

Beach Club Development – Retail Center

Architect – Walcott Adams Verneulle Architects

Building Size – 31,000 square feet

Structural System:

Superstructure – The second floor was constructed with composite beams and a composite floor slab. The roof system was composed of bar joists and a metal roof deck. The lateral load resisting system utilized masonry walls in combination with vertical steel tube bracing. The building was constructed as part of a waterfront development on the Gulf of Mexico necessitating the design for high winds.

Substructure – The foundation was spread footings and grade beams.



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