

Engineering and Technical Disclaimer

Free Clear Port Consulting LLC

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This Engineering and Technical Disclaimer outlines the limitations responsibilities assumptions and conditions under which Free Clear Port Consulting LLC provides engineering consulting design calculations and related professional services. By using our services or reviewing deliverables you acknowledge and agree to the terms set out in this document.

1. Purpose of Engineering Deliverables

All engineering drawings calculations models and technical documentation produced by Free Clear Port Consulting LLC serve as professional guidance based on the information provided by the client and the standards applicable at the time of creation. These deliverables are intended for design development feasibility evaluation and engineering planning. They are not construction documents unless explicitly stated in writing.

2. Reliance on Client Provided Information

Engineering calculations and design solutions depend heavily on input received from the client. This includes material characteristics environmental conditions load data operational parameters geometric measurements and existing component details.

If any provided information is incorrect incomplete changed later or based on assumptions not disclosed to us final engineering results may be affected. Free Clear Port Consulting LLC is not responsible for errors deviations or safety issues resulting from inaccurate input or omitted information.

3. Assumptions Used in Engineering Work

Where information is missing or undefined industry standard assumptions may be applied. These assumptions are used solely to enable progress of engineering work and do not replace the need for site specific data or regulatory verification.

Clients are responsible for reviewing all assumptions and confirming whether they apply to the real operating environment.

4. Local Regulatory Compliance

Engineering rules codes and safety requirements vary significantly by jurisdiction. Designs created by Free Clear Port Consulting LLC follow general international standards but are not automatically compliant with every local regulation.

It is the client's responsibility to ensure that all deliverables are reviewed approved and signed by locally licensed engineers and authorities where such approval is required. We do not assume responsibility for obtaining or verifying local permits approvals certifications inspections or compliance documentation.

5. Construction Installation and Field Execution

Free Clear Port Consulting LLC does not perform construction installation welding fabrication or on site supervision unless expressly agreed in writing.

The client is fully responsible for selecting qualified contractors ensuring safe execution inspecting workmanship verifying alignment tolerances applying protective coatings securing structural connections and following manufacturer guidelines.

We are not responsible for damage delays failures misalignments or operational hazards caused by improper installation or incorrect construction practices.

6. Structural and Mechanical Performance

Engineering calculations are based on theoretical models mathematical equations and software simulations. Actual performance may vary due to material inconsistencies manufacturing tolerances environmental factors dynamic loads human error or unplanned operational conditions.

We do not guarantee that real world behavior will perfectly match theoretical predictions. It is the client's responsibility to confirm that the implemented system performs safely within the intended parameters.

7. Use of Third Party Software and Digital Tools

We rely on third party engineering software including CAD programs simulation tools and cloud platforms. These systems introduce their own limitations and error margins.

Free Clear Port Consulting LLC is not responsible for inaccuracies delays outages data corruption or miscalculations caused by software limitations or errors beyond our control.

8. Safety Considerations and Operating Conditions

Clients must ensure that all equipment structures conveying systems silos elevators and mechanical components are operated within safe conditions. This includes following operational manuals regular inspections maintenance schedules emergency procedures and load limits.

We do not assume responsibility for safety incidents injuries property damage environmental impact or unplanned downtime resulting from misuse improper operation or insufficient maintenance.

9. Modifications After Project Completion

Any changes made to designs calculations or documentation after project delivery are outside of our responsibility. This includes modifications by contractors alterations during installation redesigns by third parties and unapproved field adjustments.

Clients must consult us or another qualified engineer before altering delivered engineering content. Using altered designs without professional review may create unsafe conditions.

10. Limitations of Liability

To the fullest extent permitted by applicable law Free Clear Port Consulting LLC shall not be liable for indirect or consequential damages including production losses downtime equipment damage financial loss loss of expected savings opportunity cost or third party claims.

The total liability of Free Clear Port Consulting LLC for any claim related to a project is limited to the amount paid by the client for the specific service connected to that claim.

11. Engineering Data Interpretation

Deliverables may include diagrams sketches concept drawings preliminary layouts and simplified models. These materials illustrate engineering concepts but may not include every detail required for fabrication or construction.

Fabricators contractors and operators must not rely exclusively on simplified illustrations. Detailed fabrication ready drawings and verified structural calculations are required before manufacturing or installation.

12. Review and Professional Approval

All engineering deliverables must be reviewed by appropriately qualified professionals. This includes structural engineers mechanical engineers safety specialists and local code authorities depending on the project.

Clients acknowledge that failing to obtain proper review and approval may lead to compliance issues safety hazards legal exposure and operational problems.

13. No Warranty for Third Party Hardware or Systems

We do not guarantee the performance reliability or durability of equipment supplied by third party manufacturers or vendors. Any references to such systems or components are for engineering context only.

14. Environmental and Site Conditions

Environmental and site conditions such as temperature humidity seismic activity wind loads dust levels chemical exposure vibration soil behavior and atmospheric conditions can significantly affect real world performance.

The client must verify that the delivered designs match all local and actual site conditions. We do not assume responsibility for failures caused by environmental factors or conditions outside of the design assumptions.

15. Updates and Revisions

Engineering knowledge regulations and industry standards evolve. The client is responsible for ensuring that older deliverables remain suitable for future projects. Free Clear Port Consulting LLC is not responsible for outdated engineering work used without reassessment.

16. Acceptance of This Disclaimer

By using our website requesting engineering services reviewing deliverables or initiating a project you acknowledge that you have read understood and agreed to this Engineering and Technical Disclaimer.

17. Contact Information

For questions related to this Disclaimer or clarification about engineering limitations contact us at

Email: office@fcp-consulting.co

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