



A&S BUILDING SYSTEMS

Why Erectors Prefer the
Long Bay® System





Spanning Greater Lengths with the Long Bay® System

The Long Bay® System is a unique solution that replaces conventional bar joists for a more designer-friendly and aesthetically-pleasing roofing system. The Long Bay® System is lighter and more rigid than alternative products making it easier and faster to install. The exceptional strength-to-weight ratio provides superior stability and the machine-rolled parts result in better accuracy and tighter tolerances. While welded connections are optional, the Long Bay® System uses all-bolted connections as an alternative to bolting and welding combinations found in traditional joist systems, creating a more efficient and productive installation.



Why Work Harder Than You Have To?

Our system addresses many of the obstacles traditionally associated with conventional steel joist framing. From unloading to build out, discover how we've manufactured a roof assembly specifically for you.

- **Trouble-Free Handling:** Rigid sections allow for easy handling during the unloading process. Clean box sections nest well together eliminating the problem of angle legs hanging or binding together.
- **Bolted Systems:** The need for welding is eliminated. A 100% bolted system comes standard. The Long Bay® System suffers less from sweep and warp problems than other conventional joist systems you may have formerly used making alignment issues a thing of the past.
- **Less is More:** The Long Bay® System requires fewer parts and pieces than other systems, which means less inventory and less handling on the jobsite. Furthermore, a complete, fully-supported system has almost half the bridging of other systems—reducing installation times and material costs, requiring 15-20% less time to erect.
- **Easy Bridging Assembly:** Bridge angles are attached to flat surface supports and secured with self-drilling fasteners alleviating alignment issues in the field caused by bolted or welded bridging connections.
- **Practical Roof Installation:** The Long Bay® System has a wide, continuous, flat top chord that is ready to receive decking in built-up roof applications or a standing seam metal roof applied with simple, sturdy clip attachments. These clips are much easier to install over the Long Bay® System because conventional bar joists have a gap between the back-to-back angles on the top chord that complicates fastener placement.
- **No-Nonsense Notching:** The design of the Long Bay® System provides better conditions when notching for partition walls and other assemblies, such as conduit ventilation and lighting.

The Long Bay® System offers design flexibility and easy installation. If you're looking for a hassle-free roofing solution that covers maximum floor space with minimal obstruction, look to the Long Bay® System.



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