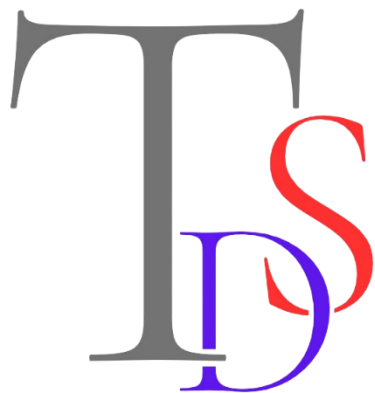


Project Portfolio



TECHNOTUSK
Design Services

TECHNOTUSK DESIGN SERVICES

Authored by: Avinash Patil



About Us:

Technotusk Design Services, founded in 2022, is dedicated to delivering top-tier detailing and allied engineering services in the field of structural steel and associated construction support. Our operational philosophy revolves around a commitment to excellence, employing a balanced integration of technology throughout our processes.

At Technotusk, our approach is marked by a dedication to consistency and an enhanced detailing experience for our clients. We tailor our outputs to meet the specific fabrication and erection requirements of our fabricator clients without relying heavily on specific software names.

Our growth trajectory is characterized by continuous improvement, client-specific learning, and the establishment of enduring commitments and service contracts. The adoption of a client-specific approach in our project processes and business engagement models ensures mutual reliability and flexibility in terms of schedule and execution capabilities.

Technotusk Design Services is committed to being a reliable partner in the American, Canadian, European, UK, etc construction markets, catering to the specialized needs of Fabricators, Consulting firms, Architects, Professional Engineering firms, and more.

Our Services:

1. Stick Modeling & Take off for Steel Structures
2. Structural & Miscellaneous steel Detailing- 3D Modeling & 2D Drawings
3. Connection Designing.
4. Sheet metal part design and development

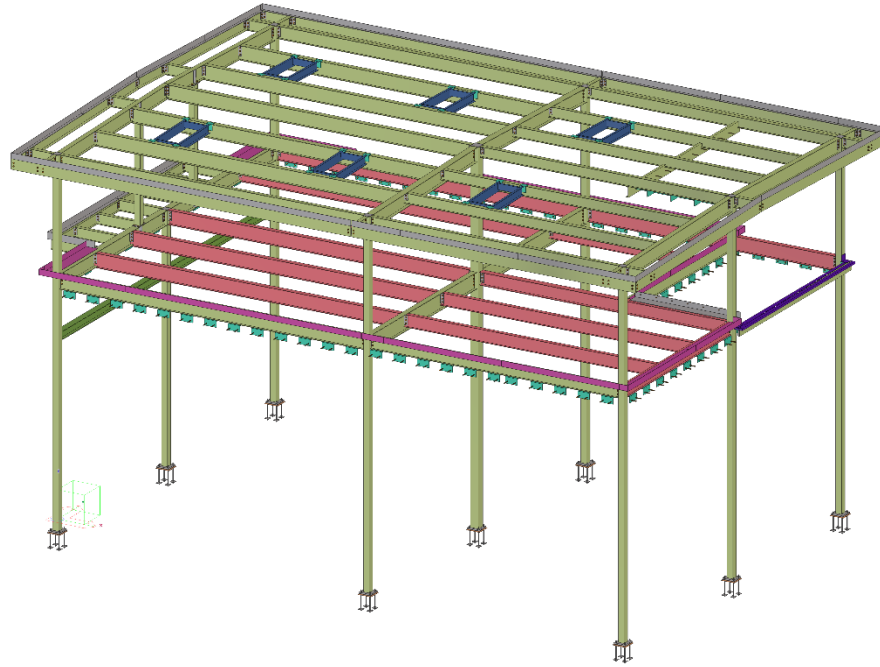
Our Workflow

1. Create a 3D stick model using input from structural drawings.
2. Identify and mark up initial queries and issues within the set of structural drawings.
3. Compile the Advance Bill of Material (ABM) list based on the 3D model.
4. Dispatch queries and Request for Information (RFI) concurrently with the ABM list to facilitate a swift workflow.
5. Establish connections among all steel elements in the 3D model and document any related queries or RFIs.
6. Conduct a comprehensive check of the entire 3D model to ensure it aligns with the original design drawings.
7. Extract detailed 2D shop/fabrication drawings and erection drawings tailored for shop and field use from the validated 3D model.
8. Prepare a customer-specific package, including the 3D model in various formats (IFC, STP, 3D PDF, etc.), 2D shop drawings (PDF, DWG, DXF formats), 2D erection drawings, and other required files and formats.
9. Include Field Bolts list, Shop Bolt list, Point-to-point bolt list, and provide NC & DXF files if requested by the customer.

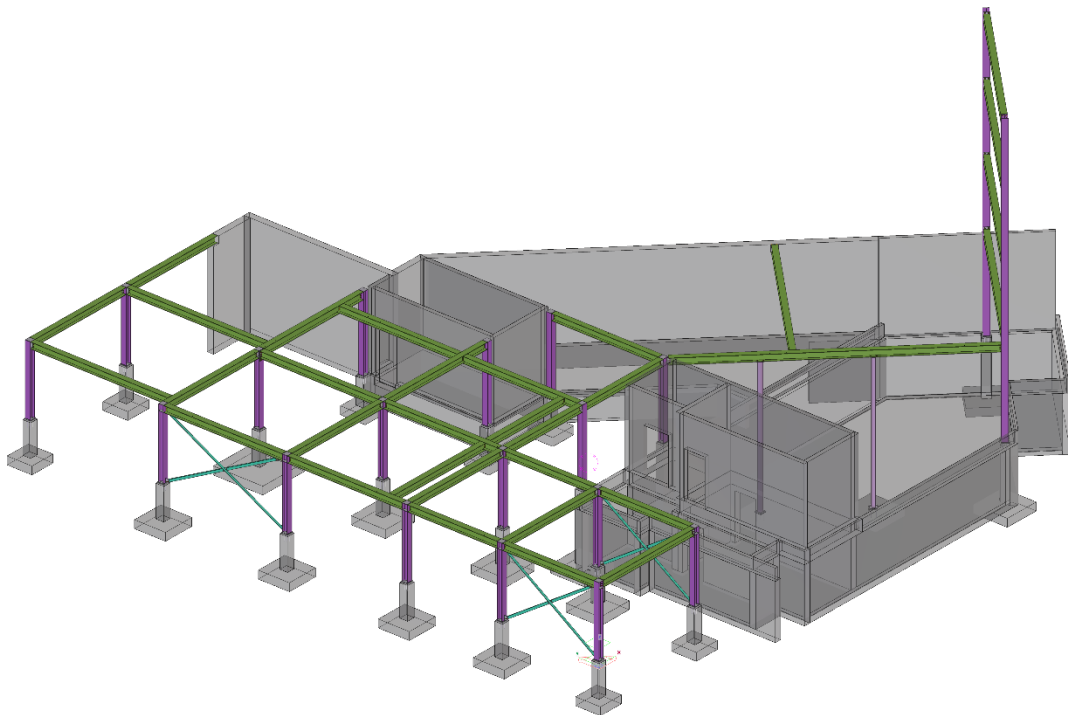
(Acknowledge that the entire process is standard and can be modified according to specific project requirements)

Our Projects

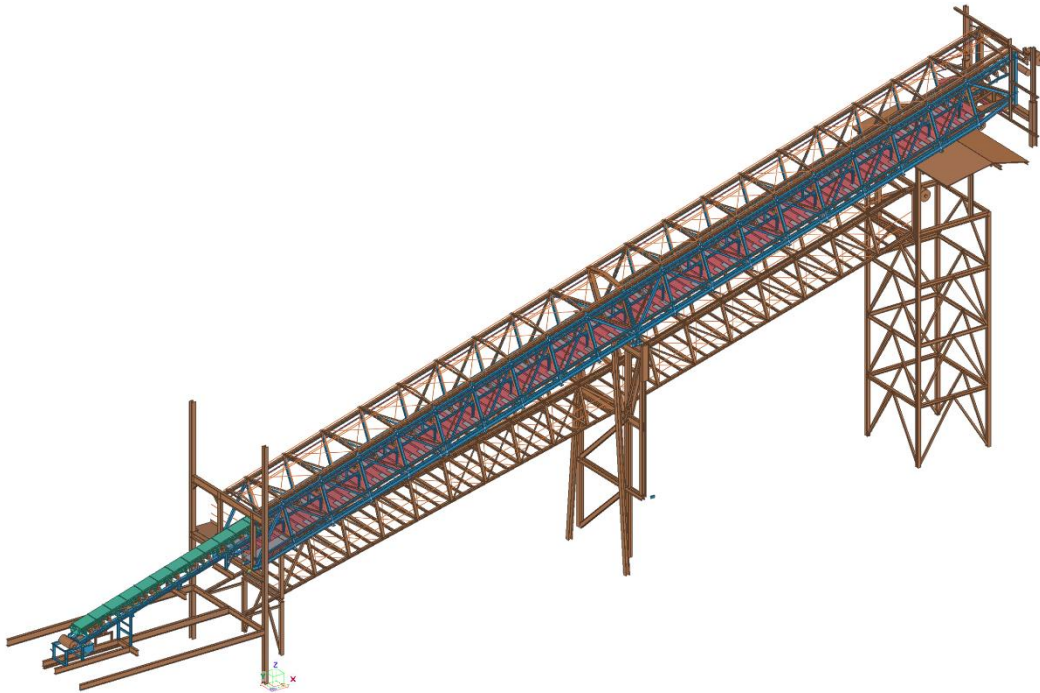
1. The Linden Street- Garage: **(Commercial Project)**



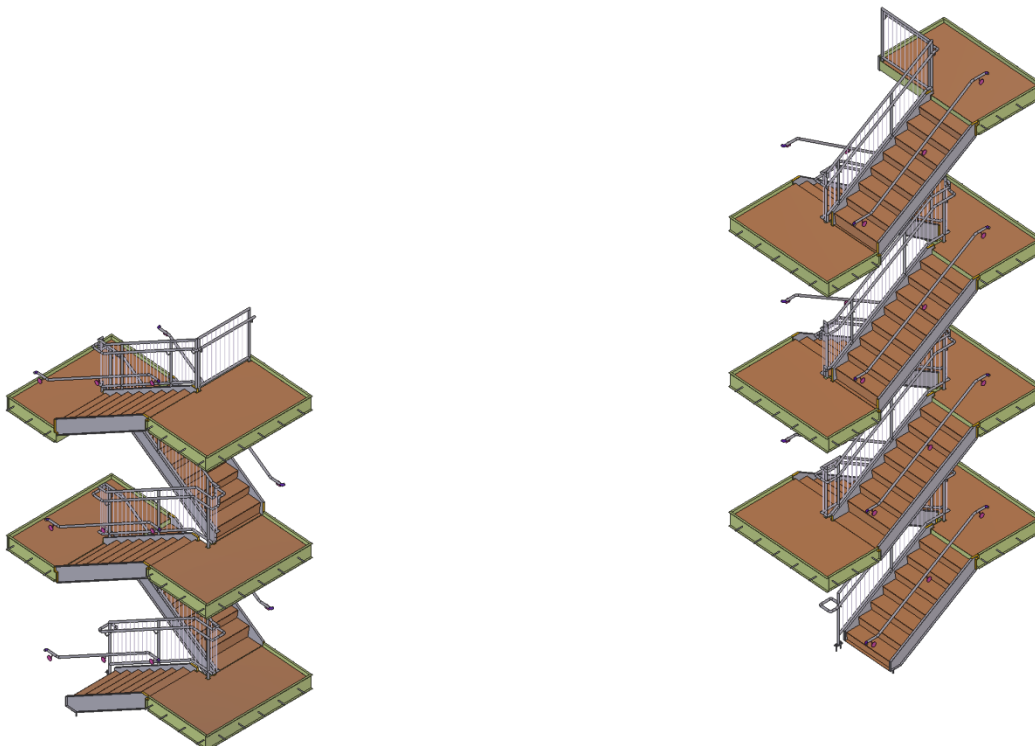
2. The Quezada Building: **(Residential Project)**



3. Renovate K3 Conveyor: (Industrial Project)



4. The Soloman Stairs: (Misc. Project)



Sample Drawings

Double Click the Below Icons to see the Assembly and Erection Drawing Samples



Assembly Drawing Sample.pdf

[Assembly Drawings](#)



Erection Drawing Sample.pdf

[Erection Drawings](#)

Conclusion

In conclusion, Technotusk takes pride in its unmatched capacity to meticulously design and execute a diverse range of projects, specializing in structural steel buildings and sheet metal work. The showcased projects represent just a glimpse of our commitment to excellence and innovation. As we continue to push boundaries and deliver cutting-edge solutions, we look forward to the opportunity to collaborate on your next venture, ensuring it stands as a testament to quality craftsmanship and forward-thinking design. Thank you for considering Technotusk as your trusted partner in bringing architectural visions to life.