

Star Long Bay[®] System

The Unparalleled Advantages of the Long Bay[®] System



Star Building Systems is pleased to offer you a high-performance solution for your projects that require extensive, column-free spaces. Our patented Long Bay[®] System provides a custom-engineered solution to provide versatile bay spacing based on your exact layout needs. All precision-fit components for your building are planned, punched, drilled, and welded in the controlled environment of a production facility before arriving to site, resulting in the highest quality building components and faster completion time.

Best-in-Class Features

Long Bay[®] offers maximum bay spacing of up to 65 feet (subject to loading criteria) and it features less bridging, fewer footings, and a reduced number of columns than conventional joist. The wide, flat-top chord surface allows easy clip attachment for standing seam roof applications and a superior strength-to-weight ratio provides stability and durability.

Exceptional Benefits

Long Bay[®] enables faster, safer, and more economical construction. Its flexible design capabilities allow for the expansion and growth of operational facilities in the future. End seat attachment bolts to the main frame, eliminating the need for welding, and entire bays can be assembled quickly and safely on the ground.

Long Bay[®] is the perfect solution for column-free, unobstructed spaces

You'll find that Long Bay[®] enables you to achieve an ideal balance of form and functionality for your projects that require wide-open spaces, including warehouses, manufacturing facilities, recreational centers, religious facilities, dealerships, theatres, and large retail stores.




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Long Bay® System Advantages

Providing Wide-Open Spaces



Versatile Bay Spacing

- Maximum bay spacing = 65-ft
- Minimum cost-effective bay spacing = 30-ft
- Optimum bay/module spacing = 50-ft x 50-ft

Greater Design Flexibility

Multiple roof solutions are available with Long Bay®:

- Mechanically seamed Standing Seam Roof
- B-Deck for EPDM or Built-Up Roofing

Long Bay® is compatible with a variety of wall systems:

- Insulated or Single-Skin Metal Panels
- Tilt-wall or pre-cast concrete
- EIFS and curtain wall assemblies
- Masonry and brick

Diversified framing options are suitable for Long Bay®:

- Transverse or longitudinal framing
- Design that includes or does not include sidewall columns
- Optional lateral wall support (spandrels)

Quality Assurance

With Star, you have the assurance of knowing that all components are of the highest quality. Our quality controlled manufacturing facilities are IAS accredited and CSA A660 & CSA W47.1 certified. All members have superior linear properties, resulting in zero sweeping or warping, and are stringently tested for load compliance.

Tap Into Authorized Robertson Builder Services

Star's highly trained network of Authorized Builders can provide you with professional design and construction services as well as single-source solutions to deliver a complete turnkey project.




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