1203:LOAD GENI	Loads	0	-4.7E+3	0	474E+3	0	-69.3E+3
1203:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-474E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1204:LOAD GENI	Loads	0	-4.7E+3	0	475E+3	0	-69.3E+3
1204:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-475E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1205:LOAD GENI	Loads	0	-4.7E+3	0	475E+3	0	-69.3E+3
1205:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-475E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1206:LOAD GENI	Loads	0	-4.7E+3	0	475E+3	0	-69.3E+3
1206:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-475E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1207:LOAD GENI	Loads	0	-4.7E+3	0	475E+3	0	-69.3E+3
1207:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-475E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1208:LOAD GENI	Loads	0	-4.7E+3	0	476E+3	0	-69.3E+3
1208:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-476E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1209:LOAD GENI	Loads	0	-4.7E+3	0	476E+3	0	-69.3E+3
1209:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-476E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1210:LOAD GENI	Loads	0	-4.7E+3	0	476E+3	0	-69.3E+3
1210:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-476E+3	0.00000	69.3E+3



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By ANJANA

Date 20-Jun-26

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File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1211:LOAD GENI	Loads	0	-4.7E+3	0	476E+3	0	-69.3E+3
1211:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-476E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1212:LOAD GENI	Loads	0	-4.7E+3	0	477E+3	0	-69.3E+3
1212:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-477E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1213:LOAD GENI	Loads	0	-4.7E+3	0	477E+3	0	-69.3E+3
1213:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-477E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1214:LOAD GENI	Loads	0	-4.7E+3	0	477E+3	0	-69.3E+3
1214:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-477E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1215:LOAD GENI	Loads	0	-4.7E+3	0	477E+3	0	-69.3E+3
1215:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-477E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1216:LOAD GENI	Loads	0	-4.7E+3	0	478E+3	0	-69.3E+3
1216:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-478E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1217:LOAD GENI	Loads	0	-4.7E+3	0	478E+3	0	-69.3E+3
1217:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-478E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1218:LOAD GENI	Loads	0	-4.7E+3	0	478E+3	0	-69.3E+3
1218:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-478E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1219:LOAD GENI	Loads	0	-4.7E+3	0	478E+3	0	-69.3E+3
1219:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-478E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1220:LOAD GENI	Loads	0	-4.7E+3	0	479E+3	0	-69.3E+3
1220:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-479E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1221:LOAD GENI	Loads	0	-4.7E+3	0	479E+3	0	-69.3E+3
1221:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-479E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1222:LOAD GENI	Loads	0	-4.7E+3	0	479E+3	0	-69.3E+3
1222:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-479E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1223:LOAD GENI	Loads	0	-4.7E+3	0	479E+3	0	-69.3E+3
1223:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-479E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1224:LOAD GENI	Loads	0	-4.7E+3	0	480E+3	0	-69.3E+3
1224:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-480E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1225:LOAD GENI	Loads	0	-4.7E+3	0	480E+3	0	-69.3E+3
1225:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-480E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1226:LOAD GENI	Loads	0	-4.7E+3	0	480E+3	0	-69.3E+3
1226:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-480E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1227:LOAD GENI	Loads	0	-4.7E+3	0	480E+3	0	-69.3E+3
1227:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-480E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1228:LOAD GENI	Loads	0	-4.7E+3	0	481E+3	0	-69.3E+3
1228:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-481E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1229:LOAD GENI	Loads	0	-4.7E+3	0	481E+3	0	-69.3E+3
1229:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-481E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1230:LOAD GENI	Loads	0	-4.7E+3	0	481E+3	0	-69.3E+3
1230:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-481E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1231:LOAD GENI	Loads	0	-4.7E+3	0	482E+3	0	-69.3E+3
1231:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-482E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1232:LOAD GENI	Loads	0	-4.7E+3	0	482E+3	0	-69.3E+3
1232:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-482E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1233:LOAD GENI	Loads	0	-4.7E+3	0	482E+3	0	-69.3E+3
1233:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-482E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1234:LOAD GENI	Loads	0	-4.7E+3	0	482E+3	0	-69.3E+3
1234:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-482E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1235:LOAD GENI	Loads	0	-4.7E+3	0	483E+3	0	-69.3E+3
1235:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-483E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1236:LOAD GENI	Loads	0	-4.7E+3	0	483E+3	0	-69.3E+3
1236:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-483E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1237:LOAD GENI	Loads	0	-4.7E+3	0	483E+3	0	-69.3E+3
1237:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-483E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1238:LOAD GENI	Loads	0	-4.7E+3	0	483E+3	0	-69.3E+3
1238:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-483E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1239:LOAD GENI	Loads	0	-4.7E+3	0	484E+3	0	-69.3E+3
1239:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-484E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1240:LOAD GENI	Loads	0	-4.7E+3	0	484E+3	0	-69.3E+3
1240:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-484E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1241:LOAD GENI	Loads	0	-4.7E+3	0	484E+3	0	-69.3E+3
1241:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-484E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1242:LOAD GENI	Loads	0	-4.7E+3	0	484E+3	0	-69.3E+3
1242:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-484E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1243:LOAD GENI	Loads	0	-4.7E+3	0	485E+3	0	-69.3E+3
1243:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-485E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1244:LOAD GENI	Loads	0	-4.7E+3	0	485E+3	0	-69.3E+3
1244:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-485E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1245:LOAD GENI	Loads	0	-4.7E+3	0	485E+3	0	-69.3E+3
1245:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-485E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1246:LOAD GENI	Loads	0	-4.7E+3	0	485E+3	0	-69.3E+3
1246:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-485E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1247:LOAD GENI	Loads	0	-4.7E+3	0	486E+3	0	-69.3E+3
1247:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-486E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1248:LOAD GENI	Loads	0	-4.7E+3	0	486E+3	0	-69.3E+3
1248:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-486E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1249:LOAD GENI	Loads	0	-4.7E+3	0	486E+3	0	-69.3E+3
1249:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-486E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1250:LOAD GENI	Loads	0	-4.7E+3	0	486E+3	0	-69.3E+3
1250:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-486E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1251:LOAD GENI	Loads	0	-4.7E+3	0	487E+3	0	-69.3E+3
1251:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-487E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1252:LOAD GENI	Loads	0	-4.7E+3	0	487E+3	0	-69.3E+3
1252:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-487E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1253:LOAD GENI	Loads	0	-4.7E+3	0	487E+3	0	-69.3E+3
1253:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-487E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1254:LOAD GENI	Loads	0	-4.7E+3	0	487E+3	0	-69.3E+3
1254:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-487E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1255:LOAD GENI	Loads	0	-4.7E+3	0	488E+3	0	-69.3E+3
1255:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-488E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1256:LOAD GENI	Loads	0	-4.7E+3	0	488E+3	0	-69.3E+3
1256:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-488E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1257:LOAD GENI	Loads	0	-4.7E+3	0	488E+3	0	-69.3E+3
1257:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-488E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1258:LOAD GENI	Loads	0	-4.7E+3	0	488E+3	0	-69.3E+3
1258:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-488E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1259:LOAD GENI	Loads	0	-4.7E+3	0	489E+3	0	-69.3E+3
1259:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-489E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1260:LOAD GENI	Loads	0	-4.7E+3	0	489E+3	0	-69.3E+3
1260:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-489E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1261:LOAD GENI	Loads	0	-4.7E+3	0	489E+3	0	-69.3E+3
1261:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-489E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1262:LOAD GENI	Loads	0	-4.7E+3	0	489E+3	0	-69.3E+3
1262:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-489E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1263:LOAD GENI	Loads	0	-4.7E+3	0	490E+3	0	-69.3E+3
1263:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-490E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1264:LOAD GENI	Loads	0	-4.7E+3	0	490E+3	0	-69.3E+3
1264:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-490E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1265:LOAD GENI	Loads	0	-4.7E+3	0	490E+3	0	-69.3E+3
1265:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-490E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1266:LOAD GENI	Loads	0	-4.7E+3	0	490E+3	0	-69.3E+3
1266:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-490E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1267:LOAD GENI	Loads	0	-4.7E+3	0	491E+3	0	-69.3E+3
1267:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-491E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1268:LOAD GENI	Loads	0	-4.7E+3	0	491E+3	0	-69.3E+3
1268:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-491E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1269:LOAD GENI	Loads	0	-4.7E+3	0	491E+3	0	-69.3E+3
1269:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-491E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1270:LOAD GENI	Loads	0	-4.7E+3	0	492E+3	0	-69.3E+3
1270:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-492E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1271:LOAD GENI	Loads	0	-4.7E+3	0	492E+3	0	-69.3E+3
1271:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-492E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1272:LOAD GENI	Loads	0	-4.7E+3	0	492E+3	0	-69.3E+3
1272:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-492E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1273:LOAD GENI	Loads	0	-4.7E+3	0	492E+3	0	-69.3E+3
1273:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-492E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1274:LOAD GENI	Loads	0	-4.7E+3	0	493E+3	0	-69.3E+3
1274:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-493E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

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Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1275:LOAD GENI	Loads	0	-4.7E+3	0	493E+3	0	-69.3E+3
1275:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-493E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1276:LOAD GENI	Loads	0	-4.7E+3	0	493E+3	0	-69.3E+3
1276:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-493E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1277:LOAD GENI	Loads	0	-4.7E+3	0	493E+3	0	-69.3E+3
1277:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-493E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1278:LOAD GENI	Loads	0	-4.7E+3	0	494E+3	0	-69.3E+3
1278:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-494E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1279:LOAD GENI	Loads	0	-4.7E+3	0	494E+3	0	-69.3E+3
1279:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-494E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1280:LOAD GENI	Loads	0	-4.7E+3	0	494E+3	0	-69.3E+3
1280:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-494E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1281:LOAD GENI	Loads	0	-4.7E+3	0	494E+3	0	-69.3E+3
1281:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-494E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1282:LOAD GENI	Loads	0	-4.7E+3	0	495E+3	0	-69.3E+3
1282:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-495E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1283:LOAD GENI	Loads	0	-4.7E+3	0	495E+3	0	-69.3E+3
1283:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-495E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1284:LOAD GENI	Loads	0	-4.7E+3	0	495E+3	0	-69.3E+3
1284:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-495E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1285:LOAD GENI	Loads	0	-4.7E+3	0	495E+3	0	-69.3E+3
1285:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-495E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1286:LOAD GENI	Loads	0	-4.7E+3	0	496E+3	0	-69.3E+3
1286:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-496E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1287:LOAD GENI	Loads	0	-4.7E+3	0	496E+3	0	-69.3E+3
1287:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-496E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1288:LOAD GENI	Loads	0	-4.7E+3	0	496E+3	0	-69.3E+3
1288:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-496E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1289:LOAD GENI	Loads	0	-4.7E+3	0	496E+3	0	-69.3E+3
1289:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-496E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1290:LOAD GENI	Loads	0	-4.7E+3	0	497E+3	0	-69.3E+3
1290:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-497E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1291:LOAD GENI	Loads	0	-4.7E+3	0	497E+3	0	-69.3E+3
1291:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-497E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1292:LOAD GENI	Loads	0	-4.7E+3	0	497E+3	0	-69.3E+3
1292:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-497E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1293:LOAD GENI	Loads	0	-4.7E+3	0	497E+3	0	-69.3E+3
1293:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-497E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1294:LOAD GENI	Loads	0	-4.7E+3	0	498E+3	0	-69.3E+3
1294:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-498E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1295:LOAD GENI	Loads	0	-4.7E+3	0	498E+3	0	-69.3E+3
1295:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-498E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1296:LOAD GENI	Loads	0	-4.7E+3	0	498E+3	0	-69.3E+3
1296:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-498E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1297:LOAD GENI	Loads	0	-4.7E+3	0	498E+3	0	-69.3E+3
1297:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-498E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1298:LOAD GENI	Loads	0	-4.7E+3	0	499E+3	0	-69.3E+3
1298:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-499E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1299:LOAD GENI	Loads	0	-4.7E+3	0	499E+3	0	-69.3E+3
1299:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-499E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1300:LOAD GENI	Loads	0	-4.7E+3	0	499E+3	0	-69.3E+3
1300:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-499E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1301:LOAD GENI	Loads	0	-4.7E+3	0	499E+3	0	-69.3E+3
1301:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-499E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1302:LOAD GENI	Loads	0	-4.7E+3	0	500E+3	0	-69.3E+3
1302:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-500E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1303:LOAD GENI	Loads	0	-4.7E+3	0	500E+3	0	-69.3E+3
1303:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-500E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1304:LOAD GENI	Loads	0	-4.7E+3	0	500E+3	0	-69.3E+3
1304:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-500E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1305:LOAD GENI	Loads	0	-4.7E+3	0	500E+3	0	-69.3E+3
1305:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-500E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1306:LOAD GENI	Loads	0	-4.7E+3	0	501E+3	0	-69.3E+3
1306:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-501E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1307:LOAD GENI	Loads	0	-4.7E+3	0	501E+3	0	-69.3E+3
1307:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-501E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1308:LOAD GENI	Loads	0	-4.7E+3	0	501E+3	0	-69.3E+3
1308:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-501E+3	0.00000	69.3E+3
	Difference	-0.00000	-0.00000	-0.00000	-0.00000	0.00000	-0.00000
1309:LOAD GENI	Loads	0	-4.7E+3	0	501E+3	0	-69.3E+3
1309:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-501E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1310:LOAD GENI	Loads	0	-4.7E+3	0	502E+3	0	-69.3E+3
1310:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-502E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1311:LOAD GENI	Loads	0	-4.7E+3	0	502E+3	0	-69.3E+3
1311:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-502E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1312:LOAD GENI	Loads	0	-4.7E+3	0	502E+3	0	-69.3E+3
1312:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-502E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1313:LOAD GENI	Loads	0	-4.7E+3	0	503E+3	0	-69.3E+3
1313:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-503E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1314:LOAD GENI	Loads	0	-4.7E+3	0	503E+3	0	-69.3E+3
1314:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-503E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1315:LOAD GENI	Loads	0	-4.7E+3	0	503E+3	0	-69.3E+3
1315:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-503E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1316:LOAD GENI	Loads	0	-4.7E+3	0	503E+3	0	-69.3E+3
1316:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-503E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1317:LOAD GENI	Loads	0	-4.7E+3	0	504E+3	0	-69.3E+3
1317:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-504E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1318:LOAD GENI	Loads	0	-4.7E+3	0	504E+3	0	-69.3E+3
1318:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-504E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1319:LOAD GENI	Loads	0	-4.7E+3	0	504E+3	0	-69.3E+3
1319:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-504E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1320:LOAD GENI	Loads	0	-4.7E+3	0	504E+3	0	-69.3E+3
1320:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-504E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1321:LOAD GENI	Loads	0	-4.7E+3	0	505E+3	0	-69.3E+3
1321:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-505E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1322:LOAD GENI	Loads	0	-4.7E+3	0	505E+3	0	-69.3E+3
1322:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-505E+3	0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1323:LOAD GENI	Loads	0	-4.7E+3	0	505E+3	0	-69.3E+3
1323:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-505E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1324:LOAD GENI	Loads	0	-4.7E+3	0	505E+3	0	-69.3E+3
1324:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-505E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1325:LOAD GENI	Loads	0	-4.7E+3	0	506E+3	0	-69.3E+3
1325:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-506E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1326:LOAD GENI	Loads	0	-4.7E+3	0	506E+3	0	-69.3E+3
1326:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-506E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1327:LOAD GENI	Loads	0	-4.7E+3	0	506E+3	0	-69.3E+3
1327:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-506E+3	0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	0.00000	-0.00000
1328:LOAD GENI	Loads	0	-4.7E+3	0	506E+3	0	-69.3E+3
1328:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-506E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1329:LOAD GENI	Loads	0	-4.7E+3	0	507E+3	0	-69.3E+3
1329:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-507E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1330:LOAD GENI	Loads	0	-4.7E+3	0	507E+3	0	-69.3E+3
1330:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-507E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1331:LOAD GENI	Loads	0	-4.7E+3	0	507E+3	0	-69.3E+3
1331:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-507E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1332:LOAD GENI	Loads	0	-4.7E+3	0	507E+3	0	-69.3E+3
1332:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-507E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1333:LOAD GENI	Loads	0	-4.7E+3	0	508E+3	0	-69.3E+3
1333:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-508E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1334:LOAD GENI	Loads	0	-4.7E+3	0	508E+3	0	-69.3E+3
1334:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-508E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1335:LOAD GENI	Loads	0	-4.7E+3	0	508E+3	0	-69.3E+3
1335:LOAD GENI	Reactions	-0.00000	4.7E+3	-0.00000	-508E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1336:LOAD GENI	Loads	0	-4.7E+3	0	508E+3	0	-69.3E+3
1336:LOAD GENI	Reactions	-0.00000	4.7E+3	0.00000	-508E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1337:LOAD GENI	Loads	0	-4.7E+3	0	509E+3	0	-69.3E+3
1337:LOAD GENI	Reactions	-0.00000	4.7E+3	0.00000	-509E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1338:LOAD GENI	Loads	0	-4.7E+3	0	509E+3	0	-69.3E+3
1338:LOAD GENI	Reactions	-0.00000	4.7E+3	0.00000	-509E+3	-0.00000	69.3E+3



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Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1339:LOAD GENI	Loads	0	-4.7E+3	0	509E+3	0	-69.3E+3
1339:LOAD GENI	Reactions	-0.00000	4.7E+3	0.00000	-509E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1340:LOAD GENI	Loads	0	-4.7E+3	0	509E+3	0	-69.3E+3
1340:LOAD GENI	Reactions	-0.00000	4.7E+3	0.00000	-509E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1341:LOAD GENI	Loads	0	-4.7E+3	0	510E+3	0	-69.3E+3
1341:LOAD GENI	Reactions	-0.00000	4.7E+3	0.00000	-510E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1342:LOAD GENI	Loads	0	-4.7E+3	0	510E+3	0	-69.3E+3
1342:LOAD GENI	Reactions	-0.00000	4.7E+3	0.00000	-510E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1343:LOAD GENI	Loads	0	-4.7E+3	0	510E+3	0	-69.3E+3
1343:LOAD GENI	Reactions	-0.00000	4.7E+3	0.00000	-510E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1344:LOAD GENI	Loads	0	-4.7E+3	0	510E+3	0	-69.3E+3
1344:LOAD GENI	Reactions	-0.00000	4.7E+3	0.00000	-510E+3	-0.00000	69.3E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1345:LOAD GENI	Loads	0	-4.38E+3	0	464E+3	0	-64.6E+3
1345:LOAD GENI	Reactions	-0.00000	4.38E+3	-0.00000	-464E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1346:LOAD GENI	Loads	0	-4.38E+3	0	465E+3	0	-64.6E+3
1346:LOAD GENI	Reactions	-0.00000	4.38E+3	-0.00000	-465E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1347:LOAD GENI	Loads	0	-4.38E+3	0	465E+3	0	-64.6E+3
1347:LOAD GENI	Reactions	-0.00000	4.38E+3	-0.00000	-465E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	-0.00000	-0.00000	-0.00000	-0.00000
1348:LOAD GENI	Loads	0	-4.38E+3	0	465E+3	0	-64.6E+3
1348:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-465E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1349:LOAD GENI	Loads	0	-4.38E+3	0	465E+3	0	-64.6E+3
1349:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-465E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1350:LOAD GENI	Loads	0	-4.38E+3	0	465E+3	0	-64.6E+3
1350:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-465E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1351:LOAD GENI	Loads	0	-4.38E+3	0	466E+3	0	-64.6E+3
1351:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-466E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1352:LOAD GENI	Loads	0	-4.38E+3	0	466E+3	0	-64.6E+3
1352:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-466E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1353:LOAD GENI	Loads	0	-4.38E+3	0	466E+3	0	-64.6E+3
1353:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-466E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1354:LOAD GENI	Loads	0	-4.38E+3	0	466E+3	0	-64.6E+3
1354:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-466E+3	-0.00000	64.6E+3



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Job No

1

Sheet No

149

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1355:LOAD GENI	Loads	0	-4.38E+3	0	467E+3	0	-64.6E+3
1355:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-467E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1356:LOAD GENI	Loads	0	-4.38E+3	0	467E+3	0	-64.6E+3
1356:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-467E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1357:LOAD GENI	Loads	0	-4.38E+3	0	467E+3	0	-64.6E+3
1357:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-467E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1358:LOAD GENI	Loads	0	-4.38E+3	0	467E+3	0	-64.6E+3
1358:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-467E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1359:LOAD GENI	Loads	0	-4.38E+3	0	467E+3	0	-64.6E+3
1359:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-467E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1360:LOAD GENI	Loads	0	-4.38E+3	0	468E+3	0	-64.6E+3
1360:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-468E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1361:LOAD GENI	Loads	0	-4.38E+3	0	468E+3	0	-64.6E+3
1361:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-468E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1362:LOAD GENI	Loads	0	-4.38E+3	0	468E+3	0	-64.6E+3
1362:LOAD GENI	Reactions	-0.00000	4.38E+3	0.00000	-468E+3	-0.00000	64.6E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1363:LOAD GENI	Loads	0	-4.06E+3	0	422E+3	0	-59.9E+3
1363:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-422E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1364:LOAD GENI	Loads	0	-4.06E+3	0	422E+3	0	-59.9E+3
1364:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-422E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1365:LOAD GENI	Loads	0	-4.06E+3	0	422E+3	0	-59.9E+3
1365:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-422E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1366:LOAD GENI	Loads	0	-4.06E+3	0	422E+3	0	-59.9E+3
1366:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-422E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1367:LOAD GENI	Loads	0	-4.06E+3	0	423E+3	0	-59.9E+3
1367:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-423E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1368:LOAD GENI	Loads	0	-4.06E+3	0	423E+3	0	-59.9E+3
1368:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-423E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1369:LOAD GENI	Loads	0	-4.06E+3	0	423E+3	0	-59.9E+3
1369:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-423E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1370:LOAD GENI	Loads	0	-4.06E+3	0	423E+3	0	-59.9E+3
1370:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-423E+3	-0.00000	59.9E+3



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Job No

1

Sheet No

150

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

Client

File NEW CRANE FINAL.STC

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1371:LOAD GENI	Loads	0	-4.06E+3	0	423E+3	0	-59.9E+3
1371:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-423E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1372:LOAD GENI	Loads	0	-4.06E+3	0	424E+3	0	-59.9E+3
1372:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-424E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1373:LOAD GENI	Loads	0	-4.06E+3	0	424E+3	0	-59.9E+3
1373:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-424E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1374:LOAD GENI	Loads	0	-4.06E+3	0	424E+3	0	-59.9E+3
1374:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-424E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1375:LOAD GENI	Loads	0	-4.06E+3	0	424E+3	0	-59.9E+3
1375:LOAD GENI	Reactions	-0.00000	4.06E+3	0.00000	-424E+3	-0.00000	59.9E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1376:LOAD GENI	Loads	0	-3.74E+3	0	378E+3	0	-55.2E+3
1376:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-378E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1377:LOAD GENI	Loads	0	-3.74E+3	0	378E+3	0	-55.2E+3
1377:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-378E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1378:LOAD GENI	Loads	0	-3.74E+3	0	378E+3	0	-55.2E+3
1378:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-378E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1379:LOAD GENI	Loads	0	-3.74E+3	0	378E+3	0	-55.2E+3
1379:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-378E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1380:LOAD GENI	Loads	0	-3.74E+3	0	379E+3	0	-55.2E+3
1380:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-379E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1381:LOAD GENI	Loads	0	-3.74E+3	0	379E+3	0	-55.2E+3
1381:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-379E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1382:LOAD GENI	Loads	0	-3.74E+3	0	379E+3	0	-55.2E+3
1382:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-379E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1383:LOAD GENI	Loads	0	-3.74E+3	0	379E+3	0	-55.2E+3
1383:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-379E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1384:LOAD GENI	Loads	0	-3.74E+3	0	379E+3	0	-55.2E+3
1384:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-379E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1385:LOAD GENI	Loads	0	-3.74E+3	0	379E+3	0	-55.2E+3
1385:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-379E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1386:LOAD GENI	Loads	0	-3.74E+3	0	380E+3	0	-55.2E+3
1386:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-380E+3	-0.00000	55.2E+3



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Job No

1

Sheet No

151

Rev

Part

Job Title PREPARATION BAY NEW CRANE

Ref

By ANJANA

Date 20-Jun-26

Chd

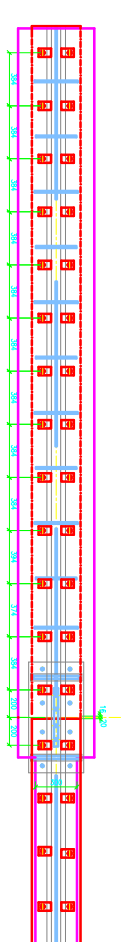
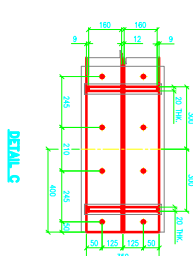
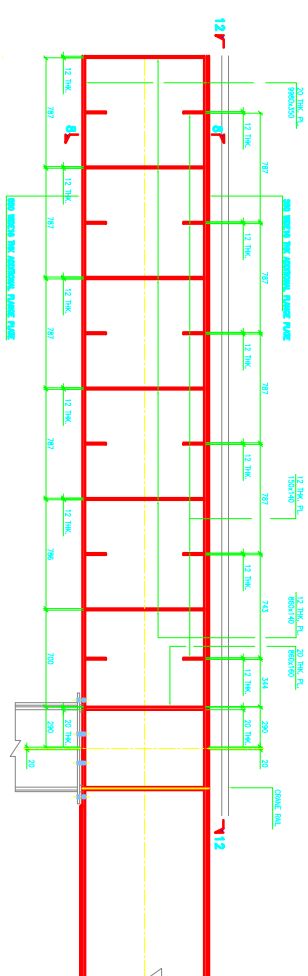
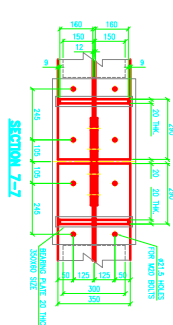
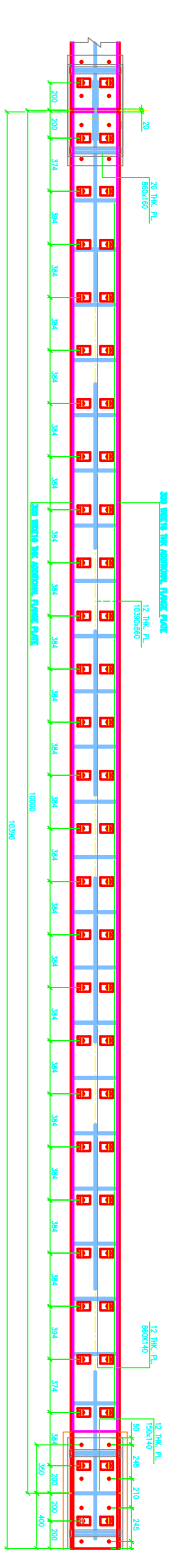
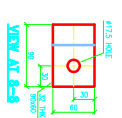
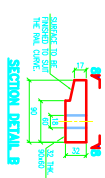
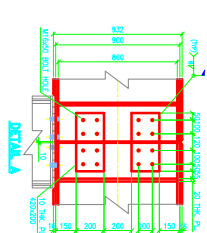
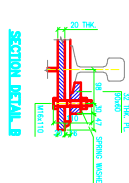
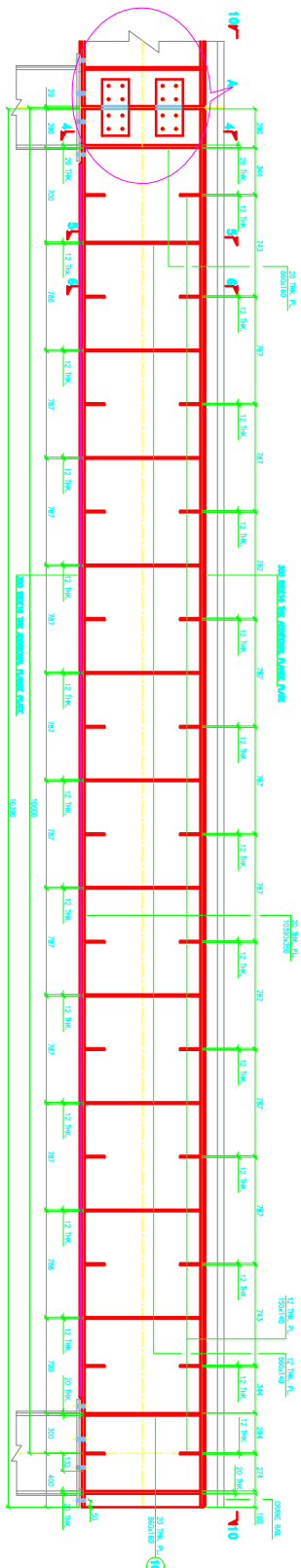
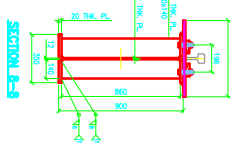
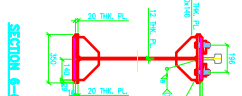
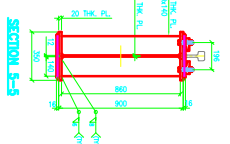
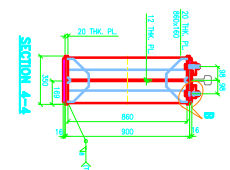
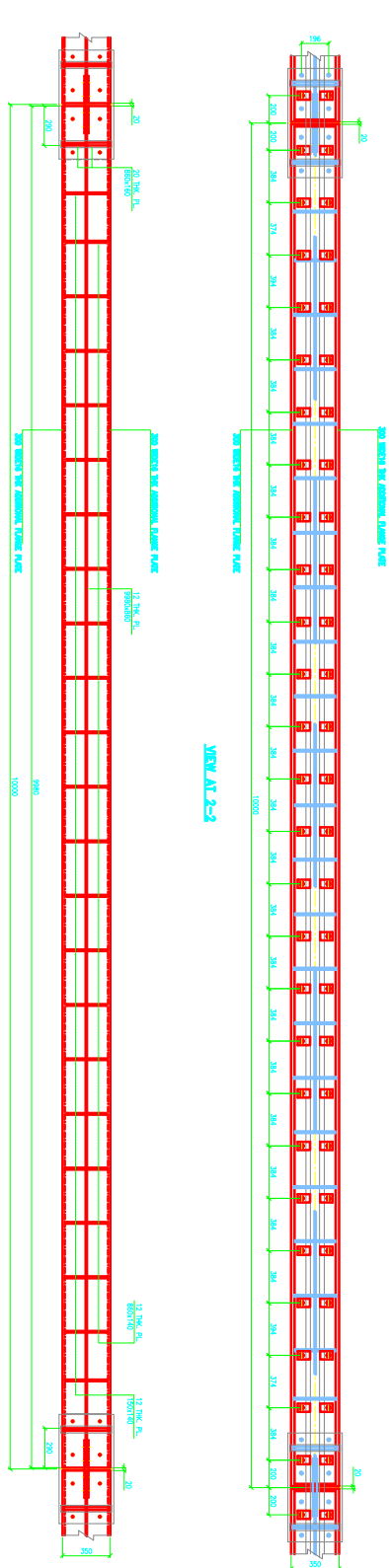
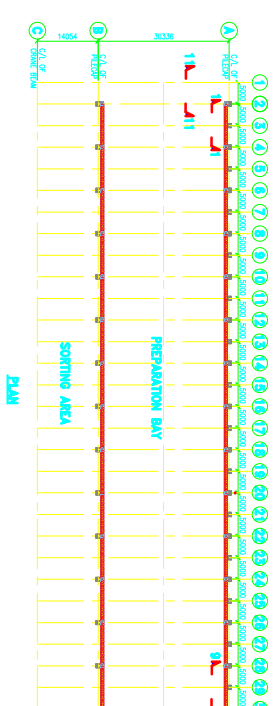
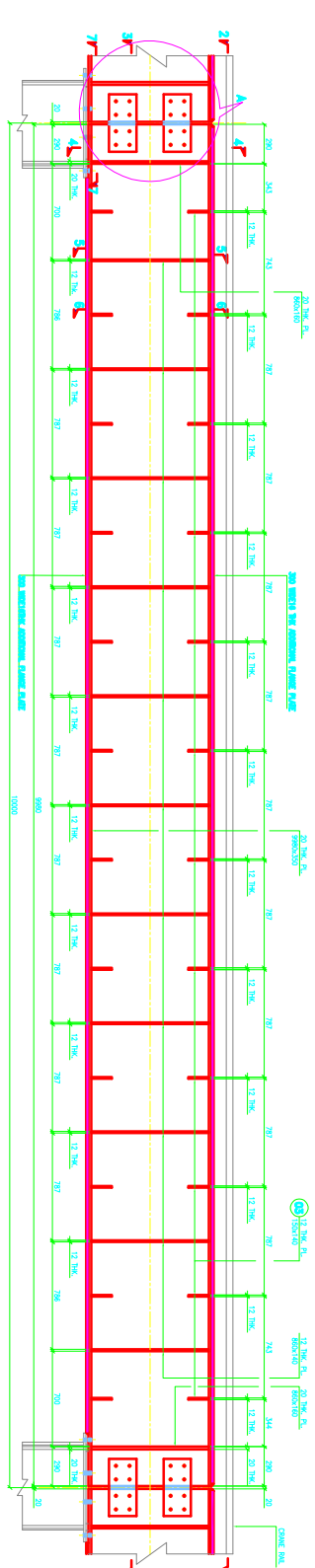
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File NEW CRANE FINAL.STD

Date/Time 07-Jul-2026 15:33

Statics Check Results Cont...

L/C		FX (kN)	FY (kN)	FZ (kN)	MX (kN·m)	MY (kN·m)	MZ (kN·m)
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1387:LOAD GENI	Loads	0	-3.74E+3	0	380E+3	0	-55.2E+3
1387:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-380E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1388:LOAD GENI	Loads	0	-3.74E+3	0	380E+3	0	-55.2E+3
1388:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-380E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1389:LOAD GENI	Loads	0	-3.74E+3	0	380E+3	0	-55.2E+3
1389:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-380E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1390:LOAD GENI	Loads	0	-3.74E+3	0	380E+3	0	-55.2E+3
1390:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-380E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1391:LOAD GENI	Loads	0	-3.74E+3	0	380E+3	0	-55.2E+3
1391:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-380E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1392:LOAD GENI	Loads	0	-3.74E+3	0	381E+3	0	-55.2E+3
1392:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-381E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1393:LOAD GENI	Loads	0	-3.74E+3	0	381E+3	0	-55.2E+3
1393:LOAD GENI	Reactions	-0.00000	3.74E+3	0.00000	-381E+3	-0.00000	55.2E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1394:LOAD GENI	Loads	0	-3.42E+3	0	334E+3	0	-50.4E+3
1394:LOAD GENI	Reactions	-0.00000	3.42E+3	0.00000	-334E+3	-0.00000	50.4E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1395:LOAD GENI	Loads	0	-3.42E+3	0	335E+3	0	-50.4E+3
1395:LOAD GENI	Reactions	-0.00000	3.42E+3	0.00000	-335E+3	-0.00000	50.4E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000
1396:LOAD GENI	Loads	0	-3.42E+3	0	335E+3	0	-50.4E+3
1396:LOAD GENI	Reactions	-0.00000	3.42E+3	0.00000	-335E+3	-0.00000	50.4E+3
	Difference	-0.00000	0.00000	0.00000	-0.00000	-0.00000	-0.00000



- 1) ALL DIMENSIONS ARE IN "mm" & LEVELS ARE IN "m", UNLESS OTHERWISE NOTED.
- 2) USE STEEL CONFORMING TO IS 2002, GRADE E250.
- 3) USE 16mm MACHINED & TURNED BOLTS CONFORMING TO IS 1564 WITH SPRING WASHER.
- 4) DISTANCE BETWEEN THE BOLT HOLE & THE LOCATION SHALL MATCH WITH THE EXISTING BOLT HOLES IN THE CRANE GIRDER.
- 5) USE DOUBLE BEVEL BUTT WELD FOR ALL CONNECTIONS OF GANTRY CRANE RAIL GIRDER.
- 6) PROVIDE SPRING WASHERS FOR CONNECTION WITH GANTRY AND CONNECTION WITH COLUMN.
- 7) MODIFICATION PROPOSED SHOWN THUS

0	FOR APPROVAL	06/07/26	ANLU	PICK	
NO.	REVISIONS	DATE	DWN.	CND.	APRD.

UDUPI COCHIN SHIPYARD LIMITED
UDUPI-576108

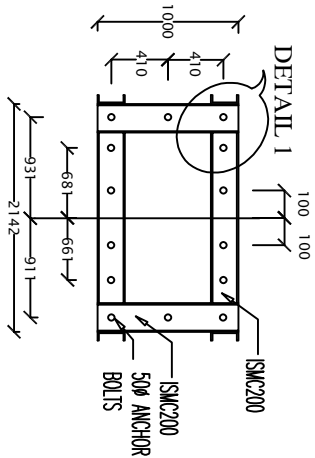
THE: INSTALLATION OF EOT CRANES AT AL FABRICATION

MODIFICATION TO GIRDERS ALONG GRID A & B
FROM GRID 2 to 29

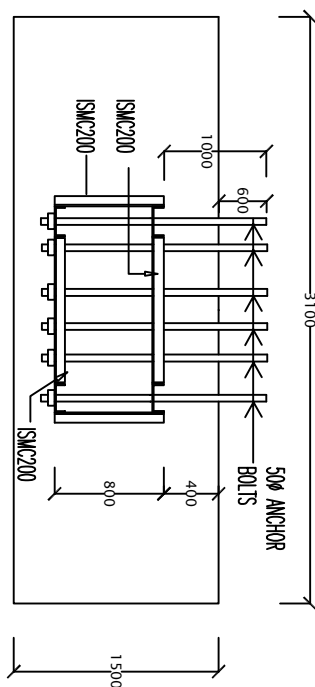
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NOTES:

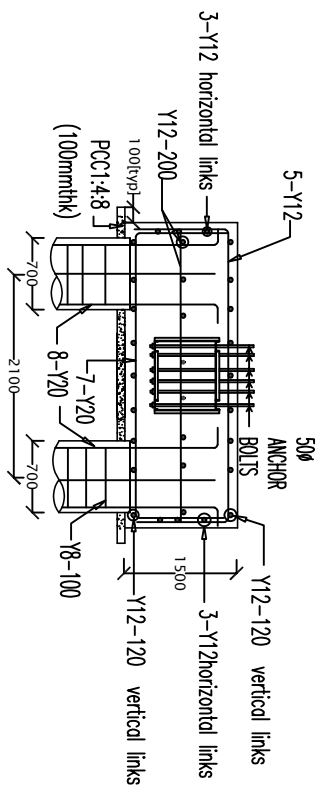
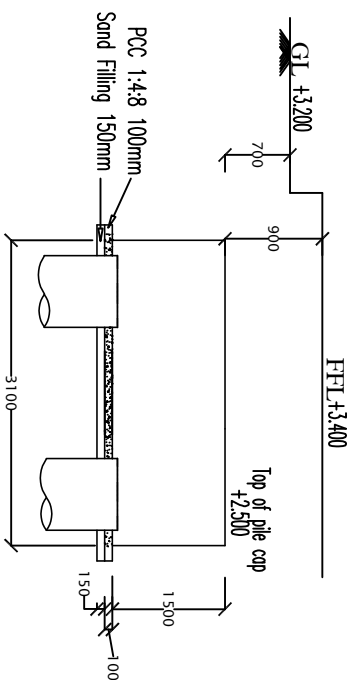
GENERAL NOTE REFER SHEET NO:1



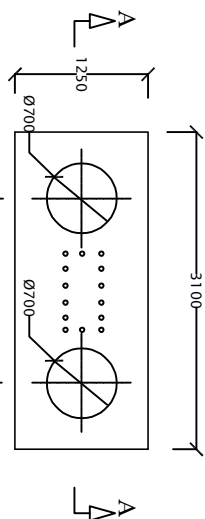
PLAN OF ANCHOR BOLT FRAME WORK INSIDE PCI



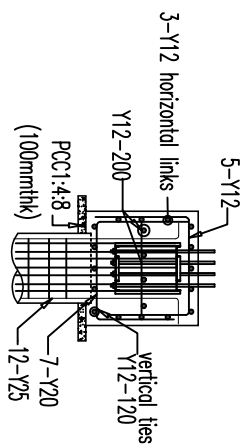
ELEVATION OF ANCHOR BOLT FRAME WORK INSIDE PCI



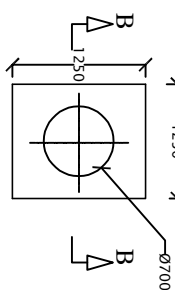
SECTION A-A



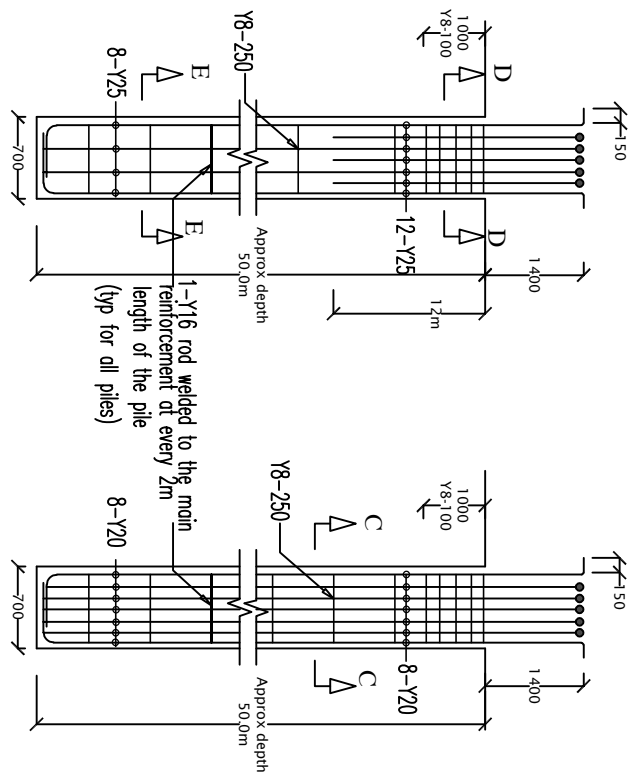
PCI



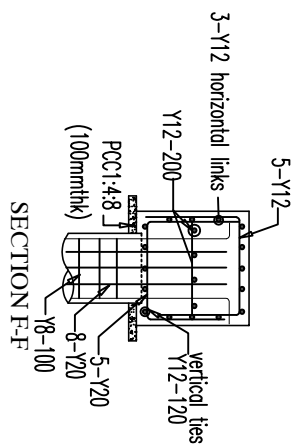
SECTION B-B



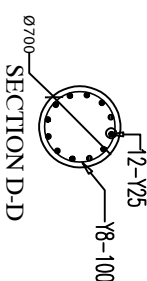
PC2



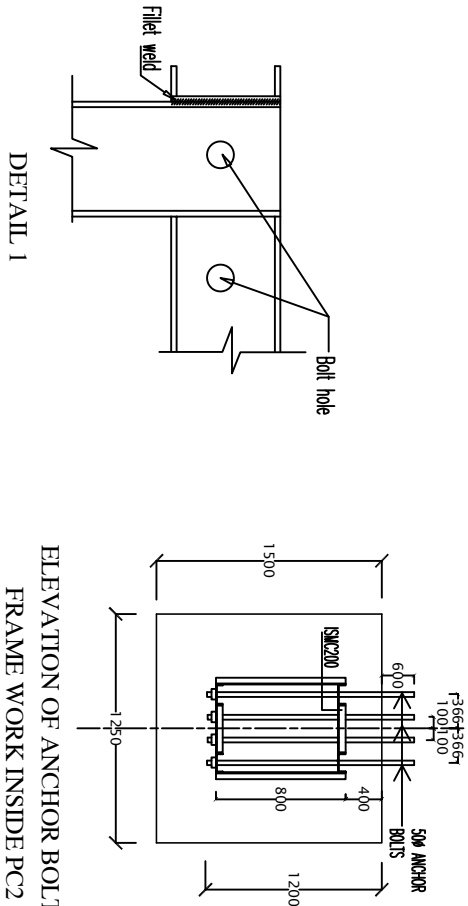
PIL-E-P2



SECTION F-F

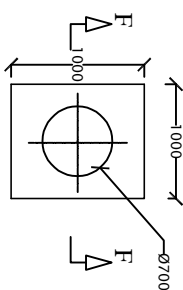


SECTION D-D

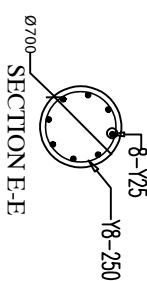


ELEVATION OF ANCHOR BOLT FRAME WORK INSIDE PC2

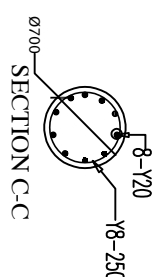
DETAIL 1



PC3



SECTION E-E



SECTION C-C

No.	Date	Revision	Signature

SREE GIRI CONSULTANTS

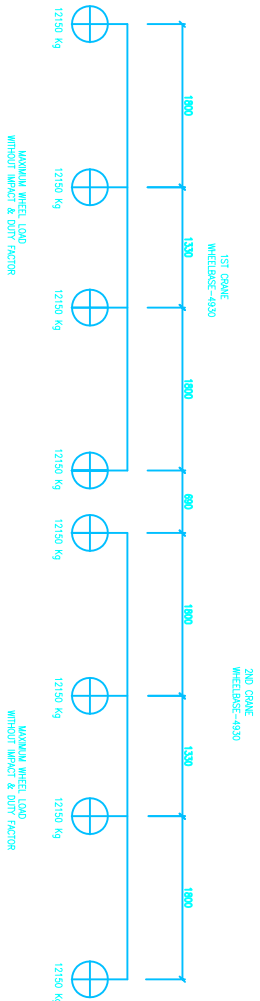
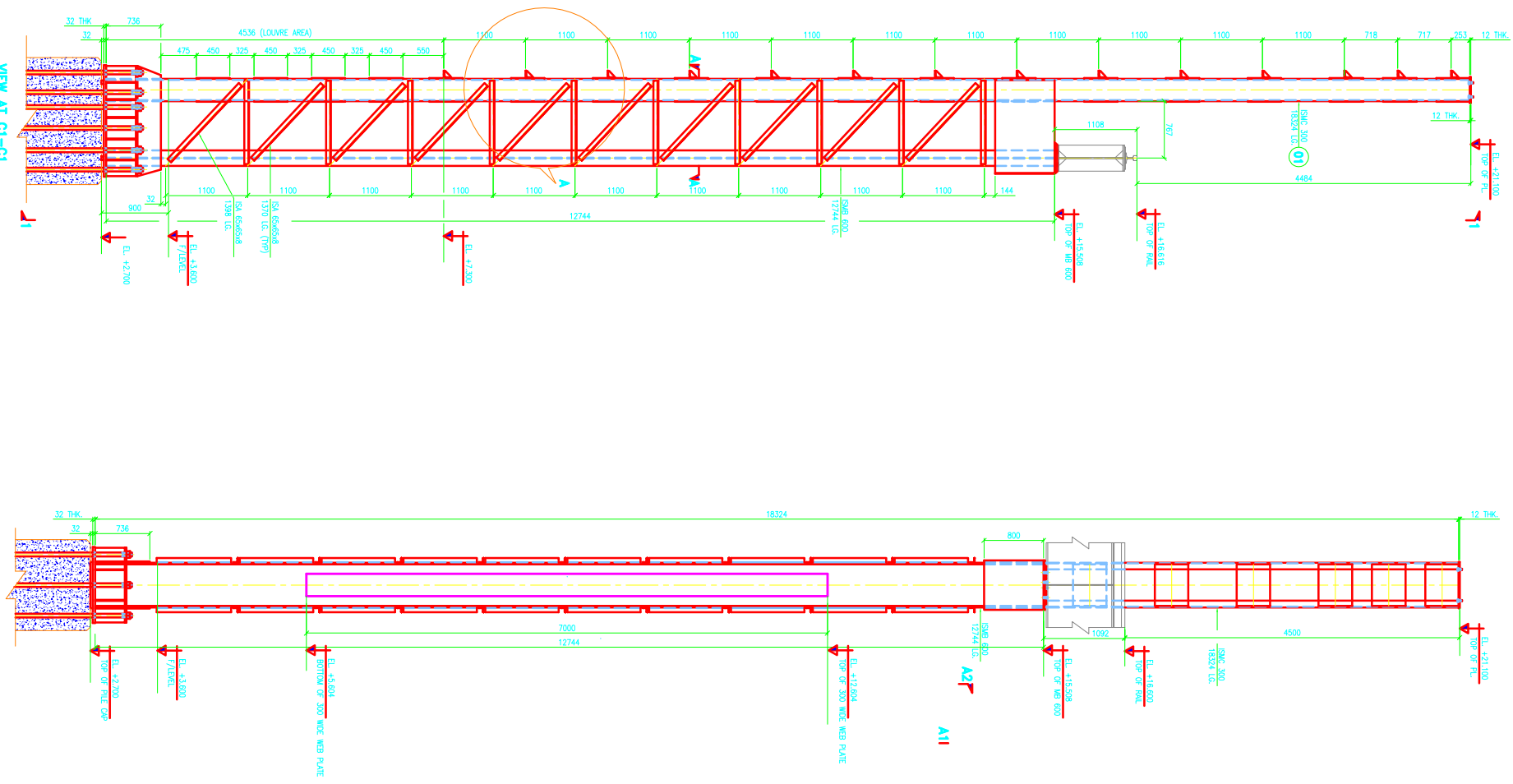
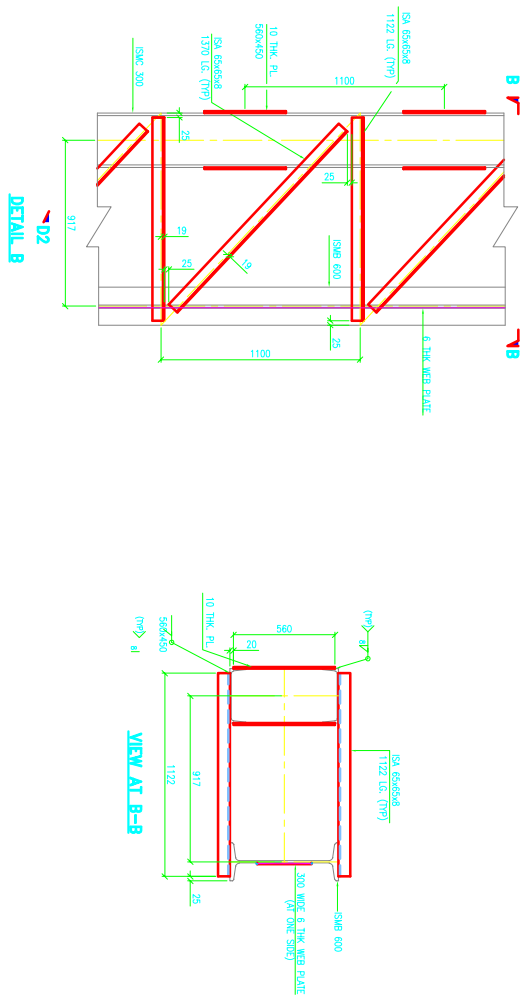
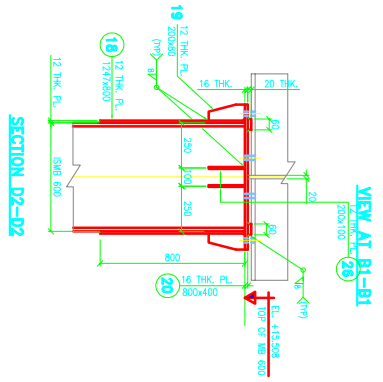
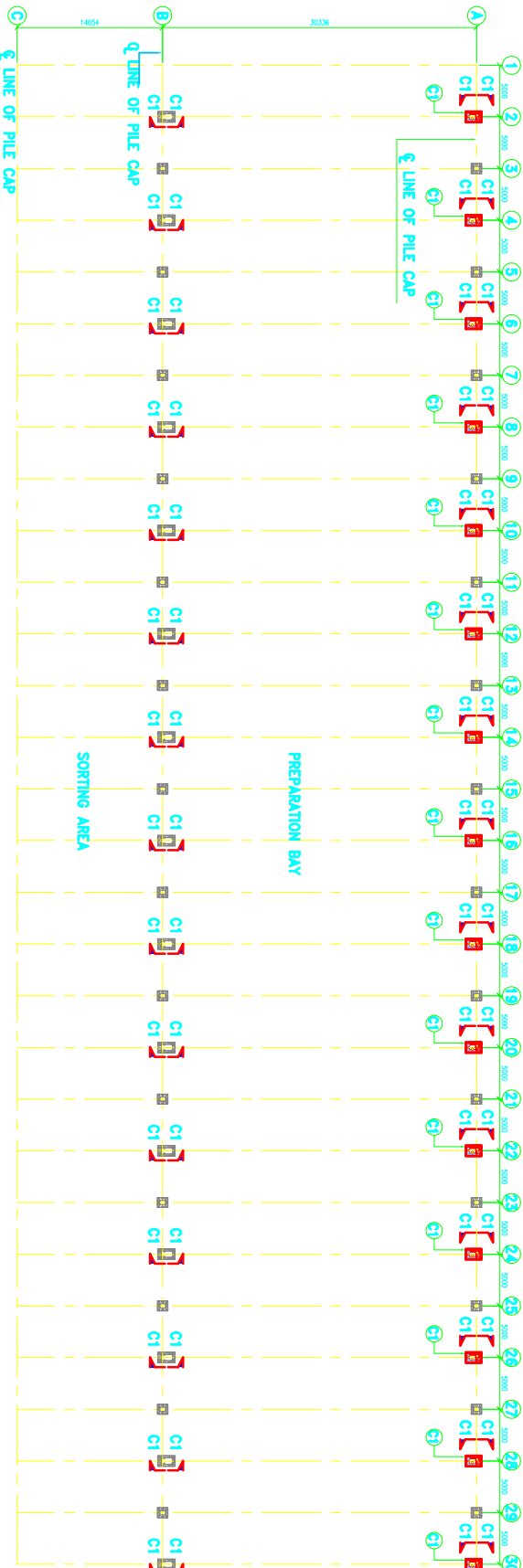
**NO.8,USHA STREET,
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KOCHI- 682024
Phone:0484-2802538**

Client	M/s COCHIN SHIPYARD LTD, Cochin- 682015
Project	PREPARATION BAY AND SORTING AREA
Title	Pile and Pilecap Details

Designed	Checked	Approved	Drawn	MANOJ KUMAR
			Date	23-10-07
			Scale	N T S
			Proj. No	CS/121/07
SUBBITY N K M.Tech	OUSEPACHAN M.Tech	Prof. Dr. P. K. Aravindan	Sheet No	02



DETAILS OF EXISTING EOT CRANE

NOTES :

1) ALL DIMENSIONS ARE IN 'mm' & LENGTHS ARE IN 'm', UNLESS OTHERWISE NOTED.

2) USE STEEL CONFORMING TO IS 2062, OF GRADE E250.

3) CONTACT FACES ARE TO BE PAINTED BEFORE ASSEMBLY.

4) BOTTOM SHAFTE DRUMS TO BE MOUNTED FOR 100% BEARING BEFORE SHAFTE PLATE AND SOLE PLATE ARE TIED.

5) THE LENGTH AND SIZE OF MEMBERS SHALL BE CHECKED IN FULL SCALE LAYOUT BEFORE FABRICATION.

6) MODIFICATION PROPOSED SHOWN THIS

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