





CITY OF
FORT LAUDERDALE

MEMORANDUM

DATE: April 16, 2012
TO: Phil Thornburg, Director of Recreation 
VIA: Cate McCaffrey, Assistant Director of Recreation 
FROM: Jonathan Luscomb, Supervisor of Marine Facilities 
RE: Grant Application Florida Inland Navigation District

Attached is a completed grant application package for the Florida Inland Navigation District (F.I.N.D.) Waterway Assistance Program. If awarded, this Grant will fund 40% (approximately \$887, 000) of the costs to re-develop the 15th Street Marine Complex and Boat Ramp. Also, attached is a copy of Resolution 12-61 authorizing the execution of the application by the City Manager.

The grant application was previously submitted with out the City Manager's signature as required by Resolution 12-61. F.I.N.D. has indicated the City may resubmit the properly executed application prior to June 1, 2012 and still be eligible for the grant.

We respectfully request that the attached be forwarded to the City Manager for execution and returned to Marine Facilities to be submitted to F.I.N.D.

Cc. Andrew Cuba, Manager of Marine Facilities

MARINE FACILITIES
DEPARTMENT OF BUSINESS ENTERPRISES
2 So. NEW RIVER DRIVE E., FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-5423, FAX (954) 468-1599, 1-800-FTL-DOCK
www.fortlauderdale.gov



ATTACHMENT E-1

WATERWAYS ASSISTANCE PROGRAM FY 2012
PROJECT APPLICATION
APPLICANT INFORMATION – PROJECT SUMMARY

Applicant: City of Fort Lauderdale

Department: Marine Facilities

Project Title: S.E. 15th Street Boat Ramp and Marine Complex Development Project

Project Director: Lee R. Feldman Title City Manager

Project Liaison Agent (if different from above): Jonathan Luscomb

Liaison Agent Title: Marine Facilities Supervisor

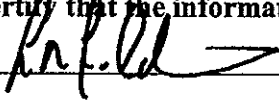
Address: 2 South New River Drive East

Fort Lauderdale, FL Zip Code: 33301

Telephone: (954) 828-5343 Fax: (954) 468-1599

Email: jluscomb@fortlauderdale.gov

***** I hereby certify that the information provided in this application is true and accurate. *****

SIGNATURE:  DATE: 4/15/12

PROJECT SUMMARY NARRATIVE (Please summarize the project in 2 paragraphs or less.)

The Project consists of the construction of the following components: expansion of trail and car parking, new ADA compliant public restrooms with solar lighting; drainage to meet ERP permitting guidelines; replacement of fish cleaning station with disposal system to meet ERP guidelines; LED lighting for parking lot; new seawall cap; replacement of marine police dockage facilities; gazebo area with ADA compliant pier/pump out system; under grounding/relocation of FP&L lines for public safety purposes; landscaping additional tree canopy. The project is currently in construction phase, but unfortunately due to time constraints of the original approval of Phase – II and unforeseen delays, the project has not been completed to date. **See attached plan.

Form No. 90-22

New 12/17/90, Rev.07-30-02, 08-28-06

ATTACHMENT E-2.
APPLICATION CHECKLIST 2012
(To be completed by the Applicant)

This checklist and the other items listed below in items 1 through 14 constitute your application. The required information shall be submitted in the order listed.

Any additional information submitted by the applicant is subject to being removed from the package by District staff prior to presentation to the District Board because of reproduction and space considerations.

Two (2) copies of your application are required. One original and one electronic copy.

All information (except maps) is required to be on 8 1/2" x 11" paper.

Maps and drawings may be on 8 1/2" x 14" paper and folded to 8 1/2" x 11" so that they may be included to hole punch and bound by staff.

	<u>YES</u>	<u>NO</u>
1. District Commissioner Review (prior to March 01) (NOTE: For District Commissioner initials ONLY!) (District Commissioner must initial the yes line on this checklist for the application to be deemed complete)	_____	_____
2. Applicant Info/Project Summary – E-1 (Form No. 90-22, 1 page) (Form must be completed and signed)	<u> X </u>	_____
3. Application Checklist – E-2 (Form No. 90-26, 2 pages) (Form must be signed and dated)	<u> X </u>	_____
4. Project Information – E-3 (Form No. 90-22a, 1 page)	<u> X </u>	_____
5. Project Evaluation and Rating – E-4 ⁽⁺⁾ (Form No. 91-25) (Form must be completed, proper attachment included) (No signatures required)	<u> X </u>	_____
6. Project Cost Estimate – E-5 (Form No. 90-25, 1 page) (Must be on District form)	<u> X </u>	_____
7. Official Resolution Form – E-6 (Form No. 90-21, 2 pages) (Resolution must be in District format and include items 1-6)	<u> X </u>	_____
8. Attorney's Certification (Land Ownership) – E-7 (Must be on or follow format of Form No. 94-26, (Legal descriptions NOT accepted in lieu of form)	<u> X </u>	_____

ATTACHMENT E-2 (Continued)

APPLICATION CHECKLIST (To be completed by the Applicant)

- | | | | |
|-----|---|----------|-----|
| 9. | Project Timeline – E-8 (Form No. 96-10, 1 page) | <u>X</u> | ___ |
| 10. | County Location Map | <u>X</u> | ___ |
| 11. | City Location Map (if applicable) | <u>X</u> | ___ |
| 12. | Project Boundary Map | <u>X</u> | ___ |
| 13. | Clear & Detailed Site Development Map | <u>X</u> | ___ |
| 14. | Copies of all Required Permits
(Required of development projects only) | <u>X</u> | ___ |

The undersigned, as applicant, acknowledges that Items 1 through 13 above constitutes a complete application and that this information is due in the District office no later than 4:30 PM, April 02, 2012. By June 01, 2012 my application must be deemed complete (except for permits) or it will be removed from any further consideration by the District. I also acknowledge that the information in Item 14 is due to the District no later than the final TRIM Hearing in September 2012. If the information in Item 14 is not submitted to the District office by the District's final TRIM hearing in September 2012, I am aware that my application will be removed from any further funding consideration by the District.

APPLICANT: *Lee R. Feldman* APP. TITLE: *City Manager*
Lee R. Feldman *4/19/12*
** SIGNATURE - APPLICANT'S LIAISON ** DATE

FIND OFFICE USE ONLY	
Date Received:	_____
Local FIND Commissioner Review:	_____
All Required Supporting Documents:	_____
Applicant Eligibility:	_____
Project Eligibility:	_____ Available Score: _____
Compliance with Rule 66B-2 F.A.C.:	_____
Eligibility of Project Cost:	_____

Form No. 90-26 - New 9/2/92, Revised 07-30-02.



Venice of America

CITY OF
FORT LAUDERDALE

March 23, 2012

Mr. Mark Crosley, Assistant Executive Director
Florida Inland Navigation District
1314 Marcinski Road
Jupiter, Fl 33477-9498

**Re: F.I.N.D Waterways Assistance Program – Grant application for:
South East 15th Street Boat Ramp and Marine Complex Development Project**

Dear Mr. ^{MARK}~~Crosley~~:

Enclosed is the City of Fort Lauderdale's completed application package for the above-mentioned dredging project.

Thank you for your consideration and please feel free to contact me if you need any additional information.

Kindest regards,

Jonathan Luscomb
Supervisor of Marine Facilities

MARINE FACILITIES
DEPARTMENT OF BUSINESS ENTERPRISES
2 SO. NEW RIVER DRIVE E., FORT LAUDERDALE, FLORIDA 33301
TELEPHONE (954) 828-5423, FAX (954) 468-1599, 1-800-FTL-DOCK
www.fortlauderdale.gov



ATTACHMENT E-1

WATERWAYS ASSISTANCE PROGRAM FY 2012
PROJECT APPLICATION
APPLICANT INFORMATION – PROJECT SUMMARY

Applicant: City of Fort Lauderdale

Department: Marine Facilities

Project Title: S.E. 15th Street Boat Ramp and Marine Complex Development Project

Project Director: Jonathan Luscomb Title Supervisor of Marine Facilities

Project Liaison Agent (if different from above): _____

Liaison Agent Title: _____

Address: 2 South New River Drive East

Fort Lauderdale, FL Zip Code: 33301

Telephone: (954) 828-5343 Fax: (954) 468-1599

Email: Jluscomb@fortlauderdale.gov

***** I hereby certify that the information provided in this application is true and accurate. ****

SIGNATURE:  DATE: 3-23-12

PROJECT SUMMARY NARRATIVE (Please summarize the project in 2 paragraphs or less.)

The Project consists of the construction of the following components: expansion of trail and car parking, new ADA compliant public restrooms with solar lighting; drainage to meet ERP permitting guidelines; replacement of fish cleaning station with disposal system to meet ERP guidelines; LED lighting for parking lot; new seawall cap; replacement of marine police dockage facilities; gazebo area with ADA compliant pier/pump out system; under grounding/relocation of FP&L lines for public safety purposes; landscaping additional tree canopy. The project is currently in construction phase, but unfortunately due to time constraints of the original approval of Phase – II and unforeseen delays, the project has not been completed to date. **See attached plan.

Form No. 90-22

New 12/17/90, Rev.07-30-02, 08-28-06

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 (To be completed by the Applicant)

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Maps and drawings may be on 8 1/2" x 14" paper and folded to 8 1/2" x 11" so that they may be included to hole punch and bound by staff.

- | | <u>YES</u> | <u>NO</u> |
|--|------------|-----------|
| 1. District Commissioner Review (prior to March 01)
(NOTE: <u>For District Commissioner initials ONLY!</u>)
(District Commissioner must initial the yes line on this checklist for the application to be deemed complete) | <u>EC</u> | ___ |
| 2. Applicant Info/Project Summary – E-1 (Form No. 90-22, 1 page)
(Form must be completed and signed) | <u>X</u> | ___ |
| 3. Application Checklist – E-2 (Form No. 90-26, 2 pages)
(Form must be signed and dated) | <u>X</u> | ___ |
| 4. Project Information – E-3 (Form No. 90-22a, 1 page) | <u>X</u> | ___ |
| 5. Project Evaluation and Rating – E-4(+) (Form No. 91-25)
(Form must be completed, proper attachment included)
(No signatures required) | <u>X</u> | ___ |
| 6. Project Cost Estimate – E-5 (Form No. 90-25, 1 page)
(Must be on District form) | <u>X</u> | ___ |
| 7. Official Resolution Form – E-6 (Form No. 90-21, 2 pages)
(Resolution must be in District format and include items 1-6) → <i>approved - not signed as of 3-23-12</i> | <u>X</u> | <u>X</u> |
| 8. Attorney's Certification (Land Ownership) – E-7
(Must be on or follow format of Form No. 94-26,
(Legal descriptions NOT accepted in lieu of form) | <u>X</u> | ___ |

ATTACHMENT E-2 (Continued)

APPLICATION CHECKLIST (To be completed by the Applicant)

- | | | | |
|-----|---|----------|-------|
| 9. | Project Timeline – E-8 (Form No. 96-10, 1 page) | <u>X</u> | _____ |
| 10. | County Location Map | <u>X</u> | _____ |
| 11. | City Location Map (if applicable) | <u>X</u> | _____ |
| 12. | Project Boundary Map | <u>X</u> | _____ |
| 13. | Clear & Detailed Site Development Map | <u>X</u> | _____ |
| 14. | Copies of all Required Permits
(Required of development projects only) | <u>X</u> | _____ |

The undersigned, as applicant, acknowledges that Items 1 through 13 above constitutes a complete application and that this information is due in the District office no later than 4:30 PM, April 02, 2012. By June 01, 2012 my application must be deemed complete (except for permits) or it will be removed from any further consideration by the District. I also acknowledge that the information in Item 14 is due to the District no later than the final TRIM Hearing in September 2012. If the information in Item 14 is not submitted to the District office by the District's final TRIM hearing in September 2012, I am aware that my application will be removed from any further funding consideration by the District.

APPLICANT: *[Signature]* APP. TITLE: 3/23/12

**** SIGNATURE - APPLICANT'S LIAISON ****

DATE

FIND OFFICE USE ONLY

Date Received: _____

Local FIND Commissioner Review: _____

All Required Supporting Documents: _____

Applicant Eligibility: _____

Project Eligibility: _____ Available Score: _____

Compliance with Rule 66B-2 F.A.C.: _____

Eligibility of Project Cost: _____

Form No. 90-26 - New 9/2/92, Revised 07-30-02.

ATTACHMENT E-3 - PROJECT INFORMATION 2012

APPLICANT: City of Fort Lauderdale APPLICATION TITLE: S.E. 15th Street Boat Launching and Marine Complex Development Project Phase-II

Total Project Cost: \$ 2,491,320.00 FIND Funding Requested: \$ 980,988 % of total cost: 39%

Amount and Source of Applicants Matching Funds: City Capital Improvement Funding (CIP) - \$585,191
budgeted for matching funds required for Phase - II of construction cost element in F/Y 2008/2009

Other (non-FIND) Assistance applied for (name of program and amount) Broward County Boating Improvement Program (BBIP) - \$291,715.00 committed in 2009/10 FY budget:

Ownership of Project Site (check one): Own: X Leased: _____ Other: _____

If leased or other, please describe lease or terms and conditions: _____

Once completed, will this project be insured against damage? Yes Explain: The City of Fort Lauderdale is self insured; design consultant and construction contractor providing service for the City must indemnify and hold the City harmless from accidents or injury and add the City as an additional insured on policies with limits of a minimum coverage of \$1,000,000

Has the District previously provided assistance funding to this project or site? : Yes

If yes, please list: The District provided grant funding for Phase-I of the project of \$120,000

What is the current level of public access in terms of the number of boat ramps, boat slips and trailer parking spaces, linear feet of boardwalk (etc.)? (as applicable): Two public boat ramps; 58 trailer parking stalls; and no car parking

How many additional ramps, slips, parking spaces or other public access features will be added by the completion of this project? (as applicable): 2 additional trailer parking stalls with expanded trailer parking size limits from approximately 40' to 45' for a total of all 60 realigned and updated stalls; 17 additional (new) public car parking spaces with 4 new ADA Parking stall accommodations.

If there are fees charged for the use of this project, please denote. How do these fees compare with fees from similar public & private facilities in the area? Please provide documentation Hourly Parking Fees - \$2.00/hr; 24 hour maximum limit; annual permits - \$500.00, plus tax. The only comparable facility in the immediate area is John U. State Park which charges a park entry fee of \$5.00 and an additional \$5.00 launching fee or a minimum of \$10.00 per vehicle with trailer.

Please list all Environmental Resource Permits required for this project:

Agency	Yes/ No N/A	Date Applied For	Date Received
WMD	<u>YES</u>	_____	9/25/09
DEP	<u>YES</u>	_____	9/25/09
ACOE	<u>YES</u>	_____	9/21/09
COUNTY/CITY	<u>YES</u>	_____	9/10/09

ATTACHMENT E-4

WATERWAYS ASSISTANCE PROGRAM

APPLICATION EVALUATION AND RATING WORKSHEET 2012

The applicant is to complete this worksheet by entering the project title, applicant name and answers to the applicable questions. ****Do not answer with more than three sentences.****

All applicants must answer a total of ten questions. All applicants will complete Attachment E-4 of the worksheet, which includes questions 1 through 6.

Each applicant will then complete **one and only one sub-Attachment** (E-4 A, B, C, D or E, questions 7-10) according to the applicant's project type in reference to Attachment C. The applicant should determine their project type (if the project incorporates more than one project type) by determining which project type is dominant in terms of project cost.

All other sub-attachments that are not applicable to an applicant's project should not be included in the submitted application.

APPLICATION TITLE: **S.E. 15th Street Launching and Marine Complex Development – Phase II**

APPLICANT: **City of Fort Lauderdale**

CATEGORY & RATING POINTS AVAILABLE	RATING POINTS	EVALUATION CRITERIA
---	------------------	---------------------

1) PRIORITY LIST:

a) List the priority list category of this project from **Attachment C** in the application. (The application may only be of one type based upon the predominant cost of the project elements.)
Priority Category 7

b) Explain how the project fits this priority category.

PHASE-II The project consists of the construction of the following components: expansion of trailer and car parking, new ADA compliant restroom with solar lighting; drainage to meet ERP permitting guidelines; replacement of fish cleaning station with disposal system to meet ERP guidelines; LED lighting for parking lot; new seawall cap; replacement of

marine police dockage facilities; gazebo area for ADA compliant pier/sewage pump out system; under grounding/relocation of FP&L lines for public safety purposes; landscaping and additional tree canopy.

(For reviewer only)

Max. Available Score _____

Range of Score (0 to _____ points)

2) WATERWAY RELATIONSHIP:

- a) Explain how the project directly relates to the ICW and the mission of the Navigation District.

The project site is located on the Seminole River directly west of the Intracoastal Waterway and less than 1 mile from the Port Everglades inlet and the Atlantic Ocean. The S.E. 15th Street Boat Launching Facility is the only public boat ramp facility located within such a close proximity of the inlet in Broward County.

- b) How does the project benefit public navigation or access to the ICW or adjoining waterways?

The project will benefit small boating access due to the high demand for facilities for public boat launching in compliance with the working waterfront initiative for development and expansion of affordable parking sites for boat trailers.

*(For reviewer only)
(0-6 points)*

3) PUBLIC USAGE & BENEFITS:

- a) How is the public usage of this project clearly identified and quantified?

The new and expanded parking facilities will provide modern and updated trailer space for larger boats consistent with the current size demand and safe and clean public restroom facilities. Other amenities including improvements to the seawall and ADA access pier will allow for additional launching benefits and greater access to the Intracoastal Waterway and the Atlantic Ocean for a broad base of users.

- b) Discuss the regional and local public benefits and access that will be provided by the project.

There are a limited number of public boat launching facilities in Broward County that are as economically affordable and as high demand due to the proximity of the Intracoastal Waterway as the S.E. 15th Street Boat Launching Facility. The public will benefit tremendously from the proposed improvements to expand parking areas with additional components aimed at improving access and various green initiatives.

c) Estimate the amount of total public use.

It is estimated that approximately 60, 000 visitors will use the facility after the first full year of completion with the potential for up to 100,000 visitors annual due to the geographic location which is advantageous for public boating access.

d) Can residents from other counties of the District reasonably use the project? Explain.

Past surveys conducted at this facility have indicated that Florida residents from all of the FIND district's 11 counties have utilized the S.E. 15th Street Boat Launching Facility. There are NO restrictions on parking fees for residents versus non-residents. Also, annual parking permits are available for high end users on a limited basis with no restrictions.

*(For reviewer only)
(0-8 points)*

4) TIMELINESS

- a) Describe current status of the project and present a reasonable and effective timeline for the completion of the project consistent with Attachment E-8.

The project has already received complete review and approval by the City's Planning and Zoning Board as a "Public Purpose Facility" under the City's Unified Land and Development Regulations. Permits as required from the Broward County Environmental and Planning Department are in hand and the project is scheduled to start no later than October 15, 2012.

- b) Briefly explain any unique aspects of this project that could influence the project timeline.

There are no unique aspects of the project that could influence the project timeline.

*(For reviewer only)
(0-3 points)*

5) COSTS & EFFICIENCY:

- a) List any additional funding sources and the status and amount of the corresponding funding that will be utilized to complete this project.

The City currently has approximately \$585,191 in Capital Project funding (CIP). Additional funding has been committed to from a 2009 grant from the Broward County Boating Improvement Program (BBIP) in the amount of \$291,715.

- b) Identify and describe any project costs that may be increased because of the materials utilized or specific site conditions.

No Impact.

- c) Describe any methods to be utilized to increase the cost efficiency of this project.

The "green initiative" design of the project includes LED lighting for parking and landscaped areas, solar electric panels for public restroom lighting; impervious materials for drainage and retention, and possibly recycled materials for car and trailer parking stops and other applicable amenities.

- d) If there are any fees associated with the use of this facility, please detail. In addition, please provide a listing of the fees charged by similar facilities, public and private, in the project area.

S.E. 15th Street Boat Launching Facility:

- Parking - \$2.00 per hour / 24 hour maximum limit
- Annual Parking Permit - \$500.00, plus tax

Other Launching Facilities:

John U. Lloyd State Park

- Park Entry Fee: \$5.00
- Launching Fee: \$5.00

(For reviewer only)
(0-6 points)

6) PROJECT VIABILITY:

- a) Does the project fill a specific need in the community or is it consistent with an existing maritime management plan?

FIND previously funded renovation and replacement and replacement of the two (2) boat launching bays at this facility in 1999. Boat Launching and use of this water dependent site is extremely heavy on weekends and holidays due to its prime location from the Intracoastal Waterway and Port Everglades Inlet; less than 1 mile away.

- b) Clearly demonstrate how the project will continue to be maintained after District funding is completed.

Regularly scheduled maintenance will be performed under reorganization for account funding for the new facilities under the Parks and Recreation Department. Funding will be derived from parking revenues established in a long-term maintenance account to offset repair and replacement costs. Major repairs and infrastructural improvements are financed through the City's CIP fund based on needs assessment and cycle of various capital projects.

- c) Will the program result in significant and lasting benefits? Please describe any environmental benefits associated with this project.

The goal of the "green initiative" design component of the project is to reduce the over all "carbon footprint" with LED and solar power and to reduce surface water contamination through the use of drainage retention areas for rain water run off. Additionally, the fish cleaning station is designed with a macerator disposal type sanitary system to prevent clean water contamination.

*(For reviewer only)
(0-7 points)*

SUB-TOTAL _____

FIND FORM NO. 91-25
(Effective Date: 3-21-01, Revised 4-24-06)

ATTACHMENT E-4A

WATERWAYS ASSISTANCE PROGRAM

APPLICATION EVALUATION AND RATING WORKSHEET

DEVELOPMENT & CONSTRUCTION PROJECTS

THIS ATTACHMENT IS TO BE COMPLETED IF YOUR PROJECT IS A
DEVELOPMENT OR CONSTRUCTION PROJECT BUT IS NOT AN INLET
MANAGEMENT OR BEACH RENOURISHMENT PROJECT.

CATEGORY & RATING POINTS AVAILABLE	RATING POINTS	EVALUATION CRITERIA
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7) PERMITTING:

- a) Have all required environmental permits been applied for? If permits are NOT required, explain why not.

All required permits are in hand.

- b) If the project is a Phase I project, list the tasks scheduled to obtain the necessary permits and engineering work. Please provide a general cost estimate for the future Phase II work.

N/A

- c) Detail any significant impediments that may have been identified that would potentially delay the timely issuance of the required permits.

None

(For reviewer only)
(0-4 points)

8) PROJECT DESIGN:

- a) **Has the design work been completed? If this is a Phase I project, has a preliminary design been developed?**

Phase - I of this project was funded by and complete.

- b) **Are there unique beneficial aspects to the proposed design that enhance public usage or access, decrease environmental impacts, improve water quality or reduce costs?**

Enhancement benefit is primarily for public access, ADA compliancy and "green initiative" to reduce environmental impacts as previously described.

(For reviewer only)

(0-2 points)

9) CONSTRUCTION TECHNIQUES:

- a) **Briefly explain the construction techniques to be utilized for this project.**

Construction will utilize mostly small equipment for lot clearing and grading. Floating docks planned for the police and ADA access pier will be prefabricated at an off-site location prior to being installed with the use of a barge and crane.

- b) **How are the construction techniques utilized appropriate for the project site?**

Delivery of equipment to the site is not an access problem. Construction will be performed from both the landside and the waterside of the existing seawall. Most of the brick paver work for sidewalks and other areas as planned will be done with manual labor. Turbidity barriers will be used for retention and control of sediment and run off from this site into the canal during construction.

- c) **Identify any unusual construction techniques that may increase or decrease the costs of the project.**

None

(For reviewer only)

(0-3 points)

10) CONSTRUCTION MATERIALS:

- a) List the materials to be utilized for this project. What is the design life of the proposed materials?

Plans are to use asphalt material of high quality with a life expectancy of 20 to 25 years. All concrete work will be reinforced with steel according to the highest standards. The floating docks will be designed to withstand Category II hurricane force winds with all materials impervious to corrosion. All lumber will be marine grade for maximum sweater protection and lighting designed to withstand maximum wind force.

- b) Describe any recyclable material to be utilized. How does the recyclable material (if any) compare to other available material?

Several types of recyclable materials will be utilized for such hardware including, benches, tables, parking stops, and composite wood finishes for the gazebo facility and additional amenities.

- c) Identify any unique construction materials that may significantly alter the project costs.

*(For reviewer only)
(0-3 points)*

**RATING POINT
TOTAL** _____

(Note: The total maximum score possible is dependent upon the project priority category but cannot exceed 50 points unless the project qualifies as an emergency-related project. The minimum score possible is 16 points. A score of 35 points or more is required to be considered for funding.)

ATTACHMENT E-5
FLORIDA INLAND NAVIGATION DISTRICT
WATERWAYS ASSISTANCE PROGRAM
PROJECT COST ESTIMATE
(See Rule Section 66B-2.005 & 2.008 for eligibility and funding ratios)

PROJECT TITLE: S.E. 15th STREET LAUNCHING AND MARINE COMPLEX DEVELOPMENT
PROJECT -PHASE II

APPLICANT: CITY OF FORT LAUDERDALE

Project - SE 15 ST Parking Lot & Boat Ramp Improvements
Preliminary Cost Estimate

Item #	Item Description	Quantity	Unit	Unit Price	TOTAL	APPLICANT COST	FIND COST
GENERAL							
1	Mobilization	1	LS	\$ 113,241.85	\$ 113,241.85	\$ 56,620.93	\$ 56,620.93
2	Bonds & Insurance	1	LS	\$ 113,241.85	\$ 113,241.85	\$ 113,241.85	
	SUB TOTAL				\$ 226,483.70	\$ 169,862.78	\$ 56,620.93
DEMOLITION							
3	Remove & Dispose Asphalt Pavement	7,040	SY	\$ 4.00	\$ 28,160.00		
4		7,040	SY	\$ 2.30	\$ 16,192.00		
	Remove and Stockpile existing timerock base material (8" average)						
5	Remove & Dispose Concrete Sidewalk	280	SY	\$ 6.00	\$ 1,680.00		
6	Remove & Dispose Concrete Curbing	420	LF	\$ 5.00	\$ 2,100.00		
7	Remove & Dispose of Shrubs & Ground Cover	1	LS	\$ 8,000.00	\$ 8,000.00		
8	Remove & Dispose Chain Link Fence	280	LF	\$ 5.00	\$ 1,400.00		
9	Remove & Dispose Wood Staircase	1	LS	\$ 8,000.00	\$ 8,000.00		
10	Demolish & Dispose Existing Restroom Building and all Appurtenances	1	LS	\$ 15,000.00	\$ 15,000.00		
11	Remove & Dispose Fish Cleaning Table and Appurtenances	1	LS	\$ 4,000.00	\$ 4,000.00		
12	Cap Fish Cleaning Station Drain	1	LS	\$ 5,000.00	\$ 5,000.00		

13	Remove & Dispose Fixed Concrete Docks	6	EA	\$	4,200.00	\$	85,500.00
14	Remove & Dispose Wooden Deck	1	LS	\$	2,000.00	\$	24,700.00
15	Remove & Dispose L-shape Concrete Dock	1	LS	\$	12,000.00	\$	57,600.00

SUB TOTAL

\$ 256,732.00 \$ 171,154.66 \$ 85,577.33

PAVING AND DRAINAGE

16	Compaction of Subgrade (12" Average)	7,200	SY	\$	2.00	\$	14,400.00
17	Fine Grading	3,600	SY	\$	6.00	\$	21,600.00
18	Furnish & Install Limerock Sub-Base (8")	7,200	SY	\$	16.00	\$	115,200.00
19	Furnish and & Install Clean Fill	120	CY	\$	40.00	\$	4,800.00
20	Furnish & Install Permeable Pavers	0	SY	\$	75.00	\$	-
21	Furnish & Install Porous Concrete	0	SY	\$	35.00	\$	-
22	Furnish & Install 6" Concrete Apron for Boat Ramp	140	SY	\$	50.00	\$	7,000.00
23	Furnish & Install 4" Concrete Sidewalk	170	SY	\$	40.00	\$	6,800.00
24	Furnish & Install Concrete F-Curb	720	LF	\$	22.00	\$	15,840.00
25	Furnish & Install Concrete D-Berm	430	EA	\$	1.00	\$	430.00
26	Furnish & Install Concrete D-Curb	840	LF	\$	20.00	\$	16,800.00
27	Furnish & Install 1" Asphalt	7,200	SY	\$	7.50	\$	54,000.00
28	Demuck to a maximum depth of 4-feet below prepared storm sewer pipe	150	SY	\$	60.00	\$	9,000.00
29	Furnish & Install drainage pipe w/exfiltration trench - 12" RCP	790	LF	\$	102.00	\$	80,580.00
30	Furnish and Install Type "C-4" Structure (48" square)	2	EA	\$	2,700.00	\$	5,400.00
31	Furnish & Install drainage structure Frame & Grate	6	EA	\$	1,100.00	\$	6,600.00
32	Remove Existing drainage structure	2	EA	\$	2,600.00	\$	5,200.00
33	Adjust Existing drainage structure	2	EA	\$	350.00	\$	700.00
34	Clean existing drainage structure	2	EA	\$	110.00	\$	220.00
35	Close Existing Drainage Outfall	1	LS	\$	10,000.00	\$	10,000.00
36	Furnish & Install Detectable Warnings	70	SF	\$	65.00	\$	4,550.00
37	Furnish & Place Thermoplastic 6" Blue	250	LF	\$	2.00	\$	500.00
38	Furnish & Place Thermoplastic 6" White	3,200	LF	\$	1.20	\$	3,840.00
39	Furnish & Place Thermoplastic 24" White	80	LF	\$	4.50	\$	360.00
40	Furnish & Place Thermoplastic Arrow	14	EA	\$	70.00	\$	980.00
41	Furnish & Place Thermoplastic HC symbol	2	EA	\$	200.00	\$	400.00
42	Furnish & Install Recycled Curb Stops	75	EA	\$	35.00	\$	2,625.00

SUB TOTAL

\$ 387,825.00 \$ 258,550.00 \$ 129,275.00

WATER & SEWER

43	Locate On-Site Utilities	1	LS	\$ 1,200.00	\$ 1,200.00		
44	Remove and replace existing water service (includes tapping existing water Main)	1	EA	\$ 3,800.00	\$ 3,800.00		
45	Relocate Existing Fire Hydrant	1	EA	\$ 1,400.00	\$ 1,400.00		
46	Furnish & Install New Sewer Lateral	3	EA	\$ 3,100.00	\$ 9,300.00		
47	Connect New Water Service	4	EA	\$ 1,270.00	\$ 5,080.00		
48	Relocate Existing Water Meter	4	EA	\$ 414.00	\$ 1,656.00		
49	Furnish & Install New Water Meter Box	1	EA	\$ 330.00	\$ 330.00		
50	Furnish & Install 2" DIP Force Main	500	LF	\$ 45.00	\$ 22,500.00		
51	Core Into Existing Manhole	1	EA	\$ 500.00	\$ 500.00		
52	Furnish & Install Drop Bowl In Manhole	1	EA	\$ 800.00	\$ 800.00		
53	Furnish & Install Utility Pedestals & Sewer Connect	1	EA	\$ 15,000.00	\$ 15,000.00		
58	Police Piers - Fire Hose Line & Box	3	EA	\$ 20,000.00	\$ 60,000.00		
59	Offset Water or Sewer Laterals	4	EA	\$ 400.00	\$ 1,600.00		
SUB TOTAL					\$ 123,166.00	\$ 61,583.00	\$ 61,583.00

STRUCTURES

60	Construct New Restroom Building	1	LS	\$120,000.00	\$ 120,000.00	\$ 80,000.00	\$ 40,000.00
61	Furnish & Install 5' CMB Wall and Foundation	150	LF	\$ 100.00	\$ 15,000.00	\$ 15,000.00	
62	Furnish & Install Solar Lighting Panel for Restroom Building	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
63	Furnish & Install Dumpster Enclosure and Dumpster (and Sign)	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 12,500.00	\$ 12,500.00
64	Furnish & Install New Concrete Floating Docks	1	LS	\$350,000.00	\$ 350,000.00	\$ 175,000.00	\$ 175,000.00
65	Furnish & Install New ADA Dock	1	LS	\$ 56,250.00	\$ 56,250.00	\$ 28,125.00	\$ 28,125.00
66	Furnish & Install Entrance Feature/Sign	0	LS	\$ 8,000.00	\$		
67	Raise Seawall Concrete Cap by 8"	1	LS	\$ 36,000.00	\$ 36,000.00	\$ 18,000.00	\$ 18,000.00
68	Furnish & Install 4' Wide Wall along Ramp	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00
SUB TOTAL					\$ 662,250.00	\$ 358,625.00	\$ 303,625.00

AMENITIES

69	Furnish & Install Fish Cleaning Station with Grinder Pump	1	LS	\$ 85,000.00	\$ 85,000.00	\$ 42,500.00	\$ 42,500.00
70	Furnish & Install Picnic Shelter	1	LS	\$ 22,000.00	\$ 22,000.00	\$ 11,000.00	\$ 11,000.00
71	Furnish & Install Recycled ADA Picnic Tables	6	EA	\$ 1,800.00	\$		
72	Furnish & Install Recycled Trash Receptacles	12	EA	\$ 1,000.00	\$		

73	Furnish & Install 6' Chain Link Fence (5/8" Opening)	300	LF	\$	24.00	\$	7,200.00	\$	3,600.00	\$	3,600.00
74	Furnish & Install Rolling Gate 30' Manual	1	EA	\$	6,000.00	\$	6,000.00	\$	3,000.00	\$	3,000.00
75	Furnish & Install Rolling Gate 40' Manual	1	EA	\$	7,600.00	\$	7,600.00	\$	3,800.00	\$	3,800.00
76	Furnish & Install Pedestrian Gate	3	EA	\$	800.00	\$	2,400.00	\$	1,200.00	\$	1,200.00

SUB TOTAL

\$ 130,200.00 \$ 65,100.00 \$ 65,100.00

LANDSCAPE

77	Furnish & Install Mulch (3" depth)	400	SY	\$	12.00	\$	4,800.00				
78	Furnish & Install Topsoil (10" min)	2,400	SY	\$	12.00	\$	28,800.00				
79	Remove & Dispose of Trees/Palms	4	EA	\$	650.00	\$	2,600.00				
80	Remove & Relocate Trees/Palms	16	EA	\$	500.00	\$	8,000.00				
81	Furnish & Install Gumbo Limbo, 14' ht	7	EA	\$	450.00	\$	3,150.00				
82	Furnish & Install White Crape Myrtle, 12' ht	13	EA	\$	400.00	\$	5,200.00				
83	Furnish & Install Silver Buttonwood, 12 ht	15	EA	\$	400.00	\$	6,000.00				
84	Furnish & Install Cabbage Palm 12-24' OA	15	EA	\$	250.00	\$	3,750.00				
85	Furnish & Install Montgomery Palm, 10' CT, 18' OA	12	EA	\$	800.00	\$	9,600.00				
86	Furnish & Install Montgomery Palm Triple, 8-12-16' CT, 16-20-24' OA	6	EA	\$	600.00	\$	3,600.00				
87	Furnish & Install Red Tip Cocoplum, 24' Ht	152	EA	\$	10.00	\$	1,520.00				
88	Furnish & Install String Lily, 36" ht	24	EA		\$0.00	\$	4,800.00				
89	Furnish & Install Green Island Ficus, 18" ht	670	EA	\$	12.00	\$	8,040.00				
90	Furnish & Install Large Leaf Ixora, 30" ht	266	EA	\$	14.00	\$	3,724.00				
91	Furnish & Install Maki Podocarpus, 4' ht	159	EA	\$	20.00	\$	3,180.00				
92	Furnish & Install St Augustine Grass	2,000	SY	\$	6.00	\$	12,000.00				
93	Furnish & Install Bio-Barrler	1,800	LF	\$	20.00	\$	36,000.00				
94	Restore & connect to existing irrigation	1	LS	\$	20,000.00	\$	20,000.00				
95	Furnish & Install Open Cell Concrete Block	280	SF	\$	30.00	\$	8,400.00				
96	Furnish & Install solar landscape lighting	1	LS	\$	35,000.00	\$	35,000.00				

SUB TOTAL

\$ 208,164.00 \$ 104,082.00 \$ 104,082.00

Agenda - 13 -

ELECTRICAL

97	FPL Allowance	1	AL	\$220,000.00	\$ 220,000.00	\$ 110,000.00
98	Remove and Dispose of Existing Poles within Lot	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 10,000.00
99	Furnish & Install Poles & Fixture Assembly in Lot	21	EA	\$ 10,500.00	\$ 220,500.00	\$ 55,125.00
100	Furnish & Install Conduit and Wiring for New Poles	1,800	LF	\$ 20.00	\$ 36,000.00	

SUB TOTAL

\$ 496,500.00 \$ 321,375.00 \$ 175,125.00

PROJECT TOTAL

TOTAL COST CITY SHARE FIND SHARE
 \$2,491,320.70 \$ 1,510,332.44 \$980,988.26

**** TOTALS =**

\$ 2,491,320.00 \$1,510,322.00 \$ 980,988.00

Form No. 90-25 (New 10/14/92, Revised - -)

ATTACHMENT E-8

WATERWAYS ASSISTANCE PROGRAM 2012

PROJECT TIMELINE

Project Title: S.E. 15th Street Boat Launching and Marine Complex Development
Project- Pahase - II

Applicant: City of Fort Lauderdale

The applicant is to present a detailed timeline on the accomplishment of the components of the proposed project including, as applicable, completion dates for: permitting, design, bidding, applicant approvals, initiation of construction and completion of construction.

NOTE: All funded activities must begin AFTER October 1st
(or be consistent with Rule 66B-2.005(3) - Pre-agreement expenses)

COMPONENT	<u>Nov</u> <u>12</u>	<u>Dec</u> <u>12</u>	<u>Jan</u> <u>12</u>	<u>Feb</u> <u>13</u>	<u>Mar</u> <u>13</u>	<u>Apr</u> <u>13</u>	<u>May</u> <u>13</u>	<u>Jun</u> <u>13</u>	<u>Jul</u> <u>13</u>	<u>Aug</u> <u>13</u>	<u>Sep</u> <u>13</u>
Permitting Complete											
Design Complete											
Bidding	XX	XX	XX								
Award		XX	XX								
Construction				XX	XX	XX	XX	XX	XX	XX	
Completion											XX

15th Street Boat Launch and Marina Complex Project Background and Description

The 15th Street Boat Launch and Marine Complex is located at 1784 SE 15th Street and was originally built about fifty (50) years ago. The property covers approximately 29,000 SF and has two boat ramps, public restrooms, a fish cleaning table, a marina and the Police Marine Unit building. The parking lot currently provides 58 parking spaces for vehicles with attached boat trailers only. One of the parking spaces is handicap accessible. It also provides 17 parking spaces for use by Fort Lauderdale Police only and a secure boat storage area surrounded by a 6 feet tall chain link fence.

The site is located adjacent to a City-owned canal and abuts General Business (B-2) zoned property to the east, Residential Multifamily Mid Rise/Medium High Density (RMM-25) zoned property to the north and west and Boulevard Business (B-1) and Residential Multifamily High Rise/Medium High Density (RMH-60) zoned property along the south bank of the waterway. The property is currently zoned Community Facility (CF). It is designated Medium-High on the City's Future Land Use Map. A City-owned parking lot and marina is a permitted use in the CF zoning district.

The site undertook major repairs in 1998 and 2003. In 1998, the two boat ramps were re-graded, resurfaced and retrofitted with guard rails. The seawalls were last inspected and subsequently repaired in 2002-2003. As such, the condition of the channel and existing seawall does not require any repairs or dredging to be performed in conjunction with this project.

The City first proposed the lot to be redesigned in January 2003. The City prepared two conceptual designs for potential site layouts that would highlight the multi-use characteristics of the property. The project was placed on hold due to funding issues at the time. The proposed design included the following items:

- New concrete floating docks for Police use
- New fish cleaning table and shelter
- New picnic area and shelter
- Utility pedestals by new concrete floating docks
- New concrete curbing along parking spaces on the north end of the lot
- Various landscape upgrades
- New parallel parking spaces along se 15th street

The original 2003 plan did not include accessibility improvements to the existing restroom. However, in response to the Consent Decree resulting from the United States District Court, Southern District of Florida, Case No. 0261126-CIV-ZILOCK/SNOW, the City was required to modify this public parking facility for compliance with the Americans with Disabilities Act (A.D.A.) requirements. The Consent Decree outlined the need to relocate the existing disabled parking space to an area that would provide a flat, level surface. Only one (1) disabled parking space with proper size, dimensions and signage was required for this parking facility. The Consent Decree also required the need to ensure that renovations to this parking lot would remove existing barriers along the exterior routes that blocked disabled access at elevations to raised walkways. The existing public telephones needed to either be removed or relocated to an accessible route and provided sufficient clear ground space for wheelchair maneuvering. Finally,

the Decree required the need to make alterations to the existing restrooms to provide full accessibility.

The proposed design addresses all requirements outlined in the Consent Decree. The design provides two (2) disabled parking spaces adjacent to an accessible path connecting an exterior route with a new restroom building and picnic area. The lot will be re-graded as to ensure proper slopes for the accessible path as well as proper drainage. The new restroom will be fully compliant and will include accessible entrances, necessary signage, wheelchair accessible toilet stalls, sinks and urinal and accessible dispensers and amenities. Two of the four picnic tables will be wheelchair accessible. The fish cleaning station shall have clear ground space for wheelchair maneuvering. The public telephone will be removed. All these upgrades constitute changes to more than 50% of the property. As such, the City Unified Land Development Code requires the entire lot to be brought up to code compliance. Overall, the new layout for the SE 15th Street Boat Launch includes not only bringing the complex into compliance with the A.D.A. Consent Decree, but it will also include new public restrooms, new police boat docks, expansion of parking areas, drainage, landscaping and lighting improvements, and undergrounding of electrical utility lines.

There are two new structures within the property: the restroom & fish cleaning station building and the picnic area shelter. The picnic shelter will cover a 514 SF leveled and paved area. The perimeter of this area shall include a one (1) FT wall to safeguard against the change in elevation to the sidewalk along the seawall. The second structure shall have an overall footprint of 355 SF. The restroom area will be 110 SF in area while the remainder shall serve as shelter to the accessible path from the parking space to the picnic area and the fish cleaning table.

The proposed parking lot will offer 60 parking spaces for vehicles with boat trailers as well as 16 standard size spaces for public use, two (2) of them being A.D.A. accessible. 11 of the new spaces will be parallel parking spots along the ROW. The number of parking spaces for police use only has been reduced to eight (8). This new number was provided by the Chief Police Officer at the Marine Unit Department. The Police parking spaces are now within the secure, gate enclosed area.

Our original intent was to design solar powered lighting for the parking lot and ramp areas. As an energy efficient scenario, we integrated to our site plan LED fixtures powered by solar panels and batteries. These fixtures were 60 watt LED light fixtures mounted inside the "cobra head" light fixture. Unfortunately, this technology proved to be inefficient for parking lot area lighting. Our photometrics effort stopped after 44 poles and 56 solar fixtures were proposed for the parking area and the City's lighting code requirements could not be met. Existing site constraints, such as landscape requirements and space availability, would have impeded the installation of this large number of poles. For comparison purposes, 'conventional' lighting fixtures required the use of 21 poles and 21 fixtures to meet the City's lighting code. The conventional fixture in this case was a standard cut off type "shoe box" style parking lot fixtures with 400 watt Metal Halide (white light) mounted on a standard metal pole.

The City has expressed their desire to integrate energy efficient lighting in hopes of securing FBIP grant monies and ensuring funding for this project. After researching several products, we selected a non-solar powered LED fixture. This fixture comes closer to putting out more light on the parking lot pavement - unfortunately, because

LED fixtures typically do not spread light as far as conventional HPS or Metal Halide fixtures we cannot meet the lighting security code. We are therefore requesting relief from this section of the code.

Landscaping will be completely revamped. Even though we are requesting relief from certain sections of the code, we are greatly improving the landscaped areas in relation to how they look now. Presently there are 19,878 Square Feet (SF) of landscape area, including the swale along SE 15th Street. By code, 17,894 SF would suffice in complying with the 20% minimum area of the Vehicular Use Area (VUA) requirement. We are proposing 21,700 SF of green area. Since the vehicles serviced by this parking lot require significant space for maneuvering, we could not place as many internal islands as we would have preferred to do. This is the reason why we requested relief. With regards to tree count, there are 31 trees on site. 14 are to remain in place, 14 will be relocated within the lot and 3 will be disposed of due to the poor condition they are in. Every effort has been made to minimize the removal and disposal of trees. The proposed design includes a total of 64 trees, consisting of 28 trees either remaining in place or replanted elsewhere within the lot, and 36 new tree plantings. Since all of the site landscape is concentrated along the perimeter of the property, there is limited space as to the number of trees allowed to be planted. Code requires that for a site such as this one, 83 trees should be planted. Relief is being sought for this requirement.

The code requires the construction of a 5 foot decorative wall along the western property line. In collaboration with the adjoining residents, we have specified that the wall will be decorative on both sides and will be fully landscaped in front of it within the parking lot.

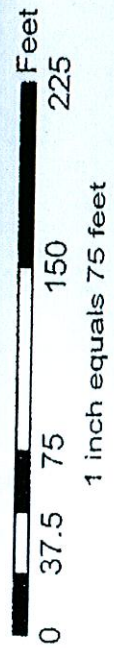
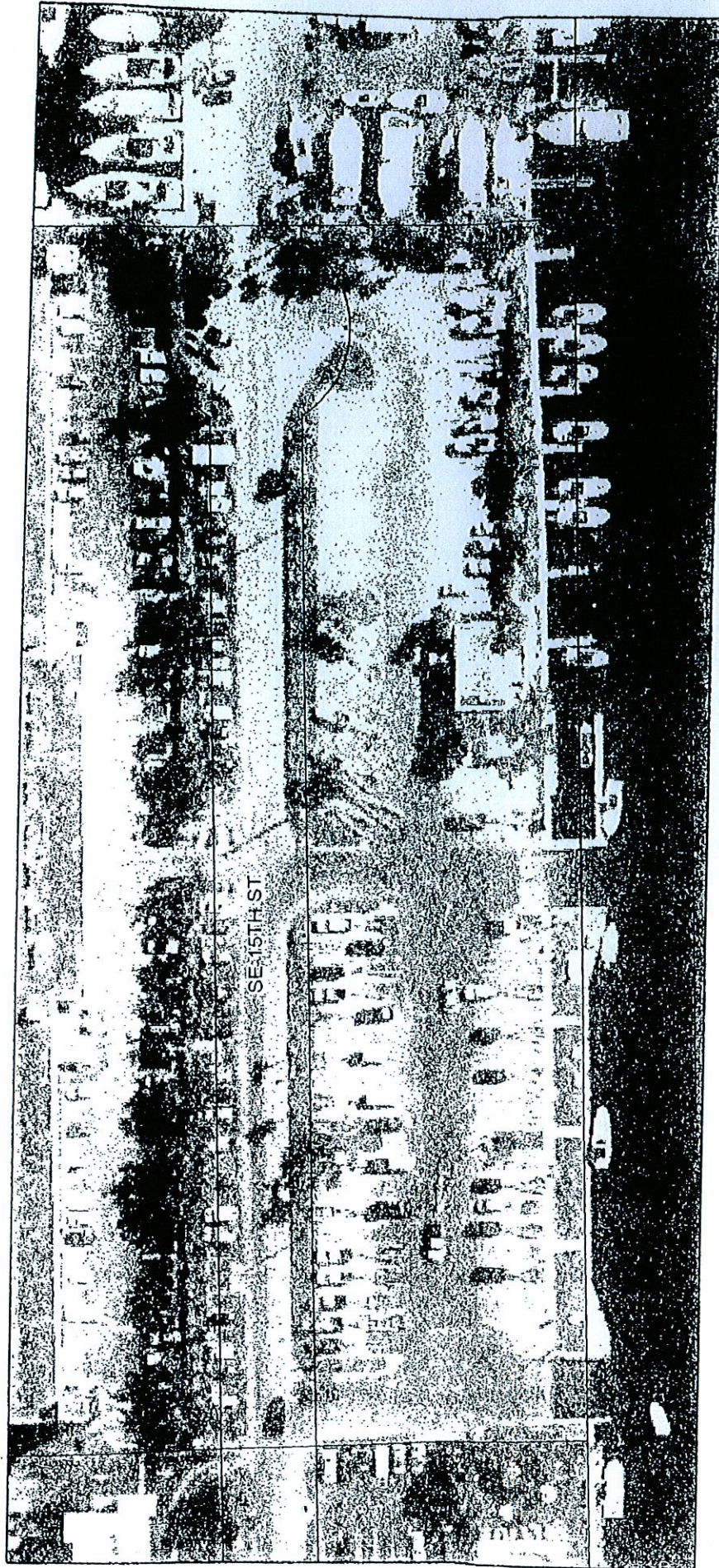
Overall, the team comprised of all City Departments involved agreed that this was a good opportunity to focus on sustainable design. Although all design elements may still be cost prohibitive to pursue, we identified several 'green' alternatives. We hope we may serve as an example to future developers who want to do work within Fort Lauderdale City Limits. Some of the measures for introducing sustainable means and methods are as follows,

- Remove fish cleaning station. Currently the drain for the fish cleaning table discharges directly into the canal. That outfall will be capped.
- Drainage upgrades. Improved grades will allow rain runoff to be directed in the appropriate collection system. For example, runoff will head towards the center of the driveway where drainage inlets collect and distribute the water through underground exfiltration trenches. This system allows the water to filter through and ensure that the water entering the groundwater system is clean. Other areas of the lot will be allowed to drain directly into the landscape areas.
- PhotoVoltaic Panels will provide the power to feed to the restroom and the lighting at the picnic shelter and new fish cleaning station area.
- Xeriscaping the landscaping areas. Water conservation from reducing the irrigation needs through xeriscaping is accomplished by selecting the appropriate plants (natives and salt-tolerant) and appropriate maintenance.
- Use of Recycled Materials. Examples:
 - Recycled plastic wheelchair accessible picnic table
 - Recycled plastic trash receptacle


- All-Metal Recycled Shelters Structure made from high strength recycled aluminum alloys
- Recycled rubber wheel stops
- Decorative Tiles for the restroom made from recycled materials

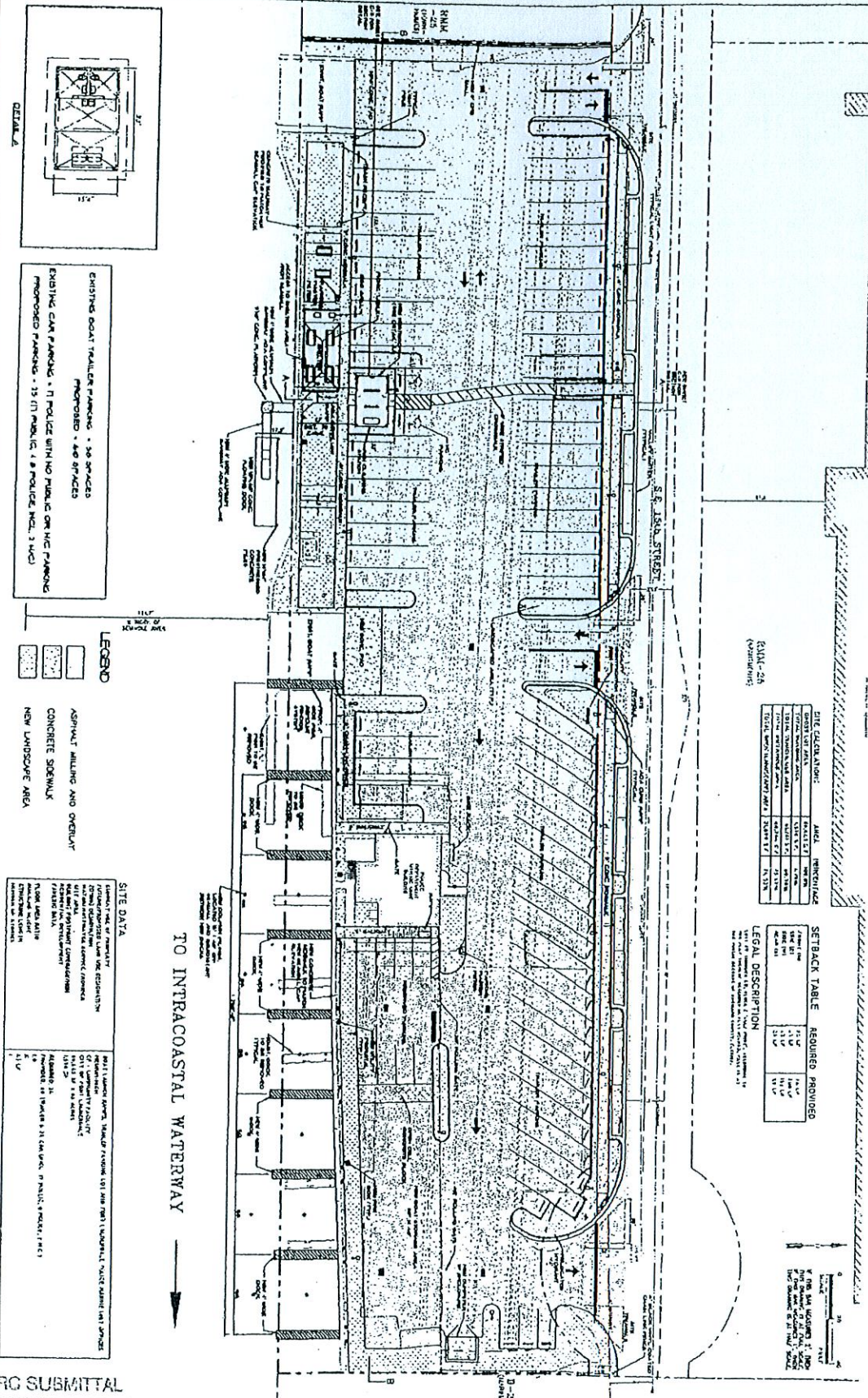


15th Street Boat Launch & Marine Complex Aerial Map



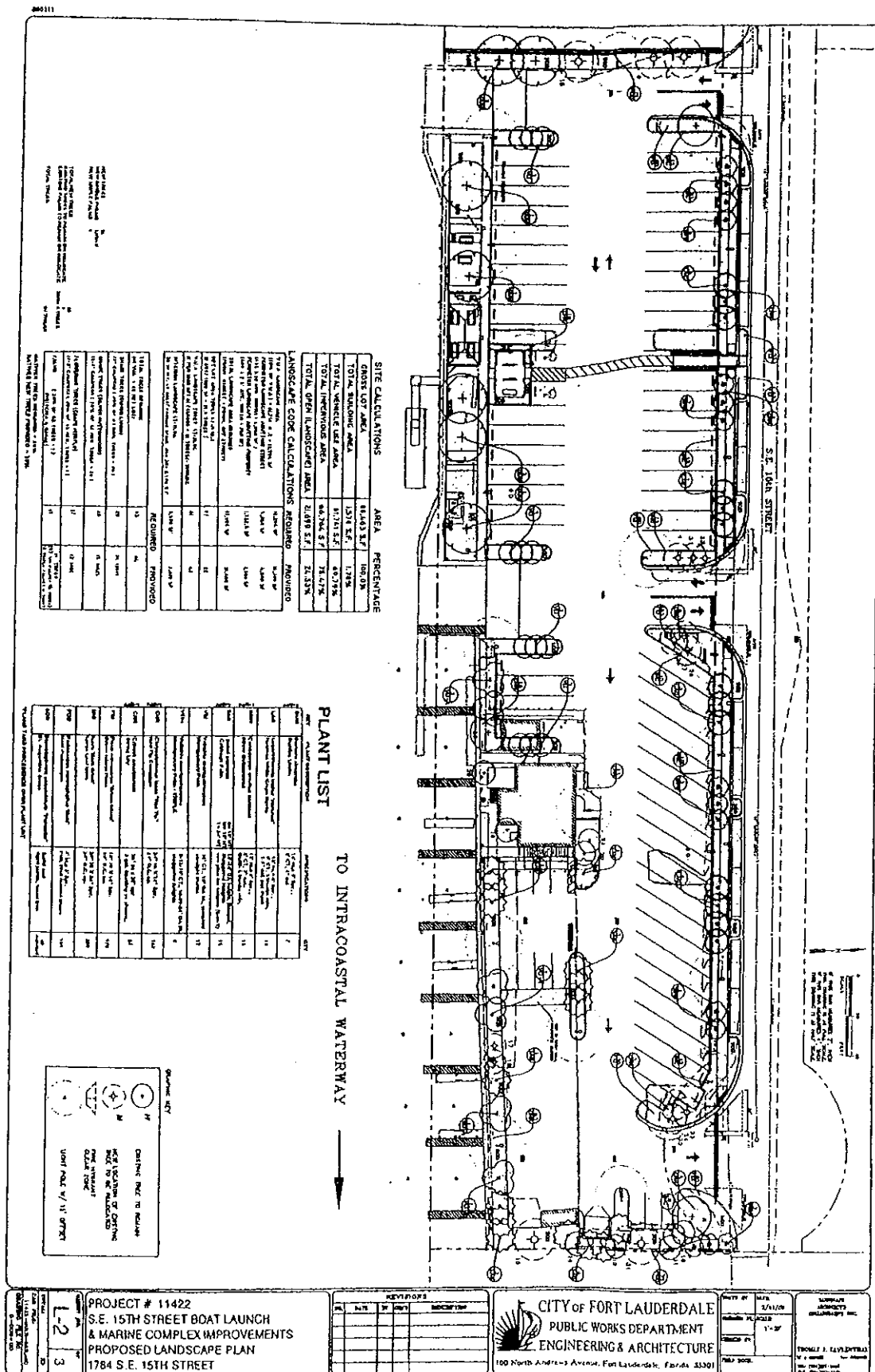
Legend

 Property Lines



DRC SUBMITTAL

PROJECT # 11422 S.E. 15TH STREET BOAT LAUNCH & MARINE COMPLEX IMPROVEMENTS SITE PLAN 1784 S.E. 15TH STREET		REVISIONS <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY	DESCRIPTION					CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING & ARCHITECTURE 100 North Andrews Avenue, Fort Lauderdale, Florida 33304	CLUTY PR. DATE: 1/1/80 SCALE: 1" = 100' BY: [Signature] CHECKED BY: [Signature]
NO.	DATE	BY	DESCRIPTION									





CITY OF
FORT LAUDERDALE

ATTORNEY'S CERTIFICATION OF TITLE

OFFICE OF THE CITY ATTORNEY
CITY OF FORT LAUDERDALE
100 North Andrews Avenue
Fort Lauderdale, Florida 33301

TO WHOM IT MAY CONCERN:

I, Robert B. Dunckel, am an Assistant City Attorney for the City of Fort Lauderdale, Florida. I hereby state that I have examined a copy of the two (2) deeds by which the City of Fort Lauderdale acquires title to the following described Property:

Lots 29 - 40, inclusive, Block 2, GULF POINT, according to the Plat thereof, recorded in Plat Book 53, Page 15 of the Public Records of Broward County, Florida,

Attached hereto as Exhibit "A" is a copy of the Quit Claim Deed executed July 20, 1960, recorded December 17, 1960 at Official Records Book 2078, Page 188 of the Public Records of Broward County, Florida, from Gulf Oil Corporation to City of Fort Lauderdale conveying the following described property, situate, lying and being in Broward County, Florida:

Lots 29 - 34, inclusive, Block 2, GULF POINT, according to the Plat thereof, recorded in Plat Book 53, Page 15 of the Public Records of Broward County, Florida,

Attached hereto as Exhibit "B" is a copy of the Warranty Deed, dated June 12, 1973, recorded June 15, 1973 at Official Records Book 5325, Page 696 of the Public Records of Broward County, Florida, from Lewis E. Lyle and Betty M. Lyle, his wife to the City of Fort Lauderdale conveying the following described property, located, situate and being in Broward County, Florida:

Lots 35 - 40, inclusive, Block 2, GULF POINT, according to the Plat thereof, recorded in Plat Book 53, Page 15 of the Public Records of Broward County, Florida,

I have also examined public records on file with the Broward County Office of Property Appraiser showing that the above-described property is listed on the tax rolls as belonging to the City of Fort Lauderdale.

I have also examined title reports from Attorneys' Title Information data system reflecting that title to this property is still vested in the City of Fort Lauderdale.

OFFICE OF THE CITY ATTORNEY
100 N. ANDREWS AVENUE, FORT LAUDERDALE, FLORIDA 33301
TELEPHONE: (954) 828-5940, FAX (954) 828-5915
www.ci.fort-lauderdale.fl.us

EQUAL OPPORTUNITY EMPLOYER

PRINTED ON RECYCLED PAPER




Attorney's Certification of Title / S.E 15th Street Boat Ramps
March 26, 2003
Page 2

This property is now commonly known as "Southeast 15th Street Boat Ramps."

I hereby certify that the City of Fort Lauderdale does in fact own this property since the date of the conveyance as referenced in Exhibit "A" and Exhibit "B" attached hereto.

Very Truly Yours,



ROBERT B. DUNCKEL
Florida Bar No. 246557

L:\REALPROP\TITLECER\SE15BOAT.WPD

60-119188

This Quit-Claim Deed. Executed this 20th day of July, A. D. 1960, by
GULF OIL CORPORATION, a Pennsylvania corporation,
a corporation existing under the laws of Pennsylvania, and having its principal office at

first party, is CITY OF FORT LAUDERDALE, a municipal corporation of Broward County, Florida, whose postoffice address is Fort Lauderdale, Florida,

Witnesseth, That the said first party has paid in consideration of the sum of \$10.00 in hand paid by the said second party the receipt hereunto hereby attested, this hereby certify to have and guarantee unto the said second party forever, all the rights, title, interest, claim and demand which in the County of **Broward** State of **Florida** in and

Lots 29 through 34 inclusive in Block 2 of GULF POINT,
according to the plat thereof, recorded in Plat Book 53, Page
15 of the Public Records of Broward County, Florida;

Subject to taxes for 1960 and subsequent years and all restrictions and limitations of record.

The property herein described shall automatically revert to the grantor herein, or its successors and assigns, if said property is used for the sale or storage of petroleum products at any time within fifteen years from the date of this deed. After expiration of said fifteen year period this reverter shall automatically terminate.

To Have and to Hold the same together with all and singular the appurtenances therunto in anywise belonging to its corporate representatives, and all the profits, right, title, interest, law, equity and claim whatsoever of the said first party, either in law or equity, to the only proper use, benefit and behoof of the said second party forever.

(OSTROGORA 12 JULY)

The defendant, [redacted] the said first party has caused three persons to be arrested by his means and his company and to be unlawfully detained by the proper officers throughout duty authorized, the day and year first above written.

ATTEST:

Signature and delivered to the presence of:

GULF OIL CORPORATION

STATE OF PENNSYLVANIA
COUNTY OF ALLEGANY

I, FRANCIS C. CROFT do hereby certify that the above is a true and correct copy of the original as the same appears in the records of the Board of Directors of the United States National Bank at San Francisco, California.
 Witness my hand and the seal of said Board this 10th day of January, 1914.
 T. L. LEWIS Secretary

well known to me as to the Vice-President and Assistant Secretary

[illegible]

NOTED & OFFICIAL, PROCEEDS BANK
OF EMINENT SOCIETY, FORTNA
FRANK H. BLANKS
CLERK OF CIRCUIT COURT.

Francis A. Kutz, Notary Public
My Commission Expires 12-31-2011

My commission expires:

EXHIBIT "A"

This Warranty Deed Made the

day of

A. D. 1973 by

LEWIS E. LYLE and BETTY M. LYLE, his wife,

hereinafter called the grantor, to CITY OF FORT LAUDERDALE, a municipal corporation existing under the laws of the State of Florida, with its permanent post-office address at City Hall, Fort Lauderdale, Florida, hereinafter called the grantee;

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of said parties, and the successors and assigns of said parties)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, alien, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Broward County, Florida, viz:

Lots 35 through 40 inclusive, together with any improvements and/or structures thereon, Block 2 of "GULF POINT," according to the plat thereof recorded in Plat Book 53, Page 15, of the public records of Broward County, Florida.

This deed is given subject to restrictions, reservations, limitations of record and taxes for the year of 1973.

Together with all the tenements, hereditaments, and appurtenances thereto belonging or in any-wise appertaining.

To Have and to Hold the same in fee simple forever.

THE GRANTOR HEREBY COVENANTS with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons; and that said land is free of all encumbrances, except taxes for the current year.

In Witness Whereof, the said grantor has hereunto set his hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

LEWIS E. LYLE L.S.
BETTY M. LYLE L.S.

STATE OF FLORIDA
COUNTY OF BROWARD

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared

LEWIS E. LYLE and BETTY M. LYLE, his wife, to me known to be the persons described in and who executed the foregoing instrument and they acknowledged before me that they executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this
A. D. 1973.

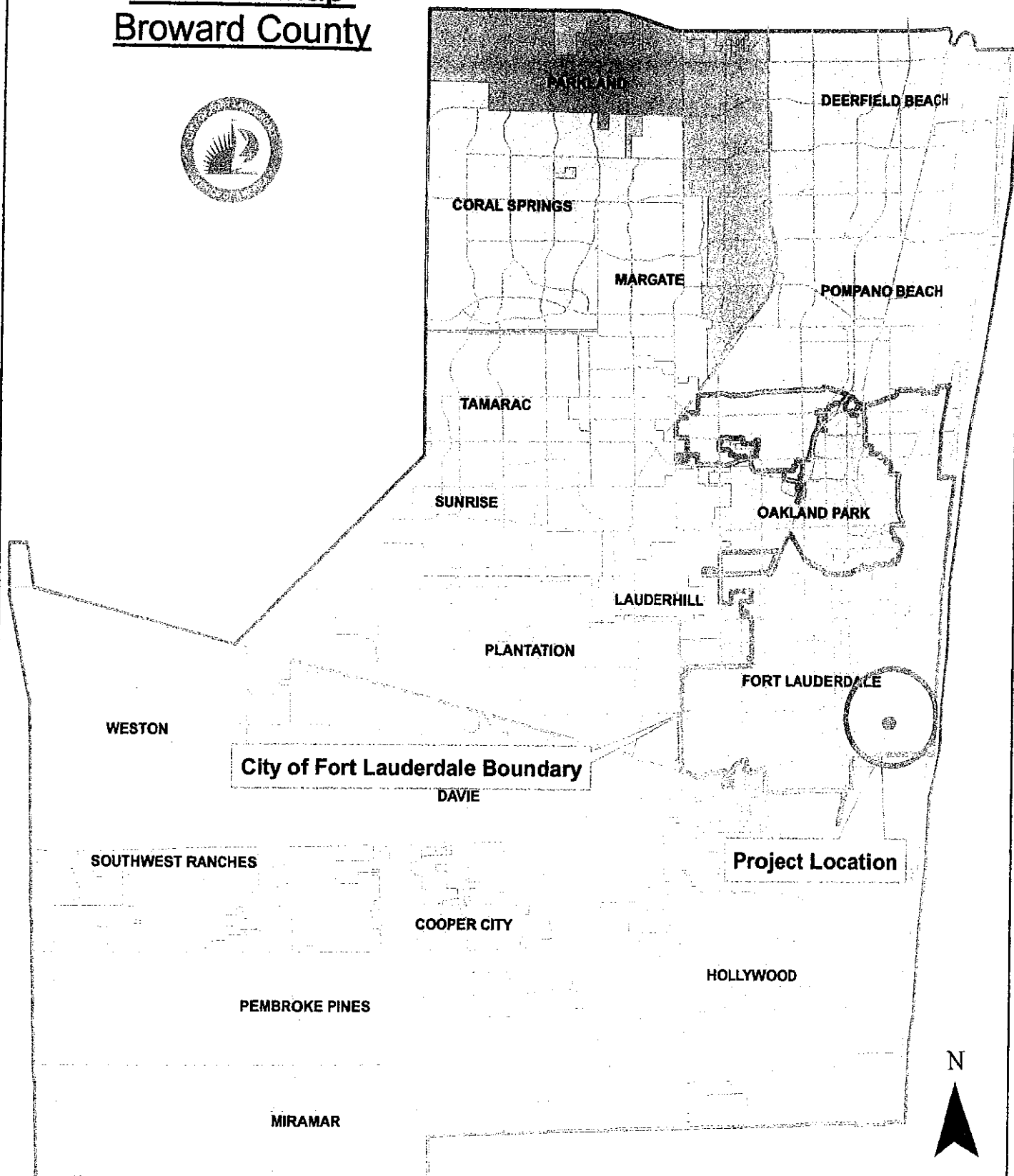
day of

Return to:

CITY ATTORNEY
P.O. Box 1181
Fort Lauderdale, Florida

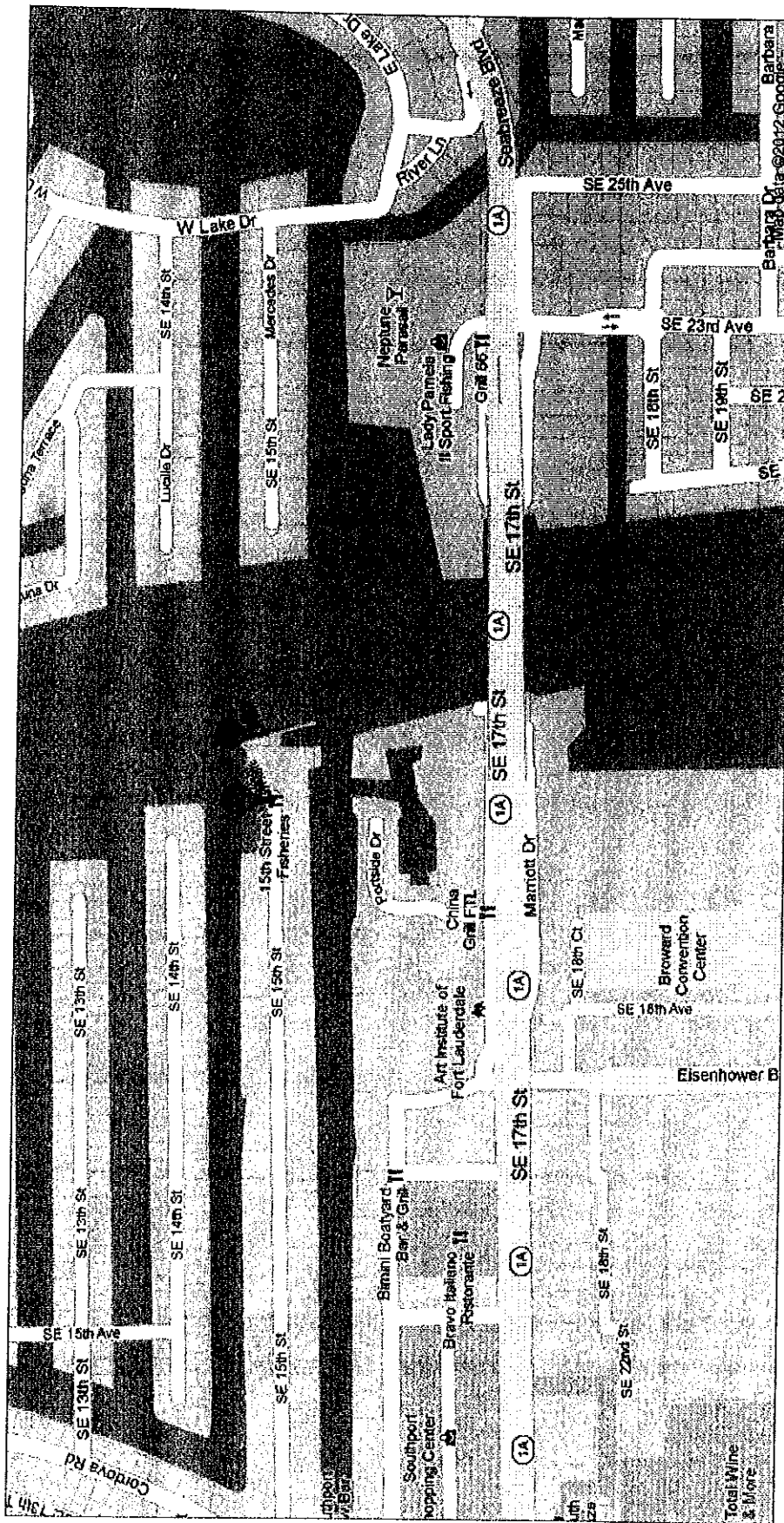
City of Fort Lauderdale
EXHIBIT "B"

**15th Street Boat Launch
& Marine Complex
Location Map
Broward County**



Google

To see all the details that are visible on the screen, use the "Print" link next to the map.





DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
4400 PGA BOULEVARD, SUITE 500
PALM BEACH GARDENS, FLORIDA 33410

REPLY TO
ATTENTION OF

SEP 21 2009

Palm Beach Gardens Section
SAJ-2009-02298 (NW-MJW)

City of Fort Lauderdale
c/o Antionette Butler
2900 NE 3rd Ave
Ft. Lauderdale, FL 33301

Dear Ms. Butler:

Your application for a Department of the Army permit received on September 16, 2009, has been assigned number SAJ-2009-02298(NW-MJW). A review of the information and drawings provided shows the proposed work is to replace six (6) fixed concrete piers with six (6) floating dock piers with the limits of an existing marina. The project is located in the canal adjacent to the Fort Lauderdale Marine Unit Building, 1784 SE 15th Ave, Fort Lauderdale, (Section 14, Township 50S, Range 42E), Broward County, Florida. Latitude: 26°06'11.66" N, Longitude: 80°07'21.02"W.

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) Number 28. In addition, project specific conditions have been enclosed. This verification is valid for two years from the date of this letter. Please access the U.S. Army Corps of Engineers' (Corps) Jacksonville District's Regulatory webpage to access web links to view the Final Nationwide Permits, Federal Register Vol. 72, dated March 12, 2007, the Corrections to the Final Nationwide Permits, Federal Register 72, May 8, 2007, and the List of Regional Conditions. The website address is as follows:

<http://www.saj.usace.army.mil/Divisions/Regulatory/sourcebook.htm>.

Once there you will need to click on "Nationwide Permits." These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 28. Additionally, enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject to enforcement action. In

the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following special conditions are included with this verification:

1. Within 60 days of completion of the work authorized, the attached "Self-Certification Statement of Compliance" must be completed and submitted to the U.S. Army Corps of Engineers. Mail the completed form to the Regulatory Division, Enforcement Section, Attn: Cameron Shaw Post Office Box 4970, Jacksonville, Florida 32232-0019.

2. The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

3. No structure or work shall adversely affect or disturb properties listed in the National Register of Historic Places or those eligible for inclusion in the National Register. Prior to the start of work, the Permittee or other party on the Permittee's behalf, shall conduct a search in the National Register Information System (NRIS). Information can be found at; <http://www.cr.nps.gov/nr/research/nris.htm>. Information on properties eligible for inclusion in the National Register can be identified by contacting the Florida Master File Office by email at fmsfile@dos.state.fl.us or by telephone at 850-245-6440.

If unexpected cultural resources are encountered at any time within the project area that was not the subject of a previous cultural resource assessment survey, work should cease in the immediate vicinity of such discoveries. The permittee, or other party, should notify the SHPO immediately, as well as the appropriate Army Corps of Engineers office. After such notifications, project activities should not resume without verbal and/or written authorization from the SHPO.

If unmarked human remains are encountered, all work shall stop immediately, and the proper authorities notified in accordance with Section 872.05, Florida Statutes, unless on Federal lands. After such notifications, project activities on non-Federal lands shall not resume without verbal and/or written authorization from the Florida State Archaeologist for finds under his or her jurisdiction.

4. **Manatee Conditions:** The Permittee shall comply with the "Standard Manatee Conditions for In-Water Work - July 2005" provided in Attachment of this permit.

5. **Sea Turtle and Smalltooth Sawfish Conditions:** The Permittee shall comply with National Marine Fisheries Service's "Sea Turtle and Smalltooth Sawfish Construction Conditions" dated March 23, 2006 and provided in Attachment of this permit.

6. **Turbidity Barriers:** Prior to the initiation of any of the work authorized by this permit the Permittee shall install floating turbidity barriers with weighted skirts that extend to within 1 foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained until the authorized work has been completed and all erodible materials have been stabilized.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. In Florida, projects qualifying for this NWP must be authorized under Part IV of Chapter 373 by the Department of Environmental Protection, a water management district under §. 373.069, F.S., or a local government with delegated authority under §. 373.441, F.S., and receive Water Quality Certification (WQC) and Coastal Zone Consistency Concurrence (CZCC) (or a waiver), as well as any authorizations required by the State for the use of sovereign submerged lands. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

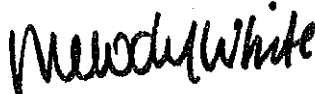
This letter does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your

site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact Melody J White by telephone at 561-472-3508.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit the following link and complete our automated Customer Service Survey: <http://per2.nwp.usace.army.mil/survey.html>. Your input is appreciated - favorable or otherwise.

Sincerely,



Melody J White
Project Manager

Enclosures

Copies Furnished:

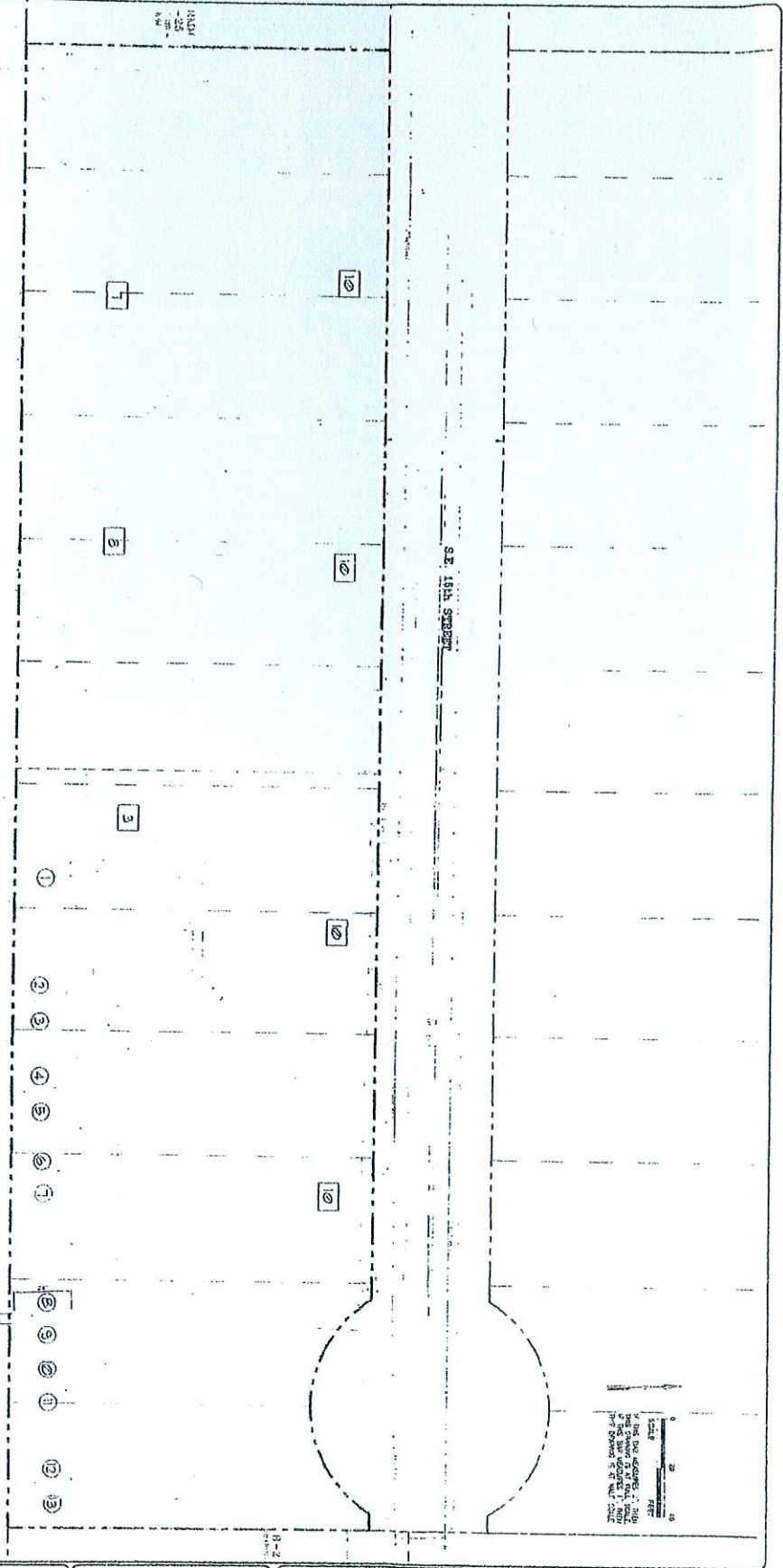
Chen and Associates
c/o Talia Garcia
500 West Cypress Creek Road
#410
Fort Lauderdale, FL 33309

CESAJ-RD-PE

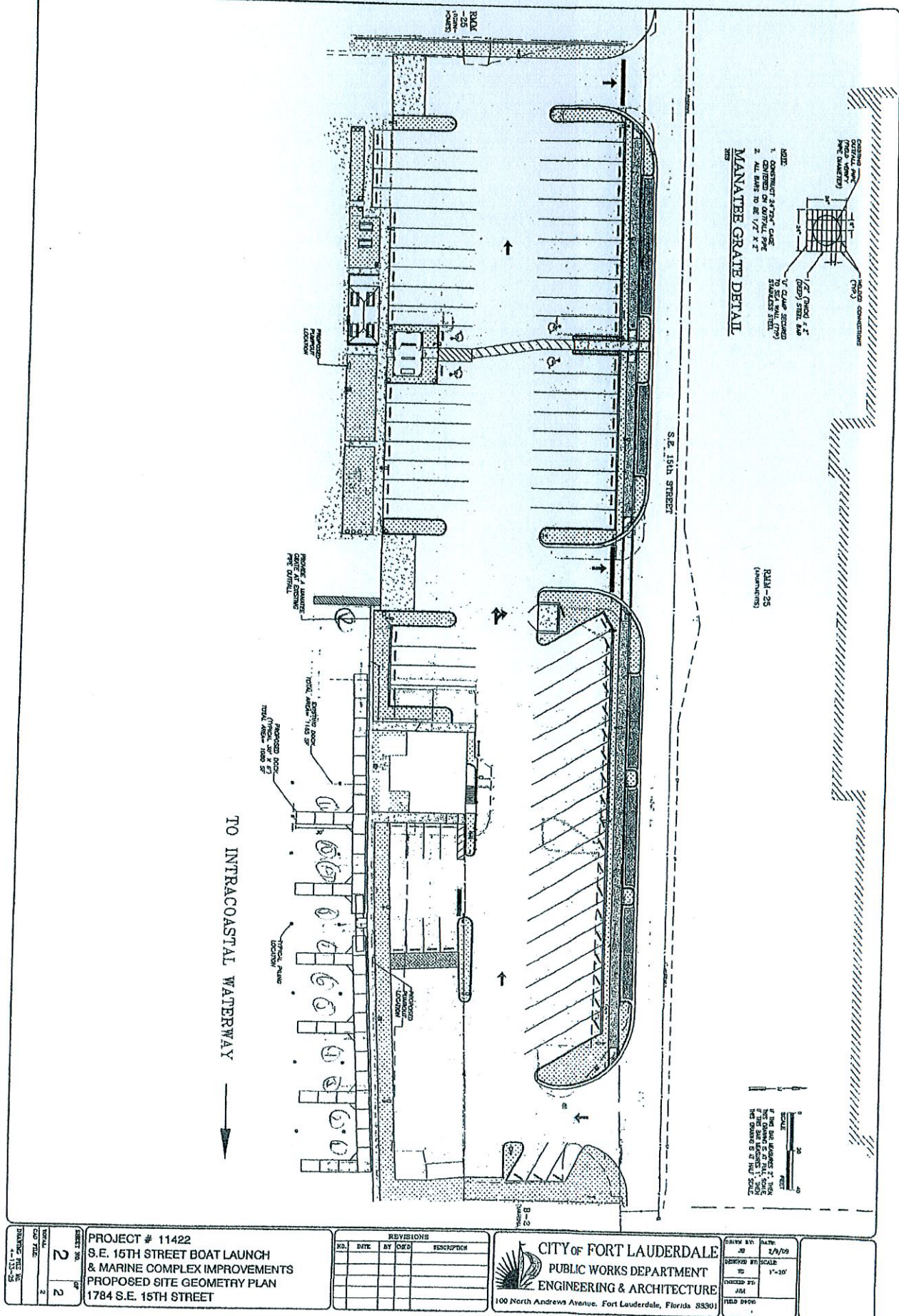
EXISTING

TO INTRACOASTAL WATERWAY

EXISTING
BOAT LAUNCH



PROJECT # 11422 S.E. 15TH STREET BOAT LAUNCH & MARINE COMPLEX IMPROVEMENTS EXISTING CONDITIONS 1784 S.E. 15TH STREET		<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION																					CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING & ARCHITECTURE 100 North Andrews Avenue Fort Lauderdale, Florida 33301	<table border="1"> <tr> <td> DESIGNED BY J.B. DESIGNED BY T.C. DESIGNED BY A.H. </td> <td> DATE 2/4/93 SCALE 1"=20' FILE # 1322 </td> </tr> </table>	DESIGNED BY J.B. DESIGNED BY T.C. DESIGNED BY A.H.	DATE 2/4/93 SCALE 1"=20' FILE # 1322	<table border="1"> <tr> <td> APPROVED TALLA CARRILLO, P.E. P.E. #23, 420 E. 4200 S.W. </td> <td> DATE 2/4/93 FILE # 1322 </td> </tr> </table>	APPROVED TALLA CARRILLO, P.E. P.E. #23, 420 E. 4200 S.W.	DATE 2/4/93 FILE # 1322
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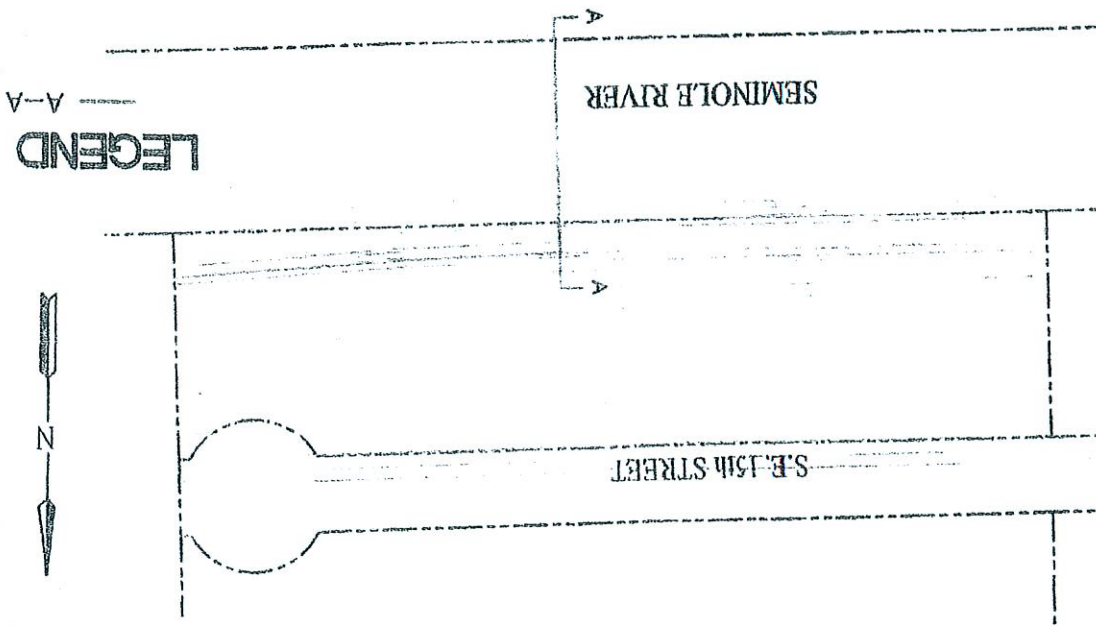
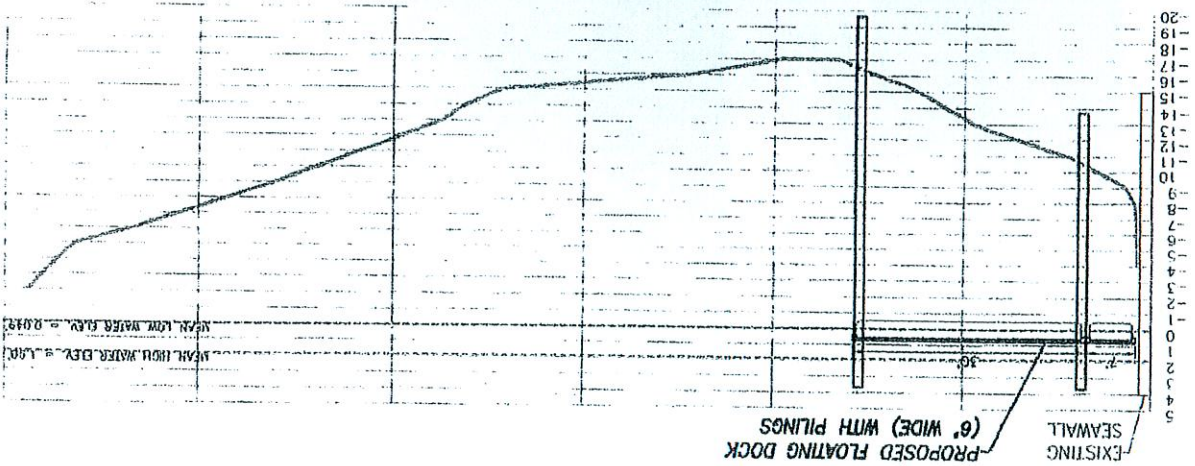
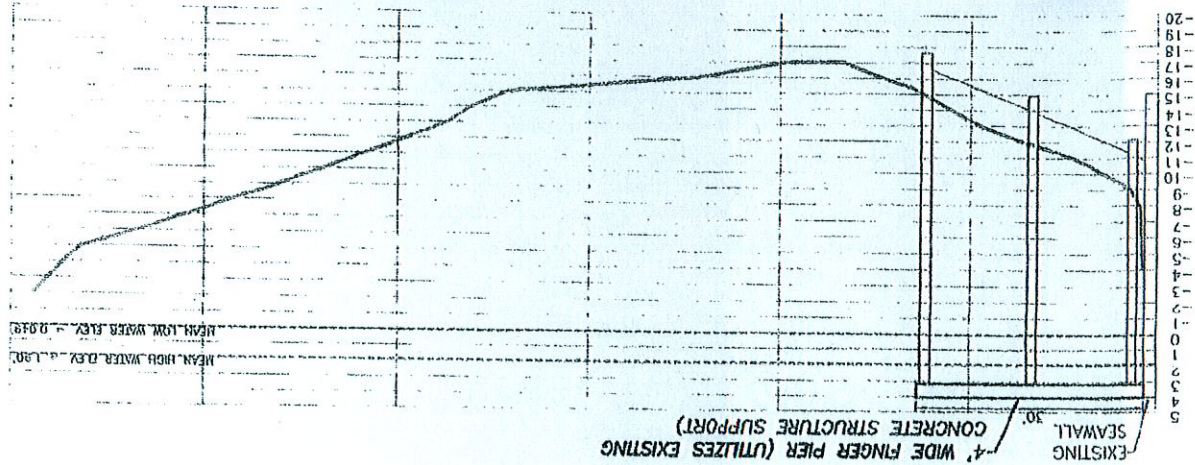


Bathymetry of Seminole River
15th Street Boat Launch &
Marine Complex

CANAL SURFACE/DOCK PROFILE

CHEN & ASSOCIATES
Civil and Environmental Engineers

500 W. Cypress Creek Drive, Suite 410
Ft. Lauderdale, Florida 33309



STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2009

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the FWC Hotline at 1-888-404-FWCC. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida.
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Awareness signs that have already been approved for this use by the Florida Fish and Wildlife Conservation Commission (FWC) must be used (see MyFWC.com). One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 1/2" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities.

CAUTION: MANATEE HABITAT

All project vessels

IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work
all in-water activities must

SHUT DOWN

Report any collision with or injury to a manatee:



Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Southeast Regional Office
263 13th Avenue South
St. Petersburg, FL 33701

SEA TURTLE AND SMALLTOOTH SAWFISH CONSTRUCTION CONDITIONS

The permittee shall comply with the following protected species construction conditions:

- a. The permittee shall instruct all personnel associated with the project of the potential presence of these species and the need to avoid collisions with sea turtles and smalltooth sawfish. All construction personnel are responsible for observing water-related activities for the presence of these species.
- b. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing sea turtles or smalltooth sawfish, which are protected under the Endangered Species Act of 1973.
- c. Siltation barriers shall be made of material in which a sea turtle or smalltooth sawfish cannot become entangled, be properly secured, and be regularly monitored to avoid protected species entrapment. Barriers may not block sea turtle or smalltooth sawfish entry to or exit from designated critical habitat without prior agreement from the National Marine Fisheries Service's Protected Resources Division, St. Petersburg, Florida.
- d. All vessels associated with the construction project shall operate at "no wake/idle" speeds at all times while in the construction area and while in water depths where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will preferentially follow deep-water routes (e.g., marked channels) whenever possible.
- e. If a sea turtle or smalltooth sawfish is seen within 100 yards of the active daily construction/dredging operation or vessel movement, all appropriate precautions shall be implemented to ensure its protection. These precautions shall include cessation of operation of any moving equipment closer than 50 feet of a sea turtle or smalltooth sawfish. Operation of any mechanical construction equipment shall cease immediately if a sea turtle or smalltooth sawfish is seen within a 50-ft radius of the equipment. Activities may not resume until the protected species has departed the project area of its own volition.
- f. Any collision with and/or injury to a sea turtle or smalltooth sawfish shall be reported immediately to the National Marine Fisheries Service's Protected Resources Division (727-824-5312) and the local authorized sea turtle stranding/rescue organization.
- g. Any special construction conditions, required of your specific project, outside these general conditions, if applicable, will be addressed in the primary consultation.

Revised: March 23, 2006

O:\forms\Sea Turtle and Smalltooth Sawfish Construction Conditions.doc



GENERAL CONDITIONS

33 CFR PART 320-330

PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on date identified in the letter. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: NW-28

Application Number: SAJ-2009-02298

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.): _____

Acreage or Square Feet of Impacts to Waters of the United States: _____

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations): _____

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: SAJ-2009-02298

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019.

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)

4. No physical connection of new water mains to active mains shall be made until such time that new mains are confirmed to be bacteriologically safe. Temporary connection of new mains to active mains for the purpose of filling and flushing shall be made by a method deemed acceptable by the BCHD.

5. If you object to or desire to contest any conditions of this permit, you are entitled to file for an appropriate petition for administrative hearing. The petition must be filed within fourteen (14) days of the receipt of this permit letter. Further, the petition must conform to the requirements of the Florida Administrative Code Rule 28-5.201 (see sheet 4). The petition must be filed with the Office of Legal Counsel, BCHD, 780 S.W. 24th Street, Fort Lauderdale, Florida 33315. If no petition is filed within the prescribed period of time, you will be deemed to have accepted this permit and waived your right to request an administrative hearing on this matter

6. Expiration of the subject permit is one (1) year from the date of approval. If the water main project work is not completed before the expiration date, or if the project is to be completed in phases extending beyond the expiration date, a written request and \$100.00 fee are to be submitted to the BCHD by the **engineer of record** for extending the permit in one-year increments.

SPECIFIC CONDITIONS:

1. No beneficial use shall be made of the proposed water mains to be installed per this permit without written approval from the BCHD.

2. Provide 4 additional bacteriological sampling points as indicated in red on Sheet No. C2 of the engineering plans.

3. Future water project submittals to this department are to include the following items **on the engineering plans:** Thrust Block/Restrained Pipe Detail and proper formula for determining allowable leakage: $Q = LD \times \text{Square Root of } P / 148,000$ where Q = quantity of makeup water (in gallons per hour), L = length of pipe section being tested (in feet), D = nominal diameter of the pipe (in inches), and P = average test pressure during the hydrostatic test (in pounds per square inch gauge)

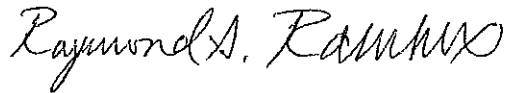
This approval pertains only to the water utilities serving this development and is not to be construed as approval of the wastewater aspects. All concerned are reminded that approval must be obtained for both water and wastewater facilities prior to construction.

By copy of this letter to the owner, we are advising that approval is given to functional aspects of this project on the basis of representations to and data furnished this department. There may be county, municipal or other local regulations or restrictions to be complied with by the owner prior to construction of the facilities represented by the plans referred to above and we, therefore, recommend that appropriate local agencies be consulted before starting construction.

September 10, 2009

Two sets of the approved project plans and documents are enclosed herewith.

Very truly yours,

A handwritten signature in cursive script that reads "Raymond S. Rammo".

Raymond Rammo, P.E.
Director of Environmental Engineering

RR/yw

Enclosures

cc: City of Ft. Lauderdale Engineering Department
City of Ft. Lauderdale Utilities Department
✓ City of Ft. Lauderdale Building Department
Talía Garcia, P.E., Project Manager
Chen and Associates
500 West Cypress Creek Road, Suite 410
Ft. Lauderdale, FL 33301

MODEL RULES OF PROCEDURES
CHAPTER 28-5
DECISION DETERMINING SUBSTANTIAL INTEREST

PART II
FORMAL PROCEEDINGS

28-5.201 Initiation of Formal Proceeding.

(1) Initiation of formal proceedings shall be made by petition to the agency responsible for rendering final agency action. The term petition as used herein includes any application or other document which expresses a request for formal proceedings. Each petition should be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be double-spaced and indented.

(2) All petitions filed under these rules should contain:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name and address of the petitioner or petitioners, and an explanation of how his/her substantial interest will be affected by the agency determination;

(c) A statement of when and how petitioner received notice of the agency or intent to render a decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A demand for relief to which the petitioner deems himself entitled; and

(g) Other information which the petitioner contends is material.

A petition may be denied if the petitioner does not state adequately a material factual allegation, such as a substantial interest in the agency determination, or if the petition is untimely. (Section 28-5.201(3)(a), F.A.C.)

BR WARD

PLANTATION

Environmental Protection and Growth Management Department
DEVELOPMENT AND ENVIRONMENTAL REGULATION DIVISION
One N. University Drive, Suite 201, Plantation, Florida 33324 • 954-519-1483 • FAX 954-519-1412

**LICENSE FOR INSTALLATION OF WASTEWATER
COLLECTION/TRANSMISSION SYSTEM**

APPLICANT:
City of Fort Lauderdale
Attention: Ms. Antoinette Butler, Project Manager
100 N Andrews Ave
Fort Lauderdale, FL 33301

BC-EPD LICENSE NO.: WW-61374
EXPIRATION DATE: 09/23/2014
DEP ID NO.: GTL #054569-462
SEC-TWP-RNG: 14-50-42
PROJECT: SE 15th Street Boat Launch and Marine
Complex

This license is issued under the provisions of Chapter 27 of the Broward County Code of ordinances. The above named-applicant, hereinafter called licensee, is hereby authorized to perform the work shown on the approved drawing(s), plans, documents, and specifications submitted by applicant and made a part hereof and described specifically below. If no objection to this license is received within 14 days you will be deemed to have accepted it and all the attached terms and conditions.

Your notification of Intent to Use General Permit for construction of the referenced wastewater collection system has been evaluated. This project complies with the Department of Environment Protection General Permit conditions of the Florida Administrative Code rule chapters 62-4, Part II., or for Individual Permit, under FS 403.87 and FAC 62-4, 62-600 and 62-604.

GRAVITY SEWER: No Gravity Mains (1 Manhole)
FORCE MAIN: 312 LF of 4" PVC FM
LIFT STATION: 2 Pumpout Units (KECO Model 175): 18 in. Hg/25 GPM @ 30' TDH
SUBJECT TO SPECIFIC CONDITIONS # 1 through # 7.

NOTE: See Addendum to General Permit for State Requirements

In accordance with: Plans, Sheets C-1 thru C-6 of 6 (Received 09/10/2009). None Attached.
Chen and Associates. Drawing File #: 4-133-25.

Located at: 1784 SE 15TH ST, Fort Lauderdale 33316

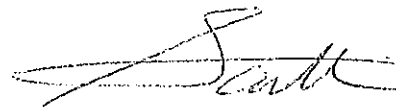
Serving: 2 Restrooms Servicing 15 Boat Slips.

Issued this 24th day of September, 2009.

Environmental Protection Department

Prepared by Yvel Rocher

cc: FDEP/WPB
DMD Front Desk
Dennis Grisgen, P.E., Land Dev. Mgr., City of Fort
Lauderdale-G T Lohmeyer WWTP
Peter M. Moore, P.E./Chen and Associates



Garth Hinckle, Jr., P.E., Supervisor
Domestic Wastewater Program

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth herein are accepted by the licensee and enforceable by the EPD pursuant to Chapter 27 of the Broward County Code of Ordinances. The EPD will review this license periodically and may revoke the license, initiate administrative and/or judicial action for any violation of the conditions by the licensee, its agents, employees, servants or representatives.
2. This license is valid only for the specific uses set forth in the license application and any deviation from the approved uses may constitute grounds for revocation and enforcement action by the EPD.
3. In the event the Licensee is temporarily unable to comply with any of the conditions of the license, the licensee shall notify the Broward County Environmental Protection Department within 8 hours. Within 3 working days of the event, the licensee shall submit a written report to the Broward County Environmental Protection Department that describes the incident, its cause, the measures being taken to correct the problem and prevent its reoccurrence, the owner's intention toward repair, replacement, and reconstruction of destroyed facilities, and a schedule of events leading toward operation within the license condition.
4. The issuance of this license does not convey any vested rights or exclusive privileges, nor does it authorize any injury to public or private property or any invasion of personal rights, or any violations of federal, state or local laws or regulations.
5. This license must be available for inspection on Licensee's premises during the entire life of the license.
6. By accepting this license, the Licensee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, that are submitted to the EPD, may be used by the EPD as evidence in any enforcement proceeding arising under Chapter 27 of the Broward County Code of Ordinances, except where such use is prohibited by Section 403.111, Florida Statutes.
7. This Licensee agrees to comply with Chapter 27, Broward County Code of Ordinances, as amended.
8. Any new owner of a licensed facility shall apply by letter for a transfer of license within thirty (30) days after sale or legal transfer. The transferor shall remain liable for performance in accordance with the license until the transferee applies for, and is granted a transfer of license. The Transferee shall also be liable for performance in accordance with the license.
9. The licensee, by acceptance of this license, specifically agrees to allow access to the licensed source at reasonable times by EPD personnel for the purposes of inspection and testing to determine compliance with this license and Chapter 27 of the Broward County Code of Ordinances.
10. This license does not constitute a waiver or approval of any other license that may be required for other aspects of the total project.
11. If the Licensee wishes to renew the license or extend its terms, he shall make application 60 days prior to its expiration. Expired licenses are not renewable.
12. In addition to the general conditions set forth above, each license issued by the EPD shall contain specific conditions determined by site conditions and requirements pursuant to the regulations as determined by the Broward County Environmental Protection Department. Licensee agrees that specific conditions are enforceable by the EPD for any violation thereof.

SPECIFIC CONDITIONS:

1. This license is valid for construction of the sewage collection/transmission system only. All connections to the system must be approved by the Broward Environmental Protection Department prior to the issuance of a building permit.
2. Any deviation from approved plans or specifications affecting capacity, flow or operation of units shall be submitted to and approved by the Broward County Environmental Protection Department before such changes are made.
3. The applicant shall be responsible for supplying as-built drawing to the Broward County Environmental Protection Department on completion of the project. Such drawing will be signed and sealed by an engineer registered in the state of Florida and shall be based on accurate records maintained by the engineer or by a land surveyor currently registered in the state of Florida. Such drawing will indicate locations and elevations of all pipe line, manholes, pump stations and appurtenance installed under this project. No connections to the system Will Be Approved until the above Described As-built Drawings Have Been Delivered to and Approved by the Broward County Environmental Protection Department.

APPLICANT:
City of Fort Lauderdale
Attention: Ms. Antoinette Butler, Project Manager
100 N Andrews Ave
Fort Lauderdale, FL 33301

BC-DPEP LICENSE NO.: WW-61374
EXPIRATION DATE: 09/23/2014
DEP ID NO.: GTL #054569-462
SEC-TWP-RNG: 14-50-42
PROJECT: SE 15th Street Boat Launch and Marine
Complex

SPECIFIC CONDITIONS (Continued From Page 2)

4. (Lift Stations) One (1) complete set of the operation & maintenance manual must be submitted along with the required "As-built" record drawings. The minimum manual should be bound in a 3/4-inch, 3 ring binder. Sections of the manual should include: (1) service agreements; (2) pump station specifications and start up report; (3) pump station operation and maintenance plan; (4) monthly reports - inserted monthly; (5) general correspondence and service records - insert as received; and other sections as deemed necessary. The Engineer must distribute the operation & maintenance manuals as prescribed on the DEP Form 62-604.300(3)(b), Part III (1) and (2) under his seal and signature.
5. (Publicly Maintained Lift Station) Signage is required in a conspicuous location at the lift station. It shall indicate the lift station name and an emergency contact phone number(s).
6. NOTE: Future enforcement of violations may be minimized by recording all proper maintenance procedures.
7. An email PDF or a CD file of the As-built Site Plan which clearly displays the contents of the project as well as delineating its boundary shall be submitted to DER at the time of certification.

Addendum to General Permit

STATE REQUIREMENTS FOR USE OF THE GENERAL PERMIT FOR DOMESTIC WASTEWATER COLLECTION/TRANSMISSION SYSTEMS:

1. This general permit is subject to the general permit conditions of Rule 62-4.540, F.A.C., as applicable. This rule is available at the FDEP's Internet site at:
<http://www.dep.state.fl.us/water/wastewater/rules.htm#domestic> [62-4.540, 5-1-03].
2. This general permit does not relieve the permittee of the responsibility for obtaining a dredge and fill permit where it is required. [62-604.600(6)(b)1, 11-6-03]
3. This general permit can not be revised, except to transfer the permit. [62-604.600(6)(b)2, 11-6-03]
4. Upon completion of construction of the collection/transmission system project, and before placing the facilities into operation for any purpose other than testing for leaks or testing equipment operation, the permittee shall submit to the Broward County Environmental Protection and Growth Management Department, Development and Environmental Regulation (BCDER) Form 62-604.300(8)(b), Request for Approval to Place a Domestic Wastewater Collection/Transmission System into Operation. This form is available at the FDEP's Internet site at:
<http://www.dep.state.fl.us/water/wastewater/forms.htm> [62-604.700(2), 11-6-03]
5. The new or modified collection/transmission facilities shall not be placed into service until the BCDER clears the project for use. [62-604.700(3), 11-6-03]
6. Abnormal events shall be reported to the Palm Beach District Office of FDEP in accordance with Rule 62-604.550, F.A.C. For unauthorized spills of wastewater in excess of 1000 gallons per incident, or where information indicates that public health or the environment may be endangered, oral reports shall also be provided to the *STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519* as soon as practical, but no later than 24 hours from the time the permittee or other designee becomes aware of the circumstances. Unauthorized releases or spills less than 1000 gallons per incident are to be reported orally to the Palm Beach District Office of FDEP at (561) 681-6698 within 24 hours from the time the permittee, or other designee becomes aware of the circumstances. [62-604.550, 11-6-03]. *This does not relieve the operator from the requirement of notifying BCDER at (954) 519-1499 (24 hour monitored line) within 8 hours per the Broward County Code.*



Environmental Protection and Growth Management Department
DEVELOPMENT AND ENVIRONMENTAL REGULATION DIVISION
1 North University Drive, Suite 201 • Plantation, FL 33324 • 954-357-6666 • FAX 954-519-1412

RRR# 7006 2760 0004 8968 4205

September 25, 2009

City of Fort Lauderdale
Attn: Ms. Antoinette Butler, Project Manager
100 N Andrews Ave
Fort Lauderdale, FL 33301

Dear Ms. Butler:

This is to notify you of the Environmental Protection and Growth Management Department's Development and Environmental Regulation Division (DER) action concerning your applications received June 11, 2009. The application has been reviewed for an Environmental Resource Permit, Surface Water Management License, and Environmental Resource License.

Florida Department of Environmental Protection (DEP) Environmental Resource Permit – Granted

DER has the authority to review the project for compliance with Part IV of Chapter 373, Florida Statutes (F.S.), and Title 62, Florida Administrative Code (F.A.C.) pursuant to an agreement between the County, DEP, and the South Florida Water Management District. The agreement is outlined in a document entitled "Delegation Agreement among the Florida Department of Environmental Protection, the South Florida Water Management District, and Broward County". Based on the information submitted, Environmental Resource Standard General Permit No. 06-0296264-001 is hereby issued.

Broward County Surface Water Management License Review - Granted

DER has reviewed the project for compliance with the Surface Water Management requirements of Chapter 27, Article V Sec. 27-191 through 27-202 of the Broward County Code. Based on the information submitted, Surface Water Management General License No. GL2009-090 is hereby issued. Please be advised that no Certificate of Occupancy can be issued on this project until released, in writing, by all DER divisions as required. Such release will be pending approval of any engineering certifications required by Specific Condition No. 23.

Broward County Environmental Resource License Review – Granted

DER has reviewed the project for compliance with Aquatic and Wetland Resource Protection Ordinance Sec. 27-331 through 27-341 of the Broward County Code and the Broward County Manatee Protection Plan. Based on the information submitted, Environmental Resource License No. DF09-1072 is hereby issued.

The above named permittee/licensee is hereby authorized to perform the work per the approved drawings(s), plans, documents and specifications as submitted by the permittee/licensee, and made a part hereof. The above referenced approvals will remain in effect subject to the attached FDEP General

Permittee/Licensee: City of Fort Lauderdale/15th Street Boat Launch and Marine Complex
Permit No. 06-0296264-001
SWM General License No. GL2009-090
ERL No. DF09-1072

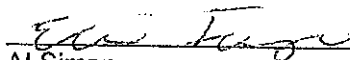
Conditions, Broward County General Conditions, combined FDEP and Broward County Specific Conditions, and attached 9 exhibits.

Should you wish to object to the Agency's action or file a petition regarding the authorizations, please provide written objections, petitions and/or waivers [refer to the attached "Rights of Affected Parties" (ERP authorization) and "Variance and Administrative Review Procedures", Chapter 27 -10 through 27-14 (ERL/SWM authorizations)] to:

Director, Environmental Protection and Growth Management Department
1 North University Drive
Plantation, FL 33324

The "Notice of Rights" addresses the procedures to be followed if you desire a public hearing or review of the Agency's action.

Sincerely,


Al Simon
Division Director

9/25/09
Date

ENC:

1. Environmental Resource Permit/Surface Water Management License/Environmental Resource License
2. Stamped Drawings (5 pages)
3. Standard Manatee Conditions and Exhibits (4 page)
4. 62-343.900 forms (5 pages)
5. Broward County Guidance Document

CC:

1. Jennifer Smith, E.I., Chen & Associates
2. Chief Building Official, City of Fort Lauderdale
3. Sarah Shea, US Army Corps of Engineers (via e-mail)
4. Kellie Youmans, FFWCC (via e-mail)
5. Ryan Goldman, DER (via e-mail)



Environmental Protection and Growth Management Department
DEVELOPMENT AND ENVIRONMENTAL REGULATION DIVISION
1 North University Drive, Room 201 • Plantation, Florida 33324-2020
TEL 954-519-1483 • FAX 954-519-1412

**ENVIRONMENTAL RESOURCE PERMIT and
BROWARD COUNTY SURFACE WATER MANAGEMENT LICENSE and
BROWARD COUNTY ENVIRONMENTAL RESOURCE LICENSE**

PERMITTEE/LICENSEE:

City of Fort Lauderdale
Attn: Ms. Antoinette Butler, Project Manager
100 N Andrews Ave
Fort Lauderdale, FL 33301

ERP Permit Number: 06-0296264-001
Broward County Surface Water Management General License No.: GL2009-090
ERL License Number: DF09-1072

Date of Issue: 9/25/2009

Expiration Date of Construction Phase: 9/25/2014

County: Broward

Project: 15th Street Boat Launch and Marine Complex

This combined permit/license is issued under the authority of Part IV of Chapter 373, F.S., and Title 62, Florida Administrative Code (F.A.C.). The activity is not exempt from the requirement to obtain an Environmental Resource Permit. Pursuant to operating agreements executed between the Department of Environmental Protection (FDEP), the Broward County Development and Environmental Regulation Division (DER) and the South Florida Water Management District, as outlined in a document entitled "Delegation Agreement Among the Florida Department of Environmental Protection, the South Florida Water Management District, and Broward County", DER is responsible for reviewing and taking final agency action on this activity.

This permit/license also constitutes certification compliance with water quality standards under Section 404 of the Clean Water Act, 33 U.S.C. 1344.

A copy of your application was sent to the U.S. Army Corps of Engineers (USACOE) for review. The USACOE may require a separate permit. Failure to obtain this authorization prior to construction could subject you to enforcement action by that agency. You are hereby advised that authorizations also may be required by other federal, state, and local entities. This authorization does not relieve you from the requirements to obtain all other required permits and authorizations.

The above named permittee/licensee is hereby authorized to construct the work shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Broward County and made a part hereof. This permit/license is subject to the limits, conditions, and locations of work shown in the attached drawings, and is also subject to the attached 18 FDEP General Conditions, 13 Broward County DER General Conditions, 45 combined Broward County DER/FDEP Specific Conditions, and drawings 1-5 which are a binding part of this permit/license.

You are advised to read and understand these drawings and conditions prior to commencing the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings. If you are utilizing a contractor, the contractor also should read and understand these drawings and conditions prior to commencing the authorized activities. Failure to comply with all drawings and conditions shall constitute grounds for revocation of the permit/license and appropriate enforcement action.

Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and with the general and specific conditions of this permit/license, as specifically described below.

ACTIVITY LOCATION:

The activity is located at 1784 SE 15 Street on an unnamed canal, Fort Lauderdale, FL 33316 (Section 14, Township 50 South, Range 42 East), in Broward County. Folio # 504214200310

PROJECT SITE DESCRIPTION:

The site is currently developed as a recreational boat launch facility containing 1.55 acres of impervious area and 0.29 acres of pervious area. The site contains 58 trailer spaces and seven (7) finger piers and one (1) marginal dock including 13 wet slips, for a total of 71 slips.

PROPOSED PROJECT DESIGN:

Construct a surface water management system to serve the renovation of the existing boat launch facility. The area will be reconfigured and resurfaced and will consist of 0.04 acres of building area, 1.49 acres of pavement area and 0.31 acres of pervious area. Surface storm water will sheet flow to 0.06 acres of separate swale areas to be constructed for water quality treatment and to meet the water quantity requirements of the Code. The proposed parking area will include an additional two (2) trailer spaces for a total of 60 trailer spaces. The existing in-water docking structures will be reconfigured to include an additional two (2) wet slips for a total of 15 wet slips.

ACTIVITY DESCRIPTION:

Surface Water System Design: Minor reconfiguration of an existing parking area.

Project Area: 0.258 acres Drainage Area: 1.84 acres WSWT Elevation: 2.0' NGVD (BC avg WSWT map)

DISTRICT DRAINAGE BASIN: Coastal

RECEIVING BODY: On-site retention

All activities authorized by this permit/license shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit/license. Any deviation from the permitted/licensed activity and

the conditions for undertaking that activity shall constitute a violation of this permit/license and Part IV, Chapter 373, F.S.

Environmental Review: The proposed project shall include in-water work consisting of the reconfiguration of the existing docking facility. All existing structures shall be removed including seven (7) finger piers and one (1) marginal dock and all associated piles. A 3,549-sq. ft. floating dock system creating 14 slips shall be installed for use by Fort Lauderdale Marine Patrol that shall consist of the following structures:

1. 5' x 6' (30-sq. ft.) landing platform
2. Two (2) 4' x 12' (48-sq. ft. each) gangways
3. Two (2) 8' 0.5" x 123' 3.5" (991.5-sq. ft. each) floating marginal dock
4. Eight (8) 6' x 30' (180-sq. ft. each) floating finger piers

An additional 562-sq. ft. floating dock consisting of a 6' x 7' (42-sq. ft.) landing platform, a 5' x 24' (120-sq. ft.) gangway, and a 10' x 40' (400-sq. ft.) floating terminal platform, shall be installed along the seawall between the two existing boat ramps. The dock shall be used as a 1-slip temporary staging area for the public boat launch.

The addition of two (2) trailer spaces and two (2) wet slips will result in an overall increase of four (4) slips for a total of 75 slips onsite. The Department has determined that the project is in conformance with the Broward County Manatee Protection Plan. The standard manatee conditions shall be adhered to during all in water work and a manatee grate shall be installed over all existing outfalls onsite with openings greater than 8-inches and less than 8-ft.

Best management practices shall be employed during all phases of this project. Work shall be conducted from a barge or by land based equipment and all new piles shall be installed by driving. Staked and/or weighted floating turbidity curtains, extending to within one foot from the bottom shall be utilized around the project area to ensure that any turbidity resulting from construction activities will be contained within the project boundaries. All water bodies outside the specific limits of construction authorized by this permit/license shall be protected from erosion, siltation, sedimentation, and/or scouring.

DEP GENERAL CONDITIONS:

- (1) All activities authorized by this permit shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit and Part IV, Chapter 373, F.S.
- (2) This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by the Department staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.
- (3) The permittee shall notify the Department of the anticipated construction start date within 30 days of

the date that this permit is issued. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the Department an "Environmental Resource Permit Construction Commencement" notice (Form No. 62-343.900(3), F.A.C.) indicating the actual start date and the expected completion date.

- (4) When the duration of construction will exceed one year, the permittee shall submit construction status reports to the Department on an annual basis utilizing an "Annual Status Report Form" (Form No. 62-343.900(4), F.A.C.). Status Report Forms shall be submitted the following June of each year.
- (5) Within 30 days after completion of construction of the permitted activity, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, utilizing the supplied "Environmental Resource Permit As-Built Certification by a Registered Professional" (Form No. 62-343.900(5), F.A.C.). The statement of completion and certification shall be based on on-site observation of construction or review of as-built drawings for the purpose of determining if the work was completed in compliance with permitted plans and specifications. This submittal shall serve to notify the Department that the system is ready for inspection. Additionally, if deviation from the approved drawings is discovered during the certification process, the certification must be accompanied by a copy of the approved permit drawings with deviations noted. Both the original and revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor.
- (6) The operation phase of this permit shall not become effective: until the permit has complied with the requirements of condition (5) above, has submitted a "Request for Transfer of Environmental Resource Permit Construction Phase to Operation Phase" (Form No. 62-343.900(7), F.A.C.); the Department determines the system to be in compliance with the permitted plans and specifications; and the entity approved by the Department in accordance with Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit Applications Within the South Florida Water Management District - August 1995, accepts responsibility for operation and maintenance of the system. The permit shall not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the Department, the permittee shall initiate transfer of the permit to the approved responsible operating entity if different from the permittee. Until the permit is transferred pursuant to Section 62-343.110(1)(d), F.A.C., the permittee shall be liable for compliance with the terms of the permit.
- (7) Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of the phase or portion of the system to a local government or other responsible entity.
- (8) For those systems that will be operated or maintained by an entity that will require an easement or deed restriction in order to enable that entity to operate or maintain the system in conformance with this permit, such easement or deed restriction must be recorded in the public records and submitted to the Department along with any other final operation and maintenance documents required by sections

9.0 and 10.0 of the Basis of Review for Environmental Resource Permit Applications Within the South Florida Water Management District - August 1995, prior to lot or unit sales or prior to the completion of the system, whichever occurs first. Other documents concerning the establishment and authority of the operating entity must be filed with the Secretary of State where appropriate. For those systems which are proposed to be maintained by the county or municipal entities, final operation and maintenance documents must be received by the Department when maintenance and operation of the system is accepted by the local government entity. Failure to submit the appropriate final documents will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system and any other permit conditions.

- (9) Should any other regulatory agency require changes to the permitted system, the permittee shall notify the Department in writing of the changes prior to implementation so that a determination can be made whether a permit modification is required.
- (10) This permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and Chapter 40E-4 or Chapter 40E-40, F.A.C.
- (11) The permittee is hereby advised that Section 253.77, F.S. states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.
- (12) The permittee is advised that the rules of the South Florida Water Management District require the permittee to a water use permit from the South Florida Water Management District prior to construction dewatering, unless the work qualifies for a general permit pursuant to subsection 40E-20.302(4), F.A.C., also known as the "No Notice" rule.
- (13) The permittee shall hold and save the Department harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the permit.
- (14) Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under section 373.421(2), F.S., provides otherwise.
- (15) The permittee shall notify the Department in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of a permitted system or the real property on which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of section 62-343.130, F.A.C. The permittee transferring the permit shall remain liable for corrective

actions that may be required as a result of any violations prior to the sale, conveyance or other transfer of the system.

- (16) Upon reasonable notice to the permittee, Department authorized staff with proper identification shall have permission to enter, inspect, sample and test the system to insure conformity with the plans and specifications approved by the permit.
- (17) If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the appropriate Department office.
- (18) The permittee shall immediately notify the Department in writing of any previously submitted information that is later discovered to be inaccurate.

BROWARD COUNTY DER GENERAL CONDITIONS:

- (1) The terms, conditions, requirements, limitations and restrictions set forth herein are accepted by the licensee and must be completed by the licensee and are enforceable by the Development and Environmental Regulation Division (DER) pursuant to Chapter 27 of the Broward County Code of Ordinances. The DER will review this license periodically and may revoke or suspend the license, and initiate administrative and/or judicial action for any violation of the conditions by the licensee, its agents, employees, servants or representatives.
- (2) This license is valid only for the specific uses set forth in the license application and any deviation from the approved uses may constitute grounds for revocation, suspension, and/or enforcement action by the DER.
- (3) In the event the licensee is temporarily unable to comply with any of the conditions of the license or with this chapter, the licensee shall notify the DER within eight (8) hours or as stated in the specific section of this chapter. Within three (3) working days of the event, the licensee shall submit a written report to DER that describes the incident, its cause, the measures being taken to correct the problem and prevent its reoccurrence, the owner's intention regarding the repair, replacement and reconstruction of destroyed facilities and a schedule of events leading toward operation with the license condition.
- (4) The issuance of this license does not convey any vested rights or exclusive privileges, nor does it authorize any injury to public or private property or any invasion of personal rights, or any violations of federal, state or local laws or regulations.
- (5) This license must be available for inspection on licensee's premises during the entire life of the license.
- (6) By accepting this license, the licensee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this licensed facility or activity, that are submitted to the DER, may be used by the DER as evidence in any enforcement proceeding

arising under Chapter 27 of the Broward County Code of Ordinances, except where such use is prohibited by Section 403.111, Florida Statutes.

- (7) The licensee agrees to comply with Chapter 27 of the Broward County Code of Ordinances, and shall comply with all provisions of the most current version of this chapter, as amended.
- (8) Any new owner or operator of a licensed facility shall apply by letter for a transfer of license within thirty (30) days after sale or legal transfer. The transferor shall remain liable for performance in accordance with the license until the transferee applies for and is granted a transfer of license. The transferee shall be liable for any violation of Chapter 27 that results from the transferee's activities. The transferee shall comply with the transferor's original license conditions when the transferee has failed to obtain its own license.
- (9) The licensee, by acceptance of this license, specifically agrees to allow access and shall allow access to the licensed source, activity or facility at times by DER personnel for the purposes of inspection and testing to determine compliance with this license and Chapter 27 of the Broward County Code of Ordinances.
- (10) This license does not constitute a waiver or approval of any other license, approval, or regulatory requirement by this or any other governmental agency that may be required.
- (11) Enforcement of the terms and provisions of this license shall be at the reasonable discretion of DER, and any forbearance on behalf of DER to exercise its rights hereunder in the event of any breach by the licensee, shall not be deemed or construed to be a waiver of DER's rights hereunder.
- (12) In addition to the general conditions set forth above, each license issued by DER shall contain general conditions, specific conditions, and operating requirements to ensure compliance with this chapter. The licensee agrees that general conditions and specific conditions are enforceable by the county for any violation thereof.
- (13) General and specific conditions and operating requirements must be complied with at all times the licensed activity occurs even though the license may have expired, been suspended, or been revoked.

ERP and SWM SPECIFIC CONDITIONS:

Except where otherwise noted, conditions apply to both the State Environmental Resource Permit and the County Surface Water license.

- (1) The licensee shall notify DER in writing within twenty-four (24) hours of the start, finish, suspension, and/or abandonment of any construction or alteration of works authorized by this permit/license.
- (2) The permittee/licensee shall allow authorized personnel of the DER, municipality or local water control district to conduct such inspections at reasonable hours, as are necessary to determine compliance with the requirements of the license and the approved plans and specifications.

- (3) The responsible entity shall agree to maintain the operating efficiency of the water management works. Except in cases where the responsible entity is a governmental agency, the agreement shall further require that if the water management works is not adequately maintained, the County may undertake the required work and bill all associated costs to the responsible entity. If the payment for such obligations is not satisfied within 30 days, said obligation shall become a lien against the property associated with the water management works. Where ownership of the water management works is separate from property ownership, the DER shall require these agreements to be recorded.
- (4) The permittee/licensee shall prosecute the work authorized in a manner so as to minimize any adverse impact of the works on fish, wildlife, natural environmental values, and water quality. The licensee shall institute necessary measures during the construction period, including fill compaction of any fill material placed around newly installed structures, to reduce erosion, turbidity, nutrient loading and sedimentation in the receiving waters. Any erosion, shoaling or deleterious discharges due to permitted/licensed actions will be corrected promptly at no expense to the County.
- (5) The permittee/licensee shall comply with all applicable local land use and subdivision regulations and other local requirements. In addition, the licensee shall obtain all necessary Federal, State, local and special district authorizations, including any modifications to existing permits, prior to the start of any construction or alteration of works authorized by this permit/license.
- (6) Offsite discharges during construction and development shall be made only through the facilities authorized by this permit/license. Water discharged from the project shall be through structures having a mechanism for regulating upstream water stages. Stages may be subject to operating schedules satisfactory to the appropriate regulatory agency.
- (7) The permittee/licensee shall hold and save the County harmless from any and all damages, claims, or liabilities which may arise by reason of the construction, operation, maintenance or use of any facility authorized by the permit/license.
- (8) The permit/license does not convey property rights nor any rights or privileges other than those specified therein.
- (9) No construction authorized by the permit/license shall commence until a responsible entity acceptable to the DER has been established and has agreed to operate and maintain the efficiency of the system. The entity must be provided with sufficient ownership so that it has control over all water management facilities authorized therein. Upon receipt of written evidence of the satisfaction of this condition, the DER will issue authorization to commence the construction.
- (10) No beautification or erection of any structure that will prohibit or limit access of maintenance equipment or vehicles in the right-of-way or easements will be allowed.
- (11) Any license which grants any entity the permission to place a structure on property which is owned by Broward County or upon which Broward County has an easement shall be construed to create a revocable license for that structure to remain on the property. Broward County may require removal of such a structure at no cost to the County.

- (12) The area under permit/license will be maintained in a safe and operating condition at all times. Equipment will be promptly removed from the right-of-way or easement and the right-of-way or easement will be restored to its original or better condition within a reasonable time on termination of the authorized use.
- (13) The DER will be notified, as required in the permit/license or as indicated on the approved plans, to coordinate and schedule inspections.
- (14) The operation or construction will be in accordance with the approved details and plans submitted with the application. Any modification must be submitted to the DER in writing and receive prior approval.
- (15) Monitoring may be required for sites with high pollutant generating potential, such as industrial sites, Class I and II solid waste disposal sites, and projects discharging to areas identified in Section 27-200 (b) (1) (c). Such monitoring will be under the cognizance of the DER.
- (16) Upon completion of the construction of a surface water management system or phase thereof licensed by DER, it is a requirement of the issuance of the permit/license, and hence transfer of operation and maintenance responsibility, that a Florida Registered Professional Engineer certify that the surface water management system was indeed constructed as permitted/licensed. Certified record drawings shall accompany the certification. Suggested wording for this is as follows:

I HEREBY CERTIFY TO THE CONSTRUCTION COMPLETION OF ALL THE COMPONENTS OF THE SURFACE WATER MANAGEMENT FACILITIES FOR THE ABOVE REFERENCED PROJECT AND THAT THEY HAVE BEEN CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE BROWARD COUNTY DEVELOPMENT AND ENVIRONMENTAL REGULATION DIVISION, AND HEREBY AFFIX MY SEAL THIS _____ DAY OF _____, 20____.

(SEAL)

- (17) Water management areas shall be legally reserved to the operation entity and for that purpose by dedication on the plat, deed restrictions, easements, etc., so that subsequent owners or others may not remove such areas from their intended use. Management areas, including maintenance easements, shall be connected to a public road or other location from which operation and maintenance access is legally and physically available.
- (18) A prorated share of surface water management retention/detention areas, sufficient to provide the required flood protection and water quality treatment, must be provided prior to occupancy of any building or residence.
- (19) The operation license shall be valid for a specific period of time not to exceed five (5) years from the date the license is transferred to the operation phase. The operation license shall be renewed in accordance with Section 27 - 198 (d) (2) of the Article.
- (20) The DER reserves the right to require additional water quality treatment methods be incorporated into the drainage system if such measures are shown to be necessary.

- (21) No dewatering activities are permitted at this site. Should dewatering be needed, a modification of this permit/license is needed prior to the commencement of those activities. Please be advised that additional authorization is needed to conduct dewatering operations at or within one-quarter mile radius of a contaminated site, pursuant to Section 27-353(i), Broward County Code. Please contact the Pollution Prevention and Remediation Division at (954) 519-1260 for further information.
- (22) The permittee/licensee shall keep a log of the operation and maintenance schedule for all components of the surface water management system.
- (23) The surface water management system must be inspected by the DER to verify compliance with Specific Condition No. 16 of the permit/license. In accordance with the Broward County Natural Resource Protection Code, Article I, Sec. 27-66 (f), the County agency or municipal agency charged with issuing a certificate of occupancy (CO) shall not issue a CO until notified of the DER approval. Partial certifications will be handled in accordance with Specific Condition No. 18.
- (24) If one or more acres of land will be disturbed, the permittee/licensee will be required to submit a Storm Water Notice of Intent (NOI) application at least 48 hours prior to the commencement of construction to the Florida Department of Environmental Protection, NPDES Stormwater Program, 2600 Blair Stone Road Mail Station 2510, Tallahassee, FL 32399-2400.
- (25) Any modifications to the surface water management system as permitted herein (see attached drawings), shall be approved by DER prior to implementation. Specifically, any modification such as adding buildings, pavement, and/or earthwork (other than permitted herein) requires an approval from DER prior to construction.
- (26) Prior to the commencement of construction of a future phase a permit/license modification will be required.
- (27) Within thirty (30) days after completion of construction of the Surface Water Management System, the permittee or authorized agent shall notify DER of that completion date and submit certification by a Florida registered professional engineer that all facilities have been constructed in accordance with the design approved by DER. If the surface water management system is constructed in phases, each phase needs to be certified upon completion. A set of signed and sealed record drawings consisting of elevations, locations and dimensions of components of the surface water management system shall also be submitted for each phase prior to operation.
- (28) The DER reserves the right to require that additional water quality treatment methods be incorporated into the drainage system if such measures are shown to be necessary.
- (29) If the approved permit/license drawings and/or permit/license attachments/plans conflict with the specific conditions, then the specific conditions shall prevail.
- (30) The set of project drawings and DEP forms 62.343.900(3-7) are attached to and become part of this permit/license.

ERP and ERL Specific Conditions:

- (31) Any project caused environmental problem(s) shall be reported immediately to the Environmental Protection and Growth Management Department Environmental Response Line at 954-519-1499.
- (32) All project generated solid waste and/or spoil material must be disposed of in a suitable approved manner at an upland location.
- (33) No dredging is authorized by this license.
- (34) Turbidity screens or equivalent shall be properly employed and maintained as necessary during construction activities so that turbidity levels do not exceed 29 NTU's above natural background 50 feet downstream of point of discharge. If turbidity levels exceed these limits, project activities shall immediately cease, and work shall not resume until turbidity levels drop to within these limits [62-302.530(69) FAC].
- (35) This license does not authorize impacts to seagrasses or other natural resources.
- (36) All watercraft associated with the construction and use of the licensed structures shall only operate within waters of sufficient depth as to preclude bottom scouring or prop dredging. Specifically, there shall be a minimum 12-inch clearance between the deepest draft of the vessel (with the motor in the down position) and the bottom substrate at mean low water.
- (37) The Standard Manatee Conditions for In-Water Work 2009 shall be followed at all times during project construction.
- (38) Pursuant to the Broward County Manatee Protection Plan (MPP), each multi-slip facility existing and licensed, with five (5) or more slips located in coastal waters, as defined in the MPP, is required to apply for and obtain a Marine Facility Operating License on or before October 1, 2009. A Marine Facility Operating License is valid for one (1) year and must be renewed annually prior to expiration. An application for the Marine Facility Operating License will be sent under separate cover. Renewal of a Marine Facility Operating License requires payment of the manatee conservation fee applicable during the current fiscal year as established in Subsection 27-334(c)(2) of the Broward County Code. **The Fiscal Year 2010 annual fee for this facility, which is based on 75 boat slips, will be \$1,560.00.**
- (39) Upon completion of the licensed project an inspection shall be performed by the Department. If the slip count is greater than the licensed slip number, a modification of the license may be applied for and if approved the new-slip fees shall be paid. If slips are not available in the MPP, the constructed facility shall remove the unlicensed slips. **Failure to construct the docking facility as authorized shall result in enforcement action.**
- (40) Should the license expire prior to construction of the authorized project or a request for license extension is not received by the Department prior to the expiration date, the licensed slips shall be returned to the County's MPP available slip count.
- (41) The licensee/permittee shall develop and implement a Florida Fish and Wildlife Conservation

Commission (FWC)-approved marina educational program (which includes, at a minimum, permanent manatee educational signs, speed zone booklets, and manatee educational brochures) no later than 30 days prior to completion of construction. Licensee/permittee shall maintain this educational program for the life of the facility. The licensee/permittee shall be responsible for the cost of the educational material. The licensee/permittee shall develop this educational program with the assistance of FWC. FWC shall approve this education plan prior to its implementation. Contact the Florida Fish and Wildlife Conservation Commission, Imperiled Species Management Section at: 620 South Meridian Street, 6A, Tallahassee, Florida 32399-1600 (telephone 850/922-4330).

- (42) To reduce the risk of entrapment and drowning on manatees, grating or screening shall be installed over pipes greater than 8 inches, but smaller than 8 feet in diameter. Grates or screens no more than 8 inches apart shall be placed on the accessible end(s) to restrict manatee access. The installation of grates applies to submerged or partially submerged pipes and culverts reasonably accessible to manatees. These grates/screens shall be maintained so as to prevent upland flooding.
- (43) As-built drawings by a Professional Engineer registered in the State of Florida demonstrating that the project is in substantial compliance with the licensed plans shall be submitted to the Department within thirty (30) days from completion of the project. **Failure to construct the dock as authorized may result in enforcement action.**
- (44) If the approved license drawings and/or license attachments/plans conflict with the specific conditions, then the specific conditions shall prevail.
- (45) **This license does not eliminate the necessity to obtain any required federal, state, local or special district authorizations prior to the start of any activity approved by this license.**

RIGHTS OF AFFECTED PARTIES:

ERP No. 06-0296264-001, SWM No. GL2009-090, and ERL No. DF09-1072 are hereby granted. This action is final and effective on the date filed unless a sufficient petition for an administrative hearing is timely filed under sections 120.569 and 120.57 of the Florida Statutes as provided below. If a sufficient petition for an administrative hearing is timely filed, this intent to issue automatically becomes only proposed agency action on the application, subject to the result of the administrative review process. Therefore, on the filing of a timely and sufficient petition, this action will not be final and effective until further order of Broward County. Because an administrative hearing may result in the reversal or substantial modification of this action, the applicant is advised not to commence construction or other activities until the deadlines noted below for filing a petition for an administrative hearing or request for an extension of time have expired and until the permit, No: 06-0296264-001, has been executed and delivered.

Mediation is not available.

A person whose substantial interests are affected by Broward County Development and Environmental Regulation Division (DER) action regarding permit No: 06-0296264-001 may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Enforcement Administration at 1

N. University Drive, Room 307, Plantation, FL 33324.

Under rule 62-110.106(4) of the Florida Administrative Code, a person whose substantial interests are affected by DER action may also request an extension of time to file a petition for an administrative hearing. DER may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Enforcement Administration at 1 North University Drive, Room 307, Plantation, FL 33324, before the applicable deadline. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon. If a request is filed late, DER may still grant it upon a motion by the requesting party showing that the failure to file a request for an extension of time before the deadline was the result of excusable neglect.

If a timely and sufficient petition for an administrative hearing is filed, other persons whose substantial interests will be affected by the outcome of the administrative process have the right to petition to intervene in the proceeding. Intervention will be permitted only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

In accordance with rules 28-106.111(2) and 62-110.106(3)(a)(4), petitions for an administrative hearing by the applicant must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under section 120.60(3) of the Florida Statutes, must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. Under section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within 21 days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition for an administrative hearing or pursue mediation as provided below within the appropriate time period shall constitute a waiver of those rights.

A petition that disputes the material facts on which DER's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;

- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts on which DER's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.

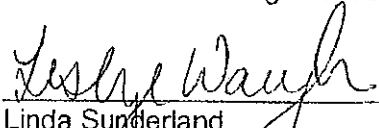
Under sections 120.569(2)(c) and (d) of the Florida Statutes, a petition for administrative hearing must be dismissed by the agency if the petition does not substantially comply with the above requirements or is untimely filed.

A person whose substantial interests are affected by the Department's action regarding License No. GL2009-090 and License No. DF09-1072 may petition for an administrative review under Section 27-14 of the Broward County Code of Ordinances. The petition must contain the information described in 27-14(f) and shall be filed within ten (10) days of the decision made by the director.

This permit, No. 06-0296264-001, and licenses, No. GL2009-090 and No. DF09-1072 constitutes an order of DER. Subject to the provisions of paragraph 120.68(7)(a) of the Florida Statutes, which may require a remand for an administrative hearing, the applicant has the right to seek judicial review of the order under section 120.68 of the Florida Statutes, by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Enforcement Administration at 1 N. University Drive, Suite 307, Plantation, FL 33324; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the order is filed.

Executed in Plantation, Florida
Broward County Development and Environmental Regulation Division


Elissa Taylor, P.E. 9/25/09
NRS III, Section Manager
Surface Water Management Licensing Section


Linda Sunderland 9/25/09
NRS IV, Section Manager
Aquatic and Wetland Resources Section

Permittee/Licensee: City of Fort Lauderdale / 15th Street Boat Launch and Marine Complex
Permit No.: 06-0296264-001
SWM General License No.: GL2009-090
ERL No. DF09-1072
Page: 15 of 15

Enclosures

Project Drawings (5 pages)
Manatee Standard Conditions & Exhibit (4 pages)
DEP Forms (5 pages)
Broward County Guidance Document

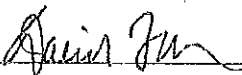
cc: Jennifer Smith, E.I., Chen and Associates
Chief Building Official, City of Fort Lauderdale

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this permit/license, including all copies, was mailed to the above listed persons before the close of business on September 25, 2009.

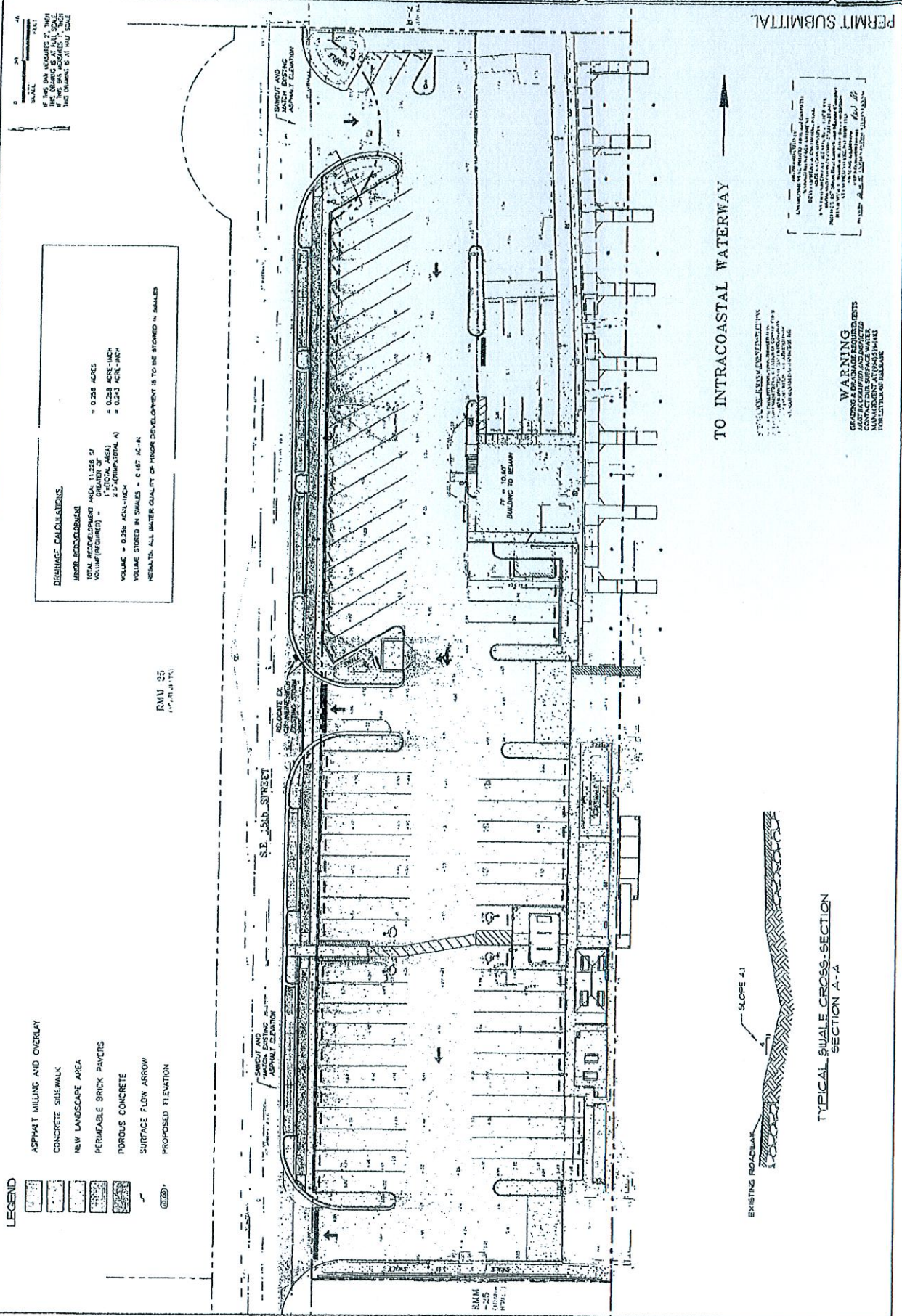
Filing and Acknowledgment

FILED, on this date,
receipt of which is hereby acknowledged.

 Date 9/25/09

Prepared by: David Zeller, Engineer II
Leslye Waugh, NRS II

PROJECT # 11422 S.E. 15TH STREET BOAT LAUNCH & MARINE COMPLEX IMPROVEMENTS DRAINAGE IMPROVEMENT PLAN 1704 S.E. 15TH STREET		SHEET NO. 2 OF 2	PERMIT SUBMITTAL DATE: 10/1/10 DRAWING: 10/1/10
CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING & ARCHITECTURE 100 North Andrews Avenue, Fort Lauderdale, Florida 33301		REVISIONS NO. DATE BY DESCRIPTION	
PROJECT: 11422 DRAWN BY: JLM CHECKED BY: JLM IN CHARGE: JLM DATE: 10/1/10		TOTAL: 2 CADD FILE: 11422-02.dwg DRAWING: 10/1/10	



DRAINAGE CALCULATIONS

AREA: 0.256 ACRES
 TOTAL IMPERVIOUS AREA: 11,250 SF
 IMPERVIOUS COEFFICIENT: 0.9
 VOLUME (PERCENT) = 1.0 (TOTAL AREA)
 VOLUME = 0.256 ACRES-HIGH
 VOLUME STORED IN SWALES = 0.467 AC-H
 RESULTS: ALL WATER QUALITY OF "B" OR BETTER DEVELOPMENT IS TO BE STORED IN SWALES

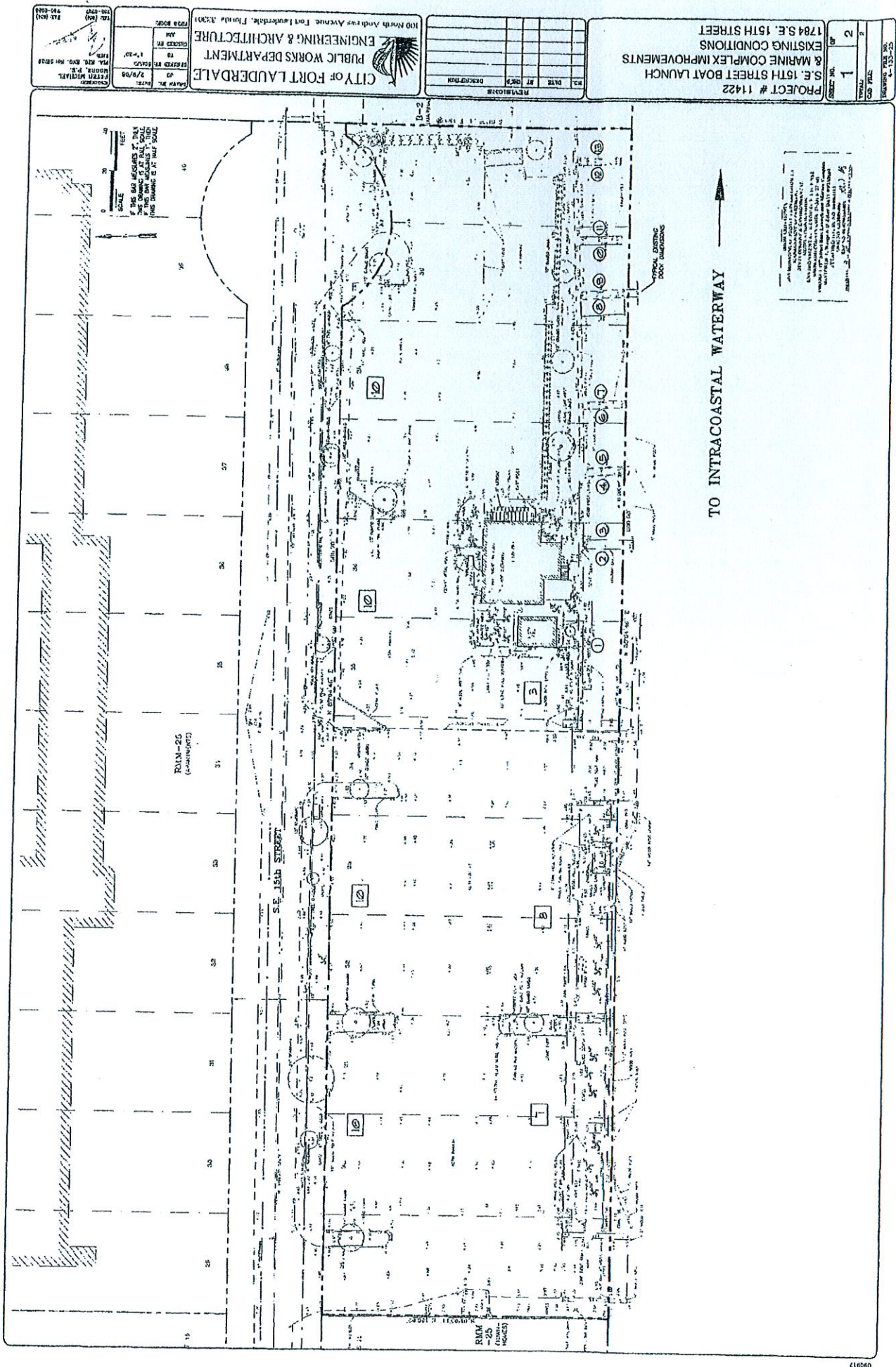
LEGEND

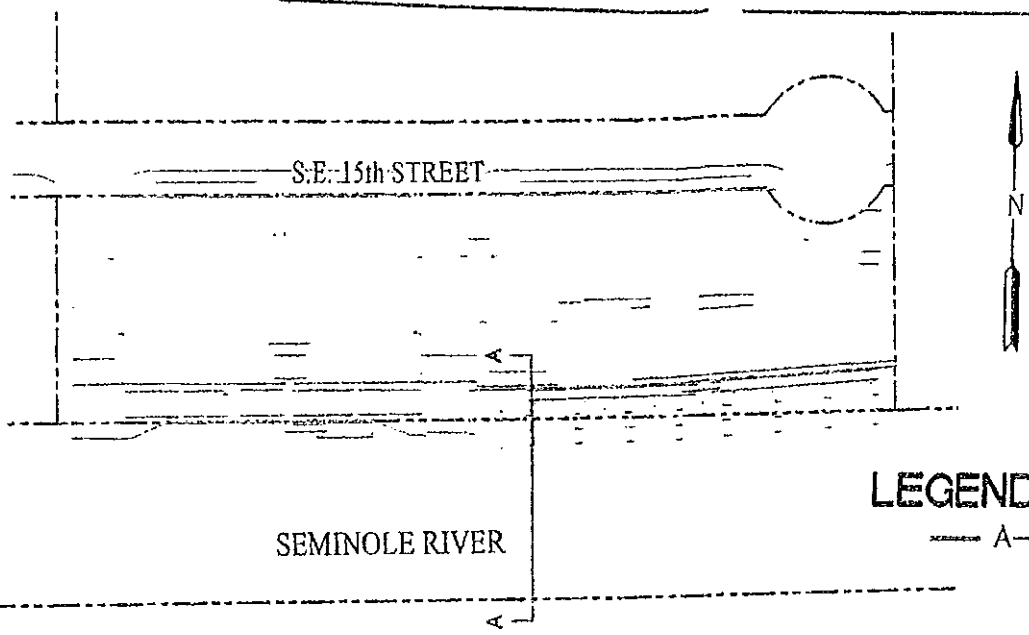
- ASPHALT MILLING AND OVERLAY
- CONCRETE SIDEWALK
- NEW LANDSCAPE AREA
- PERMEABLE BRICK PAVING
- POROUS CONCRETE
- SURFACE FLOW ARROW
- PROPOSED ELEVATION

TYPICAL SHALE CROSS-SECTION
 SECTION A-A

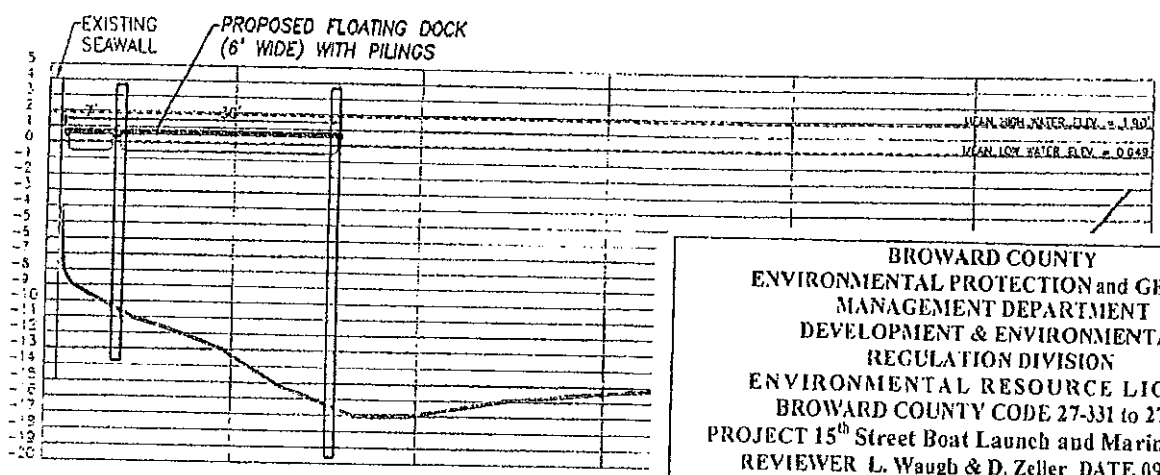
SLOPE 4:1

EXISTING ROADWAY

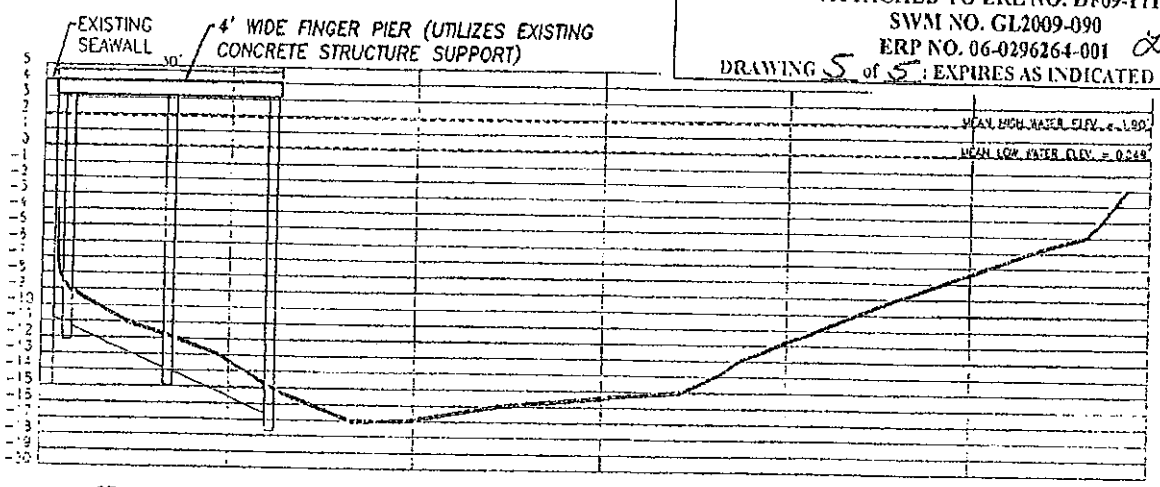




LEGEND
A-A



BROWARD COUNTY
ENVIRONMENTAL PROTECTION and GROWTH
MANAGEMENT DEPARTMENT
DEVELOPMENT & ENVIRONMENTAL
REGULATION DIVISION
ENVIRONMENTAL RESOURCE LICENSE
BROWARD COUNTY CODE 27-331 to 27-341
PROJECT 15th Street Boat Launch and Marine Complex
REVIEWER L. Waugh & D. Zeller DATE 09/23/2009
ATTACHED TO ERL NO. DF09-1113
SWM NO. GL2009-090
ERP NO. 06-0296264-001 *EW* *M*
DRAWING 5 of 5: EXPIRES AS INDICATED IN LICENSE



CHEN & ASSOCIATES
Civil and Environmental Engineers

500 W. Cypress Creek Drive, Suite 410
Ft. Lauderdale, Florida 33309

Bathymetry of Seminole River
15th Street Boat Launch &
Marine Complex
CANAL SURFACE/DOCK PROFILE

STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2009

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the FWC Hotline at 1-888-404-FWCC. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida.
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Awareness signs that have already been approved for this use by the Florida Fish and Wildlife Conservation Commission (FWC) must be used (see MyFWC.com). One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 1/2" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities.

CAUTION: MANATEE HABITAT

All project vessels

IDLE SPEED / NO WAKE

When a manatee is within 50 feet of work
all in-water activities must

SHUT DOWN

Report any collision with or injury to a manatee:

Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC



Sign suppliers

Sign companies should be contacted directly to arrange for shipping and billing of the signs. Other suppliers can make these signs if they contact FWC for the appropriate artwork.

Universal Signs & Accessories

Ft. Pierce, FL 34947
(800) 432-0331 or (772) 461-0665
www.universalsignsfl.com/

New City Signs

St. Petersburg, FL 33713
(727) 323-7897
www.newcitysigns.com

Municipal Supply & Sign Company

Naples, FL 34102
(800) 329-5366 or (239) 262-4639
www.municipalsigns.com/

ASAP Signs & Graphics of FLA, Inc.

Clearwater, FL 33990
(727) 443-4878

Vital Signs

Key Largo, FL 33037
(305) 451-5133

Signing America Corporation

Pompano Beach, FL 33069
(888) 656-3465 or (561) 842-3465
www.signingamerica.com

Sign Guyz

94804 Overseas Highway
Key Largo, FL 33037
Phone (305) 852-9974
Fax: (305) 852-7954
www.signguyz.net

Sign suppliers (continued)

Trutwin Custom Signs

Fort Myers, FL 33912
(239) 489-3521
www.trutwincustomsigns.com

Wilderness Graphics, Inc.

Tallahassee, FL 32302
(850) 224-6414
www.wildernessgraphics.com



Florida Fish and Wildlife
Conservation Commission

Imperiled Species Management
620 South Meridian Street, 6-A
Tallahassee, FL 32399-1600
Phone: (850) 922-4330
Fax: (850) 922-4338

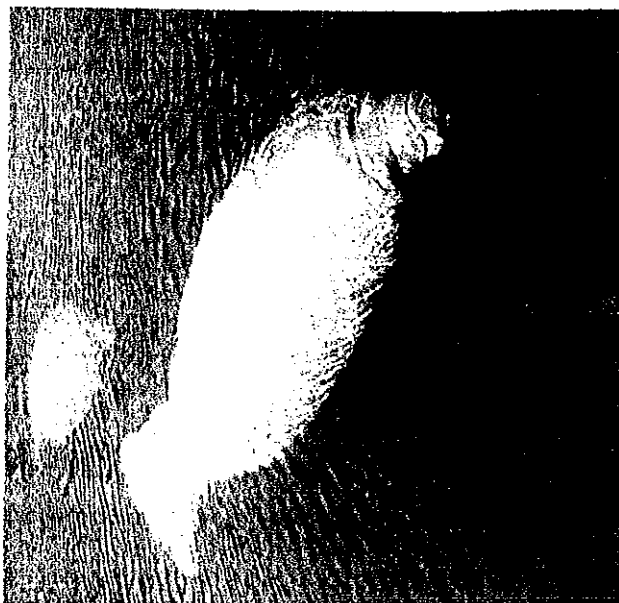
ImperiledSpecies@MyFWC.com



Cover photo by Terri Callison

A guide to manatee educational signs
Revised June 2009

A guide to manatee educational signs



Required by permit
or submerged land lease



Florida Fish and Wildlife
Conservation Commission

WFLA-TV 10

Sign guidelines

Signs must be placed in a prominent location for maximum visibility. Areas that are recommended include: dock walkways, dock master offices, near restrooms or other high patron foot traffic areas. They must be replaced when faded, damaged or outdated.

- If the facility is large or has multiple docks with separate walkways that are a considerable distance apart, multiple signs should be installed. These signs must not face the water, must never be attached to pilings or navigational markers in the water. The exception to direction the sign is facing is the "Caution Boaters" sign, when it is used as a temporary sign during in-water work.
- All signs should be metal with rounded corners (hand-sanded to remove all sharp edges and burrs), constructed of 0.08 Gauge 5052-H38 Aluminum with an Alodine 1200 conversion coating and Engineer Grade Type I reflective sheeting.

Examples of **inappropriate sign locations**. Signs should not face the water and should not be isolated. Signs need to be placed in an area of high foot traffic.

Sign 2: Florida Friendly Boating (2009)



30" tall x 36" wide (rounded corners with radius 1½")

This awareness sign replaces the "Caution: Manatee Area" sign. It is intended to remind boaters using the facility of manatees before going out on the water. These signs are also frequently used as temporary signs for construction purposes.

ENVIRONMENTAL RESOURCE PERMIT Construction Commencement Notice

Project:

Phase:

I hereby notify the Department of Environmental Protection that the construction of the surface water management system authorized by Environmental Resource Permit Number _____ has commenced / is expected to commence on _____ and will require a duration of approximately _____ months _____ weeks _____ days to complete. It is understood that should the construction term extend beyond one year, I am obligated to submit the Annual Status Report for surface Water Management System Construction.

PLEASE NOTE: If the actual construction commencement date is not known, Department staff should be so notified in writing in order to satisfy permit conditions.

Permittee or Authorized Agent

Title and Company

Date

Phone

Address

Environmental Resource Permit Annual Status Report

Florida Department of Environmental Protection

PERMIT NUMBER:

COUNTY:

PROJECT NAME:

PHASE:

The following activity has occurred at the above referenced poroject during the past year, between June 1, and May 30,

<u>Permit Condition/Activity</u>	<u>% of Completion</u>	<u>Date of Anticipated Completion</u>	<u>Date of Completion</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

(Use Additional Sheets As Necessary)

Benchmark Description (one per major control structure): _____

Print Name

Phone

Permittee's or Aurtherized Agent's Signature

Title and Company

Date

This form shall be submitted to the above referenced Department Office during June of each year for activities whose duration of construction exceeds one year.

ENVIRONMENTAL RESOURCE PERMIT
AS-BUILT CERTIFICATION BY A REGISTERED PROFESSIONAL

Permit Number:

Project Name:

I hereby certify that all components of this surface water management system have been built substantially in accordance with the approved plans and specifications and are ready for inspection. Any substantial deviations (noted below) from the approved plans and specifications will not prevent the system from functioning as designed when properly maintained and operated. These determinations are based upon on-site observation of the system conducted by me or by my designee under my direct supervision and/or my review of as-built plans certified by a registered professional or Land Surveyor licensed in the State of Florida.

Name (please print)

Signature of Professional

Company Name

Florida Registration Number

Company Address

Date

City, State, Zip Code

Telephone Number

(Affix Seal)

Substantial deviations from the approved plans and specifications:

(Note: attach two copies of as-built plans when there are substantial deviations)

Within 30 days of completion of the system, submit two copies of the form to:

ENVIRONMENTAL RESOURCE PERMIT INSPECTION CERTIFICATION

Permit Number:

Project Number:

Inspection Date(s):

Inspection results: (check one)

☐ I hereby certify that I or my designee under my direct supervision have inspected the system at the above referenced project and that the system appears to be functioning in accordance with the requirements of the permit and Chapter 373 F.S. (as applicable).

☐ The following necessary maintenance was conducted:

☐ I hereby certify that I or my designee under my direct supervision has inspected the system at the above referenced project and that the system does not appear to be functioning in accordance with the requirements of the permit and Chapter 373 F.S. (as applicable). I have informed the operation and maintenance entity of the following: (a) that the system does not appear to be functioning properly, (b) that maintenance is required to bring the system into compliance, and (c) if maintenance measures are not adequate to bring the system into compliance, the system may have to be replaced or an alternative design constructed subsequent to Department approval.

Name

Signature of Professional Engineer

Company Name

Florida Registration Number

Company Address

Date

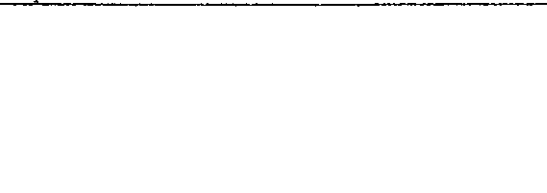
City, State, Zip Code

Telephone Number

(affix seal)

Within 30 days of completion of the inspection, submit two copies of the form to the following
Department Office:

Department of Environmental Protection



Request for Transfer of Environmental Resource Permit Construction Phase to Operation Phase

(To be completed and submitted by the operating entity)

Florida Department of Environmental Protection

It is requested that Department Permit Number _____ authorizing the construction and operation of a surface water management system for the below mention project be transferred from the construction phase permittee to the operation phase operating entity.

Project:

From: Name:
Address:
City: State: Zip:

To: Name:
Address:
City: State: Zip:

The surface water management facilities are hereby accepted for operation and maintenance in accordance with the engineers certification and as outlined in the restrictive covenants and articles of incorporation for the operating entity. Enclosed is a copy of the document transferring title of the operating entity for the common areas on which the surface water management system is located. Note that if the operating entity has not been previously approved, the applicant should contact the Department staff prior to filing for a permit transfer.

The undersigned hereby agrees that all terms and conditions of the permit and subsequent modifications, if any, have been reviewed, are understood and are hereby accepted. Any proposed modifications shall be applied for and obtained prior to such modification.

Operating Entity:

Name

Title:

Telephone:

Enclosure

- ☐ copy of recorded transfer of title surface water management system
☐ Coy of plat(s)



“What to Expect When We Are Inspecting Surface Water Management Systems”

A guideline for engineers, contractors, and licensees of surface water management systems pertaining to the release of Certificates of Occupancy.

The intent of this document is to establish some guidelines to achieve compliance with the Code while maximizing customer service needs to licensees and their agents and the local building departments by facilitating the Certificate(s) of Occupancy (CO) release procedure for building projects. It is also the intent of this document to encourage licensees and their agents and the local building departments to not put our inspection staff on the “critical path”. ***We recognize that the local building departments must adhere to the requirements of the South Florida Building Code and the requirements of Article I of the Broward County Natural Resource Protection Code.***

The Development and Environmental Regulation (DER) - Surface Water Management Licensing program has the responsibility of reviewing designs, licensing, and inspecting surface water management systems within portions of Broward County under the provisions of the Broward County Natural Resource Protection Code, Chapter 27, Section 27-191 through Section 27-201. This includes enforcement for the purpose of protecting our natural resources. This document contains specific information about the DER's surface water management inspection procedures, review of record/as-built drawings, and time required to complete the procedure successfully. Please be advised this document may be included with the approved license and may be modified on an as-needed basis.

The following certification package must be submitted at least two (2) weeks prior to the anticipated date of occupancy - exceptions may be made on a case by case basis.

Note: Items 1 & 2 are not applicable to plans stamped as General Licenses (GL##-###). Items 3 & 4 may apply to GL if plans are stamped for construction certification.

1. Final Record/As-built Drawings (**hard copy and electronic**) of the site and lake/canal slopes (where applicable);
2. Final Record/As-built Drawings of the control structure(s) or overflow structure(s) (where applicable);
3. Signed and sealed letter from a Florida-registered Professional Engineer certifying all components of the surface water management system were constructed in substantial conformance with the approved plans; and
4. A \$100 partial certification fee (fees are subject to change) when a partial certification is submitted. *The certifying engineer must indicate that a substantial amount of the water management system has been constructed to serve the partial phase to satisfy the water quality and water quantity requirements of the Code and exactly which lots/buildings are requested for release.*

Staff will perform an inspection on a first-come first-served basis of the above items. A successful submittal of the required items will prevent unwanted delays in the inspection and CO release processes.

WHAT WE LOOK FOR DURING THE RECORD/AS-BUILT DRAWING REVIEW AND DURING THE INSPECTION:

1. The engineer's letter must contain the appropriate certification language. The suggested wording is located in the Code and in the specific conditions of the license. The letter must be signed and sealed. ***It is imperative that the engineer of record describe any minor modifications to the system that were made during the construction of the project.*** However, substantial modifications must have received prior approval by the Surface Water licensing program.
2. In addition to rim, manhole, and pipe invert elevations, the plans should contain a sufficient amount of survey information to show that the site grades and perimeter grades were constructed in substantial conformance with the approved plans.
3. If part of the approved system, lake and canal slope as-built plans should contain a substantial number of cross sections (a minimum of 1 section per 50 linear feet is preferred) to show compliance with the Department's slope criteria. ***The staff reserves the right to require additional slope cross sections as necessary as well as slope regrading.*** Surface area calculations at the control elevation should be submitted for lakes.
4. Control structure or overflow structure information must show all (as-built) dimensions and elevations.
5. All catch basin and manhole structures must have appropriate mudwork to prevent seepage that could lead to structure/asphalt failures and subsequent turbidity violations.
6. All catch basins, manholes, and pipes must be relatively free of sediment and debris and must be accessible to staff. Arrangements should be made with staff for inspecting basins that are covered with fabric materials for sediment control purposes. Fabric must be removed by the licensee or other appropriate personnel prior to the inspection.
7. Lake, canal, swale, dry detention/retention area slopes must be stabilized through appropriate measures, i.e., no evidence of erosion or sedimentation should be encountered during the inspection. Arrangements should be made with staff with regards to timeliness of sodding or seeding slopes and bottoms of dry detention/retention areas.
8. All baffle mechanisms must be made water tight at all contact surfaces of basin walls by a durable gasket device.

Successful compliance with the above items will insure a timely release of the Certificate(s) of Occupancy from division staff.

Upon completion of the field inspection, arrangements with inspection staff will be made to correct all observed field deficiencies. With your cooperation, Certificate(s) of Occupancy will be released upon correction of all field deficiencies.

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