City of Marco – Beautification Advisory Committee

Winterberry & Maple

Public Beach Access Improvements

Agnoli Barber & Brundage, Inc.
Professional Engineers, Planners, Surveyors & Landscape Architects

Sep. 7, 2022

Who are we?

Agnoli, Barber & Brundage, Inc. recently celebrated its 39th year as Engineering Consultants serving Southwest Florida. The firm has a proud tradition of professional service to our local communities and has earned a reputation for engineering excellence through its dealings with both the private and public sector. Our staff of 40 employees includes professional engineers, planners, landscape architects and surveyors who reside locally and are intimately familiar with issues relevant to our quality of life in Southwest Florida. The close proximity of our office will allow the necessary face-to-face meetings and communications essential to successful project coordination and development.

Beautification Advisory Committee Questions:

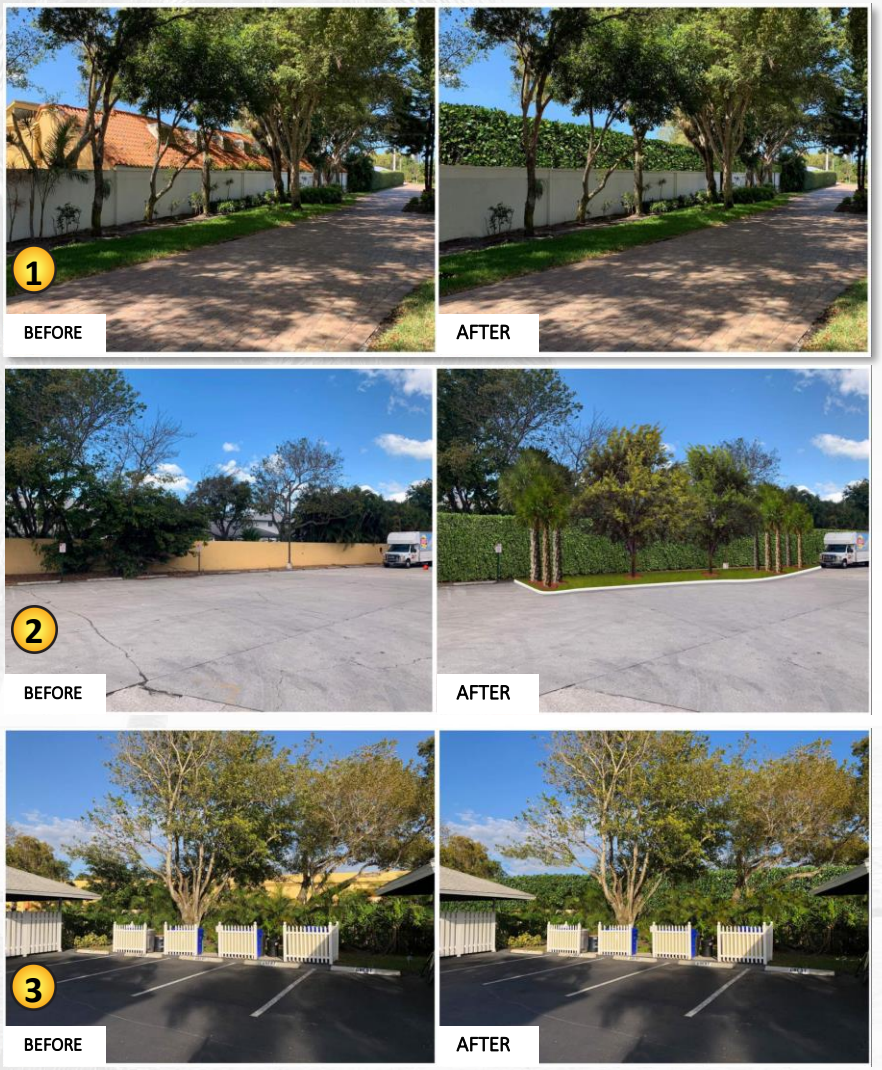
- Are these Public Easements?
- Why do we need surveys?
- How much does it cost?
- Will the City be charged additional for changes?
- Are there maintenance issues we need to address while the design is being developed?

Ferrari of Naples

- 100% Florida native species
- Ability work with limitations & constraints
- Proficiency with plants
- Long-term maintenance considerations
- Irrigation is the key to all living landscapes

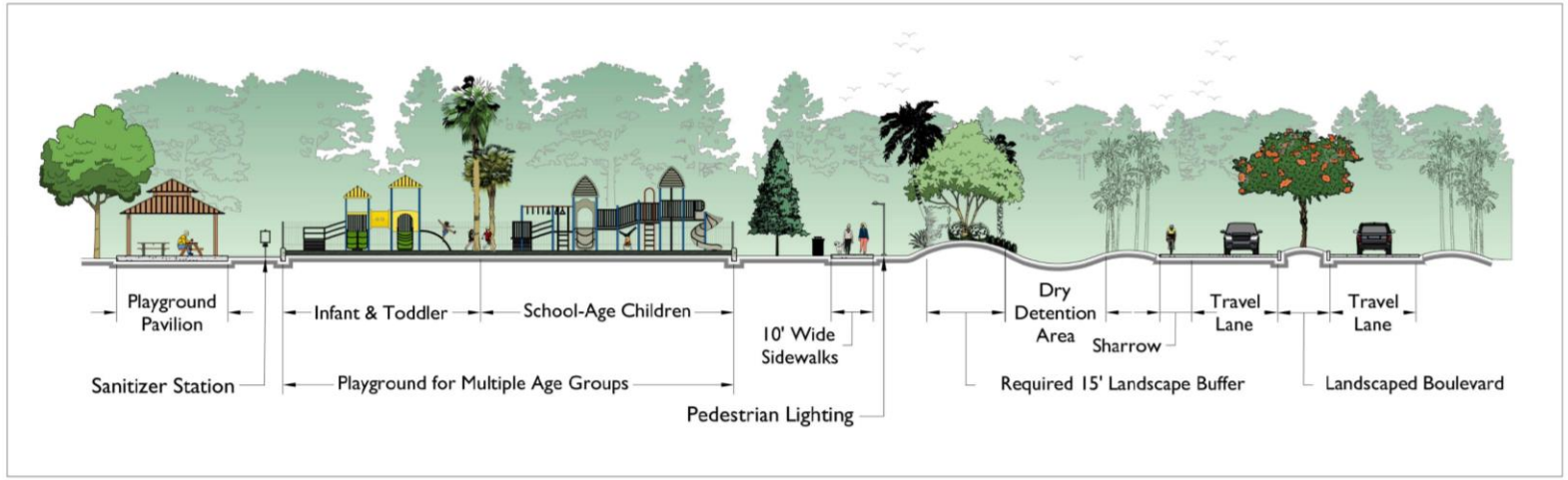
Neapolitan Publix

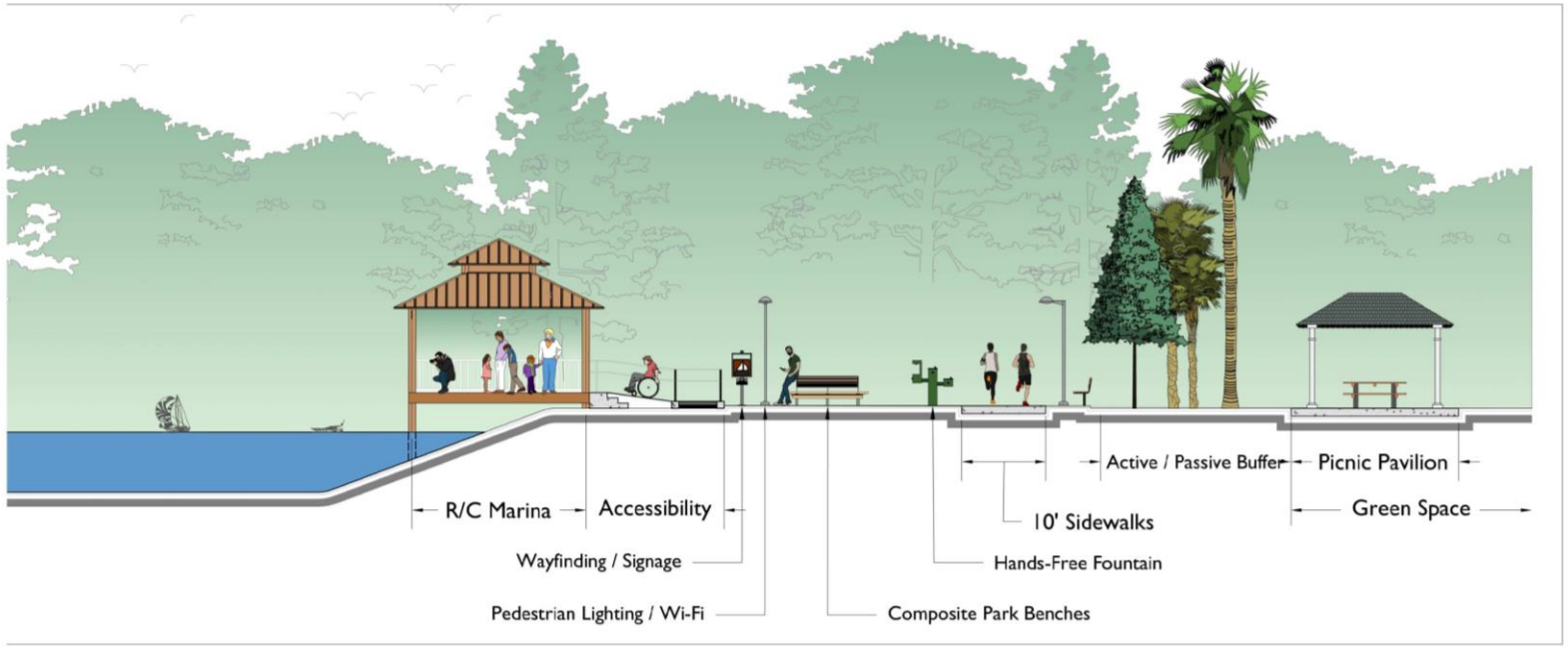
- Landscape buffers screen unsightly views
- Are typically required by development
- Tools to conveying ideas to stakeholders



Lehigh Acres Park

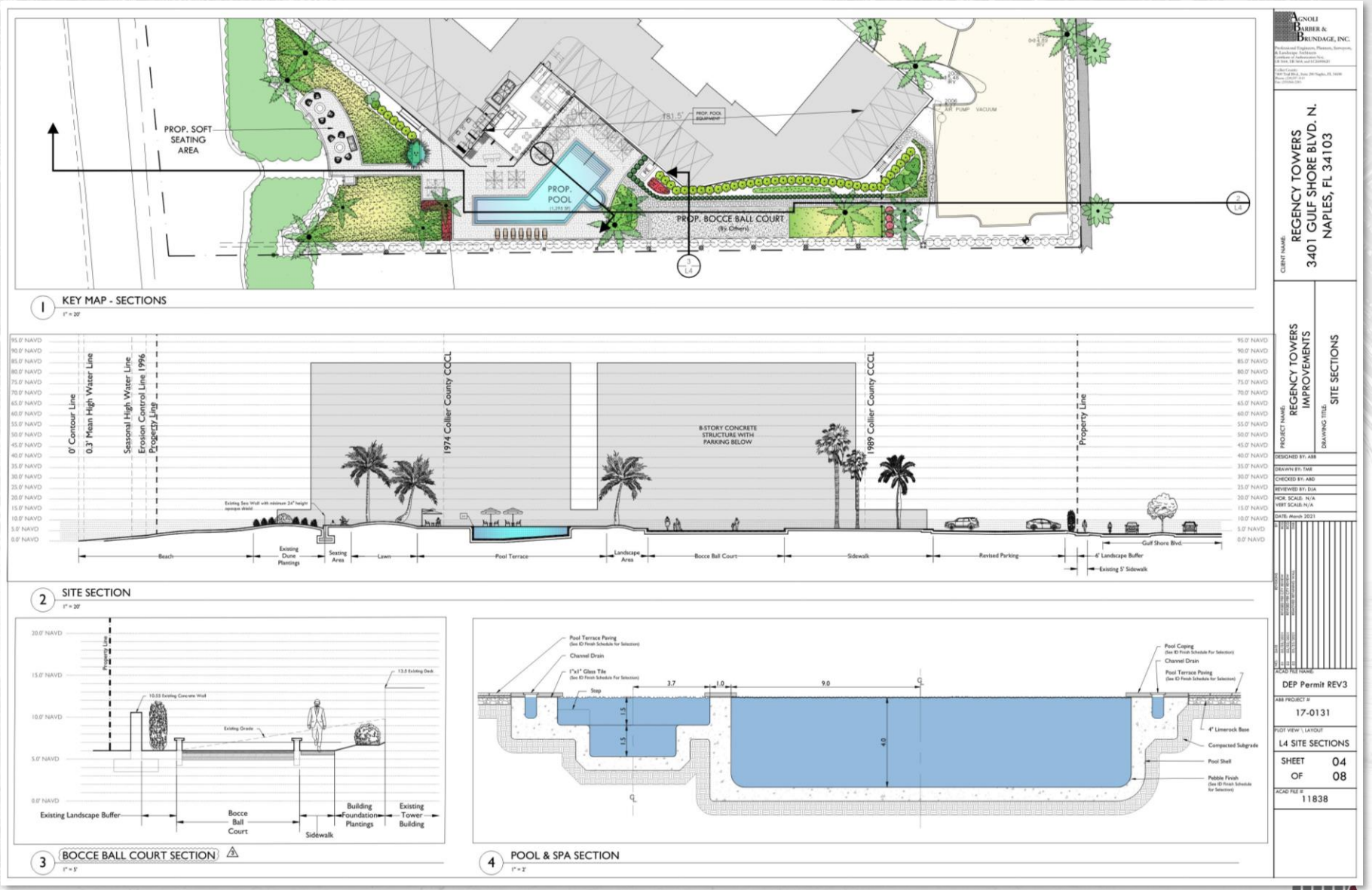
- Accessibility
- Scale
- Shade
- Experience
- Relationships
- Security
- Maintenance





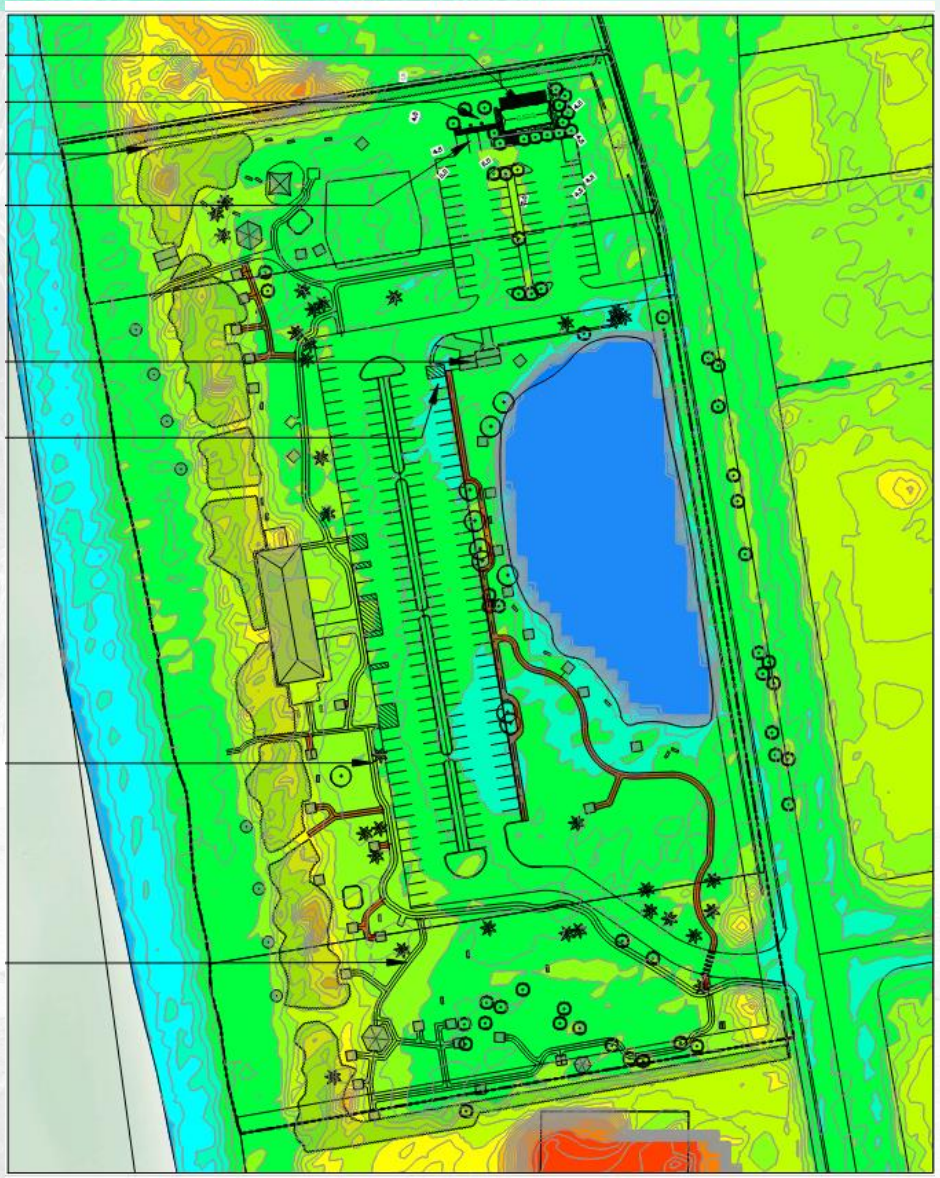
Regency Towers of Naples

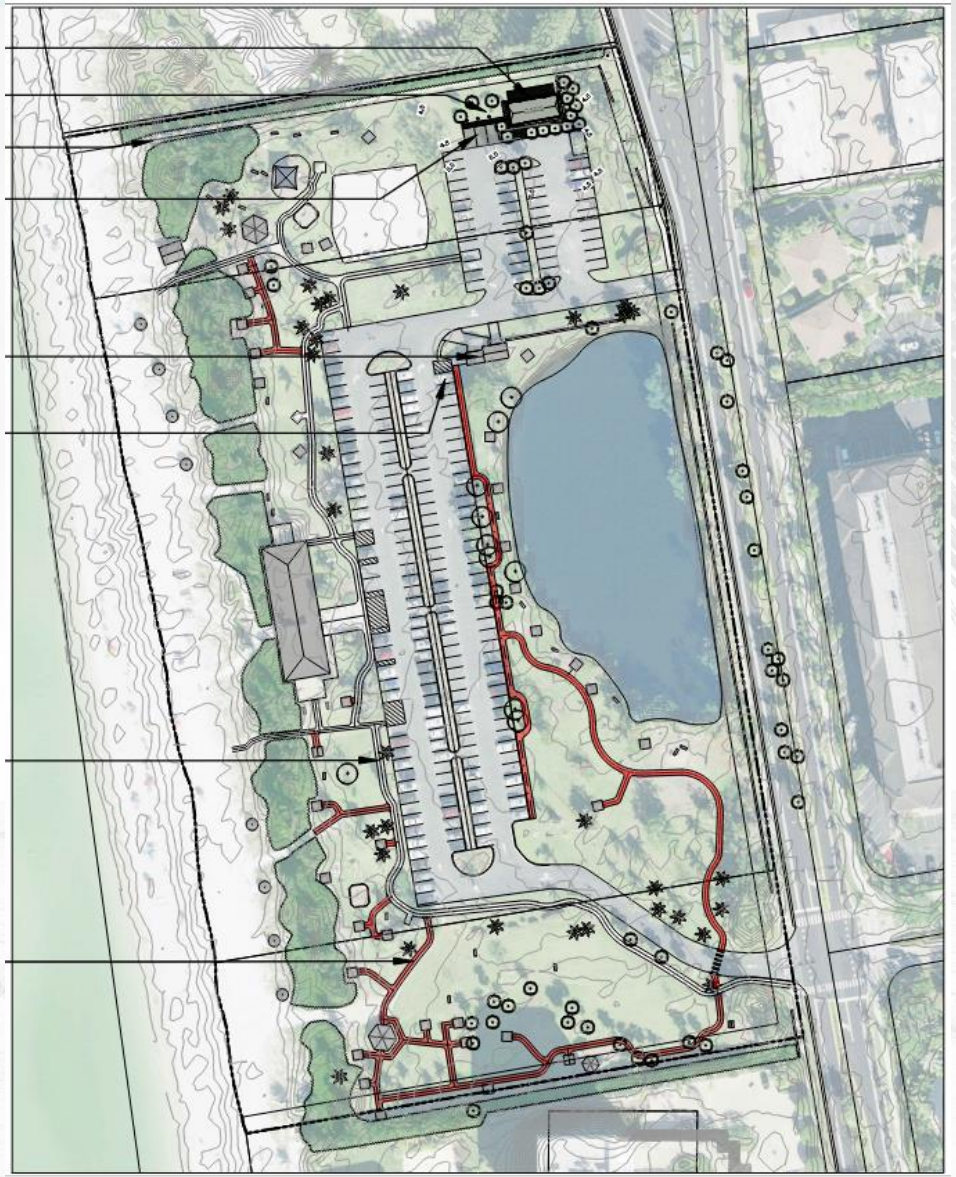
- Improvements seaward of the CCCL line, requiring DEP permits.
- Involves similar project elements (foot showers, salt-tolerant landscaping, lighting, accessibility).
- Maintenance driven solutions.



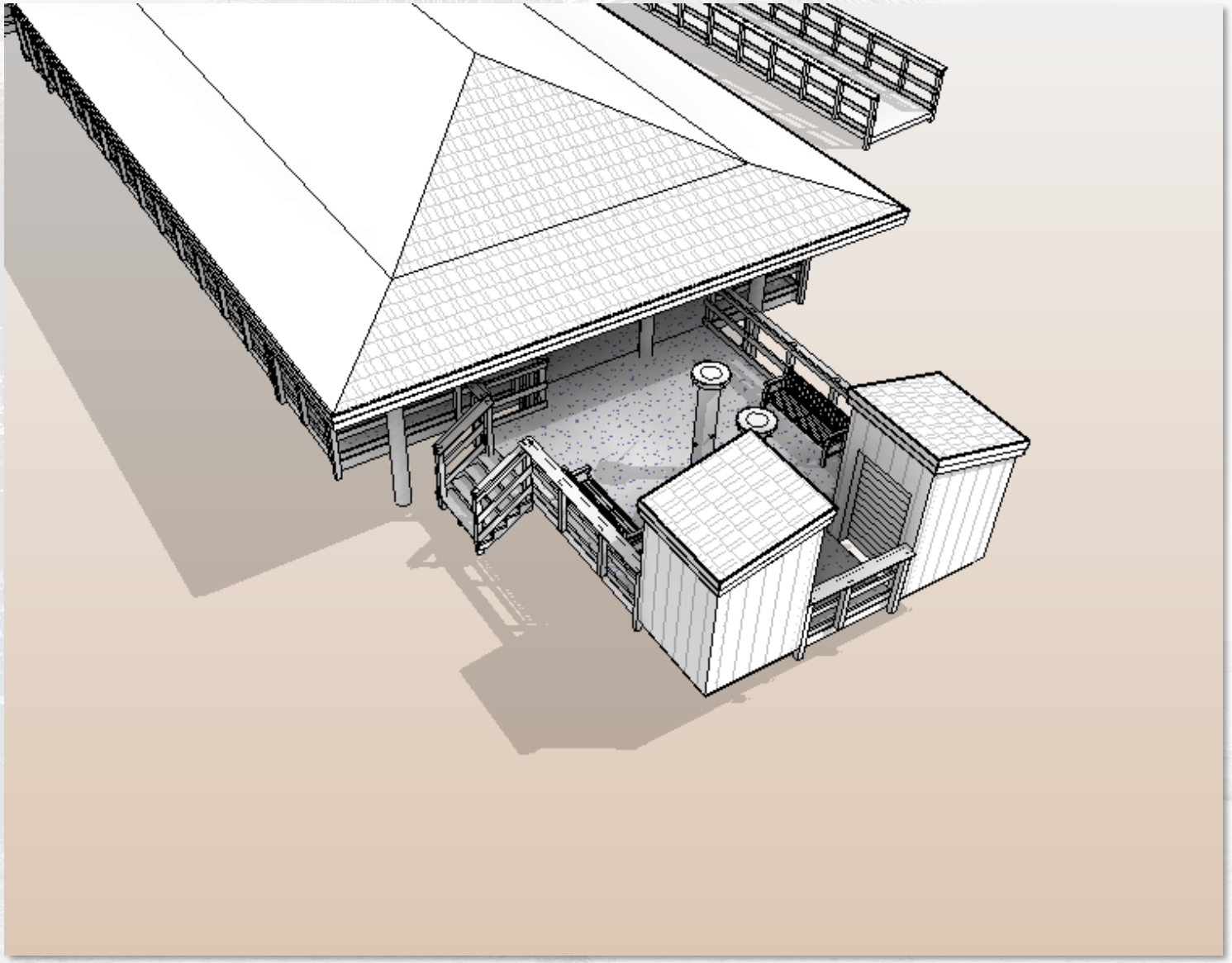
Lowdermilk Park

- Seaward of the CCCL line, requiring DEP permits
- Involves foot showers and management of sand
- Maintenance driven solutions
- ADA compliance

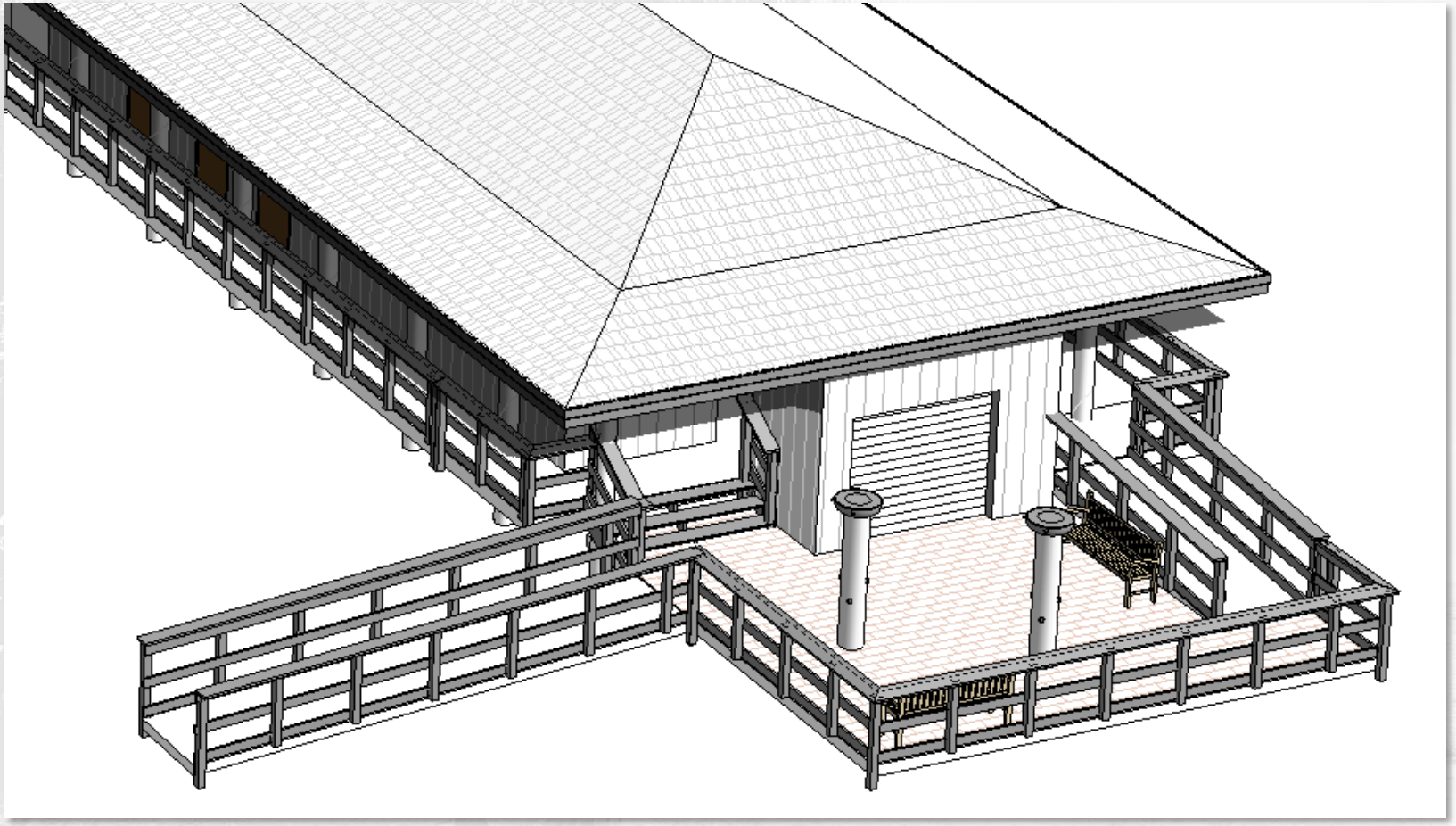


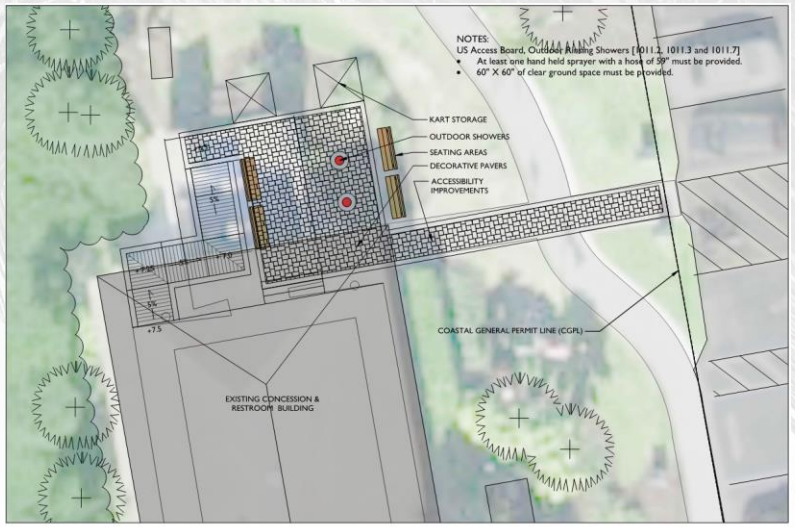


Lowdermilk Park



Lowdermilk Park

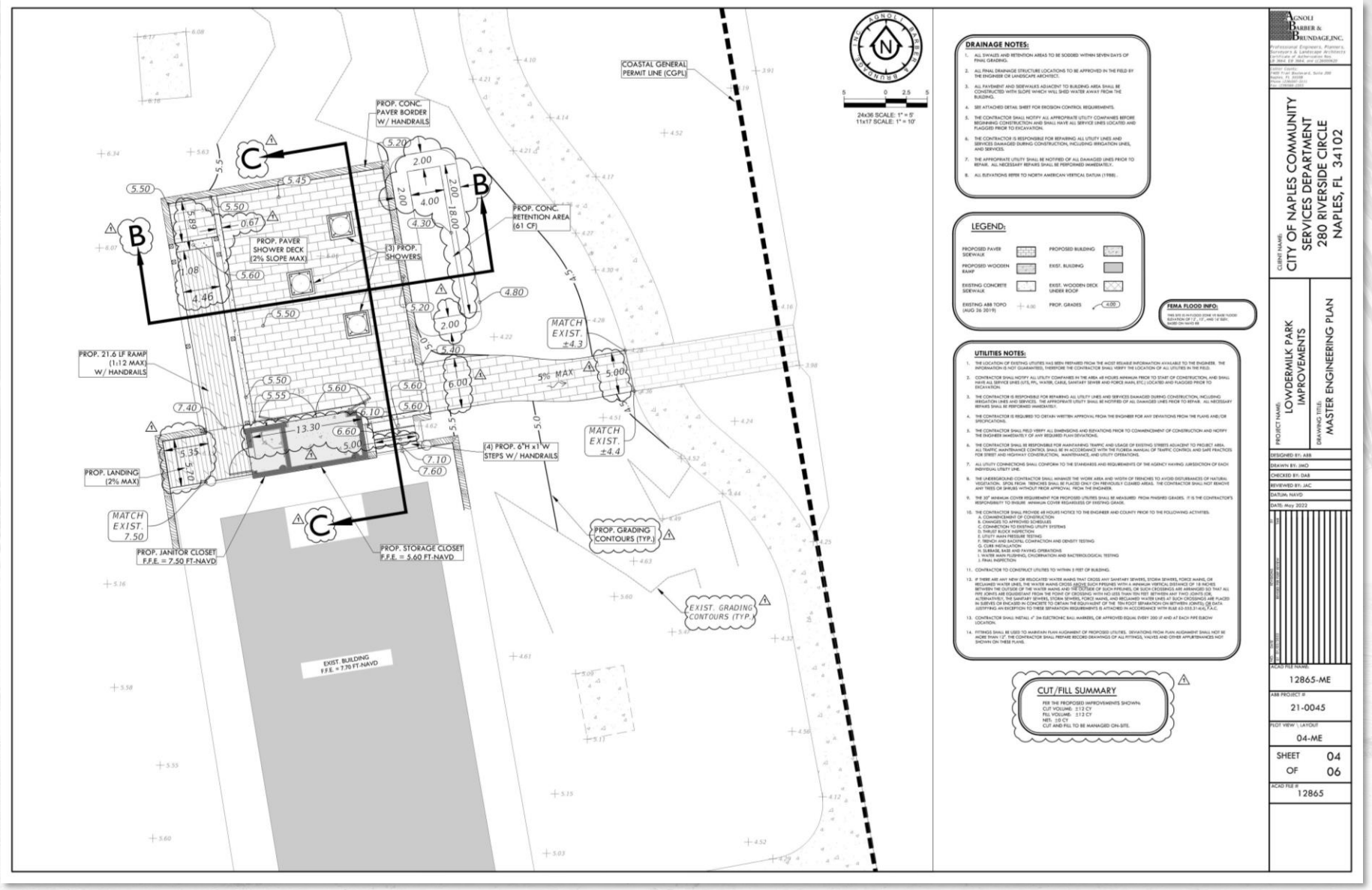




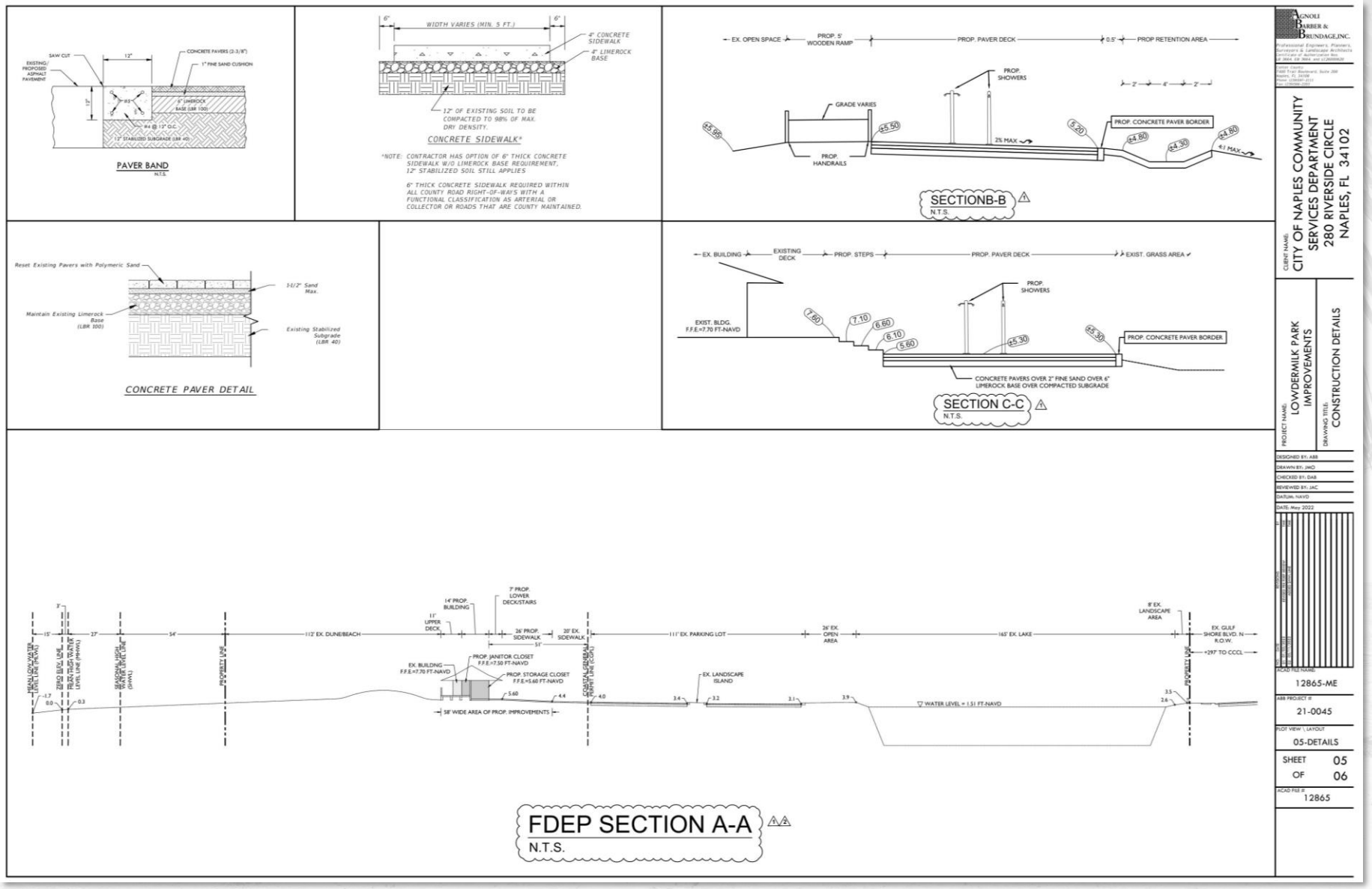
Proposed - Shower, Patio, & Accessibility Improvements

Scale: 1"= 5'

Lowdermilk Park



Lowdermilk Park



Project Objectives

The Beautification Advisory Committee has been tasked by the City Council with addressing aesthetics, functionality, and educational features of the City Public Beach Access Points.

The Beach Access Points are the gateway to Marco Island Beaches. The importance of this corridor cannot be underestimated. We have the potential to do something great here that is lasting, meaningful, and creates a unique sense of place for the City of Marco Island.

The following slides identify existing issues that need to be addressed, Define the scope of professional services required, and highlight some of the benefits of this project.

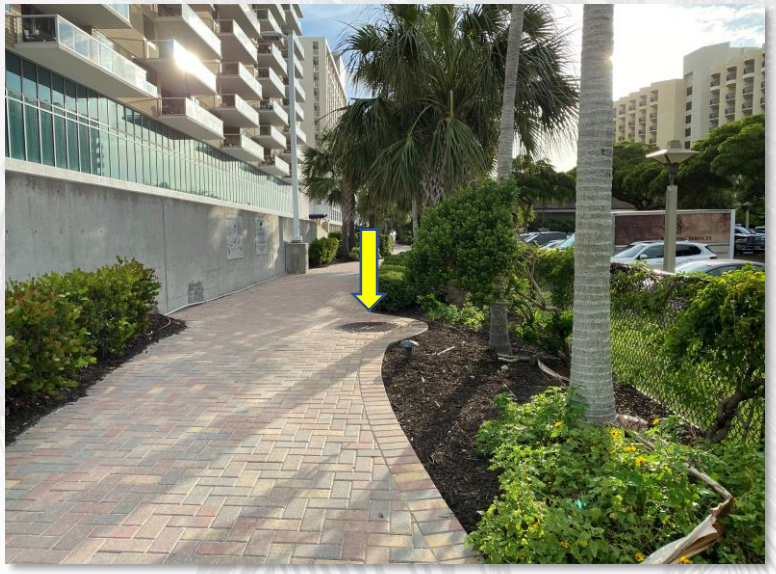
- Bicycle Parking
- Solar Compacting Receptacle
- Signage (Educational and Wayfinding)
- Turtle Friendly Pedestrian Lighting
- Showers
- Landscaping
- Security
- Spaces for Public Art

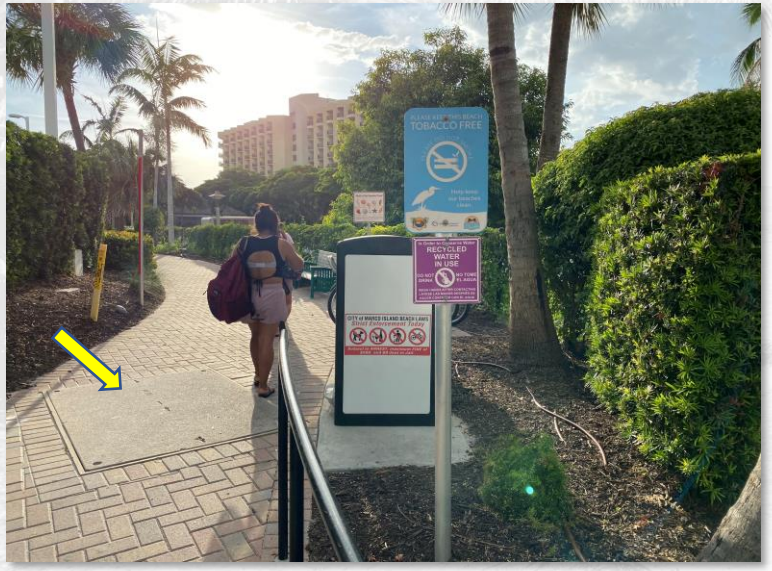
Public Beach Access Locations

Winterberry Drive Beach Access

Maple Drive Beach Access

Utilities (Winterberry)





Utilities (Maple)

Bicycle Parking

Solar Compacting Litter Receptacles

Signage

LOGGERHEAD SEA TURTLES (Caretta carretta) USE OUR BEACHES!
Between May 01 and October 31:
The Marco Island Beach is an important nesting habitat for the Loggerhead Sea Turtle
DO YOUR PART, KEEP OUR BEACHES DARK:
Adult and Hatchling turtles will get disoriented due to artificial lights:
No Flashlights, Campfires, Fireworks, or Flash Photography After 9 PM on Beach
All beachside lights should be off or shielded by 9 PM
PLEASE LEAVE ONLY YOUR FOOTPRINTS:
Do NOT interfere with Turtles, Eggs or Nests
Sea Turtles need a beach free of barriers that would prevent nesting & hatching:
Remove all Beach Furniture, Equipment & Garbage from the Beach Every Night
No Bicycles or Vehicles on Beach - No Pets on the Beach
TO REPORT DISORIENTATED, INJURED, OR DEAD SEA TURTLES, PLEASE CONTACT THE:
Sea Turtle Stranding Network at : 1(888) 404-FWCC (3922)
City of Marco Island www.cityofmarcoisland.com
Article V, Sea Turtle Protection
Ordinance #01-035

Shells of the Paradise Coast
Collection or injury to live shells, starfish and sand dollars is prohibited in Collier County, and is punishable by fine.

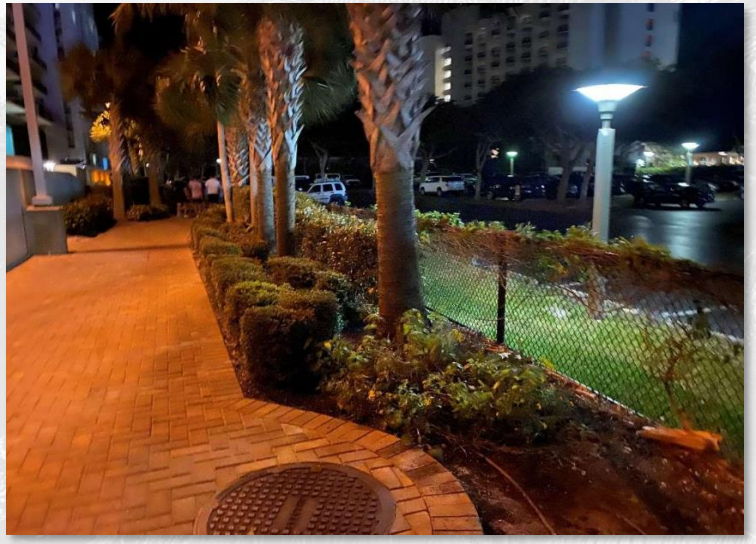
Summer at "The Beach"
Georgia
VisitCartersvilleGa.org

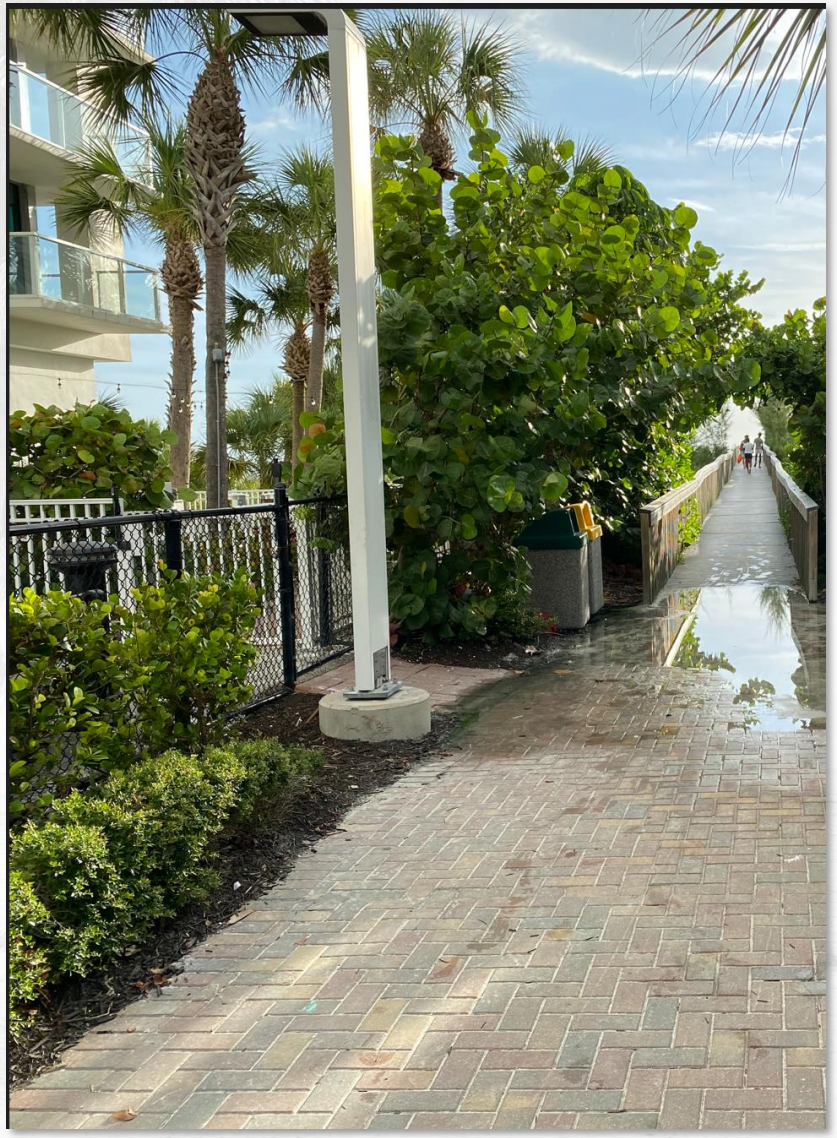
Welcome to Marco Island
Our beautiful beach is for everyone to share, including our birds and other wildlife. Please be respectful and avoid invading their space.
How Close is Too Close?
Wild animals and birds are sensitive to people so please observe them from a distance, if they act nervous and start to walk or fly away, then you are too close. Use binoculars for a better look.
Brown Pelican
snowy egret
black skimmer
willet
laughing gull
ruddy turnstone

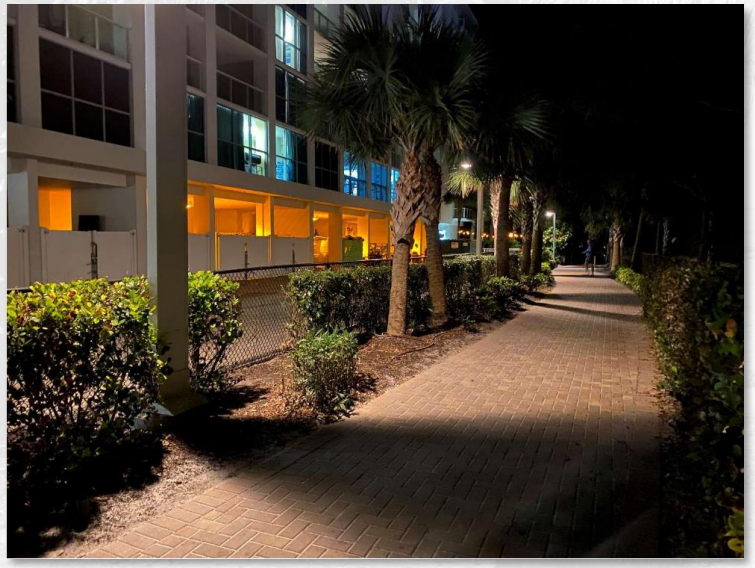
COMMON BIRDS of Ormond Beach
ANDY ROMANO BEACHFRONT PARK
For hundreds of years, these were the "right" whales to hunt. They were slow, lived in coastal waters, and their blubber-rich bodies floated after they were killed. By the 20th century, the population of North Atlantic right whales may have numbered only in the dozens. Today, this unique marine mammal remains in a struggle to escape extinction.

HELP PROTECT THE WATER QUALITY IN ARCADIA LAKE
Clean water begins at home...

Lighting





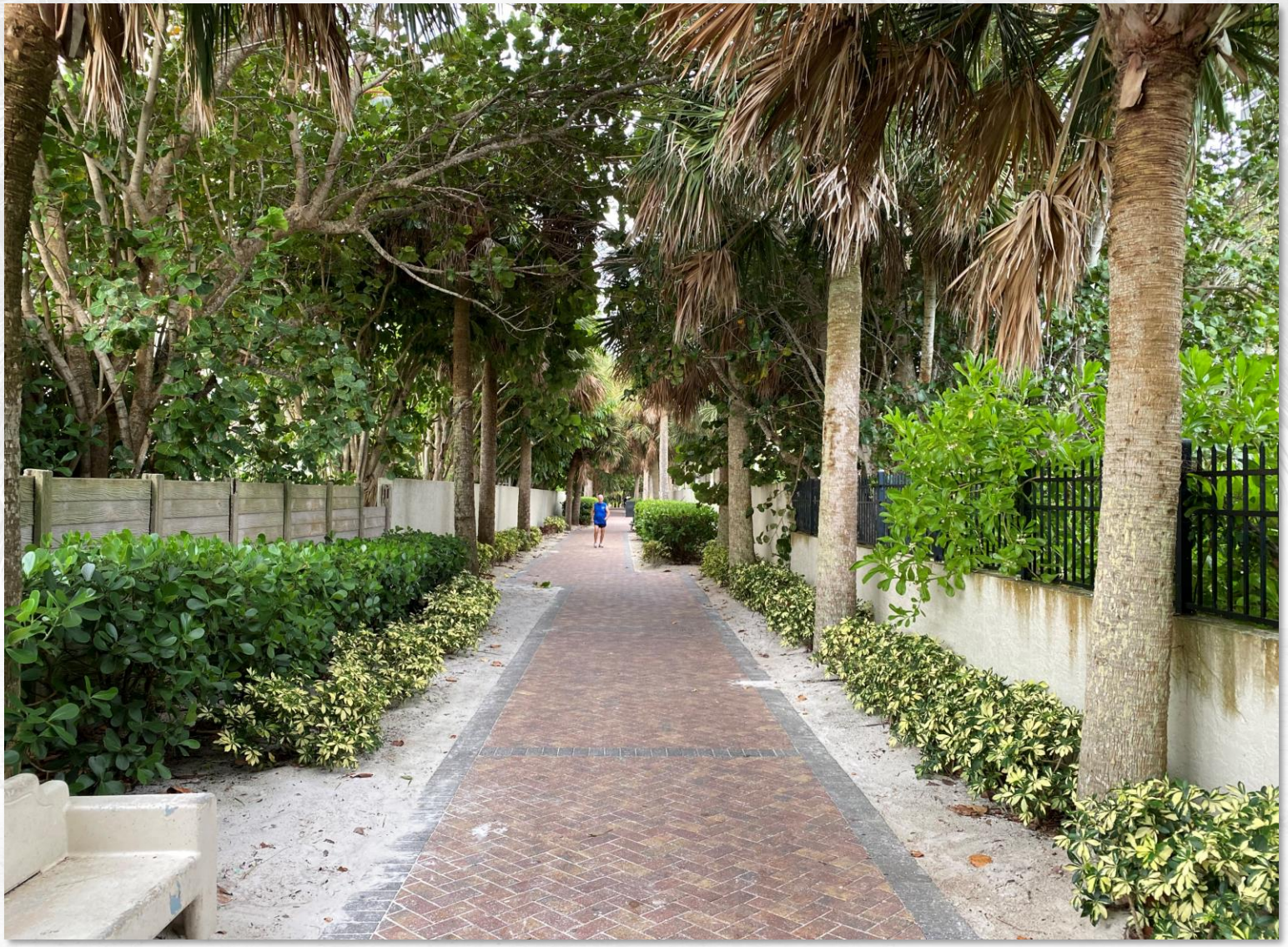


Lighting

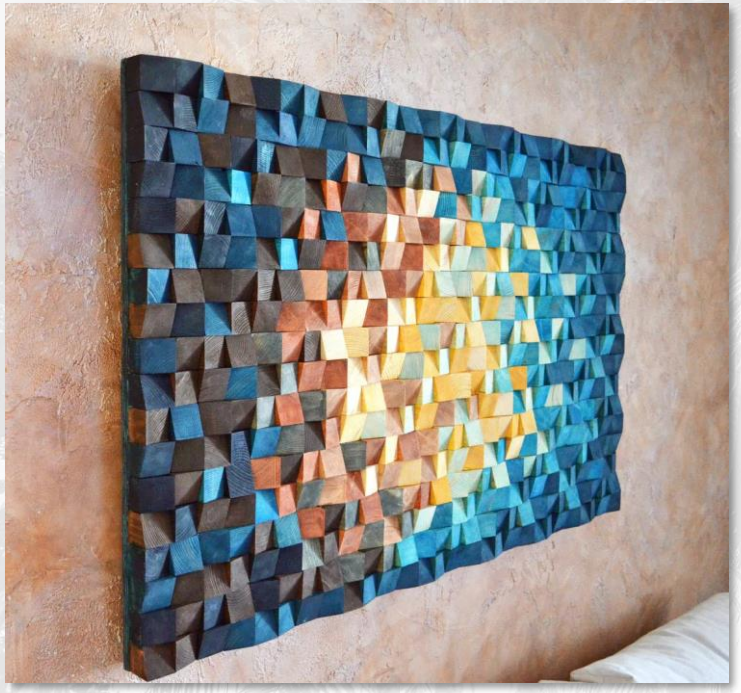
All lighting be long wavelength, downward directed, full cutoff, fully shielded and mounted as close to the ground or finished floor surface as possible to achieve the required foot-candles.

Showers

Landscaping



Spaces for Public Art



Site Security

Existing Conditions

Potential Improvements

EXHIBIT A
Estimated Project Budget
Marco Island Beach Access Improvements – Phase I
July 29, 2022

PROJECT NARRATIVE

The City of Marco Island (the "City") has requested ABB to provide a proposal to develop Landscape Plans and Specifications including some hardscape and support infrastructure for two public beach access points at the intersections of: Collier Boulevard and Maple Avenue (the "Maple Avenue Access") and Winterberry Drive and Collier Boulevard (the "Winterberry Drive Access").

The Maple Drive Access was reported to be 6-feet wide and 435 feet in length. Preliminary desktop research performed by ABB indicates the Public Access Easement is 15' wide. The Winterberry Drive Access was reported to be approximately 8' wide and 530' in length. Preliminary desktop research performed by ABB indicates the Public Access Easement is 20' wide.

ABB visited both sites and observed several above-grade features and apparent utility easements that need to be located and fully understood before moving forward with designs and/or construction plans. ABB proposes an initial Research and Topographic Survey phase to develop a comprehensive understanding of the limitations and constraints associated with each site. The findings from this initial Phase will be utilized to develop scope and budget for the project.

Please note that we anticipate our services as outlined in our scope to be completed within 120 days from the Notice to Proceed. However, we are requesting 365 days to allow for review by the Beautification Committee and any subsequent questions.

SCOPE OF SERVICES

Services for Phase I include:

A. Boundary & Topographic Survey

No design plans, as-builts or record drawings exist for these areas. The survey scope below could be curtailed if some of this information exists and can be provided. Significant infrastructure exists in these areas including large water mains, fire mains and high voltage electrical feeders and transformers. We will need to consult with LCEC and possible ground maintenance of the adjacent parcels.

1. Collier Boulevard and Maple Avenue (O.R. 4100, Pg. 0762) **$ 6,970 T/M**

ABB will perform a boundary and topographic survey of the above-referenced parcel for design and permitting purposes. We will obtain ground elevations throughout the referenced property and locate all above ground visible improvements. We will also field locate any below ground utilities that have been marked or flagged. These elevations will be based on NAVD 88. This boundary and topographic survey will meet the Minimum Technical Standards pursuant to Section 472.027 of the Florida Statutes.

2. Winterberry Drive and Collier Boulevard (O.R. 1010, Pg. 0034) **$ 6,020 T/M**

ABB will perform a boundary and topographic survey of the above-referenced parcel for design and permitting purposes. We will obtain ground elevations throughout the referenced property and locate all above ground visible improvements. We will also field locate any below ground utilities that have been

marked or flagged. These elevations will be based on NAVD 88. This boundary and topographic survey will meet the Minimum Technical Standards pursuant to Section 472.027 of the Florida Statutes.

B. Stakeholder Meeting **$ 5,000 T/M**

ABB will prepare schematic plans and associated graphics to communicate the design intent and character of each corridor and to develop pricing for the project. The preliminary designs will, at a minimum, address landscaping, lighting, signage, pedestrian pathways, bicycle parking, and site amenities. ABB will also explore locations and opportunities for public art. All documents will be in presentation format and provided electronically. ABB will present the Phase I findings to the Beautification Committee for further direction.

TOTAL	**$17,990 T/M**

T/M = Time and Materials. Billings will be based on actual time and materials expended in accordance with our rate schedule. Budgets given are an approximate amount and will not exceed without prior authorization. Billings will be made on a percent of budget basis.

Estimating Note: The hours and rates given above are provided for estimating purposes only. Actual time and materials may vary based on conditions encountered and the qualified personnel available at the time services are rendered.

NOTE:

- All review fees paid to agencies to be supplied by Client.
- Building permits not included.
- The project elements considered in this study will be located landward of the CCCL and not subject to DEP permitting.