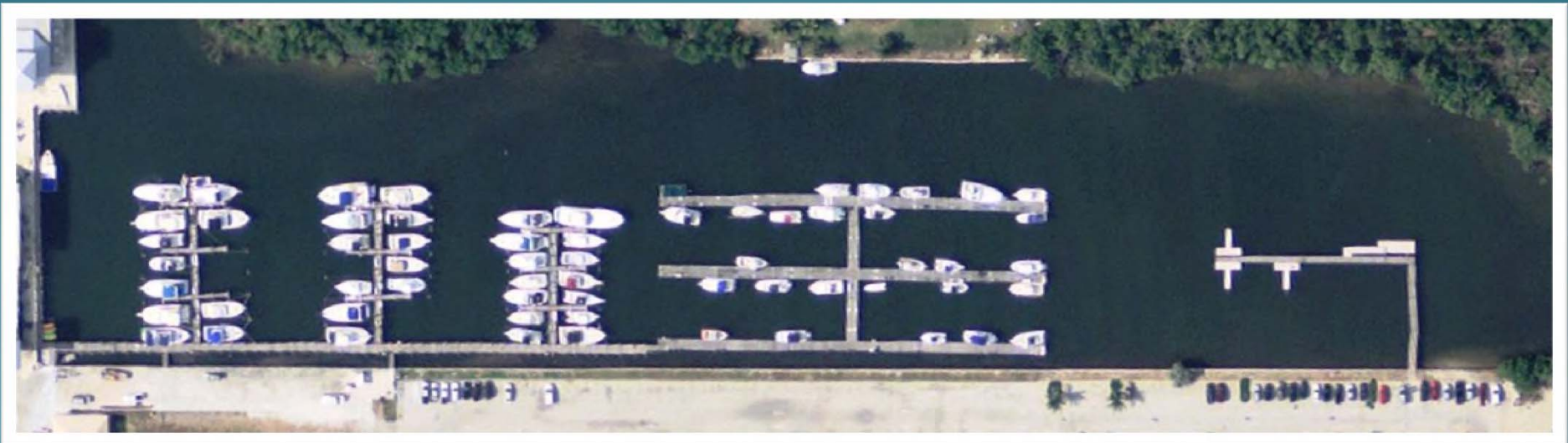


# Dania Beach Municipal Marina Renovation



City of Dania Beach  
Florida



CRNIEN THOMPSON



& ASSOCIATES INC.

Engineers  
Planners  
Surveyors

ACAI  
associates, inc.

THE Chappell GROUP INC.

Mr. Chad Edwards (Senior Project Engineer) - CTA  
Mr. Tyler Chappell (Vice President) - TCG  
Mr. Patrick Murphy (Project Biologist) - TCG  
Mr. Donald Wilkins (Associate Principal) - ACAI

# PROJECT INPUT & CONCEPT DESIGN

- *Team met with Westrec Marinas.*
- *Team toured the existing renovated marinas in Broward County.*
- *Team met to discuss the kiosks, entry areas, and proposed building.*
- *Team met with City staff to determine deficiencies and improvements recommended by the community.*

## TEAM ANALYSIS

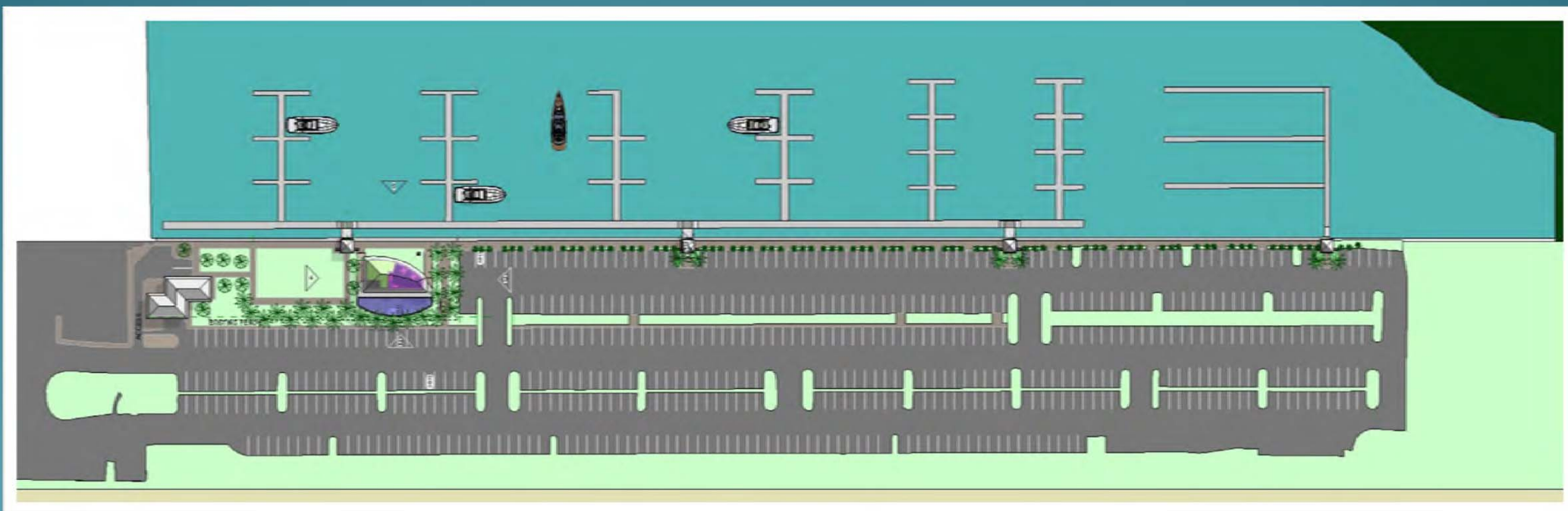
- *A benthic study was performed to determine the existing natural resource constraints.*
- *A water quality, sediment, and flushing analysis were performed to determine marina perimeters and needs.*
- *A structural inspection of the existing seawall was performed to determine the need for repair or replacement.*



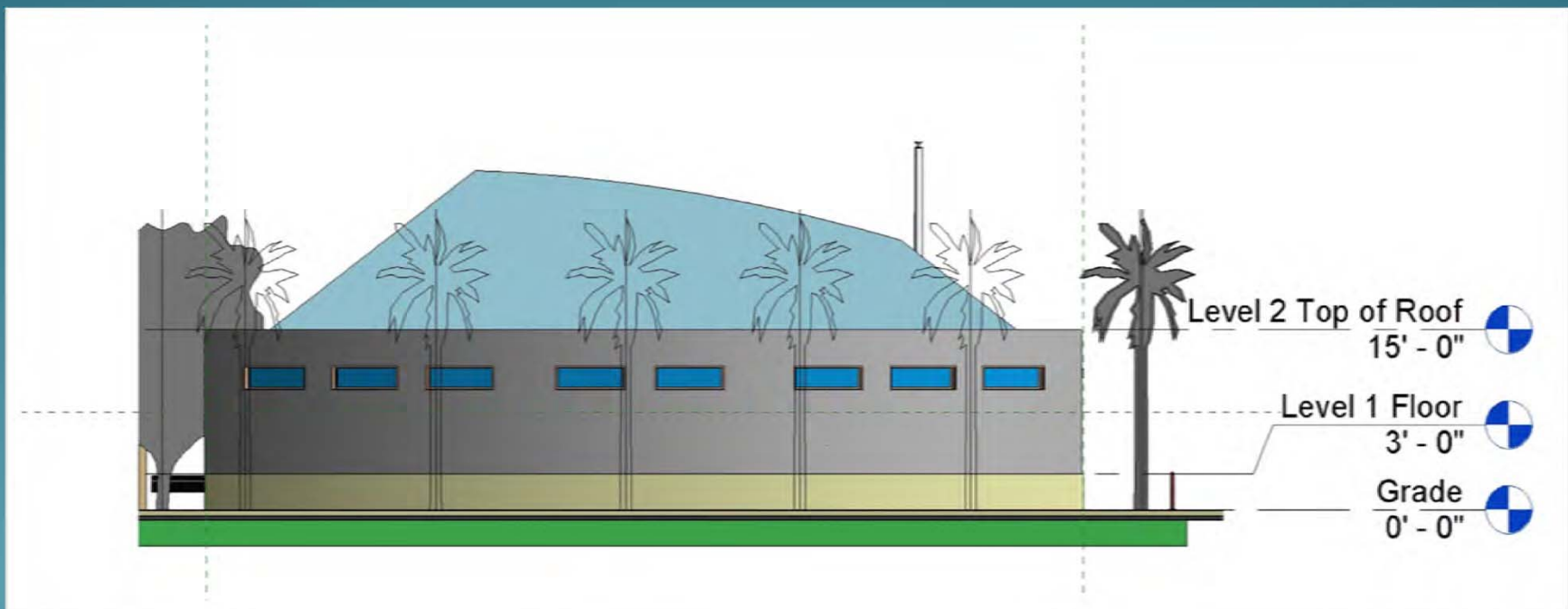


# PROPOSED MARINA IMPROVEMENTS

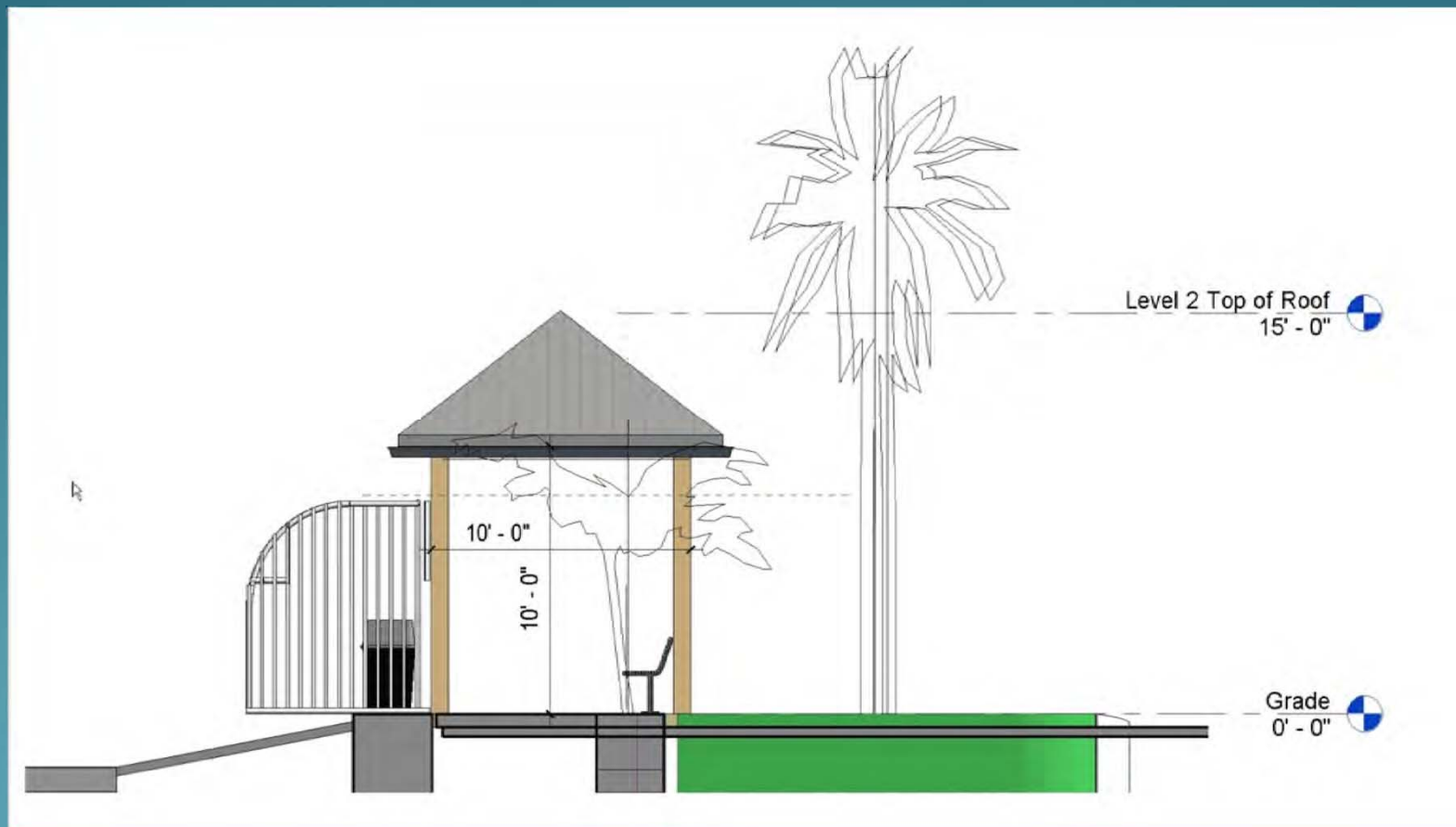
- *92 Slips.*
- *35 Transient Slips.*
- *New floating docks with power pedestals and a sewage pump-out station.*



# PROPOSED DOCK MASTER BUILDING & KIOSKS



# PROPOSED DOCK MASTER BUILDING & KIOSKS



# PROPOSED MARINA IMPROVEMENTS

- *550 sq.ft. of dock masters office.*
- *607 sq.ft. of boater lounge.*
- *691 sq.ft. of restrooms.*
- *278 sq.ft. of laundry.*

