

MEMORANDUM MF NO. 13-16

DATE: June 13, 2013

TO: Marine Advisory Board Members

FROM: Andrew Cuba, Manager of Marine Facilities

RE: Proposed Resolution Amendment – 621 Cordova Road – Steven Merson

On November 15th, 2011, the Applicant was granted a Permit to install a 6' W x 48' L angled finger pier on public property abutting the waterway immediately adjacent to 621 Cordova Road via Resolution 11-322 (within EXHIBIT 1). EXHIBIT 2 represents the original application. The Applicant is currently seeking a Marine Advisory Board recommendation for approval to install a four post boat lift adjacent to the previously permitted finger pier. This is facilitated via an amendment to the existing Resolution (Permit).

The proposed four-post boatlift, located on the north side of the angled finger pier, is designed to allow berthing within the 30% rule for the Applicants private vessel. It will extend a maximum of 25' into the Rio Vista Canal, as are explained within construction drawing within EXHIBIT 1.

RECOMMENDATIONS

Should the Marine Advisory consider approval of the application, the amended Resolution amendment under consideration for approval by the City Commission should include at least the following as prescribed in the ULDR and City Code of Ordinances:

1. The Applicant is required to comply with all applicable building and zoning regulations as well as any other Federal and State laws and permitting requirements including the Broward County Environmental Protection and Growth Management Department, the Florida Department of Environmental Protection and the U.S. Army Corps of Engineers.
2. The Applicant is required to provide guide poles on any portion of the mooring device that is capable of being submerged in accord with Code Section 8-91(d).
3. As a general condition of approval and in order to review for final consistency with construction of facilities in accord with this application and City building permits the Applicant is required to provide the City's Supervisor of Marine Facilities with copies of "As Built" drawings from a certified and licensed contractor.

AC
Attachment

cc:
Carl Williams, Deputy Director of Parks and Recreation
Jon Luscomb, Supervisor of Marine Facilities

MERSON BOATLIFT PROJECT

SUMMARY OF PROJECT

June 2013

This summary is prepared to detail the boatlift installation project proposed at the Steven Merson Residence ("Project"). Mr. Merson owns the property located at 621 Cordova Road, in the City of Fort Lauderdale (City). See attached drawings for location reference and detail of boatlift footprint. The boatlift is proposed as an accessory to the legally-permitted, existing dock, located across the street and adjacent to 621 Cordova Road on public property owned by the City.

BACKGROUND INFORMATION AND HISTORIC DOCK APPROVALS

Based on feedback from City staff, a modification to the City Commission Resolution is required to install a self-contained 18,000lb Sunstream boatlift adjacent to an existing dock. This boatlift is proposed as an accessory to this existing dock, and will be used for Mr. Merson's personal vessel.

Resolution No. 11-322 - Existing Dock Project: City of Fort Lauderdale Commissioners approved Resolution No. 11-322 for the existing dock at the Property in December 2011. The Commission approval was required because the dock structure was proposed adjacent to public property, across the street from the Cordova residence. See attached Resolution No. 11-322 for reference, required pursuant to City Code Section 8-144 - Private use of Public Property abutting waterways.

Building Permit for Existing Dock: City Building Permit No. 11121441 was issued in December 2011 for construction of the existing finger pier dock. The issuance of this building permit followed Commission approval. Within the building permit, both the existing setback for the dock and any proposed boats are included. See attached, a set of the approved plans.

Proximity to Setbacks: The boatlift is proposed entirely within the required 30 percent setback required of all boats moored at the legally-existing finger pier dock. In addition, the proposed boat also fits entirely within the same 30% setback requirement when moored on the boatlift.

Note also that the northernmost point of the proposed boatlift is located entirely in-line with the northernmost point of the existing finger pier dock.

CONCLUSIONS

Based on the above detail, the boatlift is proposed to be located entirely within an existing slip space approved under Resolution No. 11-322 in December 2011; this modification to the Resolution does not change any of the conditions contemplated in the original approval. The boatlift is essentially an accessory to the dock, and in the same footprint as that proposed for any boat/vessel moored at the legally-existing finger pier dock. Therefore, the Project Team requests approval of this Resolution modification request at the next Marine Advisory Board and City Commission meetings.

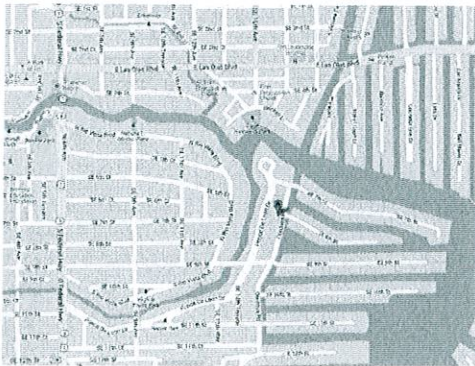
APPENDIX A

PROJECT DRAWINGS WITH BOATLIFT DETAIL



PROJECT ADDRESS

LOCATION MAP AND LEGAL DESCRIPTION



PROJECT SITE LOCATION:
621 CORDOVA ROAD
FORT LAUDERDALE, FL 33316

LATITUDE: 26° 6' 48.12" N
LONGITUDE: 80° 7' 38.14" W

PROJECT SITE LEGAL DESCRIPTION:
RIO VISTA ISLES
UNIT 3 7-47 B LOT 41,42
LESS S 25 BLK 30

GENERAL NOTES

1. ELEVATIONS SHOWN REFER TO THE NATIONAL GEODETIC VERTICAL DATUM (NOVD) OF 1929.
2. ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD.
3. IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF ENGINEER BEFORE PROCEEDING WITH WORK. CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE FOR ALL LINES, ELEVATIONS, AND NEAR REVISIONS IN CONNECTION WITH THEIR WORK.
4. IT IS THE INTENT OF THESE PLANS AND THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL PERMITS ISSUED FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE AND GOVERN HIMSELF BY ALL PROVISIONS OF THESE PERMITS.
5. APPLICABLE BUILDING CODE: FLORIDA BUILDING CODE, 2010 EDITION (AND CURRENT ADDENDUMS).
6. APPROVED CONTRACTOR TO DETERMINE THE SUITABILITY OF EXISTING STRUCTURES AND VERIFY ALL DIMENSIONS. THE APPROVED CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, MEANS, SEQUENCES AND PROCEDURES OF WORK.
7. DO NOT SCALE DRAWINGS FOR DIMENSIONS.
8. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK.
9. CONTRACTOR TO PROPERLY FENCE AND SECURE AREA WITH BARRICADES.
10. ANY DEVIATION AND/OR SUBSTITUTION FROM THE INFORMATION PROVIDED HEREIN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
11. ALL NEW MATERIALS AND/OR PATCHWORK SHALL BE PROVIDED TO MATCH EXISTING MATERIALS AND/OR ADJOINING WORK WHERE PRACTICAL EXCEPT AS SPECIFICALLY NOTED HEREIN.
12. LICENSED CONTRACTOR SHALL USE ALL POSSIBLE CARE TO PROTECT ALL EXISTING MATERIALS, SURFACES, AND FINISHES FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.
13. THE LICENSED CONTRACTOR TO INSTALL AND REMOVE ALL SHORING AND BRACING AS REQUIRED FOR THE PROPER EXECUTION OF THE WORK.
14. ALL NEW WORK AND/OR MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF EACH ADMINISTRATIVE BODY HAVING JURISDICTION IN EACH PERTAINING CIRCUMSTANCE.

BOLTS

1. ALL BOLTS SHALL BE HOT-DIPPED GALVANIZED, UNLESS OTHERWISE NOTED.

WOOD

1. PRIMARY WOOD FRAMING MEMBERS SHALL BE NUMBER 2 PRESSURE TREATED SOUTHERN PINE OR BETTER.
2. ALL DIMENSIONS ON PLANS ARE SUBJECT TO VERIFICATION IN THE FIELD.

DOCK, LL 50 PSF

CONCRETE

1. CONCRETE SHALL CONFORM TO ACI 318 (LATEST ED.) AND SHALL BE REGULAR WEIGHT, SULFATE RESISTANT, WITH A DESIGN STRENGTH OF 5,000 PSI AT 28 DAYS W/ A MAX WATER-CEMENTIOUS MATERIALS RATIO, BY WEIGHT, NORMAL WEIGHT AGGREGATE CONCRETE OF 0.40.
2. OWNER SHALL EMPLOY AND PAY FOR TESTING SERVICES FROM AN INDEPENDENT TESTING LABORATORY FOR CONCRETE SAMPLING AND TESTING IN ACCORDANCE WITH ASTM.
3. LICENSED CONTRACTOR IS RESPONSIBLE FOR THE ADEQUACY OF FORMS AND SHORING AND FOR SAFE PRACTICE IN THEIR USE AND REMOVAL.
4. CONCRETE COVER SHALL BE 4" UNLESS OTHERWISE NOTED ON APPROVED DRAWINGS.
5. REINFORCING STEEL SHALL BE IN CONFORMANCE WITH THE LATEST VERSION OF ASTM A615 GRADE 60 SPECIFICATIONS. ALL REINFORCEMENT SHALL BE PLACED IN ACCORDANCE WITH ACI 318 AND ACI MANUAL OF STANDARD PRACTICE.
6. SPACES IN REINFORCING BARS SHALL NOT BE LESS THAN 48 BAR DIAMETERS AND REINFORCING SHALL BE CONTINUOUS AROUND ALL CORNERS AND CHANGES IN DIRECTION. CONTINUITY SHALL BE PROVIDED AT CORNERS OR CHANGES IN DIRECTION BY BENDING THE LONGITUDINAL STEEL AROUND THE CORNER 48 BAR DIAMETERS.

PILE DRIVING NOTES

1. PILE DRIVING OPERATIONS SHALL BE OBSERVED BY A SPECIAL INSPECTOR, INCLUDING TEST PILES SUFFICIENT TO DETERMINE THE APPROXIMATE LENGTH REQUIRED TO MEET DESIGN CAPACITY.
2. PILES SHALL BE DRIVEN USING AN APPROVED CUSHION BLOCK CONSISTING OF MATERIAL SO ARRANGED SO AS TO PROVIDE THE TRANSMISSION OF THE HAMMER ENERGY.
3. PILES SHALL BE DRIVEN TO REQUIRED CAPACITY A MIN 12 INTO BERM.
4. PILES SHALL BE DRIVEN WITH A DROP HAMMER OR GRAVITY HAMMER PROVIDED THE HAMMER SHALL WEIGH NO LESS THAN 3,000 POUNDS, AND THE FALL OF THE HAMMER SHALL NOT EXCEED 6 FT.
5. PILES SHALL BE DRIVEN WITH A VARIATION OF NOT MORE THAN 1" PER FOOT FROM THE VERTICAL, OR FROM THE BATTER LINE INDICATED, WITH A MAX VARIATION OF THE HEAD OF THE PILE FROM THE POSITION SHOWN ON THE PLANS OF NOT MORE THAN 3".
6. WHERE PILING MUST PENETRATE STRATA OFFERING HIGH RESISTANCE TO DRIVING, THE STRUCTURAL ENGINEER OF RECORD OR SPECIAL INSPECTOR MAY REQUIRE THAT PILES BE SET IN PRE-DRILLED OR PUNCHED HOLES. THE PILES SHALL REACH THEIR FINAL PENETRATION BY DRIVING.

MERSON DOCK AND BOAT LIFT PROJECT

621 CORDOVA ROAD
FORT LAUDERDALE, FL 33316

CLIENT:
MR. STEVE MERSON
621 CORDOVA ROAD
FORT LAUDERDALE, FL 33316

ENVIRONMENTAL CONSULTANT:
OCEAN CONSULTING, LLC
340 Minorca Avenue, Suite 5
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:

SEAL / SIGNATURE / DATE

CONSTRUCTION DRAWINGS

Issue # Issue Date
① June 13, 2013

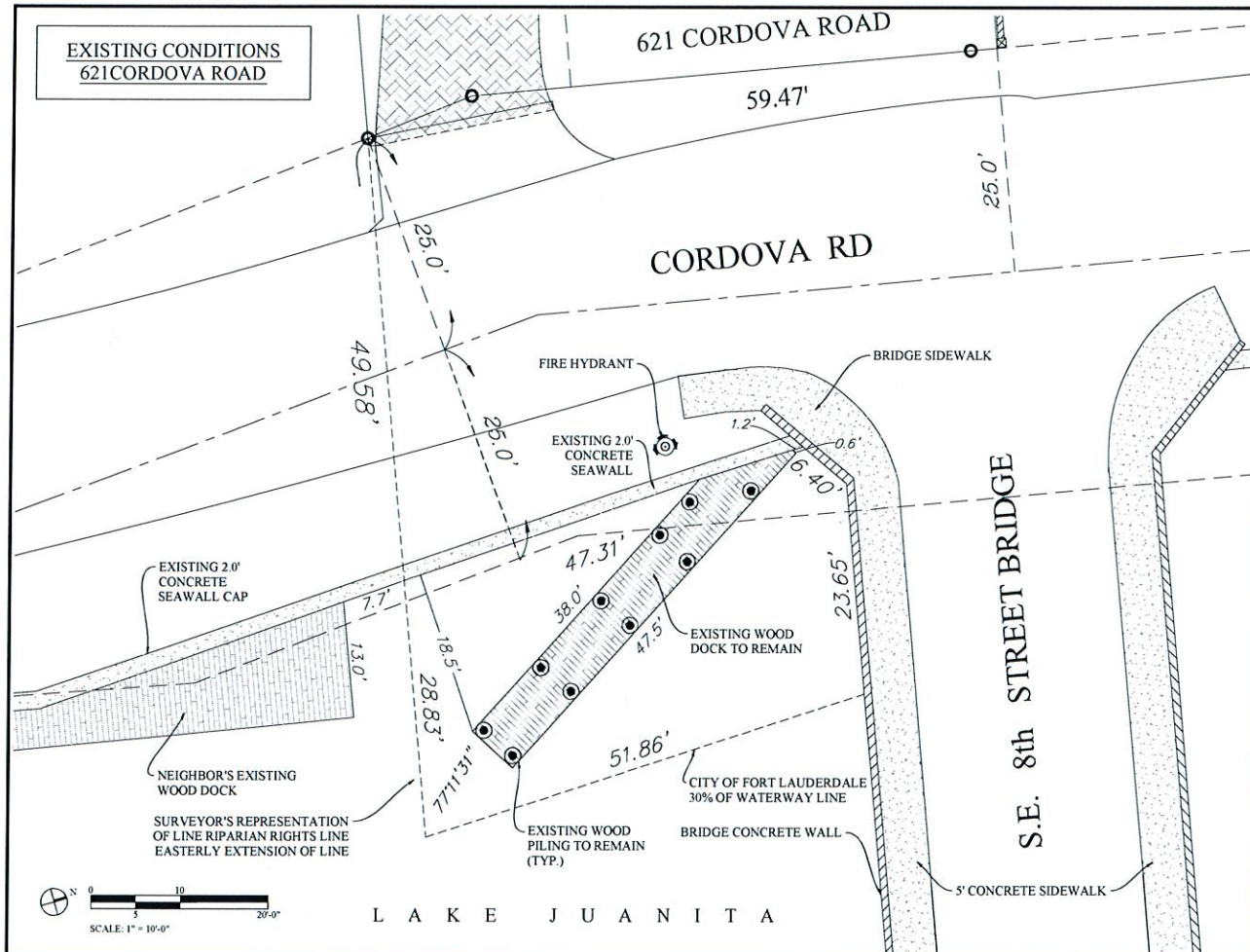
PROJECT: 13-3550

GENERAL NOTES &
LOCATION MAP

SCALE - AS SHOWN
SHEET NO.

S-1

**EXISTING CONDITIONS
621 CORDOVA ROAD**



**MERSON DOCK
AND BOAT LIFT
PROJECT**

621 CORDOVA ROAD
FORT LAUDERDALE, FL 33316

CLIENT:
MR. STEVE MERSON
621 CORDOVA ROAD
FORT LAUDERDALE, FL 33316

ENVIRONMENTAL CONSULTANT:
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Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:

SEAL / SIGNATURE / DATE

**CONSTRUCTION
DRAWINGS**

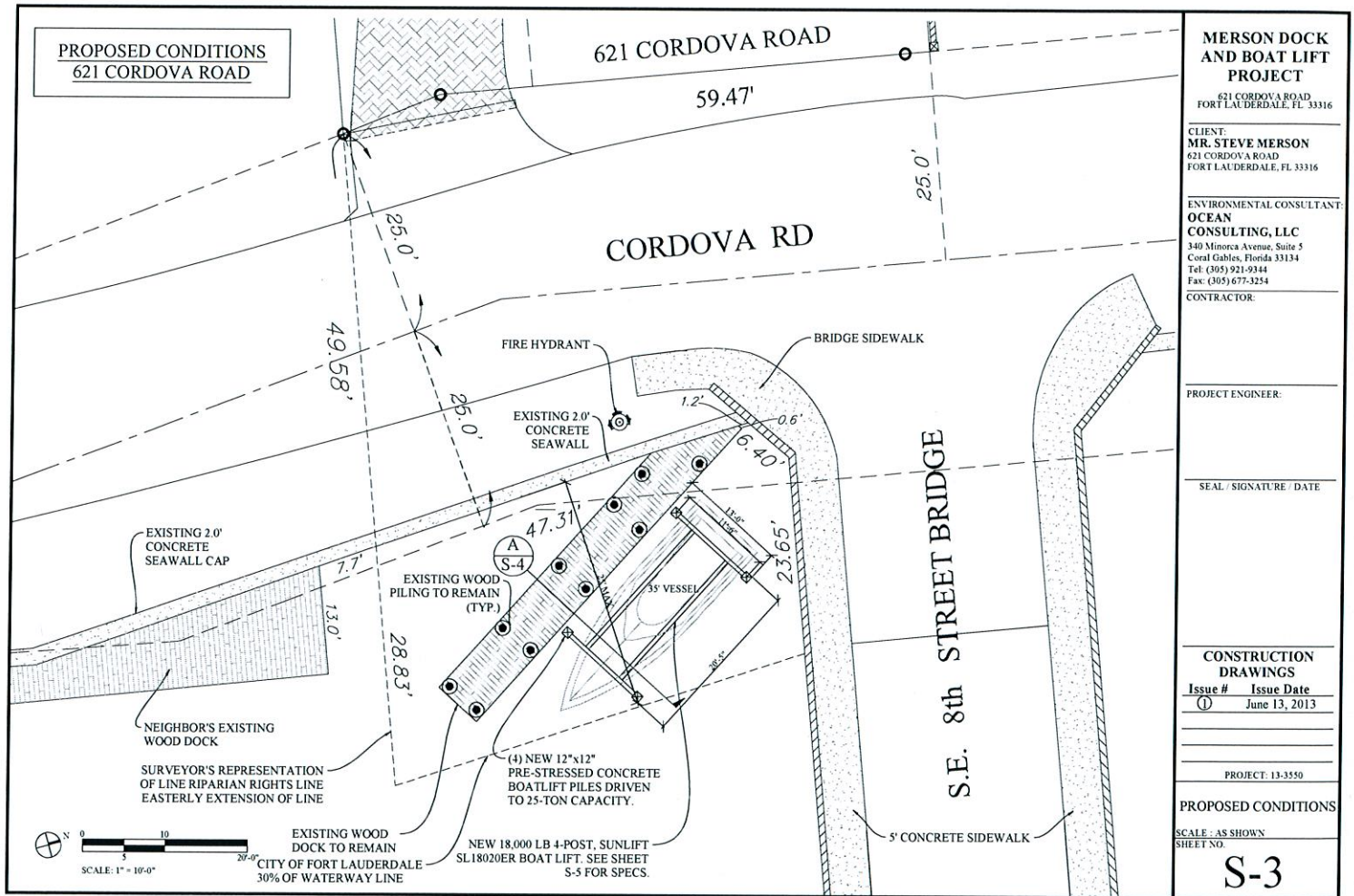
Issue #	Issue Date
①	June 13, 2013

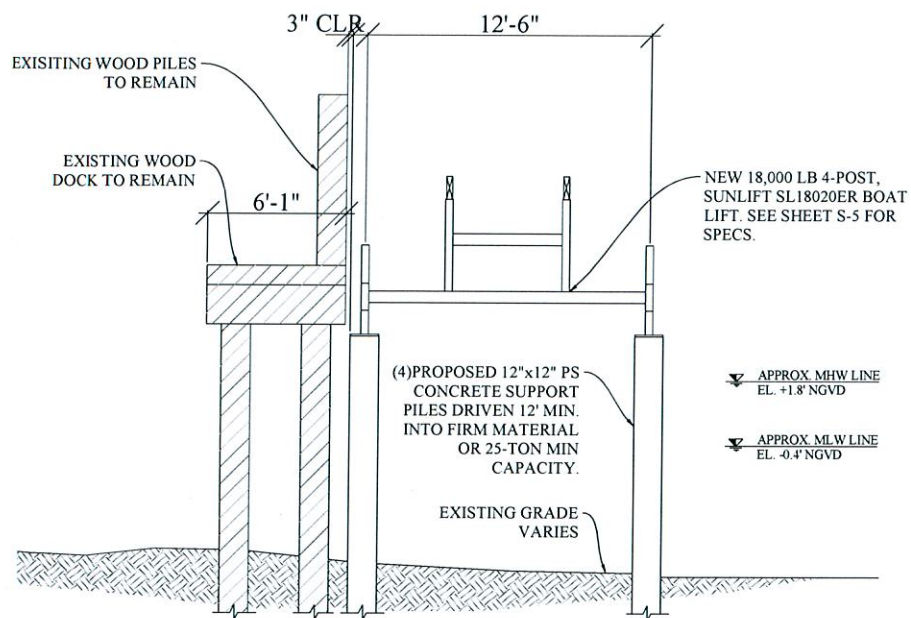
PROJECT: 13-3550

EXISTING CONDITIONS

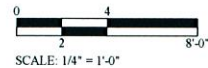
SCALE: AS SHOWN
SHEET NO.

S-2





SECTION A- PROPOSED BOAT LIFT (TYP)



MERSON DOCK AND BOAT LIFT PROJECT

621 CORDOVA ROAD
FORT LAUDERDALE, FL 33316

CLIENT:
MR. STEVE MERSON
621 CORDOVA ROAD
FORT LAUDERDALE, FL 33316

ENVIRONMENTAL CONSULTANT:
**OCEAN
CONSULTING, LLC**
340 Minorca Avenue, Suite 5
Coral Gables, Florida 33134
Tel: (305) 921-9344
Fax: (305) 677-3254

CONTRACTOR:

PROJECT ENGINEER:

SEAL / SIGNATURE / DATE

CONSTRUCTION DRAWINGS

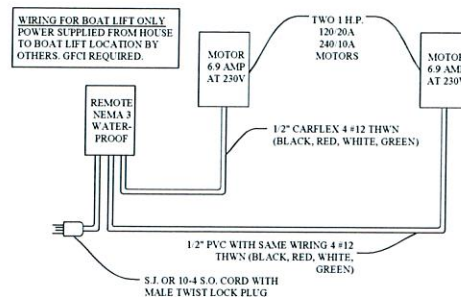
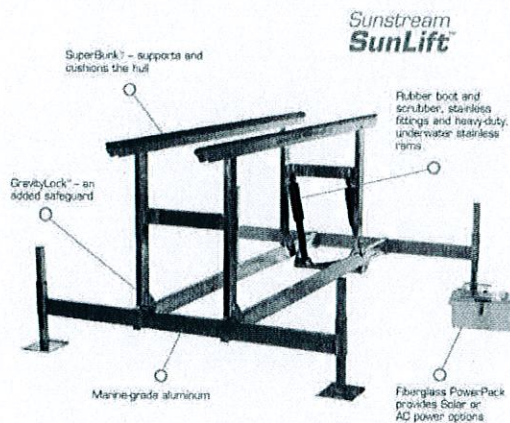
Issue #	Issue Date
①	June 13, 2013

PROJECT: 13-3550

**PROPOSED BOATLIFT
SECTION**

SCALE - AS SHOWN
SHEET NO.

S-4



ELECTRICAL DETAIL

Sunstream SunLift™

SunLift Model	SL2008AR	SL2008AR	SL3010	SL4010AR	SL6012AR	SL6012ER	SL10014ER	SL12019ER	SL18020ER	SL24028ER
Capacity (pounds)	2,000	2,000	3,000	4,000	6,000	8,000	10,000	12,000	18,000	24,000
Lifting Range*	35"/48"/60"	35"/48"/60"	48"	36"/48"/60"/72"/84"	36"/48"/60"/72"/84"	60"/72"/84"	60"/72"/84"	60"/72"/84"	60"/72"/84"	60"/72"/84"
Capacity at Max. Lifting Range	1,800	1,800	3,000	4,000	4,500	8,000	9,500	9,300	14,250	19,000
Bunk Length	5'	8'	10'	10'	12'	12'	14'	18'	20'	22'
Frame Length	95"	95"	10'5"	10'5"	12'5"	12'5"	14'5"	18'5"	20'5"	24'
Frame Width	5'6"	5'8"	9'5"	9'5"	10'	11'	11'	11'	12'6"	12'6"
Weight (pounds)	200	210	450	550	655	1,000	1,050	1,500	2,000	2,500
Lifting Speed (Typ.)	15 sec	15 sec	15 sec	25 sec	35 sec	50 sec	50 sec	50 sec	55 sec	60 sec
Min. Water Depth Required (Typ.)	18"	18"	23"	25"	27"	36"	40"	44"	50"	62"
Min. Depth w/Shallow Water Ruler (Typ.)	N/A	N/A	N/A	16"	17"	30"	34"	38"	N/A	N/A
Remote Control	Opt.	Opt.	Opt.	Std.	Std.	Std.	Std.	Std.	Std.	Std.
Lag Lengths Available	2'-12"	2'-12"	2'-10"	2'-10"	2'-10"	2'-10"	2'-10"	2'-10"	2'-10"	2'-10"

*Some lifting ranges require optional lag extensions. Standard ranges are shown with standard (standard) 25'.

**Specify Order Model 10' 12' Range.

MERSON DOCK AND BOAT LIFT PROJECT

621 CORDOVA ROAD
FORT LAUDERDALE, FL 33316

CLIENT:
MR. STEVE MERSON
621 CORDOVA ROAD
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ENVIRONMENTAL CONSULTANT:
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CONTRACTOR:

PROJECT ENGINEER:

SEAL / SIGNATURE / DATE

CONSTRUCTION DRAWINGS

Issue # Issue Date
① June 13, 2013

PROJECT: 13-3550

BOAT LIFT DETAIL

SCALE: AS SHOWN
SHEET NO.

S-5

APPENDIX B

RESOLUTION 11-322 FOR EXISTING FINGER PIER DOCK

RESOLUTION NO. 11-322

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF FORT LAUDERDALE, FLORIDA, PERMITTING, PURSUANT TO SECTION 8-144 OF THE CODE OF ORDINANCES OF THE CITY OF FORT LAUDERDALE, FLORIDA, THE CONSTRUCTION, USE AND MAINTENANCE OF AN ANGLED FINGER PIER ON PUBLIC PROPERTY ABUTTING THE WATERWAY ADJACENT TO CORDOVA ROAD BY APPLICANT STEVEN MERSON; SAID FINGER PIER LOCATED EASTWARD OF THE SOUTHERLY PORTION OF APPLICANT'S RESIDENCE AT 621 CORDOVA ROAD, THE LEGAL DESCRIPTION OF SUCH RESIDENCE BEING MORE PARTICULARLY DESCRIBED BELOW; SETTING FORTH CERTAIN TERMS AND CONDITIONS; REQUIREMENT FOR RECORDING A CERTIFIED COPY OF THIS RESOLUTION IN THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; REPEALING ANY RESOLUTION IN CONFLICT HEREWITH; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Steven Merson ("Applicant") has made application for the use of public property abutting a waterway in accordance with the provisions of Section 8-144 of the Code of Ordinances of the City of Fort Lauderdale; and

WHEREAS, Steven Merson ("Applicant") owns the following described Property located in Fort Lauderdale, Broward County, Florida:

Lots 41 & 42, less the South 25 feet of Block 30, "RIO VISTA ISLES UNIT 3", according to the Plat thereof, as recorded in Plat Book 7, Page 47, of the Public Records of Broward County, Florida.

(Street Address: 621 Cordova Road, Fort Lauderdale, FL 33301)

(Folio # 5042 11 18 3600)

(Hereinafter, "Property")

WHEREAS, "Applicant" has made application for construction, use and maintenance of a 48' L X 6' W angled finger pier on public property abutting the waterway adjacent to Cordova Road and within the Eastward extension of the Southerly portion of Applicant's Property, in accordance with the provisions of Section 8-144 of the Code of Ordinances of the City of Fort Lauderdale; and

WHEREAS, such application was reviewed at the October 6, 2011 Marine Advisory Board meeting and approval of this application by the City Commission was unanimously recommended, with certain conditions attached as more particularly set forth hereinafter; and

WHEREAS, the City Commission of the City of Fort Lauderdale is desirous of approving repair and maintenance of said finger pier, pursuant to the terms of Section 8-144 of the Code of Ordinances and subject to certain other terms and conditions;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF FORT LAUDERDALE, FLORIDA:

SECTION 1. That pursuant to Section 8-144 of the Code of Ordinances of the City of Fort Lauderdale, permission is hereby granted to Steven Merson ("Permit Holder") for the construction, use and maintenance of a 48' long X 6' wide angled finger pier, on public property abutting the waterway adjacent to Cordova Road (hereinafter, "Angled Finger Pier") being immediately East of Applicant's Property which is described above.

SECTION 2. The granting of this Permit is subject to all of the provisions of City Code Section 8-144 as well as the following terms and conditions, violation of any of which shall be grounds for revocation of the Permit:

1. As a special condition in accord with City Code section 8-144(1), the initial period of the Permit for use of the Dock and Mooring Piles will be for a minimum of five (5) years in exchange for such improvements required to maintain the seawall and dock in accord with the recommendation of the City Engineer. The Permit can be revoked by the City Commission with ninety (90) days advance notice.
2. As a special condition, the City reserves the right to remove the existing Angled Finger Pier for (i) replacement of the seawall or (ii) repair and maintenance of the adjacent S.E. 8th Street Bridge, or both (i) and (ii) in the event that this might be required during the term of the Permit as determined by the City Engineer. The sole cost of removal and replacement of the Angled Finger Pier shall be the responsibility of the Permit Holder should any portion not be salvageable.
3. As a special condition of the Permit, the Permit Holder is prohibited from erecting any signs, landscaping or fencing to restrict public access to the Dock Area, except where permitted by Code. The "Dock Area" is that area bounded on the South by the Easterly

extension of the South Boundary Line of the Property and on the North by the S.E. 8th Street Bridge Abutment, less the paved portion of Cordova Road. The Dock Area includes the finger pier and adjoining seawall.

4. All existing improvements to the Dock Area must be in accord with City Engineering design standards and in compliance with applicable building and zoning permit requirements. Copies of all construction permits must be submitted to the Supervisor of Marine Facilities upon completion and authorization by the City's Building Services Department.
5. As a special condition, vessels berthed within the Dock Area are prohibited from extending beyond the maximum distance of 30% of the width of the waterway (determined by the City Surveyor to be a maximum of 30' based on the platted canal width of 100').
6. As a special condition, vessels berthed within the Dock Area must not encroach into the 5' set-back required for the RS-8 zoning district for the Property.
7. As a special condition of the permit, in the event Permit Holder is found by the City Commission to have violated any of the above conditions or is found by the Code Enforcement Board, Special Magistrate or County Court Judge to have violated any Code sections relative to the use of the Angled Finger Pier, then the Permit granted herein may be repealed or rescinded by the City Commission upon thirty days' advance notice to the Permit Holder.
8. Use of the Angled Finger Pier is limited to the docking of a vessel or vessels owned by the Permit Holder with a copy of the documentation showing the name and registration number of all vessels provided by the Applicant to the Supervisor of Marine Facilities.
9. The Permit Holder is prohibited from mooring any watercraft or vessel in such a manner that it is "rafted out" from any additional vessel owned or operated by the Applicant.

SECTION 3. That by acceptance of the benefits of this Resolution, Permit Holder waives any right, title, interest or claim to the Dock Area other than by, through or under this Resolution and as members of the public generally, and Permit Holder acknowledges that such Dock Area is part of the public right-of-way for Cordova Road, fee simple title to which is vested in the City of Fort Lauderdale.

SECTION 4. Permit Holder shall obtain all applicable permits prior to constructing any improvements to the Dock Area, including City of Fort Lauderdale Engineering Permits. All improvements to the Dock Area shall be in accordance with City of Fort Lauderdale Engineering design standards. Improvements to the Dock Area shall be done according to City Engineering design standards and in compliance with all other applicable codes and permit conditions. Design criteria shall meet acceptable installation standards for temporary removal of the deck structure or the dock and support pilings (if required) to allow replacement of the seawall. The sole cost of removal and replacement of the Dock is the responsibility of the Permit Holder should any portion not be salvageable.

SECTION 5. The term of the Permit granted herein shall be five (5) years from the date hereof, subject to revocation as set forth in Section 3 hereof and further subject to revocation at the will of the City Commission with a minimum of ninety (90) days advance notice to the Permit Holder should the City Commission deem it appropriate for any reason or other purpose.

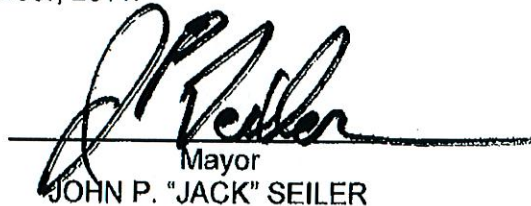
SECTION 6. That the City Clerk is hereby directed to record a certified copy of this Resolution in the Public Records of Broward County, Florida and after recording to file same in the City's records.

SECTION 7. That any Resolution or any parts of Resolution in conflict herewith are hereby repealed.

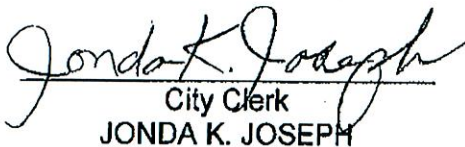
SECTION 8. That this Resolution shall be in full force and effect upon final passage.

ADOPTED this the 15th day of November, 2011.

ATTEST:



Mayor
JOHN P. "JACK" SEILER



City Clerk
JONDA K. JOSEPH

L:\COMM2011\Resos\Nov15\11-322.doc

APPENDIX C

PREVIOUSLY-APPROVED FINGER PIER DOCK PLANS

FILE COPY

11121441

CITY OF FT. LAUDERDALE, FLORIDA CONSTRUCTION SERVICES		
PLANS/SECTION	APPROVED BY	DATE
ZONING	<i>12/29/11</i>	<i>12/29/11</i>
STRUCTURAL	<i>12/29/11</i>	<i>12/29/11</i>
ELECTRICAL	<i>12/29/11</i>	<i>12/29/11</i>
MECHANICAL		
PLUMBING		
LANDSCAPING		
FIRE DEPT.		
ENGINEERING	<i>12/29/11</i>	<i>12/29/11</i>

ANY DEVIATION FROM THE BUILDING CODE OR THESE PLANS BY OVERSIGHT, ERROR OR OMISSION SHALL BE THE RESPONSIBILITY OF THE APPLICANT. NO REVISIONS WILL BE MADE WITHOUT THE PLAN OR SITE APPROVAL. NO INSPECTION DATE REQUIRED WITHIN 180 DAYS OF ABOVE DATE THIS PERMIT IS VOID.

BROWARD COUNTY PLANNING AND ENVIRONMENTAL DIVISION
ENVIRONMENTAL REVIEW SECTION
PERMIT NOT REVIEWED

IF A BUILDING PERMIT IS NOT APPLIED FOR WITHIN 90 DAYS OF THE BROWARD COUNTY PLANNING AND ENVIRONMENTAL DIVISION PERMIT, THE PERMIT WILL BE AUTOMATICALLY REVOKED AND THE APPLICANT WILL BE REQUIRED TO REAPPLY FOR A NEW PERMIT.

BROWARD COUNTY
DEVELOPMENT AND ENVIRONMENTAL
REGULATION DIVISION
ENVIRONMENTAL REVIEW SECTION
APPROVAL FOR: *Doc 26x48*

ANY OTHER SUBSEQUENT USE REQUIRES DERD ENVIRONMENTAL REVIEW APPROVAL

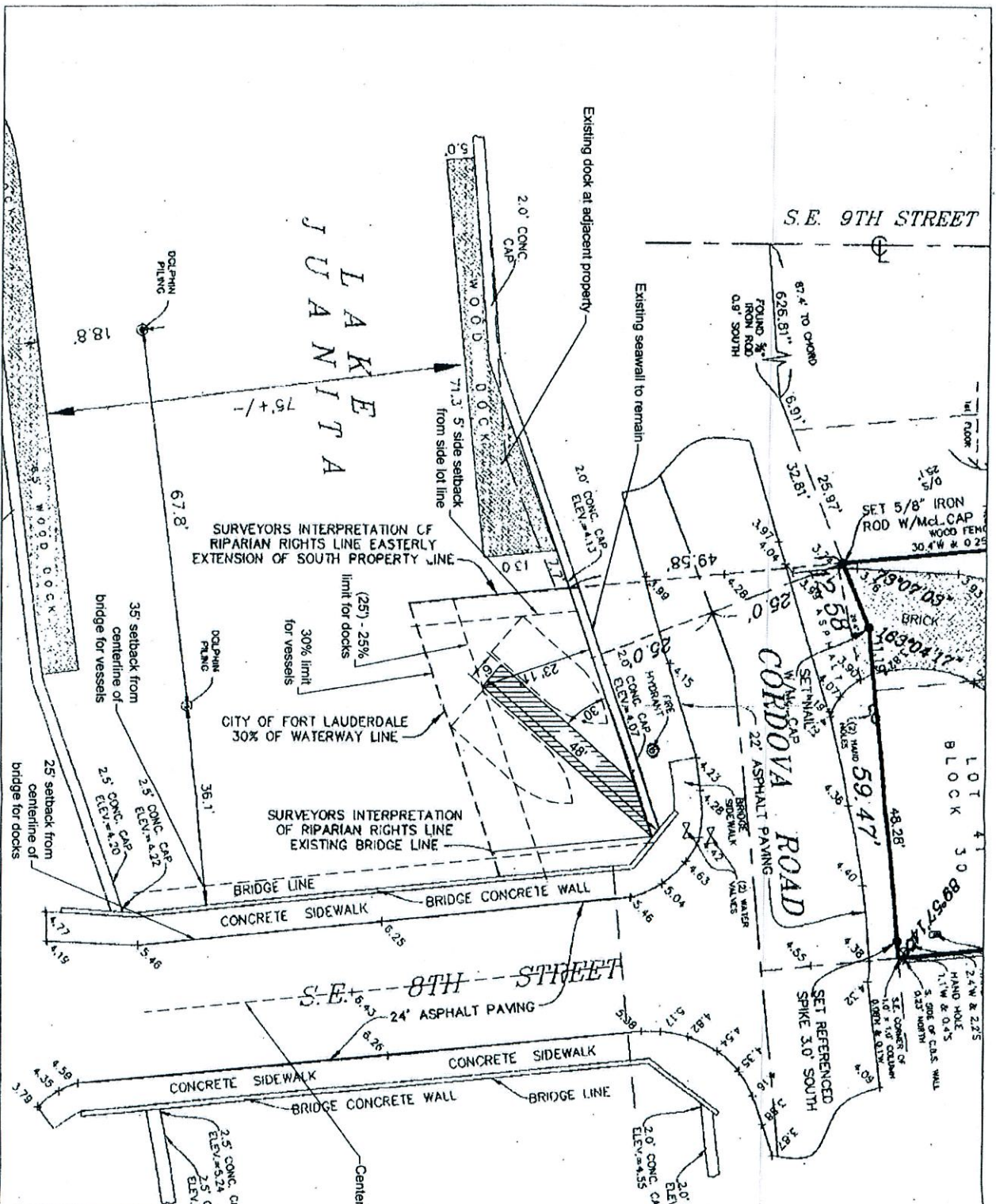
DERD BY: *DNC* DATE: *DEC 21 2011*

BROWARD COUNTY
DEVELOPMENT AND ENVIRONMENTAL
REGULATION DIVISION
ENVIRONMENTAL REVIEW SECTION
APPROVAL FOR: *Doc 26x48*

ANY OTHER SUBSEQUENT USE REQUIRES DERD ENVIRONMENTAL REVIEW APPROVAL

DERD BY: *DNC* DATE: *DEC 21 2011*

P.B. 41,42/30

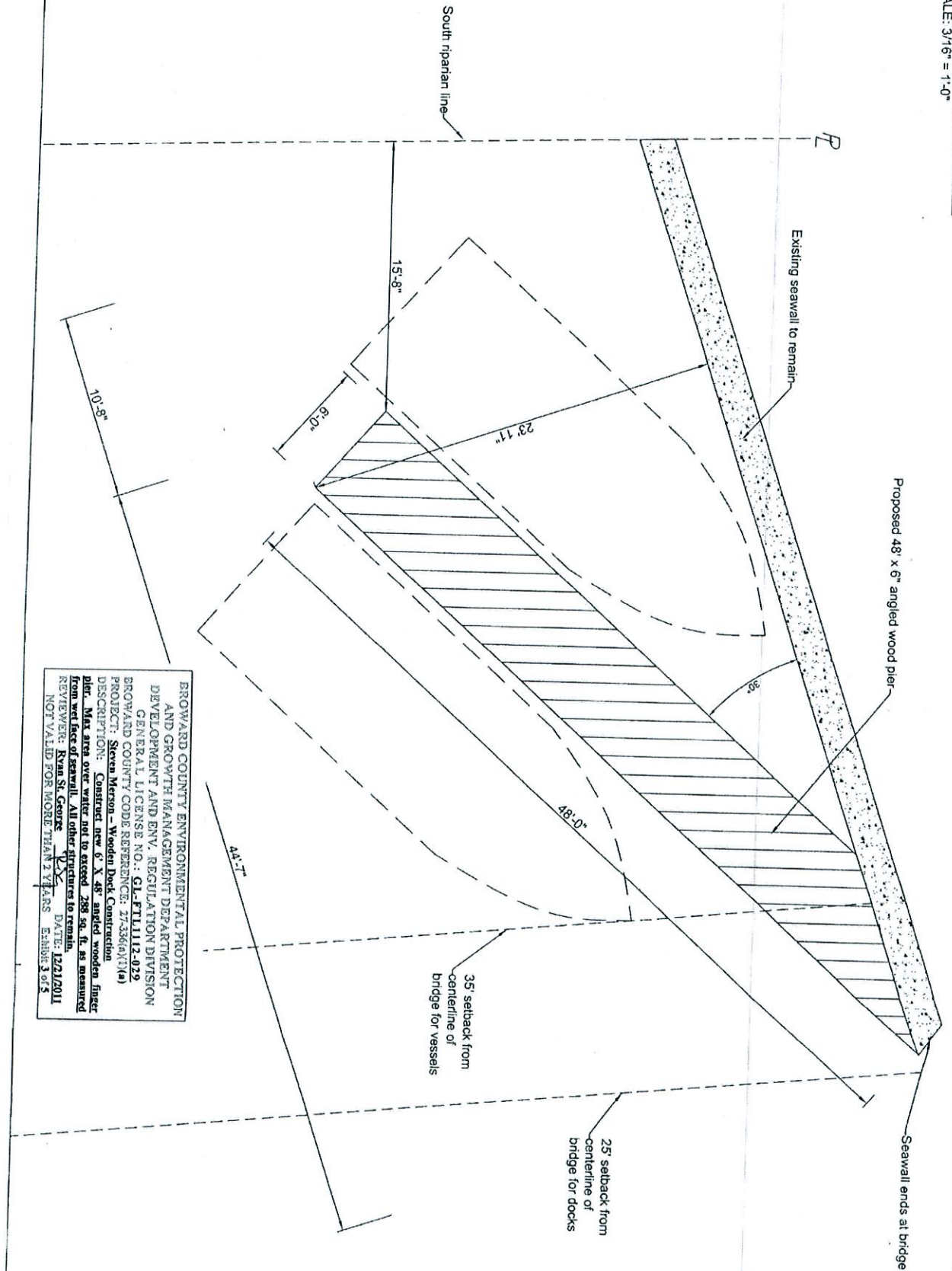


**PROPOSED
CONDITIONS**
SCALE: 1" = 20'-0"

BROWARD COUNTY ENVIRONMENTAL PROTECTION
AND GROWTH MANAGEMENT DEPARTMENT
DEVELOPMENT AND ENV. REGULATION DIVISION
GENERAL LICENSE NO.: CL-ET11112-029
BROWARD COUNTY CODE REFERENCE: 27-336(4)(16)
PROJECT: Steven Merson - Wooden Deck Construction
DESCRIPTION: Construct new 6' X 48' angled wooden finger
pier. Max area over water not to exceed 238 sq. ft. as measured
from wet face of seawall. All other structures to remain.
REVIEWER: Ryan St. George DATE: 12/21/2011
NOT VALID FOR MORE THAN 2 YEARS EXPIRATION 2-01-5

DOCK LOCATION PLAN

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

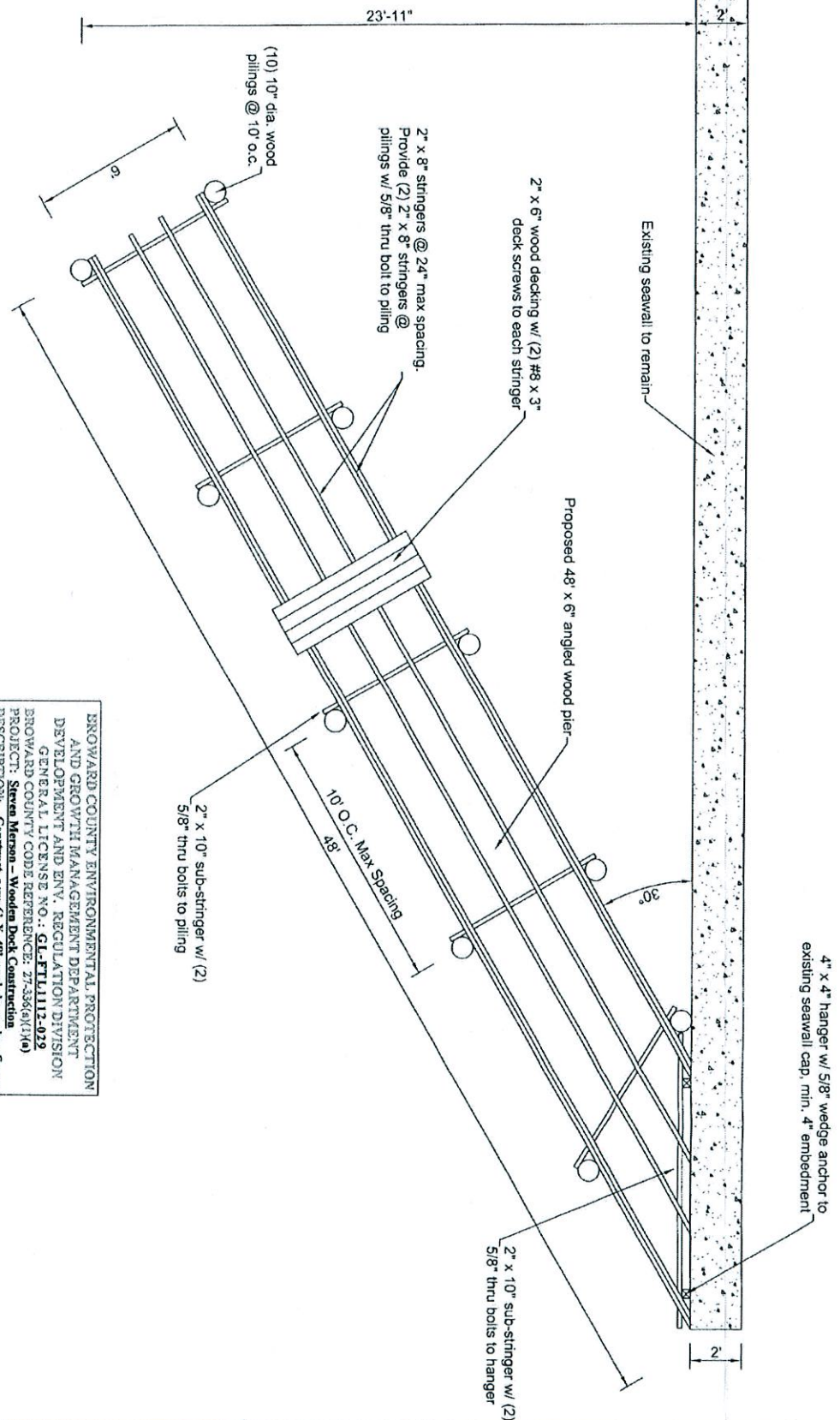


BROWARD COUNTY ENVIRONMENTAL PROTECTION
AND GROWTH MANAGEMENT DEPARTMENT
DEVELOPMENT AND ENV. REGULATION DIVISION
GENERAL LICENSE NO.: GL-FTL1112-022
BROWARD COUNTY CODE REFERENCE: 27-336(4)(1)(a)
PROJECT: Steven Merson - Wooden Dock Construction
DESCRIPTION: Construct new 6' x 48' angled wooden finger
pier. Max area over water not to exceed 288 sq. ft. as measured
from wet face of seawall. All other structures to remain.
REVIEWER: Ryan St. George DATE: 12/21/2011
NOT VALID FOR MORE THAN 2 YEARS EXHIBIT 3 OF 5

NOT VALID UNLESS SIGNED WITH THE PROPOSED SEAL 12/21/11 James Bushouse, P.E. Professional Engineer #20311 State of Florida	ANGLED WOOD PIER FOR: MERSON RESIDENCE 621 CORDOVA ROAD FORT LAUDERDALE, FL	PREPARED FOR: BK MARINE CONSTRUCTION, INC. 3500 SW 14th STREET DEERFIELD BEACH, FL 33442 954-421-2321 CGC052820	James Bushouse, Inc. CONSULTING ENGINEERS L.B. #27565 1178 S.W. 4th COURT BOCA RATON, FLORIDA 33432 (561) 417-3891 216 E. MAGNOLIA STREET APOCATA, FLORIDA 34156 (863) 491-8242
	DATE: 12/09/2011 DRAWN BY: DM CHECKED BY: JG JOB NO.:	SCALE: AS NOTED NOTES/REVISIONS:	

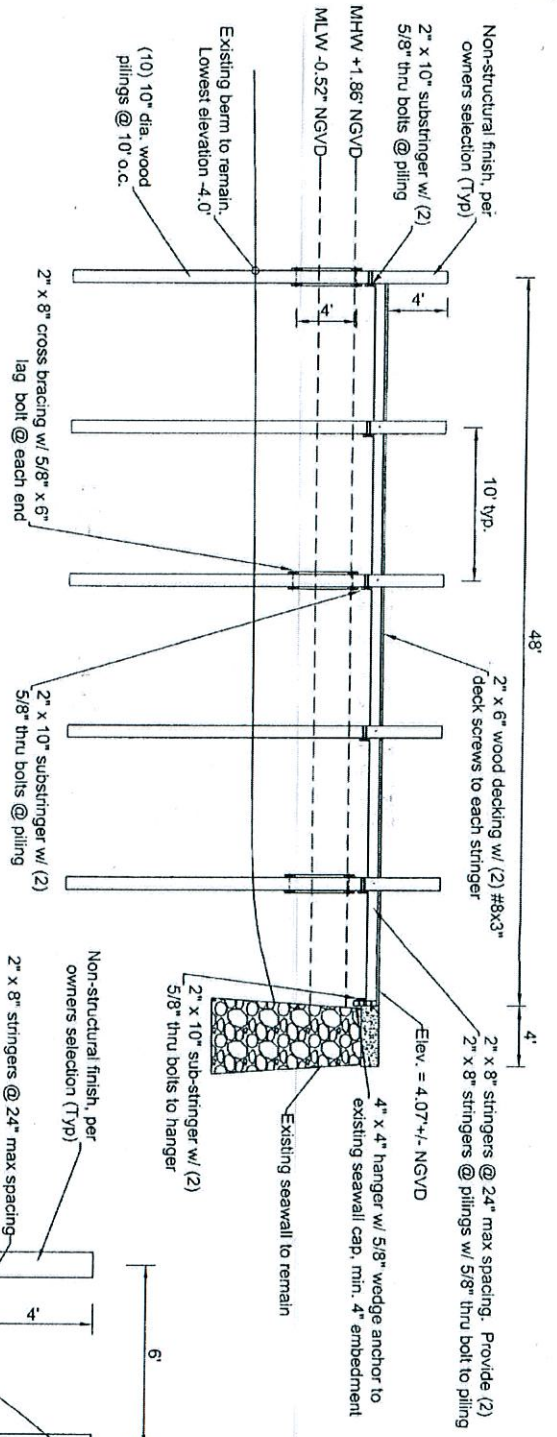
FRAMING PLAN

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



BROWARD COUNTY ENVIRONMENTAL PROTECTION
AND GROWTH MANAGEMENT DEPARTMENT
DEVELOPMENT AND ENV. REGULATION DIVISION
GENERAL LICENSE NO.: GL-FT/L1112-029
BROWARD COUNTY CODE REFERENCE: 27-336(4)(a)
PROJECT: Steven Merison - Wooden Dock Construction
DESCRIPTION: Construct new 6' X 48' angled wooden finger
pier. Max area over water not to exceed 288 sq. ft. as measured
from wet face of seawall. All other dimensions to remain.
REVIEWER: Ryan St. George DATE: 12/21/2011
NOT VALID FOR MORE THAN 1 YEAR. Exhibit 4 of 5

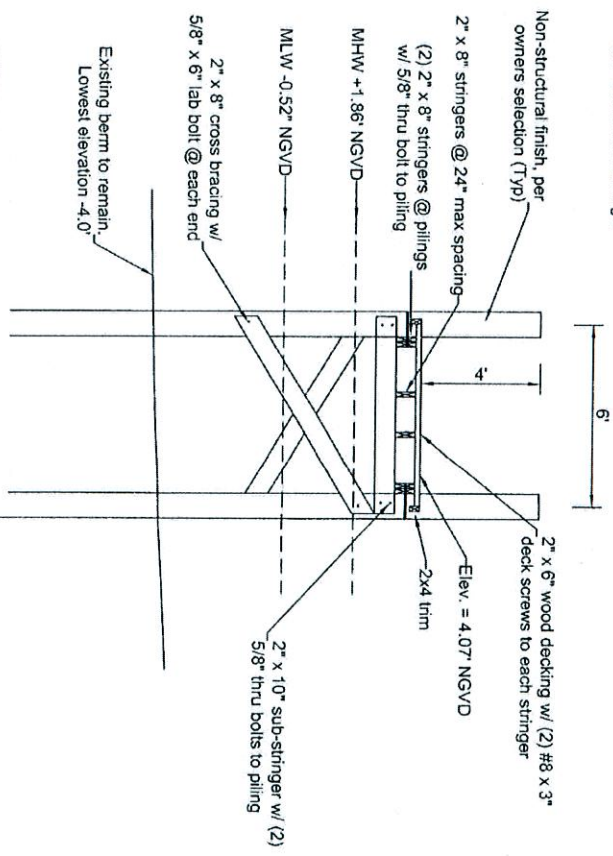
NOT VALID UNLESS SEALED WITH THE EMBOSSED SEAL: James Bushouse, P.E. Professional Engineer #70311 State of Florida	ANGLED WOOD PIER FOR: MERSON RESIDENCE 621 CORDOVA ROAD FORT LAUDERDALE, FL	PREPARED FOR: BK MARINE CONSTRUCTION, INC. 3500 SW 14th STREET DEERFIELD BEACH, FL 33442 954-421-2321 CGC052820	James Bushouse, Inc. CONSULTING ENGINEERS L.B. #27565 1176 S.W. 4th COURT BOCA RATON, FLORIDA 33432 (561) 417-3891 216 E. MAGNOLIA STREET APOCATA, FLORIDA 34768 (883) 481-8242
	DATE: 12/20/2011 SCALE: AS NOTED DRAWN BY: JMB CHECKED BY: JMB JOB NO.:	SHEET NO. 2 OF 3	



PIER ELEVATION
SCALE: 1/8" = 1'-0"

- General Notes:**
1. Wood piling to be 10" dia., 2.5 lb CCA treated.
 2. All piles to be driven a minimum of 8' into strata. If hard strata is encountered, a minimum 2' penetration is required.
 3. All framing materials to be pressure treated, southern yellow pine, grade 2 or better, min. Fb = 1200 psi or better.
 4. All hardware to be galvanized or stainless steel.
 5. Approved contractor to verify all dimensions. The approved contractor is responsible for all methods, means, sequences, and procedures of work.
 6. Any deviation &/or substitution from the approved plans herein shall be submitted to the Engineer for approval prior to commencement of work.
 7. Elevations shown are based on the national geodetic vertical datum of 1929.
 8. Design in accordance with 2007 Florida Building Code, with 2009 Amendments.

PIER
SCALE: 1/4"



BROWARD COUNTY ENVIRONMENTAL PROTECTION
AND GROWTH MANAGEMENT DEPARTMENT
DEVELOPMENT AND ENV. REGISTRATION DIVISION
GENERAL LICENSE NO.: 51-FT11112-922
BROWARD COUNTY CODE REFERENCE: 27-3360(1)(b)
PROJECT: Steven Merson - Wooden Dock Construction
DESCRIPTION: Construct new 6' x 48' angled wooden finger pier. Max area over water not to exceed 288 sq. ft. as measured from wet face of seawall. All other structures to remain.
REVIEWER: Ryan St. George DATE: 12/21/2011
NOT VALID FOR MORE THAN 2 YEARS Exhibit 5 of 5

James Bushouse, Inc. CONSULTING ENGINEERS L.B. #27565 1170 S.W. 4th COURT BOCA RATON, FLORIDA 33432 (561) 417-3871 216 E. MAGNOLIA STREET ARCADIA, FLORIDA 34266 (863) 491-8242		PREPARED FOR: BK MARINE CONSTRUCTION, INC. 3500 SW 14th STREET DEERFIELD BEACH, FL 33442 954-421-2321 CGC052820		ANGLED WOOD PIER FOR: MERSON RESIDENCE 821 CORDOVA ROAD FORT LAUDERDALE, FL		HOT VALID UNLESS SEALED WITH THE EMBOSSED SEAL 12/9/11 James Bushouse, P.E. Professional Engineer #20311 State of Florida		DATE: 12/20/2011 SCALE: AS NOTED DRAWN BY: JH CHECKED BY: JH DESIGNED BY: JH PROJECT NO: 3 OF 3
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