

Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Friday, January 24, 2014 3:55 PM
To: Stauffer, Richard
Subject: AccuDock - ADA Kayak Launch/ ADA Gangway references
Attachments: Palm Beach ADA 1.JPG; Palm Beach ADA 4x32 ADA GW.JPG; Palm Beach ADA 3.JPG; Palm Beach ADA 2.JPG; AHA-048 Hinge Assembly 48in.pdf; ADA Kayak Launch Specifications Palm Beach Cty 2013 (2).pdf; PKG-TRF1.pdf; ADA-CompliantSystems.pdf
Importance: High

Hi Richard,

It was great speaking with you earlier. Take a look over the information attached and detailed below. If you'd like to discuss in more detail on Monday, I'm in the office again at 8:00am (EST).

ADA Link: <http://www.accudock.com/ada-compliant-docks-platforms-ramps-railings.shtml>

Warranty Link: <http://www.accudock.com/pdf/AccudockWarranty.pdf>

GSA detail: <http://www.accudock.com/accudock-government-military-state.shtml>

Safe Launch: (For added stability and safety for ADA Launch) <http://www.accudock.com/floating-dock-safe-launch.shtml>

Have a wonderful weekend and I look forward to speaking with you sometime on Monday ☺

Christine Catalano

GSA Project Director

Visit AccuDock's New Products , ADA Compliant Systems and GSA Contract Holder/ Product Price List

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1790 SW 13th Court, Pompano Beach, FL 33069

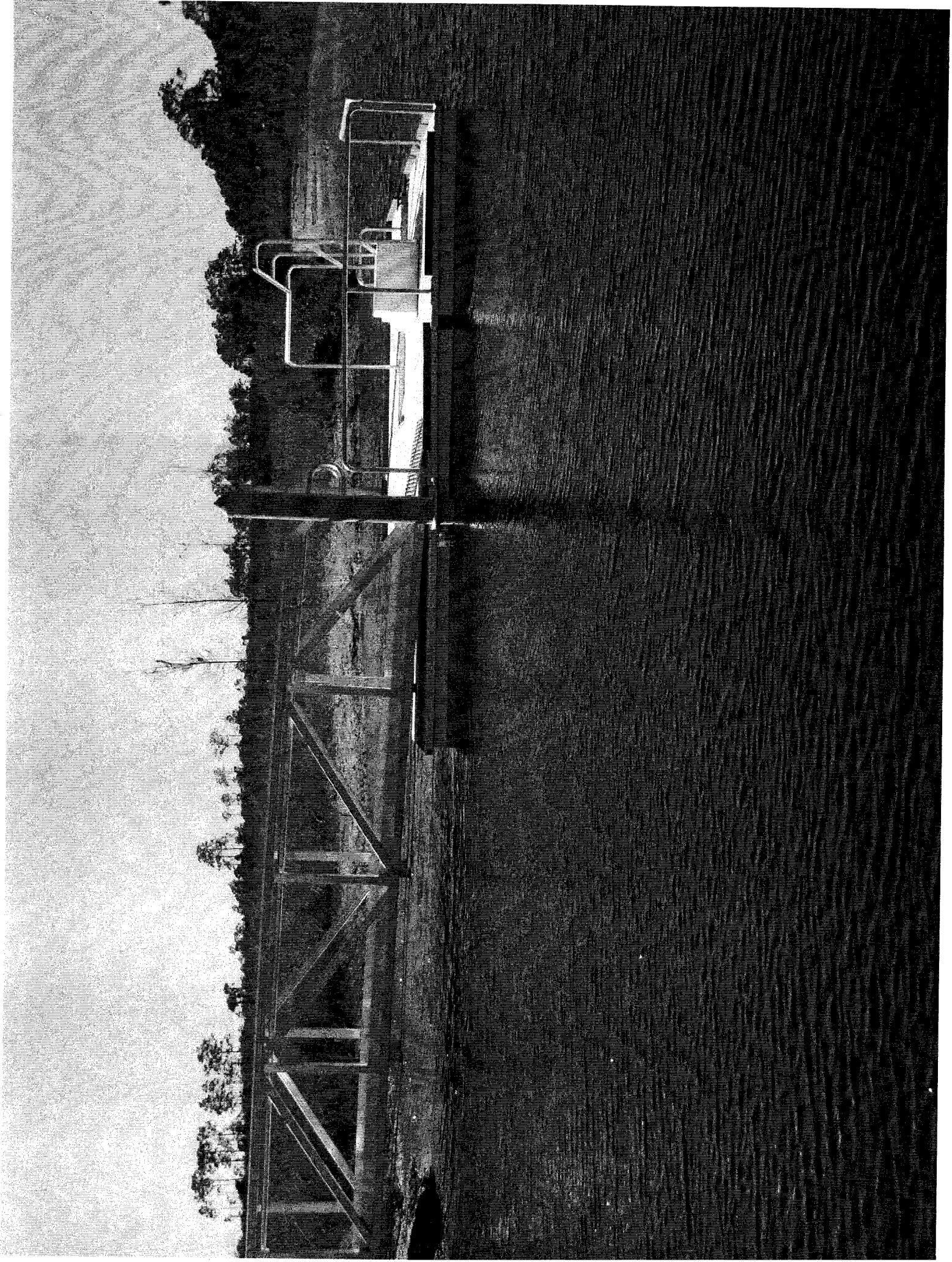
(Ofc) 954-785-7557 Ext 201

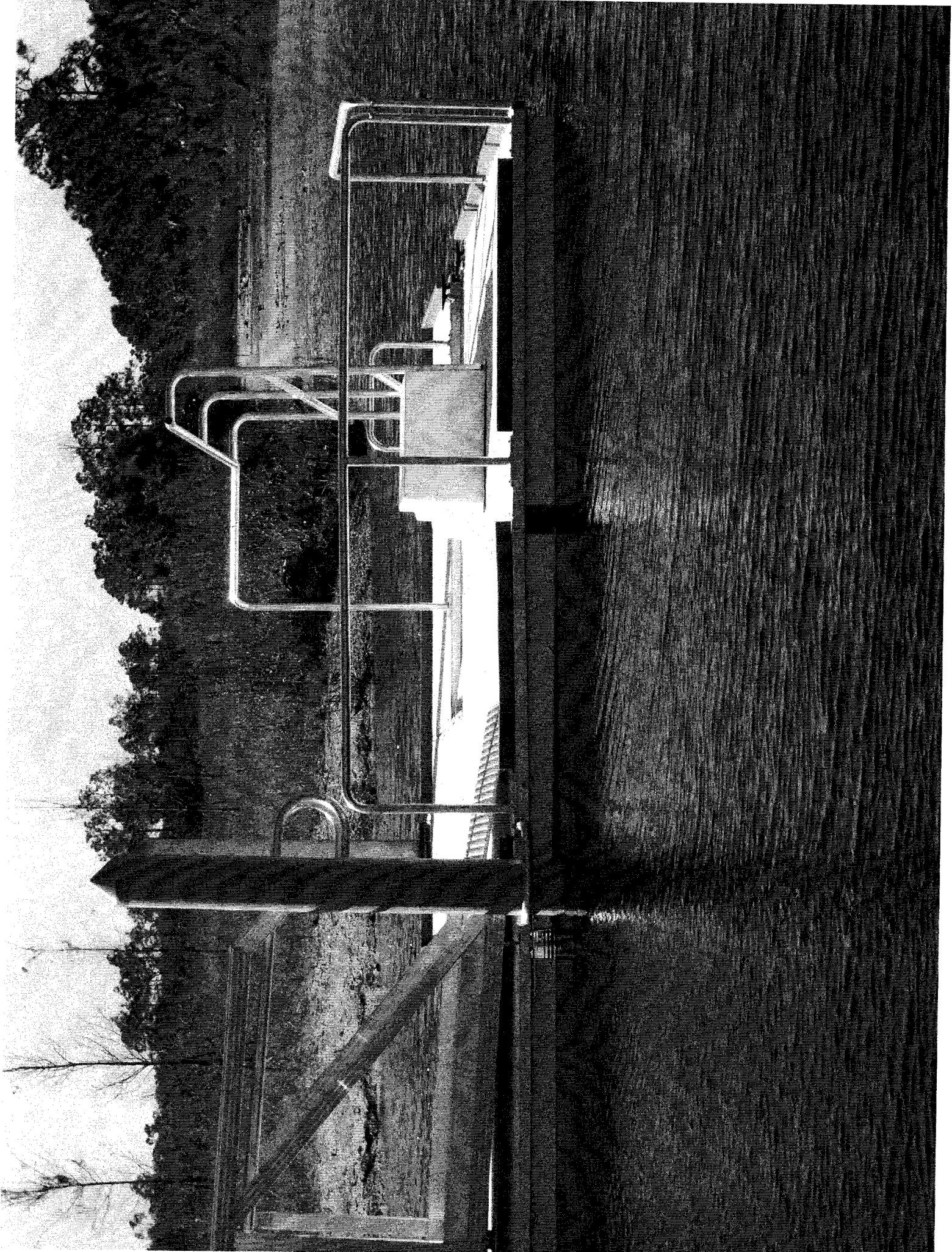
Christine@accudock.com

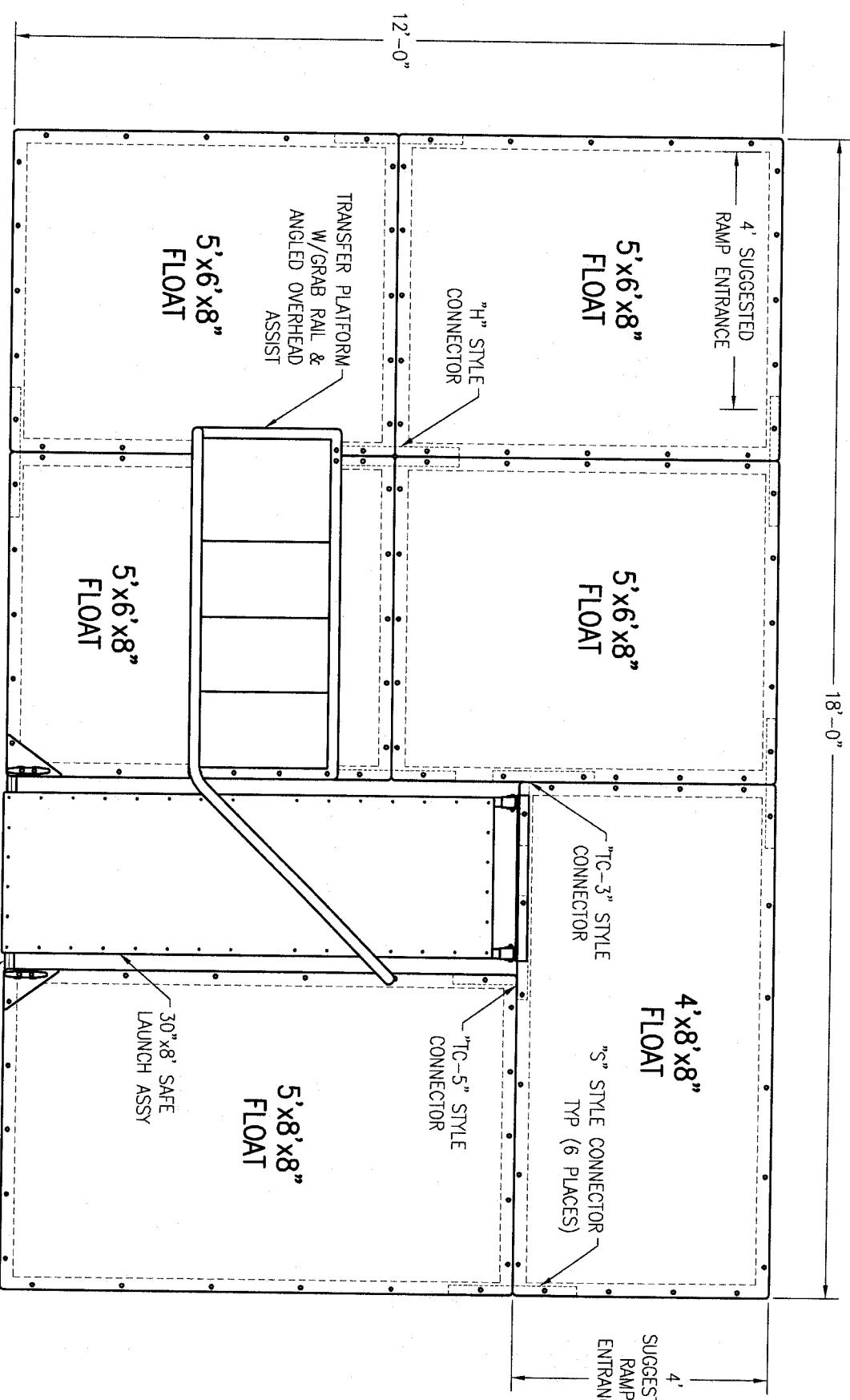


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NOTES:

1. ALL SS HARDWARE INCLUDED TO ASSEMBLE THIS PACKAGE.
2. PACKAGE MAY REQUIRE ANCHORING CONNECTIONS NOT SHOWN ON DRAWING.

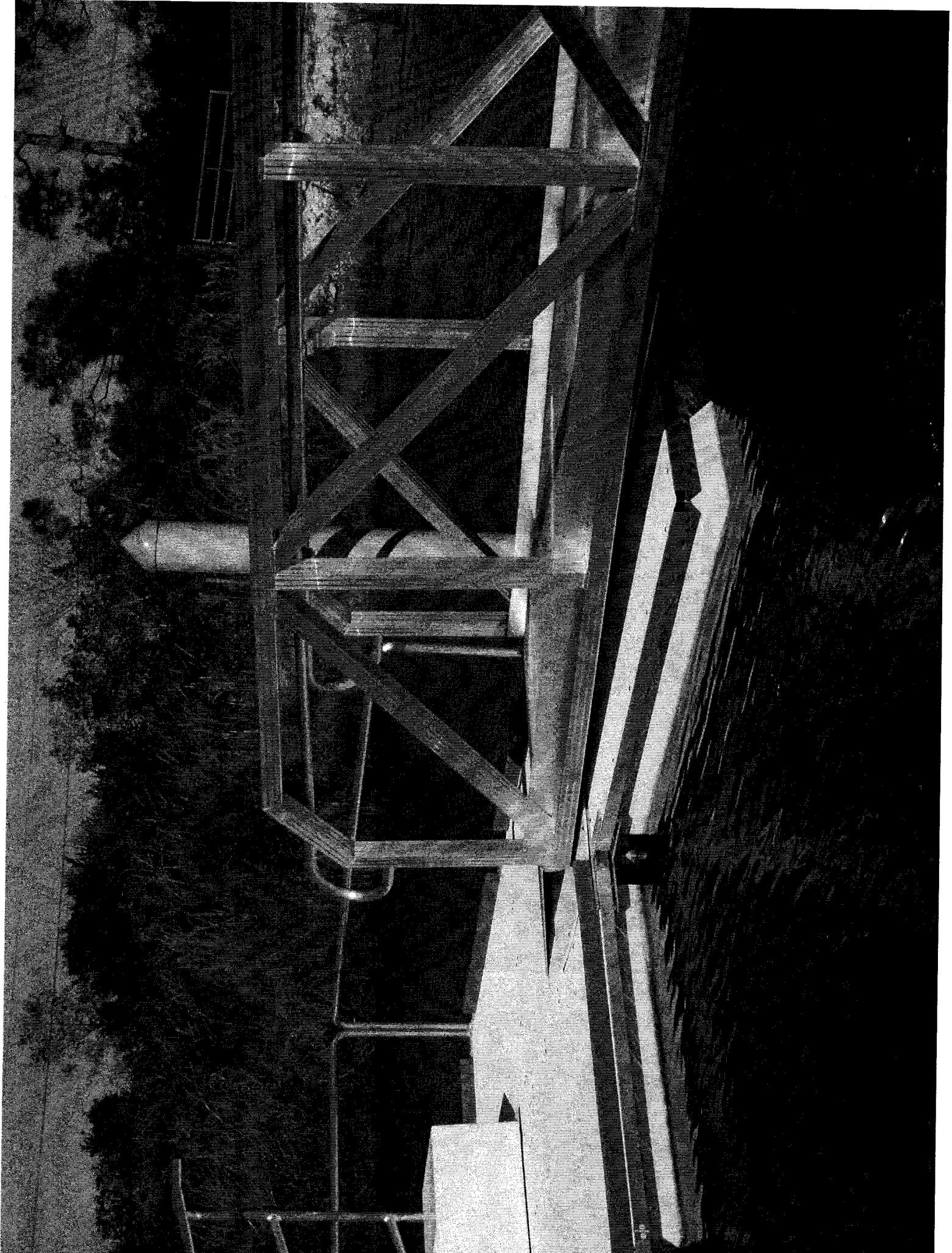
GENERAL ARRANGEMENT

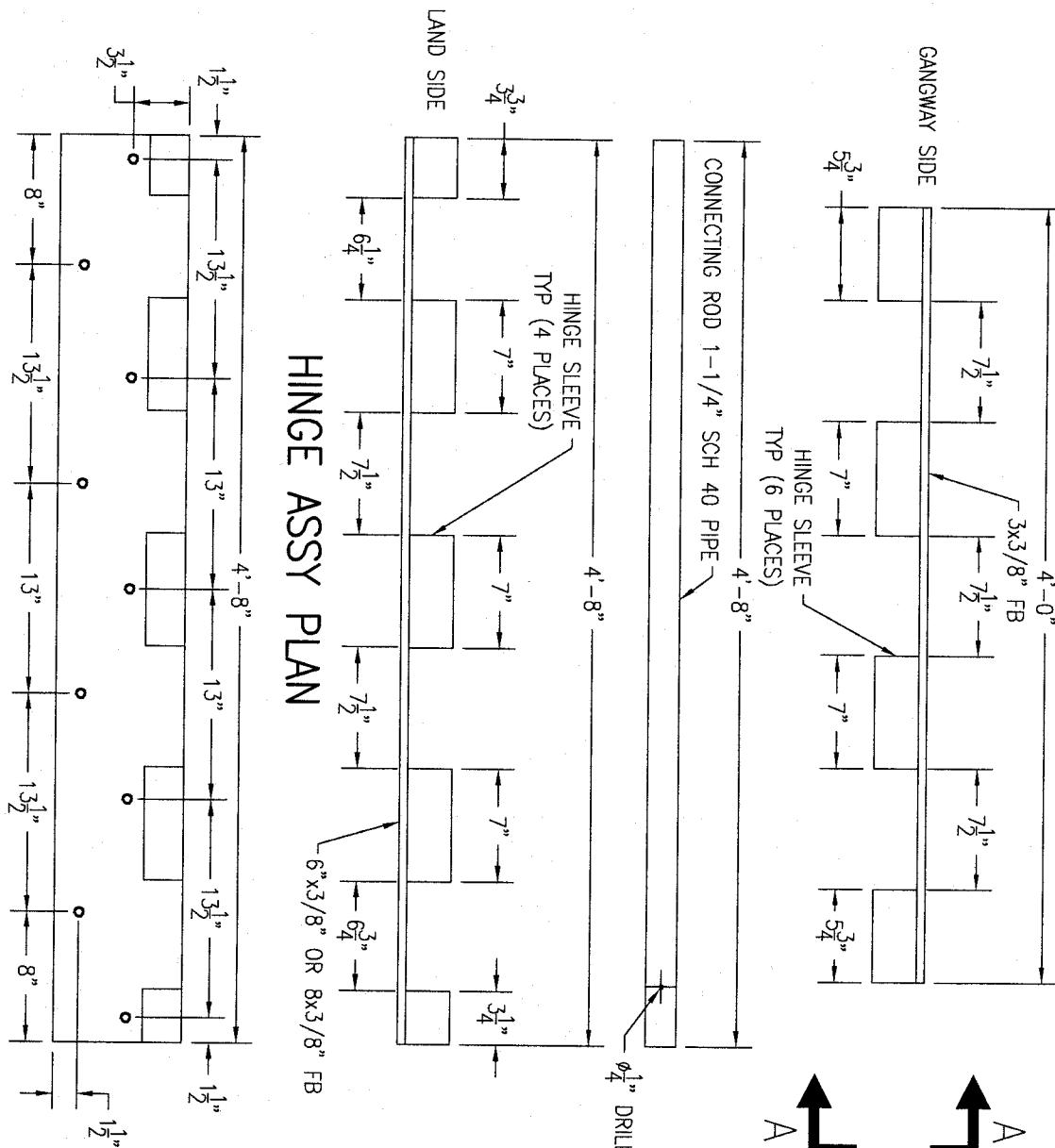
PROJECT DESCRIPTION:

**12'x18' ADA TRANSFER PACKAGE #1
WITH 3'x8' SAFE LAUNCH**

DRAWN BY:	C. OLIVER	4/19/12
CHECKED BY:	J. HARRISON	4/19/12
DRAWING NO:	PKG-TRF1	4/19/12
SCALE:	NOT TO SCALE	(954) 785-7557

AccuDock





VIEW "A-A"
HINGE ASSY SIDE

HINGE ASSY PLAN

NOTES:
 1. ALL PARTS ARE 6061-T6 ALUMINUM,
 UNLESS NOTATED OTHERWISE.

2. ALL WELDS TO BE CONTINUOUS FILLET
 WELDS, 1/16" SMALLER THAN SMALLEST
 MATERIAL BEING WELDED, UNLESS NOTATED
 OTHERWISE.

3. FULL LENGTH PVC HINGE PIN ISOLATOR
 SUPPLIED WITH HINGE ASSY.

SHEET 1 OF 1

PROJECT DESCRIPTION:

48" HINGE ASSEMBLY

8x3/8" FB SHOWN

DRAWN BY:	C. OLIVER	7/22/13
CHECKED BY:	J. HARRISON	7/22/13
DRAWING NO:	AHA-048	7/22/13
SCALE:	NOT TO SCALE	(954) 785-7557

AccuDock

ADA Compliant Systems: Reference Page to ADA Accessibility Guidelines

Transfer Platform Specifications, as by law (Chapter 10)

1008.3

Transfer Systems. Where transfer systems are provided to connect to elevated play components, transfer systems shall comply with 1008.3.

1008.3.1

Transfer Platforms. Transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids. Transfer platforms shall comply with 1008.3.1.

1008.3.1.1

Size. Transfer platforms shall have level surfaces 14 inches (355 mm) deep minimum and 24 inches (610 mm) wide minimum.

1008.3.1.2

Height. The height of transfer platforms shall be 11 inches (280 mm) minimum and 18 inches (455 mm) maximum measured to the top of the surface from the ground or floor surface.

1008.3.1.3

Transfer Space. A transfer space complying with 305.2 and 305.3 shall be provided adjacent to the transfer platform. The 48 inch (1220 mm) long minimum dimension of the transfer space shall be centered on and parallel to the 24 inch (610 mm) long minimum side of the transfer platform. The side of the transfer platform serving the transfer space shall be unobstructed.

1008.3.1.4

Transfer Supports. At least one means of support for transferring shall be provided.

1008.3.2

Transfer Steps. Transfer steps shall be provided where movement is intended from transfer platforms to levels with elevated play components required to be on accessible routes. Transfer steps shall comply with 1008.3.2.

1008.3.2.1

Size. Transfer steps shall have level surfaces 14 inches (355 mm) deep minimum and 24 inches (610 mm) wide minimum.

1008.3.2.2

Height. Each transfer step shall be 8 inches (205 mm) high maximum.

1008.3.2.3

Transfer Supports. At least one means of support for transferring shall be provided.

1008.4

Play Components. Ground level play components on accessible routes and elevated play components connected by ramps shall comply with 1008.4.

Ref: <http://www.access-board.gov/ada-aba/comparison/chapter10.htm>

ADA COMPLIANT GANGWAY:

Gangways are available that comply with ADA requirements as specified, Chapter 4/Ref; 405: Ramps

405.1

General. Ramps on accessible routes shall comply with 405.

EXCEPTION: In assembly areas, aisle ramps adjacent to seating and not serving elements required to be on an accessible route shall not be required to comply with 405.

405.2

Slope. Ramp runs shall have a running slope not steeper than 1:12.

EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 complying with Table 405.2 where such slopes are necessary due to space limitations.

405.1

General. Ramps on accessible routes shall comply with 405.

Advisory 405.2 Slope.

To accommodate the widest range of users, provide ramps with the least possible running slope and, wherever possible, accompany ramps with stairs for use by those individuals for whom distance presents a greater barrier than steps, e.g., people with heart disease or limited stamina.

405.3

Cross Slope. Cross slope of ramp runs shall not be steeper than 1:48.

Advisory 405.3 Cross Slope.

Cross slope is the slope of the surface perpendicular to the direction of travel. Cross slope is measured the same way as slope is measured (i.e., the rise over the run).

405.4 Floor or Ground Surfaces.

Floor or ground surfaces of ramp runs shall comply with 302. Changes in level other than the running slope and cross slope are not permitted on ramp runs.

405.5 Clear Width.

The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36 inches (915 mm) minimum.

EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.

405.6 Rise.

The rise for any ramp run shall be 30 inches (760 mm) maximum.

405.7 Landings.

Ramps shall have landings at the top and the bottom of each ramp run.

Landings shall comply with 405.7.

Advisory 405.7 Landings.

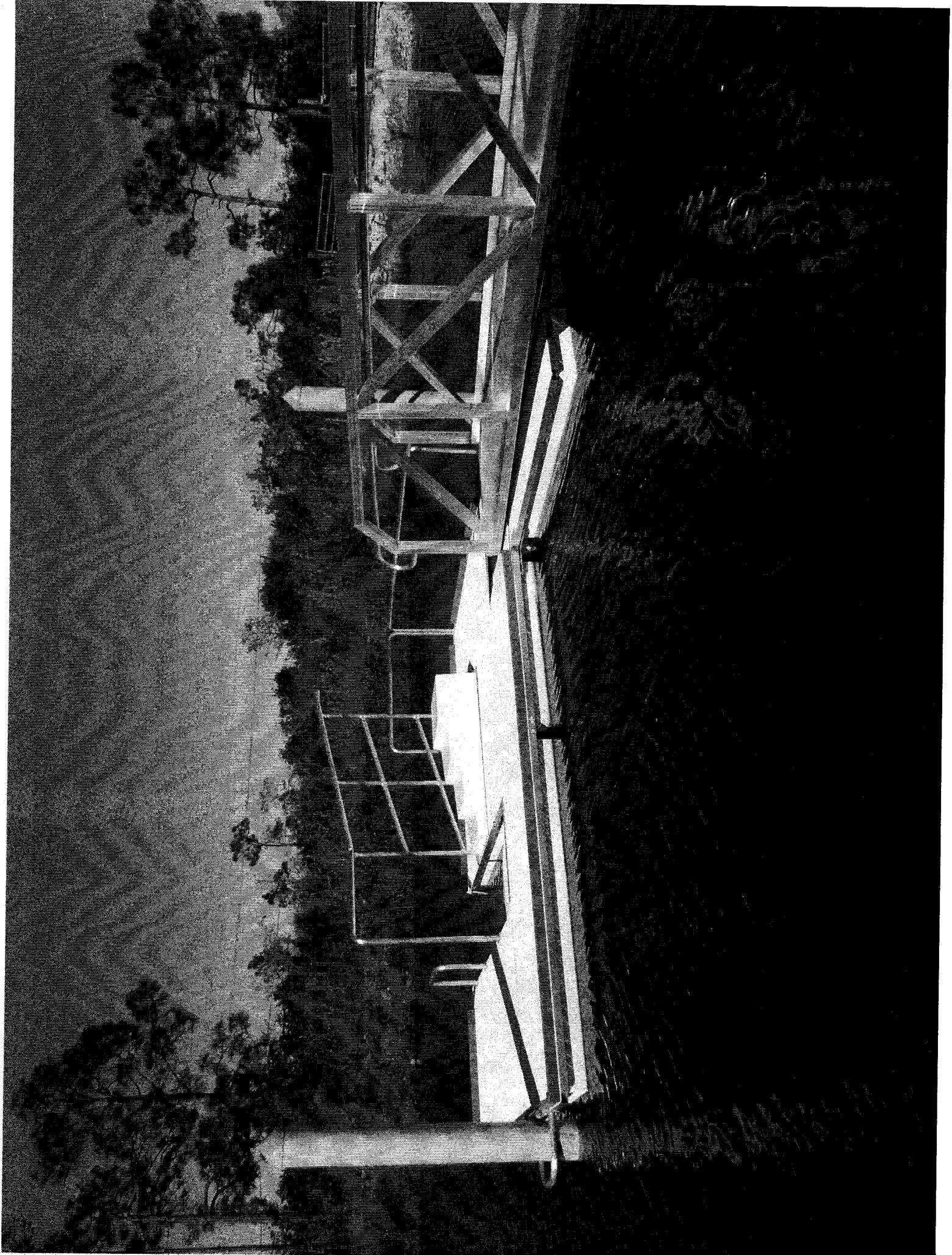
Ramps that do not have level landings at changes in direction can create a compound slope that will not meet the requirements of this document. Circular or curved ramps continually change direction. Curvilinear ramps with small radii also can create compound cross slopes and cannot, by their nature, meet the requirements for accessible routes. A level landing is needed at the accessible door to permit maneuvering and simultaneously door operation.

Advisory 405.2 Slope.

To accommodate the widest range of users, provide ramps with the least possible running slope and, wherever possible, accompany ramps with stairs for use by those individuals for whom distance presents a greater barrier than steps, e.g., people with heart disease or limited stamina.

**405.2 Maximum Ramp Slope and Rise
for Existing Sites, Buildings, and Facilities**

Slope¹	Maximum Rise
1. A slope steeper than 1:8 is prohibited.	
Steeper than 1:10 but not steeper than 1:8	3 inches (75 mm)
Steeper than 1:12 but not steeper than 1:10	6 inches (150 mm)





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AccuDock Standard Specifications:

ADA Transfer Kayak Launch Floating Dock Package, ADA Access Gangway (Palm Beach County)

1. Standard Modular Floating Dock Sections

- 1a. Each AccuDock floating dock section shall be composed of hand welded High Density Polyethylene (HDPE) sheet plastic, using non-rotationally molded floats. AccuDock sections are manufactured using individual sheets for sides, ends, bottoms, and lids. With a 100% guaranteed universal wall thickness of .150 inches, and completely encapsulated expanded polystyrene (EPS) foam. The lid or top surface has a 2-1/2" lip around the entire float.
- 1b. completely encapsulated EPS shall be 100% virgin material and be of a closed cell nature allowing no more than 3% water penetration. This specification will ensure all AccuDock sections will never sink. Floatation shall not be accomplished by use of air pockets in any form.
- 1c. Sections will have a marine grade aluminum frame surrounding the entire perimeter which will be 2" x 2" x .125" square tubing made of 6061T6 series aluminum. Each aluminum frame will be attached to the HDPE lid with 5/16" x 2-3/4" 304 series Stainless Steel carriage bolts. Sections designed to be used individually (work floats) will not have an aluminum frame.
- 1d. Each section shall have a maximum weight of no more than 120 pounds, and shall draft no more than 1" under dead load. Specified live load capabilities of 62 pounds per square foot will be supported.

2. Connections of Float Sections

- 2a. all connectors provided are designed for each individual customer configuration. The connectors shall be made from 6061T6 Marine grade aluminum and mostly be of 1.66" x 1.66" x .125" square tubing.
- 2b. Connectors will create a rigid and stable connection between float sections.



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3. Attachments

- 3a. Attachments will be to pilings by use of a two piece 12" piling hoop bracket. Shall be bolted directly into the 2" square tube frame system on the exterior edge of float section using 304 stainless steel hardware.
- 3b. Location of brackets shall be determined during field installation.

4. Accessories:

- 4a. All AccuDock accessories shall be able to bolt directly into the framing system on every float section. There will be no set area where an accessory must be positioned. All accessories will bolt in the framing system with 304 series Stainless Steel hardware.
- 4b. Project Specific Accessories;
- 4c. AccuDock Safe Launch Feature – will be provided upon customer request in proper dock configurations, and will have a double adjustment utilizing hinge pins and a single rope adjustment. Safe Launch adjustment is designed to be easily accomplished regardless of age or gender.
- 4d. Overhead Assist Bars, Side Assist Bars will be field installed at each customer's desired location. Materials used will be 1-1/4" schedule 40 aluminum pipe, attaching to the surface of each float with 304 series Stainless Steel hardware, being bolted through the aluminum framing system on each float section.

ADA Specifications

5. ADA Transfer Platform

- 5a. The ADA Transfer Platform will be made from fiberglass with a four step transition to the kayak launch slip.
- 5b. Each riser of the steps will have a slight slope to accommodate entry and exit.
- 5c. two transfer support methods are provided-an overhead assist bar and overhead continuous grab bar per 1008.3.1.4 and 1008.3.2.3 Transfer Supports Turning space per (1008.4.1 Turning Space)



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5d. The transfer platform provides access from wheelchair height level- down to the dock level and returning to the wheel chair is in compliance with 1008.3 TRANSFER SYSTEMS: As per the ADA Standards for Accessible Design.

5e. specifically- The TRANSFER PLATFORM is ADA Compliant as follows:

5f. Transfer Platform provided- per 1008.3.1(transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids)

5g. Loading surface level and step size is in compliance with (1008.3.1.1 size & 1008.3.1.2 height)

5h. Transfer space is provided per 1008.3.1.3 Transfer Space.

6. ADA Roll/ Edge Guard

6a. Perimeter, excluding access to slip, of floating kayak platform and launch system shall be installed with 2.5"x1" rounded top edge roll guard which will be bolted into the framework using 304 stainless steel hardware.

6b. All attachment hardware will be countersunk to avoid hazard of exposed hardware

7. ADA Access Gangway

7a. ADA Access Gangway will be fabricated using 6000 Series Aluminum by measurement of 4' in width and 32' in length and manufactured by ADA Specification Standards

7b. ADA Access Gangway main component of fabrication being of 3"x3"x1/8" Aluminum Square ribbed tubing. A pre arched design will be built in for added strength and enhanced aesthetics.

7c. ADA Access Gangway Decking shall consist of knurled and ribbed extrusion and welded to framework of the gangway.

7c. Intermediate railing shall measure 36" above decking and minimum clearance of 36" walk space from handrail to handrail. Handrails will extend out from end of gangway 12" and return to end gangway stanchion. Intermediate handrail shall be fabricated of 1 1/4" schedule 40 pipe



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7d. Intermediate handrail shall be installed to ADA Access Gangway by 2.5" x 3^{7/8} Centerline projected handrail bracket allowing for minimum 1.5" clearance between handrail and side of gangway.

7e. ADA Access Gangway shall include Kick Plate extending up to 2" from decking surface.

7f. Fixed dock connection of ADA Access Gangway to be installed utilizing a 4' dockside hinge plate with 1/2" schedule 40 pipe as the hinge pin.

Revisions to 7g.
7h., 7i. TBD. May need to add roller brackets instead of hinge/comp float based on site install details

7g. ADA Access Gangway to also hinge to the Floating Kayak Launch Platform with additional support of a compensation floating section mounted to the underside of the gangway.

7h. Compensation float shall consist of capacity no less than 50% of the total ADA Access Gangway weight.

7i. Compensation float section shall be mounted with a hinge bracket to allow the support to remain level at all times

7j. Transition plate from gangway to Floating Kayak Launch Platform shall be fabricated from 1/4" x 3/8" Diamond Tread Plate allowing for smooth transition from ADA Access Gangway to Floating Kayak Launch Platform.

Stauffer, Richard

From: Stauffer, Richard
Sent: Thursday, January 30, 2014 10:44 AM
To: Christine Catalano (Christine@accudock.com)
Subject: City of Dallas - White Rock Lake Floating Dock
Attachments: DOC.PDF

Christine,

Please review the attached bid item for the floating dock & let me know your thoughts. We are not on the GSA so cannot purchase it directly. We are on "Buy Board".

I have to include this as part of an overall fishing pier repair project, so I need to provide a generic description. I am looking to make sure we spec a static ADA transfer system. Anything with moving parts will be vandalized.

Please review & provide any comments.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

Park and Recreation Department, City of Dallas, Texas

BID ALTERNATE A3 FLOATING DOCK

Item	Qty	Unit	Description	Unit Price	Amount
The "Lump Sum" price shall include all costs, including freight, handling charges, overhead and profit, insurance and permits.					
A3-1	1	LS	<p>FLOATING DOCK for Kayak/Canoe.</p> <p>Configuration for 2 non-ADA & 1-ADA compliant slip with transfer station. Transfer station must be static with no moving parts.</p> <p>Includes all anchoring & ADA compliant Gangway. Shall be maintenance free, non-corrosive, non-organic, non-soluble, UV resistant, impact resistant, non-buckling skid resistant surface. Unit price includes all material for fresh water marine grade application, labor, tools, appurtenances, equipment and incidentals necessary to complete the work as shown, detailed and specified, complete in place, the sum of</p> <p>_____ Dollars and _____</p> <p>_____ Cents per LF.</p>	\$	\$
A3-2	1	LS	<p>ADA compliant 3000 psi reinforced concrete parking space, accessible isle, & 4' wide sidewalk leading to dock Gangway. To include ADA signage. Contractor to verify & construct facilities for ADA Compliance & City of Dallas Construction Standards.</p> <p>Unit price includes all material, labor, tools, appurtenances, equipment and incidentals necessary to complete the work as shown, detailed and specified, complete in place, the sum of</p> <p>_____ Dollars and _____</p> <p>_____ Cents per LF.</p>		
<p>Total Bid Alternate A3 complete in place, the sum of:</p> <p>The Owner has the right to accept or reject any of the alternate bid items.</p>					

NOTE: DO NOT DETACH Bid Proposal from other documents.
ALL forms MUST BE TYPED or COMPLETED IN INK.

01/30/14

Stauffer, Richard

From: Stauffer, Richard
Sent: Thursday, January 30, 2014 4:19 PM
To: 'Christine Catalano'
Subject: RE: City of Dallas - White Rock Lake Floating Dock

Hi Christine,

The Slip Platform is ok. I thought it was one solid piece with a sloped section of ramp. My reference to "no moving parts" is for the transfer station. In review of some transfer stations on-line saw some telescoping seat platforms or handicap lifts. Want to stay away from those.

Yes, if you could assist with the items described below that would be very helpful.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
Sent: Thursday, January 30, 2014 11:58 AM
To: Stauffer, Richard
Subject: RE: City of Dallas - White Rock Lake Floating Dock
Importance: High

Good Afternoon Richard,

I appreciate your update and though you are not able to purchase direct, I can assist you as much as possible in your building this portion of the solicitation. In reviewing the attachment and thinking of the layout of the project all that would be involved offering you my thoughts/ suggestions on building the bid package;

Providing a complete static system is not an issue. Our Safe Launch feature (slip platform) is not an ADA requirement so we can remove that from the design if need be. Though it's not necessarily detachable it does lower down into the water when in use and ties up to cleats when not in use. If you are in fact hesitant on this component of the layout, it doesn't necessarily have to be included.

I further checked into the plastic buckle or rather "warping" that you had referred to when we first spoke. I was correct, in that it is an older system and was found to have been minimally maintained unfortunately. Though it was an unfortunate result of not being maintained properly, this would still not be a foreseeable issue for your application.

If there was any concern on this particular system that it will be heavily used and not often maintained (cleaned environmentally safe soap and water and scrub brush / pressure cleaning a few times a year); depending on the budget for the project I would look into the possibility of adding the AccuDeck on the surface. This would be a framed PVC decking that covers the surface of the low profile systems. The AccuDeck is completely non slip, super low maintenance and would keep a high traffic slip dock from having to be maintained as frequently- with no possibility of adverse effects to the plastic. I can work with pricing on that for you so not to take it out of budget.

In reading the description for the kayak/canoe slip, I see that you will require a system with two additional slips (non ADA). I'm going to sketch up something for you so you can have a visual of the components that layout will consist of.

Will the bid package contain written specs and drawings or just this short description as shown? I can help with the specs (while still remaining a neutral product). Many times in piggybacking to larger projects, where I would be a supplier and not necessarily a plan holder; we sometimes include the statement of "AccuDock or equal product". This helps to guide those plan holders to where/who to find supply estimate for that specific portion of the project.

Are there guidelines through your process that prevent that from including that statement? Either way, I can give you some helpful verbiage while keeping it ambiguous, if that's what's required.

Statements below would be included in a detailed written specs section and would benefit City of Dallas in reviewing bid submissions if in fact the Transfer Platform design is preferred:

- Edge Guard is important to note in requirements. This is an ADA specific component. Though the other side of the platform will have the non ada slips- the edge guard will need to be applied to the entire perimeter of the application. (Much more cost effective than double railing around entire perimeter).
 - Statement for that would simply say "Perimeter, excluding access to slip, of floating kayak platform and launch system shall be installed with 2.5"x1" rounded top edge roll guard"
- I would mention material specifications in the statement. Florida, California and Texas benefit much more from Aluminum than any timber framing system. Doesn't require as much maintenance and repair/replacement. The way that can be worded in a general statement;
 - "ADA Gangway shall be constructed with 6000 Series Aluminum, ADA Access Gangway main component of fabrication being of 3"x3"x1/8" Aluminum Square ribbed tubing."
 - "ADA Gangway; Intermediate railing shall measure 36" above decking and minimum clearance of 36" walk space from handrail to handrail. Handrails will extend out from end of gangway 12" and return to end gangway stanchion. Intermediate handrail shall be fabricated of 1 1/4" schedule 40 pipe"
- Float Section material -
 - "Completely encapsulated EPS shall be 100% virgin material and be of a closed cell nature allowing no more than 3% water penetration. (You want to note) Floatation shall not be accomplished by use of air pockets in any form". (*if air pylons are punctured, will sink)
 - " Sections will have a marine grade aluminum frame surrounding the entire perimeter which will be 2" x 2" x .125" square tubing made of 6061T6 series aluminum"
- Transfer Platform; "The ADA Transfer Platform will be made from fiberglass with a four step transition to the kayak launch slip, secured to the floating dock with no additional moving parts/rollers of any kind"

If could also provide you with an ambiguous drawing of the layout and components for the package if you would require that as well. It would make for a much easier Q&A for you down the line from plan holders on this portion of the project. I can have drawings done specific to your project so there leaves very little wiggle room for you to receive bids that don't include what you are looking for.

I've been successful in assisting bid writers and engineers for public bid projects for quite sometime, and whether you can list specific brand "or equal" or if you will require to be as vague as possible, I can certainly

assist in putting together specs that will ensure you receive bids on exactly the system you are looking for on the project.

Christine Catalano
GSA Project Director

Visit AccuDock's New Products , ADA Compliant Systems and GSA Contract Holder/ Product Price List

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Christine@accudock.com

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-----Original Message-----

From: Stauffer, Richard [<mailto:richard.stauffer@dallascityhall.com>]
Sent: Thursday, January 30, 2014 11:44 AM
To: Christine@accudock.com
Subject: City of Dallas - White Rock Lake Floating Dock

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214.670.4105

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Sent: Thursday, January 30, 2014 5:09 PM
To: 'Christine Catalano'
Subject: RE: City of Dallas - White Rock Lake Floating Dock

Hi Christine,

In reading your email further, yes I can call out AccuDock or approved equal. I was trying to only use a description in the bid item, but a spec is probably the best route to take. So if you could provide the spec & the sketch that would be great. We want to keep the dock as compact & close to the shore as possible.

Thanks,

Richard Stauffer, P.E.
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- I would mention material specifications in the statement. Florida, California and Texas benefit much more from Aluminum than any timber framing system. Doesn't require as much maintenance and repair/replacement. The way that can be worded in a general statement;
 - "ADA Gangway shall be constructed with 6000 Series Aluminum, ADA Access Gangway main component of fabrication being of 3"x3"x1/8" Aluminum Square ribbed tubing."
 - "ADA Gangway; Intermediate railing shall measure 36" above decking and minimum clearance of 36" walk space from handrail to handrail. Handrails will extend out from end of gangway 12" and return to end gangway stanchion. Intermediate handrail shall be fabricated of 1 1/4" schedule 40 pipe"

- **Float Section material -**
 - "Completely encapsulated EPS shall be 100% virgin material and be of a closed cell nature allowing no more than 3% water penetration. (You want to note) Floatation shall not be accomplished by use of air pockets in any form". (*if air pylons are punctured, will sink).
 - " Sections will have a marine grade aluminum frame surrounding the entire perimeter which will be 2" x 2" x .125" square tubing made of 6061T6 series aluminum"
- **Transfer Platform;** "The ADA Transfer Platform will be made from fiberglass with a four step transition to the kayak launch slip, secured to the floating dock with no additional moving parts/rollers of any kind"

If could also provide you with an ambiguous drawing of the layout and components for the package if you would require that as well. It would make for a much easier Q&A for you down the line from plan holders on this portion of the project. I can have drawings done specific to your project so there leaves very little wiggle room for you to receive bids that don't include what you are looking for.

I've been successful in assisting bid writers and engineers for public bid projects for quite sometime, and whether you can list specific brand "or equal" or if you will require to be as vague as possible, I can certainly assist in putting together specs that will ensure you receive bids on exactly the system you are looking for on the project.

Christine Catalano
GSA Project Director

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-----Original Message-----

From: Stauffer, Richard [<mailto:richard.stauffer@dallascityhall.com>]
Sent: Thursday, January 30, 2014 11:44 AM
To: Christine@accudock.com
Subject: City of Dallas - White Rock Lake Floating Dock

Christine,

Please review the attached bid item for the floating dock & let me know your thoughts. We are not on the GSA so cannot purchase it directly. We are on "Buy Board".

I have to include this as part of an overall fishing pier repair project, so I need to provide a generic description. I am looking to make sure we spec a static ADA transfer system. Anything with moving parts will be vandalized.

Please review & provide any comments.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Friday, January 31, 2014 11:15 AM
To: Stauffer, Richard
Subject: RE: City of Dallas - White Rock Lake Floating Dock
Attachments: Shoreline measurement for gangway.pdf; Triple Slip Layout reference draft 01.31.2014.pdf

Importance: High

Not a problem Richard.

I'm more than happy to assist you on it. I'll prepare a written specs sheet that you'll be able to place directly into the bid package. I'll also have a project specific drawing showing the components of a 12'x18' transfer platform layout and the additional two (non ADA) slips.

The dock (all 3 slips) will be one continuous platform (unit). I just want to confirm this is how you are envisioning it? I'll need to know along the shore line how much area there is to work with and if pilings will be called for or an alternate anchoring system, (Eco Mooring Anchors)?

In keeping the dock as close to shore as possible- I'll need to know the proposed access point and where the gangway would attach? Is it possible to see a couple of photos of the site? (Note; Gangway attachment to shore may require concrete work, which you would also want to specify to the plan holders). Lastly, we'll need to determine the length of the gangway. See attached diagram showing the measurement I need to calculate the gangway length for the ADA GW.

In the meantime, see the attached prelim layout drawing of the 12x18 ADA launch and the additional slips (prelim) to make sure we are on same page. This will resemble the actual drawing but I'm going to have one done that shows "White Rock Lake" specific layout/ title block for you.

So overview on info still needed to complete a project specific package for you;

- Measurements to determine ADA Gangway Length required
- Photos of the proposed install site
- Anchoring/ Attachment of the dock application (pilings or eco mooring anchor system)

I can finish up the specifications for you pretty shortly after determining gangway measurements. The final drawing will be to you Monday or Tuesday latest.

Thank you for your time and continued consideration Richard. Have a wonderful weekend!

Christine Catalano

GSA Project Director

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Contract Holder

Contract GS-07F-1074



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From: Stauffer, Richard [mailto:richard.stauffer@dallascityhall.com]

Sent: Thursday, January 30, 2014 6:09 PM

To: Christine Catalano

Subject: RE: City of Dallas - White Rock Lake Floating Dock

Hi Christine,

In reading your email further, yes I can call out AccuDock or approved equal. I was trying to only use a description in the bid item, but a spec is probably the best route to take. So if you could provide the spec & the sketch that would be great. We want to keep the dock as compact & close to the shore as possible.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Stauffer, Richard

Sent: Thursday, January 30, 2014 4:19 PM

To: 'Christine Catalano'

Subject: RE: City of Dallas - White Rock Lake Floating Dock

Hi Christine,

The Slip Platform is ok. I thought it was one solid piece with a sloped section of ramp. My reference to "no moving parts" is for the transfer station. In review of some transfer stations on-line saw some telescoping seat platforms or handicap lifts. Want to stay away from those.

Yes, if you could assist with the items described below that would be very helpful.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
Sent: Thursday, January 30, 2014 11:58 AM
To: Stauffer, Richard
Subject: RE: City of Dallas - White Rock Lake Floating Dock
Importance: High

Good Afternoon Richard,

I appreciate your update and though you are not able to purchase direct, I can assist you as much as possible in your building this portion of the solicitation. In reviewing the attachment and thinking of the layout of the project all that would be involved offering you my thoughts/ suggestions on building the bid package;

Providing a complete static system is not an issue. Our Safe Launch feature (slip platform) is not an ADA requirement so we can remove that from the design if need be. Though it's not necessarily detachable it does lower down into the water when in use and ties up to cleats when not in use. If you are in fact hesitant on this component of the layout, it doesn't necessarily have to be included.

I further checked into the plastic buckle or rather "warping" that you had referred to when we first spoke. I was correct, in that it is an older system and was found to have been minimally maintained unfortunately. Though it was an unfortunate result of not being maintained properly, this would still not be a foreseeable issue for your application.

If there was any concern on this particular system that it will be heavily used and not often maintained (cleaned environmentally safe soap and water and scrub brush / pressure cleaning a few times a year); depending on the budget for the project I would look into the possibility of adding the AccuDeck on the surface. This would be a framed PVC decking that covers the surface of the low profile systems. The AccuDeck is completely non slip, super low maintenance and would keep a high traffic slip dock from having to be maintained as frequently- with no possibility of adverse effects to the plastic. I can work with pricing on that for you so not to take it out of budget.

In reading the description for the kayak/canoe slip, I see that you will require a system with two additional slips (non ADA). I'm going to sketch up something for you so you can have a visual of the components that layout will consist of.

Will the bid package contain written specs and drawings or just this short description as shown? I can help with the specs (while still remaining a neutral product). Many times in piggybacking to larger projects, where I would be a supplier and not necessarily a plan holder; we sometimes include the statement of "AccuDock or equal product". This helps to guide those plan holders to where/who to find supply estimate for that specific portion of the project.

Are there guidelines through your process that prevent that from including that statement? Either way, I can give you some helpful verbiage while keeping it ambiguous, if that's what's required.

Statements below would be included in a detailed written specs section and would benefit City of Dallas in reviewing bid submissions if in fact the Transfer Platform design is preferred:

- Edge Guard is important to note in requirements. This is an ADA specific component. Though the other side of the platform will have the non ada slips- the edge guard will need to be applied to the

entire perimeter of the application. (Much more cost effective than double railing around entire perimeter).

- Statement for that would simply say "Perimeter, excluding access to slip, of floating kayak platform and launch system shall be installed with 2.5"x1" rounded top edge roll guard"
- I would mention material specifications in the statement. Florida, California and Texas benefit much more from Aluminum than any timber framing system. Doesn't require as much maintenance and repair/replacement. The way that can be worded in a general statement:
 - "ADA Gangway shall be constructed with 6000 Series Aluminum, ADA Access Gangway main component of fabrication being of 3"x3"x1/8" Aluminum Square ribbed tubing."
 - "ADA Gangway; Intermediate railing shall measure 36" above decking and minimum clearance of 36" walk space from handrail to handrail. Handrails will extend out from end of gangway 12" and return to end gangway stanchion. Intermediate handrail shall be fabricated of 1 1/4" schedule 40 pipe"
- Float Section material -
 - "Completely encapsulated EPS shall be 100% virgin material and be of a closed cell nature allowing no more than 3% water penetration. (You want to note) Floatation shall not be accomplished by use of air pockets in any form". (*if air pylons are punctured, will sink).
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If could also provide you with an ambiguous drawing of the layout and components for the package if you would require that as well. It would make for a much easier Q&A for you down the line from plan holders on this portion of the project. I can have drawings done specific to your project so there leaves very little wiggle room for you to receive bids that don't include what you are looking for.

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Christine Catalano
GSA Project Director

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-----Original Message-----

From: Stauffer, Richard [<mailto:richard.stauffer@dallascityhall.com>]

Sent: Thursday, January 30, 2014 11:44 AM

To: Christine@accudock.com

Subject: City of Dallas - White Rock Lake Floating Dock

Christine,

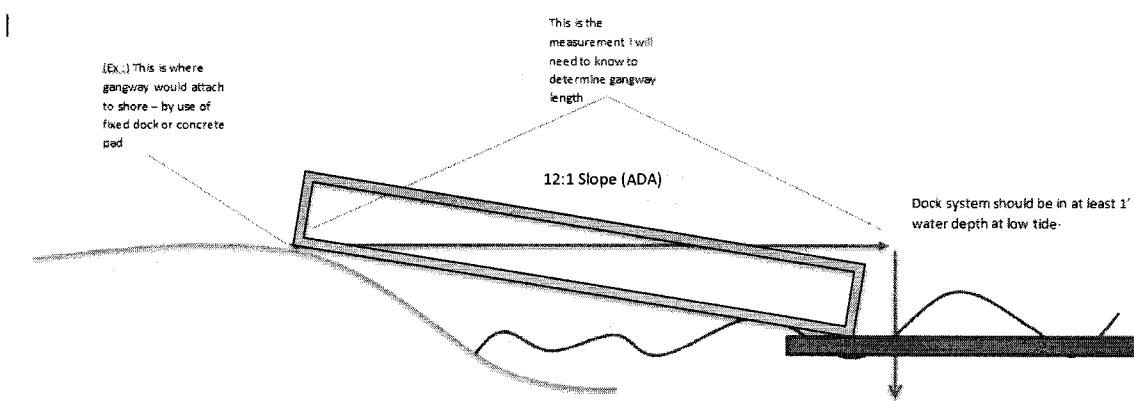
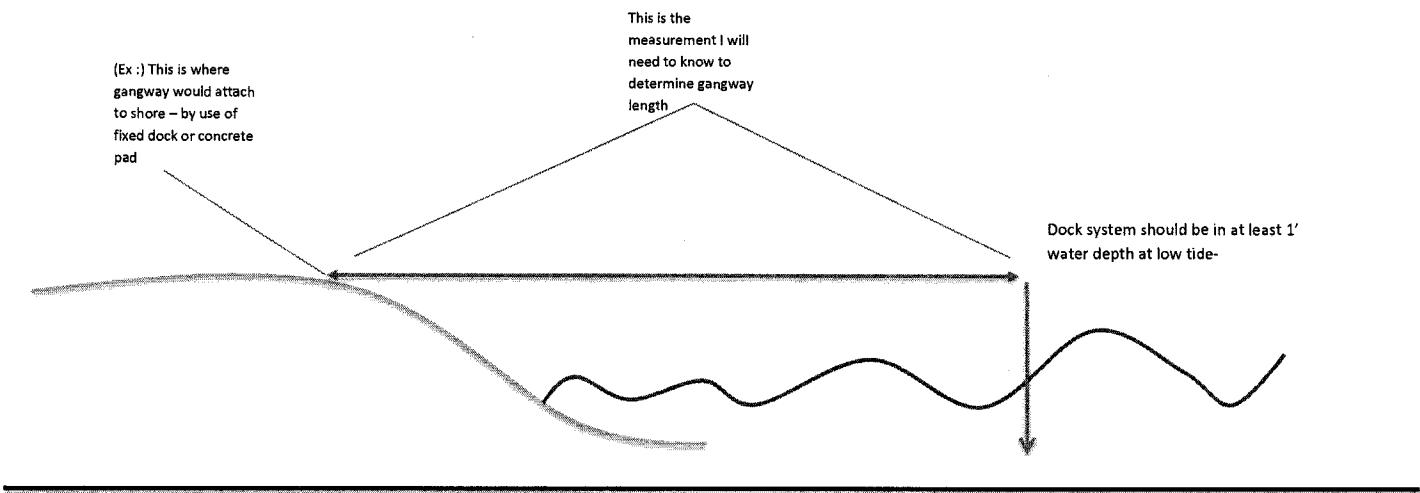
Please review the attached bid item for the floating dock & let me know your thoughts. We are not on the GSA so cannot purchase it directly. We are on "Buy Board".

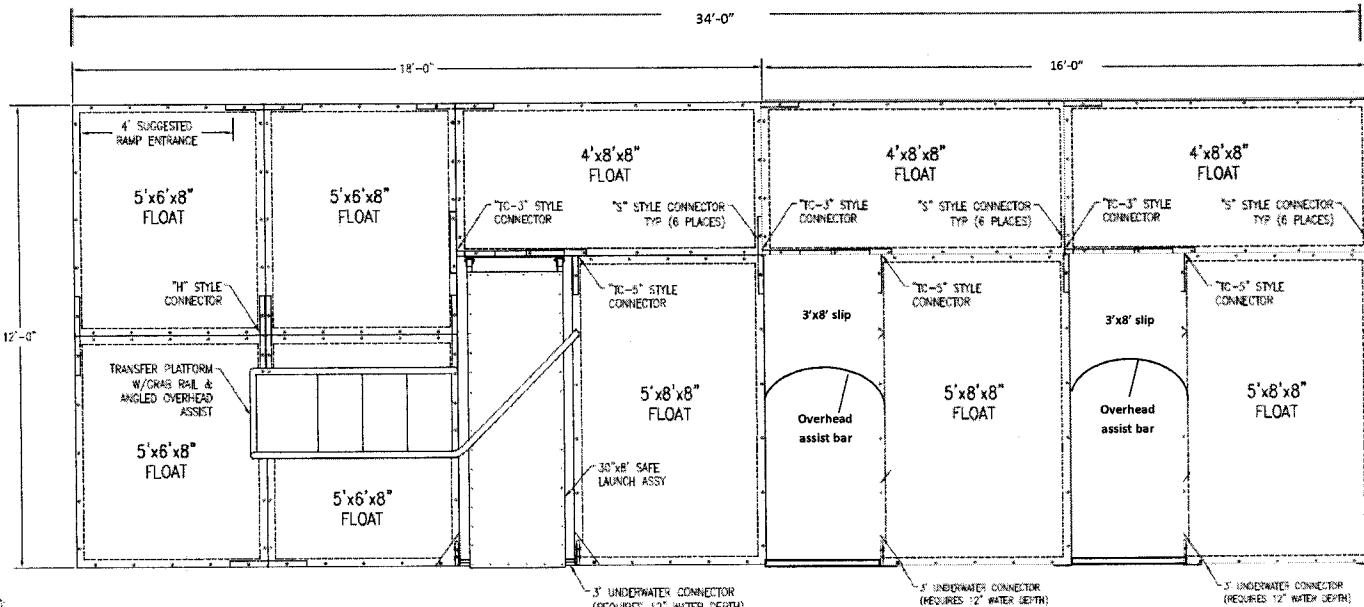
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Please review & provide any comments.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105





NOTES:
 1. ALL SS HARDWARE INCLUDED TO ASSEMBLE THIS PACKAGE.
 2. PACKAGE MAY REQUIRE ANCHORING CONNECTIONS NOT SHOWN ON DRAWING.

Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Tuesday, February 04, 2014 4:09 PM
To: Stauffer, Richard
Subject: AccuDock - Materials Detail (ADA Kayak Launch/ ADA Gangway)
Attachments: AccuDock Materials Detail City of Dallas White Rock Lake ADA Kayak Launch.pdf; 0005-14 City of Dallas.pdf; ADA Kayak Launch Specifications City of Dallas.pdf

Importance: High

Good Afternoon Richard,

Please see attached Material Detail on the components that AccuDock would supply to plan holders.

Additional material specifications are also attached (material / floating dock section components as well as the ADA requirements that would be met by this application).

I've also attached the drawing again for the Kayak Launch and attachments (Gangway/ control arm).

Please let me know once you are able to review the details. The written specifications can be revised as well as finding the most accurate length needed for the control arm and gangway. Feel free to call me to discuss the details.

I look forward to assisting you further on building the spec package. Let me know anything you may need in addition to this information in the meantime.

Always appreciated,

Christine Catalano

GSA Project Director

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Material Specifications / Details

City of Dallas- Texas

White Rock Lake- ADA Kayak Launch
(Triple Slip Dock) ADA Gangway

Description	Qty
Material Detail for 12' x 34' Triple Kayak Slip Dock with ADA Gangway	
Floating Kayak Dock	
5' x 6' x 8" Framed Float	4
4' x 8' x 8" Framed Float	3
5' x 8' x 8" Framed Float	3
S-Style Connector w/ Frame add-on	8
TC connector	4
T-Style Connector	2
H-Style Connector	1
3' Underwater Connector	3
3' Overhead Assist Bar	2
Accudock ADA Transfer Platform with overhead grab rail, and specifically designed angled overhead assist bar	1
2-1/2" Edge/ Roll Off Guard - 50'	50
3' x 8' Safe Launch Platform w/ accessory kit	1
Gangway and Attachment	
4' x 25' ADA Aluminum Gangway with aluminum non skid decking, side railings, intermediate handrails, and kickplates	1
4' Dock Side Connection/Hinge Plate	1
4' Landside Hinge Plate	1

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1790 SW 13th CT
Pompano Beach, FL 33069



Date 2/4/2014

Material Specifications / Details

City of Dallas- Texas

White Rock Lake- ADA Kayak Launch
(Triple Slip Dock) ADA Gangway

Description	Qty
Compensation float needed for additional gangway support	1
Hinging mounting bracket for compensation float	1
25' Heavy duty control arm	1
4' Dock Side Connection/Hinge Plate	1
Stainless Steel Hinge Assembly -- 26" x 5" water jet cut with tabs and mounting holes welded tabs from each side with all SS hardware - landside hinge for control arms	1
Estimated Production Time: 30 business days	
Phone #	Fax #
(954) 785-7557	(954) 784-9144
E-mail	Web Site
sales@accudock.com	www.accudock.com



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AccuDock® ADA Standard Specifications:

ADA Transfer Kayak or Canoe Launch Floating Dock Package, ADA Access Gangway and ADA Compliant Components

1. Standard Modular Floating Dock Sections

1a. Each AccuDock floating dock section shall be composed of hand welded High Density Polyethylene (HDPE) sheet plastic, using non-rotationally molded floats. AccuDock sections are manufactured using individual sheets for sides, ends, bottoms, and lids. With a 100% guaranteed universal wall thickness of .150 inches, and completely encapsulated expanded polystyrene (EPS) foam. The lid or top surface has a 2-1/2" lip around the entire float.

1b. Completely encapsulated EPS shall be 100% virgin material and be of a closed cell nature allowing no more than 3% water penetration. Floatation shall not be accomplished by use of air pockets in any form.

1c. Sections will have a marine grade aluminum frame surrounding the entire perimeter which will be 2" x 2" x .125" square tubing made of 6061T6 series aluminum. Each aluminum frame will be attached to the HDPE lid with 5/16" x 2-3/4" 304 series Stainless Steel carriage bolts. Sections designed to be used individually (work floats) will not have an aluminum frame.

1d. Each section shall have a maximum weight of no more than 120 pounds, and shall draft no more than 1" under dead load. Specified live load capabilities of 62 pounds per square foot will be supported.

2. Connections of Float Sections

2a. all connectors provided shall be made from 6061T6 Marine grade aluminum and be of 1.66" x 1.66" x .125" square tubing.

2b. Connectors shall create a rigid and stable connection between float sections.



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3. Attachments

3a. Attachments shall be specific to the installation site. All attachments shall be bolted directly into the 2" square tube frame system on the exterior edge of float section using 304 stainless steel hardware.

4. Accessories:

4a. All accessories shall be able to bolt directly into the framing system on every float section. There shall be no set area where an accessory must be positioned. All accessories will bolt in the framing system with 304 series Stainless Steel hardware.

4b. Safe Launch Feature – shall be provided to attach into the ADA Launch Slip and shall have a double adjustment utilizing hinge pins and a single rope adjustment. Safe Launch adjustment shall be designed to be easily accomplished regardless of age or gender.

4c. Overhead Assist Bars, Side Assist Bars shall be field installed at purchasers direction. Materials used will be 1-1/4" schedule 40 aluminum pipe, attaching to the surface of each float with 304 series Stainless Steel hardware, being bolted through the aluminum framing system on each float section.

ADA Specifications

5. ADA Transfer Platform

5a. The ADA Transfer Platform shall be made from fiberglass with a four step transition to allowing safe and easy access to the kayak launch slip.

5b. Transfer platform shall be constructed of one solid piece and shall not contain any moveable sections requiring adjustment

5c. Each riser of the transfer steps will have an ADA compliant slope to accommodate entry and exit.

5d. Two transfer support methods shall be provided- an overhead assist bar and overhead continuous grab bar per specific to ADA compliance regulations



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5e. The transfer platform shall provide access from wheelchair height level- down to the dock level and returning to the wheel chair is in compliance with 1008.3 TRANSFER SYSTEMS: As per the ADA Standards for Accessible Design.

5f. Transfer Platform provided- per 1008.3.1 (transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids)

5g. Loading surface level and step size is in compliance with (1008.3.1.1 size & 1008.3.1.2 height)

5h. Transfer space is provided per 1008.3.1.3 Transfer Space.

6. ADA Edge Guard

6a. Perimeter, excluding access to slip, of floating kayak platform and launch system shall be installed with 2.5" x 1" rounded top edge roll guard which will be bolted into the framework using 304 stainless steel hardware.

6b. All attachment hardware shall be countersunk to avoid hazard of exposed hardware

7. ADA Access Gangway

7a. ADA Access Gangway will be fabricated using 6000 Series Aluminum with a minimum measurement of 4' in width (with length determined specific to the project) and manufactured by ADA Specification Standards

(We need to confirm length needed for gangway and control arm) Control arm specs will be below here

7b. ADA Access Gangway main component of fabrication shall be of 3" x 3" x 1/8" Aluminum Square ribbed tubing. A pre arched design shall be built in for added strength and enhanced aesthetics.

7c. ADA Access Gangway Decking shall consist of knurled and ribbed extrusion and welded to framework of the gangway.

7d. Intermediate railing shall measure 36" above decking and minimum clearance of 36" walk space from handrail to handrail. Handrails will extend out from end of gangway 12" and return to end gangway stanchion. Intermediate handrail shall be fabricated of 1 1/4" schedule 40 pipe



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- 7e. Intermediate handrail shall be installed to ADA Access Gangway by 2.5" x 3^{7/8} Centerline projected handrail bracket allowing for minimum 1.5" clearance between handrail and side of gangway.
- 7f. ADA Access Gangway shall include Kick Plate extending up to 2" from decking surface.
- 7g. Landside connection of ADA Access Gangway shall be installed utilizing a 4' landside hinge plate with 1/2" schedule 40 pipe as the hinge pin.
- 7h. ADA Access Gangway to also hinge to the ADA Floating Kayak Launch Platform with additional support of a compensation floating section mounted to the underside of the gangway.
- 7i. Compensation float shall consist of capacity no less than 50% of the total ADA Access Gangway weight.
- 7j. Compensation float section shall be mounted with a hinge bracket to allow the support to remain level at all times
- 7k. Transition plate from gangway to ADA Floating Kayak Launch Platform shall be fabricated from 1/4" x 3/8" Diamond Tread Plate allowing for smooth transition from ADA Access Gangway to ADA Floating Kayak Launch Platform.

Additional Non- ADA Kayak/Canoe Launch Slips

- 8a. ADA Floating Kayak Launch / transfer platform application shall also consist of two additional (non ADA) kayak launch slips and platforms as one complete floating dock system (please see attached drawing for reference)
- 8b. The two additional non-ADA Kayak Launch slips shall be 3' in width by 8' deep and contain each, an overhead assist bar and underwater connector as shown in the drawings.
- 8c. These additional slips and floating platforms shall be constructed of the same material (manufacturer) and shall connect together as one complete floating dock system.

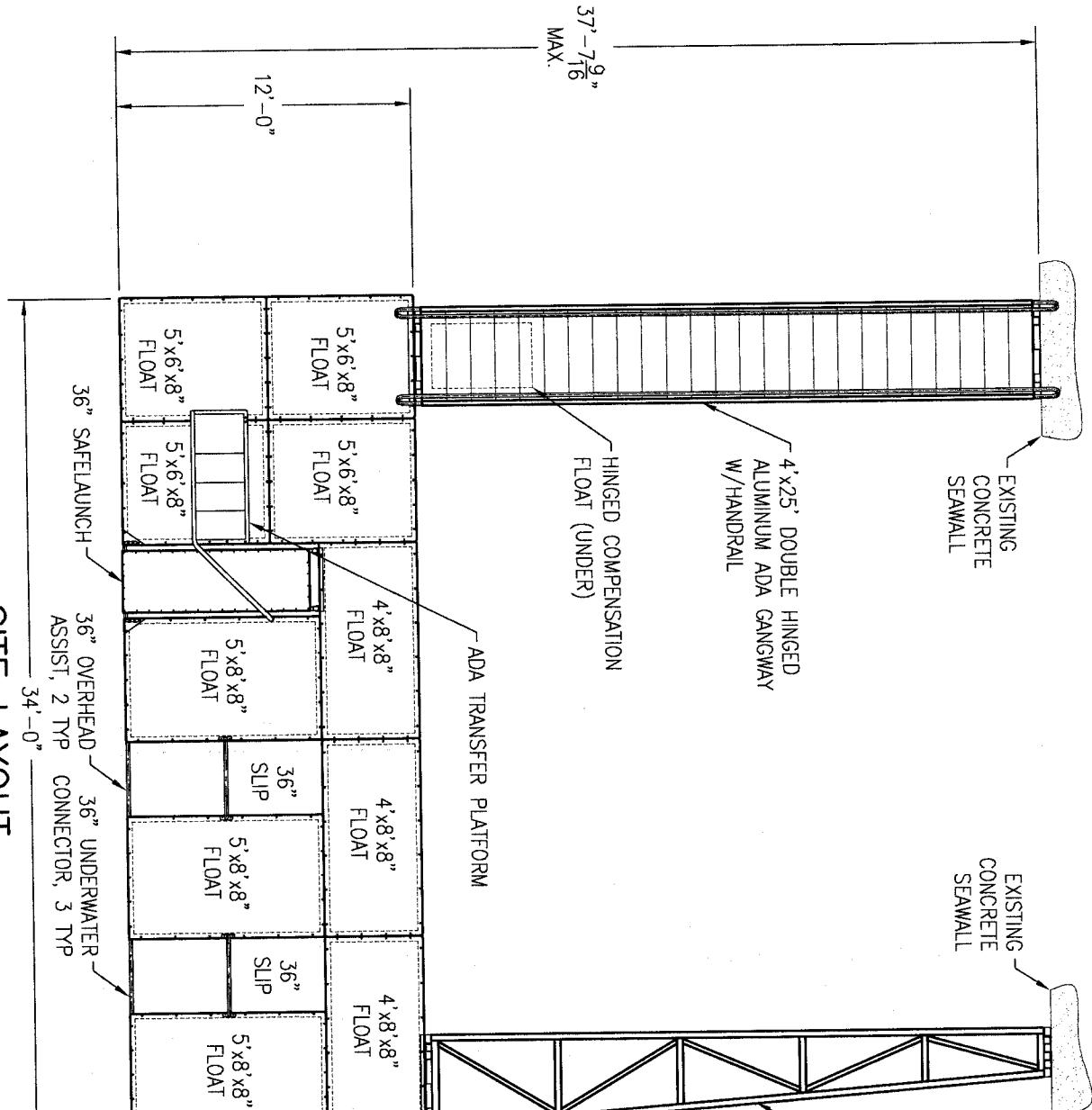


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www.AccuDock.com
1790 SW 13th Court

Office: 954-785-7557
Pompano Beach

sales@AccuDock.com
Florida 33069



PROJECT DESCRIPTION:

CITY OF DALLAS

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISON	02/03/14
DRAWING NO.:	000514	02/03/14
SCALE:	NOT TO SCALE	(954) 785-7557

SHEET 1 OF -

PRELIMINARY

AccuDock

Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Wednesday, February 05, 2014 10:09 AM
To: Stauffer, Richard
Subject: RE: Drawing - City of Dallas/ White Rock Lake Triple Kayak Launch

Importance: High

Good Morning Richard,

I'd be happy to revise the attachment on the drawings and specs using the piling / shorter ramp from a fixed platform. I won't be able to include a fixed dock drawing as that is out of our scope- however I can use that as reference in a much shorter gangway and recommended # pilings and placement as it relates to the dock size and design.

Would you happen to know the diameter of the pilings that would be used, (I can use 10" as reference for preliminary purposes).

I'll get started on those revisions and include material specs that would pertain to the roller/hoop brackets that would attach to the pilings.

Let me know if you have any additional questions or revisions in the meantime.

Always appreciated Richard,

Christine Catalano

GSA Project Director

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From: Stauffer, Richard [mailto:richard.stauffer@dallascityhall.com]
Sent: Wednesday, February 05, 2014 11:02 AM
To: Christine Catalano
Subject: RE: Drawing - City of Dallas/ White Rock Lake Triple Kayak Launch

Christine,

Could you please review using pilings instead of having such a long gangway & using a stongarm. Those won't be feasible at this location. Would like to keep this as close to the shore. Possibly have a wood dock coming out to the floating dock.

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
Sent: Tuesday, February 04, 2014 7:36 AM
To: Stauffer, Richard
Subject: Drawing - City of Dallas/ White Rock Lake Triple Kayak Launch
Importance: High

Good Morning Richard,

Please see the attached drawing for your review. Attachment to shore will (1) work with the project scope for the ADA parking lot construction (2) eliminates having to install pilings and eco mooring securing the dock by gangway/ control arm. The written project specifications will follow shortly after. Please advise if you have the opportunity to list for an Alternate bid of the AccuDeck (PVC Decking) on the surface of the dock application. I've attached some photos of recent examples of this- It gives a great aesthetic to the area as well as lessens the already low maintenance standard white dock surface.

Listing as an alternate gives your team the opportunity to review what that additional cost would be and evaluate against the budgetary requirements for the project plan.

If you find you require any additional documentation or have any questions in the meantime, please don't hesitate to let me know.

Always appreciated,

Christine Catalano

GSA Project Director

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Christine@accudock.com



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Contract GS-07F-1078A



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Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Thursday, February 06, 2014 7:35 AM
To: Stauffer, Richard
Subject: Revised Kayak Launch Drawing from Accudock
Attachments: 0005-14 City of Dallas.pdf

Importance: High

Good Morning Richard,

Please see the revised drawing attached based on the new attachment design.

The piling placement (based on 10" pilings) is recommended by manufacturer (AccuDock) for proper attachment and function for this application.

Revised written specifications and material/quantity detail to follow shortly.

Please let me know if you have any questions in the meantime.

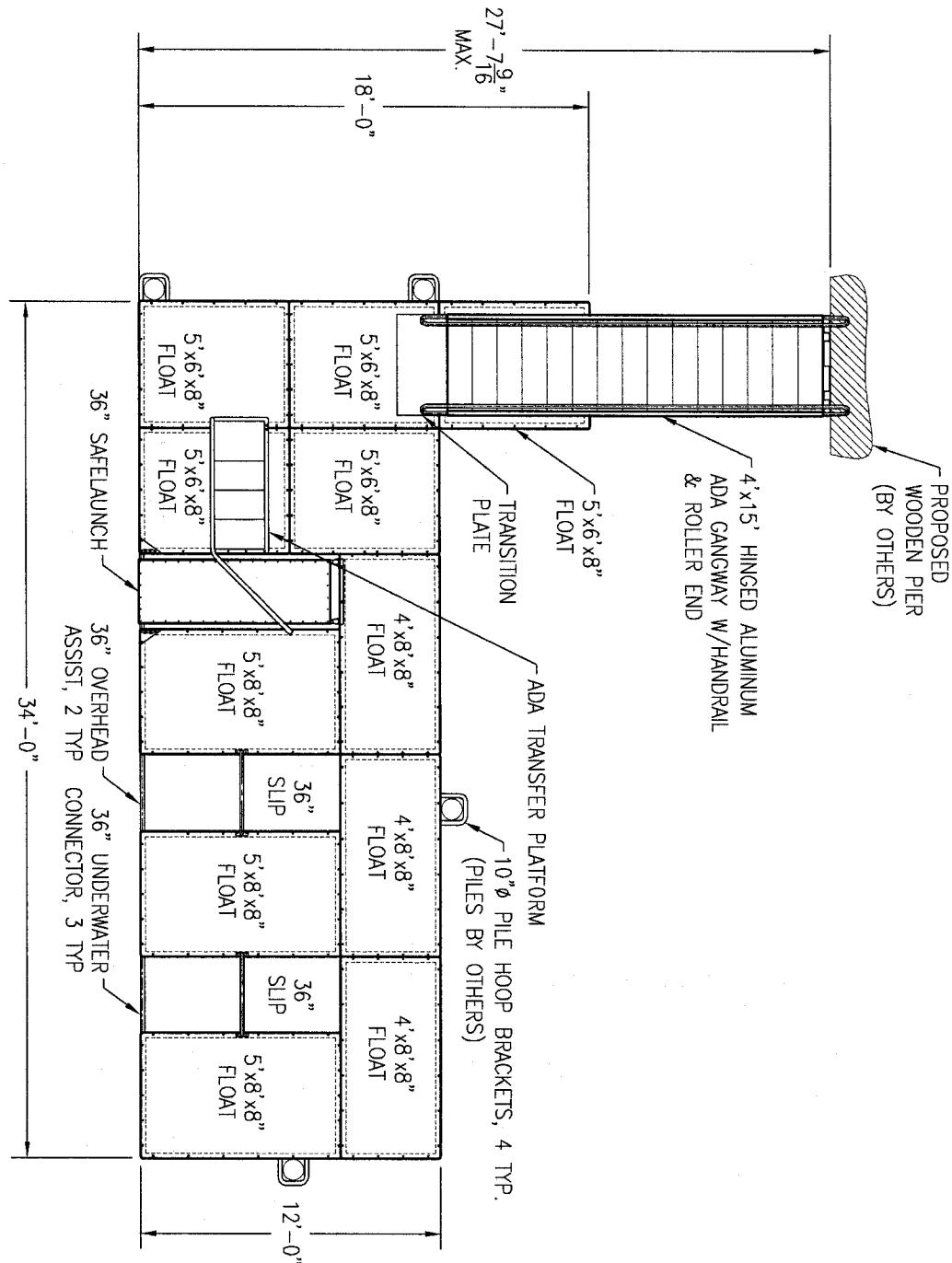
Christine Catalano
GSA Project Director

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SITE LAYOUT

SHEET 1 OF -

PROJECT DESCRIPTION:

CITY OF DALLAS

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISON	02/03/14
DRAWING NO:	0D0514	02/03/14
SCALE:	NOT TO SCALE	(954) 785-7557

AccuDock

PRELIMINARY

Stauffer, Richard

From: Stauffer, Richard
Sent: Monday, February 10, 2014 9:31 AM
To: 'Christine Catalano'
Subject: RE: White Rock Lake Floating Dock - City of Dallas

Christine,

Really need to widen the gangway & remove the railing. If this cannot be accomplished then I need to install a wooden dock in the water & have a plate or something in-between the wood & floating docks.

Please let me know if can use a much wider gangway without railing.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

-----Original Message-----

From: Christine Catalano [<mailto:Christine@accudock.com>]
Sent: Monday, February 10, 2014 9:02 AM
To: Stauffer, Richard
Subject: RE: White Rock Lake Floating Dock - City of Dallas
Importance: High

Good Morning Richard,

I'm currently reviewing your notes and revising the project specs with the new information. I'll have back to you for review promptly.

Always appreciated,

Christine Catalano
GSA Project Director

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-----Original Message-----

From: Stauffer, Richard [mailto:richard.stauffer@dallascityhall.com]
Sent: Friday, February 07, 2014 6:51 PM
To: Christine@accudock.com
Subject: White Rock Lake Floating Dock - City of Dallas

Christine,

Please see attached. Would like to keep the dock as close to shore as possible. Also would like to have the gangway twice or three times the width. There is a kayak rental that operates from this location. People will be hauling kayaks back & forth to the dock, so need space for them to maneuver.

Sincerely,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Wednesday, February 12, 2014 7:20 AM
To: Stauffer, Richard
Subject: AccuDock - Rev. Drawings Base & Alternate design
Attachments: 0005-14 City of Dallas.pdf

Importance: High

Good Morning Richard,

Please review the attached drawings and kindly advise that this is the design preferred (Base & Alternate) for the project.

Once the layout is confirmed, I'll promptly revise the written specifications to list Base and Alternate design components that are included in each.

Much appreciated,

Christine Catalano

GSA Project Director



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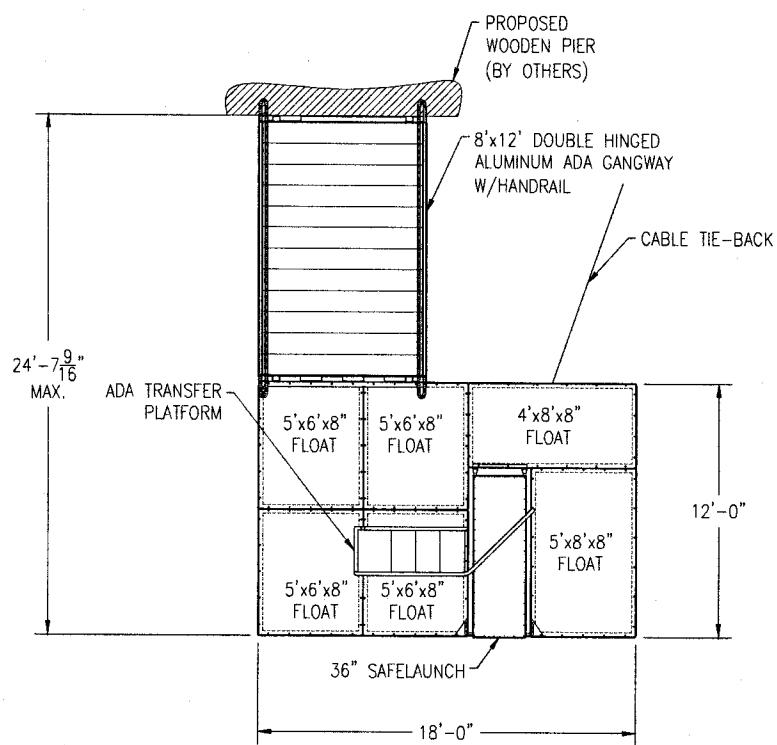
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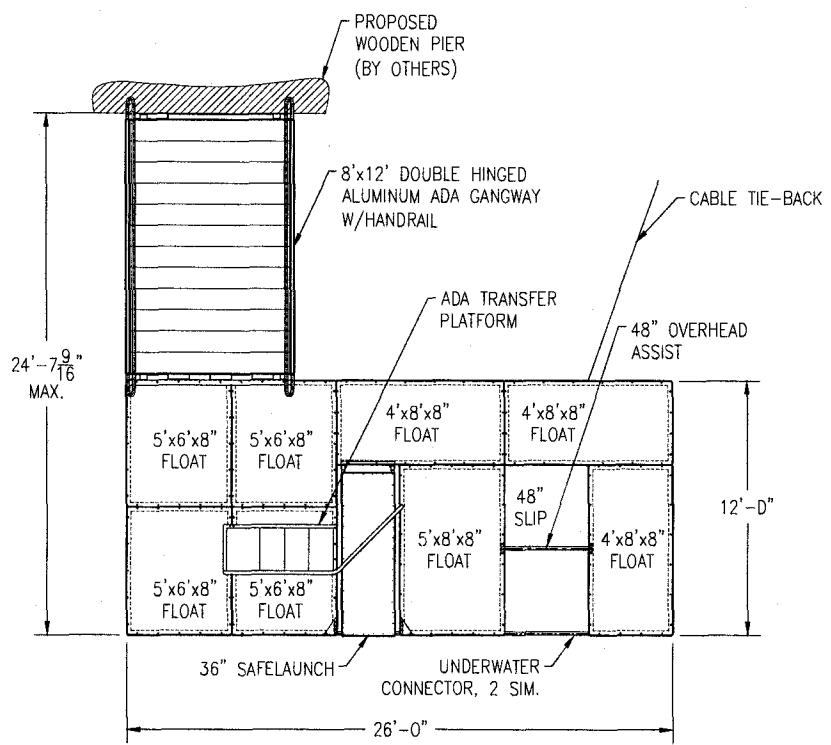
SHEET 1 OF 1

PROJECT DESCRIPTION:

CITY OF DALLAS

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISON	02/03/14
DRAWING NO.:	000514	02/03/14
SCALE:	NOT TO SCALE	

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SITE LAYOUT

SHEET 2 OF 2

PROJECT DESCRIPTION:
CITY OF DALLAS
ALTERNATE OPTION

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISON	02/03/14
DRAWING NO.:	000514	02/03/14
SCALE:	NOT TO SCALE	

AccuDock

PRELIMINARY

Stauffer, Richard

From: Stauffer, Richard
Sent: Wednesday, February 12, 2014 9:26 AM
To: 'Christine Catalano'
Subject: RE: AccuDock - Rev. Drawings Base & Alternate design

Christine,

Please add the piers holding the docks in place. We get a lot of flow coming down the creek into the lake & would like to have additional support.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
Sent: Wednesday, February 12, 2014 7:20 AM
To: Stauffer, Richard
Subject: AccuDock - Rev. Drawings Base & Alternate design
Importance: High

Good Morning Richard,

Please review the attached drawings and kindly advise that this is the design preferred (Base & Alternate) for the project.

Once the layout is confirmed, I'll promptly revise the written specifications to list Base and Alternate design components that are included in each.

Much appreciated,

Christine Catalano

GSA Project Director



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Christine@accudock.com

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Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Wednesday, February 12, 2014 9:29 AM
To: Stauffer, Richard
Subject: RE: AccuDock - Rev. Drawings Base & Alternate design

Not a problem, will do.

Much appreciated,

Christine Catalano

GSA Project Director



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From: Stauffer, Richard [mailto:richard.stauffer@dallascityhall.com]

Sent: Wednesday, February 12, 2014 10:26 AM

To: Christine Catalano

Subject: RE: AccuDock - Rev. Drawings Base & Alternate design

Christine,

Please add the piers holding the docks in place. We get a lot of flow coming down the creek into the lake & would like to have additional support.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [<mailto:Christine@accudock.com>]
Sent: Wednesday, February 12, 2014 7:20 AM
To: Stauffer, Richard
Subject: AccuDock - Rev. Drawings Base & Alternate design
Importance: High

Good Morning Richard,

Please review the attached drawings and kindly advise that this is the design preferred (Base & Alternate) for the project.

Once the layout is confirmed, I'll promptly revise the written specifications to list Base and Alternate design components that are included in each.

Much appreciated,

Christine Catalano

GSA Project Director



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Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Wednesday, February 12, 2014 9:38 AM
To: Stauffer, Richard
Subject: RE: AccuDock - Rev. Drawings Base & Alternate design

Notes on piling attachment-

The ramp will need to roll on dock and not hinge if secured on pilings. This will take up much of that entry footprint of the dock. With the ramp rolling on the dock, would also need to add two additional floats – landward side to maintain the ADA clearance from ramp to the transfer platform.

We could approach with additional anchoring by way of Eco Mooring Anchors, which would give the dock additional attachment support in higher water action conditions.

I can revise design with both options for comparison.

Much appreciated,

Christine Catalano

GSA Project Director



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From: Stauffer, Richard [mailto:richard.stauffer@dallascityhall.com]

Sent: Wednesday, February 12, 2014 10:26 AM

To: Christine Catalano

Subject: RE: AccuDock - Rev. Drawings Base & Alternate design

Christine,

Please ad the piers holding the docks in place. We get a lot of flow coming down the creek into the lake & would like to have additional support.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
Sent: Wednesday, February 12, 2014 7:20 AM
To: Stauffer, Richard
Subject: AccuDock - Rev. Drawings Base & Alternate design
Importance: High

Good Morning Richard,

Please review the attached drawings and kindly advise that this is the design preferred (Base & Alternate) for the project.

Once the layout is confirmed, I'll promptly revise the written specifications to list Base and Alternate design components that are included in each.

Much appreciated,

Christine Catalano

GSA Project Director



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Stauffer, Richard

From: Stauffer, Richard
Sent: Wednesday, February 12, 2014 9:56 AM
To: 'Christine Catalano'
Subject: RE: AccuDock - Rev. Drawings Base & Alternate design
Attachments: FloatingDock-location.docx

Christine,

We want to keep the dock as close to the shore as possible. Will the Eco Mooring Anchors be able to handle water flowing in from the creek, therefore horizontal flow not just vertical fluctuations. This dock sits near the entrance of the creek into the lake.

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
Sent: Wednesday, February 12, 2014 9:38 AM
To: Stauffer, Richard
Subject: RE: AccuDock - Rev. Drawings Base & Alternate design

Notes on piling attachment-

The ramp will need to roll on dock and not hinge if secured on pilings. This will take up much of that entry footprint of the dock. With the ramp rolling on the dock, would also need to add two additional floats - landward side to maintain the ADA clearance from ramp to the transfer platform.

We could approach with additional anchoring by way of Eco Mooring Anchors, which would give the dock additional attachment support in higher water action conditions.

I can revise design with both options for comparison.

Much appreciated,

Christine Catalano

GSA Project Director



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From: Stauffer, Richard [<mailto:richard.stauffer@dallascityhall.com>]

Sent: Wednesday, February 12, 2014 10:26 AM

To: Christine Catalano

Subject: RE: AccuDock - Rev. Drawings Base & Alternate design

Christine,

Please ad the piers holding the docks in place. We get a lot of flow coming down the creek into the lake & would like to have additional support.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [<mailto:Christine@accudock.com>]

Sent: Wednesday, February 12, 2014 7:20 AM

To: Stauffer, Richard

Subject: AccuDock - Rev. Drawings Base & Alternate design

Importance: High

Good Morning Richard,

Please review the attached drawings and kindly advise that this is the design preferred (Base & Alternate) for the project.

Once the layout is confirmed, I'll promptly revise the written specifications to list Base and Alternate design components that are included in each.

Much appreciated,

Christine Catalano

GSA Project Director



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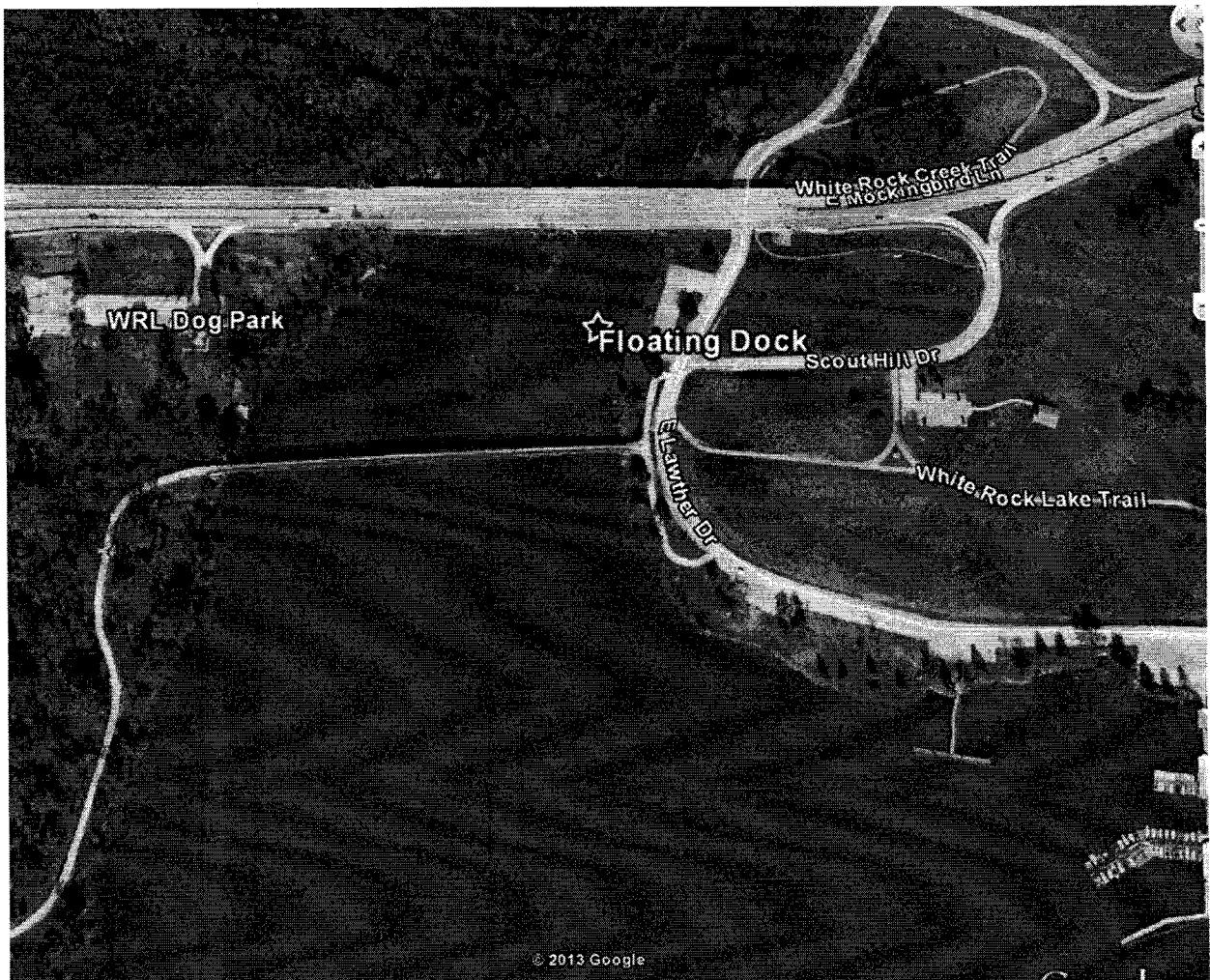
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From: Stauffer, Richard [mailto:richard.stauffer@dallascityhall.com]
Sent: Friday, February 14, 2014 6:01 PM
To: Christine Catalano
Subject: RE: Revised- Final Drawings for review

Christine,

We reviewed these ove here & they look great. Please proceed with updating the specs. Did have a question on the drawings having the AccuDock logo on the sheets. Have other Cities advertised with the logos. We will call out AccuDock or approved equal. Just want to make sure having the logo will not create the appearance of a "conflict of interest".

Please let me know how other City's have handled this.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
Sent: Thursday, February 13, 2014 7:34 AM
To: Stauffer, Richard
Subject: Revised- Final Drawings for review
Importance: High

Good Morning Richard,

Please see attached revisions on the Base ADA Kayak Launch and Alternate double launch design. The compensation float is added as well as the Eco Mooring anchoring recommended.

Let me know your thoughts. Once I have your confirmation, I'll update the written specs and have those to you this afternoon.

Don't hesitate to let me know of any additional documentation you may need in the meantime.

Much appreciated,

Christine Catalano

GSA Project Director





Contract Holder
Contract GS-07F-1075A

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ADA Transfer Kayak (Alt Canoe Launch) Floating Dock Package, ADA Access Gangway and ADA Compliant Components

1. Standard Modular Floating Dock Sections

- 1a. Each AccuDock (or equal) floating dock section shall be composed of hand welded High Density Polyethylene (HDPE) sheet plastic, using non-rotationally molded floats. AccuDock (or equal) sections are manufactured using individual sheets for sides, ends, bottoms, and lids. With a 100% guaranteed universal wall thickness of .150 inches, and completely encapsulated expanded polystyrene (EPS) foam. The lid or top surface has a 2-1/2" lip around the entire float.
- 1b. Completely encapsulated EPS shall be 100% virgin material and be of a closed cell nature allowing no more than 3% water penetration. Floatation shall not be accomplished by use of air pockets in any form.
- 1c. Sections will have a marine grade aluminum frame surrounding the entire perimeter which will be 2" x 2" x .125" square tubing made of 6061T6 series aluminum. Each aluminum frame will be attached to the HDPE lid with 5/16" x 2-3/4" 304 series Stainless Steel carriage bolts. Sections designed to be used individually (work floats) will not have an aluminum frame.
- 1d. Each section shall have a maximum weight of no more than 120 pounds, and shall draft no more than 1" under dead load. Specified live load capabilities of 62 pounds per square foot will be supported.

2. Connections of Float Sections

- 2a. all connectors provided shall be made from 6061T6 Marine grade aluminum and be of 1.66" x 1.66" x .125" square tubing.
- 2b. Connectors shall create a rigid and stable connection between float sections.

3. Attachments

- 3a. Attachments shall be specific to the installation site. All attachments shall be bolted directly into the 2" square tube frame system on the exterior edge of float section using 304 stainless steel hardware.
- 3b. 5/16" - 7X19 S/S Cable Tie Back Setup will attach to the landside on the floating dock and secured to shore for additional dock stabilization

3c. Eco Mooring Anchors (2) are to be applied as instructed by manufacturer, (detail shown on drawings) and shall stabilize dock from horizontal flow and vertical water fluctuations

4. Accessories:

4a. All accessories shall be able to bolt directly into the framing system on every float section. There shall be no set area where an accessory must be positioned. All accessories will bolt in the framing system with 304 series Stainless Steel hardware.

4b. Safe Launch Feature – shall be provided to attach into the ADA Launch Slip and shall have a double adjustment utilizing hinge pins and a single rope adjustment. Safe Launch adjustment shall be designed to be easily accomplished regardless of age or gender.

4c. Overhead Assist Bars, Side Assist Bars shall be field installed at purchaser's direction. Materials used will be 1-1/4" schedule 40 aluminum pipe, attaching to the surface of each float with 304 series Stainless Steel hardware, being bolted through the aluminum framing system on each float section.

ADA Specifications

5. ADA Transfer Platform

5a. The ADA Transfer Platform shall be made from fiberglass with a four step transition to allowing safe and easy access to the kayak launch slip.

5b. Transfer platform shall be constructed of one solid piece and shall not contain any moveable sections requiring adjustment

5c. Each riser of the transfer steps will have an ADA compliant slope to accommodate entry and exit.

5d. Two transfer support methods shall be provided- an overhead assist bar and overhead continuous grab bar per specific to ADA compliance regulations

5e. The transfer platform shall provide access from wheelchair height level- down to the dock level and returning to the wheel chair is in compliance with 1008.3 TRANSFER SYSTEMS: As per the ADA Standards for Accessible Design.

5f. Transfer Platform provided- per 1008.3.1(transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids)

5g. Loading surface level and step size is in compliance with (1008.3.1.1 size & 1008.3.1.2 height)

5h. Transfer space is provided per 1008.3.1.3 Transfer Space.

6. ADA Edge Guard

6a. Perimeter, excluding access to slip, of floating kayak platform and launch system shall be installed with 2.5"x1" rounded top edge roll guard which will be bolted into the framework using 304 stainless steel hardware.

6b. All attachment hardware shall be countersunk to avoid hazard of exposed hardware

7. ADA Access Gangway

7a. ADA Access Gangway will be fabricated using 6000 Series Aluminum with a minimum measurement of 8'x12'

7b. ADA Access Gangway main component of fabrication shall be of 3"x3"x1/8" Aluminum Square ribbed tubing. A pre arched design shall be built in for added strength and enhanced aesthetics.

7c. ADA Access Gangway Decking shall consist of knurled and ribbed extrusion and welded to framework of the gangway.

7d. Intermediate railing shall measure 36" above decking and minimum clearance of 36" walk space from handrail to handrail. Handrails will extend out from end of gangway 12" and return to end gangway stanchion. Intermediate handrail shall be fabricated of 1 1/4" schedule 40 pipe

7e. Intermediate handrail shall be installed to ADA Access Gangway by 2.5"x3^{7/8} Centerline projected handrail bracket allowing for minimum 1.5" clearance between handrail and side of gangway.

7f. ADA Access Gangway shall include Kick Plate extending up to 2" from decking surface.

7g. Landside connection of ADA Access Gangway shall be installed utilizing an 8' landside hinge plate with 1/2" schedule 40 pipe as the hinge pin.

7h. ADA Access Gangway to also hinge to the ADA Floating Kayak Launch Platform with additional support of a compensation floating section mounted to the underside of the gangway.

7i. Compensation float shall consist of capacity no less than 50% of the total ADA Access Gangway weight.

7j. Compensation float section shall be mounted with a hinge bracket to allow the support to remain level at all times

7k. Transition plate from gangway to ADA Floating Kayak Launch Platform shall be fabricated from $\frac{1}{4}$ " x 3/8" Diamond Tread Plate allowing for smooth transition from ADA Access Gangway to ADA Floating Kayak Launch Platform.

8. ALTERNATE (Spec description- see drawings for details)

8a. ADA Floating Kayak Launch / transfer platform application shall also consist of one (1) additional (non ADA) 48" canoe launch slip and platforms as one complete floating dock system (please see attached drawing for reference)

8b. The additional non-ADA Canoe Launch slip shall be 4' in width by 8' deep and contain each, an overhead assist bar and underwater connector as shown in the drawings.

8c. If Alternate chosen, additional slip and floating platform sections shall be constructed from the same manufacturer as the base bid and shall connect together as one complete floating dock system.

(MATERIAL/QUANTITY DETAIL BELOW- ALSO SEE DRAWINGS FOR FURTHER DETAIL)

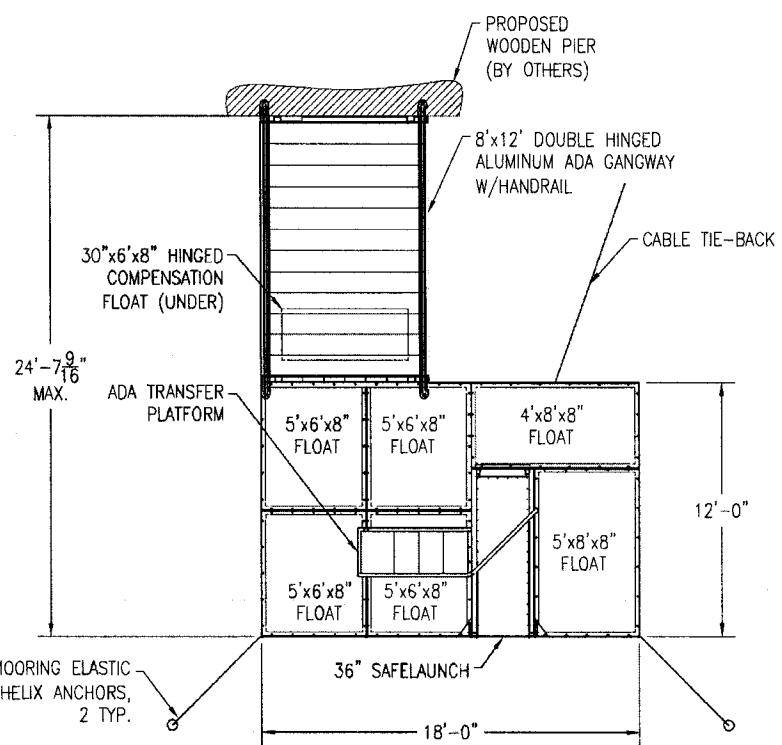
BASE BID (MATERIAL / QUANTITY)

BASE BID: 12' x 18' Kayak Launch Dock with Access ADA Gangway	
Product Description	Qty
4' x 8' x 8" Framed Float	1
5' x 8' x 8" Framed Float	1
5' x 6' x 8" Framed Float	4
S-Style Connector w/ Frame add-on	6
TC-Style Connector 5	1
TC-Style Connector 3	1
H-Style Connector	1
3' Underwater Connector	1

3' x 8' Safe Launch Platform w/ accessory kit	1
ADA Transfer Platform with overhead grab rail, and specifically designed angled overhead assist bar	1
Side Railing - Kayak Accessory	1
5/16" - 7X19 S/S Cable Tie Back Setup	1
Eco Mooring elastic rode with helix anchor and cleat for dock securing	2
2-1/2" Edge/ Roll Off Guard - 49'	49

ALTERNATE BID (ADDITIONAL MATERIAL/ QUANTITY):

ALTERNATE BID: ADDITIONAL CANOE LAUNCH	
Product Description	Qty
4' x 8' x 8" Framed Float	2
4' Underwater Connector	1
4' Overhead Assist Bar	1
T-Style Connector	1
TC-Style Connector 1	1
2-1/2" Edge/ Roll Off Guard	8



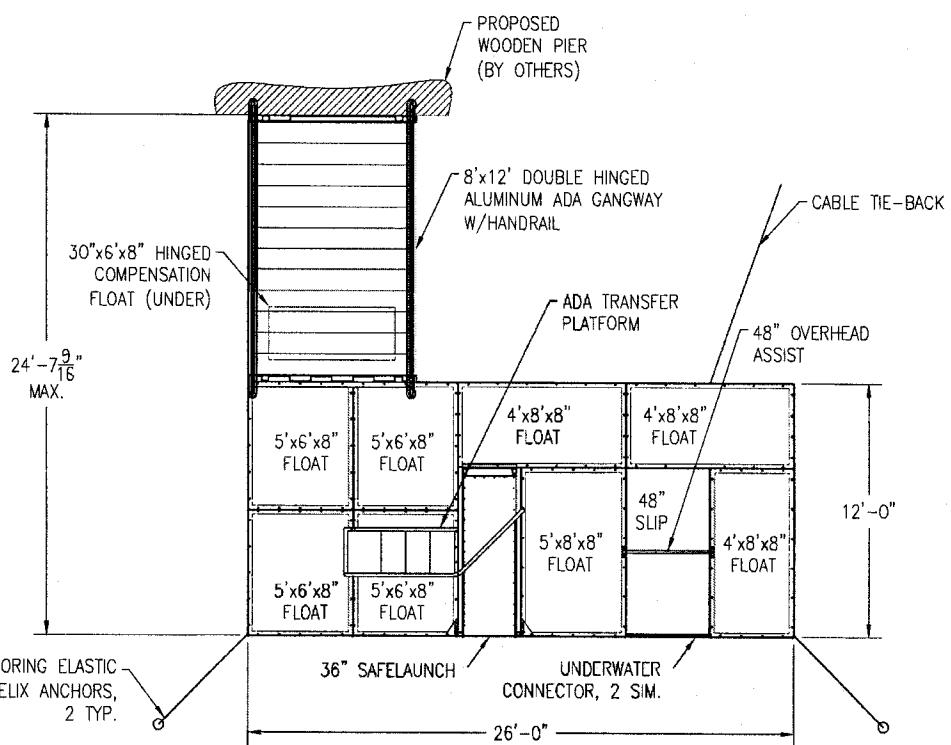
SITE LAYOUT

SHEET 1 OF _

PROJECT DESCRIPTION:

CITY OF DALLAS

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISON	02/03/14
DRAWING NO:	000514	02/03/14
SCALE:	NOT TO SCALE	



PRELIMINARY

SITE LAYOUT

SHEET 2 OF 2

PROJECT DESCRIPTION:

CITY OF DALLAS
ALTERNATE OPTION

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISON	02/03/14
DRAWING NO.:	000514	02/03/14
SCALE:	NOT TO SCALE	

Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Monday, February 17, 2014 8:13 AM
To: Stauffer, Richard
Subject: RE: Revised- Final Drawings for review

Importance: High

Good Morning Richard,

That's great news. I'll work on finishing the updated written for you this morning. You will have those shortly to review.

I think it might be best to remove the AccuDock logo in the actual solicitation package- Just to be safe. OKC Devon Boathouse kept the title block label, and some others need to remove it – so I say let's remove it so not to leave that "conflict of interest" open after the fact.

Let me know if you're able to crop the files you have or if you need me to have it removed and resend.

Always appreciated,

Christine Catalano

GSA Project Director



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1790 SW 13th Court, Pompano Beach, FL 33069

954-785-7557 Ext 201

Christine@accudock.com

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From: Stauffer, Richard [mailto:richard.stauffer@dallascityhall.com]
Sent: Friday, February 14, 2014 6:01 PM

To: Christine Catalano
Subject: RE: Revised- Final Drawings for review

Christine,

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Please let me know how other City's have handled this.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
Sent: Thursday, February 13, 2014 7:34 AM
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Subject: Revised- Final Drawings for review
Importance: High

Good Morning Richard,

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Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Monday, February 17, 2014 10:45 AM
To: Stauffer, Richard
Subject: RE: Revised- Drawings (w/out title block logo)
Attachments: 0005-14 City of Dallas Final rev 02172014.pdf

Importance: High

Hi Richard,

Here are the drawings with the logo removed from title block.

Revised written are to follow very shortly.

Always appreciated.

Christine Catalano

GSA Project Director



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Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

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To: Stauffer, Richard

Subject: Revised- Final Drawings for review

Importance: High

Good Morning Richard,

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Much appreciated,

Christine Catalano

GSA Project Director



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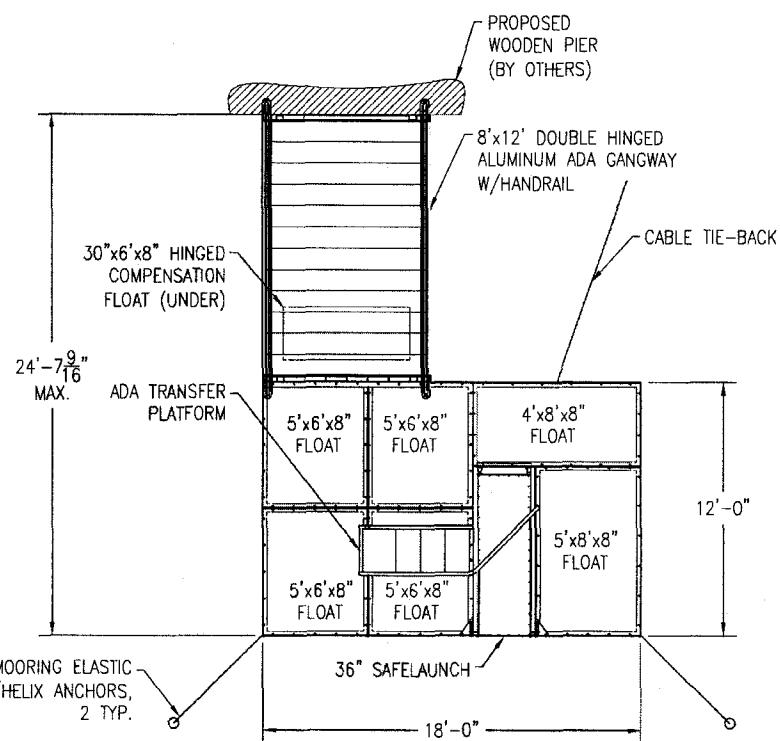
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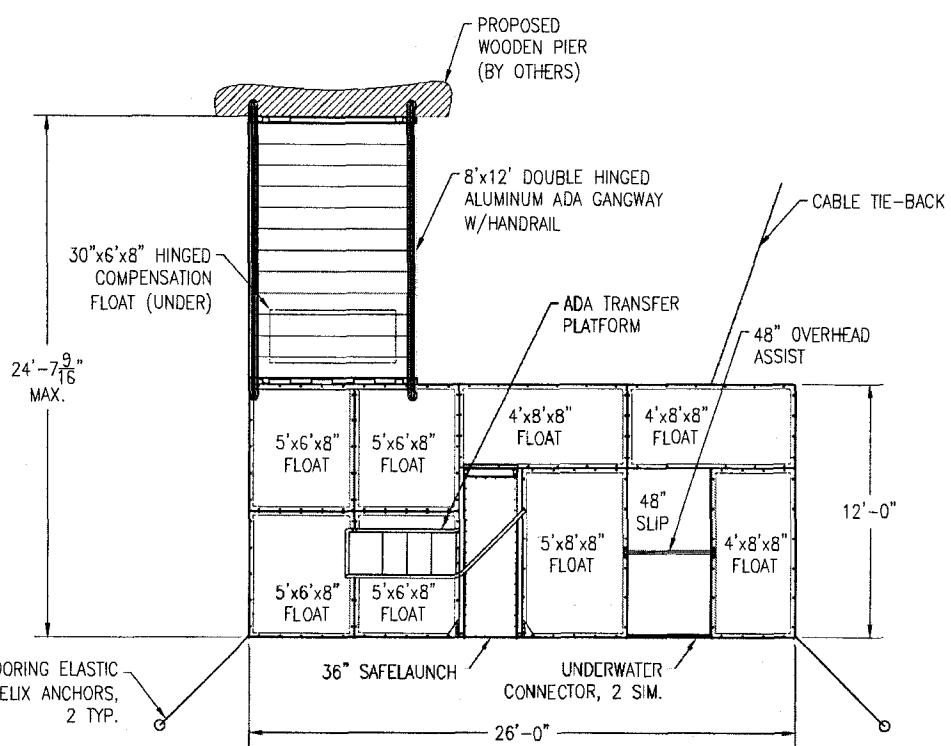
SITE LAYOUT

SHEET 1 OF -

PROJECT DESCRIPTION:

CITY OF DALLAS

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISDN	02/03/14
DRAWING NO:	000514	02/03/14
SCALE:	NOT TO SCALE	



SITE LAYOUT

SHEET 2 OF -

PROJECT DESCRIPTION:

**CITY OF DALLAS
ALTERNATE OPTION**

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISON	02/03/14
DRAWING NO:	000514	02/03/14
SCALE:	NOT TO SCALE	

Stauffer, Richard

From: Christine Catalano <Christine@accudock.com>
Sent: Monday, February 17, 2014 3:45 PM
To: Stauffer, Richard
Subject: RE: Revised City of Dallas (2/17/2014)- Final Written Specs & Drawings for review
Attachments: ADA Kayak Launch Specifications City of Dallas REV02172014.pdf, 0005-14 City of Dallas Final rev 02172014.pdf
Importance: High

Hi Richard,

The written specifications have been revised; please see attached for your review.

I also removed the AccuDock logo and contact info. You will be able to list me and the office information in a separate section; "Suggested Manufacturer". A couple of items are noted to be AccuDock (or equal)- otherwise I kept them ambiguous for the most part.

Please let me know of anything else you may require to complete the bid package or revisions to the attached specs.

I also attached the drawings again (with logo removed) to keep all the revised documents together for you.

Much appreciated,

Christine Catalano

GSA Project Director



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Stauffer, Richard

From: Stauffer, Richard
Sent: Tuesday, February 18, 2014 10:39 AM
To: 'Christine Catalano'
Subject: RE: Revised City of Dallas (2/17/2014)- Final Written Specs & Drawings for review

Christine,

Have a question on the Eco Mooring Rode lengths. These may be in 4' depths closest to the shore and 6' to 10' on the lake side of the floating dock.

The photo in the details provided for the Helix Anchoring System show only a rope & the helix anchor (pg 4). The detail on page 5 shows the rode & calls out a rode length of 7' of rode for ever foot depth of water.

Since I don't know the exact depths we will be at, how do I specify the lengths or is there a generic length/cost of Rod from 7' to 10' in length. If not what is the price change for every foot of rod.

Bidders will be requesting this info.

Sincerely,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
Sent: Monday, February 17, 2014 3:45 PM
To: Stauffer, Richard
Subject: RE: Revised City of Dallas (2/17/2014)- Final Written Specs & Drawings for review
Importance: High

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Much appreciated,

Christine Catalano

GSA Project Director



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Contract GS-07F-1078A

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From: Stauffer, Richard [<mailto:richard.stauffer@dallascityhall.com>]

Sent: Friday, February 14, 2014 6:01 PM

To: Christine Catalano

Subject: RE: Revised- Final Drawings for review

Christine,

We reviewed these ove here & they look great. Please proceed with updating the specs. Did have a question on the drawings having the AccuDock logo on the sheets. Have other Cities advertised with the logos. We will call out AccuDock or approved equal. Just want to make sure having the logo will not create the appearance of a "conflict of interest".

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Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [<mailto:Christine@accudock.com>]

Sent: Thursday, February 13, 2014 7:34 AM

To: Stauffer, Richard

Subject: Revised- Final Drawings for review

Importance: High

Good Morning Richard,

Please see attached revisions on the Base ADA Kayak Launch and Alternate double launch design. The compensation float is added as well as the Eco Mooring anchoring recommended.

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Christine Catalano

GSA Project Director



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Stauffer, Richard

From: Stauffer, Richard
Sent: Tuesday, February 18, 2014 10:55 AM
To: 'Christine Catalano'
Subject: RE: Revised City of Dallas (2/17/2014)- Final Written Specs & Drawings for review

Christine,

Comment: need the width of the gangway shown on the plans. Also would like to know if we can eliminate the handrails. Since the gangway wider than just 36" would be best to get away from handrails.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

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Stauffer, Richard

From: Lawrence, John
Sent: Friday, May 23, 2014 7:31 AM
To: Stauffer, Richard
Cc: Lim, Leong; Lazalde, Rosemary; Givens, Shelia
Subject: RE: Floating Docks

Richard,

Funding for this project will be Fund 469/Org 6868

John

From: Stauffer, Richard
Sent: Thursday, May 22, 2014 2:44 PM
To: Lawrence, John
Cc: Lim, Leong
Subject: Floating Docks

John,

The White Rock Lake Pier Replacements & Floating Dock is scheduled for Park Board on June 5th, & Council June 25th.

The Piers will be funded through the General Fund, but the Floating Docks will be funded through your division. Will award the Floating Dock with the ADA slip & ramp etc & an additional dock with a Kayak/Canoe Slip.

Floating Dock with ADA Slip =	\$27,762.50
Floating Dock with Kayak/Canoe Slip =	<u>\$3,860.00</u>
Total	\$31,622.50

Need the Funding info asap for the agenda.

Also will be getting the cost for the ADA parking & access to the dock from Facility Services in the near future, so please keep funding for this mind.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

Stauffer, Richard

From: Stauffer, Richard
Sent: Thursday, May 22, 2014 2:44 PM
To: John Lawrence (john.lawrence@dallascityhall.com)
Cc: Lim, Leong
Subject: Floating Docks

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Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

Stauffer, Richard

From: Stauffer, Richard
Sent: Friday, August 15, 2014 9:07 AM
To: 'Christine Catalano'
Subject: RE: Revised City of Dallas (2/17/2014)- Final Written Specs & Drawings for review

Christine,

Great speaking with you again. The Contractor's contact info is below:

Grant Russell
Commercial Representative
Powerlift Foundation Repairs
1-318-469-8780 (c)
1-800-441-5438 (o)

grussell@powerliftfoundation.com

I'll keep you updated on the Contract status. When fully executed & date of "Notice to Proceed".

Sincerely,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Christine Catalano [mailto:Christine@accudock.com]
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To: Stauffer, Richard
Subject: RE: Revised City of Dallas (2/17/2014)- Final Written Specs & Drawings for review
Importance: High

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GSA Project Director



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Contract Holder

Contract GS-07F-1675A

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1790 SW 13th Court, Pompano Beach, FL 33069

954-785-7557 Ext 201

Christine@accudock.com

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From: Stauffer, Richard [<mailto:richard.stauffer@dallascityhall.com>]

Sent: Friday, February 14, 2014 6:01 PM

To: Christine Catalano

Subject: RE: Revised- Final Drawings for review

Christine,

We reviewed these ove here & they look great. Please proceed with updating the specs. Did have a question on the drawings having the AccuDock logo on the sheets. Have other Cities advertised with the logos. We will call out AccuDock or approved equal. Just want to make sure having the logo will not create the appearance of a "conflict of interest".

Please let me know how other City's have handled this.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

Jenkins, John

From: Brashear, Kimberlie
Sent: Friday, August 15, 2014 3:46 PM
To: Stauffer, Richard; Lim, Leong; Payton, Randall
Cc: Jenkins, John; Givens, Shelia; Hellmann, Michael; Lawrence, John; Puckett, Jo; Sanchez, Cassia
Subject: RE: New Dock At White Rock Lake

Richard,

I'm available much of the afternoons Wed/Thur/Fri of that week. Better not schedule anything Mon/Tue after I have been out a week.

Kimberlie West Brashear, P.E. - Project Manager
City of Dallas Water Utilities
Water Facilities Project Management
214-948-4249

From: Stauffer, Richard
Sent: Friday, August 15, 2014 1:26 PM
To: Brashear, Kimberlie; Lim, Leong; Payton, Randall
Cc: Jenkins, John; Givens, Shelia; Hellmann, Michael; Lawrence, John; Puckett, Jo; Sanchez, Cassia
Subject: RE: New Dock At White Rock Lake

Kimberlie,

Let's set up a time to meet after the 25th. I'll be out next week also.

Attached are the Technical Specs for the Floating Dock & the Drawings. Please note we will be using the second drawing with the Alternate Option that has an additional non-ADA slip.

I didn't have the drawings in front of me at the time Leong was asking me about the dimensions. As you can see by the sketch with the gangway the piers will be out into the water approx 28'.

The Floating Dock will be provided by AccuDock. These types of docks are anchored by the gangway, helical pier moorings, plus a cable tie-back to the shore. The gangway is anchored with a hinge system & both the gangway & docks rise up and down with the water level. The anchoring system is specifically designed for docks installed in rivers subject to high currents & flow rates.

An older Accudock system is currently in use at the Rowing Club operating out of the DWU Pump House. The walking surface is in need of repairs & I was assured by the vendor the surface issue has been resolved since this model.

On the east side of the lake another private floating dock has been installed by another rowing club.

If there are any issues to be addressed concerning floating docks, then all docks need to be included.

Please provide some dates & times when you will be available after the 25th.

Thank You,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Brashear, Kimberlie
Sent: Thursday, August 14, 2014 6:00 PM
To: Lim, Leong; Payton, Randall
Cc: Jenkins, John; Stauffer, Richard; Givens, Shelia; Hellmann, Michael; Lawrence, John; Puckett, Jo; Sanchez, Cassia
Subject: RE: New Dock At White Rock Lake

Leong,

I am out of the office all next week and will return on the 25th. Should you need to meet before then please include Cassia Sanchez in the meeting.

Kimberlie West Brashear, P.E. - Project Manager
City of Dallas Water Utilities
Water Facilities Project Management
214-948-4249

From: Lim, Leong
Sent: Thursday, August 14, 2014 5:56 PM
To: Payton, Randall; Brashear, Kimberlie
Cc: Jenkins, John; Stauffer, Richard; Givens, Shelia; Hellmann, Michael; Lawrence, John; Puckett, Jo
Subject: RE: New Dock At White Rock Lake

Hi Kimberlie and Randy

As Mike's email below indicates, the main part of this contract is to replace the pilings for the 11 fishing piers around the lake.

The proposed new floating dock is to help stop the shoreline erosion and accessibility for the kayaks.
It is 26' long x 8' wide which is anchored by a helical pier on the shoreline end and It is my understanding that it is designed to accommodate moving stream.
There is no permanent building included in this project.

Please let me know if you are available (Tuesday) next week. I would like to schedule a meeting to discuss the floating dock with you.

Construction of the project is still several months away and we should plenty of time to address any concerns you may have.

Please let me know if you have any questions.

Thanks.

Leong F. Lim, P.E.
Sr. Program Manager
Design, Engineering and Site Development



NOTICE:

This email and responses may be subject to Texas Open Records laws and may be disclosed to the public upon request.

From: Hellmann, Michael
Sent: Thursday, August 14, 2014 5:09 PM
To: Lawrence, John
Cc: Jenkins, John; Lim, Leong; Stauffer, Richard; Givens, Shelia
Subject: RE: New Dock At White Rock Lake

Thanks for the clarification, John.

Please be sure, and work with Leong on this, to engage DWU on the dock. Since DWU owns the lake, we need to be sure we have their complete review and approval before we construct it.

It sounds like the idea of a permanent building is not something we are pursuing or agreeing with, so I consider that a moot issue right now.

Thanks,

Mike

Michael C. Hellmann | Assistant Director
City of Dallas Park and Recreation Department
Planning, Facilities and Environment Division

Michael.hellmann@dallascityhall.com | 214 670-4103

From: Lawrence, John
Sent: Thursday, August 14, 2014 4:05 PM
To: Hellmann, Michael
Cc: Jenkins, John; Lim, Leong; Stauffer, Richard; Givens, Shelia
Subject: RE: New Dock At White Rock Lake

Mike,

I was at this meeting and in part, what Mr. Barker is stating is exaggerated. First, we did not state that DWU was not involved, we indicated that we did not know if this project, as a whole, docks and piers, had been discussed with DWU; secondly, there was no indication, nor question on the part of any attendee, to indicate a permanent building was being considered in this location – and in fact, we do not intend for there to be; and third, we did not state that the dock would be a break-away dock as this was still in the bid stages and we indicated we did not have that information and would get back with the task force.

John

From: Hellmann, Michael
Sent: Thursday, August 14, 2014 2:01 PM
To: Puckett, Jo; Winters, Willis
Cc: Payton, Randall; Brashear, Kimberlie; Lawrence, John
Subject: RE: New Dock At White Rock Lake

Hi Jody,

I will make sure our project manager work with Randy and Kimberlie to ensure proper coordination. The primary scope of work for this project is to repair existing piers around the lake, as they are old and decaying. This particular one is the only new one proposed and was added to serve the kayak concession. We will certainly modify the design as needed or delete this scope if necessary.

Mike

Michael C. Hellmann | Assistant Director
City of Dallas Park and Recreation Department
Planning, Facilities and Environment Division

Michael.hellmann@dallascityhall.com | 214 670-4103

From: Puckett, Jo
Sent: Thursday, August 14, 2014 1:48 PM
To: Winters, Willis; Hellmann, Michael
Cc: Payton, Randall; Brashear, Kimberlie
Subject: FW: New Dock At White Rock Lake

Hi. The email I received below is a bit concerning to me. Our staff here at DWU do not seem to be aware of this project or the dock issue. Generally seems like a bad idea. I have copied the two people in our organization that need to be consulted, in my opinion, in order to insure proper coordination. Please advise me or contact them directly to let us know. I also will need to send something back to Mr. Barker. Thanks

Jo M. (Jody) Puckett PE
Director
City of Dallas Water Utilities
1500 Marilla Ste. 4AN
Dallas City Hall
Dallas, TX 75201
214 670 3146 Office
jo.puckett@dallascityhall.com

From: Hal Barker [mailto:hbarker_2011@yahoo.com]
Sent: Thursday, August 14, 2014 7:14 AM
To: Puckett, Jo
Subject: New Dock At White Rock Lake

Jody,

We talked some time ago about siltation issues at White Rock Lake.

The Park and Recreation Department has funded a dock system at the mouth of White Rock Creek about 200 feet upstream from the White Rock Lake Pedestrian Bridge for the use of the current kayak concession at that location.

At the Tuesday White Rock Lake Task Force meeting, I asked if Water Utilities was involved in the design, and was told this was a Park and Recreation project and Water Utilities was not involved.

Parks also is preparing to run a permanent electrical connection to the kayak concession and there is talk of a permanent building at the same location. So this is long term, many years dock system design.

The design is apparently a break-away surface level dock system with an ADA accessible parking area and concrete access point to the dock.

From what I can tell, the dock will be designed to release in a minor flood situation and be retrieved down lake when a flooding event is over.

It is probably going to have to have a wire and anchor system upstream to counteract increased flow even in simple storms, but I'm wondering if putting an expensive dock system in a known floodway is an indication of reasonable and prudent engineering standards or just plain poor thinking.

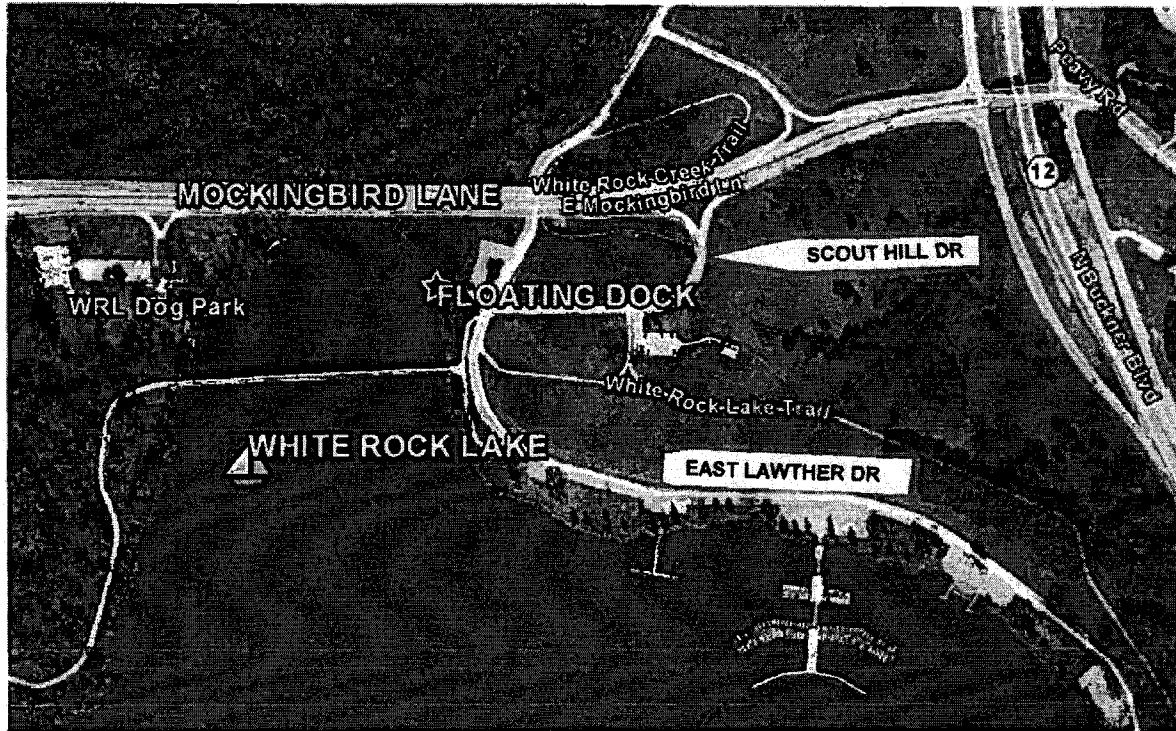
Even in a two foot event I have seen the increased velocity output from the creek mouth and I can't imagine a 30 or 40 foot surface dock perpendicular to that flow. Doesn't make any sense.

From a purely mechanical standpoint, the forces required for traumatic break-away must come even in a minor event to limit damage to the pier. This is a very odd decision on the part of the City.

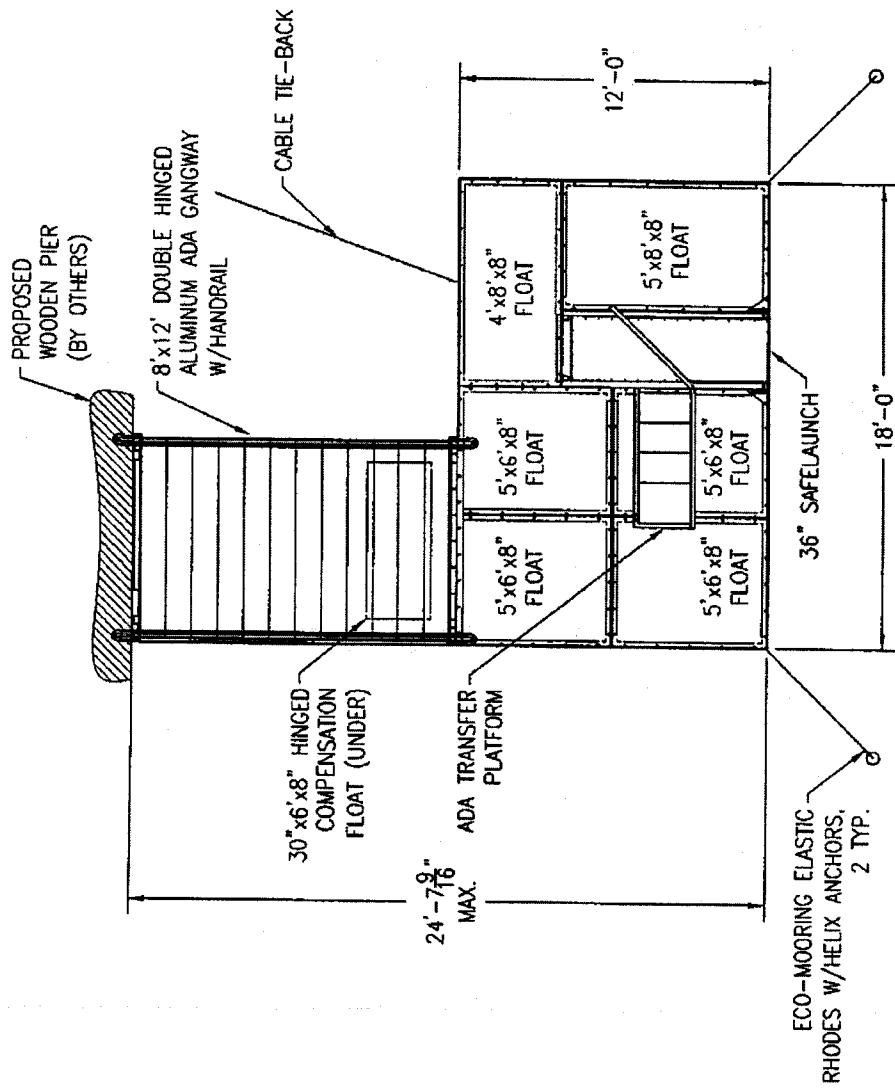
Hal
214-321-2091

Hal Barker
Dallas, Texas

FLOATING DOCK



FLOATING DOCK LOCATION
WHITE ROCK LAKE PARK
SOUTH END OF PARKING LOT
AT
EAST LAWTHON DR ACROSS INTERSECTION WITH
SCOUT HILL DR
(ACCESS FROM MOCKINGBIRD LANE)



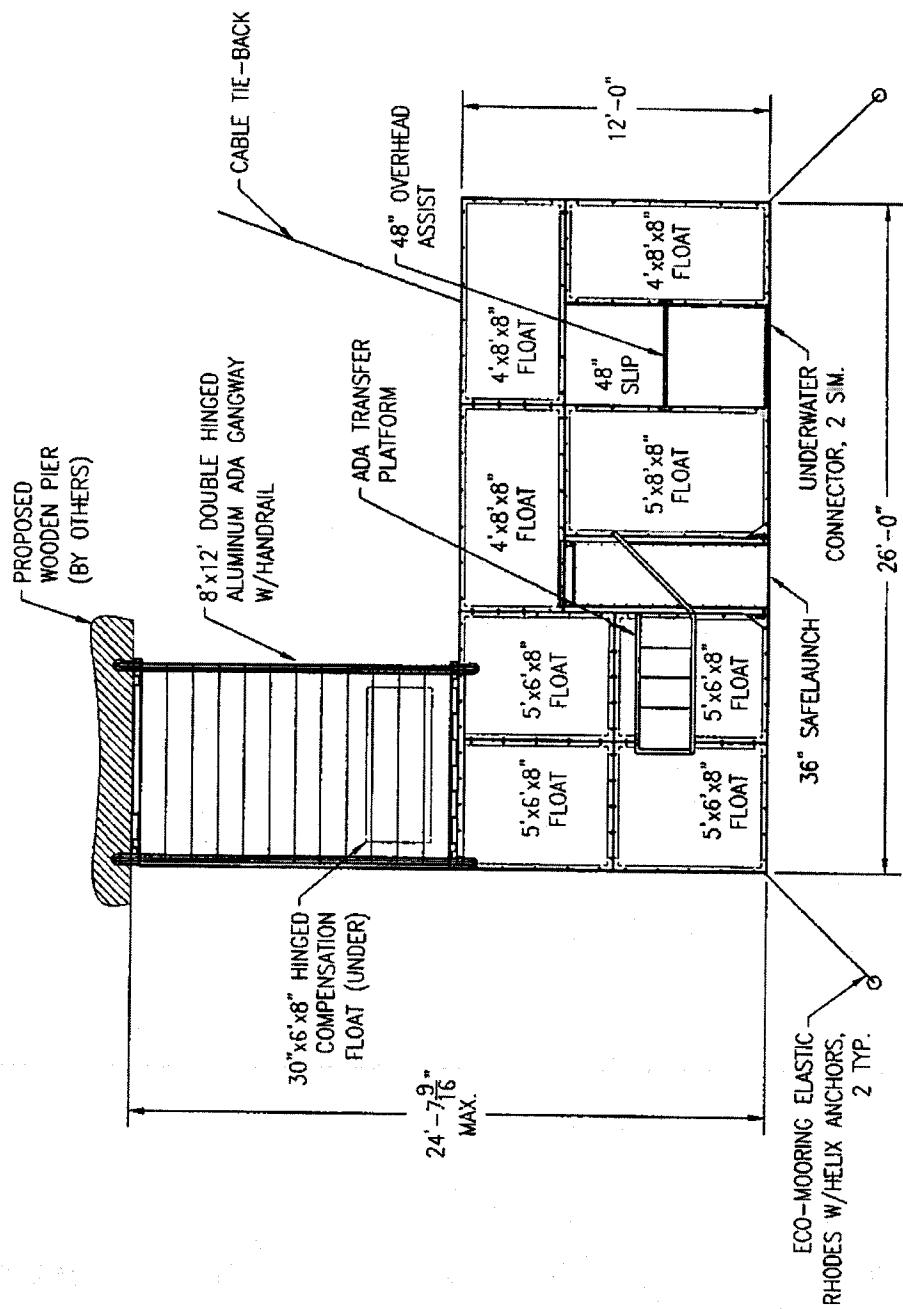
SITE LAYOUT

PROJECT DESCRIPTION:

CITY OF DALLAS

SHEET 1 OF -

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISON	02/03/14
DRAWING NO:	000514	02/03/14
SCALE:	NOT TO SCALE	



SITE LAYOUT

PROJECT DESCRIPTION
CITY OF DALLAS
ALTERNATE OPTION

DRAWN BY:	C. OLIVER	02/03/14
CHECKED BY:	J. HARRISON	02/03/14
DRAWING NO.:	000514	02/03/14
SCALE:	NOT TO SCALE	

SHEET 2 OF -

ADA Transfer Kayak (Alt Canoe Launch) Floating Dock Package, ADA Access Gangway and ADA Compliant Components

1. Standard Modular Floating Dock Sections

- 1a. Each AccuDock (or equal) floating dock section shall be composed of hand welded High Density Polyethylene (HDPE) sheet plastic, using non-rotationally molded floats. AccuDock (or equal) sections are manufactured using individual sheets for sides, ends, bottoms, and lids. With a 100% guaranteed universal wall thickness of .150 inches, and completely encapsulated expanded polystyrene (EPS) foam. The lid or top surface has a 2-1/2" lip around the entire float.
- 1b. Completely encapsulated EPS shall be 100% virgin material and be of a closed cell nature allowing no more than 3% water penetration. Floatation shall not be accomplished by use of air pockets in any form.
- 1c. Sections will have a marine grade aluminum frame surrounding the entire perimeter which will be 2" x 2" x .125" square tubing made of 6061T6 series aluminum. Each aluminum frame will be attached to the HDPE lid with 5/16" x 2-3/4" 304 series Stainless Steel carriage bolts. Sections designed to be used individually (work floats) will not have an aluminum frame.
- 1d. Each section shall have a maximum weight of no more than 120 pounds, and shall draft no more than 1" under dead load. Specified live load capabilities of 62 pounds per square foot will be supported.

2. Connections of Float Sections

- 2a. all connectors provided shall be made from 6061T6 Marine grade aluminum and be of 1.66" x 1.66" x .125" square tubing.
- 2b. Connectors shall create a rigid and stable connection between float sections.

3. Attachments

- 3a. Attachments shall be specific to the installation site. All attachments shall be bolted directly into the 2" square tube frame system on the exterior edge of float section using 304 stainless steel hardware.
- 3b. 5/16" - 7X19 S/S Cable Tie Back Setup will attach to the landside on the floating dock and secured to shore for additional dock stabilization

3c. Eco Mooring Anchors (2) are to be applied as instructed by manufacturer, (detail shown on drawings) and shall stabilize dock from horizontal flow and vertical water fluctuations

4. Accessories:

4a. All accessories shall be able to bolt directly into the framing system on every float section. There shall be no set area where an accessory must be positioned. All accessories will bolt in the framing system with 304 series Stainless Steel hardware.

4b. Safe Launch Feature – shall be provided to attach into the ADA Launch Slip and shall have a double adjustment utilizing hinge pins and a single rope adjustment. Safe Launch adjustment shall be designed to be easily accomplished regardless of age or gender.

4c. Overhead Assist Bars, Side Assist Bars shall be field installed at purchaser's direction. Materials used will be 1-1/4" schedule 40 aluminum pipe, attaching to the surface of each float with 304 series Stainless Steel hardware, being bolted through the aluminum framing system on each float section.

ADA Specifications

5. ADA Transfer Platform

5a. The ADA Transfer Platform shall be made from fiberglass with a four step transition to allowing safe and easy access to the kayak launch slip.

5b. Transfer platform shall be constructed of one solid piece and shall not contain any moveable sections requiring adjustment

5c. Each riser of the transfer steps will have an ADA compliant slope to accommodate entry and exit.

5d. Two transfer support methods shall be provided- an overhead assist bar and overhead continuous grab bar per specific to ADA compliance regulations

5e. The transfer platform shall provide access from wheelchair height level- down to the dock level and returning to the wheel chair is in compliance with 1008.3 TRANSFER SYSTEMS: As per the ADA Standards for Accessible Design.

5f. Transfer Platform provided- per 1008.3.1 (transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids)

5g. Loading surface level and step size is in compliance with (1008.3.1.1 size & 1008.3.1.2 height)

5h. Transfer space is provided per 1008.3.1.3 Transfer Space.

6. ADA Edge Guard

6a. Perimeter, excluding access to slip, of floating kayak platform and launch system shall be installed with 2.5"x1" rounded top edge roll guard which will be bolted into the framework using 304 stainless steel hardware.

6b. All attachment hardware shall be countersunk to avoid hazard of exposed hardware

7. ADA Access Gangway

7a. ADA Access Gangway will be fabricated using 6000 Series Aluminum with a minimum measurement of 8'x12'

7b. ADA Access Gangway main component of fabrication shall be of 3"x3"x1/8" Aluminum Square ribbed tubing. A pre arched design shall be built in for added strength and enhanced aesthetics.

7c. ADA Access Gangway Decking shall consist of knurled and ribbed extrusion and welded to framework of the gangway.

7d. Intermediate railing shall measure 36" above decking and minimum clearance of 36" walk space from handrail to handrail. Handrails will extend out from end of gangway 12" and return to end gangway stanchion. Intermediate handrail shall be fabricated of 1 1/4" schedule 40 pipe

7e. Intermediate handrail shall be installed to ADA Access Gangway by 2.5"x3^{7/8} Centerline projected handrail bracket allowing for minimum 1.5" clearance between handrail and side of gangway.

7f. ADA Access Gangway shall include Kick Plate extending up to 2" from decking surface.

7g. Landside connection of ADA Access Gangway shall be installed utilizing an 8' landside hinge plate with 1/2" schedule 40 pipe as the hinge pin.

7h. ADA Access Gangway to also hinge to the ADA Floating Kayak Launch Platform with additional support of a compensation floating section mounted to the underside of the gangway.

7i. Compensation float shall consist of capacity no less than 50% of the total ADA Access Gangway weight.

7j. Compensation float section shall be mounted with a hinge bracket to allow the support to remain level at all times

7k. Transition plate from gangway to ADA Floating Kayak Launch Platform shall be fabricated from $\frac{1}{4}$ " x 3/8" Diamond Tread Plate allowing for smooth transition from ADA Access Gangway to ADA Floating Kayak Launch Platform.

8. ALTERNATE (Spec description- see drawings for details)

8a. ADA Floating Kayak Launch / transfer platform application shall also consist of one (1) additional (non ADA) 48" canoe launch slip and platforms as one complete floating dock system (please see attached drawing for reference)

8b. The additional non-ADA Canoe Launch slip shall be 4' in width by 8' deep and contain each, an overhead assist bar and underwater connector as shown in the drawings.

8c. If Alternate chosen, additional slip and floating platform sections shall be constructed from the same manufacturer as the base bid and shall connect together as one complete floating dock system.

(MATERIAL/QUANTITY DETAIL BELOW- ALSO SEE DRAWINGS FOR FURTHER DETAIL)

BASE BID (MATERIAL / QUANTITY)

BASE BID: 12' x 18' Kayak Launch Dock with Access ADA Gangway	
Product Description	Qty
4' x 8' x 8" Framed Float	1
5' x 8' x 8" Framed Float	1
5' x 6' x 8" Framed Float	4
S-Style Connector w/ Frame add-on	6
TC-Style Connector 5	1
TC-Style Connector 3	1
H-Style Connector	1
3' Underwater Connector	1

3' x 8' Safe Launch Platform w/ accessory kit	1
ADA Transfer Platform with overhead grab rail, and specifically designed angled overhead assist bar	1
Side Railing - Kayak Accessory	1
5/16" - 7X19 S/S Cable Tie Back Setup	1
Eco Mooring elastic rode with helix anchor and cleat for dock securing	2
2-1/2" Edge/ Roll Off Guard - 49'	49

ALTERNATE BID (ADDITIONAL MATERIAL/ QUANTITY):

ALTERNATE BID: ADDITIONAL CANOE LAUNCH	
Product Description	Qty
4' x 8' x 8" Framed Float	2
4' Underwater Connector	1
4' Overhead Assist Bar	1
T-Style Connector	1
TC-Style Connector 1	1
2-1/2" Edge/ Roll Off Guard	8



FLOATING DOCK LOCATION

WHITE ROCK LAKE PARK

**SOUTH END OF PARKING LOT
AT
EAST LAWTHER DR ACROSS INTERSECTION WITH
SCOUT HILL DR
(ACCESS FROM MOCKINGBIRD LANE)**

WHITE ROCK LAKE FISHING DOCK IMPROVEMENTS
 Manual Bid Tabulation
 Bid Opening March 20, 2014

Power Lift Foundation
 Repair, Inc.
 304 Progress Drive
 Sherman, Texas 75092
 Office # 903-893-2393

1 Henneberger Const, Inc.
 8328 Fairglen Dr
 Dallas, Texas 75231
 Office # 214-341-2582

2 Schmoldt Construction
 5737 CR 126, Suite A
 Celina, Tx 75009
 Office # 972-382-8499

Base Proposal - White Rock Lake Fishing Dock, Dallas, TX

Item No.	Description	Quantity	Item Unit	Unit Price	Total Price	Unit Price	Total Price
1	Remove, haul off existing piles, provide, prepare and install 200 timber piles for 11 fishing docks with 8" and 10" pressure treated lumber headers and/or posts per EPA regulations around White Rock Lake. Unit Bid Price includes but is not limited to removal of any concrete rubble, debris, and/or vegetation necessary to install any & all piers, all material, labor, tools, equipment, appurtenances and incidentals	200	EA	NA	NA	\$ 2.232.00	\$ 446,400.00
2	Removal, haul off rotted and/or damaged existing structural wood headers and replacement with treated wood headers of same dimension. Headers to be replaced as pairs. Unit price includes but is not limited to all material, appurtenances, labor, tools, equipment, and incidentals	10	EA	NA	NA	\$ 458.00	\$ 4,580.00
TOTAL BASE PROPOSAL BID (ITEMS 1 - 2)				NA	\$ 450,980.00	NA	\$ 562,450.00

OR

3	Install 200 Metal piles with Metal Supports, including protective coating for marine applications at a total of 11 fishing docks in lieu of treated wood piles. Unit Bid Price includes, but is not limited to: removal of any concrete rubble, debris, and/or vegetation necessary to install any & all piers, all material, labor, tools, equipment, and incidentals	200	EA	\$ 1,150.00	\$ 230,000.00	\$ 1,965.00	\$ 393,000.00	NA	NA
4	Removal, haul off rotted and/or damaged existing structural wood headers and replacement with treated wood headers of same dimension. Headers to be replaced as pairs. Unit price includes all material, appurtenances, labor, tools, equipment, and incidentals	10	EA	\$ 350.00	\$ 3,500.00	\$ 458.00	\$ 4,580.00	NA	NA
TOTAL BASE PROPOSAL BID (ITEMS 3 - 4)				NA	\$ 233,500.00	NA	\$ 397,580.00	NA	NA

WHITE ROCK LAKE FISHING DOCK IMPROVEMENTS
Manual Bid Tabulation
Bid Opening March 20, 2014

Bid Alternate No. 1 Additional Length Wood Piles					
Item No.	Description				
Quantity	Item Unit				
Unit Price	Total Price				
A1	Compensation for additional length of Pressure Treated Wood Pile exceeding 20 Ft long installed. Unit price include all material, appurtenances, labor, tools, equipment, and incidentals	400 LF NA	\$53.00 \$ 21,200.00	\$44.27 Foot	\$44.27/Linear Rejected
Total Bid Alternate A1		NA	\$ 21,200.00	\$44.27/Linear Rejected	NA

Bid Alternate No. 2 Metal Piles Installation					
Item No.	Description				
Quantity	Item Unit				
Unit Price	Total Price				
A2	Compensation for additional length of Metal Pile exceeding 20 Ft long installed. Unit price include all material, labor, tools, appurtenances, equipment and incidentals	400 LF \$20.00	\$ 8,000.00 \$30.00 \$ 12,000.00	NA NA	NA
Total Bid Alternate A2			\$ 8,000.00	\$ 12,000.00	NA

3
2 Schmoldt Construction
PO Box 1459
Roanoke, TX 76262
Office # 817-379-2721

1 Henneberger Const, Inc.
8928 Fairglen Dr
Dallas, Texas 75231
Office # 214-341-2562

Power Lift Foundation
Repair, Inc.
304 Progress Drive
Sherman, Texas 75092
Office # 903-833-2393

WHITE ROCK LAKE FISHING DOCK IMPROVEMENTS
 Manual Bid Tabulation
 Bid Opening March 20, 2014

Bid Alternate No. 3 Floating Dock - ADA Slip, ADA Access					
Item No.	Description	Quantity	Item Unit	Unit Price	Total Price
A3-1	FLOATING DOCK & GANGWAY with 1-ADA compliant slip with transfer station per AccuDock (or approved equal). Unit price includes all labor, tools, appurtenances, equipment and incidentals	1	LS	\$ 27,762.50	\$ 27,762.50
A3-2	2 ADA compliant Parking Spaces 6-inch thick with accessible aisle, ADA compliant 4-foot wide X 6-inch thick sidewalk & ADA compliant 6-foot X 10-foot X 8-inch thick landing. All concrete to be 3600 psi reinforced concrete Gangway to mount to landing. Includes 6" compacted flex base or crushed concrete and 6" scarified wetbed & compacted subgrade to 95% Proctor Density. To include ADA signage, tree protection, erosion control, & stabilized construction entrance. Contractor to verify & construct facilities for ADA Compliance & City of Dallas Construction Standards. Unit price includes all material, labor, tools, appurtenances, equipment and incidentals	1	LS	\$ 44,000.00	\$ 44,000.00
Total Bid Alternate 3 (Item A3-1 to A3-2)				\$ 71,762.50	\$ 58,920.00
					\$ 38,102.00

Bid Alternate No. 4 Floating Dock - Kayak/Canoe Slip					
Item No.	Description	Quantity	Item Unit	Unit Price	Total Price
A4	FLOATING DOCK with non ADA kayak/canoe slip per AccuDock (or approved equal). Unit price includes all, labor, tools, appurtenances, equipment and incidentals	1	LS	\$ 3,860.00	\$ 3,860.00
Total Bid Alternate 4				\$ 3,860.00	\$ 5,400.00
					\$ 4,864.00

WHITE ROCK LAKE FISHING DOCK IMPROVEMENTS

Manual Bid Tabulation
Bid Opening March 20, 2014

	Power Lift Foundation Repair, Inc. 304 Progress Drive Sherman, Texas 75092 Office # 903-893-2393		
Totals - White Rock Lake Fishing Dock, Dallas, TX			
TOTAL BASE PROPOSAL BID (ITEMS 1 - 2)	NA	\$ 450,980.00	\$ 562,450.00
OR			
TOTAL BASE PROPOSAL BID (ITEMS 3 - 4)	\$ 233,500.00	\$ 397,580.00	NA
Total Bid Alt 1 - Additional Length Wood Piles	NA	\$ 21,200.00	REJECTED
Total Bid Alt 2 - Metal Piles Installation	\$ 8,000.00	\$ 12,000.00	NA
Total Bid Alt 3 - Floating Dock - ADA Slip	\$ 27,762.50	\$ 44,278.00	\$ 25,570.00
Total Bid Alt 3 - ADA Access	\$ 44,000.00	\$ 14,642.00	\$ 12,532.00
Total Bid Alt 4 - Floating Dock - Kayak/Canoes Slip	\$ 3,860.00	\$ 5,400.00	\$ 4,864.00

Base (Items 1-2, wood) + Alt 1 (wood)	No bid wood piles	\$ 472,180.00	NA
Base (Items 1-2) + Alt 1 + Alt 3 Floating Dock	No bid wood piles	\$ 516,458.00	NA
Base (Items 1-2) + Alt 1 + Alt 3 ADA Access	No bid wood piles	\$ 486,822.00	NA
Base (Items 1-2) + Alt 1 + Alt 3 Floating Dock + Alt 4	No bid wood piles	\$ 521,858.00	NA
Base (Items 1-2) + Alt 1 + Alt 3 ADA Access + Alt 4	No bid wood piles	\$ 492,222.00	NA
Base (Items 3-4, metal) + Alt 2 (metal)	\$ 241,500.00	\$ 409,580.00	No bid metal piles
Base (Items 3-4) + Alt 2 + Alt 3 Floating Dock	\$ 269,262.50	\$ 453,858.00	No bid metal piles
Base (Items 3-4) + Alt 2 + Alt 3 ADA Access	\$ 285,500.00	\$ 424,222.00	No bid metal piles
Base (Items 3-4) + Alt 2 + Alt 3 Floating Dock + Alt 4	\$ 273,122.50	\$ 459,258.00	No bid metal piles
Base (Items 3-4) + Alt 2 + Alt 3 ADA Access + Alt 4	\$ 289,360.00	\$ 429,622.00	No bid metal piles

Stauffer, Richard

From: Stauffer, Richard
Sent: Tuesday, September 22, 2015 3:38 PM
To: Huggins, Suzanne; Lim, Leong
Cc: John Lawrence (john.lawrence@dallascityhall.com)
Subject: RE: Kayak Improvements

1. Williamson Creek (if any)

Actual location is the Fisher Road Parking Lot. The adjacent creek is Rush Creek.

Improvements:

- Floating Dock
 - Floating Dock with Gangway
 - 1-ADA compliant slip with transfer station
 - 1-non-ADA compliant kayak/canoe slip
 - Total estimated cost \$35,000.00 to \$40,000.00

2. The existing kayak site, with *expansion north toward Mockingbird Bridge*

Improvements:

- Regrade/Resurface Existing Lot
 - Estimate Cost \$30,000.00
- New Gravel Lot under Bridge
 - Estimated Cost \$50,000.00
- Shoreline stabilization
 - Estimated Cost \$35,000
- Total estimated Cost \$115,000.00

3. Cormorant Bay

Historical name for location is "Runners Lot". Location is not applicable. Must cross trail to get to shoreline. Shoreline does not have water access. Heavily vegetated area at shoreline plus erosion along shoreline. Parking limited especially after concession trailer is in the lot. Access from Mockingbird requires U-turn around island in West Lawther.

Richard Stauffer, P.E.
Park and Recreation Department
Design, Engineering and Site Development
214.670.4105

From: Huggins, Suzanne
Sent: Monday, September 21, 2015 9:31 AM
To: Stauffer, Richard; Lim, Leong
Subject: FW: Kayak Improvements

Good Morning, Gentlemen

Just a follow-up to see if you had an opportunity to look into my request.

John Lawrence would like to be prepared to present some information today on this matter, if at all possible.

Thank you.

~Suzanne

From: Huggins, Suzanne
Sent: Tuesday, September 01, 2015 9:01 AM
To: Stauffer, Richard; Lim, Leong
Subject: Kayak Improvements

Good Morning,

In consideration of the following possible kayak concession sites, are you able to determine the type and cost for improvements:

1. Williamson Creek (if any)
2. The existing kayak site, with *expansion north toward Mockingbird Bridge*
3. Cormorant Bay

Thanks,

Suzanne T. Huggins
Sr. Contract Compliance Administrator | Coordinator III (Interim)
Leisure Venue Destination Management
City of Dallas Park & Recreation
5620 Parkdale Drive, Dallas, TX 75227
O: 214.670.8093 | F: 214.670.8571
E: suzanne.huggins@dallascityhall.com

Stauffer, Richard

From: Stauffer, Richard
Sent: Tuesday, September 22, 2015 4:35 PM
To: Huggins, Suzanne; Lim, Leong
Cc: John Lawrence (john.lawrence@dallascityhall.com)
Subject: RE: Kayak Improvements

Revised to add concrete ADA parking spaces & walk at existing kayak site.

1. Williamson Creek (if any)

Actual location is the Fisher Road Parking Lot. The adjacent creek is Rush Creek.

Improvements:

- Floating Dock
 - Floating Dock with Gangway
 - 1-ADA compliant slip with transfer station
 - 1-non-ADA compliant kayak/canoe slip
 - Total estimated cost \$35,000.00 to \$40,000.00

2. The existing kayak site, with *expansion north toward Mockingbird Bridge*

Improvements:

- Regrade/Resurface Existing Lot
 - Estimate Cost \$30,000.00
- New Gravel Lot under Bridge
 - Estimated Cost \$50,000.00
- ADA parking spaces & accessible sidewalk
 - Estimated Cost \$14,000.00
- Shoreline stabilization
 - Estimated Cost \$35,000
- **Total estimated Cost \$129,000.00**

Richard Stauffer, P.E.
Park and Recreation Department
Design, Engineering and Site Development
214.670.4105

From: Stauffer, Richard
Sent: Tuesday, September 22, 2015 3:38 PM
To: Huggins, Suzanne; Lim, Leong
Cc: John Lawrence (john.lawrence@dallascityhall.com)
Subject: RE: Kayak Improvements

1. Williamson Creek (if any)

Actual location is the Fisher Road Parking Lot. The adjacent creek is Rush Creek.

Improvements:

- Floating Dock
 - Floating Dock with Gangway
 - 1-ADA compliant slip with transfer station

- 1-non-ADA compliant kayak/canoe slip
- Total estimated cost \$35,000.00 to \$40,000.00

2. The existing kayak site, with *expansion north toward Mockingbird Bridge*

Improvements:

- Regrade/Resurface Existing Lot
 - Estimate Cost \$30,000.00
- New Gravel Lot under Bridge
 - Estimated Cost \$50,000.00
- Shoreline stabilization
 - Estimated Cost \$35,000
- Total estimated Cost \$115,000.00

3. Cormorant Bay

Historical name for location is "Runners Lot". Location is not applicable. Must cross trail to get to shoreline. Shoreline does not have water access. Heavily vegetated area at shoreline plus erosion along shoreline. Parking limited especially after concession trailer is in the lot. Access from Mockingbird requires U-turn around island in West Lawther.

Richard Stauffer, P.E.
Park and Recreation Department
Design, Engineering and Site Development
214.670.4105

From: Huggins, Suzanne
Sent: Monday, September 21, 2015 9:31 AM
To: Stauffer, Richard; Lim, Leong
Subject: FW: Kayak Improvements

Good Morning, Gentlemen

Just a follow-up to see if you had an opportunity to look into my request.
John Lawrence would like to be prepared to present some information today on this matter, if at all possible.

Thank you.

~Suzanne

From: Huggins, Suzanne
Sent: Tuesday, September 01, 2015 9:01 AM
To: Stauffer, Richard; Lim, Leong
Subject: Kayak Improvements

Good Morning,

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1. Williamson Creek (if any)
2. The existing kayak site, with *expansion north toward Mockingbird Bridge*

3. Cormorant Bay

Thanks,

Suzanne T. Huggins
Sr. Contract Compliance Administrator | Coordinator III (Interim)
Leisure Venue Destination Management
City of Dallas Park & Recreation
5620 Parkdale Drive, Dallas, TX 75227
O: 214.670.8093 | F: 214.670.8571
E: suzanne.huggins@dallascityhall.com

Stauffer, Richard

From: Lawrence, John
Sent: Friday, October 17, 2014 1:10 PM
To: Stauffer, Richard; Hellmann, Michael; Jenkins, John; Hurd, Reggie; Lim, Leong
Subject: RE: White Rock Lake Kayak Concession – Floating Dock, Electrical Outlet

Richard,

I am still waiting on a response from the vendor to determine where they were advised to obtain the connection from. I didn't want to respond until such time as I have an answer to address the concern for the dog park. Secondly, I was under impression we did not require an approval from the Task Force for the installation of an outlet.

The parking issues cannot be fully laid upon the vendor as there are other activities in the area which contribute to this problem. Relocating the paddle vendor to the any of the other areas as suggested by the Task Force do not provide a safe environment for this type of activity. Specifically, the area they are operating at was selected because of the accessibility to the area, accessibility to an area of the lake where the winds are not as big of a concern, and accessibility to the lake in an area where access to the creek channel was prevalent so as to keep the users out of the main body of water. After the Task Force brought up the issue of relocating the vendor to another area during their August meeting we looked into other ramped areas along the lake and they do not offer a safer operating environment – shielded from the wind and an area that will not be obtrusive to other water craft use – specifically the sailing clubs.

The vendor's contract ends in December and we are in the process of developing an RFP for future services and if the location of this concession is to be changed, now is the time to make that change.

John

From: Stauffer, Richard
Sent: Friday, October 17, 2014 10:06 AM
To: Hellmann, Michael; Jenkins, John; Hurd, Reggie; Lawrence, John; Lim, Leong
Subject: White Rock Lake Kayak Concession – Floating Dock, Electrical Outlet

White Rock Lake Kayak Concession – Floating Dock, Electrical Outlet

At the White Rock Lake Task Force meeting on Tuesday 10/14/14 I was requested to delay installation of the floating dock until a final decision is made as to whether the Task Force approves installing the dock at the Kayak Concession area. The main concern is the parking lot has become overloaded. Parking is spilling out onto East Lawther & the road coming down the hill from Mockingbird Lane / Boy Scout Hill. People are parking their vehicles with half the vehicle on the grass & half on the street. The Task Force also discussed moving the location of the Concession to alleviate the problem.

Electrical outlet for the Concession:

- The Task Force has not approved allowing an outlet to be installed to serve the Concession.
- Also, I expressed concerns that Dennis Bailey needs to evaluate if connecting to the electrical service line on the bridge will impact service to the Dog Park outlets & lighting(see attached). The Dog Park holds various events from time to time & outlets have been installed to provide service during the events. Do not want the service to be impacted. It needs to be determined if they can connect to the service line on the bridge, or if they need to establish a separate service line connecting to the control box across E

Lawther. This would require boring under the roadway. To date I haven't heard anything back as if the above has been evaluated.

Per the above concern from the Task Force the Floating Dock will not be installed until approval of the location has been provided. Also, need an answer about the electrical outlet issue.

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

Stauffer, Richard

From: Lim, Leong
Sent: Tuesday, November 04, 2014 3:30 PM
To: Brashear, Kimberlie
Cc: Stauffer, Richard
Subject: Kayak Dock at White Rock Lake

Hi Kimberlie,

You met with Richard Stauffer and I recently to review the design of the floating dock.
We are going to issue a work order within the next two weeks or so.

I just want to follow up with you to see if you have any further questions or concerns about this project.

Thanks.

Leong F. Lim, P.E.
Sr. Program Manager
Design, Engineering and Site Development
Park and Recreation Department
City of Dallas
(214) 670-7753



NOTICE:

This email and responses may be subject to Texas Open Records laws and may be disclosed to the public upon request.

Stauffer, Richard

From: Stauffer, Richard
Sent: Tuesday, November 04, 2014 4:26 PM
To: John Lawrence (john.lawrence@dallascityhall.com)
Subject: FW: Kayak Dock at White Rock Lake

Please coordinate with John Jennings & Mike Hellman so I can get the go ahead.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

From: Brashear, Kimberlie
Sent: Tuesday, November 04, 2014 4:23 PM
To: Lim, Leong
Cc: Stauffer, Richard; Payton, Randall
Subject: RE: Kayak Dock at White Rock Lake

Leong,

We appreciate you notifying us of your work beginning for the dock. We have no issues at this time but we may have an inspector stop by to observe once or twice. They would check in with you or the contractor and would have their ID available.

Thank you

Kimberlie West Brashear, P.E. - Project Manager
City of Dallas Water Utilities
Water Facilities Project Management
214-948-4249

From: Lim, Leong
Sent: Tuesday, November 04, 2014 3:30 PM
To: Brashear, Kimberlie
Cc: Stauffer, Richard
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Leong F. Lim, P.E.
Sr. Program Manager
Design, Engineering and Site Development
Park and Recreation Department
City of Dallas
(214) 670-7753



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Jenkins, John

From: Lawrence, John
Sent: Wednesday, November 05, 2014 9:53 AM
To: Jenkins, John
Subject: FW: Kayak Dock at White Rock Lake

Follow Up Flag: Follow up
Flag Status: Flagged

John,

Below is the written approval from DWU for the dock work.

Will you and Mike give Richard. approval to move forward.

From: Stauffer, Richard
Sent: Tuesday, November 04, 2014 4:26 PM
To: Lawrence, John
Subject: FW: Kayak Dock at White Rock Lake

Please coordinate with John Jennings & Mike Hellman so I can get the go ahead.

Thanks,

Richard Stauffer, P.E.
Park and Recreation Department
Engineering and Site Development
214.670.4105

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Cc: Stauffer, Richard; Payton, Randall
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Kimberlie West Brashear, P.E. - Project Manager
City of Dallas Water Utilities
Water Facilities Project Management
214-948-4249

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To: Brashear, Kimberlie

Cc: Stauffer, Richard
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Thanks.

Leong F. Lim, P.E.
Sr. Program Manager
Design, Engineering and Site Development
Park and Recreation Department
City of Dallas
(214) 670-7753



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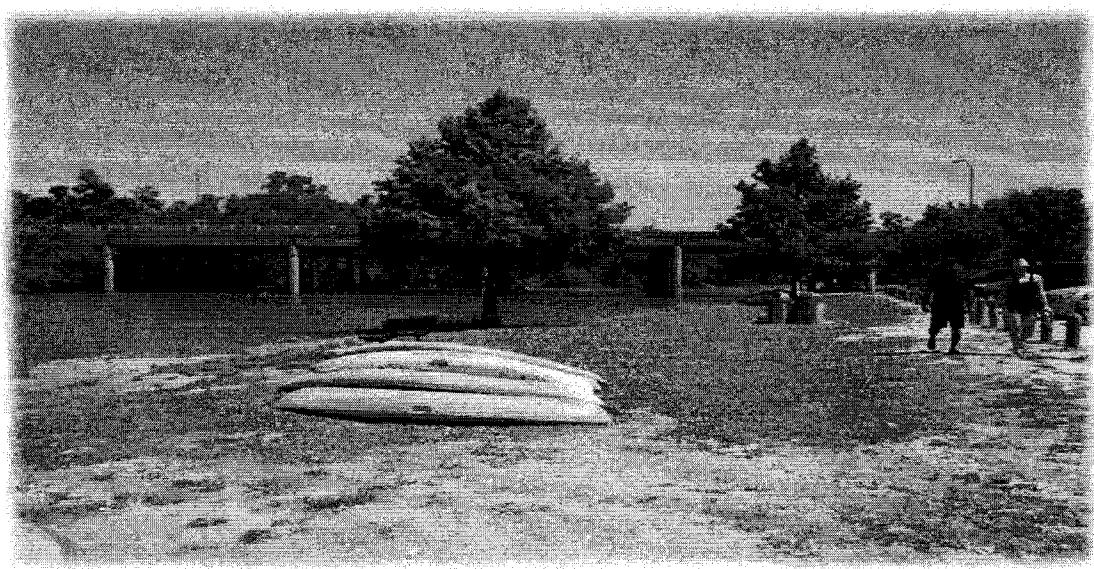
Stauffer, Richard

From: Susan Falvo <sfalvo@dcschools.com>
Sent: Friday, November 13, 2015 2:14 PM
To: 'Jung, Michael <Michael.Jung@strasburger.com> (Michael.Jung@strasburger.com)'; 'carl.ewert@am.jll.com'; 'Amanda Boers'; 'Becky Rader'; 'Bill Mateja'; 'Bryan Fears'; 'charleswicker@icloud.com'; 'Cheryl Amerine'; 'Chip Northrup'; 'Darren Boruff'; 'David Shinn'; 'De MCombs'; 'Denise Davis'; 'Ed Penton'; 'Fred Welsh'; 'Gary McDonnell'; 'Gerry Worrall'; 'Jeannie Terilli'; 'Jeff Snoyer'; Jenkins, John; 'John McManus'; 'Karen Casey'; Lim, Leong; 'Lis Akin'; 'Mary Brinegar'; 'Mel Cyrak'; 'Melanie Landay'; Hellmann, Michael; 'Miles Zitmore'; 'Reena Morris'; Stauffer, Richard; 'Rick Sorrells'; Adams, Ricky; 'Robert Giesler'; 'Santos Martinez'; 'sara@whiterockdallas.org'; Hamilton, Shana; 'Sue Chambers'; 'Susan Falvo'; 'Ted Ellis'; Winters, Willis; 'Win Evans'; 'alicerobinson07@gmail.com'; 'fhneighborhood@swbell.net'; 'Carol Bell-Walton (cjbwalton@gmail.com)'; 'info@whiterockdogpark.org'; 'Andie Comini (andiecomini@aol.com)'; 'mmanson@bikemart.com'; 'Joe Gillum (jgillum@me.com)'; 'abrown@clousedunn.com'; 'ddierkes@prescottgroup.com'; 'felmag@sbcglobal.net'; 'christopher@wynnejackson.com'; 'jennifer@whiterockdallas.org'; 'Max Davis (MaxDavis@imlachgroup.com)'; 'george.maney@yahoo.com'; 'Hunt, Robert (roberth@mail.smu.edu)'; 'commodore@cscsailing.org'; 'dellison@veritexbank.com'
Cc: 'cameronjadams@hotmail.com'
Subject: Kayak Concession
Attachments: WRL Kayak Presentation 100815.pdf

Attached is the presentation that was made by John Lawrence and Shana Hamilton at a past Task Force meeting. Thanks,
Susan

Susan Falvo
Assistant Superintendent,
Operations and Project Management
Dallas County Schools
612 N. Zang Blvd.
Dallas, TX 75208
Ph: 214.944.4502; Fax: 214.944.4594
Cell Phone: 214.683.6082; Toll Free: 1.855.591.2345

This email message and any attachments are confidential and may be privileged. If you are not the intended recipient, please notify Dallas County Schools immediately -- by replying to this message -- and destroy all copies of this message and any attachments. Thank you.



WHITE ROCK LAKE
KAYAK CONCESSIONS SITE
EVALUATION

BACKGROUND

- White Rock Paddle Co. operated under an Outdoor Fee Based Program permit from August 3, 2010 through December 13, 2011
- Multiyear contract December 14, 2011 through December 14, 2014
- Request for Proposal process began in August 2014
- Existing contract expired December 2014 and original was extended thru December 2015 via Administrative Action
- White Rock Paddle Co. was identified as the most advantageous vendor during the RFP process and award of the contract held until location for concessions can be agreed upon
- Park and Recreation Department heard concerns from the White Rock Lake Task Force regarding the impact on parking and traffic in the area
- Park and Recreation Department staff formulated a committee comprised of Park and Recreation staff, Dallas Fire Rescue, Dallas Police Department and Office of Risk Management to review possible alternative concessions sites based on a listing provided by the White Rock Lake Task Force
- Twenty six sites were considered based on Task Force review and ultimately eight were considered for a formal review by the committee
- Four options are being considered for the final location

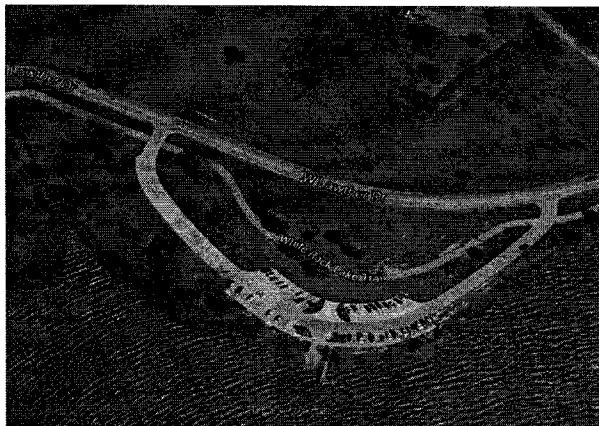
THREE SITES

The internal site evaluations, parking study, as well as a subsequent review by Park and Recreation Directors, identified the top (3) most viable sites to position the kayak concession:

- Williamson Creek
- Existing Site
- Cormorant Bay

One additional site, north of the existing site toward Mockingbird Bridge, has been recommended as an expansion to the existing site.

WILLIAMSON CREEK



Observations:

- Parking Availability: 50 spaces
- Paved and Striped Parking
- Concrete Boat Ramp
- Low Vehicular Traffic

Considerations:

- Location not as visible as existing site.
- Will need repairs.
- The addition of a kayak concession may increase traffic on West Lawther and Fisher Rd.
- Vehicles have to cross pedestrian path to enter parking lot.
- No shoreline access to water; access only by boat ramp.
- Reeds along shoreline.
- Open lake area.

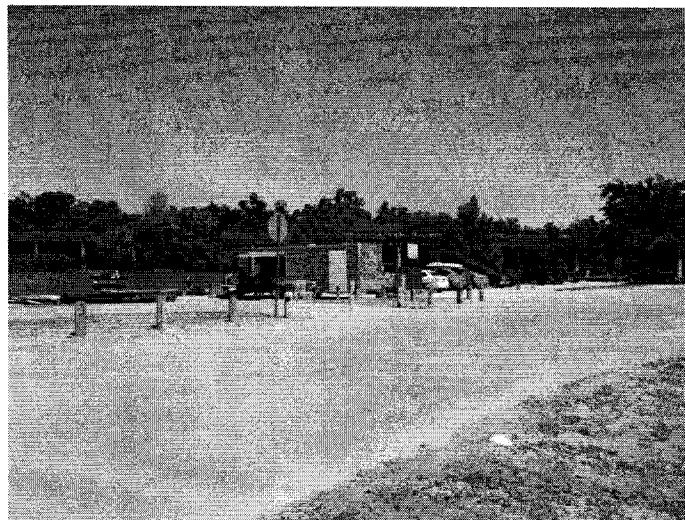
EXISTING SITE

Observations:



- Parking demand is high. Availability: 16 spaces.
- No impact on residential neighborhoods.
- Excellent visibility for concession traffic.
- Shallow wading depth for launching and landing.
- Opportunity for site improvements such as floating dock or ramp, as well as parking.
- The creek to the north is protected from wind and provides smoother water on windy days at existing location.
- Location is not within close proximity of other boating activities.
- No trail or road crossing required for main parking lot access.
- Best location for access to the creek to observe wildlife.

Existing Site, Cont'd



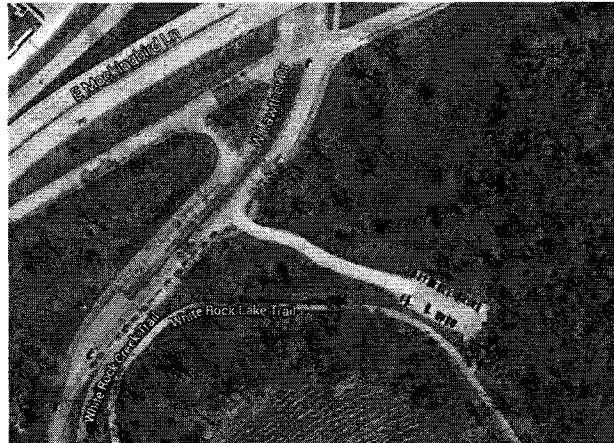
LVDM Observations:

- Kayakers, who have their own equipment, also park and launch from the existing site.
- Private kayakers have not been observed at other locations.
- Lake headwinds send kayaks back to this location. Makes returns and (if necessary) rescues easier.
- Parking within the existing site is generated by a variety of park users, including concession customers, fishermen, cyclists, and pedestrians.
- The roads near the existing site are generally frequented by cyclists over pedestrians, particularly on Saturdays.

Considerations:

- Unpaved/unstriped parking
- Shoreline stabilization.
- Absence of walking trail.

CORMORANT BAY



LVDM Observations:

- Parking availability: 29 spaces.
- Paved and striped parking.
- Parking lot is not immediately visible from W. Lawther Drive.
- High vehicular, pedestrian and cyclist traffic on weekends. Parking is noted at 100% in the parking lot on the weekends.
- Significantly more weekday parking on W. Lawther Drive vs. the Cormorant Bay parking lot.

Considerations:

- No lake visibility from parking lot.
- Concessionaire and customers will use pedestrian/cyclist path to access the lake.
- Lake access impeded by trail crossing and distance from parking lot to lake shore

North of Site 2 near Mockingbird Bridge

EXISTING SITE with EXPANSION

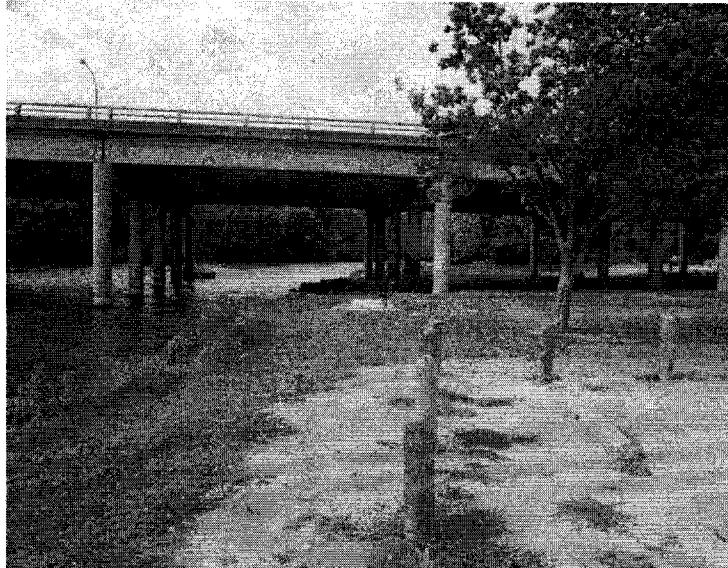


Observations:

- Parking availability at existing concession location is 16 spaces. An expansion *north toward Mockingbird Bridge* will provide additional parking.
- No impact on residential neighborhoods.
- Excellent visibility for concession traffic.
- Location is not within close proximity of other boating activities.
- Low vehicular traffic for pedestrians and cyclists.

North of Site 2 near Mockingbird Bridge

Existing Site with Expansion, Cont'd



LVDM Observations:

- Due to narrow creek, launching should remain with the existing site.

Considerations:

- Absence of walking trail.
- Debris build-up under the bridge.
- Improvements:
 - Parking Lot
 - Dock or Ramp
 - Shoreline stabilization

Summary

- Park and Recreation Department staff presented findings to the task force chairman on October 7, 2015
- Park and Recreation Department staff will present findings to the White Rock Lake Task Force during its meeting in October 2015

Jenkins, John

From: Lawrence, John
Sent: Tuesday, November 17, 2015 11:01 AM
To: Hamilton, Shana; Jenkins, John; Carmona, Oscar
Subject: Paddle Concessions at WRL

Just an update on where we stand today for this concessions program - White Rock Lake Paddle Co. has closed their operations for the season at White Rock Lake. Currently we are unable to move on either of the two steps needed to provide this concessions program to the users of the lake in the future. First, we need to get an RFP in the works for the concession program but unfortunately, the Task Force has not provided a response to the presentation of the three possible locations plus the proposed improvements to the current location. Since our presentation in October, we have received two requests for copies of the presentation slides and their most recent request for information on the ten locations the task force considered and a copy of the grading used by the department.

Secondly, we need the location to be decided upon so that we can begin work on securing a contractor to install a dock system and then facilitate repairs needed to the shoreline. This process will require the assistance of Planning and Design when it comes to the "engineering" portion of the project.

The last RFP process took five months to complete and if that is the case this time, we are well into April 2016, if we started the process today, before any concessionaire could consider operating; and that is not taking into consideration the time it will take for the dock installation and shoreline repairs. Depending on the weather and water temperatures, operations for this concessions could be expected to begin as early as late March.

John

Accudock
1790 SW 13th CT
Pompano Beach, FL 33069



Estimate

Date

Estimate #

6/27/2012

1921

Bill To

White Rock Paddle Co
Amy
315 E Lawther Dr
Dallas, TX 75218
214-298-2460

Ship To

White Rock Paddle Co
Amy
315 E Lawther Dr
Dallas, TX 75218
214-298-2460

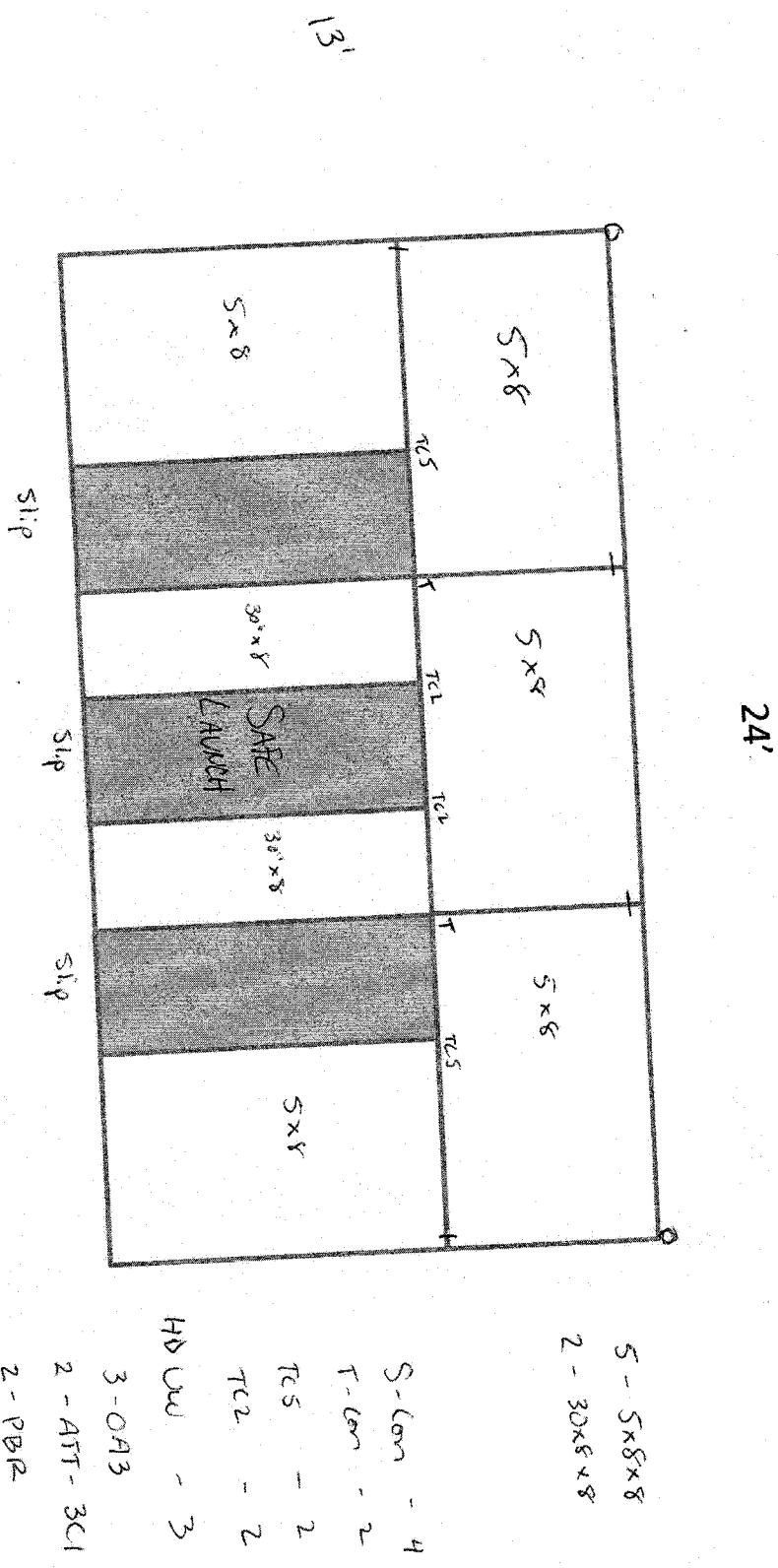
Description	Qty	Cost	Total
Estimate for 13' x 24' triple slip Paddlesports dock			
5' x 8' x 8" Framed Float	5	979.00	4,895.00
30" x 8' x 8" Framed Float	2	749.00	1,498.00
S-style connector with bumpstrip	2	32.00	64.00
S-Style Connector	2	19.00	38.00
T-Style Connector	2	57.00	114.00
TC-Style Connector 2	2	57.00	114.00
TC-Style Connector 5	2	57.00	114.00
3' Underwater Connector	3	199.00	597.00
Upcharge on HD underwater connectors	3	25.00	75.00
3' Overhead Assist Bar	3	189.00	567.00
Tall assist railing for paddle board	2	189.00	378.00
3' x 8' Safe Launch Platform w/ accessory kit	1	879.00	879.00
3" Spud Pole Bracket - Corner	4	57.00	228.00
Shipping to Dallas, TX 75218		600.00	600.00

Additional Accessories:

Accudock bumpstrip @ \$8.00 per foot
8" cleats @ \$16.00 each

Phone #	Fax #	E-mail	Web Site	Subtotal	\$10,161.00
(954) 785-7557	(954) 784-9144	sales@accudock.com	www.accudock.com	Sales Tax...	\$0.00
Estimate pricing valid for 30 days from date above				Total	\$10,161.00

Customer Signature _____





Your First Choice for Floating Dock Solutions

AccuDock Standard Specifications:

ADA Transfer Kayak Launch Floating Dock Package, ADA Access Gangway (Palm Beach County)

1. Standard Modular Floating Dock Sections

- 1a. Each AccuDock floating dock section shall be composed of hand welded High Density Polyethylene (HDPE) sheet plastic, using non-rotationally molded floats. AccuDock sections are manufactured using individual sheets for sides, ends, bottoms, and lids. With a 100% guaranteed universal wall thickness of .150 inches, and completely encapsulated expanded polystyrene (EPS) foam. The lid or top surface has a 2-1/2" lip around the entire float.
- 1b. completely encapsulated EPS shall be 100% virgin material and be of a closed cell nature allowing no more than 3% water penetration. This specification will ensure all AccuDock sections will never sink. Floatation shall not be accomplished by use of air pockets in any form.
- 1c. Sections will have a marine grade aluminum frame surrounding the entire perimeter which will be 2" x 2" x .125" square tubing made of 6061T6 series aluminum. Each aluminum frame will be attached to the HDPE lid with 5/16" x 2-3/4" 304 series Stainless Steel carriage bolts. Sections designed to be used individually (work floats) will not have an aluminum frame.
- 1d. Each section shall have a maximum weight of no more than 120 pounds, and shall draft no more than 1" under dead load. Specified live load capabilities of 62 pounds per square foot will be supported.

2. Connections of Float Sections

- 2a. all connectors provided are designed for each individual customer configuration. The connectors shall be made from 6061T6 Marine grade aluminum and mostly be of 1.66" x 1.66" x .125" square tubing.
- 2b. Connectors will create a rigid and stable connection between float sections.



Your First Choice for Floating Dock Solutions

3. Attachments

3a. Attachments will be to pilings by use of a two piece 12" piling hoop bracket. Shall be bolted directly into the 2" square tube frame system on the exterior edge of float section using 304 stainless steel hardware.

3b. Location of brackets shall be determined during field installation.

4. Accessories:

4a. All AccuDock accessories shall be able to bolt directly into the framing system on every float section. There will be no set area where an accessory must be positioned. All accessories will bolt in the framing system with 304 series Stainless Steel hardware.

4b. Project Specific Accessories;

4c. AccuDock Safe Launch Feature – will be provided upon customer request in proper dock configurations, and will have a double adjustment utilizing hinge pins and a single rope adjustment. Safe Launch adjustment is designed to be easily accomplished regardless of age or gender.

4d. Overhead Assist Bars, Side Assist Bars will be field installed at each customer's desired location. Materials used will be 1-1/4" schedule 40 aluminum pipe, attaching to the surface of each float with 304 series Stainless Steel hardware, being bolted through the aluminum framing system on each float section.

ADA Specifications

5. ADA Transfer Platform

5a. The ADA Transfer Platform will be made from fiberglass with a four step transition to the kayak launch slip.

5b. Each riser of the steps will have a slight slope to accommodate entry and exit.

5c. two transfer support methods are provided-an overhead assist bar and overhead continuous grab bar per 1008.3.1.4 and 1008.3.2.3 Transfer Supports Turning space per (1008.4.1 Turning Space)



Your First Choice for Floating Dock Solutions

5d. The transfer platform provides access from wheelchair height level- down to the dock level and returning to the wheel chair is in compliance with 1008.3 TRANSFER SYSTEMS: As per the ADA Standards for Accessible Design.

5e. specifically- The TRANSFER PLATFORM is ADA Compliant as follows:

5f. Transfer Platform provided- per 1008.3.1(transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids)

5g. Loading surface level and step size is in compliance with (1008.3.1.1 size & 1008.3.1.2 height)

5h. Transfer space is provided per 1008.3.1.3 Transfer Space.

6. ADA Roll/ Edge Guard

6a. Perimeter, excluding access to slip, of floating kayak platform and launch system shall be installed with 2.5"x1" rounded top edge roll guard which will be bolted into the framework using 304 stainless steel hardware.

6b. All attachment hardware will be countersunk to avoid hazard of exposed hardware

7. ADA Access Gangway

7a. ADA Access Gangway will be fabricated using 6000 Series Aluminum by measurement of 4' in width and 32' in length and manufactured by ADA Specification Standards

7b. ADA Access Gangway main component of fabrication being of 3"x3"x1/8" Aluminum Square ribbed tubing. A pre arched design will be built in for added strength and enhanced aesthetics.

7c. ADA Access Gangway Decking shall consist of knurled and ribbed extrusion and welded to framework of the gangway.

7c. Intermediate railing shall measure 36" above decking and minimum clearance of 36" walk space from handrail to handrail. Handrails will extend out from end of gangway 12" and return to end gangway stanchion. Intermediate handrail shall be fabricated of 1 1/4" schedule 40 pipe



Your First Choice for Floating Dock Solutions

7d. Intermediate handrail shall be installed to ADA Access Gangway by 2.5"x3^{7/8} Centerline projected handrail bracket allowing for minimum 1.5" clearance between handrail and side of gangway.

7e. ADA Access Gangway shall include Kick Plate extending up to 2" from decking surface.

7f. Fixed dock connection of ADA Access Gangway to be installed utilizing a 4' dockside hinge plate with 1/2" schedule 40 pipe as the hinge pin.

Revisions to 7g.
7h., 7i. TBD. May
need to add roller
brackets instead
of hinge/comp
float based on site
install details

7g. ADA Access Gangway to also hinge to the Floating Kayak Launch Platform with additional support of a compensation floating section mounted to the underside of the gangway.

7h. Compensation float shall consist of capacity no less than 50% of the total ADA Access Gangway weight.

7i. Compensation float section shall be mounted with a hinge bracket to allow the support to remain level at all times

7j. Transition plate from gangway to Floating Kayak Launch Platform shall be fabricated from 1/4"x 3/8" Diamond Tread Plate allowing for smooth transition from ADA Access Gangway to Floating Kayak Launch Platform.

ADA Compliant Systems: Reference Page to ADA Accessibility Guidelines

Transfer Platform Specifications, as by law (Chapter 10)

1008.3

Transfer Systems. Where transfer systems are provided to connect to elevated play components, transfer systems shall comply with 1008.3.

1008.3.1

Transfer Platforms. Transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids. Transfer platforms shall comply with 1008.3.1.

1008.3.1.1

Size. Transfer platforms shall have level surfaces 14 inches (355 mm) deep minimum and 24 inches (610 mm) wide minimum.

1008.3.1.2

Height. The height of transfer platforms shall be 11 inches (280 mm) minimum and 18 inches (455 mm) maximum measured to the top of the surface from the ground or floor surface.

1008.3.1.3

Transfer Space. A transfer space complying with 305.2 and 305.3 shall be provided adjacent to the transfer platform. The 48 inch (1220 mm) long minimum dimension of the transfer space shall be centered on and parallel to the 24 inch (610 mm) long minimum side of the transfer platform. The side of the transfer platform serving the transfer space shall be unobstructed.

1008.3.1.4

Transfer Supports. At least one means of support for transferring shall be provided.

1008.3.2

Transfer Steps. Transfer steps shall be provided where movement is intended from transfer platforms to levels with elevated play components required to be on accessible routes. Transfer steps shall comply with 1008.3.2.

1008.3.2.1

Size. Transfer steps shall have level surfaces 14 inches (355 mm) deep minimum and 24 inches (610 mm) wide minimum.

1008.3.2.2

Height. Each transfer step shall be 8 inches (205 mm) high maximum.

1008.3.2.3

Transfer Supports. At least one means of support for transferring shall be provided.

1008.4

Play Components. Ground level play components on accessible routes and elevated play components connected by ramps shall comply with 1008.4.

Ref; <http://www.access-board.gov/ada-aba/comparison/chapter10.htm>

ADA COMPLIANT GANGWAY:

Gangways are available that comply with ADA requirements as specified, Chapter 4/Ref; 405: Ramps

405.1

General. Ramps on accessible routes shall comply with 405.

EXCEPTION: In assembly areas, aisle ramps adjacent to seating and not serving elements required to be on an accessible route shall not be required to comply with 405.

405.2

Slope. Ramp runs shall have a running slope not steeper than 1:12.

EXCEPTION: In existing sites, buildings, and facilities, ramps shall be permitted to have running slopes steeper than 1:12 complying with Table 405.2 where such slopes are necessary due to space limitations.

405.1

General. Ramps on accessible routes shall comply with 405.

Advisory 405.2 Slope.

To accommodate the widest range of users, provide ramps with the least possible running slope and, wherever possible, accompany ramps with stairs for use by those individuals for whom distance presents a greater barrier than steps, e.g., people with heart disease or limited stamina.

405.3

Cross Slope. Cross slope of ramp runs shall not be steeper than 1:48.

Advisory 405.3 Cross Slope.

Cross slope is the slope of the surface perpendicular to the direction of travel. Cross slope is measured the same way as slope is measured (i.e., the rise over the run).

405.4 Floor or Ground Surfaces.

Floor or ground surfaces of ramp runs shall comply with 302. Changes in level other than the running slope and cross slope are not permitted on ramp runs.

405.5 Clear Width.

The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36 inches (915 mm) minimum.

EXCEPTION: Within employee work areas, the required clear width of ramps that are a part of common use circulation paths shall be permitted to be decreased by work area equipment provided that the decrease is essential to the function of the work being performed.

405.6 Rise.

The rise for any ramp run shall be 30 inches (760 mm) maximum.

405.7 Landings.

Ramps shall have landings at the top and the bottom of each ramp run.

Landings shall comply with 405.7.

Advisory 405.7 Landings.

Ramps that do not have level landings at changes in direction can create a compound slope that will not meet the requirements of this document. Circular or curved ramps continually change direction. Curvilinear ramps with small radii also can create compound cross slopes and cannot, by their nature, meet the requirements for accessible routes. A level landing is needed at the accessible door to permit maneuvering and simultaneously door operation.

Advisory 405.2 Slope.

To accommodate the widest range of users, provide ramps with the least possible running slope and, wherever possible, accompany ramps with stairs for use by those individuals for whom distance presents a greater barrier than steps, e.g., people with heart disease or limited stamina.

405.2 Maximum Ramp Slope and Rise for Existing Sites, Buildings, and Facilities

Slope ¹	Maximum Rise
1. A slope steeper than 1:8 is prohibited.	
Steeper than 1:10 but not steeper than 1:8	3 inches (75 mm)
Steeper than 1:12 but not steeper than 1:10	6 inches (150 mm)

1003 Recreational Boating Facilities

1003.1 General. Recreational boating facilities shall comply with 1003.

1003.2 Accessible Routes. Accessible routes serving recreational boating facilities, including gangways and floating piers, shall comply with Chapter 4 except as modified by the exceptions in 1003.2.

1003.2.1 Boat Slips. Accessible routes serving boat slips shall be permitted to use the exceptions in 1003.2.1.

EXCEPTIONS:

- 1.** Where an existing gangway or series of gangways is replaced or altered, an increase in the length of the gangway shall not be required to comply with 1003.2 unless required by 202.4.
- 2.** Gangways shall not be required to comply with the maximum rise specified in 405.6.
- 3.** Where the total length of a gangway or series of gangways serving as part of a required accessible route is 80 feet (24 m) minimum, gangways shall not be required to comply with 405.2.
- 4.** Where facilities contain fewer than 25 boat slips and the total length of the gangway or series of gangways serving as part of a required accessible route is 30 feet (9145 mm) minimum, gangways shall not be required to comply with 405.2.
- 5.** Where gangways connect to transition plates, landings specified by 405.7 shall not be required.
- 6.** Where gangways and transition plates connect and are required to have handrails, handrail extensions shall not be required. Where handrail extensions are provided on gangways or transition plates, the handrail extensions shall not be required to be parallel with the ground or floor surface.
- 7.** The cross slope specified in 403.3 and 405.3 for gangways, transition plates, and floating piers that are part of accessible routes shall be measured in the static position.

8. Changes in level complying with 303.3 and 303.4 shall be permitted on the surfaces of gangways and boat launch ramps.

Advisory 1003.2.1 Boat Slips Exception 3. The following example shows how exception 3 would be applied: A gangway is provided to a floating pier which is required to be on an accessible route. The vertical distance is 10 feet (3050 mm) between the elevation where the gangway departs the landside connection and the elevation of the pier surface at the lowest water level. Exception 3 permits the gangway to be 80 feet (24 m) long. Another design solution would be to have two 40 foot (12 m) plus continuous gangways joined together at a float, where the float (as the water level falls) will stop dropping at an elevation five feet below the landside connection. The length of transition plates would not be included in determining if the gangway(s) meet the requirements of the exception.

1003.2.2 Boarding Piers at Boat Launch Ramps. Accessible routes serving boarding piers at boat launch ramps shall be permitted to use the exceptions in 1003.2.2.

EXCEPTIONS:

1. Accessible routes serving floating boarding piers shall be permitted to use Exceptions 1, 2, 5, 6, 7 and 8 in 1003.2.1.
2. Where the total length of the gangway or series of gangways serving as part of a required accessible route is 30 feet (9145 mm) minimum, gangways shall not be required to comply with 405.2.
3. Where the accessible route serving a floating boarding pier or skid pier is located within a boat launch ramp, the portion of the accessible route located within the boat launch ramp shall not be required to comply with 405.

1003.3 Clearances. Clearances at boat slips and on boarding piers at boat launch ramps shall comply with 1003.3.

Advisory 1003.3 Clearances. Although the minimum width of the clear pier space is 60 inches (1525 mm), it is recommended that piers be wider than 60 inches (1525 mm) to improve the safety for persons with disabilities, particularly on floating piers.

1003.3.1 Boat Slip Clearance. Boat slips shall provide clear pier space 60 inches (1525 mm) wide minimum and at least as long as the boat slips. Each 10 feet (3050 mm) maximum of linear pier edge serving boat slips shall contain at least one continuous clear opening 60 inches (1525 mm) wide minimum.

EXCEPTIONS:

- 1.** Clear pier space shall be permitted to be 36 inches (915 mm) wide minimum for a length of 24 inches (610 mm) maximum, provided that multiple 36 inch (915 mm) wide segments are separated by segments that are 60 inches (1525 mm) wide minimum and 60 inches (1525 mm) long minimum.
- 2.** Edge protection shall be permitted at the continuous clear openings, provided that it is 4 inches (100 mm) high maximum and 2 inches (51 mm) wide maximum.
- 3.** In existing piers, clear pier space shall be permitted to be located perpendicular to the boat slip and shall extend the width of the boat slip, where the facility has at least one boat slip complying with 1003.3, and further compliance with 1003.3 would result in a reduction in the number of boat slips available or result in a reduction of the widths of existing slips.

Advisory 1003.3.1 Boat Slip Clearance Exception 3. Where the conditions in exception 3 are satisfied, existing facilities are only required to have one accessible boat slip with a pier clearance which runs the length of the slip. All other accessible slips are allowed to have the required pier clearance at the head of the slip. Under this exception, at piers with perpendicular boat slips, the width of most "finger piers" will remain unchanged. However, where mooring systems for floating piers are replaced as part of pier alteration projects, an opportunity may exist for increasing accessibility. Piers may be reconfigured to allow an increase in the number of wider finger piers, and serve as accessible boat slips.

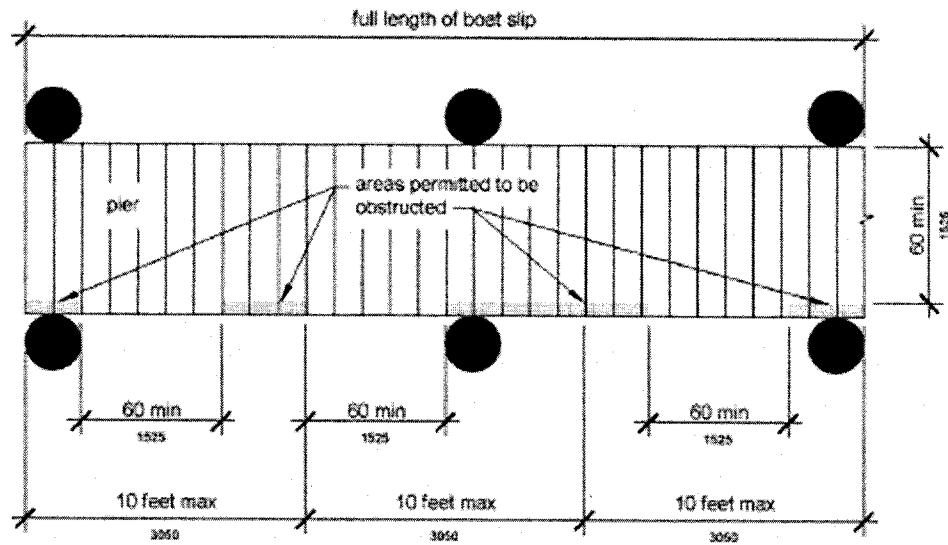


Figure 1003.3.1 Boat Slip Clearance

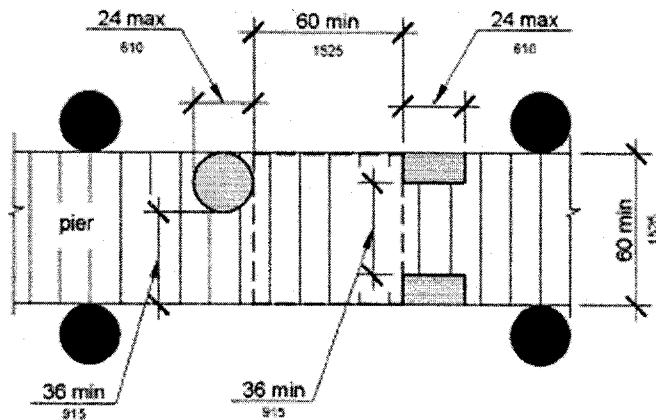


Figure 1003.3.1 (Exception 1) Clear Pier Space Reduction at Boat Slips

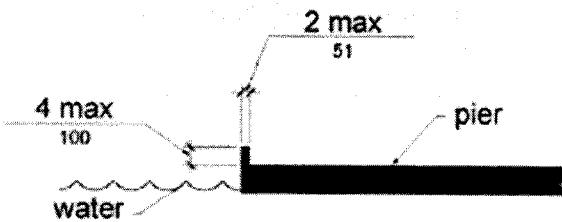


Figure 1003.3.1 (Exception 2) Edge Protection at Boat Slips

1003.3.2 Boarding Pier Clearances. Boarding piers at boat launch ramps shall provide clear pier space 60 inches (1525 mm) wide minimum and shall extend the full length of the boarding pier. Every 10 feet (3050 mm) maximum of linear pier edge shall contain at least one continuous clear opening 60 inches (1525 mm) wide minimum.

EXCEPTIONS:

1. The clear pier space shall be permitted to be 36 inches (915 mm) wide minimum for a length of 24 inches (610 mm) maximum provided that multiple 36 inch (915 mm) wide segments are separated by segments that are 60 inches (1525 mm) wide minimum and 60 inches (1525 mm) long minimum.
2. Edge protection shall be permitted at the continuous clear openings provided that it is 4 inches (100 mm) high maximum and 2 inches (51 mm) wide maximum.

Advisory 1003.3.2 Boarding Pier Clearances. These requirements do not establish a minimum length for accessible boarding piers at boat launch ramps. The accessible boarding pier should have a length at least equal to that of other boarding piers provided at the facility. If no other boarding pier is provided, the pier would have a length equal to what would have been provided if no access requirements applied. The entire length of accessible boarding piers would be required to comply with the same technical provisions that apply to accessible boat slips. For example, at a launch ramp, if a 20 foot (6100 mm) long accessible boarding pier is provided, the entire 20 feet (6100 mm) must comply with the pier clearance requirements in 1003.3. Likewise, if a 60 foot (18 m) long accessible boarding pier is

provided, the pier clearance requirements in 1003.3 would apply to the entire 60 feet (18 m).

The following example applies to a boat launch ramp boarding pier: A chain of floats is provided on a launch ramp to be used as a boarding pier which is required to be accessible by 1003.3.2. At high water, the entire chain is floating and a transition plate connects the first float to the surface of the launch ramp. As the water level decreases, segments of the chain end up resting on the launch ramp surface, matching the slope of the launch ramp.

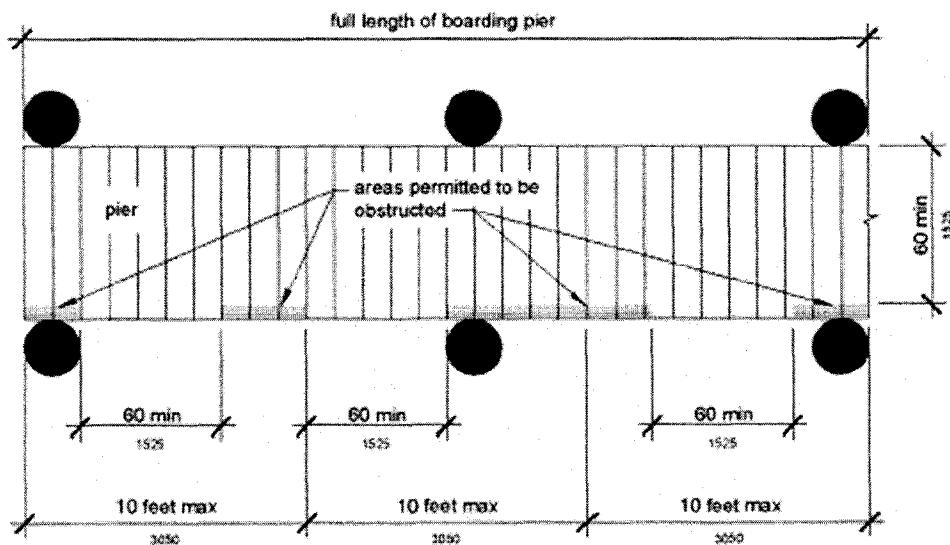


Figure 1003.3.2 Boarding Pier Clearance

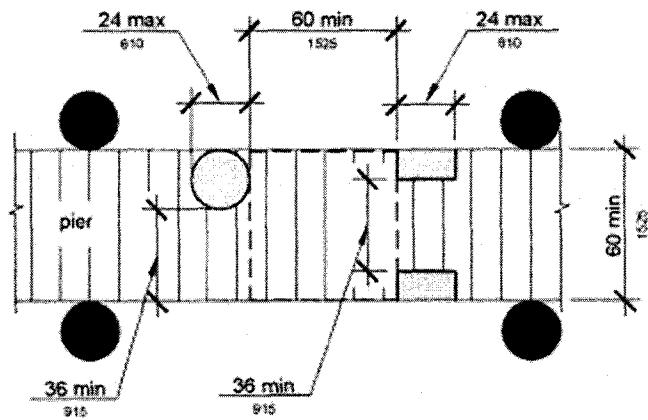


Figure 1003.3.2 (Exception 1) Clear Pier Space Reduction at Boarding Piers

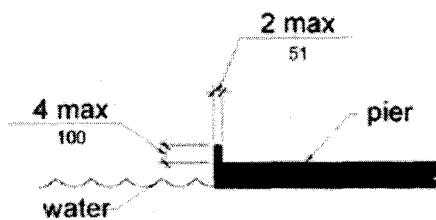


Figure 1003.3.2 (Exception 2) Edge Protection at Boarding Piers

005 Fishing Piers and Platforms

1005.1 Accessible Routes. Accessible routes serving fishing piers and platforms, including gangways and floating piers, shall comply with Chapter 4.

EXCEPTIONS:

1. Accessible routes serving floating fishing piers and platforms shall be permitted to use Exceptions 1, 2, 5, 6, 7 and 8 in 1003.2.1.
2. Where the total length of the gangway or series of gangways serving as part of a required accessible route is 30 feet (9145 mm) minimum, gangways shall not be required to comply with 405.2.

1005.2 Railings. Where provided, railings, guards, or handrails shall comply with 1005.2.

1005.2.1 Height. At least 25 percent of the railings, guards, or handrails shall be 34 inches (865 mm) maximum above the ground or deck surface.

EXCEPTION: Where a guard complying with sections 1003.2.12.1 and 1003.2.12.2 of the International Building Code (2000 edition) or sections 1012.2 and 1012.3 of the International Building Code (2003 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1) is provided, the guard shall not be required to comply with 1005.2.1.

1005.2.1.1 Dispersion. Railings, guards, or handrails required to comply with 1005.2.1 shall be dispersed throughout the fishing pier or platform.

Advisory 1005.2.1.1 Dispersion. Portions of the railings that are lowered to provide fishing opportunities for persons with disabilities must be located in a variety of locations on the fishing pier or platform to give people a variety of locations to fish. Different fishing locations may provide varying water depths, shade (at certain times of the day), vegetation, and proximity to the shoreline or bank.

1005.3 Edge Protection. Where railings, guards, or handrails complying with 1005.2 are provided, edge protection complying with 1005.3.1 or 1005.3.2 shall be provided.

Advisory 1005.3 Edge Protection. Edge protection is required only where railings, guards, or handrails are provided on a fishing pier or platform. Edge protection will prevent wheelchairs or other mobility devices from slipping off the fishing pier or platform. Extending the deck of the fishing pier or platform 12 inches (305 mm) where the 34 inch (865 mm) high railing is provided is an alternative design, permitting individuals using wheelchairs or other mobility devices to pull into a clear space and move beyond the face of the railing. In such a design, curbs or barriers are not required.

1005.3.1 Curb or Barrier. Curbs or barriers shall extend 2 inches (51 mm) minimum above the surface of the fishing pier or platform.

1005.3.2 Extended Ground or Deck Surface. The ground or deck surface shall extend 12 inches (305 mm) minimum beyond the inside face of the railing. Toe clearance shall be provided and shall be 30 inches (760 mm) wide minimum and 9 inches (230 mm) minimum above the ground or deck surface beyond the railing.

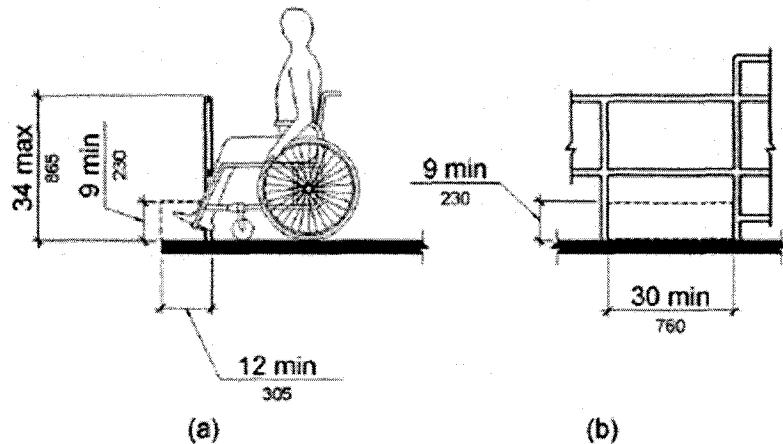


Figure 1005.3.2 Extended Ground or Deck Surface at Fishing Piers and Platforms

1005.4 Clear Floor or Ground Space. At each location where there are railings, guards, or handrails complying with 1005.2.1, a clear floor or ground space complying with 305 shall be provided. Where there are no railings, guards, or handrails, at least one clear floor or ground space complying with 305 shall be provided on the fishing pier or platform.

1005.5 Turning Space. At least one turning space complying with 304.3 shall be provided on fishing piers and platforms.

1005 Fishing Piers and Platforms

1005.1 Accessible Routes. Accessible routes serving fishing piers and platforms, including gangways and floating piers, shall comply with Chapter 4.

EXCEPTIONS:

1. Accessible routes serving floating fishing piers and platforms shall be permitted to use Exceptions 1, 2, 5, 6, 7 and 8 in 1003.2.1.

2. Where the total length of the gangway or series of gangways serving as part of a required accessible route is 30 feet (9145 mm) minimum, gangways shall not be required to comply with 405.2.

1005.2 Railings. Where provided, railings, guards, or handrails shall comply with 1005.2.

1005.2.1 Height. At least 25 percent of the railings, guards, or handrails shall be 34 inches (865 mm) maximum above the ground or deck surface.

EXCEPTION: Where a guard complying with sections 1003.2.12.1 and 1003.2.12.2 of the International Building Code (2000 edition) or sections 1012.2 and 1012.3 of the International Building Code (2003 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1) is provided, the guard shall not be required to comply with 1005.2.1.

1005.2.1.1 Dispersion. Railings, guards, or handrails required to comply with 1005.2.1 shall be dispersed throughout the fishing pier or platform.

Advisory 1005.2.1.1 Dispersion. Portions of the railings that are lowered to provide fishing opportunities for persons with disabilities must be located in a variety of locations on the fishing pier or platform to give people a variety of locations to fish. Different fishing locations may provide varying water depths, shade (at certain times of the day), vegetation, and proximity to the shoreline or bank.

1005.3 Edge Protection. Where railings, guards, or handrails complying with 1005.2 are provided, edge protection complying with 1005.3.1 or 1005.3.2 shall be provided.

Advisory 1005.3 Edge Protection. Edge protection is required only where railings, guards, or handrails are provided on a fishing pier or platform. Edge protection will prevent wheelchairs or other mobility devices from slipping off the fishing pier or platform. Extending the deck of the fishing pier or platform 12 inches (305 mm) where the 34 inch (865 mm) high railing is provided is an alternative design, permitting individuals using wheelchairs or other mobility devices to pull into a clear space and move beyond the face of the railing. In such a design, curbs or barriers are not required.

1005.3.1 Curb or Barrier. Curbs or barriers shall extend 2 inches (51 mm) minimum above the surface of the fishing pier or platform.

1005.3.2 Extended Ground or Deck Surface. The ground or deck surface shall extend 12 inches (305 mm) minimum beyond the inside face of the railing. Toe clearance shall be provided and shall be 30 inches (760 mm) wide minimum and 9 inches (230 mm) minimum above the ground or deck surface beyond the railing.

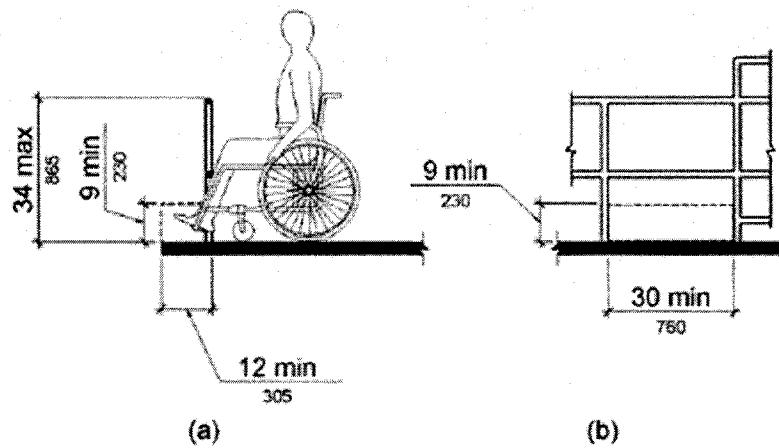


Figure 1005.3.2 Extended Ground or Deck Surface at Fishing Piers and Platforms

1005.4 Clear Floor or Ground Space. At each location where there are railings, guards, or handrails complying with 1005.2.1, a clear floor or ground space complying with 305 shall be provided. Where there are no railings, guards, or handrails, at least one clear floor or ground space complying with 305 shall be provided on the fishing pier or platform.

1005.5 Turning Space. At least one turning space complying with 304.3 shall be provided on fishing piers and platforms.

1008 Play Areas

1008.1 General. Play areas shall comply with 1008.

1008.2 Accessible Routes. Accessible routes serving play areas shall comply with Chapter 4 and 1008.2 and shall be permitted to use the exceptions in 1008.2.1 through 1008.2.3. Where accessible routes serve ground level play components, the vertical clearance shall be 80 inches high (2030 mm) minimum.

1008.2.1 Ground Level and Elevated Play Components. Accessible routes serving ground level play components and elevated play components shall be permitted to use the exceptions in 1008.2.1.

EXCEPTIONS:

1. Transfer systems complying with 1008.3 shall be permitted to connect elevated play components except where 20 or more elevated play components are provided no more than 25 percent of the elevated play components shall be permitted to be connected by transfer systems.

2. Where transfer systems are provided, an elevated play component shall be permitted to connect to another elevated play component as part of an accessible route.

1008.2.2 Soft Contained Play Structures. Accessible routes serving soft contained play structures shall be permitted to use the exception in 1008.2.2.

EXCEPTION: Transfer systems complying with 1008.3 shall be permitted to be used as part of an accessible route.

1008.2.3 Water Play Components. Accessible routes serving water play components shall be permitted to use the exceptions in 1008.2.3.

EXCEPTIONS:

1. Where the surface of the accessible route, clear floor or ground spaces, or turning spaces serving water play components is submerged, compliance with 302, 403.3, 405.2, 405.3, and 1008.2.6 shall not be required.
2. Transfer systems complying with 1008.3 shall be permitted to connect elevated play components in water.

Advisory 1008.2.3 Water Play Components. Personal wheelchairs and mobility devices may not be appropriate for submerging in water when using play components in water. Some may have batteries, motors, and electrical systems that when submerged in water may cause damage to the personal mobility device or wheelchair or may contaminate the water. Providing an aquatic wheelchair made of non-corrosive materials and designed for access into the water will protect the water from contamination and avoid damage to personal wheelchairs.

1008.2.4 Clear Width. Accessible routes connecting play components shall provide a clear width complying with 1008.2.4.

1008.2.4.1 Ground Level. At ground level, the clear width of accessible routes shall be 60 inches (1525 mm) minimum.

EXCEPTIONS:

1. In play areas less than 1000 square feet (93 m²), the clear width of accessible routes shall be permitted to be 44 inches (1120 mm) minimum, if at least one turning space complying with 304.3 is provided where the restricted accessible route exceeds 30 feet (9145 mm) in length.
2. The clear width of accessible routes shall be permitted to be 36 inches (915 mm) minimum for a distance of 60 inches (1525 mm) maximum provided that multiple reduced width segments are separated by segments that are 60 inches (1525 mm) wide minimum and 60 inches (1525 mm) long minimum.

1008.2.4.2 Elevated. The clear width of accessible routes connecting elevated play components shall be 36 inches (915 mm) minimum.

EXCEPTIONS:

1. The clear width of accessible routes connecting elevated play components shall be permitted to be reduced to 32 inches (815 mm) minimum for a distance of 24 inches (610 mm) maximum provided that reduced width segments are separated by segments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum.

2. The clear width of transfer systems connecting elevated play components shall be permitted to be 24 inches (610 mm) minimum.

1008.2.5 Ramps. Within play areas, ramps connecting ground level play components and ramps connecting elevated play components shall comply with 1008.2.5.

1008.2.5.1 Ground Level. Ramp runs connecting ground level play components shall have a running slope not steeper than 1:16.

1008.2.5.2 Elevated. The rise for any ramp run connecting elevated play components shall be 12 inches (305 mm) maximum.

1008.2.5.3 Handrails. Where required on ramps serving play components, the handrails shall comply with 505 except as modified by 1008.2.5.3.

EXCEPTIONS:

1. Handrails shall not be required on ramps located within ground level use zones.

2. Handrail extensions shall not be required.

1008.2.5.3.1 Handrail Gripping Surfaces. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 0.95 inch (24 mm) minimum and 1.55 inches (39 mm) maximum. Where the shape of the gripping surface is non-circular, the handrail shall provide an equivalent gripping surface.

1008.2.5.3.2 Handrail Height. The top of handrail gripping surfaces shall be 20 inches (510 mm) minimum and 28 inches (710 mm) maximum above the ramp surface.

1008.2.6 Ground Surfaces. Ground surfaces on accessible routes, clear floor or ground spaces, and turning spaces shall comply with 1008.2.6.

Advisory 1008.2.6 Ground Surfaces. Ground surfaces must be inspected and maintained regularly to ensure continued compliance with the ASTM F 1951 standard. The type of surface material selected and play area use levels will determine the frequency of inspection and maintenance activities.

1008.2.6.1 Accessibility. Ground surfaces shall comply with ASTM F 1951 (incorporated by reference, see "Referenced Standards" in Chapter 1). Ground surfaces shall be inspected and maintained regularly and frequently to ensure continued compliance with ASTM F 1951.

1008.2.6.2 Use Zones. Ground surfaces located within use zones shall comply with ASTM F 1292 (1999 edition or 2004 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1).

1008.3 Transfer Systems. Where transfer systems are provided to connect to elevated play components, transfer systems shall comply with 1008.3.

Advisory 1008.3 Transfer Systems. Where transfer systems are provided, consideration should be given to the distance between the transfer system and the elevated play components. Moving between a transfer platform and a series of transfer steps requires extensive exertion for some children. Designers should minimize the distance between the points where a child transfers from a wheelchair or mobility device and where the elevated play components are located. Where elevated play components are used to connect to another elevated play component instead of an accessible route, careful consideration should be used in the selection of the play components used for this purpose.

1008.3.1 Transfer Platforms. Transfer platforms shall be provided where transfer is intended from wheelchairs or other mobility aids. Transfer platforms shall comply with 1008.3.1.

1008.3.1.1 Size. Transfer platforms shall have level surfaces 14 inches (355 mm) deep minimum and 24 inches (610 mm) wide minimum.

1008.3.1.2 Height. The height of transfer platforms shall be 11 inches (280 mm) minimum and 18 inches (455 mm) maximum measured to the top of the surface from the ground or floor surface.

1008.3.1.3 Transfer Space. A transfer space complying with 305.2 and 305.3 shall be provided adjacent to the transfer platform. The 48 inch (1220 mm) long minimum dimension of the transfer space shall be centered on and parallel to the 24 inch (610 mm) long minimum side of the transfer platform. The side of the transfer platform serving the transfer space shall be unobstructed.

1008.3.1.4 Transfer Supports. At least one means of support for transferring shall be provided.

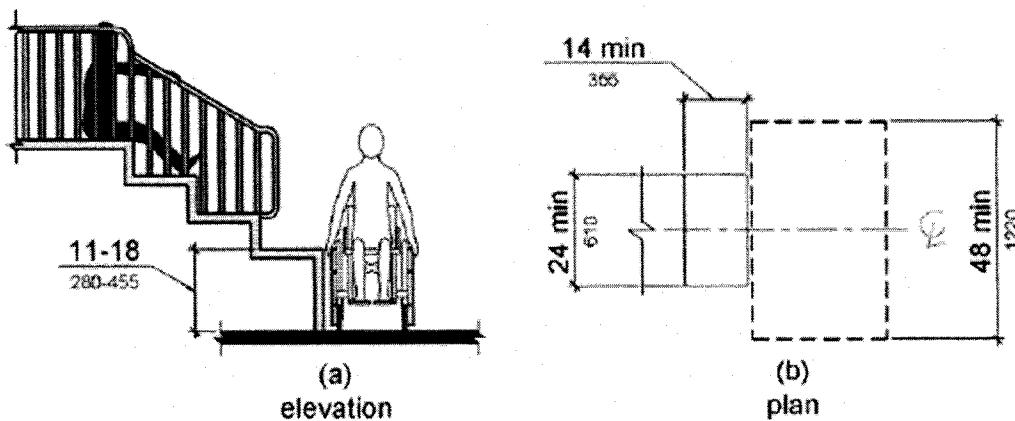


Figure 1008.3.1 Transfer Platforms

1008.3.2 Transfer Steps. Transfer steps shall be provided where movement is intended from transfer platforms to levels with elevated play components required to be on accessible routes. Transfer steps shall comply with 1008.3.2.

1008.3.2.1 Size. Transfer steps shall have level surfaces 14 inches (355 mm) deep minimum and 24 inches (610 mm) wide minimum.

1008.3.2.2 Height. Each transfer step shall be 8 inches (205 mm) high maximum.

1008.3.2.3 Transfer Supports. At least one means of support for transferring shall be provided.

Advisory 1008.3.2.3 Transfer Supports. Transfer supports are required on transfer platforms and transfer steps to assist children when transferring. Some examples of supports include a rope loop, a loop type handle, a slot in the edge of a flat horizontal or vertical member, poles or bars, or D rings on the corner posts.

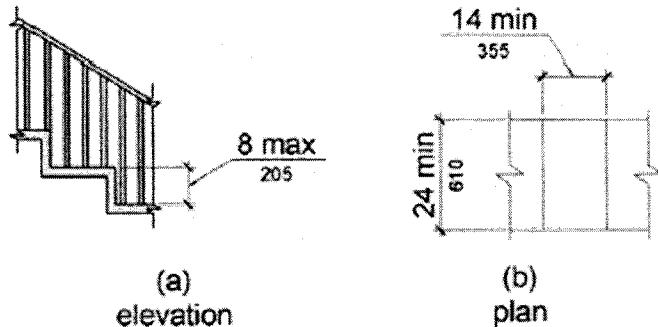


Figure 1008.3.2 Transfer Steps

1008.4 Play Components. Ground level play components on accessible routes and elevated play components connected by ramps shall comply with 1008.4.

1008.4.1 Turning Space. At least one turning space complying with 304 shall be provided on the same level as play components. Where swings are provided, the turning space shall be located immediately adjacent to the swing.

1008.4.2 Clear Floor or Ground Space. Clear floor or ground space complying with 305.2 and 305.3 shall be provided at play components.

Advisory 1008.4.2 Clear Floor or Ground Space. Clear floor or ground spaces, turning spaces, and accessible routes are permitted to overlap within play areas. A specific location has not been designated for the clear floor or ground spaces or turning spaces, except swings, because each play component may require that the spaces be placed in a unique location. Where play components include a

seat or entry point, designs that provide for an unobstructed transfer from a wheelchair or other mobility device are recommended. This will enhance the ability of children with disabilities to independently use the play component.

When designing play components with manipulative or interactive features, consider appropriate reach ranges for children seated in wheelchairs. The following table provides guidance on reach ranges for children seated in wheelchairs. These dimensions apply to either forward or side reaches. The reach ranges are appropriate for use with those play components that children seated in wheelchairs may access and reach. Where transfer systems provide access to elevated play components, the reach ranges are not appropriate.

Children's Reach Ranges

Forward or Side Reach	Ages 3 and 4	Ages 5 through 8	Ages 9 through 12
High (maximum)	36 in (915 mm)	40 in (1015 mm)	44 in (1120 mm)
Low (minimum)	20 in (510 mm)	18 in (455 mm)	16 in (405 mm)

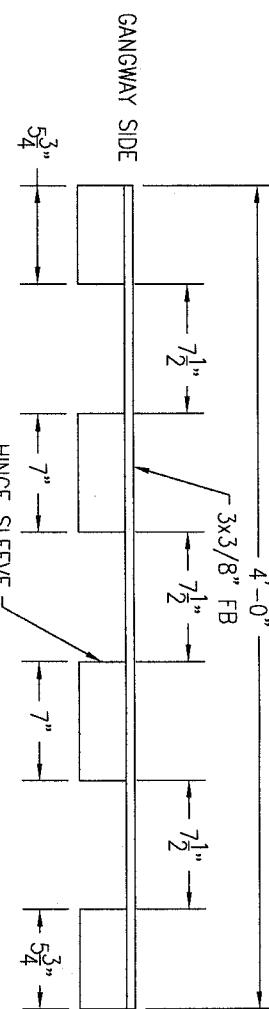
1008.4.3 Play Tables. Where play tables are provided, knee clearance 24 inches (610 mm) high minimum, 17 inches deep (430 mm) minimum, and 30 inches (760 mm) wide minimum shall be provided. The tops of rims, curbs, or other obstructions shall be 31 inches (785 mm) high maximum.

EXCEPTION: Play tables designed and constructed primarily for children 5 years and younger shall not be required to provide knee clearance where the clear floor or ground space required by 1008.4.2 is arranged for a parallel approach.

1008.4.4 Entry Points and Seats. Where play components require transfer to entry points or seats, the entry points or seats shall be 11 inches (280 mm) minimum and 24 inches (610 mm) maximum from the clear floor or ground space.

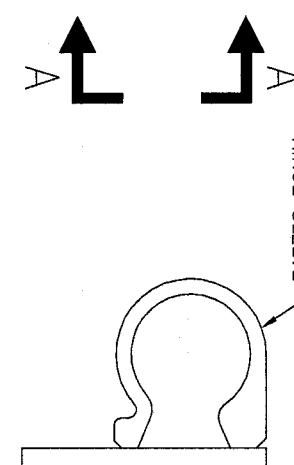
EXCEPTION: Entry points of slides shall not be required to comply with 1008.4.4.

1008.4.5 Transfer Supports. Where play components require transfer to entry points or seats, at least one means of support for transferring shall be provided.



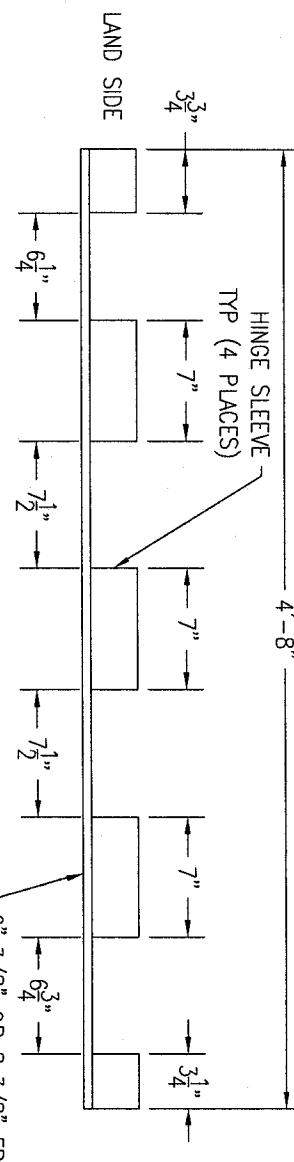
HINGE SLEEVE
TYP (6 PLACES)

CONNECTING ROD 1-1/4" SCH 40 PIPE

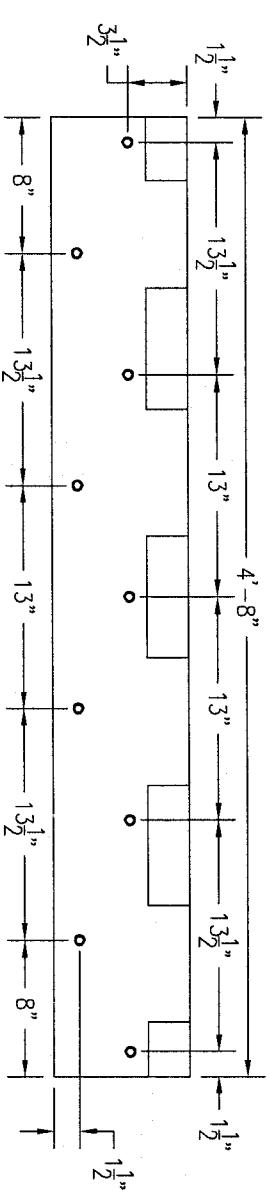


VIEW "A-A"
HINGE ASSY SIDE

$\frac{1}{4}$ " DRILLED



HINGE ASSY PLAN



8x3/8" FB SHOWN

HINGE ASSY BOLT PLAN

PROJECT DESCRIPTION:

48" HINGE ASSEMBLY

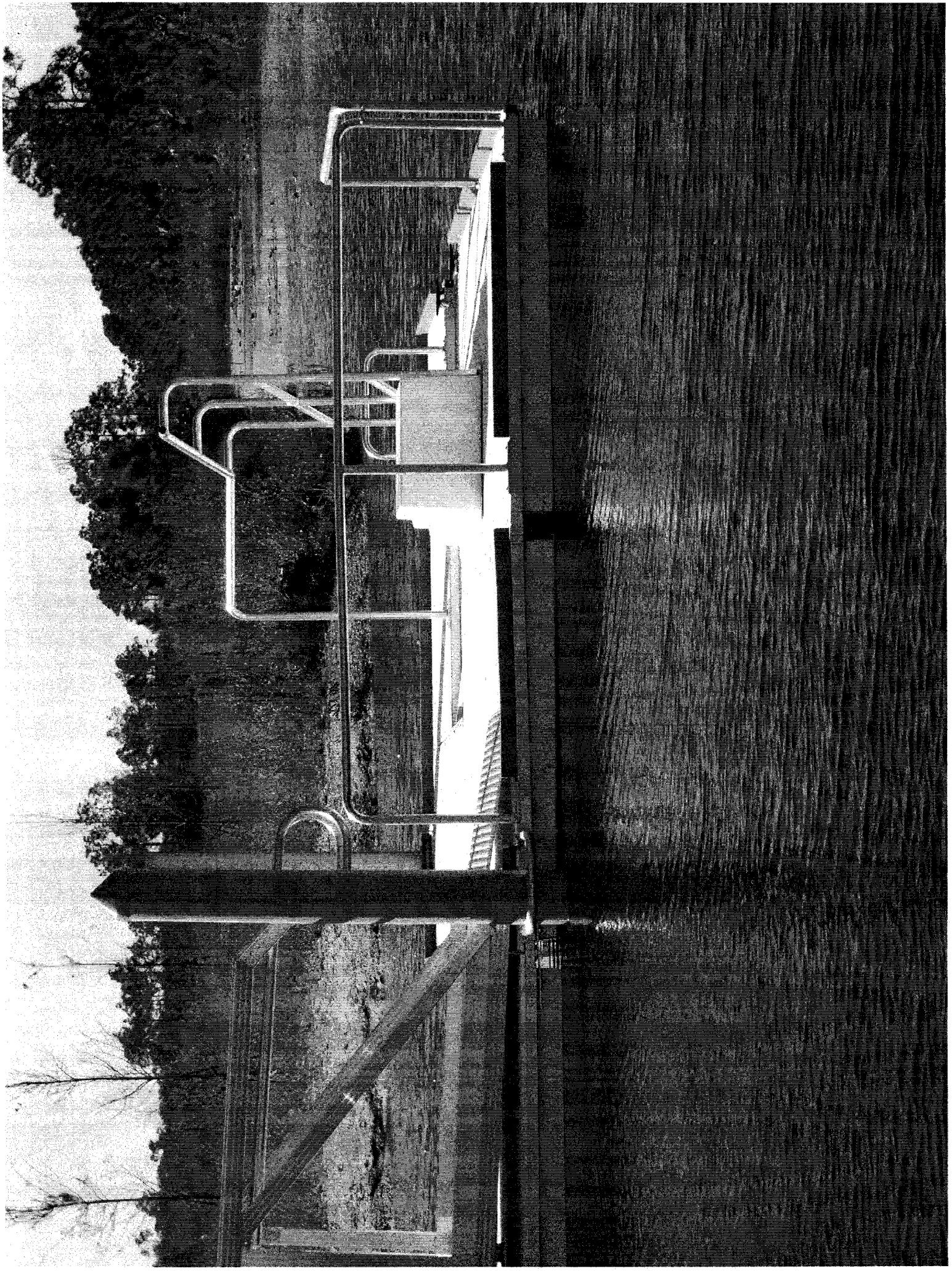
DRAWN BY:	C. OLIVER	7/22/13
CHECKED BY:	J. HARRISON	7/22/13
DRAWING NO:	AHA-048	7/22/13
SCALE:	NOT TO SCALE	(954) 785-7557

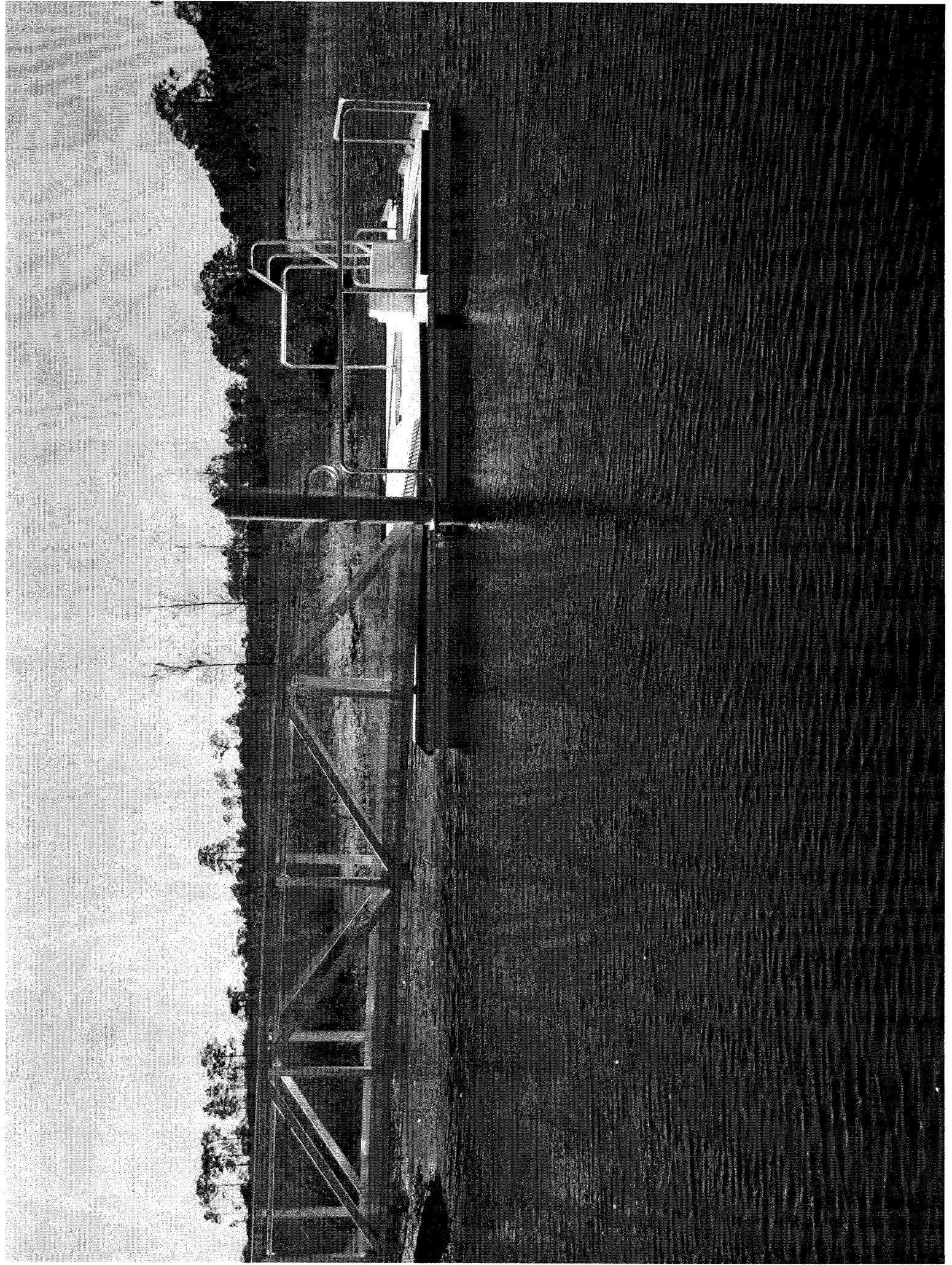
AccuDock

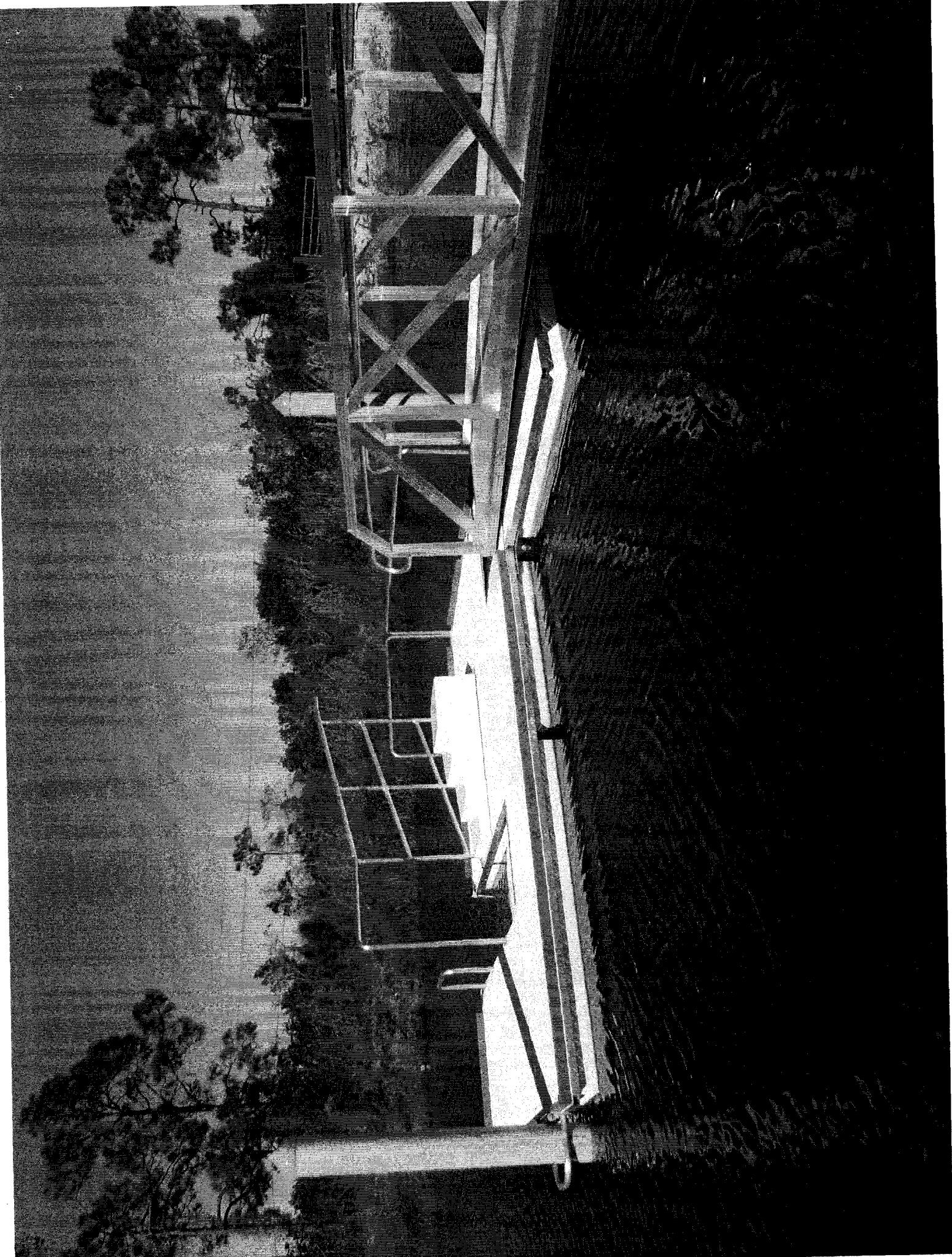
NOTES:

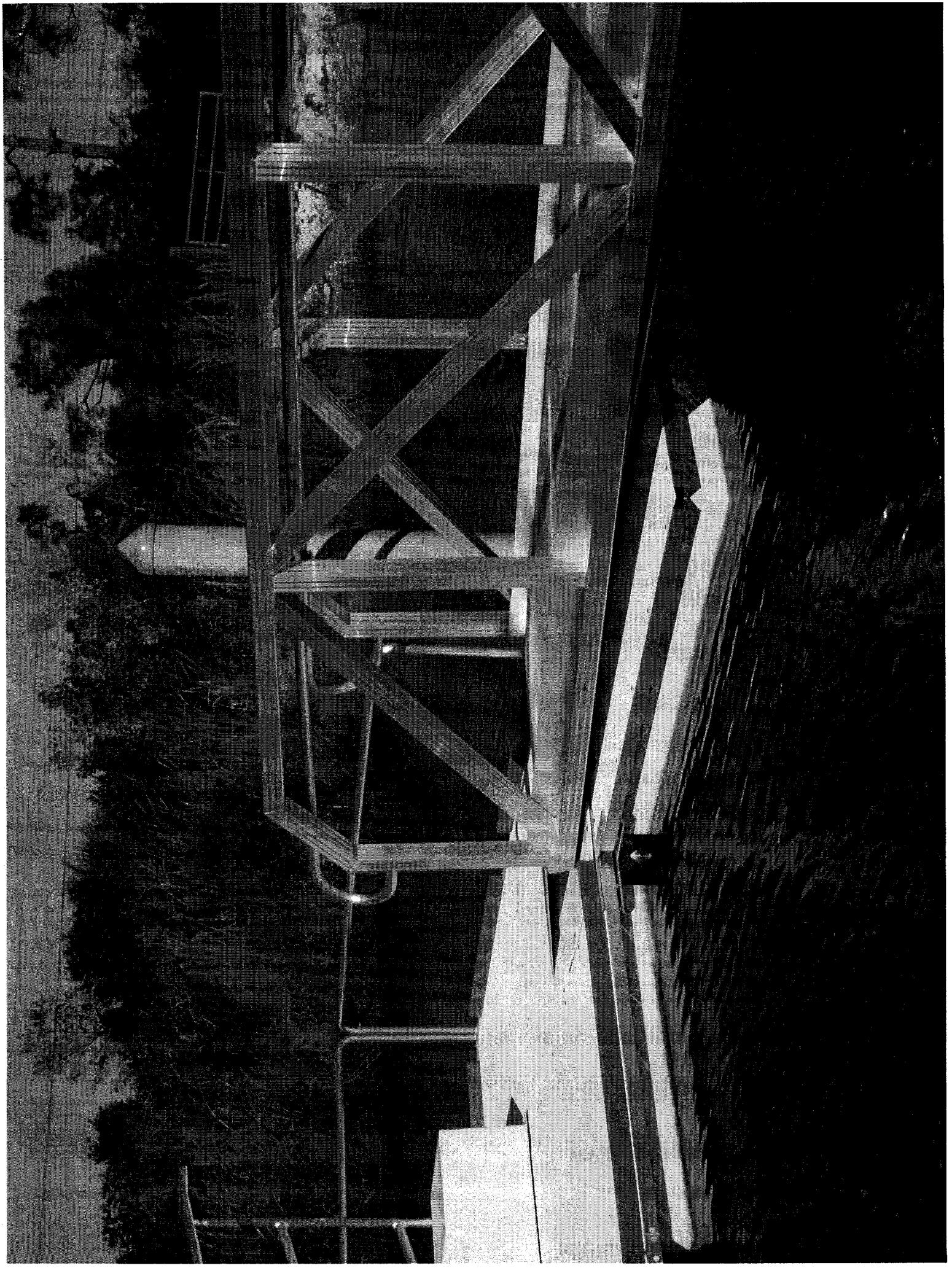
1. ALL PARTS ARE 6061-T6 ALUMINUM, UNLESS NOTATED OTHERWISE
2. ALL WELDS TO BE CONTINUOUS FILLET WELDS, 1/16" SMALLER THAN SMALLEST MATERIAL BEING WELDED, UNLESS NOTATED OTHERWISE.
3. FULL LENGTH PVC HINGE PIN ISOLATOR SUPPLIED WITH HINGE ASSY.

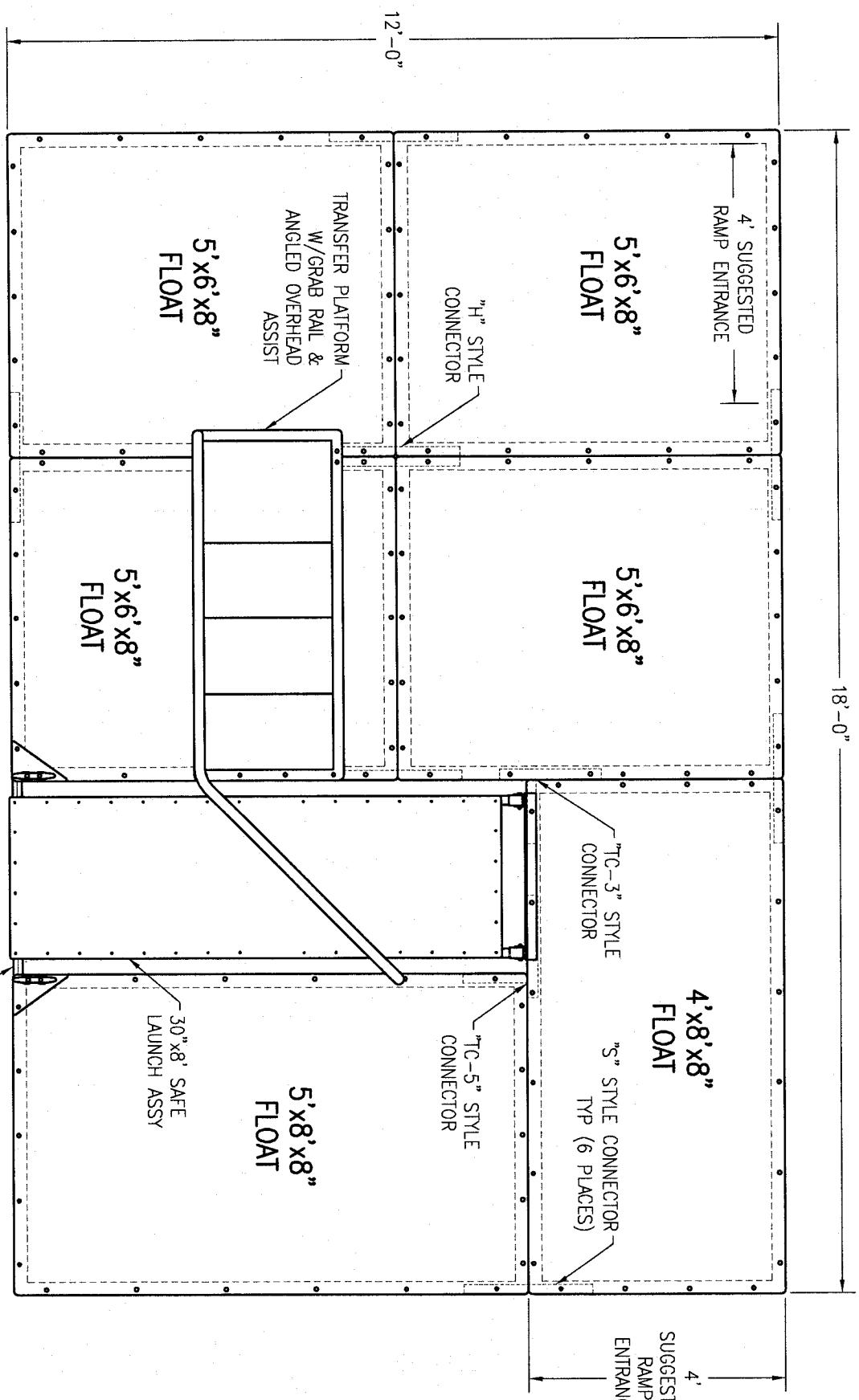
SHEET 1 OF 1











NOTES:

1. ALL SS HARDWARE INCLUDED TO ASSEMBLE THIS PACKAGE.
2. PACKAGE MAY REQUIRE ANCHORING CONNECTIONS NOT SHOWN ON DRAWING.

GENERAL ARRANGEMENT

PROJECT DESCRIPTION:	DRAWN BY: C. OLIVER	4/19/12
12'x18' ADA TRANSFER PACKAGE #1	CHECKED BY: J. HARRISON	4/19/12
WITH 3'x8' SAFE LAUNCH	DRAWING NO: PKG-TRF1	4/19/12
	SCALE: NOT TO SCALE	(954) 785-7557

AccuDock