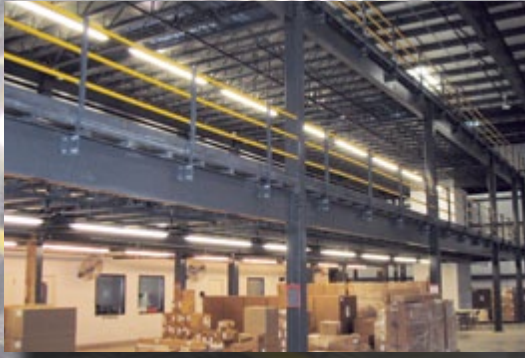


Why Choose a Bluff B&L Mezzanine Structure?



Our Superior Design Options Suit Your Needs

Engineering Superiority

Whether your expanding space requisites include the need for raised office space, material/record storage, stockrooms, assembly and distribution systems, work platforms or conveyor support systems, our mezzanine structures are designed and built to actively respond to those demands in your existing facility. From standard cubic space expansion to extreme point loading or excessively wide clearance requirements, our flexibility in design allows optimization of your space with high value engineering.

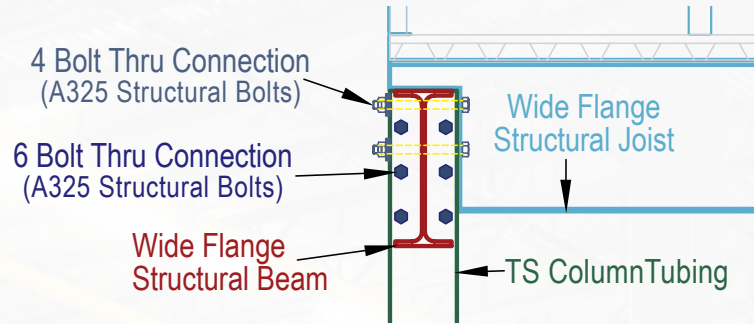


- Non-welded bolt connections and flexibility of design allow for future modifications, relocation and/or expansion and potential reconfiguration
- Equipment and machinery mounting options available; multi-tiered integration of existing structures
- Maximization of vertical clearance for exceptional under-mezzanine space utilization
- High quality design and standardization of components help to keep installations costs down.
- PE stamped; built to last and backed with a lifetime structural warranty



B&L Thru-bolt Design for a More Stable Structure

- Thru-Bolt Design maximizes the resistance to lateral movement and is used at all critical connection locations
- All main beam and cross beam connections are made through column connections
- All hardware is 3/4" A325 grade; framing is hot rolled structural steel ASTM-A36/50



Our work is performed with the highest level of professionalism and constant attention to safety and structural integrity. From design development through installation, Bluff is in compliance with American Institute of Steel Construction (AISC) specifications, The International Building Code (IBC), The American Welding Society (AWS) D1.1 Structural Steel Code, ANSI Standards, OSHA Guidelines Seismic code specific to mezzanine structure location. The structural integrity of our mezzanines and the safety of your personnel and materials are our highest priority.

Special Options and Decking Selection

Options include, but are not limited to, swing gates, stairways and work platforms, drop plates, custom openings, horizontal handrails, mechanical lifts, conveyor systems or integrated rack structure.



GENERAL MEZZANINE SPECIFICATIONS

- MEZZANINE is to be a free-standing, pre-fabricated structure
- Design and fabrication of the structure will require no welding on the job site
- Registered Structural Engineer, licensed in structure's State, to supervise or approve all designs and details
- Engineering (PE) seal on final drawings where applicable
- Pre-fabrication drawings submitted for approval
- All welders certified per American Welding Society (AWS)-D1.1, Structural Steel Code
- Structural design in accordance with the American Institute of Steel Construction (AISC) Manual of Steel Construction
- Joist Construction performed by a certified steel joist fabricator in accordance with the Steel Joist Institute (SJI)
- All Hardware products Grade A-325 or equivalent
- No component to exhibit deflections greater than length of the component divided by 360(L/360) under uniformly loaded conditions

In keeping with Bluff's corporate culture of progressive innovation, you are invited to visit bluffmanufacturing.com for additional structural information and engineering details regarding our latest design specifications.



SERVICE YOU CAN STAND ON

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