

POTENTIAL DEEPWATER HORIZON OIL SPILL RESTORATION PROJECTS:

PROVIDING INFORMATION TO ASSIST WITH PROJECT ASSESSMENT

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

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

St. Andrews Marina Improvements

Contact Information:

Mr. Bill Lloyd, Marina Director

One Harrison Avenue

Panama City, FL 32401

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

St. Andrews Marina, City of Panama City, Bay County, Florida

3151 West 10th Street, Panama City, FL 32401

Latitude: 30.103300 Longitude: -85.421080

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

This project proposes to rehabilitate and improve the St. Andrews Marina in Panama City, Florida. Owned by the City since 1959, this project would improve boater safety through installation of a floating dock and improved signage and parking facilities. The marina is also the center of non-boating activity, acting as a centerpiece for community festivals and a weekly farmer's market.

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

This project will remedy an immediate erosion problem, assess seawall conditions, improve parking, lighting and signage, replace a boat ramp, and construct a new floating dock at a cost of \$313,000, cost estimate attached.

Anticipated Project Outcome with Respect to Screening Criteria

This project will improve safety and expand use of the St. Andrews Marina, furthering the "human use" category of this initiative.

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

This project features standard marina rehabilitation items and is similar to other projects implemented by the City of Panama City.

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

This project will comply with all wildlife and environmental protection requirements specified in their permits.

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

This project will not conflict with any planned response or remediation work.

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

This project will comply with all laws and regulations and will receive any necessary permits in advance of construction.

Anticipated Project Outcome with Respect to Evaluation Criteria

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

This project seeks to remedy the injury to human use caused by the Deepwater Horizon oil spill by improving safety and amenities at a key water access facility.

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

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

The St. Andrews Marina is located off of the Gulf of Mexico which was injured by the Deepwater Horizon Oil Spill. While only a small percentage of the total area of the Gulf was closed to fishing by the spill, the areas closed were fishing areas of the Panama City commercial fleet and also prized fishing locations for charters. This project would benefit users of the Gulf as well as the City of Panama City as it will provide public access for fishing on the pier and also a functional public boat ramp for the residents and tourists of the City of Panama City.

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

The project is currently being designed and could be completed within six months of contract execution.

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

This project is cost effective, costing less than 10% of the construction costs of 60 new boat slips and associated amenities.

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

Proven technologies and construction techniques will be utilized in this project.

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

Marina improvements will expand boating opportunities and safety and will increase human use of the St. Andrews Bay.

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

The St. Andrews Marina is a major source of community pride, serving as the centerpiece of festivals and events. Improvements to the marina have been included in publicly vetted community revitalization plans.

WE WANT YOUR INPUT!

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

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

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

St. Andrews Marina Improvements Cost Estimate

Item	Cost
Erosion Protection	\$4,000
Seawall Assessment	\$18,000
Parking improvements	\$50,000
Boat Ramp improvements	\$30,000
Signage (access & safety)	\$5,000
Lighting Improvements	\$10,000
Dock improvements	\$18,000
Aluminum dock ramp	\$25,000
Concrete floating dock surface	\$120,000
Electrical pedestal (dockside)	\$32,000
Morring hardware	\$1,000
TOTAL	\$313,000

Natural Resource Damage Assessment (NRDA)

Restoration Project Information Sheet

A General Information

Organization City of Panama City			
Contact Name (First Last) Bill Lloyd		Title Marina Director	
Address One Harrison Avenue		City Panama City	State FL
Phone Number (850) 872-7272 ext.		ZIP 32401	
Email blloyd@pcgov.org			
Organization Website www.pcgov.org			

B Project Information

Project Name St. Andrews Marina Improvements			
Location (e.g. John Smith National Wildlife Refuge) St. Andrews Marina, 3151 West 10th Street, Panama City, FL 32401			
State(s) (Use 2-letter abbreviations separated by commas) FL		County/Parish Bay County	Watershed/Basin St. Andrews Bay
Latitude (decimal degrees) 30.1033	Longitude (decimal degrees) -85.42108	Project Size (Choose one) miles acres tons	Affected Area acres

C Project Description

Please provide more information about the proposed project. (Limit 2,750 characters.)

This project proposes to rehabilitate and improve the St. Andrews Marina in Panama City, Florida. Owned by the City since 1959, this project would improve boater safety through installation of a floating dock and improved signage and parking facilities. The marina is also the center of non-boating activity, acting as a centerpiece for community festivals and a weekly farmer's market.

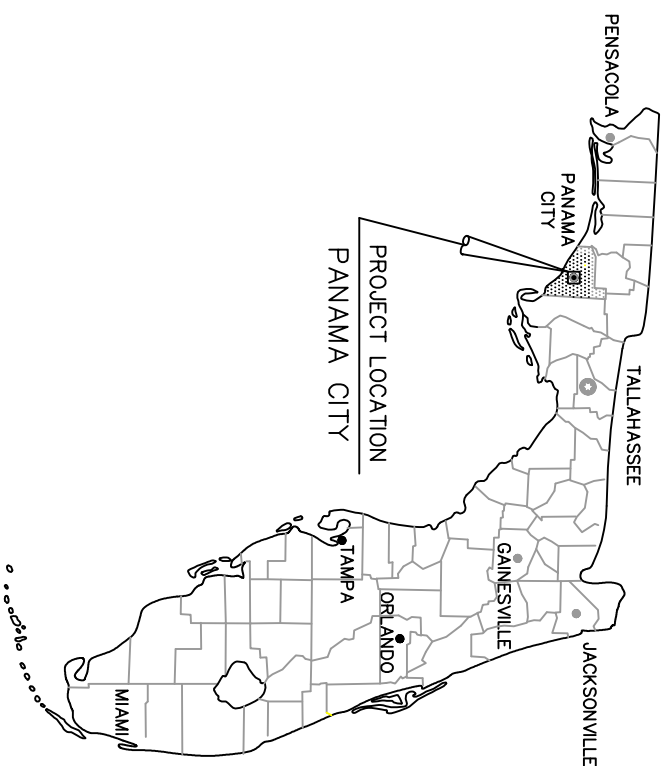
Natural Resource Damage Assessment (NRDA)

Restoration Project Information Sheet *(continued)*

D Project Type(s)	(Check all that apply)	
	☒ Restoration	☐ Debris Removal
	☐ Protection	☐ Land Acquisition
		☐ Maintenance/Management
		☐ Education
E Project Habitat(s)	(Check all that apply)	
	☐ Upland	☐ Marine/Estuarine Wetlands
	☐ Riverine	☐ Freshwater Wetlands
		☒ Beach/Dune
		☒ Subtidal (Nearshore/Offshore)
F Resource Benefit(s)	(Check all that apply)	
	☐ Marine Mammals	☐ Shellfish
	☐ Birds	☐ Terrestrial Wildlife
	☐ Reptiles/Amphibians	☐ Corals
	☐ Fish	☐ Vegetation
		☐ Water Column
		☐ Sediment/Benthos
		☐ Shoreline
		☒ Human Use (Recreational, Cultural)
	Will the project directly benefit State- or Federally-listed species? If so, please list them. If not, please indicate N/A.	
G Project Status	Property/Resource Acquisition N/A	Time to Implementation 0-3 months
	Project Planning/Design In Progress	Time to Project Completion 4-6 months
	Project Permitting. Not Started	
	Is this project included under a regional or statewide plan? If so, please list:	
H Project Costs	Estimated Cost \$313,000.00	Funding Available
I Project Partners	Partner 1 Organization	
	Partner 1 Contact	Partner 1 Involvement
	Partner 2 Organization	
	Partner 2 Contact	Partner 2 Involvement
	Partner 3 Organization	
	Partner 3 Contact	Partner 3 Involvement

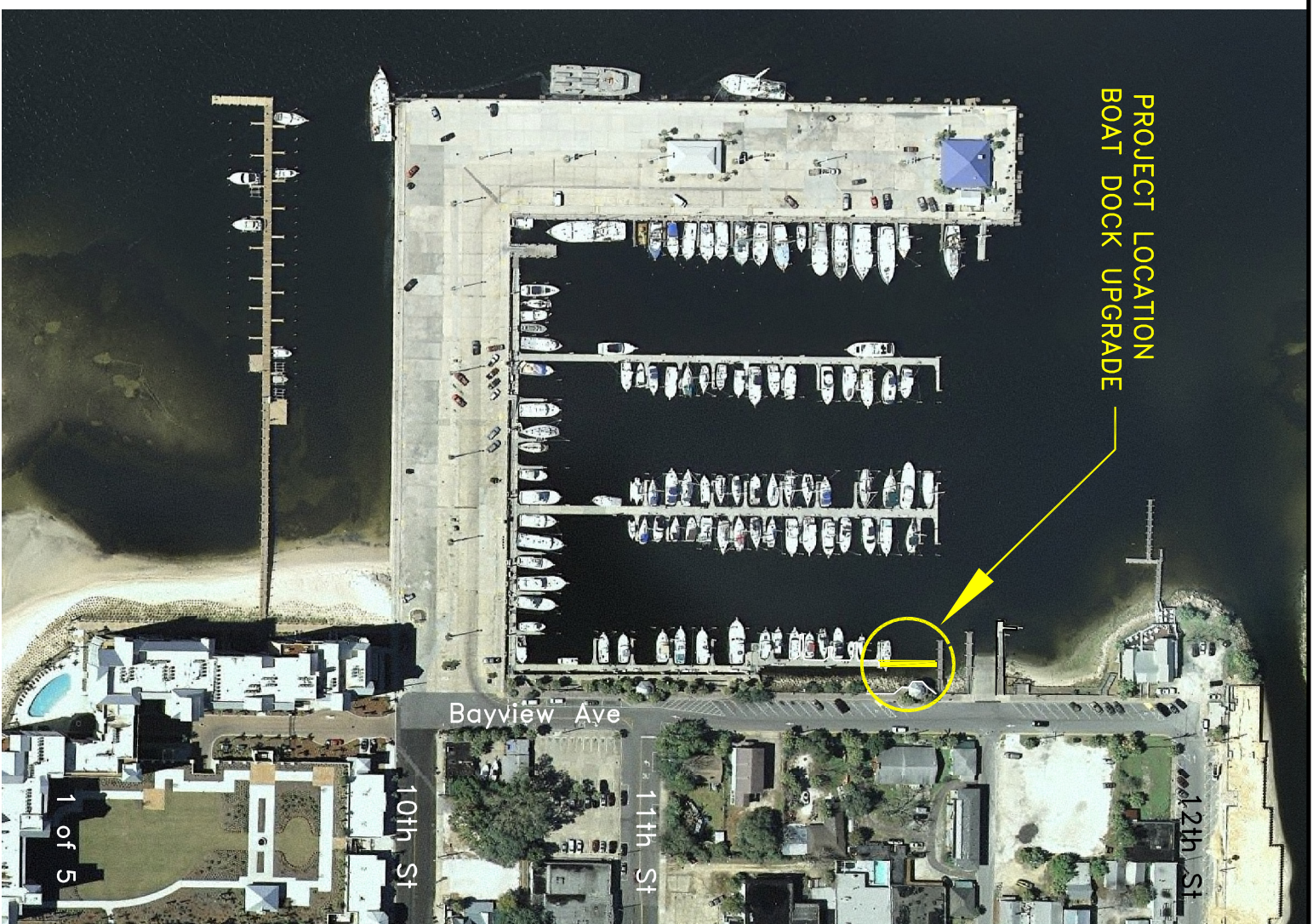
Disclaimer:

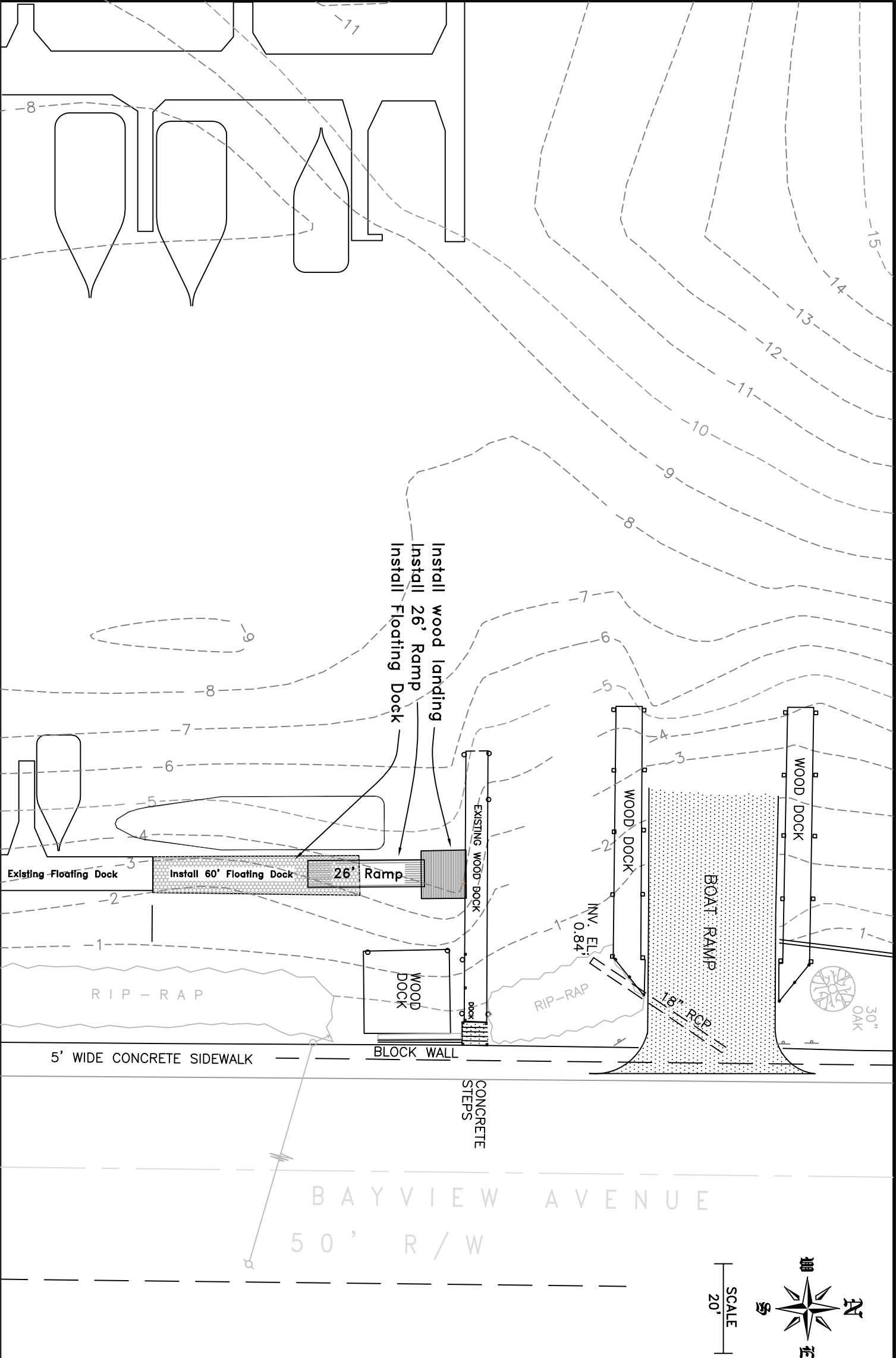
The submission of project information does not guarantee project funding. Projects will be evaluated using criteria identified in OPA, NEPA, implementing regulations, and related laws. Selection and funding determinations will be made by the Trustee Council.



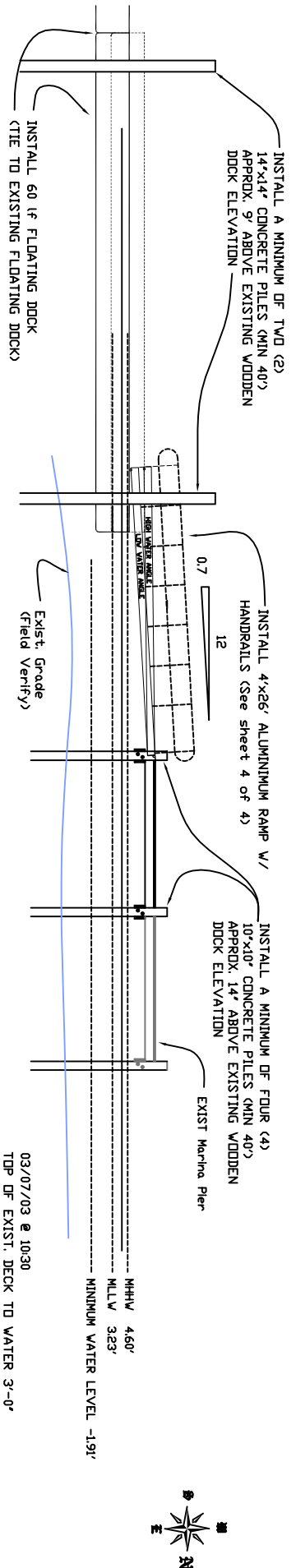
CITY OF PANAMA CITY ENGINEERING DEPARTMENT

PROJECT LOCATION
BOAT DOCK UPGRADE

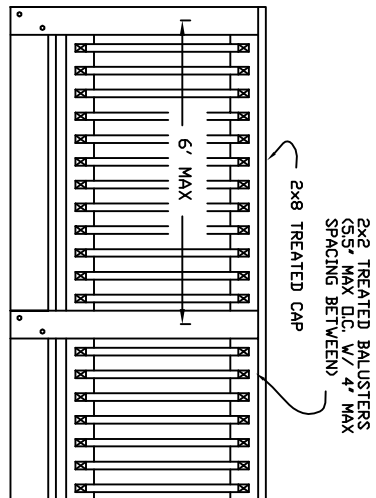
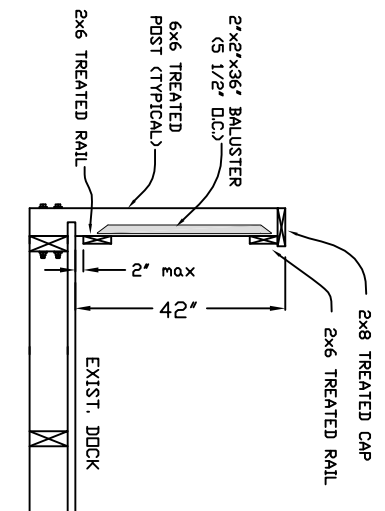




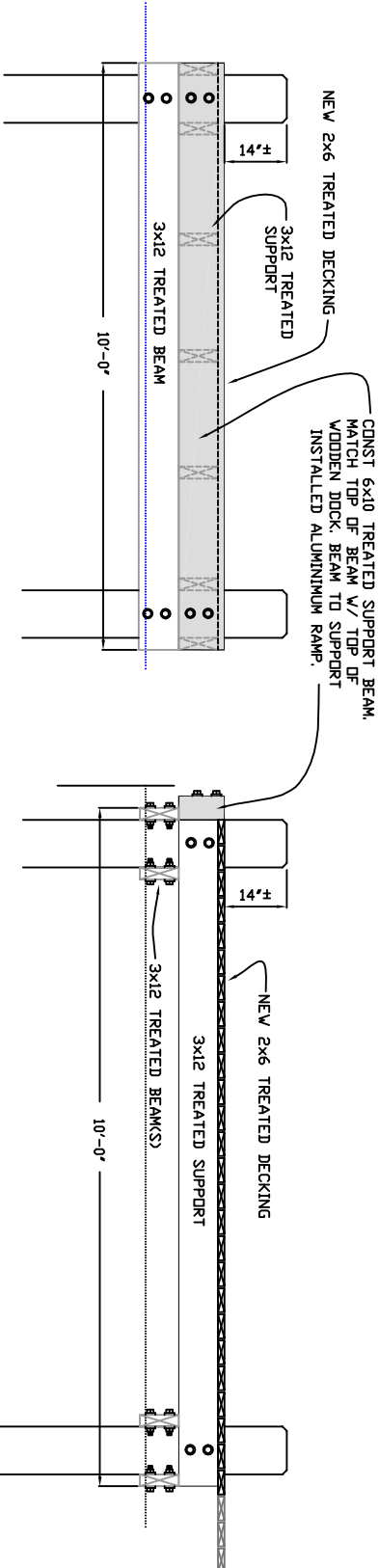
NO.		REVISION		DATE		ISSUED FOR		PANAMA CITY ENGINEERING DEPT.		DESIGNED BY D.F.A.		CHECKED BY M.E.K.		APPROVED		SCALE NOT TO SCALE		CAD DRAWING NAME:	
CITY HALL		P.O. BOX 1880		PANAMA CITY, FL 32402		PH. 872-3015		DESIGNED BY D.F.A.		CHECKED BY M.E.K.		APPROVED		SCALE NOT TO SCALE		CAD DRAWING NAME:		SHEET	
																		2 OF 5	



CROSS SECTION



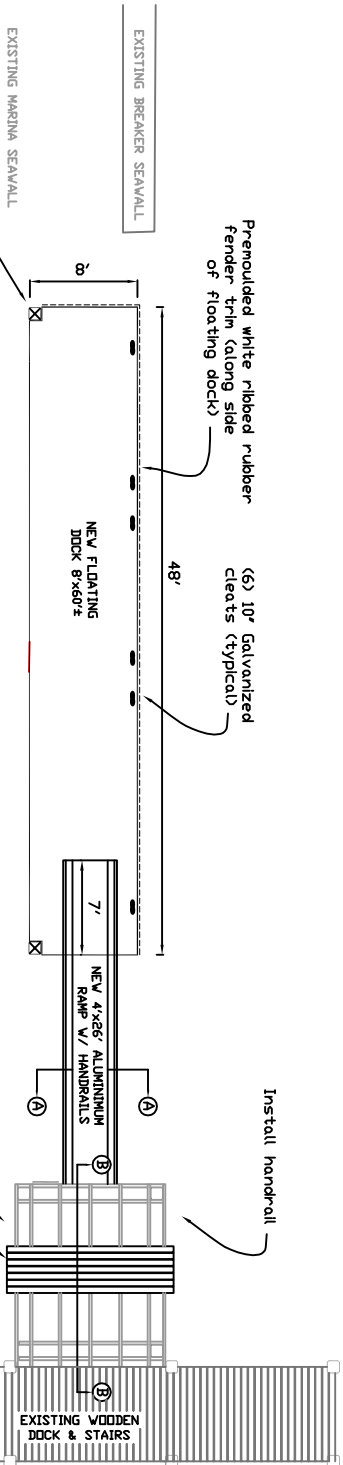
TYPICAL WOOD HANDRAIL ELEVATION



SECT. A-A

- NOTE:
- 1) LUMBER TO BE ROUGH SAWN 2.5# CCA MARINE IN ACCORDANCE W/ AWP/A GUIDELINES. DECK TO BE TREATED 2X6.
 - 2) ALL HARDWARE & FASTENERS TO BE HOT DIPPED GALVANIZED.

SECT. B-B



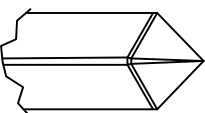
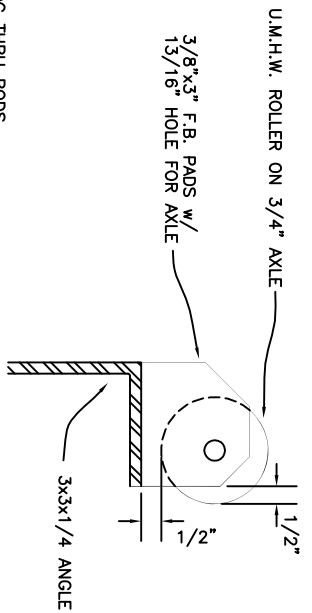
PLAN VIEW

FLOATING DOCK ADDITION

CITY OF PANAMA CITY ENGINEERING DEPARTMENT

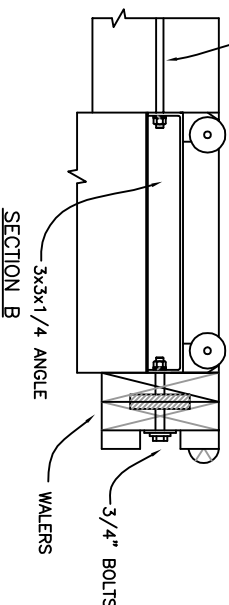
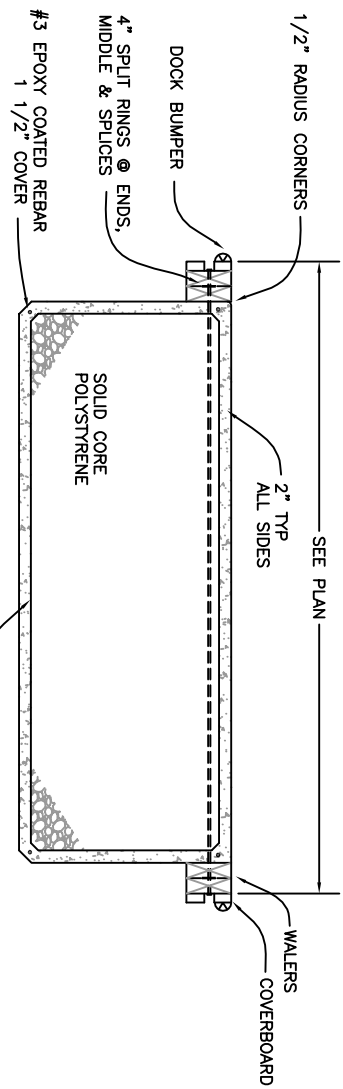


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SCALE	
SHEET	3 of 5

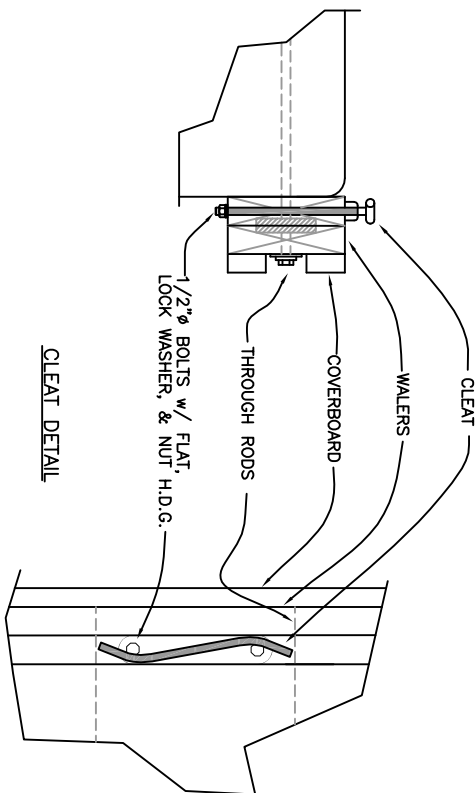
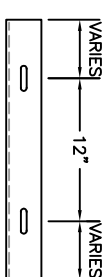


ROLLER DETAIL

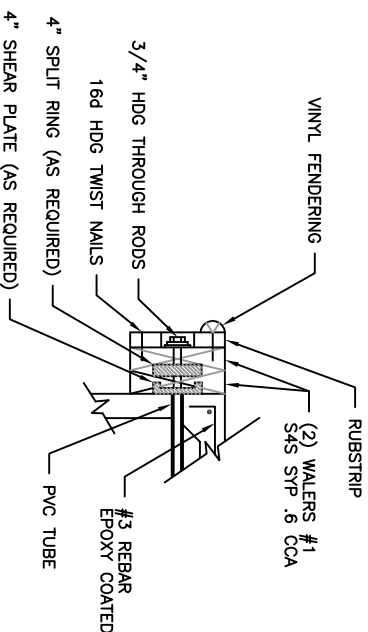
PILE CAP



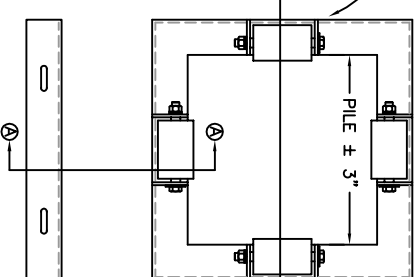
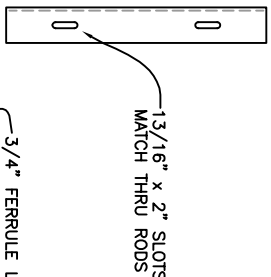
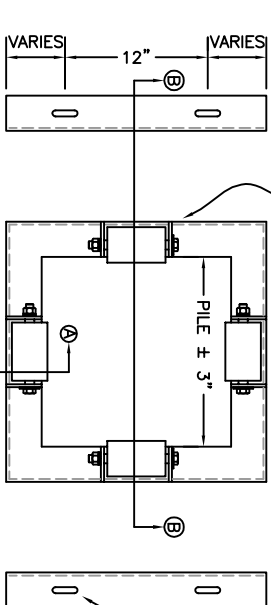
SECTION B



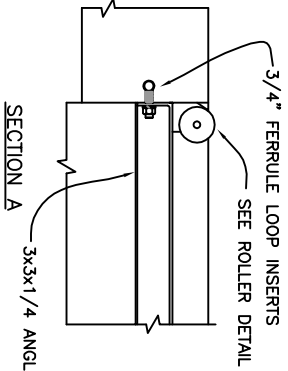
CLEAT DETAIL



DOCK SECTION



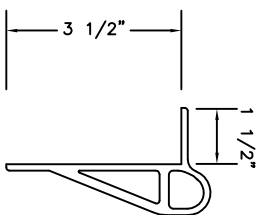
INTERNAL PILE GUIDE



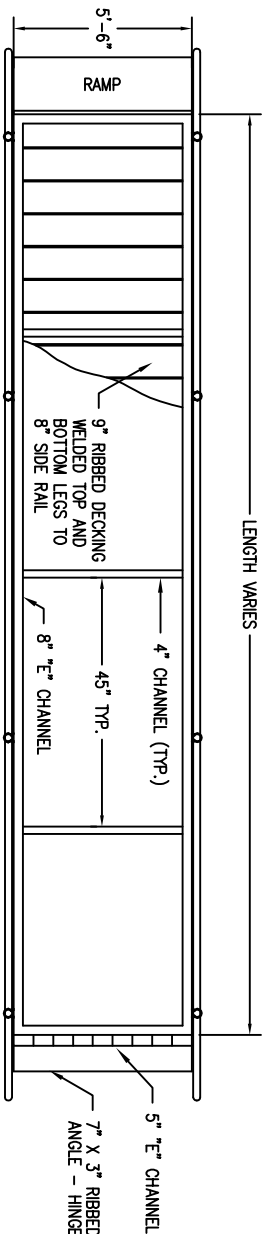
SECTION A

NOTES:
1. THE DETAILS FOR FLOATING DOCKS SHOWN ON THIS SHEET ARE TYPICAL. VARIATIONS ARE EXPECTED BETWEEN THE APPROVED DOCK MANUFACTURERS.
2. ALL WASHERS, NUTS, BOLTS, NAILS AND BRACKETS TO BE (HDG) HOT DIPPED GALVANIZED.

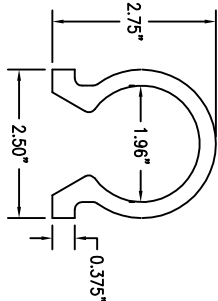
WALE DETAIL



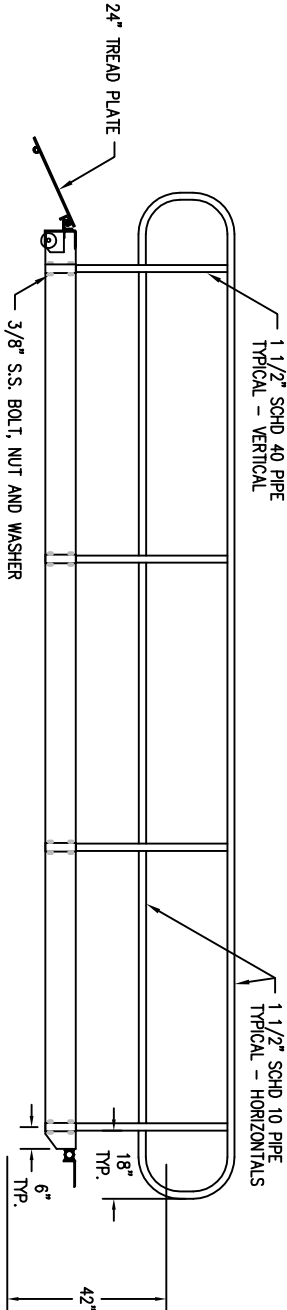
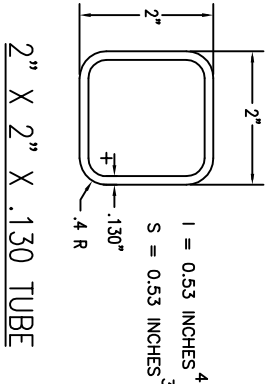
VINYL BUMPER



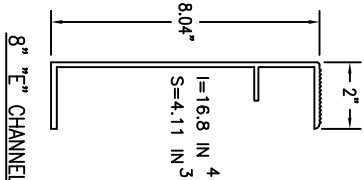
HAND RAIL PLAN VIEW



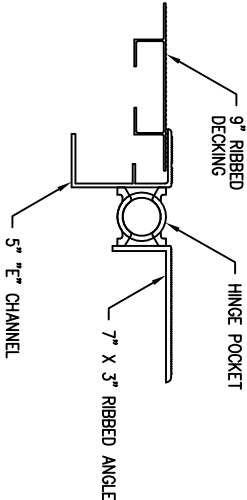
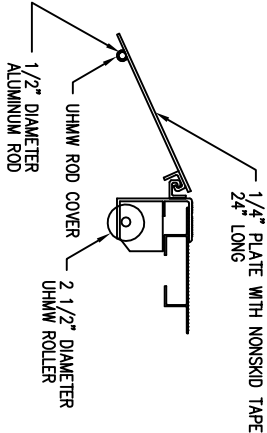
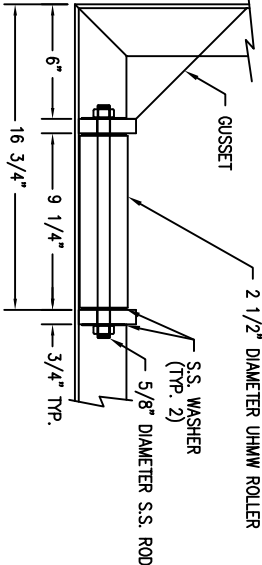
HAND RAIL



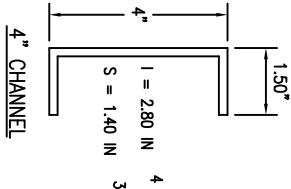
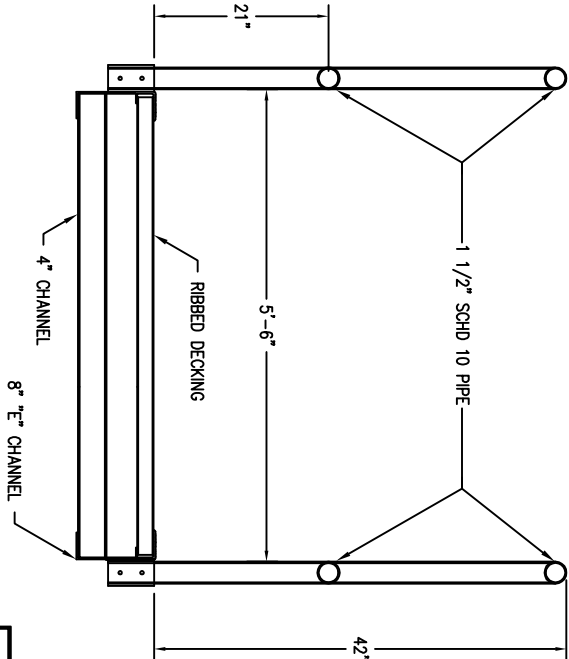
HAND RAIL ELEVATION



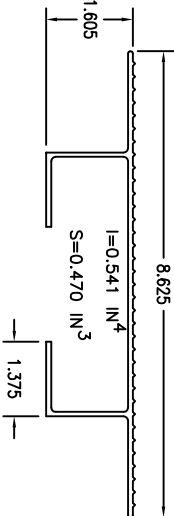
8" E" CHANNEL



HAND RAIL CROSS SECTION



4" CHANNEL



RIBBED DECKING
(LIGHT KNURL TO RUN PERPENDICULAR TO RIBS)