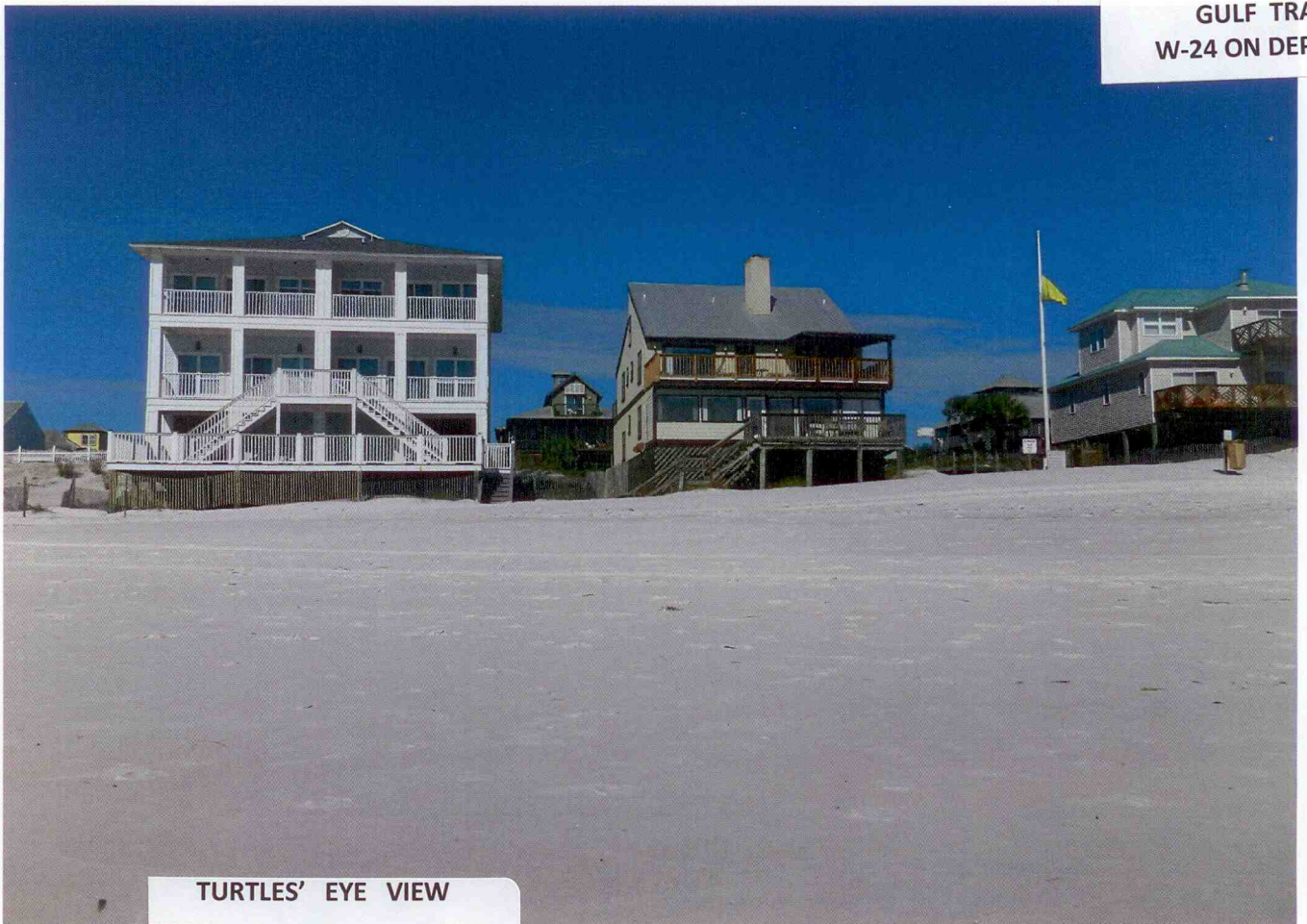




GULF TRACE BEACH

BEACH
RENOURISHMENT
AT
GULF TRACE
W-24 ON DEP'S LIST



TURTLES' EYE VIEW

**INTRODUCTION
AND
BRIEF HISTORY
OF
GULF TRACE**

CLAIM ON DEP LIST W-24

GULF TRACE

GULF TRACE is an upscale community of approximately eighty-one (81) home sites. It is situated off Walton County Road 30A between the road and the Gulf of Mexico. It's quiet and solitude is owed in a large part to the fact it is surrounded on all four sides by Florida State Park and the Gulf of Mexico.

The real estate value of the homes and lots that comprise Gulf Trace is estimated to be in excess of one hundred million dollars (\$100,000,000). Its residents include attorneys, doctors, business executives and retirees.

In order to provide a wildlife friendly environment, the Homeowner's Association concluded last year a large scale effort that included installing Sea Turtle approved lighting on all fixtures facing the beach. Downward directed solar lights replaced all street lights.

To further encourage Sea Turtle nesting, efforts were initiated to build dunes in front of the beachside homes in order to create a nesting environment that is friendly and natural to the sea turtles. All of this labor and expense resulted in Gulf Trace being officially accredited by the Florida Sea Turtle Conservatory as a wildlife friendly location.

Many bird species inhabit Gulf Trace and surrounding Park including: ospreys, eagles, hawks, pelicans and sandpipers along with other wildlife including: Florida panther, wild deer, fox and bears. Many of these precautions taken on behalf of our wildlife were destroyed by BP foot and truck traffic.

(B) The Beach At Gulf Trace

The pride of Gulf Trace and an important element in the real estate valuations and desirability as a rental property is the roughly quarter mile of pristine white sandy beach which is a section of the acclaimed beautiful Grayton Beach.

Recently Gulf Trace has been recognized by the Florida State Sea Turtle Conservatory for its efforts to insure a friendly and safe environment for nesting turtles and their hatched offspring. Masking of lights visible from the beach encourage nesting and eliminate confusion once the baby turtles are hatched. Discordant lights confuse turtles that are dependent on celestial light and its reflection on the water.

The aforementioned is recounted to indicate the value and care bestowed on the beach at Gulf Trace. The beach erosion disaster caused by BP truck traffic (vividly illustrated in the included photographs) has not only shrunk the beach space available to users, impacted beach property values (who wants to purchase or rent a home that has the Gulf lapping at its foundation) and has also severely limited space on the beach away from the water where the turtles can nest.

(C)

The explosion of British Petroleum's "Deep Water Horizon" platform in the Gulf of Mexico on April 20, 2010 had a far-reaching and unfortunately lasting effect on the Emerald Coast of Northwest Florida. The damage done to our beach was done less by the actual three month spillage of oil but more by BP's clean up efforts.

At times we would have ten different people parading up and down our beach and accompanying trucks would ferry the inspectors around, re-locate lavatory facilities, bring personnel luncheon arrangements ... hour after hour day after day For months churning up the sand. As a result of the rutting and loosening of the sand consequent storms with heavy rain and surf eroded wide portions of our beach.

The following photographs show the result of the constant traffic on our beach (almost all of which is connected to trucks in conjunction with BP inspection efforts).

Collateral damage that must be repaired is the re-building of the eighteen (18) low dunes in front of beachside homes and provides fencing and sea oats to protect and build dune structure. The fencing during the non-nesting season will add sand to the dunes.

The months that have elapsed since the damage occurred have failed to bring any relief to the damage caused. It is necessary to replace the sand that has been lost to prevent further erosion and incur more damage to Gulf Trace property.

For all of these reasons we are asking that part of the funds provided by BP to Walton County for restoration of beaches and protection of wildlife be awarded for Gulf Trace recovery in the amount of \$400,000, (our estimate). This amount should allow for the recovery of the beach at Gulf Trace.

The award should be payable to Gulf Trace Homeowners' Association, P.O. Box 4807, Santa Rosa Beach, Florida 32459-4807.

CONCLUSION

For the past two years the Gulf Trace Owners Association has endeavored to create a line of artificial dunes in front of the beachside homes. Sea Turtles feel more natural and at ease preparing their nests in front of a dune rather than an imposing man-made structure. (Confirmed by Brook Saari of the Walton County UF-IFAS Extension).

Although the dunes were in their initial stage and not easily identifiable, BP truck and foot traffic destroyed the efforts that had already taken place.

As part of the reclamation of our Sea Turtle hatching beach, it is our intent to replace and augment these dunes, plant sea oats and utilize a network of sand fences during non-nesting season in order to build and maintain these dunes.

The net result should be a sea turtle habitat most conducive to nesting and hatching activity.

CLAIM NUMBER
W-24
ON
DEP'S LIST
ADDITION TO E-6

POTENTIAL DEEPWATER HORIZON OIL SPILL RESTORATION PROJECTS: PROVIDING INFORMATION TO ASSIST WITH PROJECT ASSESSMENT

To help you propose projects to the State of Florida's Department of Environmental Protection (DEP), we developed this project submission form. You are not required to complete this form to submit a project. However, completion of the form will help DEP gather the information required to completely and accurately evaluate a project against the selection and evaluation criteria. Where appropriate in the form, please provide references to any additional supporting information.

Project Name: *(Include project number from DEP's existing list of submitted projects, if applicable.)*

Re-Nourishment of Gulf Trace
Beach

Contact Information:

Richard Harrell 164 Gulf Shore Drive Santa Rosa Beach Fl. 32459 Tel- 850-231-5714

Location for Project Implementation: *(For example, city and county, GIS coordinates if known.)*

Gulf Trace development- South Walton County....Off County line 30A 2 mi. west of Seaside

Brief Project Narrative: *(Describe what the project will do.)*

1. Gulf Trace is a community of Approximately 90 homes situated on three sides by Florida State Park and on the fourth And South side the Gulf of Mexico. The community has been awarded wildlife friendly certification by the Florida Sea Turtle Conservatory, being on the short list of so approved communities. To abide by Conservatory Standards, hundreds of Turtle friendly lights, visible from the Beach have been installed.
2. During the months succeeding the Deepwater horizon oil spill...BP designated inspection crews, by foot and in Trucks, patrolled up and down our small beach day after day....week after week. At one point over 20 BP People were involved. (The group at Seaside having been sent down to Gulf Trace. All this time trucks carrying Inspectors.....lavatories.....food and materials traversed the beach continually.
3. The constant traffic resulted in deep furrows being carved in the sand. (We have photographic evidence) This constant loosening of the sand combined with successive sea surges, brought about by summer storms, Occurring in July and August, resulted in beach erosion up to four feet in selected areas.
4. The beach damage on only affected the appearance and utilization of the beach by bathers and fishers, but, More importantly, reduced the available nesting area available for the sea turtles and made Gulf Trace a less Attractive location for their nesting.

O c c u r r i n g i n j u l y a n d A u g u s t

Estimated Project Costs: *(Describe the costs of the project, including any assumptions for contingency and ongoing operations and maintenance. Identify other available funding sources such as matching funds, in kind contributions or state or federal dollars. If possible, attach a schedule of anticipated costs, by year, over the anticipated project life.)*

\$ 400, 000(Four Hundred Thousand dollars)

Trucks of sand would unload at three different vacant lots and front loaders would transport the sand to the Areas of beach most affected.

Anticipated Project Outcome with Respect to Screening Criteria

S1. Technically and administratively feasible: *(Briefly describe the critical technologies involved and any relevant past experience with similar projects.)*

This type of Beach restoration has other communities in South Walton County to repair damage..(Namely- The Retreat)

S2. Provides environmental benefits: *(Briefly describe the nature, magnitude, and timing of any environmental benefits attributable to the project and any potential environmental costs associated with implementing or maintaining the project, e.g., loss of a habitat or conversion of habitat from one type to another during implementation.)*

This remedial action would insure the continued success of the Gulf Trace Beach as a successful hatching area for Sea Turtles and allow Gulf Trace to maintain their Certification.

S3. Does not conflict with any ongoing or planned response or remediation work: *(Briefly describe ongoing response activities in the project implementation area, if any, and why the project does or does not interfere with that work.)*

No interference

S4. Complies with applicable and relevant federal, state, local, and tribal laws and regulations: *(No information is needed for this screening criteria.)*

Anticipated Project Outcome with Respect to Evaluation Criteria

E1. Will restore, rehabilitate, or replace a natural resource or service¹ believed/demonstrated to have been injured as a result of the Deepwater Horizon oil spill or associated response activities: *(Briefly describe the nature of any relationship between the new/improved resources or services and those adversely impacted by the oil spill.)*

See S2

E2. Is located in, or nearby, resources or services injured by the deepwater horizon spill: *(Briefly describe where the project would be implemented with respect to past/ongoing remediation work.)*

¹ In this form, "Services" (or "natural resource services") refers to the functions performed by a natural resource for the benefit of another natural resource and/or the public. Services can be "ecological services" – physical, chemical or biological functions that one natural resource provides for another (such as provision of food) – or "human services" – the use of natural resources used by humans that provide value to the public (such as hunting and fishing).

E3. Is ready for implementation, e.g., design, permitting, and necessary impacts assessments have been completed: *(Briefly describe where in the permitting process the project stands along with an estimated date of when the project can be implemented if it is not currently ready.)*

Project implementation can begin anytime...hopefully in time for 2013 hatching season

E4. Is cost effective: *(Briefly describe why you think the project is cost effective. Discuss whether this project is more cost effective than alternative projects which would provide similar resource or service benefits.)*

Any other way to repair the beach would involve dredging equipment and sending sand ashore by tubes

Cost- minimum of \$ 1,000,000 (One million dollars)

E5. Has a high potential for long-term success as demonstrated by incorporating established/reliable methods and technologies: *(Briefly describe if/how critical methods and technologies that will be used to implement the project could be considered reliable or proven.)*

Repair of Beaches has been an acceptable approach in Florida for many years.

E6. Is likely to provide benefits rapidly following implementation: *(Briefly describe the anticipated change in benefits anticipated over time.)*

We would expect increased Hatching activity by sea turtles and a friendlier environment for shore birds:

Sea Gulls, Willets , Pelicans and Ospreys.

All of which will make Gulf Trace and South Walton a more popular place to live and visit for people appreciate

The beauty of Wildlife.

E7. Has a high likelihood of public acceptance: *(Briefly describe evidence to support the given answer based on surveys or results and assessments from past projects. Known or likely opposition to a project should be recognized.)*

In view of the unusual labor and funds invested thus far in making Gulf Trace a wildlife friendly location(for Instance substituting 256 Sea Turtle friendly lights for undesirable lights visible from beach) The owners Welcomed the project.

This project and necessary labor and expense were accomplished by the home owners of Gulf Trace with Enthusiasm and pride.

WE WANT YOUR INPUT!

Submit this form via email to Jessica Kanes at Jessica.Kanes@dep.state.fl.us . If you have any questions or concerns about the process for submitting a project, please contact:

Jessica Kanes
Florida Department of Environmental Protection
Environmental Specialist I
(850) 670-7707
Jessica.Kanes@dep.state.fl.us
Apalachicola NERR/FDEP
108 Island Drive
Eastpoint, FL 32328

A current summary of projects is accessible through the Florida DEP's website at <http://www.dep.state.fl.us/deepwaterhorizon/projects.htm> (click on "View the list of restoration project ideas").

SCHEMATICS INDICATING RE-NOURISHMENT PLAN

AT MINIMUM COST

SERVING AS AN ADDITION TO E4



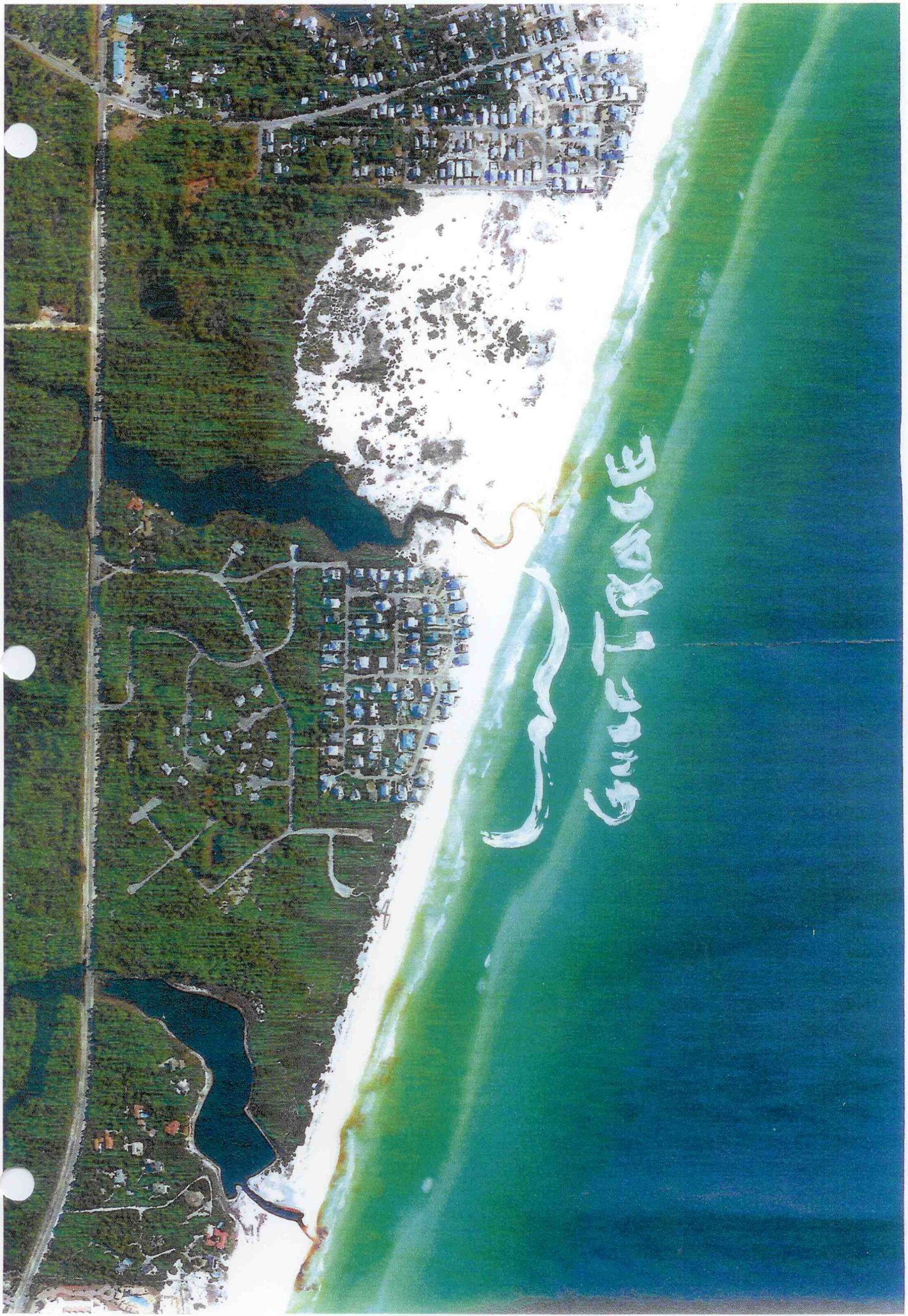
GULF TRACE

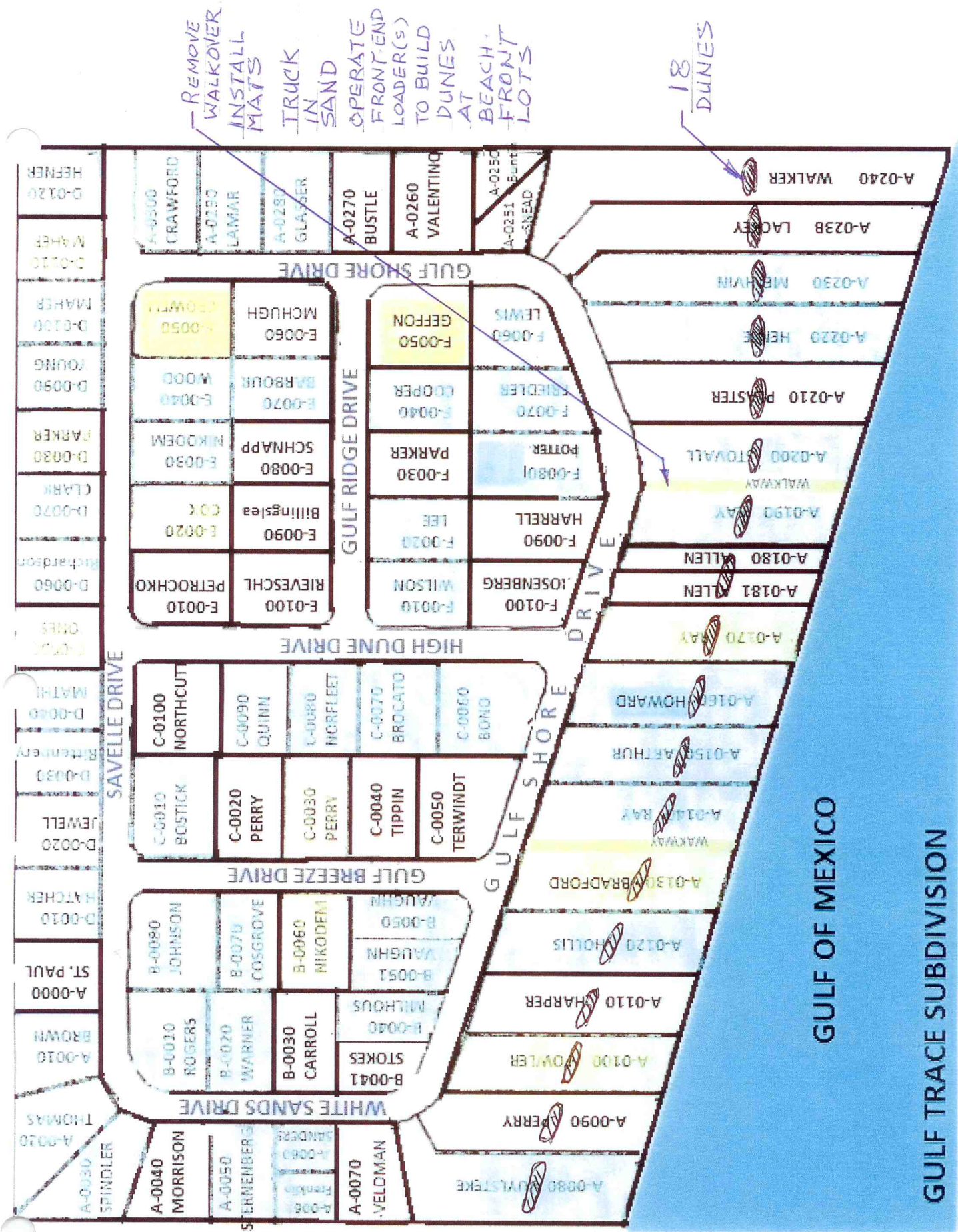
P.O. Box 4807 – Santa Rosa Beach, FL 32459-4807
www.gulftrace.org

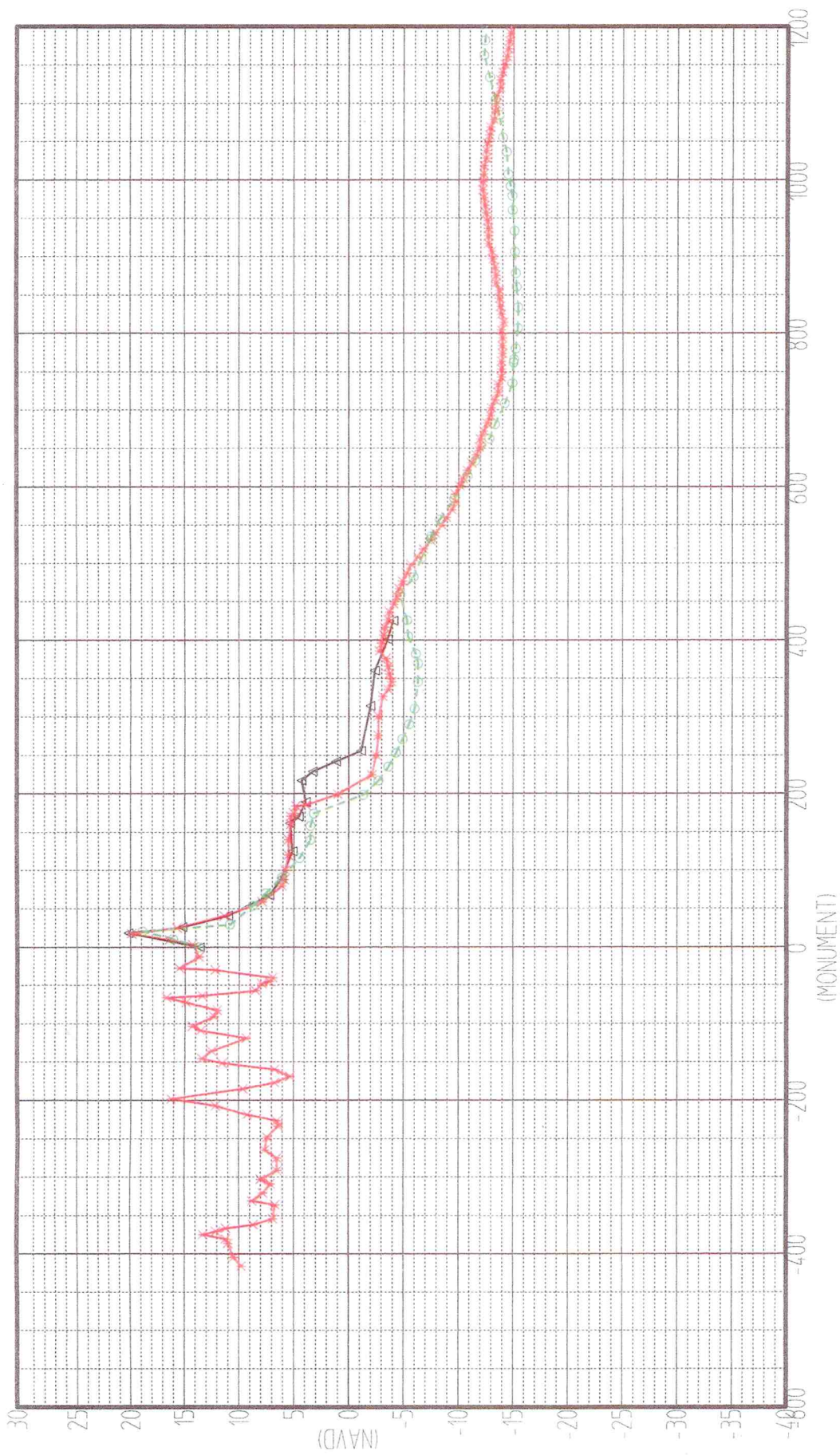
BEACH RESTORATION

WORK PLAN

1. Remove East Walkover.
2. Install mats over 10' wide GTOA owned walkover land.
3. Truck in sand, 360 yards to build dunes at gulf front houses. Approximately twenty (20) trucks, 20 yards each. Trucks to drive over mats (back down) and dump sand on beach.
4. Operate front-end loader (possibly two loaders) to distribute sand to low areas and to build small dune at each beach front house.
5. Remove mats.
6. Re-build dune at walkover, plant sea oats at walkover and at new dunes. Install snow fencing along GT 1350' of dune line in front of houses. Note: fences to be removed in April prior to turtle nesting. Fences to be re-installed in mid-November.
7. Re-build walkover.
8. Repair streets and entry road.







OFFSHORE PROFILE

26 JUN 08
21 JUL 07
17 SEP 05

WALTON

BUREAU OF BEACHES & COASTAL SYSTEMS
FLA DEPT OF ENVIRONMENTAL PROTECTION

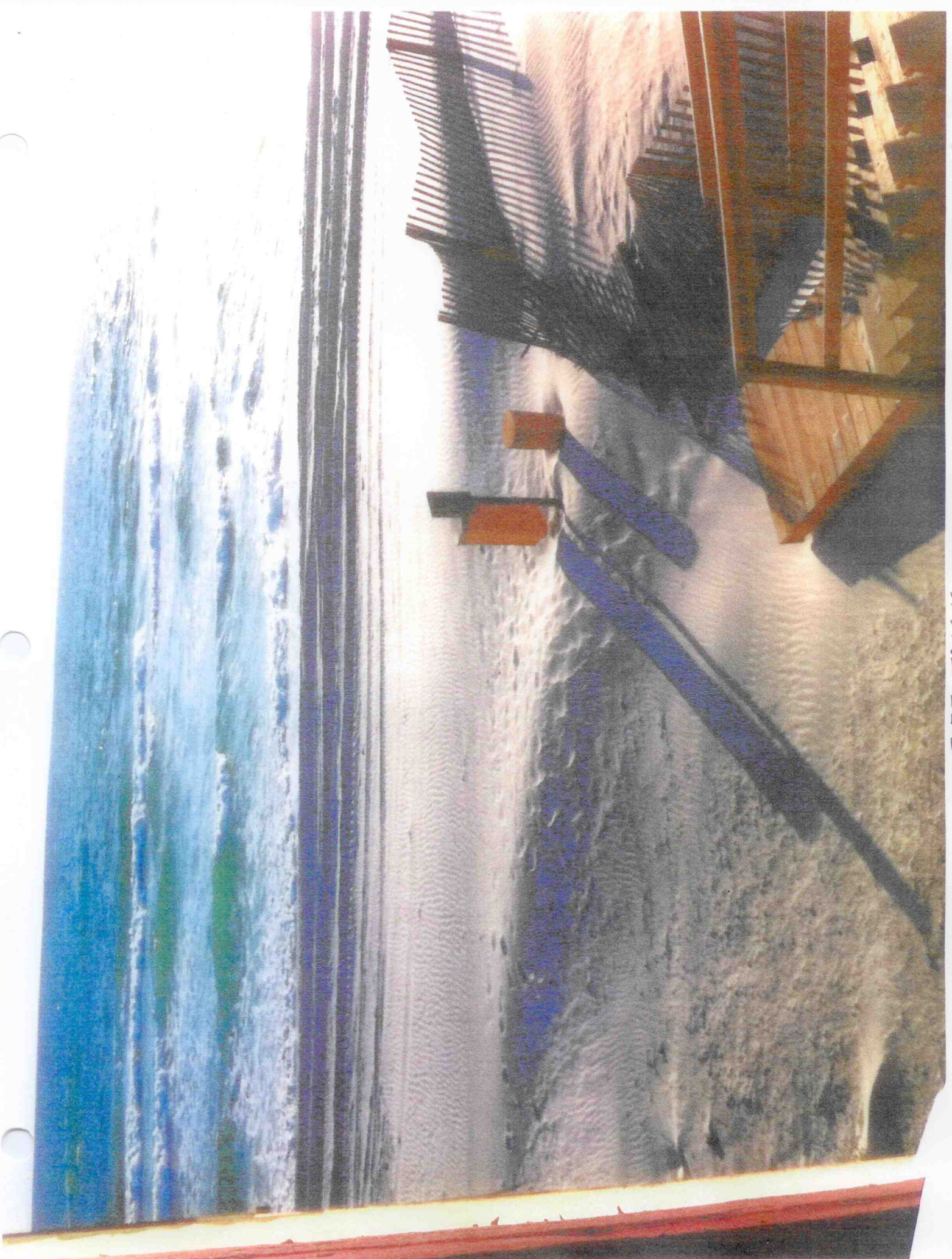
Range R-28

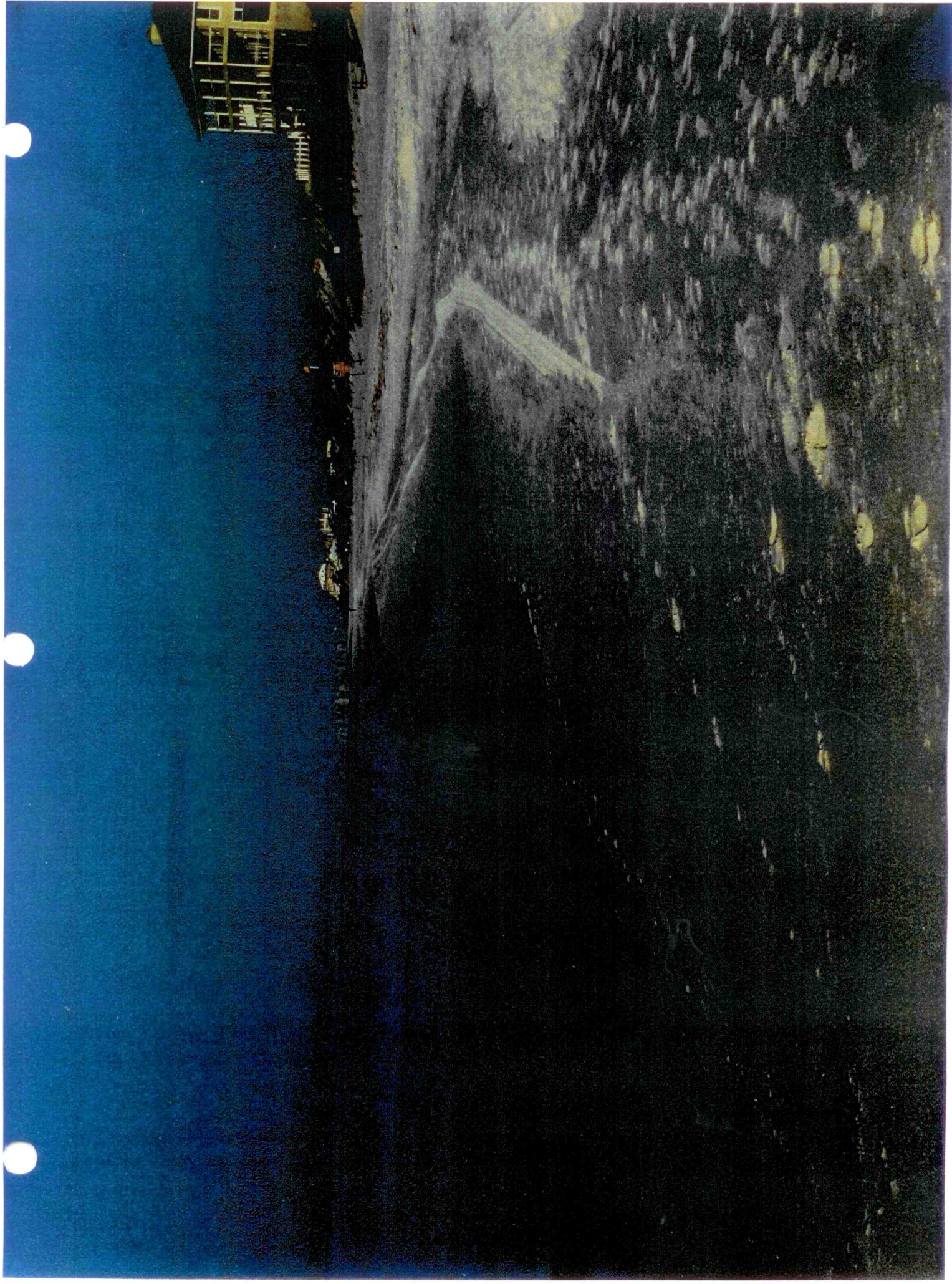
BEARING 190.00

1/2

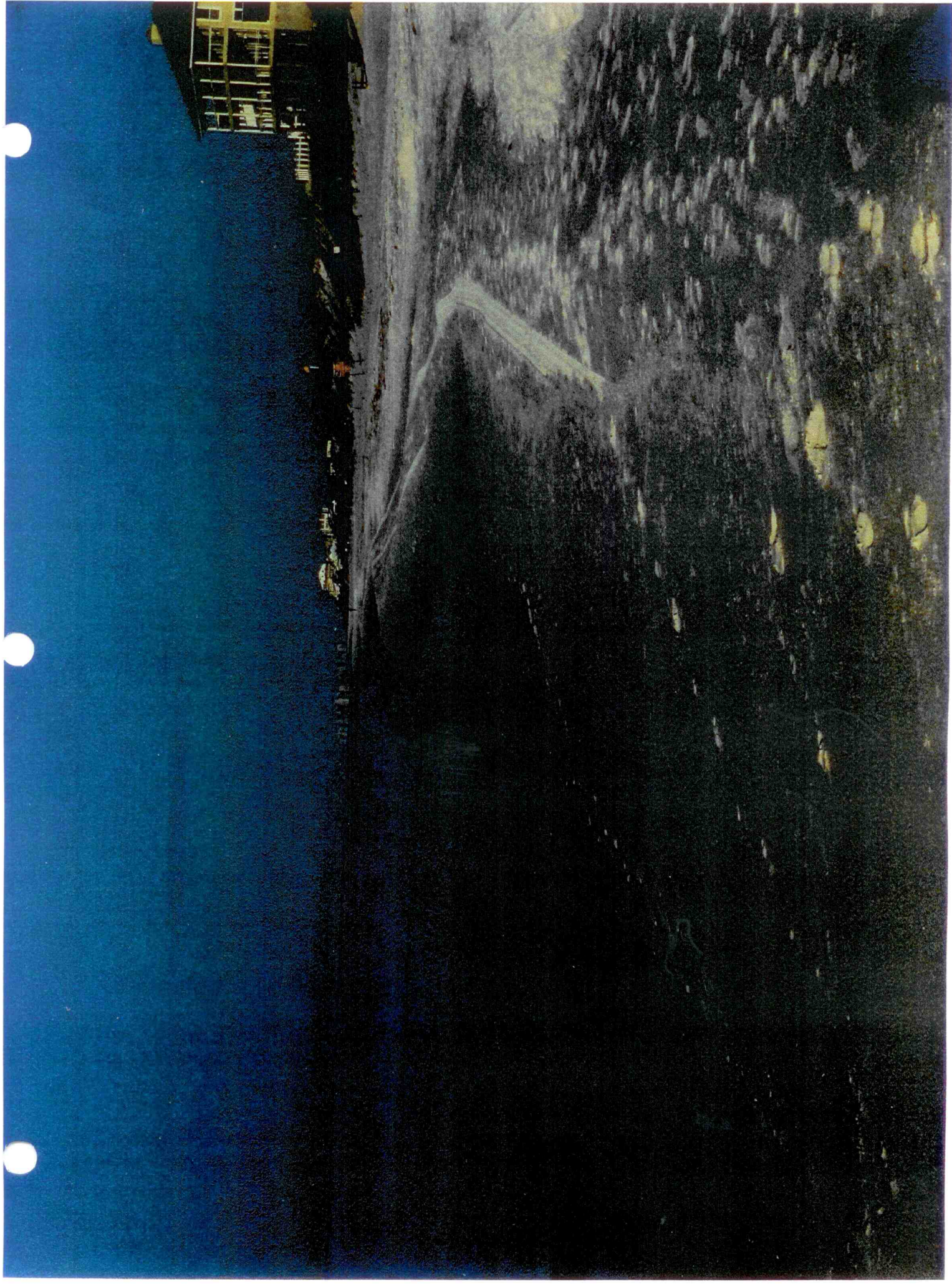
PHOTOGRAPHS
AND
MISCELLANEOUS SUPPORT DATA

PHOTOGRAPHS
AND
MISCELLANEOUS SUPPORT DATA



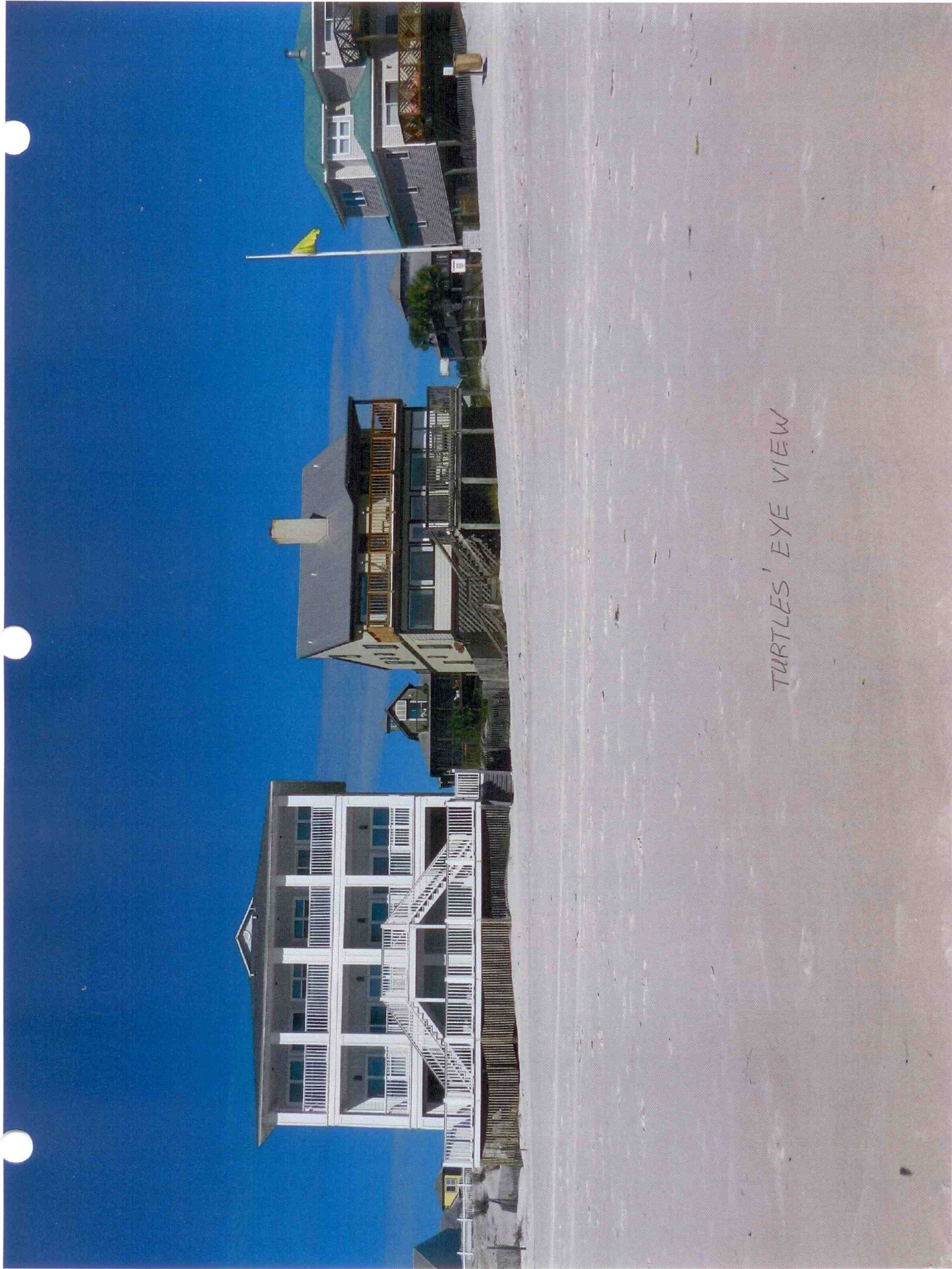


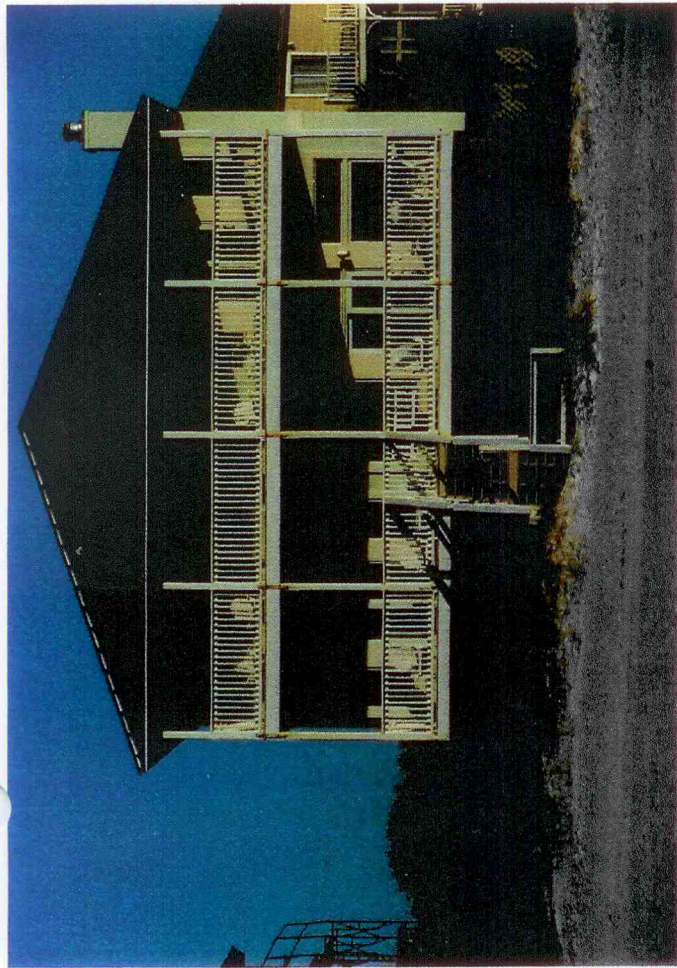
ERODED COVES



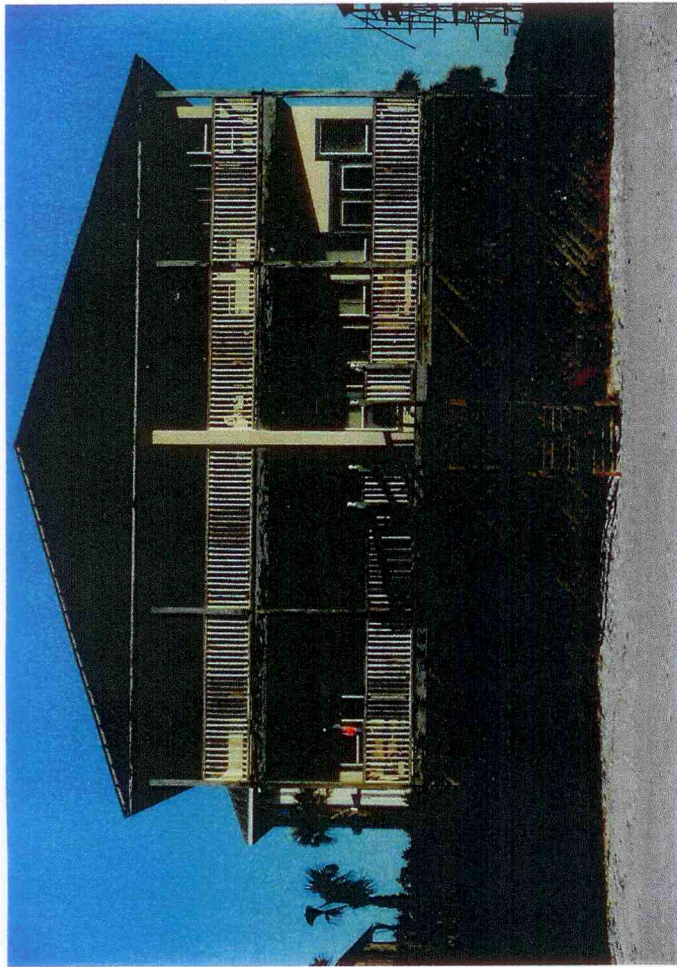
ERODED COVES

TURTLES' EYE VIEW

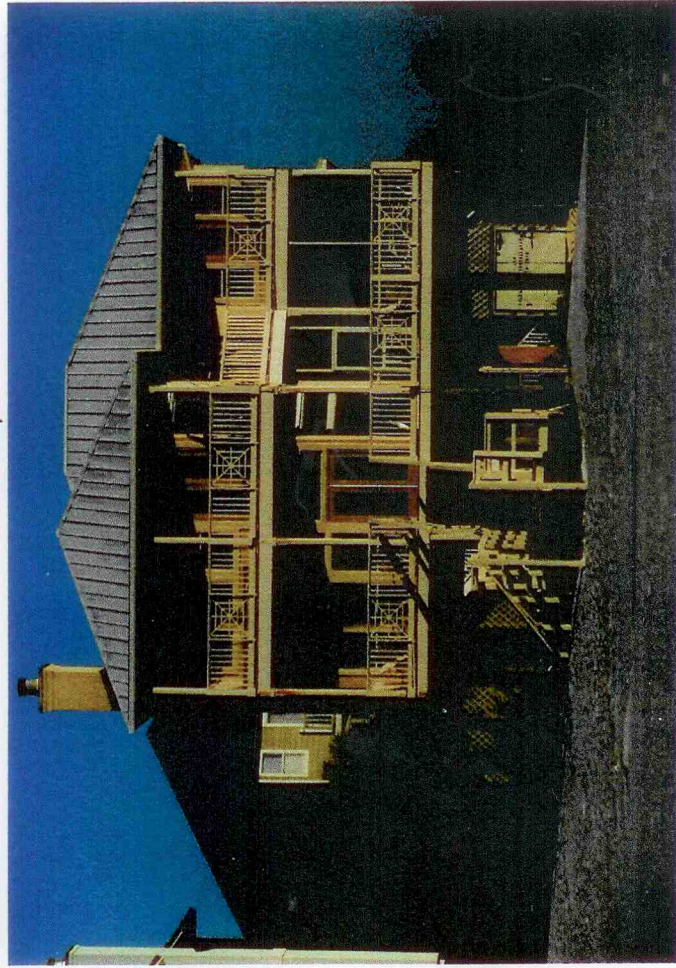




LACKEY



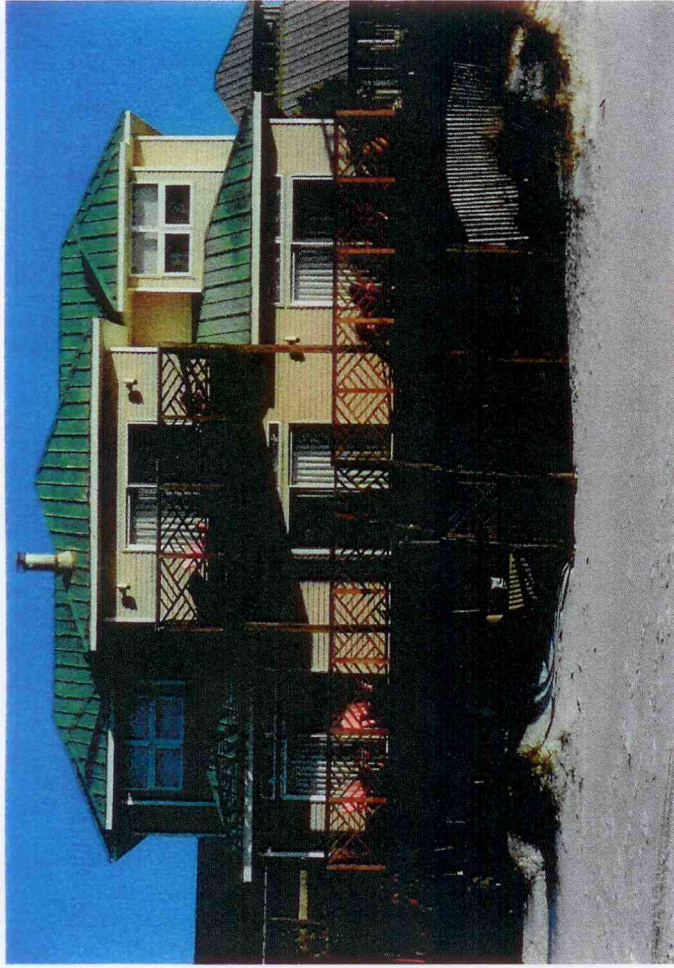
HENSE



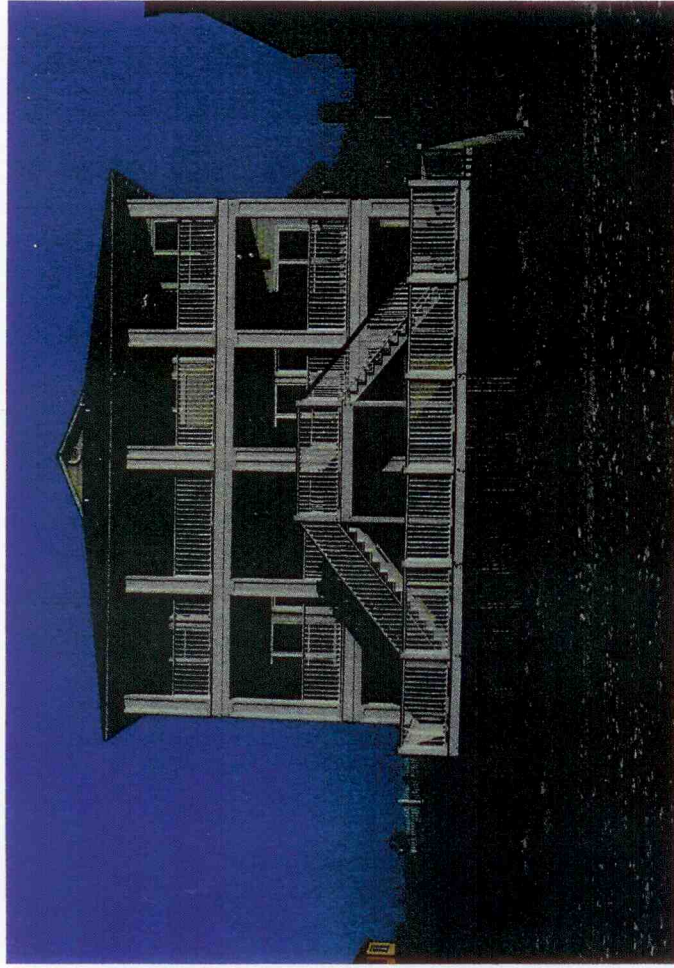
WALKER



METHVIN (REMODELING)



STOVALL



ALLEN



PLASTER



RAY



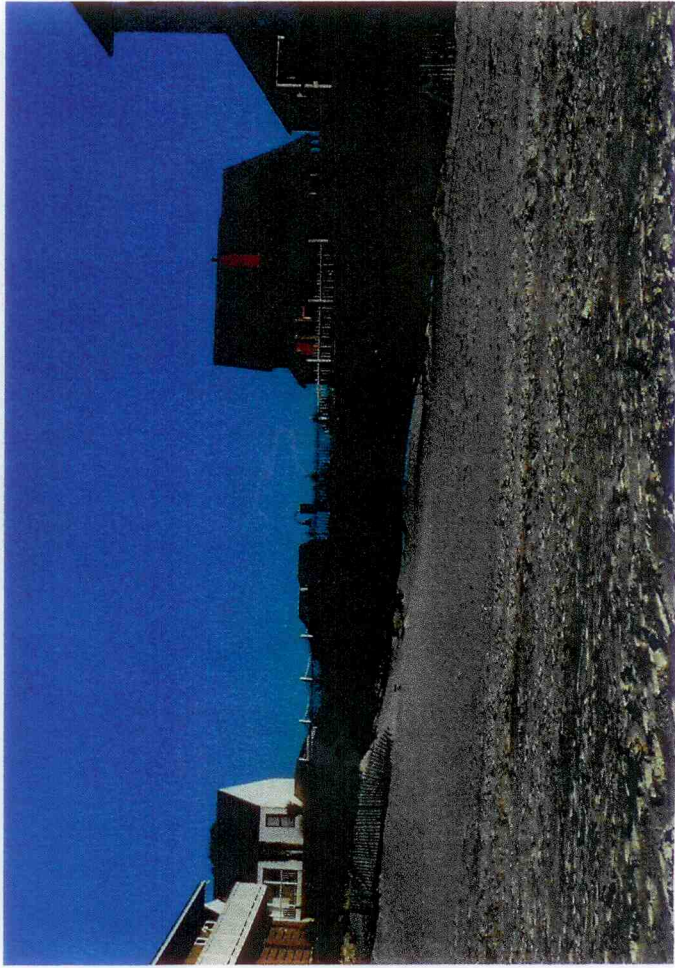
RAY



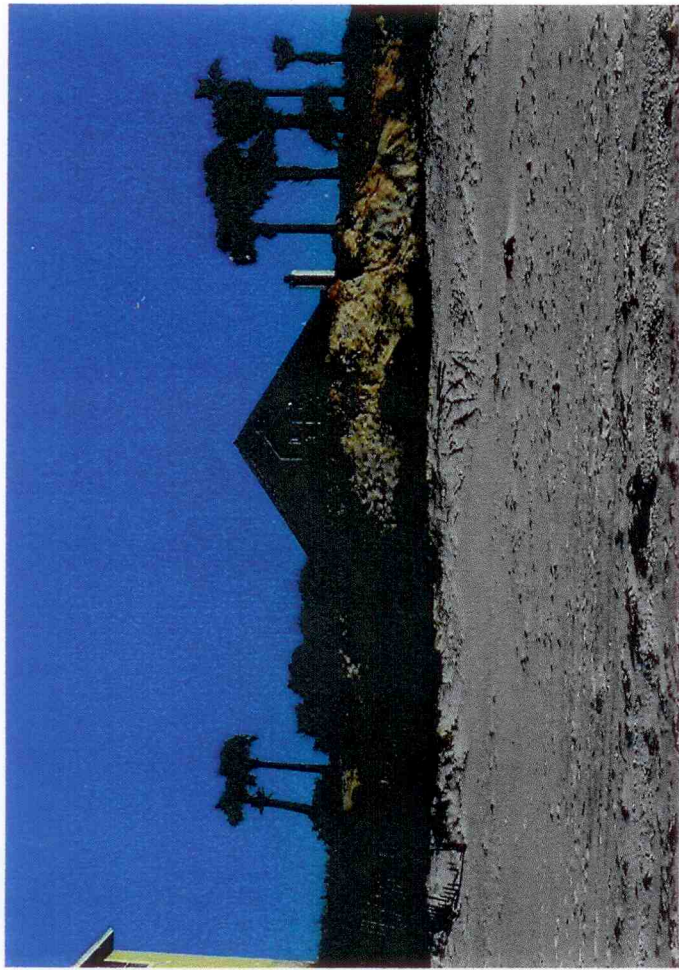
ARTHUR



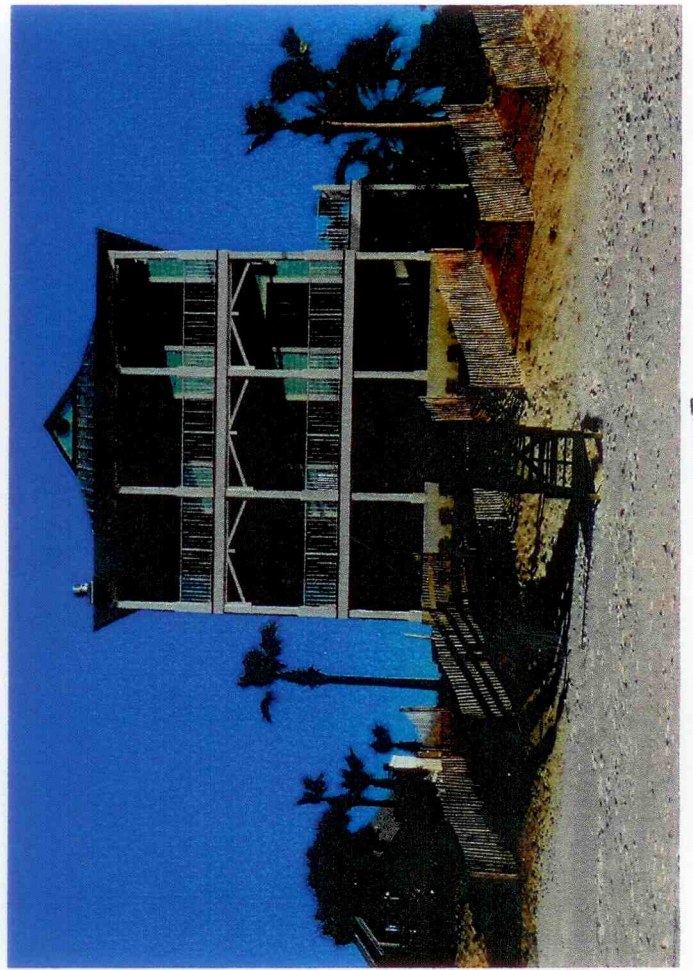
HOWARD



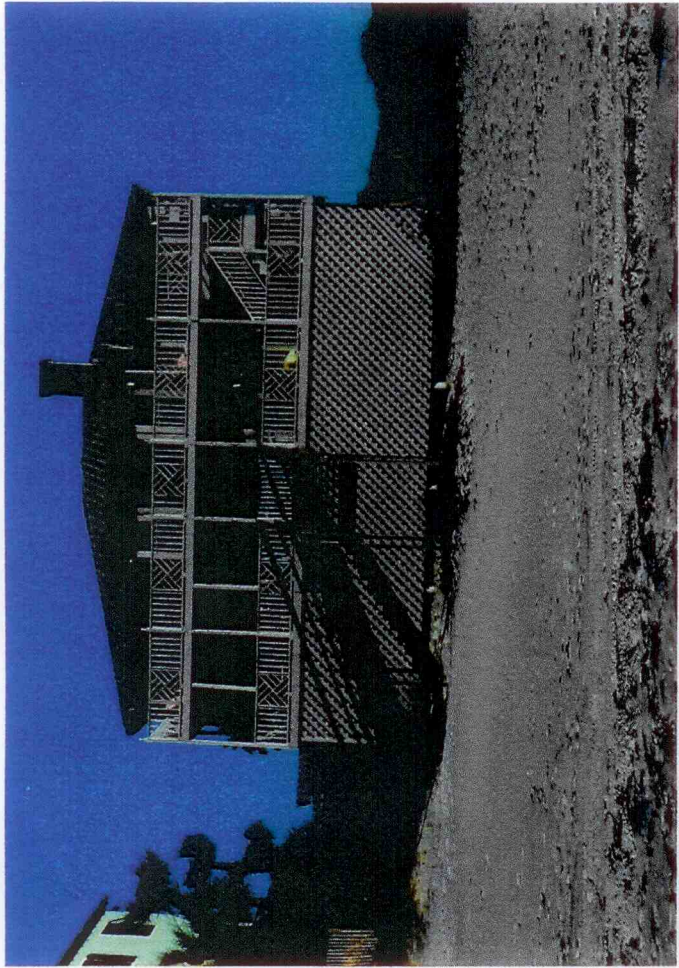
RAY



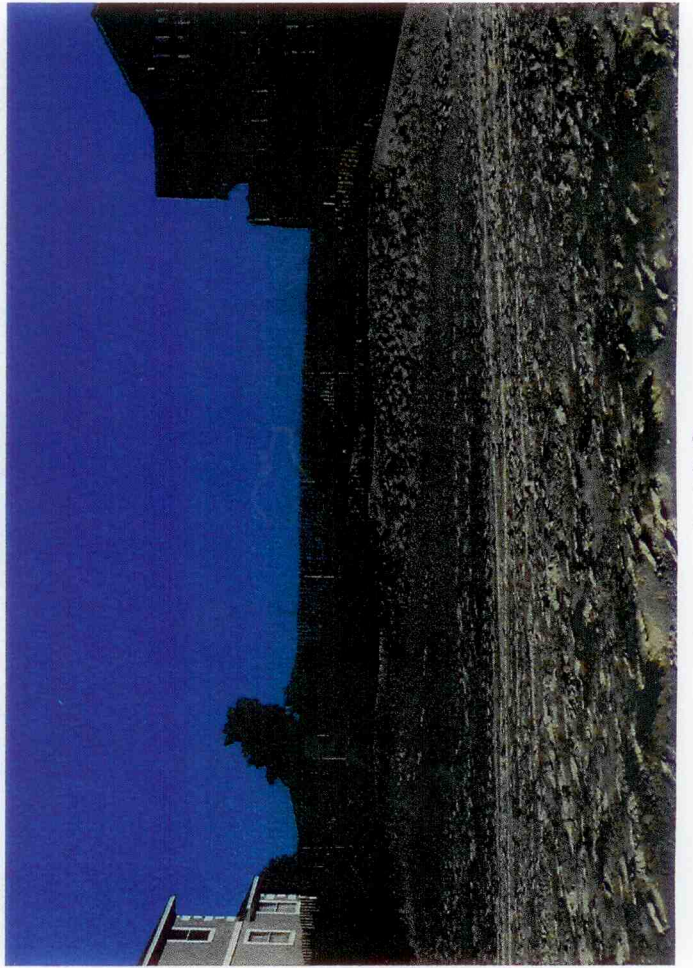
FOWLER



HARPER



HOLLIS



BRADFORD



ERON (VUY STEKE)



LEE



ERON (VUY STEKE)



SEA TURTLES

This property is recognized by the Turtle Friendly Beach Program as promoting suitable sea turtle nesting habitat. During the April through October nesting season, we ask for your assistance to reduce human impact on nesting sea turtles and their hatchlings.

Turtle Friendly
Beach Program



- To access the beach, use boardwalks and walkways to protect vegetation that stabilizes the dune system. Sand dunes protect the property, provide sea turtle nesting habitat, and block artificial lighting.
- Remove or consolidate beach furniture and recreation equipment at dusk so that nesting sea turtles can traverse the beach. Adult turtles must be able to crawl around either side of remaining objects. Sea turtles cannot back-up!
- Fill in any large holes dug in the sand that could trap adult or hatchling turtles.
- Properly dispose of any trash you bring to or find on the beach. Plastic bags, balloons, and other debris may be mistaken as food by sea turtles. Excess fishing line can entangle and drown turtles.
- Lights attract hatchling sea turtles. Keep beachfront curtains and shades drawn at night so interior lights are not visible on the beach.
- Do not start campfires on the beach that can attract hatchlings which may crawl into the fire and perish.
- If you encounter a nesting sea turtle or hatchlings, remain still and observe quietly. No flashlights or flash photography! Report your sighting to the Florida Fish & Wildlife Conservation Commission hotline (1-888-404-FWCC) or your local turtle monitoring group.



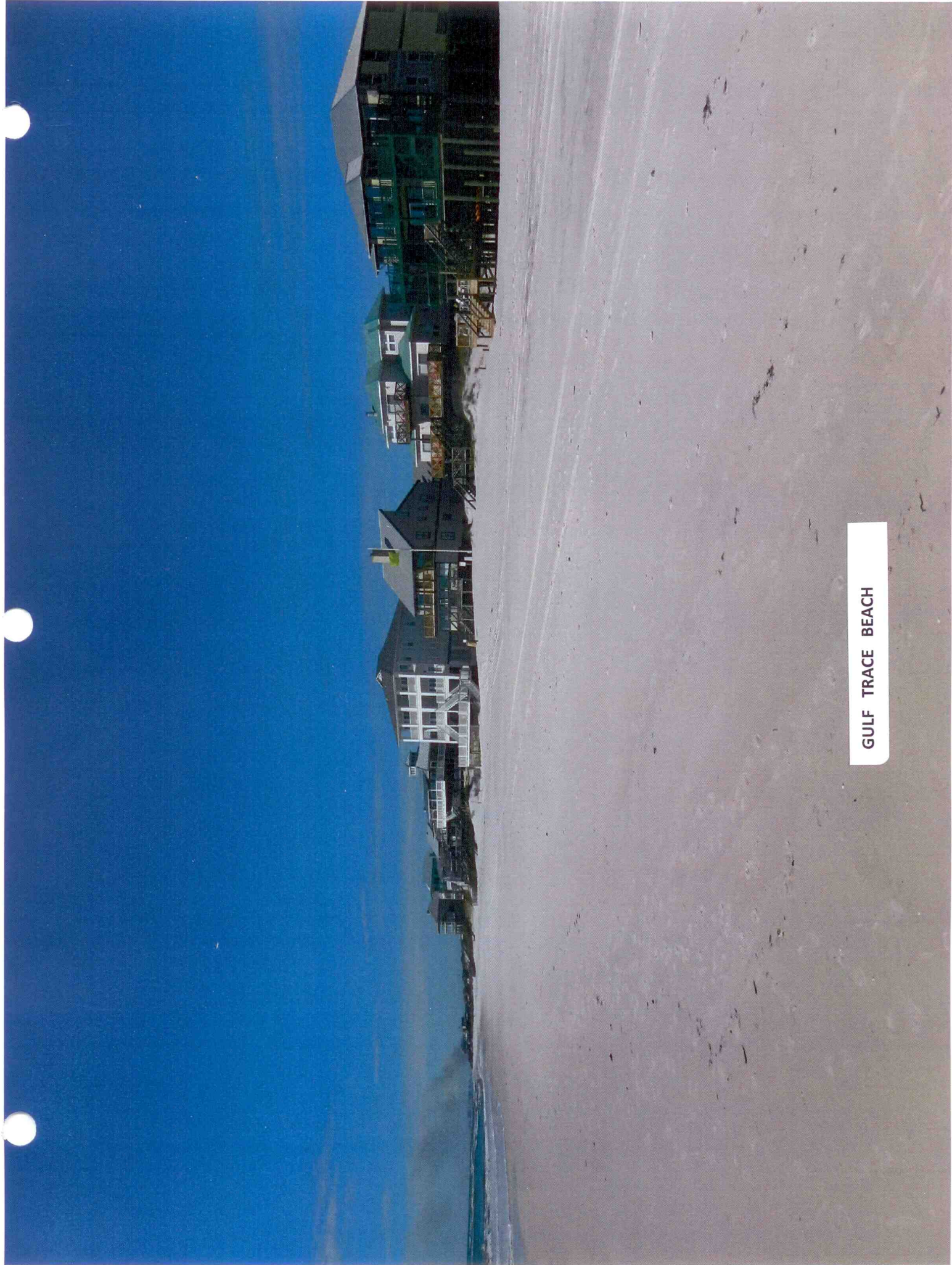
For more information:
www.helpingseaturtles.org
<http://escambia.ifas.ufl.edu/marine>

This program funded in part by a grant awarded from the Sea Turtle Grants Program. The Sea Turtle Grants Program is funded from proceeds from the sale of the Florida Sea Turtle License Plate and is administered by the Caribbean Conservation Corporation.

Sea Grant
Florida

UF UNIVERSITY of
FLORIDA
IFAS Extension

DIAGRAM ADDED TO GUIDE TRACE (TURTLE FRIENDLY)



GULF TRACE BEACH