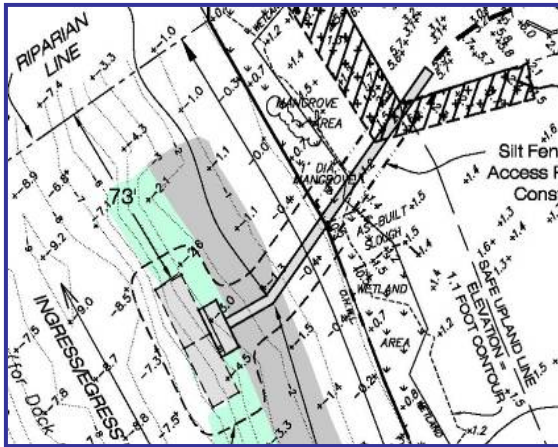


# MAGNOLIA BAY FISHING & OBSERVATION PIER

Client: FBC of Brevard, Inc.



This project entailed a fishing and observation pier for an upland condominium. The facility is within shellfish harvesting waters of the Banana River Aquatic Preserve and required a variance from the St. Johns River Water Management District (SJRWMD).

## Key Elements

- Submerged Aquatic Vegetation Survey and Report
- Manatee Protection Plan Assessment and Report
- Conceptual Design
- SJRWMD/USACE Permitting
- SJRWMD Variance
- Brevard County Surface Water Permit
- Final Design
- Mitigation Design

The boardwalk and pier were constructed through an existing conservation area and was therefore required to meet the most up-to-date environmental standards, including grated decking, micro-siting around existing vegetation and piling treatment. The structure was designed to avoid and minimize impacts to resources, both shoreline and submerged; a mitigation plan on adjacent lands was formulated to compensate for unavoidable impacts.



**Date:** 2005-2009

**Fees:** \$50,950.

## Contact:

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Coastal Tech provided design and permitting services, a “Submerged Aquatic Vegetation” survey report and a “Manatee Protection Plan” assessment and report. The SJRWMD and U.S. Army Corps of Engineers (USACE) permits were received in September 2008 and the dock was constructed in October 2009.



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