

**JUPITER INLET LIGHTHOUSE  
OUTSTANDING NATURAL AREA  
PARTNERSHIP AND TEMPORARY  
USE OF FACILITIES PROPOSAL**

**FROM  
LOGGERHEAD MARINELIFE CENTER  
JUNO BEACH FLORIDA**

**FOR  
COASTAL CAMP FOR YOUTH  
AND  
CENTER FOR VISITING SCIENTISTS  
MAY 2020**



## **JUPITER INLET LIGHTHOUSE OUTSTANDING NATURAL AREA PARTNERSHIP AND TEMPORARY USE OF FACILITIES PROPOSAL**

**Organization Name:** Loggerhead Marineline Center, Inc.  
(LMC) is a Florida nonprofit 501(c)3 located in Palm Beach County's Loggerhead Park in Juno Beach.

### **BASIC CONTACT INFORMATION**

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**Mailing Address:** 14200 U.S. Highway One, Juno Beach, Florida 33408

**Physical Address** (if different): Same

**Primary Contact Person:** Ray Graziotto, LMC Board Member, Chair, Building & Exhibits Committee

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### **PROPOSED USE**

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**UNITS OF INTEREST** (Please check all that apply):

	Unit F
X	Unit G
X	Unit H
X	Unit I

#### **PROPOSED USE:**

Loggerhead Marineline Center (LMC) proposes to remodel and use three of the four historic Units: Unit G, Unit H, and Unit I for the purpose of accelerating environmental education and marine-science research in the Outstanding Natural Area (ONA).

**Unit G** becomes the JILONA Center for Visiting Scientists (tentative naming). The Center would serve as a field station with short-term lodging for researchers, PhD students and college interns working within the ONA and the surrounding area, managed by LMC in collaboration with BLM and other community partners.

**Unit H and Unit I** become cabin housing for Coastal Camp, a year-round residential youth camp for ages 10-17 operated by the non-profit Loggerhead Marineline Center, Inc. (LMC)

LMC would work in collaboration with Bureau of Land Management (BLM), Loxahatchee River Historical Society (LRHS) and other community partners to offer an immersive educational experience that is

inspired and informed by the unique natural, cultural, scenic, historical, scientific, recreational, and educational values of the Jupiter Inlet Outstanding Natural Area (ONA).

### **DETAILED PROPOSAL**

The Jupiter Inlet Lighthouse Outstanding Natural Area, (JILONA) located where the Indian and Loxahatchee Rivers flow toward the Atlantic, is an internationally significant slice of Florida wilderness surrounded by a lively, growing urban hub.

Approved by Congress and signed into law by president George W. Bush in May 2008, the Outstanding Natural Area (ONA) was created to “protect, conserve, and enhance the unique and nationally important historic, natural, cultural, scientific, educational, scenic, and recreational values of the Federal land surrounding the Lighthouse for the benefit of present generations and future generations for the people in the United States.”

The iconic Jupiter Inlet Lighthouse and Museum, a leading Palm Beach County cultural institution within the ONA, furthers this mission with a rich array of public outreach to acquaint guests with the area’s 5000-year history. The BLM’s initiatives—from National Public Lands Day to programming with Jupiter High School’s Environmental Research and Field Studies Academy—make good use of the site’s assets to promote public education and appreciation.

Loggerhead Marinelife Center (LMC) proposes to partner with the BLM for temporary usage of these historic facilities to expand the ONA’s mission by creating Coastal Camp, a year-round residential youth camp, and establish the JILONA Center for Visiting Scientists.

### **I. Coastal Camp: Units H and I Offer an Immersive Marine-Science Education at Jupiter Inlet ONA**

Our vision is to use Units H and I as cabins for a coastal residential youth camp where young people can experience the richness of the 120-acre ONA site, surrounding waterways, and other local scenic and ecologically important community assets.

Participating youth will learn about Florida’s coastal ecosystems—from the Loxahatchee and Indian Rivers to the Jupiter Inlet and coastal reefs. They will extrapolate these lessons to a larger world. Their experiences will be framed by LMC’s tested curriculum and they will engage with educational offerings from BLM and Lighthouse/LRHS. By providing overnight accommodation, Coastal Camp will allow youth from the farthest parts of the County, State and beyond to learn alongside locals in discovering, exploring and learning within the ONA.

**Unit H and Unit I:** James A. Armour Cabin (Unit H) and Mary V. Tindall Cabin (Unit I). These two tentatively named cabins serve as the sleeping quarters and makerspace for residential campers. LMC will work with LRHS to name them after important figures who have shaped the ONA’s history.

### **Occupancy**

The James A. Armour Cabin (Unit H) sleeps up to 12 male and/or male identifying campers, including two private bunks and private bath to accommodate gender identity. Two additional bunks accommodate male chaperons for overnight safety and supervision.

The Mary V. Tindall Cabin (Unit I) sleeps up to 12 female and/or female identifying campers, including two private bunks and private bath to accommodate gender identity. Two additional bunks accommodate female chaperons for overnight safety and supervision.

### **Operations**

The residential camp operates year-round, hosting campers during seasonal spring, winter and summer school breaks in alignment with local and national K-12 academic calendars. Camper check-in begins Sunday with mandatory site and safety instruction for all campers. Counselors enforce “lights out and locked in” at 10 pm. Camp schedules vary by age and curricular focus, but average 8:00 am start time for the first meal. LMC follows American Camp Association guidelines, will follow them at Coastal Camp and seek accreditation.

### **Security**

Students sleep in age and gender appropriate air-conditioned accommodations. All counselors staying on-property are issued keys for unit access. There is 24-hour security and video surveillance in unit common areas and external doors. During camp operation, LMC staff is located within the accommodation buildings for supervision and in case of emergencies.

### **Parking**

LMC student bus and staff cars are the only vehicles permitted overnight; catering vehicles from LMC require daily access to the site for meal catering.

### **Renovation**

While remaining faithful to the period style of the exteriors, the two structures undergo complete renovation including, but not limited to:

- roof replacement
- installation of new hurricane resistant windows and doors
- new HVAC system
- new flooring
- new electrical system
- required abatement of any asbestos or other environmental issues.
- new insulation
- connection to city water and sewer
- American Disabilities Act compliant

Interior walls are removed; demolition takes structure shell, before improvements are made.

The kitchen area with sink, dishwasher and refrigerator is open concept—extending the countertop space to accommodate buffet-style camp meals and expanding indoor activity space in each unit.

*Please see proposed Cabin Floor Plan and Bunk Layout attached hereto as Exhibit “A”.*

We have engaged YRA Architects to develop these preliminary plans. Should we be selected, YRA will be hired by us to produce a full set of design and construction documents for permitting as required. YRA has been licensed (#AA-0002536) in the state of Florida and doing business here for over 25 years. Similarly, upon selection we will engage a competent licensed General Contractor to perform the required improvements.

## **2) Center for Visiting Scientists: Expanding Collaborative Research within the ONA**

Our vision is to transform Unit G into the Center for Visiting Scientists at JILONA, offering affordable short-term accommodations for scientists, PhD students and college interns conducting research in South Florida's scrub and marine ecosystems. The Center would be well used for collaborative studies conducted within the ONA and the surrounding areas, as securing affordable or temporary housing in Palm Beach County is a growing challenge. LMC will work with LRHS to name the Center after an important figure in the ONA's history.

### **Occupancy**

The Center's occupancy varies depending on projects during any given month. Occupants would include scientists whose research focuses on habitat monitoring, shoreline restoration, water quality monitoring and coastal ecology. For example, LMC has existing partnerships with the following, and their researchers could use the field station for their work: National Oceanic and Atmospheric Administration (NOAA), University of Louisville, Monash University (Australia), University of Florida, University of Massachusetts-Amherst, Cal Poly, Florida Atlantic University, and University of South Florida, among many other accredited universities. Researchers such as BLM field biologists and LRHS visiting historians, and so on could find the Center useful as well.

The Center envisioned is a three-bedroom apartment suite equipped with a shared living space and full kitchen, including a dishwasher, sink, range, oven, and refrigerator. The remodeled standard living space can accommodate small meetings, shared dining and flexible indoor workspace.

### **Operations**

The Center operates year-round, in tandem with the coastal residential youth camp schedule. Duration of stay for visiting scientists varies based on project scope.

### **Security**

There is 24-hour security and video surveillance in unit common areas and external doors.

### **Parking**

Guests using the Center are permitted to park one vehicle on site. We encourage car-pooling, ride sharing, and alternative methods of transportation to minimize environmental impact.

### **Renovation**

While remaining faithful to the period style of the exteriors, the structure would undergo complete renovation including, but not limited to:

- roof replacement
- installation of new hurricane resistant windows and doors
- new HVAC system
- new flooring
- new electrical system
- required abatement of any asbestos or other environmental issues.
- new insulation
- connection to city water and sewer
- American Disabilities Act compliant

Interior walls are removed; demolition takes the structure back to the shell, before the improvements are made. The kitchen contains sink, dishwasher, microwave, refrigerator, cooktop and oven.

*Please see proposed Floor Plan for Scientists' Center attached hereto as Exhibit "B."*

We have engaged YRA Architects to develop these preliminary plans. Should we be selected, YRA will be hired by us to produce a full set of design and construction documents for permitting as required. YRA has been licensed (#AA-0002536) in the state of Florida and doing business here for over 25 years. Similarly, upon selection we will engage a competent licensed General Contractor to perform the required improvements.

### **PAST ACCOMPLISHMENTS RELATIVE TO PROPOSED USE:**

Loggerhead Marinelife Center has long been a beloved local educational institution. In the past 37 years, it has become a state leader in marine-science education and a global leader in sea turtle health and ocean conservation. The Center draws more than 350,000 visitors each year to its sea turtle hospital.

Today, the Center welcomes more than 350,000 guests each year. It hosts more than 70,000 school children on campus annually through field trips, outreach programs, summer camp and other educational experiences. More than 100,000 students learn with us through our Virtual Coastal Classroom, community events, and programs in partnership with classrooms in the School District of Palm Beach County. There is no charge to enter the Center so that access is available to all.

The Center's portfolio encompasses education, conservation, rehabilitation and research. Our competitively priced education programs draw students from ages 4 to 18 with scholarships and bussing reimbursement available. Our age-appropriate curriculum introduces participants to the veterinarians who heal our patients; they learn from LMC researchers who monitor our beaches; they engage with our volunteers who make coastal conservation their top priority.

LMC partners with the School District of Palm Beach County to supply standards-aligned lessons for students and professional development for educators. Through the Center's Oceans of Opportunity initiative, we broaden our reach to the Western Palm Beach County communities.

### **In our educational programming, we strive for excellence, always:**

- Our motto is "hands-on, feet-wet" learning. We believe that new knowledge comes easily when exploring concepts feels like play. We integrate games for greater engagement.
- Our programs are mission-centric — focusing on marine science, coastal ecosystems, and ocean conservation.
- We use marine-science tools and equipment so that students get real-world experience.
- We ask aspiring scientists to apply their new skills and learning to tackle practical problems.
- Our experienced docents inspire students through their positive attitudes, inclusive style, and "there's no such a thing as a dumb question" approach to learning.
- We stay current with pedagogical research and incorporate youth trends and interests into our curriculum. We adhere to best practices from the American Camp Association.
- Our K-12 programming incorporates Science, Technology, Engineering, Art and Mathematics (STEAM) concepts and applications. All school programming is aligned with Florida's Next Generation Sunshine State Standards (NGSSS) making it easy for teachers to use our lessons.
- We have impact: We reach more than 170,000 individuals each year through our various campus-based, school, and virtual outreach programs.

**Our staff, board, and volunteers represent a deep bench of expertise.**

The applicant team includes experts in marine construction, general construction, architecture and home building. They will insure best practices, bidding integrity, and cost-effective, high quality work from initial design to final coat of paint. They are experienced in working with federal, state and local governments and entities. This team will adhere closely to all BLM processes and procedures.

Our staff has strong education and camp expertise: Hannah Campbell, Director of Education, an award-winning educator, has led LMC's Junior Marine Biologist camp for 8 years. She is an American Canoe Association Certified Kayak Instructor and member, Safety Education & Instruction Council (SEIC).

Hannah's team has collaborated with community partners to design immersive camp experiences at iconic natural spaces managed by PBC Parks & Recreation, Florida State Parks and USFWS National Wildlife Refuge system. The team includes environmental educators with zoo and aquarium camp experience. All are experts in best safety practices. Hannah was named Outstanding Educator by the Florida Chapter of The Wildlife Society and received Girl Scouts of America Emerald Award in Outdoor and Environmental Leadership.

The LMC Board's Education Committee, chaired by Dr. M.J. Saunders, former FAU president, advises the staff, and promotes partnerships with area educational institutions. For a complete portfolio of LMC's education programming, go <https://marinelife.org/experiences>. LMC follows American Camp Association guidelines, will follow them at Coastal Camp and seek accreditation.

LMC is known for its integrity and professionalism in its business practices. Jack E. Lighton, CEO and President, has a background in marketing and data analysis. COO Tim Hannon has a background in site management and logistics. Caitlin Farmer, CFO, runs a tight ship and has an excellent reputation with our business partners for accountability and transparency.

**LMC staff is active in national, state and local cultural, civic and scientific communities:**

Association of Science and Technology Centers (ASTC)

US Fish & Wildlife Service

Florida Marine Science Educators Association (FMSEA)

Hannah Campbell, LMC Director of Education, serves on its board

Friends of Loxahatchee National Wildlife Refuge

Hannah Campbell serves on its board

Palm Beach County Cultural Council

Jack E. Lighton, CEO, serves as Board Member Ex Officio

Palm Beach County STEM Council

LMC Director of Education serves on PBC Academic & Career Pathways Committee

PBC Tourist Development Council

Discover the Palm Beaches

Palm Beach North Chamber of Commerce

Jack E Lighton, LMC CEO, is Board member

Florida Cultural Alliance

Leadership Palm Beach County

Hannah Campbell is a Graduate of Leadership Palm Beach County, Class of 2020

*Please see LMC's Decade of Impact Report attached hereto as Exhibit "C."*

*Please see LMC's Corporate Partnerships Report attached hereto as Exhibit "D."*

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## ELIGIBILITY

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### **ORGANIZATION ELIGIBILITY** (Please check all that apply):

- Local Partner identified in the ONA's designating Act;
- Other Federal, State or local government entity
- Organization established by State legislator
- X      **Non-profit organization**

### **ORGANIZATION'S MISSION STATEMENT**

*Loggerhead Marineline Center's mission is to promote conservation of ocean ecosystems with a special focus on threatened and endangered sea turtles.*

*LMC's vision is to be a leading authority locally and internationally in ocean conservation via sea turtle research, rehabilitation and educational programs.*

Loggerhead Marineline Center, a 501(c)3 nonprofit education and ocean conservation facility in Juno Beach, Florida, houses a variety of exhibits, live sea turtles and other coastal creatures. Exhibits include a massive prehistoric Archelon sea turtle replica, saltwater aquaria and displays of local wildlife, as well as educational displays about South Florida's coastal ecosystems.

LMC was founded by one woman's experience with Florida's coastal environment. In 1973, new Juno Beach resident Eleanor Fletcher noticed the abundance of sea turtles nesting on our shores in spring and summer. She was curious about why so many hatchlings headed landward after hatching, rather than to sea. She began to realize that urban lighting impeded their journey. As a result, she began some of the earliest research on sea turtles in our area. Thanks to her efforts, the predecessor organization of the Loggerhead Marineline Center was formed. Today, the 9.5 miles of beach that the Center monitors is one of the world's most heavily nested sea-turtle beaches on the planet.

In 2019, the Center welcomed more than 350,000 guests. They come to see exhibits, visit patients in our sea turtle hospital, and learn about the ocean. It hosts more than 70,000 school children on campus annually through field trips, outreach programs, summer camp and other educational experiences. More than 100,000 students learn with us online through our Virtual Coastal Classroom, community events, and programs in partnership with classrooms in the School District of Palm Beach County.

The Center is housed in a 12,000 square foot certified "green" facility. An expansion will add 27,000 square feet to the current building, adding hospital tanks, research facilities, interactive exhibits, classrooms and a secure ocean-water pumping system for the Outdoor Sea Turtle Hospital.

LMC has three Board-level committees, each comprised of experts in their fields, whose work is important to this application:

- Education Committee, chaired by biologist Dr. M. J. Saunders, former president of FAU
- Research Committee, chaired by Jodie Eldridge, field biologist for FPL
- Building and Grounds Committee, chaired by Ray Graziotto, former Board chair, and primary contact for this application.

*Please see LMC Board list attached hereto as Exhibit "E."*



The Center has a robust corps of more than 500 committed volunteers who assist in the turtle hospital, welcome visitors, guide tours, work in the gift shop and serve as education docents. The Center has a loyal donor base, including two supporter groups: Blue Friends Society, with more than 800 members and Circle of 100 which comprises nearly 200 donors who give \$5000 or more annually.

## **SUPPORT AND ENHANCEMENT OF ONA VALUES**

### **Recreational**

*“When I was Palm Beach County Commissioner working with partners to create JILONA, a key driver was providing more passive recreational opportunities for the public to understand and value our natural resources,” says Karen Marcus, LMC Board Member. “That’s why I love the Coastal Camp idea. Children attending will learn how to preserve this unique recreational space for future generations.”*

LMC will offer passive recreational experiences that align with the ONA’s values and usage guidelines, such as:

- narrated day and evening cruises focusing on history, marine ecology and coastal culture on LMC Floating Classroom (launches 2022).
- kayak eco-tours, collaborating with providers to expand LMC’s kayak inventory.
- implement Project SHIELD, an initiative to reduce marine pollution, at Cato’s bridge.
- compliment LRHS’s Veteran’s Fishing Program with volunteers.
- replicate LMC’s successful Responsible Angling program at the ONA.

### **Educational**

*“LMC educational programming is successful because we are not theoretical. We teach kids concepts ‘from the ground and water up,’” notes Dr. Mary Jane Saunders, FAU Professor of Biology, LMC Board Member, and Chair, LMC Education Committee. “Our teaching motto, ‘hands-on, feet-wet’ illustrates the approach we use to engage young people. Without question we would integrate the ONA’s unique cultural, natural, historical and scientific features into our programming because doing so will only make it stronger and more impactful.”*

Coastal Camp, a year-round overnight/resident camp for ages 10–17, will provide structured and educational access to this unique site to teach about marine science and coastal ecosystems.

### **Current LMC partners who will benefit include:**

- Girl Scouts of Southeast Florida can create outdoor choice badges at ONA.
- School District of Palm Beach County can hold educator workshops to introduce more teachers to the ONA’s unique resources.
- FWC/FMSEA can offer Aquatic Species Collection and Native Species Identification Workshops and Florida Master Naturalist Program classes.
- Center for Visiting Scientists offers opportunities for immersive workshops for educators, researchers, historians, veterinarians and other members of the scientific community whose work would benefit from access to the ONA.
- LMC can help create coastal trail signage, drawing on the success of our Adopt a Natural Area partnership with ERM.

*Please see ERM Partnership Letter attached hereto as Exhibit “F.”*

### **Scenic**

*“LMC’s educational programming puts a focus on preservation and restoration of natural resources” says Leanna Landsmann, LMC board member and past board member of LRHS. “Highlighting the ONA’s unique scenic values will frame the coastal residential youth camp experience. Kids will love this special place and learn to protect it.”*

### **LMC will:**

- plan programmatic activities to minimize disturbance of natural area and teach campers the importance of this principle.
- install native landscaping around renovated units and integrate the why and how to care for native landscaping into Camp activities.
- support Florida Master Naturalist Program projects such as butterfly gardens.
- engage campers and public in community clean-ups on grounds and coastline at such events as Earth Day, Great American Coastal Clean Up, National Public Lands Day, and others.
- enlist LMC’s Blue Friends, Volunteer Corps, and Corporate Partner Volunteers such as those in FPL’s Power to Care Day, to help with BLM-designated projects such as shoreline restoration, invasive species removal, structure painting, landscaping and so on.

### **Historical**

*“LMC’s education staff is particularly excited to promote the rich history of the site, seeing it through our curriculum’s marine-science lens,” notes Hannah Campbell, LMC Director of Education. “Working with LRHS Historian Josh Liller, we will weave the unique history and cultural importance of the ONA into the fabric of our camper experience so that ONA’s legacy lives on through future generations.”*

### **LMC will integrate key history lessons into our “hands-on-the-land and water” programming:**

- 5000 Years on the Loxahatchee: What does the title of this book mean? Lessons trace use of these lands and water from first known inhabitants to modern times.
- Native American history: what tribes called the ONA home? Why do we study them today? Campers use traditional chickee on the site as meeting place and “outdoor classroom”.
- What Native American, African American and White settlers shaped the growth of the surrounding area?
- When was the Lighthouse built, by whom and for what purpose?
- Military history: explore ONA’s role in wars and peace. Honor the significance of “flying the five flags” at the Museum.
- Explore the role of the U. S. Coast Guard and its stewardship.
- Learn about the nation’s first hurricane weather station on the ONA and the critical role it once played. Discuss how newer technologies made that role obsolete.

*Note: Working with LRHS and BLM, LMC wishes to name the cabins, residential suites, bunks and gathering areas after lighthouse keepers, Native American tribes, pioneers and other influential leaders through ONA’s history.*

### **Natural**

*“At our Juno Beach campus and Juno Beach Pier which we manage for Palm Beach County, LMC follows and promotes best practices in sustainable living for minimal impact on the surrounding ecosystems,” says Jack E. Lighton, President and CEO, LMC. “Adhering to these practices and principles would apply to the coastal residential youth camp and science center as well.”*

### **LMC would teach and apply best practices in sustainability. Some examples:**

- All programming is designed to reflect “Leave No Trace” principles.
- Rain barrels used at gutters provide non-potable water for rinsing kayaks and snorkel gear; wash tub and drying lines for laundry.
- In support of BLM efforts, campers assist in cultivating dune plants, seagrasses, mangroves and oyster reefs through community partnerships and collaborative research.
- In collaboration and with consent, LMC partner FPL installs solar panels or Solar Trees.
- Reverse osmosis systems are used to irrigate for butterfly gardens and native landscaping.

### **Scientific**

*“I serve on the board because LMC takes science seriously. It is one of most compelling places for understanding sea turtles and coastal environments in the U.S. The scientists on staff are world leaders making significant contributions to their fields,” notes Dr. Jeanette Wyneken, Department of Biological Sciences, FAU. “LMC will be a strong partner for the BLM and a rigorous supporter of the agency’s scientific goals for the preservation of this valuable natural resource. It’s a win-win partnership.”*

### **LMC can foster understanding of anthropogenic and environmental impacts on ONA. Some examples:**

- Coastal shoreline habitat monitoring and living shoreline restoration
- Collaborative research projects
- Gopher tortoise health monitoring assessment
- Sea turtle health assessment in the Loxahatchee River
- Citizen-science engagement through LMC’s marine debris database, in partnership with EarthEcho, Audubon Society, iNaturalist, TURT and ORCA.
- Living shoreline restoration
- Monitoring of oyster and sea grass beds
- Inclusion in LMC Marine Debris Database
- Water-quality monitoring

## **STATEMENT OF PUBLIC BENEFIT**

*“My daughter interned at the Lighthouse while in high school. What she learned will stay with her forever. The public benefits when our young citizens understand our history. It benefits when children learn to love our land and sea, know how to preserve them, and can appreciate and defend the principles upon which the ONA was created,” notes Dr. Thomas Kodadek, Scripps Research and LMC Board member. “Informed leadership accelerates those public benefits. The Center for Visiting Scientists will gather leaders who can advance the ONA’s values.”*

**The key public benefit for Coastal Camp:** by providing programming that highlights the ONA’s scenic, cultural, historical, scientific, recreational, and educational assets, campers will develop a lifelong appreciation for our ocean and coastal ecosystems. They will value the ONA’s culture and history. We foresee that they will also develop the sensibility and science literacy to support nation’s public waters and lands and make good decisions when they use them. We trust that the experience will instill in them the confidence to lead peers to do the same.

We believe, too, that it will develop leaders. Just as Space Camp in Houston has inspired space researchers, technologists and astronauts, this new camp will inspire aspiring anthropologists, naturalists, oceanographers and historians across diverse cultures.

The experience may well pique curiosity that propels a child on a path to become the next Eddie Widder, Bob Ballard, Sylvia Earle, or Guy Harvey—creating a new generation of researchers, explorers and inventors who will help care for planet Earth.

**The key public benefit for the Center for Visiting Scientists:** South Florida’s coastal ecosystem is unique. Many scientists across disciplines are working hard to learn more about how to protect, preserve and understand it. The Center, a field station for collaborative research and collegial consultation, will facilitate that work and erase barriers to finding short-term lodging for visiting scientists.

South Florida’s challenges—habitat loss, droughts, sea-level rise, coastal flooding, hurricanes that grow in number and intensity—are writ large in headlines every day. Our goal is to create a place that welcomes some of the world’s best scientists who, undaunted by the headlines, wish to work with other problem-solvers to meet those challenges head on.

We also envision that some of those Coastal Campers will one day come back to the Center as Visiting Scientists to further their work.



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## PARTNERSHIP

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### **PARTNERSHIP, COORDINATION, AND ENGAGEMENT**

It is in Loggerhead Marinelife Center's DNA to work with partners across disciplines to improve the health of our coastal resources. We have a track record of encouraging many forms of community-based conservation—ranging from our beach clean ups and Index Nesting Beach sea turtle monitoring surveys to our shoreline restoration activities with PBC ERM.

We value and practice consultation, cooperation, and communication with our partners large and small. We will bring this track record to opportunities at the ONA with the BLM and LRHS.

#### **Here are just a few examples of our current partnerships. LMC:**

- works with PBC ERM to protect conduct coastline restoration.
- is contracted by ERM and other partners to do beach monitoring and research.
- manages the Juno Beach Pier for the County of Palm Beach.
- manages Manatee Lagoon, an FPL Eco-Discovery Center in West Palm Beach.
- works with FPL on initiatives from turtle rescue to hosting Power to Care Day for employees.
- partners with SDPBC on initiatives ranging from curriculum to professional development.
- partners with PBSC, FAU, and Harbor Branch on education and research initiatives.
- partners with Scripps Institute labs on sea turtle health research projects.
- works with youth-serving organizations from Girls and Boy Scouts, The Lord's Place, Place of Hope, Els Center and ARC of Palm Beach County to provide equitable educational programming.
- hosts "beach clean ups" and "Turtle Patient Naming" relationships with corporations ranging from Lilly Pulitzer to the Singer Island Marriott.

In creating **Coastal Camp** and **Center for Visiting Scientists**, we envision working with current and new partners to give young people an unparalleled camp experience, provide visiting scientists with a unique field station to accomplish their important work, and improve the health and productivity of the ONA in support of the BLM mission.

#### **Below, examples of existing partnerships to expand and new ones to forge:**

- Florida Fish & Wildlife Conservation Commission (FWC) offers use of kayaks and other outdoor equipment through Florida Youth Conservation Camp Network (FYCCN) Loaner Program.
- School District of Palm Beach County (SDPBC) would engage middle and high-school educators/students in specialized academies in Hands on the Land and other BLM-related activities; expand SDPBC STEM professional development with workshops at the Center for Visiting Scientists; add hands-on marine-science research expertise to JERFSA activities at the ONA; and provide research internship opportunities for interested high-school students.
- PBC Environmental Resources Management (ERM) could collaborate on habitat restoration and enhancement projects surrounding the cabins; create coastal educational signage, similar to that LMC designed in Juno Dunes Natural Area.

- BLM: LMC scientists (staff and board members) could help design critical restoration, monitoring and other research projects needed within and surrounding the ONA.
- American Camp Association (ACA recognizes ONA as an important resource to conduct community-based conservation and citizen-centered stewardship programming with LMC.
- American Conservation Experience (ACE) interns have opportunities to support environmental education within our Coastal Camp and work with researchers at the Center to broaden their internship experience.
- LRHA/Jupiter Inlet Lighthouse and Museum can integrate the ONA's historic and cultural values into camp programming; LMC could expand its successful Responsible Angling program at the ONA and complement LRHS's Veteran's Fishing Program with volunteers.
- LMC can engage with Town of Jupiter, Village of Tequesta and Town of Jupiter Inlet Colony on preservation activities and conservation messaging for local residents

*"Our nonprofit, public and corporate partners value what we bring to the table," says Lynne Wells, LMC Board Chair and co-founder, LMC Blue Friends Society. "They know they can count on us to pull our weight, to honor our commitment, and when it comes to execution, dot Is and cross Ts. We work smart and hard and aren't afraid to innovate with our partners."*

*Please see Letters of Partner Support attached hereto as Exhibit "G."*

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## **A PERSONAL STATEMENT FROM THOSE OF US WHO REPRESENT LMC IN THIS APPLICATION**

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We are LMC staff members, board members and volunteers.

We consider Jupiter Inlet ONA unique on the planet.

We are frequent visitors to the Lighthouse, Museum and ONA's trails, often with guests in tow.

We are proud supporters.

We applaud BLM's muscular leadership in preserving the ONA.

We admire LRHS's excellent stewardship and public outreach at the Lighthouse and Museum.

We are committed to adding LMC's best assets to those of the BLM, LRHS and other ONA and community partners to create LMC's **Coastal Camp**—an extraordinary new outdoor, overnight experience for young people.

We look forward to welcoming historians, scientists and researchers to the **Center for Visiting Scientists**—a field station like no other.

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**PLEASE FIND LIST OF ATTACHED EXHIBITS ON PAGE 15**

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## EXHIBITS

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### THESE SEVEN EXHIBITS ATTACHED ARE REFERENCED IN THESE SECTIONS

#### **PROPOSED USE**

Page 3 — Please see proposed *Cabin Floor Plan and Bunk Layout* attached hereto as Exhibit “A”.

Page 5 — Please see proposed *Floor Plan for Scientists’ Center* attached hereto as Exhibit “B.”

#### **PAST ACCOMPLISHMENTS RELATIVE TO PROPOSED USE**

Page 6 — Please see *LMC’s Decade of Impact Report* attached hereto as Exhibit “C.”

Page 6 — Please see *LMC’s Corporate Partnerships Report* attached hereto as Exhibit “D.”

#### **ELIGIBILITY**

Page 7 — Please see *LMC Board List* attached hereto as Exhibit “E.”

#### **SUPPORT AND ENHANCEMENT OF ONA VALUES**

Page 8 — Please see *ERM Partnership Letter* attached hereto as Exhibit “F.”

#### **PARTNERSHIP, COORDINATION, AND ENGAGEMENT**

Page 13 — Please see *Letters of Partner Support* attached hereto as Exhibit “G.”







Jupiter Inlet Lighthouse  
Outstanding Natural Area



# JUPITER INLET LIGHTHOUSE

## COAST GUARD WAY

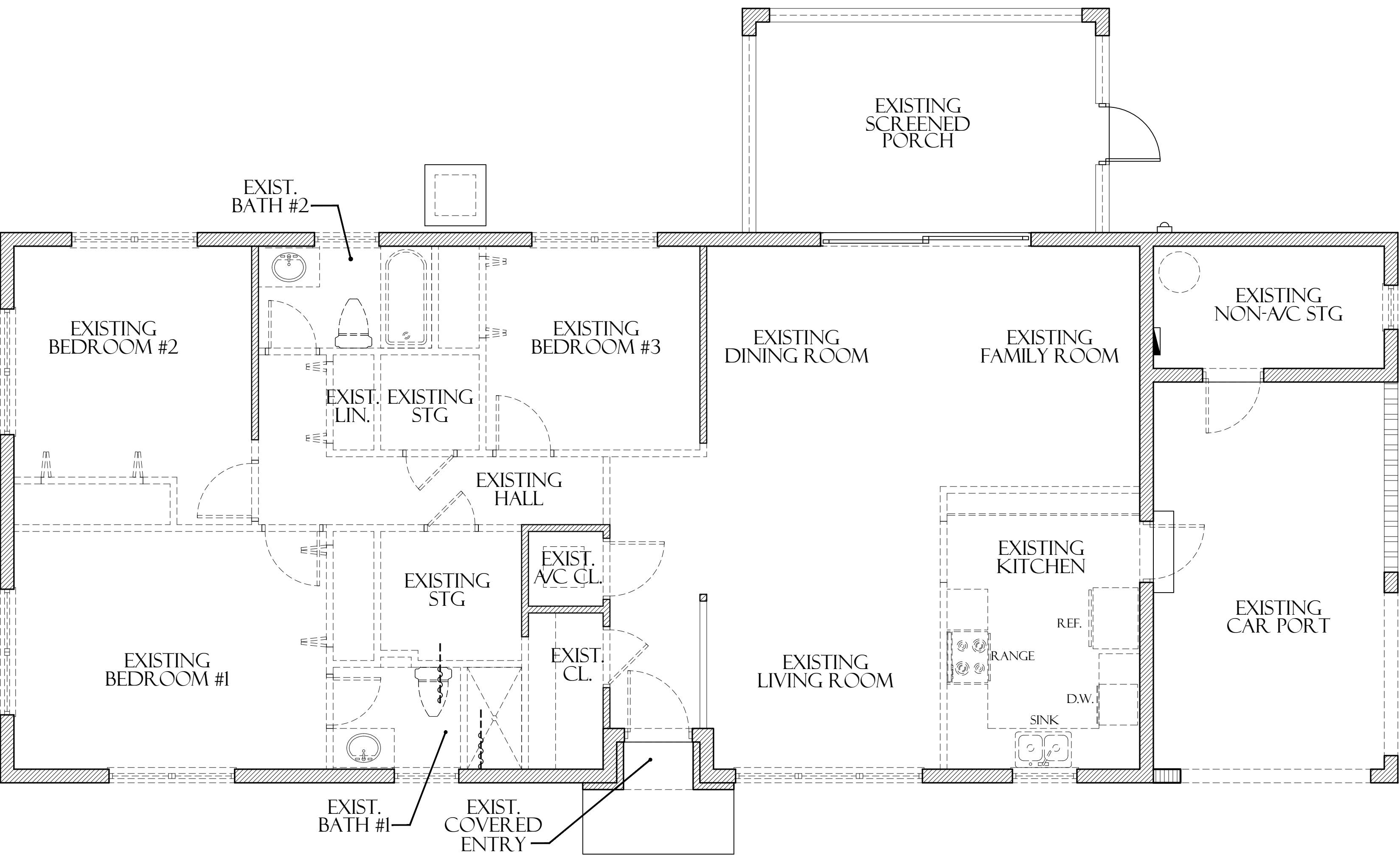
MAY 6, 2020



YRA  
DESIGN  
INC.

ARCHITECTURE • PLANNING • INTERIORS

AA-0002536  
5707 SOUTH DIXIE HIGHWAY, SUITE 8  
WEST PALM BEACH, FL. 33405  
TEL: 561-493-1500 FAX: 561-493-1560  
WEBSITE: www.yrainc.com  
EMAIL: yra@yrainc.com



EXISTING/DEMO FLOOR PLAN

SCALE: 3/16" = 1'-0"

- DEMOLITION INCLUDES BUT IS NOT LIMITED TO:
- A. REMOVAL OF ALL WINDOWS AND FRAMES
  - B. REMOVAL OF ALL DOORS AND FRAMES
  - C. REMOVAL OF ALL ELECTRICAL FIXTURES & WIRING
  - D. REMOVAL OF ALL PLUMBING FIXTURES
  - E. REMOVAL OF EXISTING ASPHALT ROOFING SHINGLES (DOWN TO THE PLYWOOD DECKING), REPLACE ALL DAMAGED DECKING & FASCIA
  - F. REMOVAL OF INTERIOR FINISHES (WALLS, CEILING, FLOORS)
  - G. SAWCUT SLAB FOR NEW PLUMBING (AS REQUIRED).

THE JAMES A. ARMOUR & THE MARY V. TINDALL CABINS





Jupiter Inlet Lighthouse  
Outstanding Natural Area



# JUPITER INLET LIGHTHOUSE

## COAST GUARD WAY

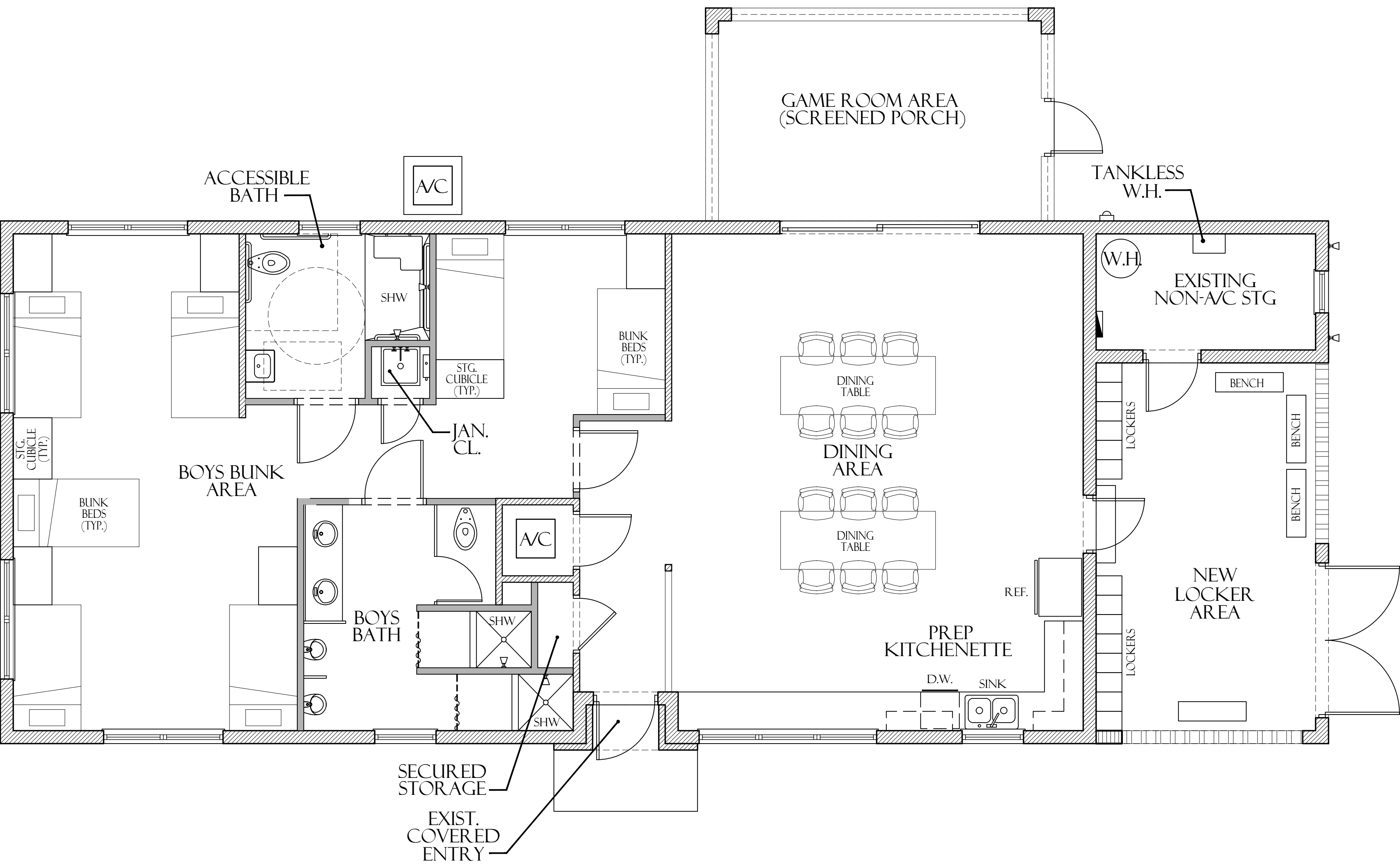
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PROPOSED GROUND FLOOR PLAN

SCALE: 1/4" = 1'-0"

## THE JAMES A. ARMOUR (BOYS) CABIN

### AREA CALCULATIONS

GROUND FLR U/A	1,520 S.F.
COVERED ENTRY	10 S.F.
LOCKER AREA	235 S.F.
SCREENED PORCH	200 S.F.
NON-A/C STORAGE	85 S.F.
OVERALL TOTAL COVERED AREA	2,050 S.F.



# JUPITER INLET LIGHTHOUSE

## COAST GUARD WAY

MAY 6, 2020



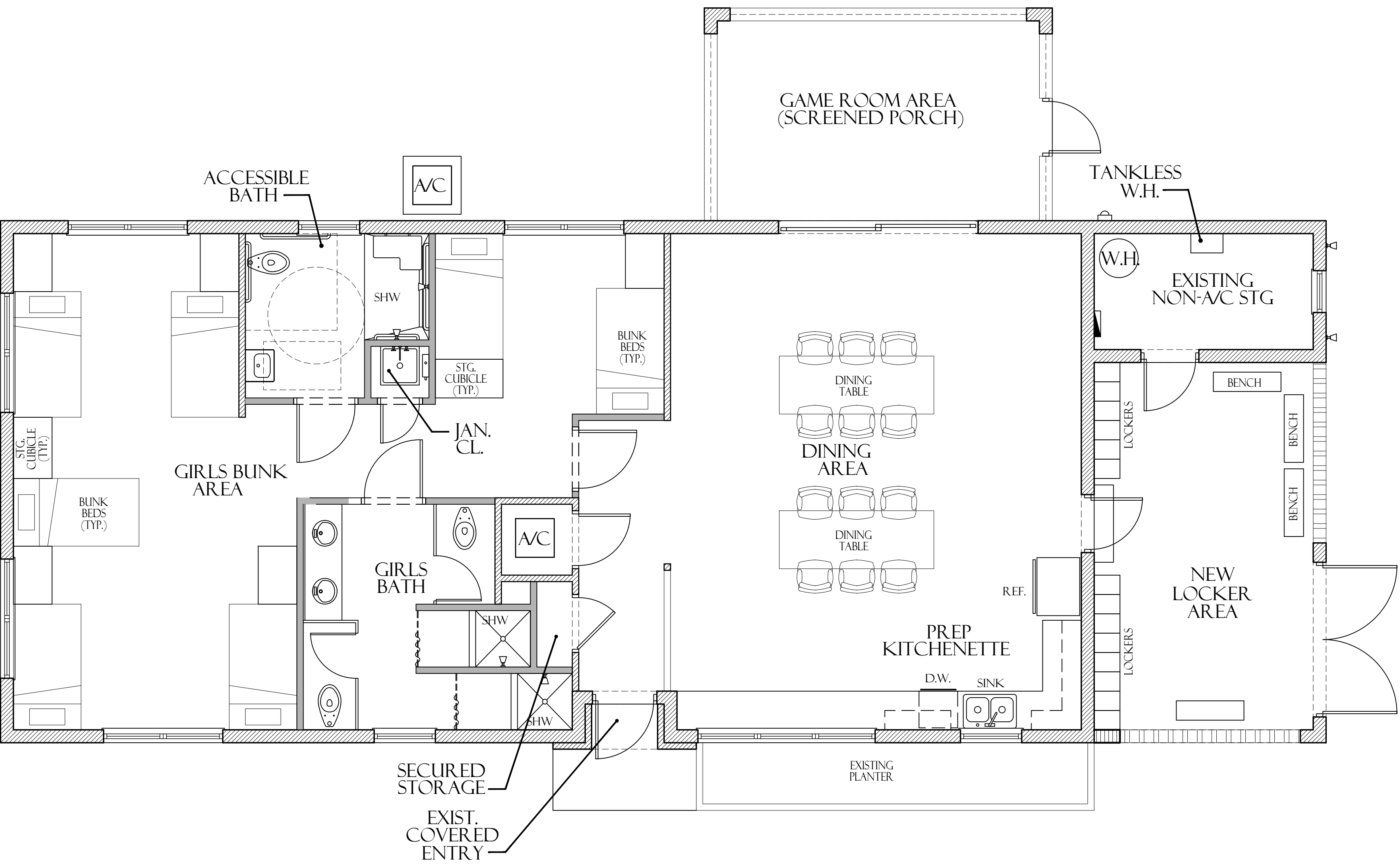
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EMAIL: yra@yrainc.com



PROPOSED GROUND FLOOR PLAN

SCALE: 1/4" = 1'-0"

## THE MARY V. TINDALL (GIRLS) CABIN

### AREA CALCULATIONS

GROUND FLR U/A	1,520 S.F.
COVERED ENTRY	10 S.F.
LOCKER AREA	235 S.F.
SCREENED PORCH	200 S.F.
NON-AC STORAGE	85 S.F.
OVERALL TOTAL COVERED AREA	2,050 S.F.





# JUPITER INLET LIGHTHOUSE

## COAST GUARD WAY

MAY 6, 2020



Jupiter Inlet Lighthouse  
Outstanding Natural Area



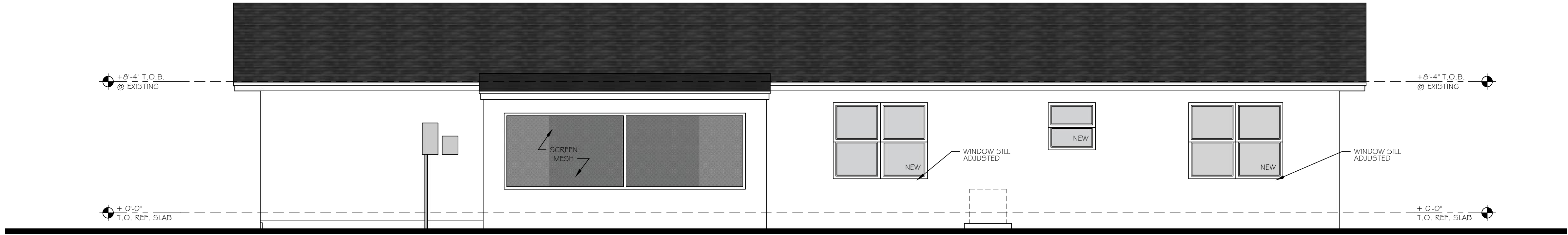
**YRA  
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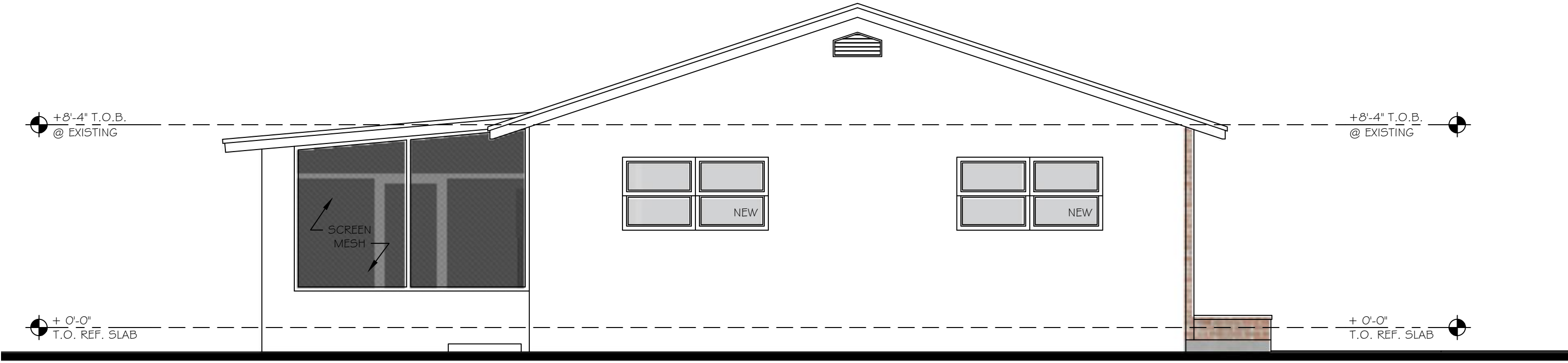
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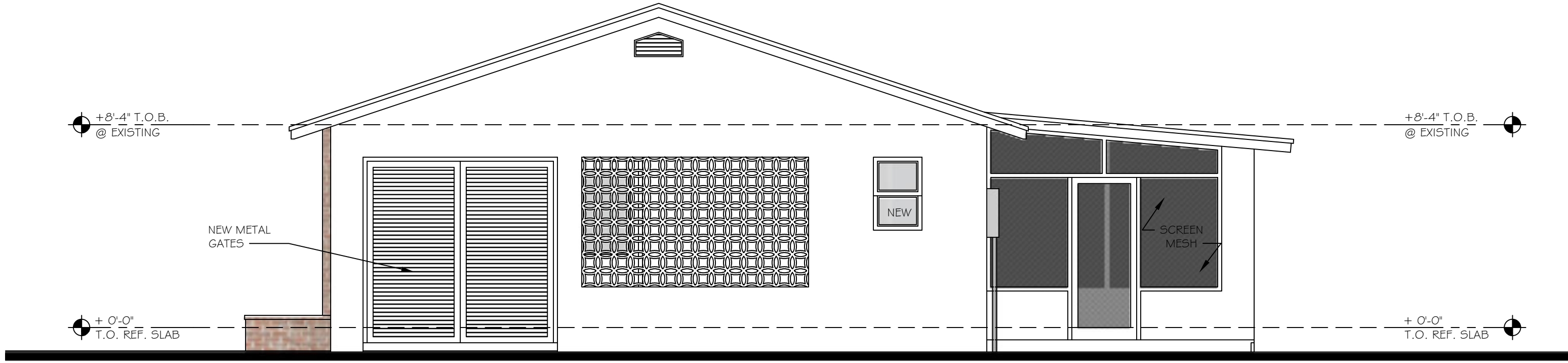
FRONT ELEVATION  
SCALE: 3/16" = 1'-0"



REAR ELEVATION  
SCALE: 3/16" = 1'-0"



LEFT ELEVATION  
SCALE: 3/16" = 1'-0"



RIGHT ELEVATION  
SCALE: 3/16" = 1'-0"

THE JAMES A. ARMOUR & THE MARY V. TINDALL CABINS





Jupiter Inlet Lighthouse  
Outstanding Natural Area



# JUPITER INLET LIGHTHOUSE

## COAST GUARD WAY

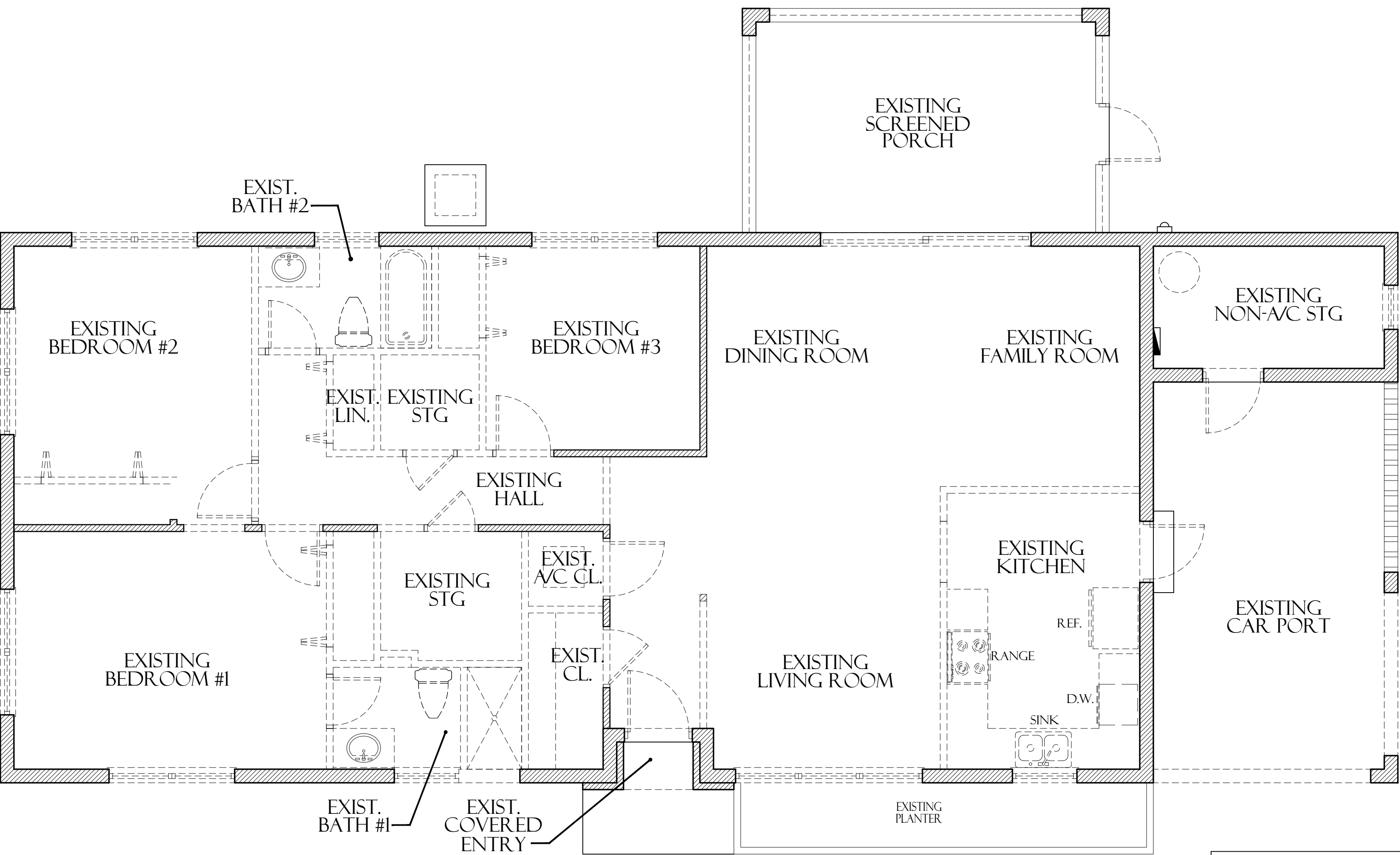
APRIL 17, 2020



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  - F. REMOVAL OF INTERIOR FINISHES (WALLS, CEILING, FLOORS)
  - G. SAWCUT SLAB FOR NEW PLUMBING (AS REQUIRED).

CHARLES SEABROOK CABIN



# JUPITER INLET LIGHTHOUSE

## COAST GUARD WAY

APRIL 17, 2020



Jupiter Inlet Lighthouse  
Outstanding Natural Area

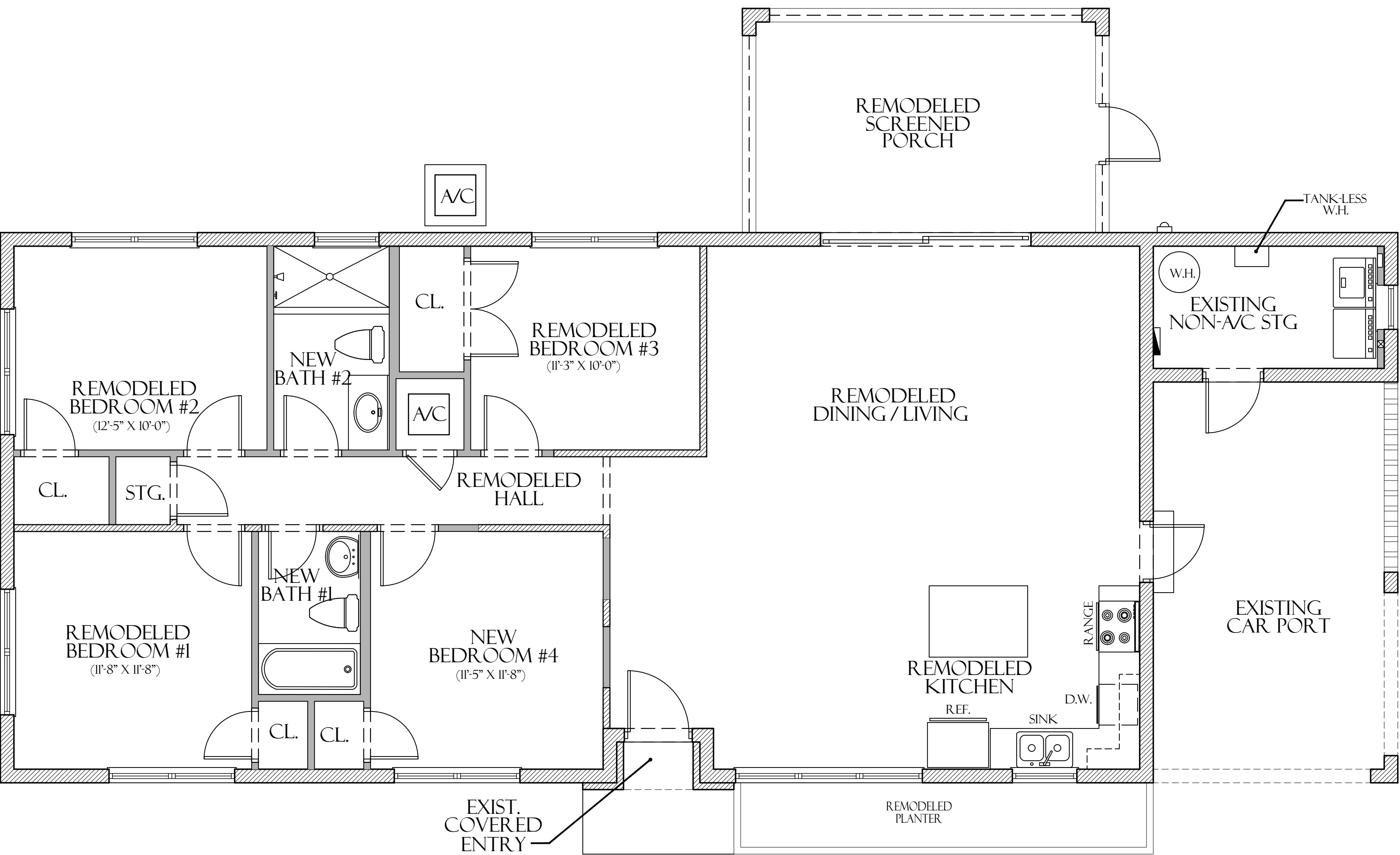




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PROPOSED FLOOR PLAN  
SCALE: 3/16" = 1'-0"

### CHARLES SEABROOK CABIN

#### AREA CALCULATIONS

GROUND FLR U/A	1,520 S.F.
COVERED ENTRY	10 S.F.
CAR PORT	235 S.F.
SCREENED PORCH	200 S.F.
NON-A/C STORAGE	85 S.F.
OVERALL TOTAL COVERED AREA	2,050 S.F.





# JUPITER INLET LIGHTHOUSE

## COAST GUARD WAY

APRIL 17, 2020



Jupiter Inlet Lighthouse  
Outstanding Natural Area





**YRA  
DESIGN  
INC.**

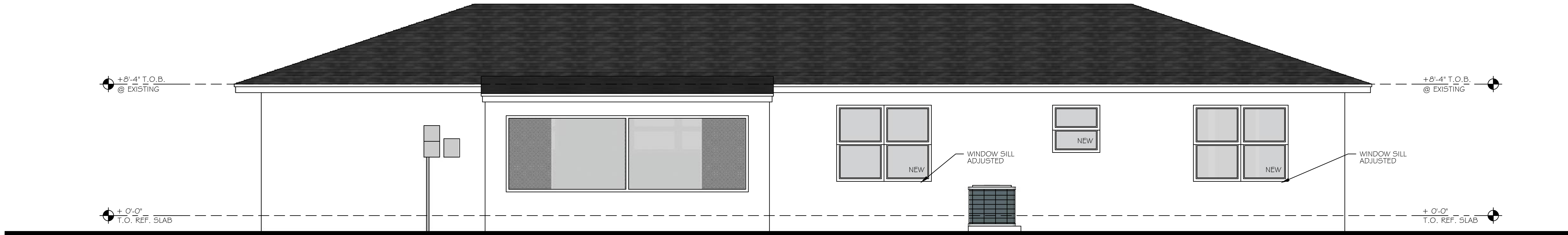
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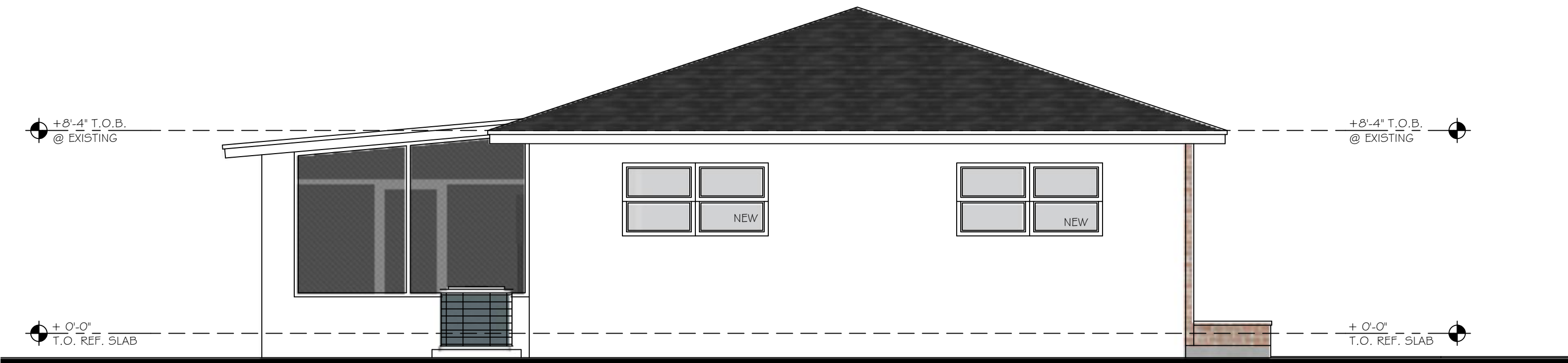
FRONT ELEVATION

SCALE: 3/16" = 1'-0"



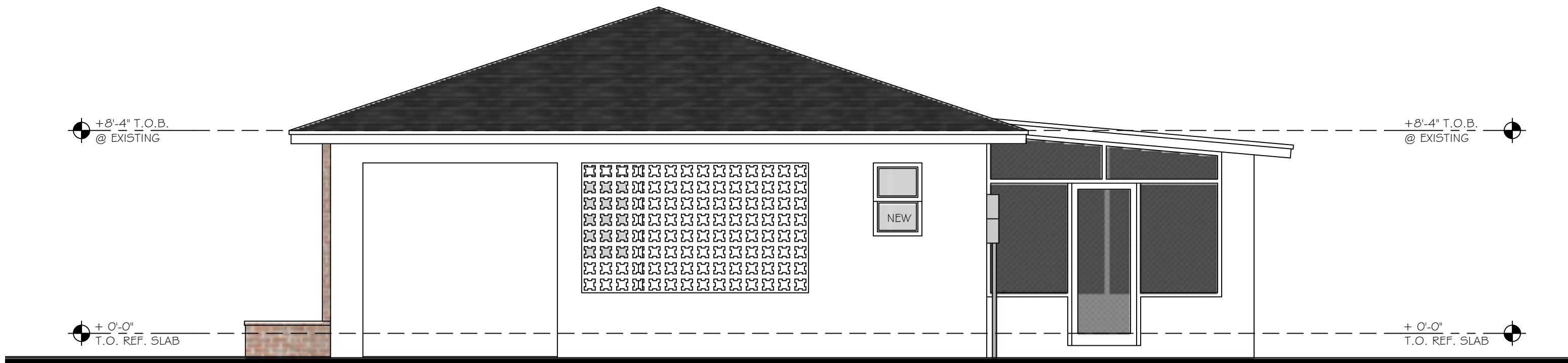
REAR ELEVATION

SCALE: 3/16" = 1'-0"



LEFT ELEVATION

SCALE: 3/16" = 1'-0"



RIGHT ELEVATION

SCALE: 3/16" = 1'-0"

## CHARLES SEABROOK CABIN

# 10 YEARS

## DECADE OF IMPACT

2007 - 2017

Loggerhead Marinelife Center is one of Florida's most unique cultural destinations focused on sea turtle and ocean conservation. Our current facility opened in 2007, and we were delighted to serve 70,000 guests that first year. Fast forward to 2017 - when we welcomed more than 350,000 guests to campus and grew our educational impact to record levels. In the past decade, we have

massively increased programming and efforts in our core departments of education, research and rehabilitation. Additionally, we launched a global conservation network, which is now 76 partners strong.

### 2017 Impact Snapshot:



#### 350,000+ Guests at LMC

**Community impact:** We always offer **free admission** thanks to the support of guests, donors and community partners.

**Did you know?** We have an annual economic impact of over **\$52 million** to Palm Beach County. Sixty percent of 2017 guests live outside the county - significantly increasing LMC's tourism footprint.



#### 50,000+ Students Educated

**Educational impact:** We offered **39 unique STEM-based** public and school programs to students of all ages.

**Did you know?** Our Center served nearly **2,000 students** from Title I (underserved) schools in 2017.



#### 19,085 Nests Recorded

**Research impact:** 2017 was a **record-breaking** nesting season for green sea turtles on the 9.5 miles of beach we survey daily.

**Did you know?** LMC's research team began publishing their research findings this year, further contributing to sea turtle conservation.



#### 65+ Sea Turtles Saved and Hundreds of Hatchlings Rescued

**Rehabilitation impact:** Our sea turtle hospital has gained global notoriety as a teaching hospital, transforming sea turtle treatment successes in Juno Beach and around the planet.

**Did you know?** Our TPN therapy program has increased the rate of successful patient outcomes by a staggering 75 percent. It is now being used around the globe, saving more sea turtles than ever before.



#### 70+ Global Conservation Partners

**Conservation impact:** LMC has 76 conservation partners across six continents, which helps increase our international conservation and education impact. **Did you know?** Our Center records and sorts marine debris to better identify the sources and find ways to reduce this rising threat to our oceans.

### Celebrating 10 Years of Sea Turtle and Ocean Conservation.

#### RESEARCH

- Over **130,000** sea turtle nests monitored

#### EDUCATION

- More than **311,000** program guests served

#### REHABILITATION

- Nearly **1,000** sea turtle patients and over **11,000** hatchlings treated

#### CONSERVATION

- More than **70** global conservation partners



Think Global, Act Local.

Loggerhead Marineline Center,  
a beloved local institution,  
is a world leader in sea turtle  
and ocean conservation.



Become a corporate partner and  
help us make *Waves of Progress*.



Loggerhead Marineline Center (LMC), is a beloved institution with more than 35 years of exceptional conservation and education impact. Each year, 500,000+ guests from across the globe visit the Center's two campuses, making it one of the top-visited attractions in Palm Beach County.

In the last decade, the Center has become a global leader in sea turtle health and ocean conservation.

## Loggerhead Marineline



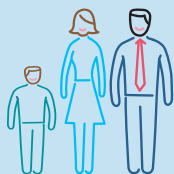
Although we're involved in efforts around the globe, we're most active right here in our backyard, working on the ground in no fewer than 33 separate locations around the state.

**400%  
INCREASE**

IN GUESTS TO  
OUR JUNO BEACH  
CAMPUS SINCE  
OPENING OUR  
DOORS IN  
APRIL 2007.

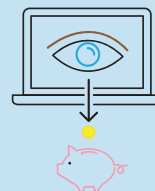
**500,000+**

Annual Guests in 2019.



**2.06 Billion**

Media Impressions in 2019.



**22.3 Million**

Social Media Interactions  
in 2019.

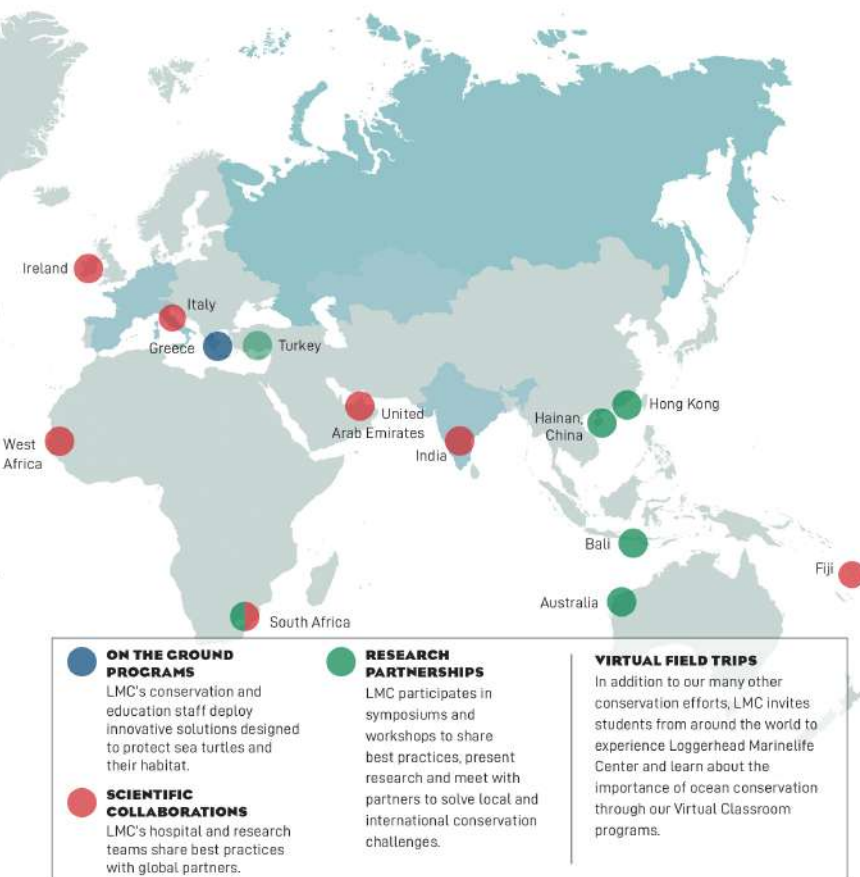


**90+**

Global Partners  
16 Countries - 6 Continents



# Center's Global Conservation Efforts



"Florida Power & Light Company (FPL) has long been committed to operating our business as responsible stewards of the environment. Much of Florida's appeal and economy draw upon Florida's natural beauty and resources.

Through LMC's Waves of Progress campaign, we're proud to once again support the Center with a gift of \$1,000,000 to double the FPL Outdoor Hospital. We are providing Solar Trees for the new campus to add clean energy and show thousands of guests how the technology works.

Please join us in supporting this campaign. Your support will help keep Florida the best state in the nation for our children through responsible stewardship."

**Eric Silagy**  
President and Chief Executive Officer  
Florida Power & Light Company





"PNC recognizes the importance of nature, wildlife and science in the education of young children. Loggerhead Marineline Center pairs perfectly with our early learning program, Grow Up Great, for children from birth to five - by opening their eyes to the wonders of the ocean. We appreciate that Loggerhead admits children for free at the Center, so all kids have a chance to learn about marine science and just have fun!"

**Cressman D. Bronson**  
PNC Regional President,  
Florida East



"Loggerhead Marineline Center is a great family institution that means so much to our community. Many of the children who receive care at Jupiter Medical Center are, no doubt, among the people who visit LMC, which makes us especially proud to partner with them as they continue to expand their campus."

**Steven Seeley**  
Interim Co-Chief  
Executive Officer  
Jupiter Medical Center



"We're proud to underwrite the Marine Debris Sorting Station at LMC so that the community can see how local efforts to clean our beaches can help tackle a global problem."

**Fab Brumley**  
Palm Beach County President  
Bank of America



"The huge success of our members' businesses and the Palm Beach International Boat Show allows us to give back to the community. We're proud to support Loggerhead Marineline Center's expansion. Its new campus will welcome thousands more guests and teach many more kids the basics of ocean conservation and respect for marine life."

**George Gentile**  
MIAPBC President;  
Principal, Gentile, Glas, Holloway,  
O'Mahoney & Associates, Inc.



"Why would Lilly Pulitzer partner with LMC? Easy answer: The Center brings energy, passion and commitment to a cause that our customers (and our employees!) love and respect."

**Michelle Kelly**  
Lilly Pulitzer CEO



"We are proud partners in LMC's expansion because we share their marine life stewardship mission to protect Florida's waterways."

**Bryan C. Redmond**  
President  
Suntex Marinas



Once sea turtles are healthy, they return to their ocean homes. LMC's public releases are joyous occasions that attract cheering crowds.

## Dear Corporate Partner,

Protecting our environment and preserving our planet is critical - we only have one Earth. Sir Richard Branson, Founder of over 400 companies that comprise Virgin Group says, **"There is no Plan(et) B, and businesses must be part of the solution not the problem."**

As President & COO of a large development company, it is my personal responsibility to align with and support organizations that are directly committed to ensuring our communities have generational sustainability. Your investment in Loggerhead Marinelife Center (LMC) will create a powerful impact.

LMC is committed to being a leading authority, locally and internationally, in ocean conservation via sea turtle research, rehabilitation and educational programs. Annually, the Center's two campuses greet nearly 500k+ guests, serve over 74k registered students, and transform the odds for sea turtles globally.

The Center helps corporate partners clean up our world's oceans, better equip children with STEM-related skills, and works to ensure the next generation is able to enjoy our natural world and marine life, as we enjoy it today.

*"Sea turtles tell us the health of the ocean. The ocean tells us the health of the planet."*

In April of 2019, LMC broke ground on a capital expansion that will increase the Center's impact globally.

It would be my honor to share with you one of Florida's most unique educational and cultural destinations on a private behind-the-scenes tour. Will you please join us?

**Ray Graziotto**  
**President & COO**  
**Seven Kings Holdings**

**LMC Board Member  
and Past Board Chair**



**For more information  
and to set up a behind-  
the-scenes tour,  
please contact:**

**Jack E. Lighton**  
**LMC President & CEO**

**561.627.8280 x100**  
**[jlighton@marinelife.org](mailto:jlighton@marinelife.org)**



## Companies that partner with Loggerhead Marinelife Center can participate in many different ways:

### EDUCATION



**Support STEM education** by providing field trip transportation and LMC Camp scholarships for the County's Title I school students.

**Expand horizons** for underserved students through LMC's Oceans of Opportunity Initiative.

### RESEARCH



**Take advantage of** community engagement and volunteer opportunities for employees including monthly Beach Cleanups.

**Enjoy the benefits** of LMC's greatly expanded campus and programming.

### REHABILITATION



**Participate as partners** in unique, high-visibility signature events, such as TurtleFest, Go Blue Awards Luncheon, Run 4 The Sea, Loggerhead Invitational Golf Tournament and Lilly Pulitzer's Beach Bash Palm Beach.

### CONSERVATION



**Provide employees** with unique Eco-programming experiences, such as Turtle Walks, Naturalist Kayak Tours and Hatching Releases.

**Enjoy long-term branding** as contributors to LMC's campus expansion.

### SOME OF OUR CORPORATE PARTNERS



Marinelife.org





# A Robust & Growing Ecosystem

## Constituent Database

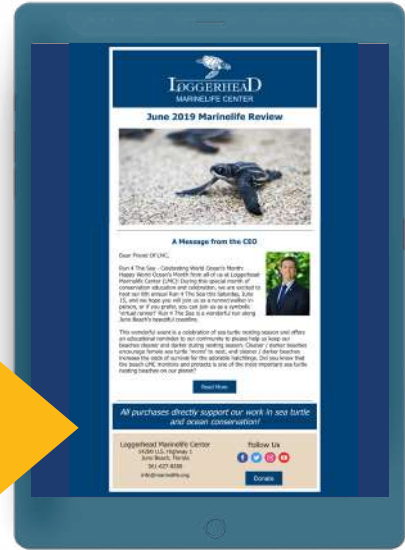
**BUILDING A ROBUST EMAIL AUDIENCE**

**49.6K  
Subscribers**

receive LMC's monthly  
Enewsletter, a 164%  
increase from  
18.8K in 2016.

Visitor sign-in iPad kiosk  
that captures emails  
and zip codes.

Monthly Enewsletter  
received by nearly  
**50,000** opt-in  
subscribers.



## Media Coverage

In 2019, LMC's media outreach garnered over **2.06 billion** impressions, including local, statewide, national, and international coverage. This is a **33%** increase from 2018.

**The Washington Post**



**The Boston Globe**



**The Palm Beach Post**  
REAL NEWS STARTS HERE




See Back  
For Digital



# Social & Digital Growth

FACEBOOK, INSTAGRAM, TWITTER, YOUTUBE, WEB

     
**92,620 - 55,821 - 4,630 - 218**

 marinelife.org = 2.19 million  
page views


**11.4  
MILLION**

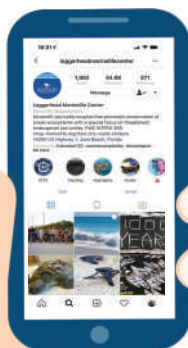
users reached in 2018  
across all platforms.  
A 41% increase  
from 2017.



**2018**

     
**62,776 - 31,868 - 3,549 - 100**

 marinelife.org = 1.95 million  
page views




**2016**

**2019**

**22.3  
MILLION**

users reached in 2019  
across all platforms.  
A 96% increase  
from 2018.

     
**71,542 - 41,895 - 3,989 - 138**

 marinelife.org = 2.04 million  
page views




**2017**

**8  
MILLION**

users reached in 2017  
across all platforms.  
A 116% increase  
from 2016.

    
**53,373 - 23,895 - 2,623**

 marinelife.org = 1.86 million  
page views



**LOGGERHEAD**  
MARINELIFE CENTER

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## LOGGERHEAD MARINELIFE CENTER BOARD OF DIRECTORS

### ALPHABETICAL – MAY 2020

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**Roger Amidon** is General Manager of Singer Island Beach Resort and Spa and self-described “tourism cheerleader” for Palm Beach and the Florida lifestyle. Amidon has served as Executive Director of the Tourism Development Council of Palm Beach County and provides leadership to a variety of industry and community organizations, including: Chairman of the Palm Beach County Convention and Visitors Bureau; President of the Palm Beach County Hotel & Lodging Association.; President of the Florida Restaurant and Lodging Association (Palm Beach Chapter); and board memberships with Singer Island Civic Association, Riviera Beach Business Council, and Coalitions to Senior Leaders and Interns.

**Bruce A. Beal** is Chairman of Related Beal. He has had extensive involvement in all phases of property development and is the fourth generation of the Beal family to run the company, founded in 1878. Mr. Beal has served as a Trustee of The Boston Museum of Fine Arts; Trustee and Overseer of the Boston Symphony Orchestra, The Harvard Art Museums, The Harvard School of Public Health and several other Boston cultural, educational and medical institutions. Mr. Beal serves as a Trustee of The Marine Biology Laboratory in Woods Hole, Massachusetts. He is a Trustee and an Executive Committee member of Rollins College in Winter Park, Florida. Beal was a lead donor in LMC’s Capital Campaign with a board-match of \$250, 000 that launched the quiet phase.

**Thomas Bean** is Director of Public and Community Engagement at Florida Power & Light Company and Manager of NextEra Energy Foundation since 2012. Prior to joining FPL in 2009, he worked in Washington D.C. including as chief of staff for U.S. Representative Mario Diaz-Balart of Miami. He is on the board of directors for several organizations, including Chair, Children’s Services Council of Palm Beach County; Vice President, Leadership Palm Beach County; board member, Breakthrough Miami, Executive Committee Board Member, Central Palm Beach County Chamber of Commerce; Habitat for Humanity of Palm Beach County, Annual Gala Host Committee. Bean sits on LMC’s Development Committee.

**George Bovenizer**, business leader and philanthropist, retired in 2000 from Meadow Lane, Inc., a packaged liquor and wine shop that he and a partner bought in 1989. He is a major donor to his alma mater, Lehigh University, and a strong supporter of the University’s undergraduates through the Lynn S. and George W. Bovenizer III ’63 Family Scholarship Fund. Bovenizer has served on Lehigh’s Leadership Council. Bovenizer is a trustee of Jupiter Medical Center Foundation. He and his wife Lynn’s were honored by the Foundation as Grand Founders for their leadership.

**Monique Brechter**, LMC Vice Chair, is a former utility and energy project development director, specializing in environmental analysis and permitting at the federal, state and local levels. She has been the development lead or environmental lead for over 15 transmission lines, undersea cables, renewable and fossil-fuel energy projects. She has over 30 years of experience in regulatory affairs, community relations and project management. Brechter is a member of the Executive Committee and chairs the Conservation Committee.



**Jodie Gless Eldridge**, a wildlife biologist, is Manager, Environmental Services, NextEra Energy Wildlife for NextEra Energy Resources. She brings industry leadership to environmental protection and stewardship, including wildlife and habitat protection. She assesses potential impacts that existing and future operations may have on wildlife and their habitat. Jodie's team is responsible for providing wildlife support for the development, construction and operation of all of their facilities throughout the US and Canada. She helps establish and carry out environmental policies and programs both at corporate and local levels to avoid and minimize these impacts and to address any remaining impacts through appropriate mitigation measures. Eldridge is Chair of LMC's Research and Rehabilitation Committee.

**Raymond E. Graziotto** is a partner, president and chief operating officer of Seven Kings Holdings, a Jupiter-based development company. He has over 25 years of national and statewide experience in real estate acquisition, development, and property portfolio management. Graziotto provides strategic investment, acquisition, and development expertise with regard to the company's key portfolio properties, including marinas, multifamily, single family, office, and other commercial properties. Graziotto served two terms as LMC Board Chair, led the 2005-2007 campaign to create the current LMC campus, and as Chair of the Building and Exhibits committee, is leading the construction of the current Campus expansion. Graziotto has served as Board Chair of The Benjamin School.

**Roe Green** is a philanthropist and arts advocate whose generosity has had a profound impact on the arts, culture, and other causes she champions in Ohio and Florida. She has given generously to a range of institutions — from Case Western Reserve University, where she endowed a law library in her father's name, The Maltz Performing Arts Center, to Green House, a women's shelter and counseling center in Chardon, Ohio. Green was a lead donor in LMC's Capital Campaign with a matching grant of \$250, 000 that kicked off the public phase. She likes to share her philosophy in life: "I have five oranges, I eat one, save one and give the other three away. Every time I give, it comes back tenfold."

**Carrie Hanna** is Chief Strategy Officer, Gunster. She works with the law firm's leadership to guide strategic direction throughout the company's 13 statewide offices. She advises the firm on brand identity, ensuring a strong market position throughout the state and within the various industries that make up Florida's vibrant economy. Carrie oversees a marketing department that provides expertise in communications, advertising, branding, community relations, digital content marketing, event planning, and CRM. She is actively involved in her community and has served leadership roles over the years, including as board member of the Stand-Up Foundation and chairing the American Heart Association's Circle of Red. Hanna is a member of LMC's Development Committee.

**Katherine Horgen**, Ph.D, is a clinical psychologist, researcher and health writer focusing on public health approaches to obesity, food advertising and its impact on obesity, eating disorders, and public policy relating to diet. She is co-author of *Food Fight: The Inside Story of the Food Industry, America's Obesity Crisis, and What We Can Do About It* (Kelly D. Brownell and Katherine Battle Horgen) McGraw-Hill (2003) and numerous articles published in academic journals and edited volumes. Horgen is a member of LMC's Education Committee.

**Thomas Kodadek**, Ph.D is Professor of Chemistry, Scripps Research, and Co-Founder of Deluge Biotechnologies. Kodadek's laboratory works in the general area of chemical biology with an emphasis on translational research. Several projects focus on novel methods to monitor and manipulate the immune system. One goal of these efforts is to discover effective and early diagnostic tests for a variety of disease states, including cancers, autoimmune diseases and neurodegenerative conditions. Diseases that are under investigation include Alzheimer's disease, Neuromyelitis Optica, Multiple Sclerosis, Pancreatic Cancer, Narcolepsy, Chronic Lymphoid Leukemia and various other cancers. Kodadek sits on LMC's Research and Rehabilitation Committee.

**Kim Koger**, MD, is a Board-Certified Plastic Surgeon practicing in Jupiter. Trained in both general surgery and plastic surgery, Dr. Koger completed a hand surgery fellowship at Kleinert Institute of Hand and Microsurgery in Louisville, KY. Koger is an active member of the American Society of Plastic Surgeons and of the Palm Beach County Society of Plastic and Reconstructive Surgeons. He is a staff member in the Department of Surgery, Division of Plastic Surgery at Jupiter Medical Center and Palm Beach Gardens Medical Center, as well as Jupiter Outpatient Surgery Center. Koger sits in LMC's Research and Rehabilitation Committee.

**Leanna Landsmann**, a nationally recognized writer and editor, spent 40 years in children's magazine and book publishing in New York City. She was founding president of *TIME Magazine For Kids*. She has served on Presidential Commissions concerning education and youth policy. She launched "Principal for a Day" in New York City's 1100 public schools and co-founded PENCIL (Public Education Needs Civic Involvement in Learning). She was four-term Board Chair of GreatSchools and served on the boards of Girls Clubs of America (Girls, Inc.); U.S. Fund for UNICEF; Jupiter Inlet Lighthouse and Museum and Canandaigua Lake Watershed Alliance. She served as co-chair of the Scripps Florida Council and is a member of the Wilkes Honors College Advisory Council. She is a founding board member of Sustainable PBC. She serves on LMC's Executive, Education, Governance, and Development Committees.

**Bartley F. Livolsi**, a veteran of 46 years on Wall Street as an investment banker, retired at the end of 2019. During his 36 years at Citi Global Markets Inc, he held numerous positions including Managing Director in charge of US Regional Banking, Product Group Banking and ultimately Head of Infrastructure Public-Private Partnership Finance. He is past board member of the Columbus Citizens Foundation, New York Municipal Forum, Florida Water Management Institute and Cardinal Hayes High School. He a trustee of Iona College where he is a member of the Executive Committee and is Chairman of the Finance Committee. Livolsi serves as LMC's Secretary and is a member of the Executive and Development Committees.

**Ed Lunsford** is founding partner, Eavenson, Fraser and Lunsford, a Palm Beach County law firm. Having served businesses and individuals in both private practice and as in-house counsel, Lunsford has been both the lawyer and the client for many years. Lunsford has broad experience in corporate finance, mergers and acquisitions, corporate governance, international business, real estate, employment, intellectual property, entertainment, healthcare, education and business litigation. Lunsford, born in Hawaii, is an avid surfer with a love of the ocean. He has been an active supporter of Surfrider Foundation, Surfers for Autism, Wounded Warriors SCUBA, the Buoniconti Fund to Cure Paralysis, and other charitable organizations. Lunsford chairs LMC's Governance Committee and is a member of the Executive Committee.

**Karen Marcus** is founder and president, Sustainable Palm Beach County. She served as Palm Beach County Commissioner from 1984 to 2012. During her tenure, she gained a reputation as a strong force for sustainable practices to ensure the county's long-term success. Thanks to Marcus's efforts, northern Palm Beach County residents, businesses, and visitors enjoy both a robust economy and a rich range of parks, green spaces, recreational areas and other quality-of-life assets. In 2012, the PBC Commissioners voted to name 154 county-owned acres east of Route 1 in Jupiter the Karen Marcus Ocean Park Preserve. Marcus has served as President, Florida Association of County Commissioners and President, Florida Regional Planning Council Association. Marcus currently serves on the Boards of Jupiter Maltz Theater, Abacoa POA, Friends of MacArthur Park, the Everglades Law Center, and Roger Dean Stadium Advisory Board. She serves on LMC's Development Committee.

**James Mullen** began his career with a Big Eight firm in West Palm Beach in 1982. He joined Caler, Donten, Levine, Cohen, Porter & Veil, P.A. in 1990 and became a Shareholder in 1994. Jim has more than 35 years of public accounting experience in the area of partnership, corporate, individual, and trust taxation. He also has extensive experience in state and local taxation. Industries he serves include construction, healthcare, law firms, life sciences and biotech, manufacturing and distribution, privately-owned businesses, real estate and hospitality. He is a member of the American Institute of Certified Public Accountant and Florida Institute of Certified Public Accountants. He serves as LMC Treasurer and is a member of the Executive and Finance Committees.

**James A. Reiffel, MD, FACC, FAHA, FHRS, FACP**, is Professor Emeritus of Medicine at Columbia University. He is a cardiologist who, despite his retirement as a full-time faculty member, remains actively involved in medical teaching, research, and publishing. Prior to retiring, Dr. Reiffel also had a consultative clinical practice for more than 40 years. Dr. Reiffel has over 500 publications related to cardiac dysrhythmias; has been an invited lecturer at many hundreds of programs and institutions worldwide; and is still an active investigator re: the optimum management of patients with atrial fibrillation and flutter and the development of new antiarrhythmic and anticoagulant pharmaceuticals. Dr. Reiffel lives in Jupiter Florida.

**Crista Ryan** joined the Tina Fanjul real-estate firm in 1987 after spending a number of years working in commercial real estate in Miami and Ft. Lauderdale. She is an integral part of the Palm Beach residential real estate market. Ryan is the firm's top producer in sales and rentals, and currently manages the firm, its employees and associates in addition to overseeing the firm's marketing program. Fluent in Spanish, Ryan has grown her real estate business to include listings in the Bahamas, Casa de Campo in the Dominican Republic, and other parts of the Caribbean.

**Mary Jane Saunders, Ph.D.**, is a Full Professor of Biological Sciences at Florida Atlantic University (FAU). She served as the President of FAU (a public research university serving over 30,000 students, 5,000 employees with an annual budget of \$600 million) from 2010 to 2013 before returning to the faculty. . She has a background in scientific research and administration, specializing in microscopy and cell biology. Before coming to south Florida, she was Provost, Founding Dean of the College of Science, and Professor at Cleveland State University. Prior to that, she was director of the University of South Florida's Institute of Biomolecular Science and has worked at the National Science Foundation in Biological Infrastructure. Dr. Saunders chairs LMC's Education Committee. She serves as a mentor to minority students who are pursuing STEM careers.

**Tami Shull** is a retired retail executive in the Do-It-Yourself (DIY) and Tire and Service Automotive Aftermarket. Her considerable expertise is in omnichannel merchandising, marketing, domestic and global sourcing, product development, licensed and proprietary brand building. She began her career with AutoShack which later became AutoZone, the DIY industry-market leader. Shull continued her career with Pep Boys, the nation's oldest service and tire provider.

**Beau Standish**, CFA is a Vice President in Private Wealth Management at Goldman Sachs, where he advises and manages investments for entrepreneurs and their families, foundations, and private businesses. Previously he worked in the institutional investment industry in New York and held various roles in portfolio management for public and corporate pensions, research, and derivative trading. Standish serves on LMC's Finance Committee and is active in various community organizations.

**Meredith Trim**, lawyer and philanthropist, is president and sole director of Ventus Charitable Foundation. Trim is on the board of the Education Foundation of Palm Beach County. In 2015 she created and Ventus Charitable provided the initial funding for Red Apple Supplies, a free resource store for educators teaching in high-needs public schools. Currently, Red Apple Supplies serves teachers from 53 public schools benefitting over 26,000 school children. Trim received her JD in 1988 from Harvard Law School, *magna cum laude*. She practiced law in Virginia, Washington DC, Connecticut, and Ohio before moving to Florida in 2002.

**Brian K. Waxman** is a founding partner and Managing Director of AW Property Co. He leads AW's strategic direction and oversees its operating divisions. Waxman has broad experience in real estate acquisitions, operations, finance and private equity. He is a transactional attorney and a Certified Commercial Investment Member (CCIM). Prior to the formation of AW, Mr. Waxman served as general counsel and principal of GDC, a Florida-based real estate investment company. Waxman served as LMC's Board Chair. He was also Secretary of the Board of The Benjamin School. He is an active member of the Urban Land Institute and the Pension Real Estate Association.

**Lynne Wells**, LMC Board Chair, has spent decades investing in the betterment of the communities in which her family lives and works. She became a volunteer with Loggerhead Marinelife Center and founded LMC's Blue Friends Society, a conservation-networking group of over 800 members who support LMC's mission. She created the Go Blue Awards and serves as Chair of this global ocean conservation event. Wells has been instrumental in helping LMC become a world-class sea-turtle hospital and ocean-conservation hub. She is a Junior League of the Palm Beaches Sustainer and has extensive board experience in private education.

**Robert Weisman** is a Professional Civil Engineer who served twenty-five successful years as Palm Beach County administrator. At his retirement in 2015, Commissioners named the County administration building after him. During his tenure, he oversaw a \$4 billion annual budget and 6000 employees in multiple departments providing the full range of public services. Among Weisman's many accomplishments were management of the construction of the County's Convention Center and an award-winning wastewater treatment plant in suburban Boynton Beach that allowed development of the Green Cay Nature Center and Wetlands. He is Vice Chairman, Board of Trustees of South Florida Fair and has represented the County on Seacoast Utility Authority for 30 years including as Chairman.

**Diana Wilkin** is a media consultant with over 25 years of experience in senior corporate positions with CBS and FOX networks. She was General Manager for six network-affiliated broadcast stations, primarily for Clear Channel TV. She currently consults for investment firms, broadcasters and advertising agencies, as well as early-stage media-focused tech companies. She holds board positions with the Broadcasters Foundation of America and Chicken Soup for the Soul Entertainment, a publicly-traded streaming content and production company. Wilkin is a member of LMC's Development Committee.

**Jeanette Wyneken, Ph.D** is Professor of Biological Sciences at FAU and Director, FAU Marine Lab at Gumbo Limbo Environmental Complex. She has studied sea turtles for over 30 years and is a world leader in sea turtle, development, anatomy, behavior and health. Dr. Wyneken is author of multiple publications and a sought-after speaker at local, national, and international forums. Her broad-based training enables her to research a range of questions — from how do weather and climate affect sea turtle eggs and rookeries to what are the implications of those affects for sea turtle management techniques? She sits on LMC's Research Committee and is a member of International Sea Turtle Society, Society for Integrative Biology, and Association of Reptilian and Amphibian Veterinarians.



### **Adopt-a-Natural Area Program Permit**

**# 2020-10**

Palm Beach County, Environmental Resources Management (ERM) appreciates your recent request, dated 5/1/2020 to renew your adoption of a Palm Beach County (PBC) Natural Area. The mission of the Adopt-a-Natural Area program is to formalize a partnership in which individuals, businesses, groups and organizations are given the opportunity to get involved with the PBC Natural Areas by performing specific tasks that would benefit or promote the natural areas. The goal of this program is to raise awareness and garner support of the natural areas from members of the community.

By acceptance of this permit, Loggerhead Marinelife Center (the Adopter) agrees to adopt Juno Dunes Natural Area. The terms and conditions of the adoption of this Natural Area are outlined below. The Adopter agrees to comply with all the Natural Area rules and regulations as stated in the PBC Natural Areas Ordinance 94-13, as amended (available at [www.pbcerm.org](http://www.pbcerm.org)). In addition, all representatives of the adopter working under the terms of this permit must sign a Volunteer Agreement Form (attached).

The adopter is hereby granted permission for the following activities:

1. The Adopter agrees to promote awareness about the Natural Area and Natural Areas Program by displaying educational information and/or Natural Area Guide brochures in an area accessible to visitors at the Adopter's facility.
2. The Adopter agrees to organize volunteers for clean-up events for the beach portion of the Natural Area. The Adopter also agrees to organize volunteers to assist with beach dune plantings and/or intracoastal plantings as they occur.
3. The Adopter agrees to incorporate guided hikes on the Natural Area into summer camp programs. In addition to the summer camp programs, the Adopter agrees to provide weekly guided hikes, open to the public, from October-May as weather permits
4. The Adopter agrees to consider including Natural Areas education into future programs as appropriate.
5. The Adopter agrees to work with the Juno Dunes site manager to place additional informational signage along the trails of the Natural Area.

As part of the adoption partnership hereby formed by the issuance of this permit ERM may offer assistance to the Adopter to aid in meeting their objectives by means such as, but not limited to:

- 1) Promotion of the adoption partnership on social media and at the adopted natural areas.
- 2) Providing guided tours on PBC natural areas.
- 3) Assisting with staffing of adopter events.
- 4) Provide guidance for the development of any literature, educational or promotional materials associated with the adoption.
- 5) Provide assistance, as needed, to facilitate the success of the adoption partnership.

It is the responsibility of the Adopter to notify ERM no later than 48 hours before an event is scheduled to take place at the adopted natural area. At the time of notification, the adopter may request assistance from ERM for the scheduled event. This permit is active for a term of 3 years from the date of issuance. This permit may be amended, renewed or terminated upon request by either party with the approval of the other party at any time under the duration of the permit.

ERM thanks you for your support of the PBC Natural Areas and we wish you success in your adoption efforts. We look forward to continuing this partnership now and in the future.



Brenda Hovde, Director  
Natural Resources Stewardship,  
Environmental Resources Management

Attached: Volunteer Agreement Forms (adults and minors)  
Safety Guidelines for Working in the Natural Areas



Florida Fish  
and Wildlife  
Conservation  
Commission

MyFWC.com



12100 Seminole Pratt Whitney Road • West Palm Beach • Florida • 33412  
Phone: 561-624-6929

April 25, 2020

Peter De Witt  
Program Manager  
Jupiter Inlet Lighthouse ONA  
Southeastern States District  
Bureau of Land Management  
600 State Road 707, Unit B  
Jupiter, FL 33469-3516

Dear Mr. De Witt,

It is my pleasure to support Loggerhead Marinelife Center's proposal for the establishment of residential camp accommodations that would allow youth enrolled in grades 6 – 12 to participate in an immersive, coastal science camp experience in Palm Beach County. Residential camp programs serve as a great benefit to youth as a means to immerse them in the topic of study as well as provide them the opportunity to gain "life skills" imperative for the development of well-rounded individuals. Life skills include learning responsibility, respect, teamwork, communication and much more.

Since 1967 the Everglades Youth Conservation Camp, owned and operated by the Florida Fish and Wildlife Conservation Commission (FWC) has provided residential summer camp programs for children in grades 3<sup>rd</sup> through high school. We offer 11 different programs from Sunday to Friday for eight weeks each summer. Our focus is conservation education and outdoor recreation. The camp is part of the Florida Youth Conservation Centers Network (FYCCN). In addition to the camps operated throughout the State under FYCCN, we also partner with other organizations offering services to youth. Our goal is to provide training and equipment such as kayaks, archery supplies, binoculars and more to our partners to assist with quality outdoor education. Since returning to the EYCC in 2014 as the director I have been in several partnership programs or activities with the Loggerhead Marinelife Center and value the quality of their conservation education.

As the Camp Director of the Everglades Youth Conservation camp and Florida State Representative of the American Camp Association Southeastern Local Council of Leaders (LOCL), I understand the need for youth to experience quality residential summer camp programming. We need more of these opportunities for the youth of Palm Beach County.

Sincerely,

*Janice T. Kerber*

Janice Kerber  
Camp Director  
Everglades Youth Conservation Camp  
Florida Youth Conservation Centers Network  
Florida Fish and Wildlife Conservation Commission

Florida State Representative  
American Camp Association  
Southeastern Local Council of Leaders



Peter De Witt  
Program Manager  
Jupiter Inlet Lighthouse ONA  
Southeastern States District  
Bureau of Land Management  
600 State Road 707, Unit B  
Jupiter, FL 33469-3516

April 27, 2020

Dear Mr. De Witt,

I would like to write in strong support of Loggerhead Marinelife Center's application for the JILONA Center for Visiting Scientists.

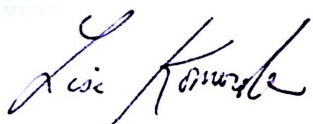
My students and I have collaborated in recent years with LMC on sea turtle related research projects on their monitored beaches. Due to the strong collaborative nature of the Research Department at LMC, these projects have been successful, and have provided critical student training opportunities and will lead to applied scientific publications.

For projects in the past, we have had to find local housing either through short-term rental, hotel stays, or through generous volunteers at LMC. These short-term visits are costly, and the funding used to pay for housing could have instead been used for the research projects, improving their merit. In some cases, we simply do not have the funds to cover these heightened costs, and thus cannot conduct the collaboration. A source of housing available for myself, my students, and/or my collaborators would make our future projects much easier and would alleviate stressors involved in finding lodging during our visits.

I am happy to provide further information as needed. I can be reached at [lkomoroske@umass.edu](mailto:lkomoroske@umass.edu) or 413-545-2491.

Thank you for your consideration.

Sincerely yours,



Lisa M. Komoroske, Ph.D.

[lkomoroske@umass.edu](mailto:lkomoroske@umass.edu)

413-545-2491

Assistant Professor, Dept. of Environmental Conservation  
University of Massachusetts, Amherst



# UPWELL

PROTECTING TURTLES AT SEA

April 28, 2020

Peter De Witt  
Program Manager  
Jupiter Inlet Lighthouse ONA  
Southeastern States District  
Bureau of Land Management  
600 State Road 707, Unit B  
Jupiter, FL 33469-3516

Dear Mr. De Witt

I am writing to express my strong support of Loggerhead Marinelife Center's application for the JILONA Center for Visiting Scientists.

As a wildlife veterinarian, I have had an ongoing scientific collaboration with LMC for ten years focused on leatherback sea turtle health research on their monitored beaches. This valuable partnership with the Research Department at LMC has facilitated several successful projects which have led to the validation of novel research techniques, scientific publications, and presentations to colleagues at scientific conferences.

In past years, we have had to secure local housing either through short-term rentals or hotels in the area. These short-term visits are costly, as this area is a popular tourist destination. If local housing were available for myself and my colleagues, this would allow us to prioritize our limited funds to support the research directly. It would also encourage collaborator and student involvement in the research to maximize learning opportunities.

Please feel free to reach out if you require further information. I can be reached at [heather@upwell.org](mailto:heather@upwell.org) or 415-517-5514.

Thank you for your consideration.

Sincerely,

Heather S. Harris, DVM, MPVM, DACVPM  
Wildlife Veterinarian