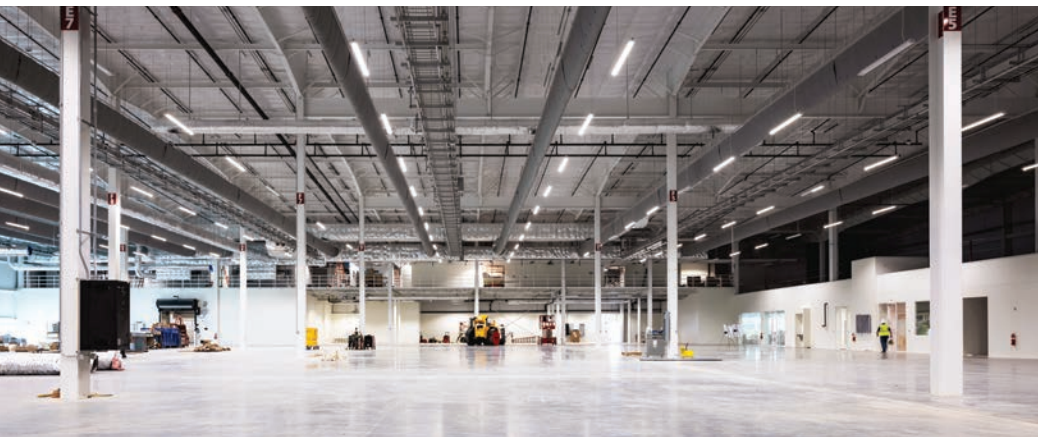




CASE STUDY

MANUFACTURING FACILITY

Danfoss Horizon





When global engineering leader Danfoss set out to build its Horizon facility, a 160,000 sf advanced manufacturing and office complex in Tallahassee, Florida, the project demanded a building solution as sophisticated as the technology Danfoss produces. American Buildings Authorized Builder, Sperry & Associates, worked to deliver a fully integrated structure to support assembly lines, innovation areas, corporate offices, and immersive customer experience zones under one roof.

From the beginning, the Danfoss Horizon project presented demanding structural and design requirements. American Buildings engineered a structural system built specifically for these conditions. Rather than adopt a standard solution, the team engineered the structure zone by zone — designing the facility’s variable collateral loads while preserving the clear heights essential to Danfoss’ operations.

“American Buildings played a critical role in delivering this complexity, designing a system capable of accommodating the demanding and variable loads while still maintaining stringent clear height requirements throughout the space,” said Matt Edwards, Director of Operations for Sperry & Associates. “The balance between structural performance and functional design was essential to the project’s success.”

Developed in close coordination with Conn Architects, the precision-engineered approach honored both the design intent and the owner design specifications without compromise. Guided by Danfoss’ global brand identity, Conn Architects developed a detailed design vision rooted in a distinct European aesthetic.

Metal was the right choice for the Danfoss Horizon project — structurally, aesthetically, and economically. American Buildings’ system provided the design flexibility to achieve Danfoss’ European style while delivering the large open spans that manufacturing operations demand. For Sperry & Associates, metal construction meant efficient erection and a reliable build process. And for Danfoss, it meant long-term durability and a high-performance facility.

Real-world construction pressures added further complexity. 28 weather-related delay days and a



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series of design changes shifted the construction timeline, requiring every member of the project team to stay coordinated and adaptable throughout. When weather delays and design revisions created schedule pressure, the adaptability of the American Buildings system proved its value. The flexibility built into the structural solution from day one allowed Sperry & Associates to absorb evolving requirements on the ground and keep the project on track, ultimately delivering the facility within the approved revised timeline. The success of the Danfoss Horizon project reflects what can be achieved when the right partners are aligned around a shared goal. Sperry & Associates brought the on-the-ground expertise and coordination to execute that vision with precision. Conn Architects established a clear and exacting design rooted in Danfoss’ brand standards.

And, American Buildings engineered the structural foundation that made the entire project achievable. “The partnership with American Buildings was instrumental in the project’s success, particularly in addressing the complex structural demands of the facility,” said Edwards. “Their expertise enabled the team to deliver a building capable of supporting elevated and varying collateral loads while maintaining critical clear height requirements.” The Danfoss Horizon facility is a lasting investment to its community, bringing advanced manufacturing capabilities, quality jobs, and a center for innovation and customer engagement to the region. The project will serve as a hub for economic growth and industrial leadership for years to come.



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