



**NEW MILLENNIUM**  
BUILDING SYSTEMS  
**Building a better steel experience.**



**DID YOU KNOW?**

February 17, 2016

## Open deck spans for challenging design criteria

***Versa-Dek® floor systems provide long, open floor spans with high-structural integrity and allow for large spaces between interior supports.***

The Versa-Dek® system permits an open-floor plan design with the required strength to withstand the elements. These fundamentals proved beneficial for the Regency condominium complex in Sunset Beach, North Carolina.

### **Beat the elements**

The Regency condominium complex had several requirements for its interior ceilings and floors systems. Not only did they want to have an open, aesthetically pleasing interior, but it also needed the strength to support against high winds of up to 130 mph and to withstand medium seismic events.

Versa-Dek® XLS is a 2-inch deep, dovetail-shape structural floor deck, designed for composite floor slab construction. This system also reduces construction time and is one of the thinnest floor slabs, which can allow for more levels within a given height regulation.

Versa-Dek® S with custom paint was used to appeal visually and provide strong resistance against the environment at the same time.

- Aesthetically appealing and customizable
- Adaptable to any design considerations
- Reduced construction time, long-term performance
- Versa-Dek® XLS is available in four steel-gage thicknesses, a variety of galvanized coating weights and an array of paint systems all suited to project specifications.
- Thin-floor building system with long, open spans, high-structural integrity

