

**TECHNICAL PLANS & SPECIFICATIONS
FOR
NEW FLOATING DOCK & GANGWAY**

**SEDGE ISLAND WMA
BARNEGAT BAY
ISLAND BEACH STATE PARK**

**STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION, COMMISSIONER
BOB MARTIN
NATURAL & HISTORIC RESOURCES, ASSISTANT COMMISSIONER
RICHARD BOORNAZIAN**



PREPARED FOR:

**THE STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NATURAL AND HISTORIC RESOURCES**

PREPARED BY:

**THE STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF RESOURCE DEVELOPMENT**

DEP PROJECT #: NHR 05-17

AUGUST 3, 2016

INSTRUCTIONS TO BIDDERS

1. BID

- A. Sealed bids for the work described herein will be received by the Office of Resource Development located at 275 Freehold – Englishtown Road, Englishtown, New Jersey 07726.
- B. Bids are to be submitted on "Request for Proposal" form, herewith provided. Bids not submitted on this form and in accordance with the instructions contained therein shall be considered non-responsive and shall be rejected. Bids submitted without a signature endorsement shall also be considered non-responsive. Facsimile submittals will not be accepted. Completed "W-9 Vendor Questionnaire", Ownership Disclosure, MacBride Principles, Affirmative Action, "PL2005, Chapter 51 and PL2005, Chapter 29" forms, herewith provided must also be submitted with the bid. Copy of the contractor's registration certificate shall be provided with the bid. It is recommended that a copy of the business registration certificate is provided with the submitted bid.
- C. Bidders shall submit a lump sum base bid for the entire work described herein. The amount shall be entered on the "Request for Proposal" form, where the appropriate description has been provided. Bids shall reflect the equipment and/or material(s) specified. Substitution shall only be considered after completion of the bidding process. Substitution requirements are explained on Page GC-3.
- D. Bids must be received and time-stamped by the Office of Resource Development before the closing date and time, as stated on the "Request for Proposal" form. Bidders are cautioned that reliance on mail carriers for timely delivery of bids is at the bidder's risk. Bids received and time-stamped after the prescribed time will be considered non-responsive.
- E. To facilitate award of contract, Bidders are requested to submit, along with the bid proposal an insurance certificate(s) as specified on the "Request for Proposal" form.
- F. In the event of similar bids, the earliest time-stamped entry will be considered the low bid.

2. AWARD

- A. Award of contract will be based upon the lowest responsible bid.
- B. The Office of Resource Development reserves the right to reject all bids.
- C. Results of the bidding will be made available upon request.
- D. Award of contract shall not be interpreted to mean approval to proceed with construction activities.

MANDATORY PRE-BID MEETING

3. SITE VISIT

- A. The project site is situated on Sedge Island located in Barnegat Bay west of Island Beach State Park, Ocean County, NJ. See map provided within these specifications for project location. Examination of the area and proposed items of work can be conducted at the Contractor's convenience. All bidders shall thoroughly examine the site to be fully acquainted with conditions to be met under this contract.

GENERAL CONDITIONS

1. DEFINITIONS

- A. The Contracting Agency for this project will be the Office of Resource Development. All matters dealing with this contract and payment should be directed to Bob Kunze, telephone number (609) 273-4568.
- B. The Using Agency/Owner for this project will be the Division of Parks and Forestry.
- C. The Using Agency Representative will be Bob Kunze at telephone number (609) 273-4568. For purposes of this contract, he will act as the Owner's project coordinator and inspector. He shall judge the quantity, quality, fitness and acceptability of all parts of the work. All work shall be coordinated with the Using Agency.
- D. The Area Contact is N/A. He(She) may be contacted at telephone number N/A.
- E. The Architect/Engineer for this project will be Office of Resource Development, Mr.(Ms.) Bob Kunze, telephone number (609) 273-4568. All technical questions can be directed to him (her).

2. SUBMITTALS

The following documents and/or materials are required and must be submitted by the Bid/Contractor during the noted project periods:

A. *Bid Response Period:*

"Request for Proposal" form, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

"W-9 Vendor Questionnaire" form, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Contractors Registration Certificate, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Restrictions on Political Contributions form, PL2005, C51, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Source Disclosure Certification form, PL2005, C92, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

"MacBride Principles" form, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

"Affirmative Action" form, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

Ownership Disclosure Form, identified within these specifications under Instructions to Bidders, Item 1, Page IB-1.

B. Pre-Construction Period:

Insurance Certificate(s), identified within these specifications under Instructions to Bidders, Item 1, Page IB-1 and specified under General Conditions, Item 3, Page GC-2.

Copies of Business Registration Certificates for contractor as well as all named subcontractors and/or suppliers.

C. Construction Period:

If stipulated, provide selection samples, record samples, shop drawings, diagrams, schedules, lists, illustrations, performance charts, catalog cuts, and brochures.

D. Close-Out Period:

Letter of Guarantee, guaranteeing quality and workmanship for a period of one year from date of final acceptance of the project.

Manufacturer's guarantees and warranties.

Payment Voucher, form ADM 310.

Copies of Business Registration Certificates for subcontractors and/or suppliers.

3. **INSURANCE REQUIREMENTS**

A. The Contractor shall submit insurance certificates in the following minimum coverage's:

(1) **Workmen's Compensation** - \$250,000

(2) **Comprehensive Liability**

a. Bodily Injury - \$1,000,000 each occurrence

b. Property Damage - \$1,000,000 each occurrence

(3) **Vehicle Liability**

a. Bodily Injury - \$500,000 each occurrence

b. Property Damage - \$250,000 each occurrence

B. The Insurance Policy shall name the State of New Jersey, Department of Environmental Protection as the co-insured and shall be identified by specification title.

4. **USE OF PREMISES**

A. The Contractor shall coordinate requirements for available utilities/facilities with the Area Contact and/or the Using Agency Representative.

B. The Contractor shall confine his apparatus, the storage of materials and equipment, and the operation of his workmen to limits or directions of the Area Contact, and shall not unreasonably encumber the premises with his materials.

5. **PROTECTION AND LIABILITY**

- A. Protection and security of persons and property during the construction period from loss by theft, vandalism, pilfering, fire, water, wind, etc., shall be provided by the Contractor as the conditions at the site warrant. The Contractor shall be responsible for securing his own plant, equipment, and all materials scheduled for the project.
- B. If any direct or indirect damage is done to private or public property by or on account of any act, omission, neglect, or misconduct in the execution of work on the part of the Contractor, such property shall be restored by the Contractor, at his expense, to a condition equal to or better than that existing before the damage was done, or he shall make good the damage in another manner, acceptable to the Using Agency and Owner of property.

6. **MATERIALS QUALITY**

- A. The Contractor shall furnish materials and equipment which will be efficient, appropriate, and have the capacity to secure a satisfactory quality of work and a rate of progress which will ensure the completion of the work within the time stipulated. Only new materials and equipment shall be incorporated into the work.

7. **SUBSTITUTIONS**

- A. In the event the Contractor should propose a substitution of the specified equipment or materials, it shall be his responsibility to submit proof of equality and data of sufficient detail to enable the Using Agency to identify the particular product, the method of installation, and whatever else is required so a determination can be made as to its conformity to the product specified. The Contractor shall provide and pay for any tests which may be directed by the Using Agency in order to evaluate such proposed substitution(s). Any material or product which is not in full conformance with specifications may be rejected.
- B. The Contractor shall be allowed seven (7) working days from the date of contract award to provide the necessary shop drawing(s), data, and samples supporting any proposed substitution(s). Should the Contractor fail to provide the information within this period, the Using Agency shall exercise the option of either: allocating additional time for the information, or denying any further consideration of the substitution(s) whereby the Contractor must provide the equipment or material(s) specified. Since Substitutions are primarily for the financial benefit of the Contractor, a credit change order shall accompany each request for substitution.

8. **OTHER CONDITIONS**

- A. By submitting a bid, the Bidder warrants that he has familiarized himself with all provisions of the bidding documents and understands their intent and meaning.
- B. The failure or omission of the Bidder to examine forms, instruments, or plan and specification documents, or to visit the site and acquaint himself with conditions there existing, and compute required amounts of labor and materials covering the complete job shall not relieve him from any obligation with respect to his bid.
- C. Any oral interpretation, not documented in writing prior to bid opening or referenced in the bid proposal, shall be considered as privileged information, and, as such, not binding upon the Owner.

-
- D. Conditions existing at the time of the inspection will be maintained by the Owner as far as practical. The Owner assumes no responsibility for actual conditions where work is to occur. Starting of operations will be construed as evidence that the Contractor has complied with the above requirements, and later claims for difficulties encountered which could have been foreseen will not be recognized.
 - E. In order to protect the lives and health of his employees, the Contractor shall comply with all applicable statutes and pertinent provisions of the "Manual of Accident Prevention in Construction", issued by the Associated General Contractors of America, Inc. He shall maintain an accurate record of all cases of death, occupational disease, and injury requiring medical attention or causing loss of time from work, arising out of and in the course of employment on work under the contract. The Contractor alone shall be responsible for the safety, efficiency, and adequacy of his plant, appliances, and methods, and for any damage or injury which may result from his failure or his improper construction, maintenance, or operation.
 - F. The Contractor shall defend, protect, indemnify, and save harmless the State of New Jersey from all claims, suits, actions, damages, and costs of every name and description arising out of or resulting from the performance of his work under this contract. This responsibility is not limited by the provisions of other indemnification provisions included elsewhere herein.

9. **TIME OF COMPLETION**

- A. Work to be completed, inspected and approved within Sixty (60) days from notice to proceed.
- B. No activities will be permitted on weekends or holidays unless otherwise approved by the Using Agency Representative

10. **LIQUIDATED DAMAGES**

- A. The Contractor agrees that, from the compensation otherwise to be paid, the Owner will assess liquidated damages in the amount of \$150 for each calendar day thereafter that the work included under this contract remains uncompleted as specified under the Time of Completion which sum is agreed upon as the proper proportionate measure of liquidated damages which the Owner will sustain per diem, by failure of the Contractor to progress or complete his work under this contract at the time stipulated, and the sum is not be construed as in any sense a penalty.
- B. The above liquidated damages shall be interpreted as partial reimbursement to the Owner resulting from the legal fees and the cost of additional engineering services, and other expenses of the Owner because of non-compliance by original dates, but shall not be considered as including costs of legal fees and the cost of additional services in connection with claims, arbitration, litigation, default or insolvency of the Contractor.

11. **TERMINATION FOR CONVENIENCE**

- A. The Owner may, at any time, terminate the Contract in whole or in any part for the Department's convenience and without cause when the Owner in his discretion views termination in the public interest.

-
- B. Upon receipt of the Termination for Convenience, the Contractor shall complete only items specified in the order and in accordance with the contract documents.
 - C. The Contractor will only be paid for items of work partially or completely finished at either the contract price or mutually agreed price.

12. **NEW JERSEY BUSINESS REGISTRATION REQUIREMENTS**

- A. The Contractor shall provide written notice to its subcontractors and suppliers of the responsibility to submit proof of business registration to the contractor. The requirement of proof of business registration extends down through all levels (tiers) of the project.
- B. *Before final payment on the contract is made by the contracting agency, the contractor shall submit an accurate list and the proof of business registration of each subcontractor or supplier used in the fulfillment of the contract, or shall attest in writing that no subcontractors were used.*
- C. For the term of the contract, the contractor and each of its affiliates and a subcontractor and each of its affiliates [N.J.S.A. 52:32-44(g)(3)] shall collect and remit to the Director, New Jersey Division of Taxation, the use tax due pursuant to the Sales and Use Tax Act on all sales of tangible personal property is intended for a contract with a contracting agency.
- D. A business organization that fails to provide a copy of a business registration as required pursuant to section 1 of P.L.2001, c. 134 (C.52:32-44 et al.) or provides false business registration information under the requirements of either of those sections, shall be liable for a penalty of \$25 for each day of the violation, not to exceed \$50,000 for each business registration copy not properly provided under a contract with a contracting agency.

PROJECT DIRECTORY

FACILITY: Sedge Island
Barnegat Bay
Ocean County, NJ

FACILITY CONTACT: N/A

**CONTRACTING
AUTHORITY:** State of New Jersey
Mail Code 501-04A
Department of Environmental Protection
Natural & Historic Resources
Office of Resource Development
PO Box 420
Trenton, NJ 08625-0420

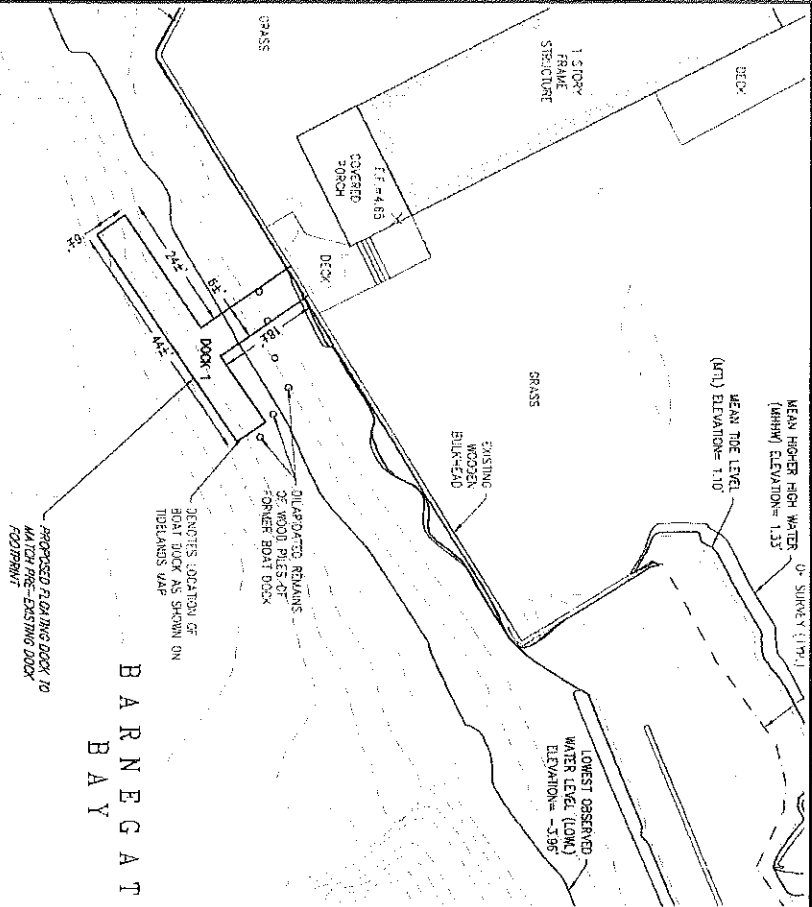
**CONTRACTING
AUTHORITY CONTACT:** Bob Kunze
Telephone: (609) 2734568

PROJECT CONSULTANT: Office of Resource Development
501 East State Street
Trenton, New Jersey 08625

PROJECT DESIGNER: N/A

TABLE OF CONTENTS

INSTRUCTIONS TO BIDDERS.....	IB-1 thru IB-2
GENERAL CONDITIONS.....	GC-1 thru GC-5
PROJECT DIRECTORY.....	9
TABLE OF CONTENTS.....	10
PLANS	
SITE PLAN.....	Attached

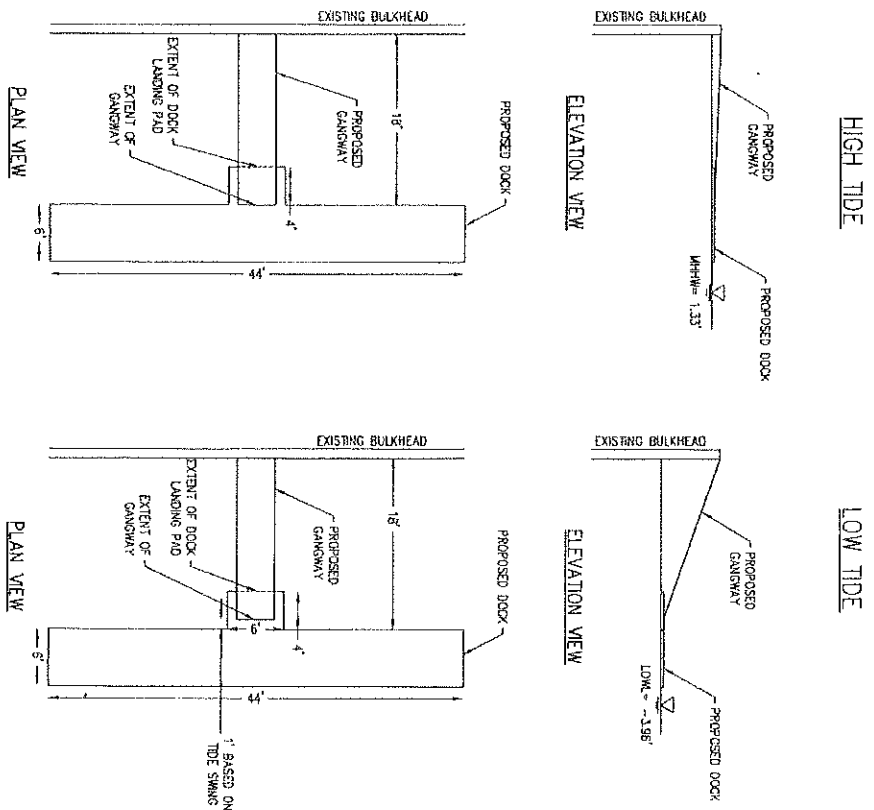


PLOT PLAN

SCALE: 1" = 20'



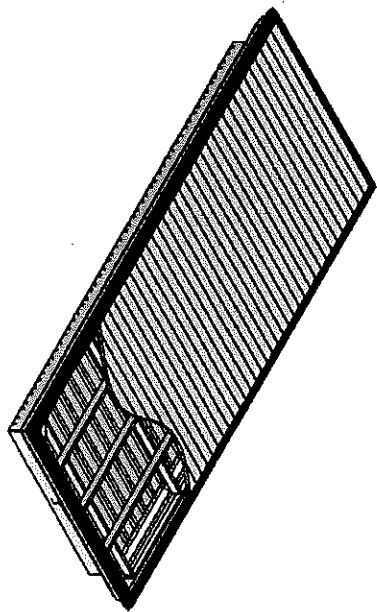
NOTE:
CALCULATIONS FOR TIDE SWING AND EXTENT OF BUMP OUT ARE BASED ON FIELD INFORMATION GATHERED BY LAN ON 5/16/13 AND CUT SHEETS OF THE GATORDOCK (M) DRI AND DRI2 ALUMINUM GANGWAYS.



GANGWAY SKETCH

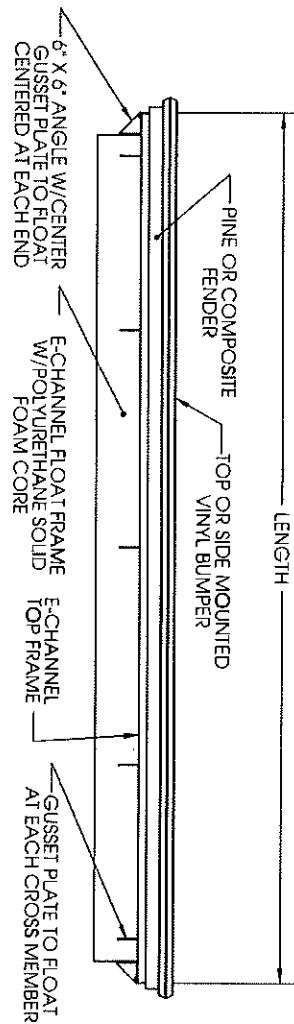
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Certificate of Authorization		PROJECT		Title		Drawing No.	
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PROJECT		DRAWING TITLE		DATE		SCALE	
LAN ASSOCIATES		GANGWAY SKETCH		2/28/14		AS NOTED	
440 GORDON AVENUE, WESTLAND PARK, N.J. 07460 (973) 247-6400		PROJECT NO.		DATE BY		DRAWING NO.	
		3397.142		KAB		SK.01	



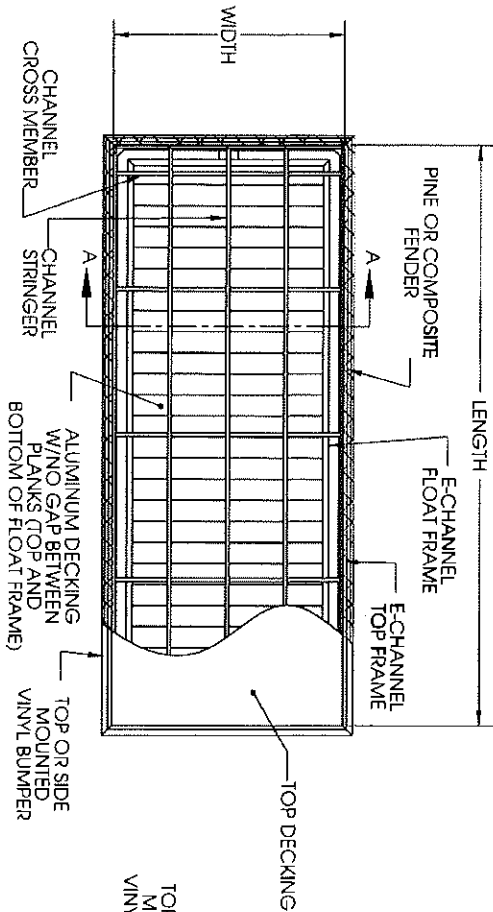
ISOMETRIC VIEW OF ALUMINUM TOP DECKED FULL FLOATING DOCK

SCALE: NTS



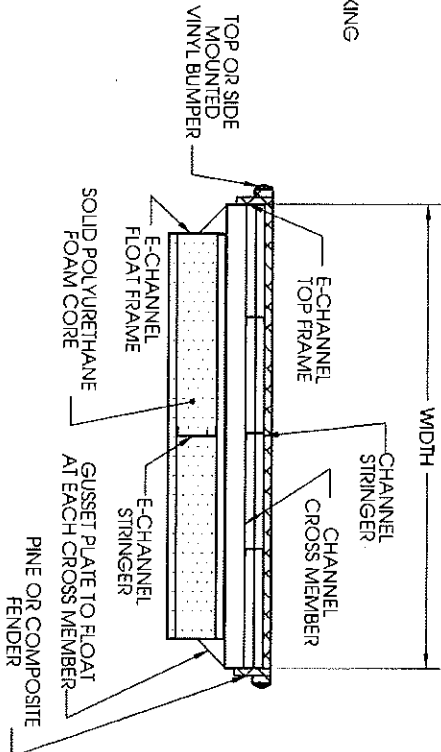
ELEVATION VIEW FOR TOP DECKED FULL FLOATING DOCK

SCALE: NTS



PLAN VIEW OF ALUMINUM TOP DECKED FULL FLOATING DOCK

SCALE: NTS



SECTION A-A

SCALE: NTS



2880 MELROUNDALE AVE. SAN DIEGO, CA 92122

408/726-9607 408/726-9607

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RECORD OF REVISIONS

NO.	DATE	DESCRIPTION
1	11/11/2011	11/11/2011
2	11/11/2011	11/11/2011

PROJECT NAME: ---

CUSTOMER NAME: ---

CUSTOMER ADDRESS: ---

PROJECT LOCATION: ---

CAD DRAWING NO.: ---

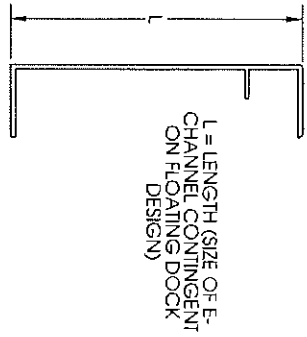
CUSTOMER PO NO.: ---

DATE	DATE
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11/11/2011	11/11/2011

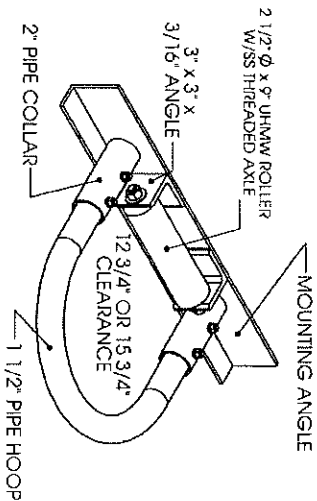
ALUMINUM TOP DECKED FULL FLOATING DOCK

1. This drawing is a technical drawing of an Aluminum Top Decked Full Floating Dock. It is intended to be used as a guide for the construction of the dock. The dock is to be constructed using aluminum extrusions and fittings. The dock is to be constructed using the following materials: Aluminum Extrusions, Aluminum Fittings, and Aluminum Decking. The dock is to be constructed using the following dimensions: Length: 10' x 10', Width: 10' x 10', and Height: 10' x 10'. The dock is to be constructed using the following specifications: Aluminum Extrusions: 10' x 10', Width: 10' x 10', and Height: 10' x 10'. The dock is to be constructed using the following materials: Aluminum Extrusions, Aluminum Fittings, and Aluminum Decking. The dock is to be constructed using the following dimensions: Length: 10' x 10', Width: 10' x 10', and Height: 10' x 10'. The dock is to be constructed using the following specifications: Aluminum Extrusions: 10' x 10', Width: 10' x 10', and Height: 10' x 10.

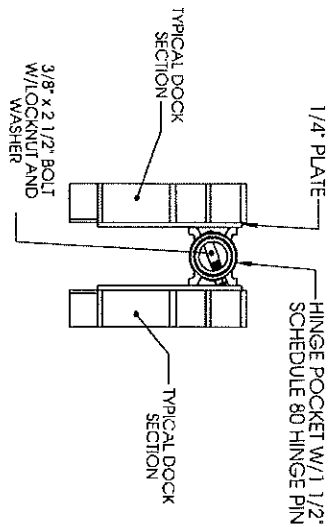
Author: B.V.



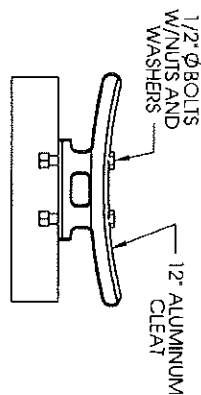
E-CHANNEL DETAIL
SCALE: NTS



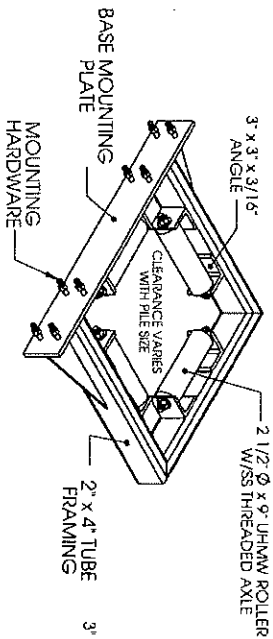
1.ROLLER EXTERNAL PILE GUIDE
SCALE: NTS



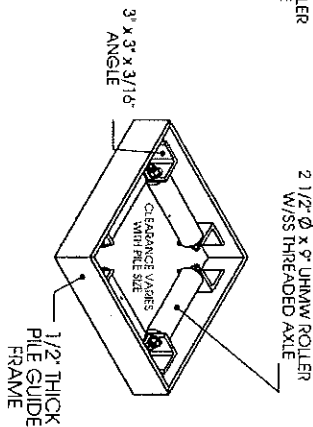
HINGED DOCK CONNECTION
SCALE: NTS



BOLTED CLEAT DETAIL
SCALE: NTS



4.ROLLER EXTERNAL PILE GUIDE
SCALE: NTS



4.ROLLER INTERNAL PILE GUIDE
SCALE: NTS



2800 WELLSFARLE AVE. SUITE 100, FT. WORTH, TX 76104
800.226.9862 FAX: 817.257.9146

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RECORD OF REVISIONS

NO.	DATE	DESCRIPTION
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2	11/17/11	REVISED TO ADD 1/2\"/>

PROJECT NAME: ---

CUSTOMER NAME: ---

CUSTOMER ADDRESS: ---

PROJECT LOCATION: ---

CAD ORIGINATOR NO.: ---

DRAWN BY: ECU

CHECKED BY: KJP

DATE: 11/17/11

DATE: 11/17/11

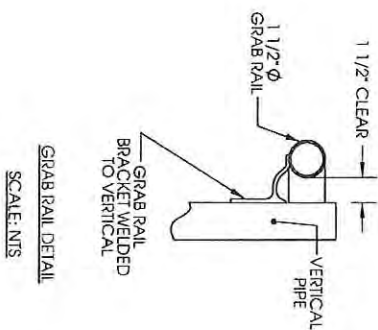
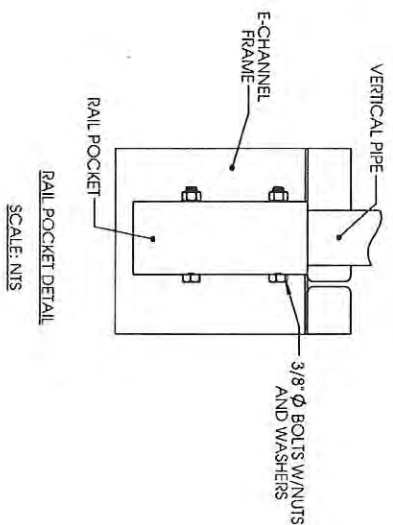
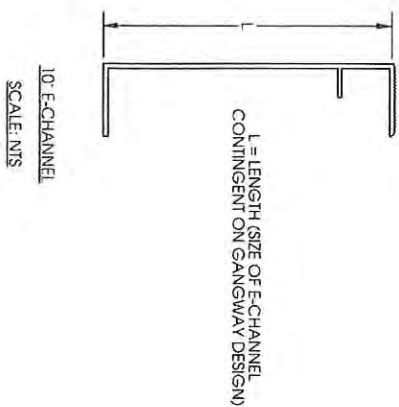
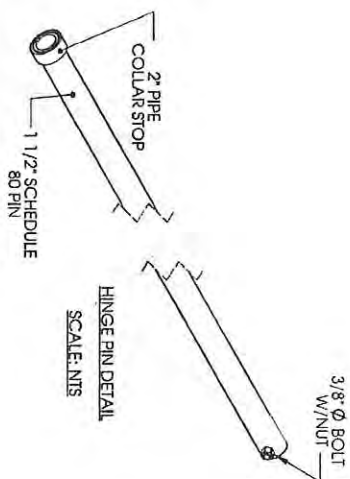
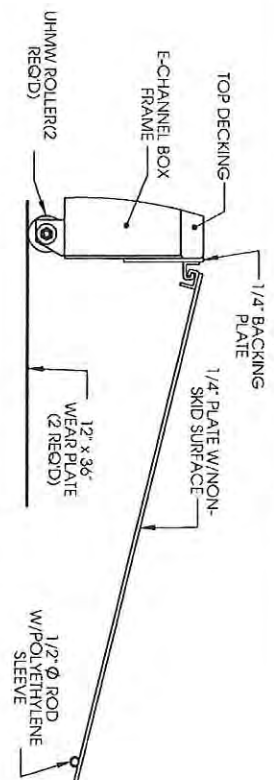
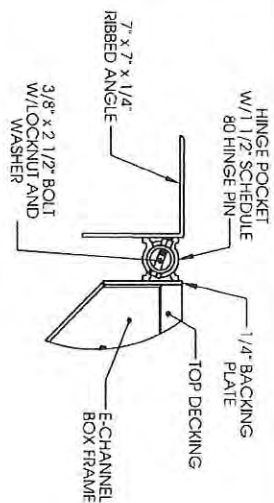
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DATE: 11/17/11

DATE: 11/17/11





GATOR DOCK
Marine Access Solutions

2800 THE CORNELL AVE. SAN ANTONIO, TX 78205
650.336.0855 409.353.5100

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NO.	DATE	DESCRIPTION
0	-/-/-	-
1	-/-/-	-
2	-/-/-	-

PROJECT NAME _____

RECORD OF REVISIONS		
NO.	DATE	DESCRIPTION
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1	--/--/---	--
2	--/--/---	--

PROJECT NAME _____

CUSTOMER NAME	
CUSTOMER ADDRESS	
PROJECT LOCATION	
CASH ORDER NO.	
CUSTOMER PO NO.	
NAME	DATE
DRAWN BY	FIG
CHECKED BY	APP

DR2 TOP DECKED
ALUMINUM GANGWAY
COMPONENTS

[illegible]

MATERIALS

FRAME

1.1.1. Aluminum extrusions for dock, pier, and gangway structures shall be aluminum alloy 6061-T6 "E" channels extruded in accordance with the requirements of applicable sections of Federal Specifications QQ-A-200. Miscellaneous aluminum may be 6063-T5 or 5052-H32.

FLOTATION

1.2.1. Flotation shall consist of rigid urethane foam utilizing a two-component polymeric MDI system designed for Marine Flotation applications injected into aluminum shells to 2.0 pounds per cubic foot.

1.2.1.1. Full Float™ dock flotation frame shall consist of a fully encased 6061-T6 box frame of similar design to the floating dock walking surface frame.

1.2.1.2. Not Used.

1.2.1.3. Expanded polystyrene flotation with or without polyethylene casings shall be prohibited

ACCESSORIES

DECKING

1.3.1.1. Aluminum decking shall be symmetrically extruded slats with integrated ribs and mechanical knurling to provide a non skid surface. Decking to be aluminum alloy 6061-T6.

1.3.1.2. Not Used.

1.3.1.3. Not Used.

1.3.1.4. Not Used.

1.3.2. Cleats shall be cast aluminum alloy meeting the requirements of the Federal Specifications QQ-A-571F and QQ-A-601E.

1.3.3. All hardware shall be stainless steel type 304.

FENDERS

1.3.4.1. Wood side fenders shall be Southern Pine No. 1 Structural (1200# extreme fiber bending) Stress Grade with a minimum CCA content equal to 0.40 pounds per cubic foot or equal. All wood shall comply with American Softwood Lumber Standard PS 20-70. Each piece of lumber shall be identified by the grade and treatment mark of recognized organization or independent agency certified by the American Lumber Standards Committee, Washington, DC to grade the species. All lumber specified for treatment shall be treated to the requirements of American Wood Preservers Bureau AWPB LP-22.

1.3.4.2. When specified by the owner, vinyl bumpers shall be of non-marring marine grade extruded vinyl with minimum 3" vertical face. Standard black vinyl bumper shall be UV stabilized. Optional white vinyl bumper shall be non-yellowing.

ROLLERS

1.3.5. Rollers for either pile guides or gangways shall be UHMW polyethylene with black ultra-violet light inhibitor added.

HANDRAILS

1.3.6. Handrails on gangways and piers when specified shall be 6061-T6 aluminum alloy, minimum

1 " NPS. When required, additional grab rails, toe curbs, and fishing rails shall be in accordance with applicable sections of the Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities.

DESIGN

FRAME

2.1. For fixed piers, gangways, and the structural frame design of floating docks, the aluminum frame and decking shall be designed to withstand the full calculated dead load of all framing & accessories combined with a live load of 50 pounds per square foot. Allowable deflection shall be $L/180$ where "L" in inches is the freespan between supports for fixed piers & gangways, or the freespan between cross members for floating docks.

FLOTATION

2.2. All floating docks shall be designed for a minimum freeboard of 8 inches under full dead plus live load, and 10 inches under a dead load plus concentrated load of 400 pounds applied at any location on the dock walking surface. Additional flotation shall be added to support the gangway dead loads without creating undue distortion in the dock.

2.2.1. Full Float™ docks shall be designed for a minimum of 40psf live load providing a minimum of 16" unloaded freeboard.

2.2.2. Not Used.

ACCESSORIES

- 2.3.1. Cleats shall be designed to withstand a mooring line load of 1500 pounds in any direction.
- 2.3.2. Handrails shall be a minimum of 42 inches in height above the finished walking surface and shall withstand a uniform horizontal load of 20 pounds per linear foot applied at the top of the rail.
- 2.3.3. Hinged or bolted floating dock module connectors shall be able to withstand a load of 3000 pounds applied to the full connector.
- 2.3.4. Anchoring devices for floating docks shall allow free movement of the dock, while minimizing damage due to normal dock movement caused by tides, boat wakes, water fluctuation and seasonal winds. Anchoring devices shall be of sufficient number to restrain a uniform lateral force of 150 pounds per linear foot applied along the entire length of the dock.
- 2.3.5. Utility lines shall meet all governing construction and fire codes. All electrical lines, junction boxes and accessories shall be installed with the strict adherence to the latest edition of the "National Electrical Code".

FABRICATION

FRAME

- 3.1.1. All aluminum structural members shall be welded in accordance with the American Welding Society Structural Welding Code D1.2.
- 3.1.2. Individual dock and pier sections shall be sequentially numbered, matched, and pre-drilled in the shop prior to shipment.

FLOTATION

- 3.2. Flotation: All flotation shall be fully installed in the shop. Selected floats may be removed to facilitate shipping.
- 3.2.1. Full Float™ docks shall have the float fully welded with gussets between the float frame & dock frame at each cross member location or maximum 5' centers.
- 3.2.2. Not Used.
- 3.2.3. Not Used.

ACCESSORIES

- 3.3.1. Aluminum decking shall be spaced with not more than 3/8 inch air space between the slats. Asymmetric/interlocking decking slats shall be prohibited to prevent water pooling on dock surface. The legs of each decking slat shall be welded to the side members and to any longitudinal with a minimum of 1-1/4 inches of weld per leg. The decking slats shall be placed transversely on the gangway, pier or dock.

3.3.2. Not Used.

3.3.3. Not Used.

3.3.4. Cleats on aluminum decked docks shall be welded with a continuous fillet weld. All cleats shall be installed in locations shown on plans.

3.3.5. Where wood fendering is used the minimum size member shall be 2 x 8, secured at minimum spacing of 4' on center with 3/8" type 304 stainless steel bolts countersunk below the wearing surface of the exposed side.

3.3.6. Handrails shall be installed in locations shown in the plans. Handrails shall be secured in place with two 3/8" stainless steel bolts through the extruded handrail pockets welded to the side rail if a detachable type handrail system is used. Handrails will be welded to the side rails if a truss type system is requested. The type of handrail system shall be the option of the engineer.

3.3.7. Hinge mount extrusions shall be welded to the frame of the dock with a continuous fillet weld unless otherwise shown on the plans. Non-hinged dock module connectors shall be shown on the plans.

3.3.8. Anchoring devices, including pile guides, shall be bolted or welded to the piers and docks in locations and according to the details shown in the plans. Framing shall be braced at pile guides.

INSTALLATION

4.1. Docks and piers shall be anchored with pile guides or other anchoring devices bolted to the aluminum frame. Floating docks must move freely during the entire cycle of water level extremes with the normal expected wind condition. Utility lines must not be installed on top of the deck or in a location subject to damage during normal use and must be installed to function properly during normal expected water level and weather extremes.

4.2. Gangways shall be securely fastened to the wall or fixed structure as shown on plans. Utilities running on the gangway shall be installed so as not to interfere with the access area of the gangway or to be damaged during normal operation.

4.3. Utility hangars and access panels shall be mounted and located as shown in plans.

4.4. Any potentially corrosive installation of dissimilar metals shall be properly insulated to minimize or eliminate corrosion in a marine environment.

State of New Jersey
Department of Environmental Protection
Natural and Historic Resources
Office of Resource Development
Mail Code 501 - 04A
PO Box 420
501 E. State St. Fourth Floor
Trenton, NJ 08626 - 0420

NHR No.: 05-17

Date: August 3, 2016

REQUEST FOR PROPOSAL

The State of New Jersey, Department of Environmental Protection, Natural and Historic Resources is soliciting bids for the following:

Project: New Floating Dock & Gangway

Location: Sedge Island, Barnegat Bay, Ocean County, NJ

In accordance with attached; PLANS ☒ SPECIFICATIONS ☐ OTHER

SECTION A

INSTRUCTIONS TO BIDDERS

Bids must be received by the Department of Environmental Protection, Natural and Historic Resources on or before 2 P.M. on August 25, 2016.

Any Bidder desiring to tender a responsible bid must acquaint himself with the site conditions and carefully examine the bidding documents.

Bids shall be forwarded to the above-indicated address, in the envelope provided. Unsigned bids will be considered as non-responsive. Omission of contractor's Public Works Contractor Registration will be considered as a non-responsive bid. Your Business Registration Certificate should be submitted with your bid package. Facsimile transmissions will not be accepted.

Provided below are information and declaration Sections C and D, to be completed by the Bidder. Execute the Bidder's portion of Section E.

Upon award, the successful Bidder will receive a fully endorsed copy of this document accompanied by an invoice voucher. The invoice is to be completed upon completion of the job and returned to the same address.

SECTION B

CONDITIONS OF CONTRACT

The signature of the Bidder or his authorized representative in Section E on this document shall constitute an agreement to abide by the declaration and conditions of the contract contained herein and with the plans and specifications provided.

This document, together with project plans and specifications and all documents enclosed with this Request for Proposal becomes the contract when and if the Cost Declaration is accepted by the State of New Jersey, Department of Environmental Protection, Natural and Historic Resources. The signature of the Approving State Officer shall constitute such acceptance. The State of New Jersey, through the Approving State Officer, reserves the right to reject all bids.

The prices quoted on this document shall remain firm for sixty (60) days after the bid due date.

The contractor shall procure and maintain for the life of this contract Workman's Compensation, Contractor's Public Liability Insurance, Contractor's Property Damage Insurance and Vehicle Liability Insurance as required by applicable New Jersey statutes.

All material and workmanship shall be guaranteed by the contractor for one year from the date of acceptance by the Approving State Officer. The contractor shall supply all applicable manufacturer's guarantees and warranties prior to submitting final invoice.

The contractor agrees that he and/or his subcontractors will abide by the provisions of NJSA 10:2-1 through 10:2-4 dealing with the discrimination in employment on public contracts and all associated rules and regulations.

The contractor agrees to abide by the N. J. Prevailing Wage Act, PL1963, C150, and the rates in effect for the geographical location of this project, the Public Works Contractor Registration Act, PL1999, C238, registration with the Department of Treasury, Division of Revenue, PL2001, C134, Restrictions on Political Contributions, PL2005, C51 and Source Disclosure Certification PL2005, C92.

SECTION C

BUSINESS INFORMATION

Name: _____

Address: _____

Federal Identification No.: _____ Telephone No. _____

Business Enterprise: (Check all that apply) ☐ Minority ☐ Women ☐ Small Business (100 or less full-time employees)

SECTION D

COST DECLARATION

Provide all equipment, labor, materials and construction supervision to install new Floating Dock & Gangway as per attached plans & specs.

Lump Sum Bid \$ _____

SECTION E

ENDORSEMENTS

I, _____
Print Name and Title
Submit the Cost Declaration and agree to the terms as stated herein.

The State of New Jersey, Department of Environmental Protection accepts the Cost Declaration in Section D.

Signature _____

Date _____

Approving State Officer _____

Date _____

SEdge ISLAND FLOATING DOCK AND GANGWAY

This project is to install a new floating dock and gangway on Sedge Island to replace original system destroyed by Super Storm Sandy.

The design is based on a system by Gatordock Marine Access Systems. This is not the sole source vendor but a generic design that can be typical of any other approved equal vendor.

System Manufacturers

Gatordock Marine Access Systems, Bellingham Dock Systems, Ravens Marine or approved equal.

The floating dock sections shall be " Full Float " design.

The floating dock and gangway are both to be decked with pressure treated pine decking not extruded aluminum slats.

The floating dock system shall be anchored with treated wood piles using 4- roller external pile guide system.



State of New Jersey

MAIL CODE 501-04A

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NATURAL & HISTORIC RESOURCES

Office of Resource Development

275 Freehold-Englishtown Road

Englishtown, NJ 07726

TEL. (732) 462-5868 FAX. (732) 462-8742

CHRIS CHRISTIE
Governor

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

August 14, 2016

J.E. Hannon Inc. T/A Bird Construction
105 Harbor Inn Rd.
Bayville, NJ 08721

RE: New Floating Dock & Gangway
Sedge Island WMA
Barnegat Bay
Island Beach State Park, Ocean County, NJ
NHR # 05-17

Dear Sir or Madam:

We are soliciting bids for the New Floating Dock & Gangway on Sedge Island WMA, Island Beach State Park, NJ.

Attached are a Request for Proposal, a Vendor Questionnaire (Form W-9), Ownership Disclosure Form, Disclosure of Investigations and Actions Involving Bidder Form, Disclosure of Investment in Iran Form, Source Disclosure Certificate Form, MacBride Principles Certificate Form, Vendor Certification and Political Contribution Disclosure Form, Two Year Chapter 51 / Executive Order 117 Vendor Certification and Disclosure of Political Contribution Form, Affirmative Action Supplement Form and Delegated Purchasing Authority Terms and Conditions along with the specifications for the proposed project. Please review the documents carefully. All of the forms are to be completed and returned with the proper information.

If these forms are not provided the bid will be considered non-responsive.

A Business Registration Certificate for your company and any sub-contractors must be supplied prior to the time a contract, purchase order or other contracting document is awarded or authorized (N.J.S.A. 52:32-44).

Bids will be opened on **August 25, 2016 @ 2PM** in the Office of Resource Development, located at 275 Freehold-Englishtown Rd., Englishtown, NJ 07726. To answer any questions pertinent to this bid, please contact me at telephone number (609) 351-1991.

Very truly yours,

Robert Kunze
Project Manager

Attachments

c: Ed Mulvan

file

LIST OF BIDDERS

J. E. Hannon Inc., T/A Bird Construction
105 Harbor Inn Rd.
Bayville, NJ 08721

Craig Naylor T/A C&S Construction
47 Crossbrook Rd.
Livingston, NJ 07039

Thomas Barry Marine Construction
741 Route 657
South Dennis, NJ 08245



SEGE ISLAND

New Floating Dock Location

© SPOT IMAGE

1995

Imagery Date: 4/16/2016 39°47'41.02" N 74°07'06.31" W elev 1 ft eye alt

Google



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