



GMP Proposal

May 20, 2024

Project Number: 21-0008-MA

RFQ Number: 19-22









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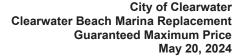
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SECTION ONE SUMMARY OF WORK





May 20, 2024

City of Clearwater Mr. Michael MacDonald 25 Causeway Blvd. Clearwater Florida, 33767

RE: CLEARWATER BEACH MARINA REPLACEMENT (Project: 21-0008-MA / RFQ: 19-22)

Guaranteed Maximum Price (GMP)

Dear Mr. MacDonald,

Thank you for the opportunity to provide Construction Management Services for the new Clearwater Beach Marina Replacement project. Below is an executive summary and all associated clarifications, assumptions and budget values are attached.

PROJECT DESCRIPTION

The Clearwater Beach Marina is an existing 165-slip municipal marina located in the Pier 60 district. The City of Clearwater has operated a Marina at this location since the 1940's and historical aerials confirm the Marina was built prior to 1951 and was expanded to how it essentially exists today by 1965. Over the past 50 years the Marina has been repaired and rehabilitated but never fully replaced. Beach by Design for the Pier 60 District calls for the beautification of this entire District in conjunction with the construction of the Roundabout and for the development of a Pier 60 Plaza as a place of assembly on the Beach. The proposed replacement of the Beach Marina will complete the final stage of this beautification process.

The existing marina offers slips for a variety of boating activities including recreational seasonal and annual leases, commercial charters, and transient boaters and is home to the finest fishing charters, sightseeing tours, and water sports activities. The marina property also offers some great amenities, including restaurants, retail, a mini-mart, four popular restaurants, and marina-focused amenities such as restrooms, showers, and laundry facilities.

The Clearwater Beach Marina Replacement proposes to replace the existing, deteriorating timber docks and associated utilities with a reconfigured and expanded footprint, providing a new timber boardwalk for the commercial slips and sustainable and adaptable floating docks for the recreational and transient end users that will continue to serve the visitors and residents of Clearwater Beach for years to come. The proposed marina replacement maintains the existing slip count and balance between recreational, commercial, and transient end users. In addition to the marina docks and utilities, 1300 linear feet of existing seawall will be replaced and raised to the City's minimum seawall height, and minor upland improvements are proposed to address the needs of the commercial boaters, improve access along the City's marina waterfront, and reduce pedestrian congestion along Coronado Drive.

The project is located on City of Clearwater property and within submerged lands granted to the City by the State of Florida in 1925. To maintain all existing activities at the Beach Marina and not lose any commercial, recreational, or transient boat slips, the replacement must expand out to a larger footprint. The proposed footprint will accommodate the state-of-the art concrete and aluminium floating docks that are designed to replace the transient and recreational, slips. The original footprint of the Marina was restrained by the presence of a Federal Channel that existed just to the south of the existing docks. That segment of the Federal Channel was successfully deauthorized in December 2022 via a Congressional Act supported by the City of Clearwater. The United States Army Corps of Engineers supported that deauthorization for the expansion of the marina footprint. The footprint of the submerged lands deeded to the City in 1925 has never been fully built-out to its full potential. This is the first opportunity for the Beach Marina to do so and become as world-renowned as its Beach.



The following improvements are proposed as part of the proposed Project:

- Replacement of the existing fixed dock marina with a combination of fixed docks for the commercial slips and floating docks for the recreational, transient, fuel, and ferry slips.
- Replacement of the overwater marina utilities (water, sewer, fire water, electrical, fuel) with code-compliant
 utilities serving the needs of modern recreational vessels.
- Seawall replacement along the west and north sides of marina basin and raising the seawall to be above the City's minimum seawall elevation of +5.12' NAVD (+6.0' NGVD, MSL).
- Sidewalk replacement and improvements along the northern edge of the marina property with landscaping, hardscaping, and lighting to activate "Marina Walk" a pedestrian-friendly waterfront promenade that extends the full length of the marina's northern shoreline, connecting Beach Walk to the restaurants and retail along the marina property, and the commercial boating operations.
- Relocation of the existing overwater accessory buildings for the commercial fleets to the uplands in a plaza style setting to address the code required removal of these structures from fixed overwater structures. The creation of the plaza to support the new landward accessory buildings and the resulting reduced Coronado Drive sidewalk congestion requires the reduction of 38 parking spaces within the existing marina parking lot.
- Replacement of the existing over-water fuel office building with a floating building (code compliant) of equivalent size.
- Rehabilitation of a storage room on the south face of the marina building for the marina's new electrical equipment.
- Reconfiguration and reduction of marina parking spaces to accommodate new upland amenities for commercial users.
- ADA compliant docking facility in accordance with the Florida Building Code for Accessibility and the ADA Guidelines for Recreational boating facilities.
- Additional trench drains will be placed where the exiting parking lot meets the new promenade to convey storm water into the existing storm system.
- Additional landscaping to meet current City standards.

VALUE ENGINEERING

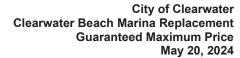
After final design documents were received, all major trades packages were formally issued for bid. Upon receipt of all bids, they were carefully reviewed for accuracy and all specified qualification requirements were verified. The post-bid budget, based on the initial design documents, was \$49,037,675. Since this initial bid budget was significantly over the anticipated budget, an extensive Value Engineering (VE) process was initiated. All aspects of the design were analyzed and a total of 55 VE items were considered in excess of \$7M. Through numerous VE discussions with the City and design team members, \$5.2M of the initial VE list was found to be acceptable. Some of the VE items were found not to be in the City's best interest as they sacrificed long-term durability and functionality.

FINAL GMP AMOUNT: \$43,469,475 (Including all accepted Value Engineering)

Sincerely,

Roderick C. Voigt Executive Vice President

Walerick C. Voig





Encl: Clarifications and Assumptions, GMP Division Summary, VE Summary, Project Schedule

For work performed, invoices shall be submitted to the City of Clearwater, Marine & Aviation Department, Attn: Michael MacDonald, Marine and Aviation Operations Manager. 25 Causeway Blvd. Clearwater Florida, 33767.

	J. KOKOLAKIS CONTRACTING, INC DBA Kokolakis Contracting BY: Roderick C. Voigt Executive VP
	5/20/24
	Date
	CITY OF CLEARWATER, FLORIDA
Approved as to form:	Attest:
David Margolis City Attorney	By: Rosmarie Call City Clerk
Countersigned:	
Bruce Rector Mayor	Jennifer Poirrier City Manager
Date	Date



SECTION TWO GMP SUMMARY



Clearwater Beach Marina Replacement Clearwater Beach, FL May 20, 2024

Guaranteed Maximum Price

CSI Division	Description	Total
010000.01	General Conditions & Staffing	\$1,084,651.00
010000.01	General Requirements- Temp. Provisions, MOT, Safety, Cleanup	\$450,016.00
030000.01	Concrete (In Div. 31 Sitework)	in Div 31
040000.01	Masonry	\$26,495.00
050000.01	Metals	\$101,223.00
060000.01	Wood Framing- Structures	\$284,676.00
060000.02	Hardie Plank Siding	\$202,843.00
060000.03	Counter Tops	\$36,000.00
070000.01	Roofing & Insulation	\$57,299.00
080000.01	Doors and Windows	\$167,327.00
090000.01	Painting & Sealed Concrete	\$65,081.00
100000.01	Shade Structures	\$174,084.00
110000.01	Connections to Future Equipment	\$10,000.00
120000.01	Site Furnishings: benches, Planters and Waste Receptacles	\$377,274.00
130000.01	Monument Sign	\$50,000.00
210000.01	Fire Suppression (In Div. 35)	In Div 35
220000.01	Plumbing (in Div. 35)	In Div 35
230000.01	Heating, Ventilating, and Air Conditioning (In Div. 35)	In Div 35
260000.01	Marine & Upland Electrical	\$5,571,075.00
310000.01	Sitework, Site Utilities, Concrete Plaza	\$1,463,297.00
310000.02	Temporary Causeway Parking	\$109,726.00
320000.01	Landscape, Irrigation & Public Art	\$103,126.00
320000.02	Public Art	\$200,000.00
350000.01	Marine Construction: Floating Docks, Piles and Seawall	\$27,326,651.00
350000.02	Overdredge Material	\$402,904.00
	CMAR Contingency	\$1,000,000.00

TOTAL	\$43,469,475.00
CM Fee	\$2,441,213.00
Performance and Payment Bonds	\$251,846.00
Insurance	\$512,668.00
Subtotal Owner Contingency (2.3%)	\$39,263,748.00 \$1,000,000.00



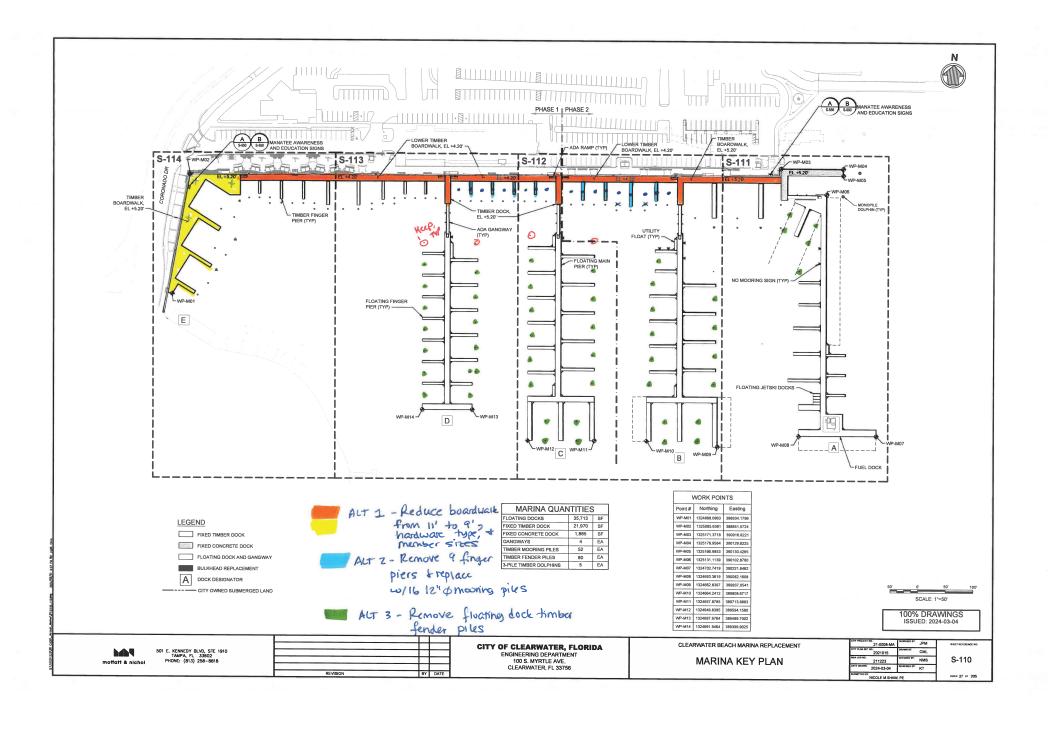
Clearwater Beach Marina Replacement City of Clearwater May 17, 2024

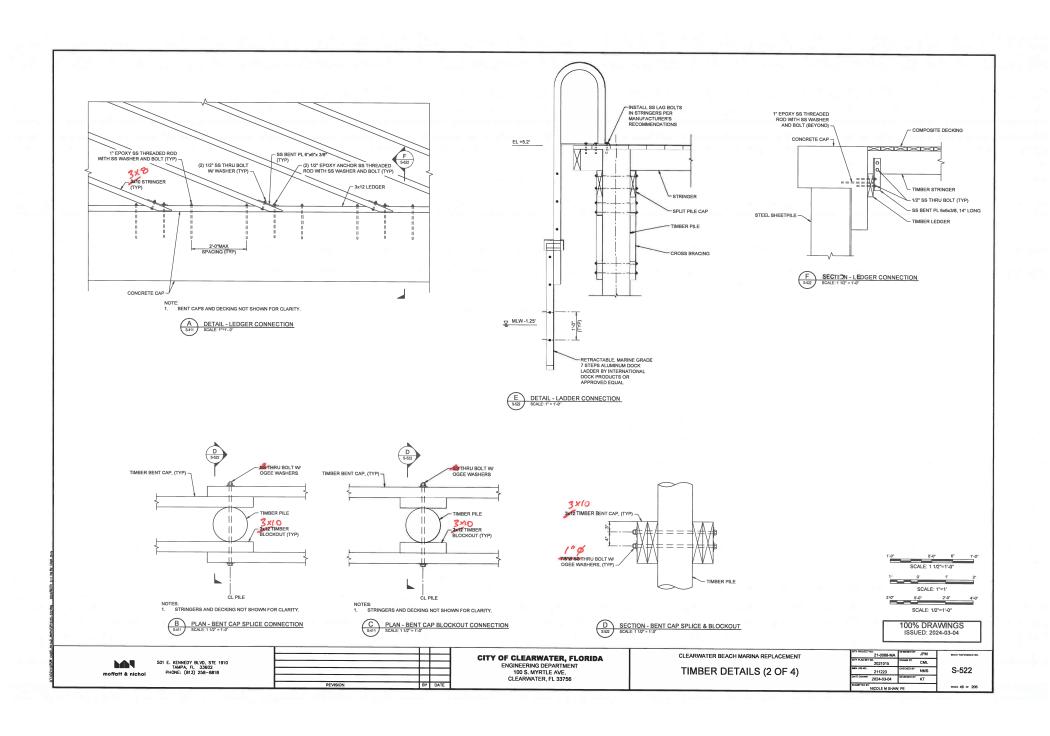
Approved Value Engineering

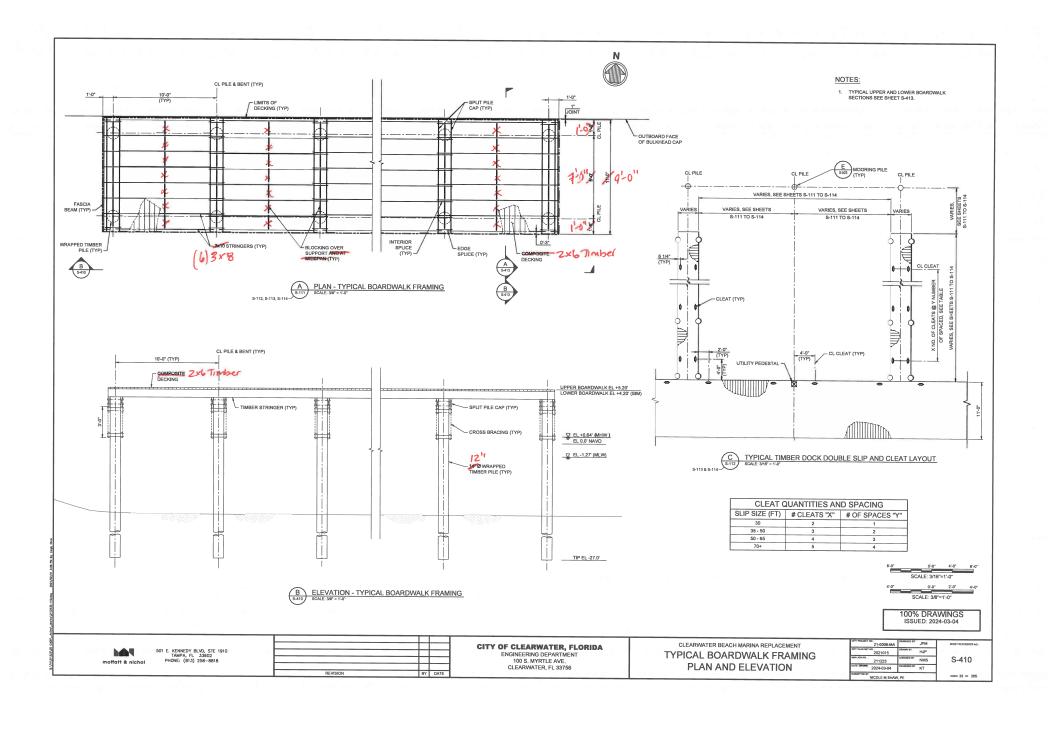
Item Number	Description	Amount		
	ELECTRICAL			
E001	Dock A Cable Routing To Landside At Gangway	(\$62,884)		
E002	Stainless To Polycarbonate Pedestals. On Aluminum Docks Only	(\$9,812)		
E004	Standard Shore Power & Water Configurations (no 30A receptacles for 60' Slips)	(\$43,707)		
E005	Tier 21 To Tier 8 Handholes	(\$50,173)		
E006	Remove Boat EV Charging Station	(\$128,221)		
E007	Remove Boat EV Charging Station Conductors (install Conduit)	(\$73,086)		
E008	SCH 40 PVC Underground / Under Docks w/G Cable in			
E009	3/0 & Larger CP XHHW To AL XHHW	(\$213,934)		
E010	Remove the electrical circuits/conductors to the ice machines since ice machines have been removed from the project. Keep Conduit for One by Bldg.	(\$2,007)		
	KIOSKS			
K002	Change SS Countertops to Solid Surface over 2 Layers of 3/4" PT Plywood	(\$14,718)		
K003	Change from marine-grade wood on buildings to PT.	(\$59,692)		
K004	Delete Permit Fees	(\$95,274)		
K005	Shallow Foundations at Kiosks in lieu of deep. 4" slab			
K006	Change specified Fiberglass Kiosk Doors to Aluminum with standard residential locksets.	(\$98,289)		

	SITE								
S001	Delete S-102 - Free Standing Benches (QTY 5) Delete S-103 - Planter/Bench Combo Type A (QTY 3) Delete S-107 - Multi Level Seating Delete S-108 - Bulkhead Bench(ALL) Delete S-109 - Apex Receptacle (Qty 1) Delete W-101 - Destination Node Seating	(\$249,702)							
S002	Delete Shade Structures- QTY- 3EA (keep foundations)								
S003	Change Plaza sidewalk from as-designed to exposed aggregate.	(\$63,776) (\$5,613)							
S004	Delete Ice Machines	(\$222,993)							
S006									
	MARINE								
M001	Alt 1 (Orange) - Width and Member Size Reduction	(\$57,686)							
M002	Alt 2 (Blue) - Removing Finger Piers Between Docks B & D, Add Mooring Piles	(\$190,664)							
M005	Timber Pile Diameter Reduction from 14" to 12" at Boardwalk Only	(\$36,040)							
M006	(\$340,644)								
M007	at Boardwalk Only M007 Hardware Downgrade from grade 316 to 304								
M010									
M012	Delete Fish Cleaning Stations as noted	(\$68,102)							
M013	Reduce Base Dredge Amounts by 623 CY per drawing.	(\$60,533)							
M014									
	Recreational Floating Docks - B, C and D - ALUMINUM:								
Dock BCD-001	Change Docks B, C & D Docks from concrete to heavy duty aluminum.	(\$1,916,681)							
Dock BCD-002	(\$277,594)								
Dock BCD-003	(\$71,712)								
	Fuel Dock - A Dock:								
Dock A-007	Dock-A: Remove 4ea jet ski Docks	(\$5,575)							
Dock A-008	Dock-A: Change hardware from 316L to 304 stainless	(\$11,150)							

TOTAL (\$5,168,447)







DESIGN CRITERIA

- 1. GRAVITY LOADS
- A. 100 PSF UNIFORM LIVE LOAD BEHIND BULKHEAD, BULKHEAD HAS NOT BEEN DESIGNED FOR CONSTRUCTION LOAD EQUIPMENT.
- 100 PSF UNIFORM LIVE LOAD ON FIXED DOCKS.
 50 PSF UNIFORM LIVE LOAD ON FLOATING DOCKS.
- D. 400 LB CONCENTRATED LOAD ON FIXED DOCKS AND FLOATING DOCKS.
- 2. HYDROSTATIC LOAD
- A. 2' HYDROSTATIC HEAD DIFFERENTIAL WATER LEVEL ON PASSIVE SIDE OF BULKHEAD AT MILLW.
- 3. CURRENT LOAD
- A. CONCRETE DOCK
 - OPERATIONAL 1.0 FPS
- NON-OPERATIONAL- 3.8 FPS
- B. A DOCK
 OPERATIONAL 1.0 FPS
- NON-OPERATIONAL 3,0 FPS
- C. B TO D DOCKS AND FIXED TIMBER DOCK OPERATIONAL - 0.5 FPS
- NON-OPERATIONAL- 1.0 FPS
- 4. WIND LOADS
- OPERATIONAL WIND SPEED OF 76 MPH (3-SECOND GUST) FOR OCCUPIED CONDITIONS (WITH VESSELS IN PLACE)
- B. NON-OPERATIONAL WIND SPEED OF 122 MPH (3-SECOND GUST) FOR OCCUPIED CONDITIONS (WITH VESSELS IN PLACE).
- C. NON-OPERATIONAL WIND SPEED OF 146 MPH (3-SECOND GUST) AS REQUIRED BY LOCAL BUILDING CODE FOR UNOCCUPIED CONDITIONS (WITHOUT VESSELS IN PLACE).
- A. OPERATIONAL WAVE LOAD (10-YEAR RETURN)
 Hs = 2.0 FT

 - T = 2.5 SECONDS
- B. NON-OPERATIONAL WAVE LOAD HAS (50-YEAR RETURN)
 - HS =3.9 FT
 - T = 3.4 SECONDS
- SEE TECHNICAL SPECIFICATIONS FOR FLOATING DOCK ENVIRONMENTAL DESIGN CRITERIA.
- COATED STEEL PILING DESIGNED TO ACCOUNT FOR A SECTION LOSS DUE TO CORROSION FOR 50 YEAR DESIGN LIFE PER THE FOLLOWING:
- 15 YEAR COATING DESIGN LIFE
- B. 0.119" SECTION LOSS FOR REMAINING 35 YEARS FOR COATED STEEL IN SPLASH ZONE
- C. 0.056" SECTION LOSS FOR REMAINING 35 YEARS FOR COATED STEEL IN IMMERSION ZONE
- 8. DESIGN CODES AND STANDARDS (LATEST EDITION)
- A. FLORIDA BUILDING CODE (2020).
 B. AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-19).
- C. AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL. 16TH EDITION
- AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE (AWS D1.6).
- E. AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-16).
- F. AMERICAN SOCIETY OF CIVIL ENGINEERS PLANNING AND DESIGN GUIDELINES FOR SMALL
- AMERICAN SOCIETY OF CIVIL ENGINEERS PLANNING AND DESIGN QUIDELINES FOR SMALL CRAFT HARBORS (ASCE 50).
 UFC 3-220-10N GEOTECHNICAL ENGINEERING PROCEDURES FOR FOUNDATION DESIGN OF BUILDINGS AND STRUCTURES.
- H. FDOT 2023 ROAD & BRIDGE STANDARD SPECIFICATION.
- I. UFC 4-157-07 MAINTENANCE OF WATERPROOF FACILITIES.

CONCRETE & REINFORCING STEEL

- CIP CONCRETE FOR MARINE APPLICATIONS SHALL BE FDOT APPROVED CLASS IV CONCRETE MIX WITH A MINIMUM 5,500 P3I 28 DAY COMPRESSIVES STRENGTH, REFER TO SPECIFICATIONS FOR FLOATING DOCKS AND UPLAND CONCRETE STRUCTURES.
- REINFORCING STEEL AND DOWELS SHALL BE IN ACCORDANCE WITH ASTM A615 GRADE 60 OR ASTM A706, GRADE 60 (UON). REINFORCING STEEL TO BE WELDED SHALL BE ASTM A 706.
- 3. ALL CONCRETE MATERIALS, REINFORCEMENT, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION 346, 400, AND 415 UNLESS OTHERWISE NOTED
- 4. ALL CONCRETE SHALL BE A NORMAL WEIGHT CONCRETE (145 pcf).
- ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, ACI 315 AND A. 2013. REINFORCING STEEL SHOP DRAWINGS SHALL BE SUBMITTED AND APPROVED PRIOR TO USE IN CONSTRUCTION.
- ALL CEMENT SHALL CONFORM TO ASTM C 150, TYPE II FOR AN EXTREMELY AGGRESSIVE ENVIRONMENT, WITH SLAG OR FLY ASH. MAXIMUM W/C RATIO IS 0.41.

- 7. CIP CONCRETE SHALL CONTAIN CORROSION INHIBITING ADMIXTURE. EUCON CIA OR APPROVED
- 8. CIP CONCRETE SHALL CONTAIN XYPEX ADMIXTURE OR APPROVED FOUAL
- 9. AGGREGATE SHALL CONFORM TO ASTM C 33, NO 57, UON
- PROVIDE CLASS 4 DECK FINISH FOR BULKHEAD CAP AND FIXED DOCK IN ACCORDANCE WITH FDOT SPECIFICATIONS 400-12.2.5, EXCEPT WITHOUT GROOVES. PROVIDE LIGHT BROOM FINISH.
- 11. MINIMUM CONCRETE CLEAR COVER FOR REINFORCEMENT, 3" UON.
- 12. PROVIDE 3/4" CHAMFERS ON ALL EXPOSED EDGES AND CORNERS, UON
- CONTRACTOR SHALL REPAIR ALL SURFACE BLEMISHES IN CONCRETE WITHIN 24 HOURS AFTER FORM REMOVAL.
- 14. ALL CONCRETE WORK, PLACEMENT MEANS, AND METHODS SHALL BE IN ACCORDANCE WITH ACI 304-10, 308-01, 308.1-11 & 347R-03.
- 15. PROVIDE CONSTRUCTION JOINTS IN CONCRETE BULKHEAD CAP POURS AT 30 FEET SPACING, CONTINUOUS POUR LENGTH SHALL NOT EXCEED 30 FEET. FRESH CONCRETE SHALL NOT BE PLACED AGAINST HARDENED CONCRETE THAT IS LESS THAN 7 DAYS OLD. CONSTRUCTION JOINT KEYS GHALL BE 2 INCH BY 4 INCH.
- 16. ALL CONSTRUCTION JOINTS BETWEEN CAST IN PLACE CONCRETE AND BETWEEN PRECAST TO CAST IN PLACE CONCRETE TO BE CLEANED WITH A ROUGHENED SURFACE OF 1/4" AMPLITUDE AND BONDED WITH EPRLY BONDING AGENT.
- 17. ALL DIMENSIONS PERTAINING TO LOCATION OF REINFORCING ARE CENTER TO CENTER LINE OF BARS EXCEPT WHERE THE CLEAR DIMENSION IS SHOWN TO FACE OF CONCRETE.
- 18. METAL OR BRICK CHAIRS ARE NOT ALLOWED AND NO METAL SHALL PROTRUDE FROM SURFACE
- CURE CONCRETE USING CONTINUOUS MOISTURE FOR MINIMUM 7 DAYS IN ACCORDANCE WITH FOOT SPECIFICATION 400-16.1 AND 400-16.2. CURING COMPOUND SHALL NOT BE CONSIDERED A SUBSTITUTE OF CONTINUOUS MOISTURE.
- 20. NON SHRINK GROUT SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION 934
- 21. EPOXY BONDING COMPOUNDS SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION 926
- 22. LAP SPLICES SHALL BE MINIMUM CLASS "B" LAP SPLICES, ALL REINFORCING BAR SPLICES AND HOOKS SHALL BE IN ACCORDANCE WITH ACI 318 LINEESS OTHERWISE INDICAT

CLASS B MINIMUM									
LAP SPLICE SCHEDULE									
BAR SIZE TOP BOTTO									
#3	1'-9"	1'-4"							
#4	2'-3"	1'-9" 2'-2" 2'-8"							
#5	2'-10"								
#6	3'-5"								
#7	5'-0"	3'-10"							
#8	5'-8"	4'-5"							

- 23. ALL WELDING OF REINFORCING STEEL SHALL CONFORM TO AWS D1.4
- 24. REFER TO TECHNICAL SPECIFICATIONS FOR CONCRETE FLOATING DOCKS.

PILE DRIVING REQUIREMENTS

1. PILE SERVICE LOADS

STRUCTURE	PILE TYPE	COMPRESSION (TON)	TENSION (TON)	LATERAL (TON)
CONCRETE DOCK	18' X 0.625" STEEL PIPE PILE	27	5.0	4.5
MONOPILE DOLPHIN	30' X 0.875" STEEL PIPE PILE	-	-	40.0
3-PILE DOLPHIN	(3) 14" TIMBER PILE GROUP	-	-	8.0
BOARDWALK	14" TIMBER PILE	6.0		
FINGER PIER	12" TIMBER PILE	2.5	1.0	1.0
FINGER PIER	14" TIMBER PILE	2.5	1.0	2.1
MOORING PILE	12" TIMBER PILE	-	-	1.0
MOORING PILE	14" TIMBER PILE		-	1.5

- * GUIDE PILE SERVICE LOADS TO BE DETERMINED BY DOCK MANUFACTURER
- FACTORS OF SAFETY OF 2.0 FOR COMPRESSION AND 3.0 FOR TENSION SHALL BE USED FOR CALCULATING ULTIMATE LOADS.

- 3. PILING SHALL BE DRIVEN TO THE MINIMUM EMBEDMENT DEPTHS SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY PILES THAT DO NOT REACH THE REQUIRED TIP ELEVATION.
- 4. NO JETTING ALLOWED. SEE GEOTECHNICAL REPORT FOR DRIVING REQUIREMENTS.
- 5. CONTRACTOR SHALL MONITOR VIBRATIONS PER FDOT SPECIFICATION 108
- 6 PILE DRIVING TOLERANCES:
- A. TOP OF PILE AT CUTOFF ELEVATION SHALL BE WITHIN 3" HORIZONTALLY AND 2" VERTICALLY OF PLAN LOCATION. MANIPULATION OF PILES TO FORCE THEM INTO POSITION MILL NOT BE
- PILES SHALL BE PLACED PLUMB WITH OUT-OF PLUMBNESS NOT EXCEEDING 1/4" PER FOOT OF
- C. CHECK ALL PILE FOR HEAVE. RE-DRIVE ALL HEAVED PILES TO THE TIP ELEVATION INDICATED.
- 7. DRIVE PILING IN ACCORDANCE WITH TECHINICAL SPECIFICATIONS
- 8. THE CONTRACTOR SHALL TAKE ADDED PRECAUTIONS TO MINIMIZE DAMAGE TO THE PILING COATING SYSTEMS DURING DRIVING AND ALSO DURING CONCRETE PLACEMENT. IF REQUIRED, REPAIRS TO THE PILING COATING SYSTEM SHALL BE MADE AS SOON AS POSSIBLE AFTER THE DAMAGE OCCURS. SUBMIT REPAIR METHODS FOR PRE-APPROVAL TO MINIMIZE SITE DELAYS.
- 9. PILE DRIVING LOGS SHALL BE MAINTAINED AND SUBMITTED FOR ALL PILES.
- 10. THE CONTRACTOR SHALL SUBMIT PILE HAMMER DATA FOR REVIEW BY THE ENGINEER.
- 11. CONTRACTOR SHALL COORDINATE PILE DRIVING SCHEDULE SO AS NOT TO INTERFERE WITH OR BE DETRIMENTAL TO THE CONCRETE PLACEMENT AND CURING. DO NOT DRIVE PILES WITHIN 100' OF UNCURED CONCRET
- 12. CONTRACTOR SHALL SUBMIT LAYOUT OF WALL SYSTEM ENSURING REST FIT TO DESIGN ALIGNMENTS TO ENGINEER FOR REVIEW.
- 13. CONTRACTOR SHALL SUBMIT PROPOSED CONSTRUCTION SEQUENCING PLAN DETAILING INSTALLATION TECHNIQUES, QUALITY CONTROL, EQUIPMENT AND CONSTRUCTION PHASING TO THE ENGINEER FOR REVIEW PRIOR TO INITIATING CONSTRUCTION.
- 14. CONTRACTOR SHALL PERFORM A MINIMUM OF ONE(1) AXIAL LOAD TEST ON A CONCRETE DOCK STEEL PIPE PILE. TEST SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATIONS AND TEST LOCATIONS SHALL BE SUBMITTED TO THE CONNECTS FOR APPROVAL PIROT OT TESTING.
- 15. CONTRACTOR TO LOCATE EXISTING TIE RODS AND DEADMAN WITHIN LIMITS OF WORK AND NOTIFY ENGINEER OF ANY CONFLICTS
- 16. CONTRACTOR SHALL BE PREPARED TO DRIVE PILING THROUGH LIMESTONE LAYERS, REFER TO GEOTECHNICAL REPORT AND TECHNICAL SPECIFICATIONS FOR SOIL CONDITIONS AND PREDRILLING RECOMMENDATIONS.
- 17. CONTRACTOR SHALL MONITOR VIBRATIONS DURING PILE INSTALLATION WITHIN 100 FEET OF THE EXISTING MARINA BUILDING AND THE BAIT HOUSE RESTAURANT IN ACCORDANCE WITH FOOT STANDARD SPECIFICATION IOB, A PRECONSTRUCTION SURVEYOF OF THE MARINA BUILDING SHALL BE CONDUCTED IN ACCORDANCE WITH FOOT STANDARD SPECIFICATION 108-21.4. IF VIBRATION LEVELS EXCEED 6.5 MICHES PRE SECOND, MINEDATELY STOP PILE INSTALLATION, NOTIFY ENGINEER, AND PROVIDE A CORRECTIVE ACTION PLAN FOR ACCEPTANCE BY THE ENGINEER THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THE BUILDING RESULTING FROM PILE DRIVING OPERATIONS, CONTRACTOR SHALL PROVIDE PLAN FOR VIBRATION MONITORING TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO DILE INSTALL

STRUCTURAL AND MISCELLANEOUS STEEL

- ALL STEEL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE AISC SPECIFICATIONS FOR GN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. ALL WELDING SHALL CONFORM TO AWS D1.6.
- 2. STEEL SHEET PILING SHALL BE NUCOR HOT-ROLLED Z-TYPE SHEET PILING OR APPROVED EQUAL CONFORMING TO ASTM A 572 GRADE 60
- STEEL SHEET PILING AND STEEL PIPE PILING FOR FIXED CONCRETE DOCK SHALL BE COATED
 WITH SHERWIN-MILLIAMS TARGUARD OR APPROVED EQUAL. COAT OUTSIDE SURFACE OF PIPE
 PILING AND WATERSIDE FACE OF THE BULK-HAD SHEET PILING FROM TOP OF PILE TO 5 FEET
 BELOW MUDLINE. COAT IN ACCORDANCE WITH SPECIFICATIONS.
- COMPRESS, M:- ALL BOLTS SHALL CONFORM TO ASTM F F593, ALLOY GROUP 2, CONDITION CW.
 - 5. ALL PLATES SHALL CONFORM TO ASTM A240, TYPE 316L.
 - 6. ALL NUTS SHALL CONFORM TO ASTM F594, ALLOY GROUP 2 CONDITION CW.
 - 7. ALL THREADED RODS, BOLTS, AND WASHERS SHALL BE TYPE 316SS
 - 8. STEEL PIPE PILES SHALL CONFORM TO ASTM A252, TYPE 3 MODIFIED (GRADE 60).

HDG Hardware. ALT A 307 bolts/nuts A 36 plates Galv per A123 /A153

> 100% DRAWINGS ISSUED: 2024-03-04

moffatt & nichol

501 E. KENNEDY BLVD, STE 1910 TAMPA, FL 33602 PHONE: (813) 258-8818

DE/46/ON	DV	DATE

CITY OF CLEARWATER, FLORIDA ENGINEERING DEPARTMENT CLEARWATER, FL 33756

Axial

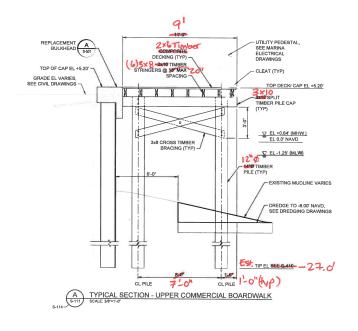
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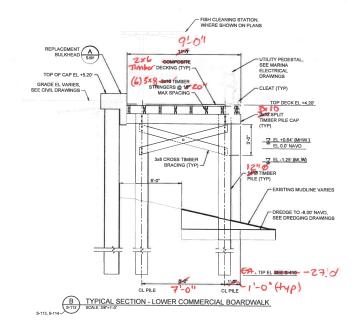
CLEARWATER BEACH MARINA REPLACEMENT

STRUCTURAL NOTES (1 OF 2)

21-0008-MA	DESIGNED BY	JPM	SHEET REFERENCE I
2021015	DRAWN BY	CML	
211223	CHECKED BY	NMS	S-001
2024-03-04	REMEWED BY	KT	
NICOLE M SHAW	V, PE		MOEX 21 of 20

1. SEE S-521 THROUGH S-524 FOR TIMBER CONNECTION DETAILS.





4'-0" 0'-0" 2'-0" 4'-0" SCALE: 3/8"=1'-0"

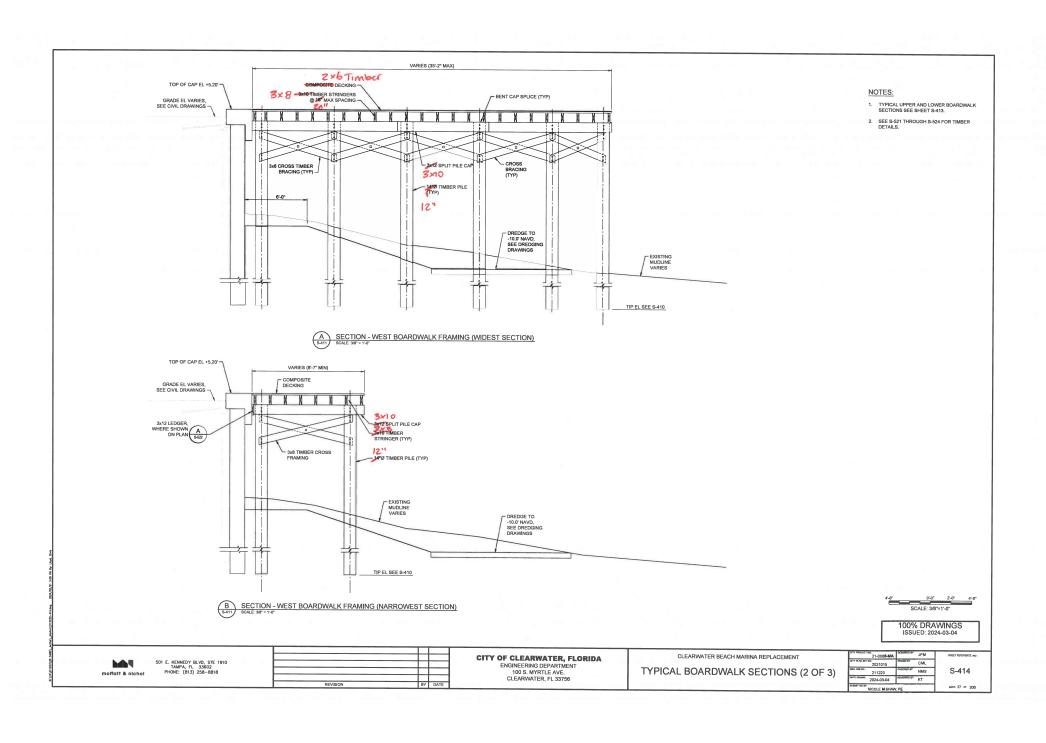
> 100% DRAWINGS ISSUED: 2024-03-04

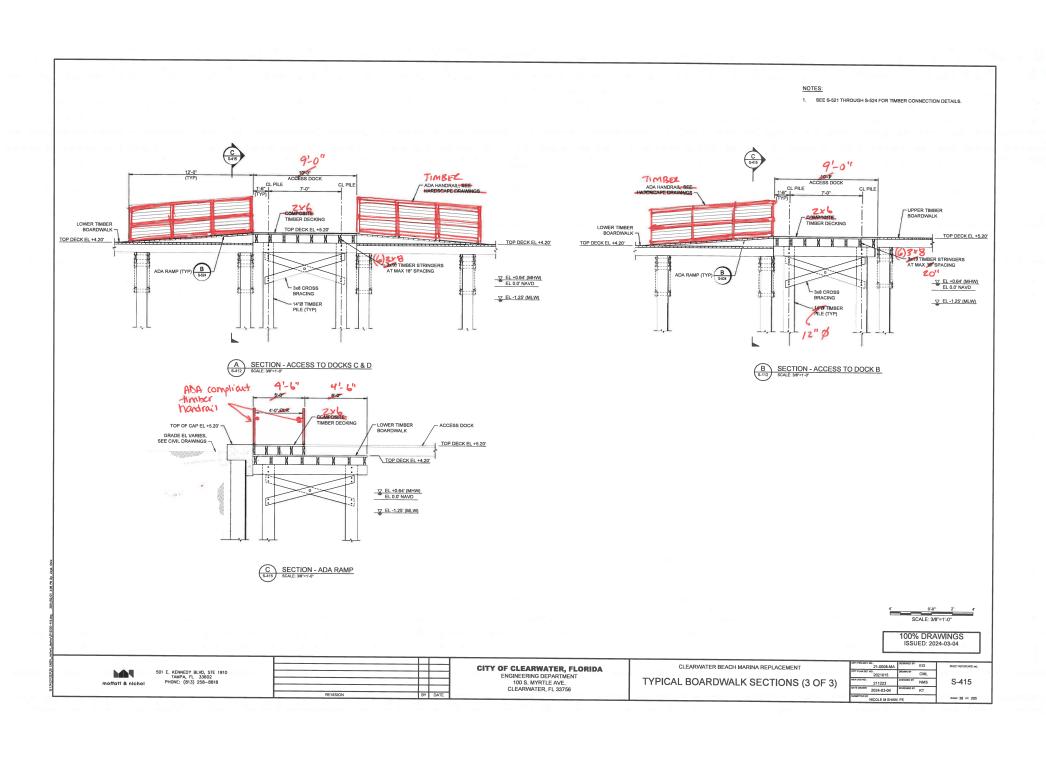
moffatt & nichol

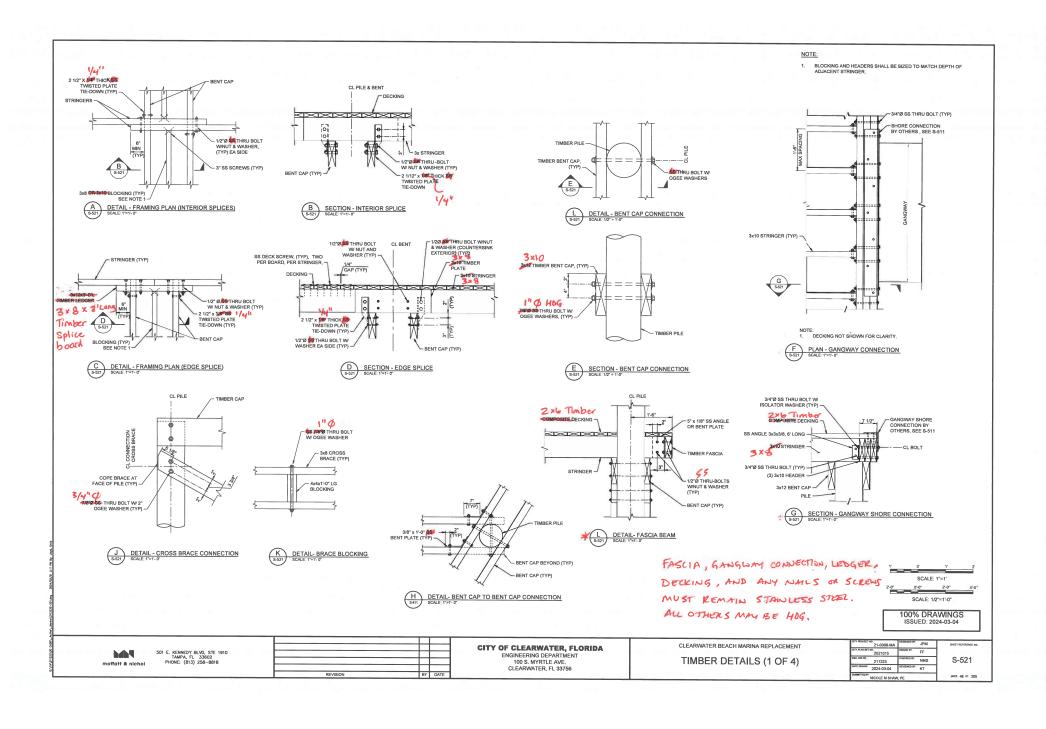
501 E. KENNEDY BLVD, STE 1910 TAMPA, FL 33602 PHONE: (813) 258-8818 REVISION BY DATE

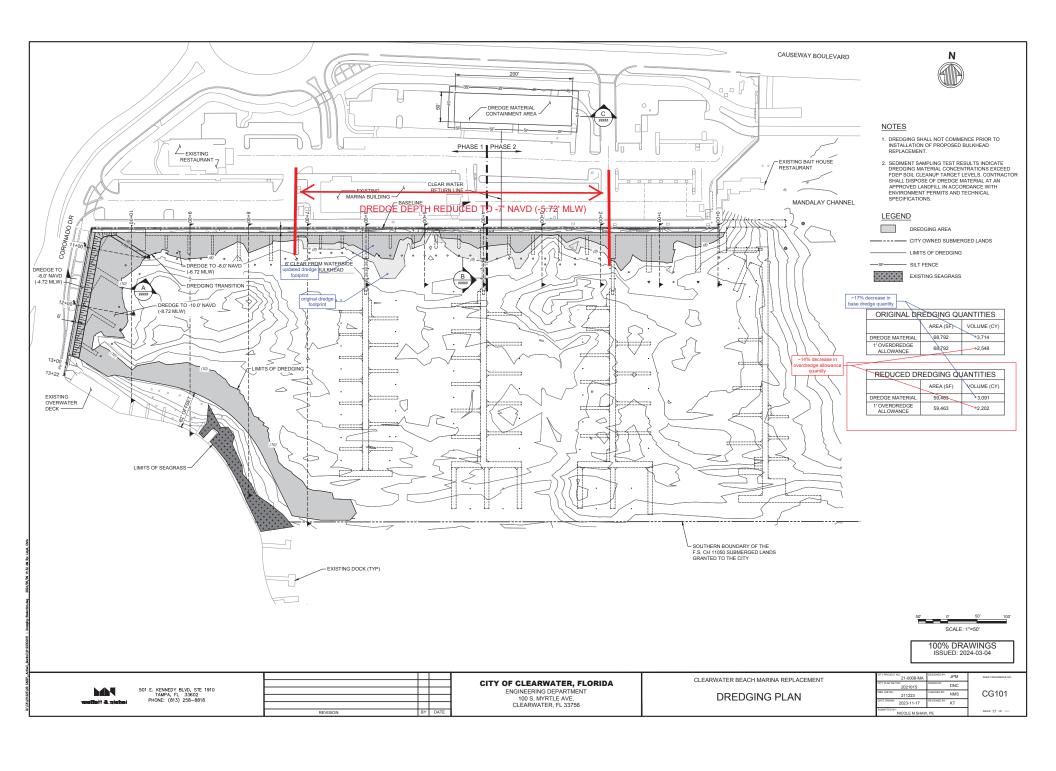
CITY OF CLEARWATER, FLORIDA ENGINEERING DEPARTMENT 100 S. MYRTLE AVE. CLEARWATER, FL 33756 CLEARWATER BEACH MARINA REPLACEMENT
TYPICAL BOARDWALK SECTIONS (1 OF 3)

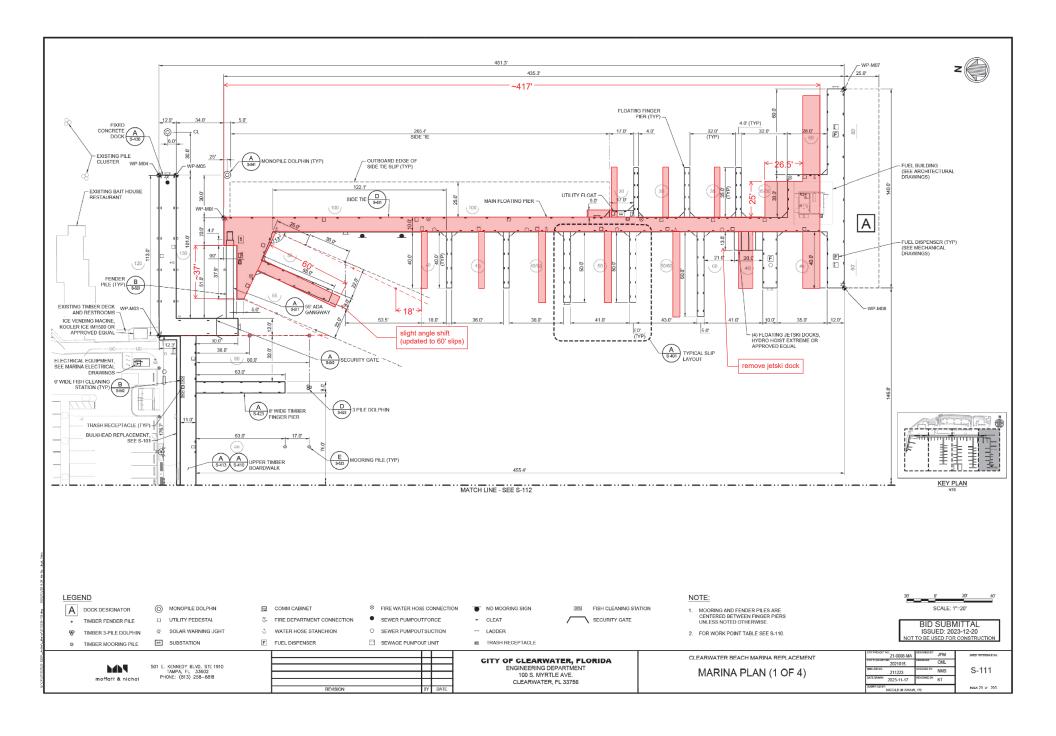
-	NICOLE M SHAW	, PE		MOEX 36 or 205
ľ	2024-03-04	REVIEWED BY	KT	
L	211223	CHECKED BY	NMS	S-413
L	TTY PLAN SET NO. 2021015	CHENNAN GA.	CML	
L	21-0008-MA	DESIGNED BY	JPM	SHEET REFERENCE NO.

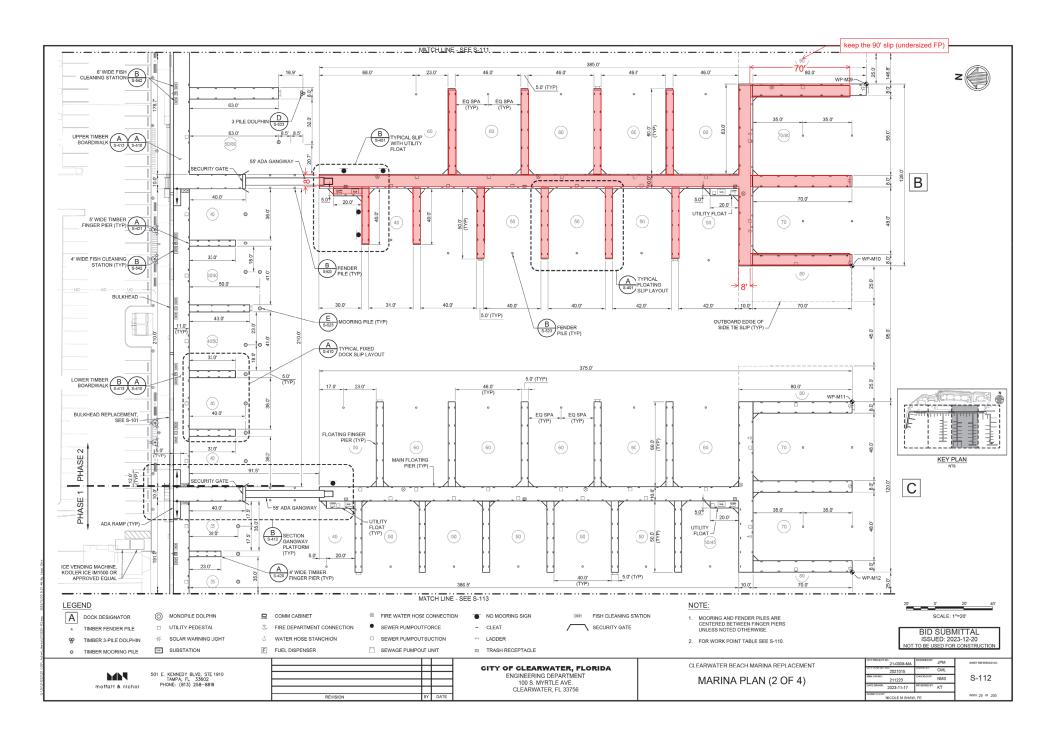


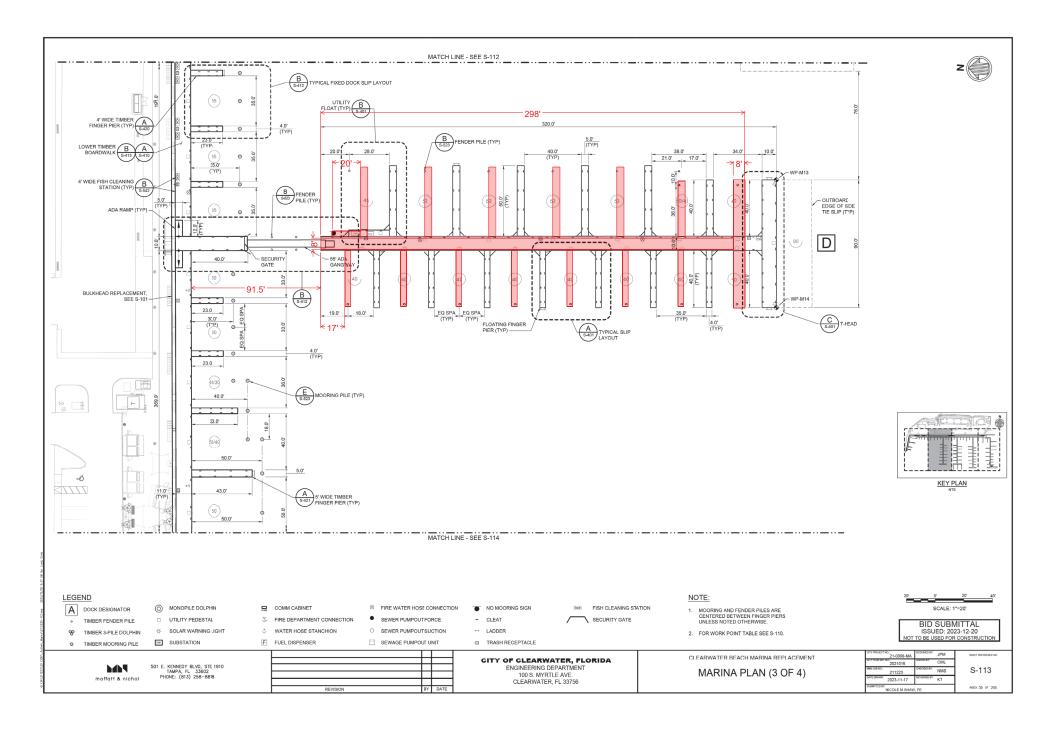


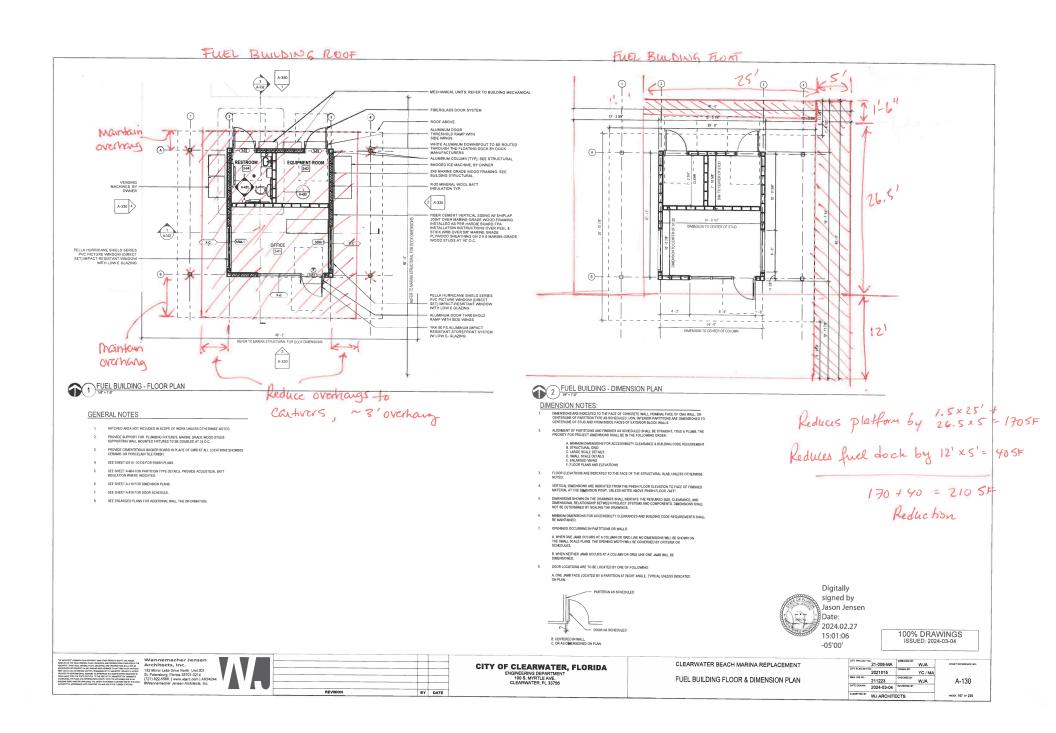














SECTION THREE CLARIFICATIONS



Clarifications

This GMP proposal incorporates the following clarifications and assumptions regarding the project that further explains the scope, responsibility, and allowance amounts. The following is a summary of these clarifications.

General Clarifications

- 1. This GMP Proposal is based on the Clearwater Beach Marina Replacement 100% Bid Documents issued by Moffatt Nichol, dated December 20, 2023 and all accepted Value Engineering (list attached).
- 2. The cost for Builder's Risk insurance is excluded as this will be provide by the City of Clearwater.
- 3. Premiums for Construction Manager General Liability, Automobile and Excess Liability have been allocated to this project and are included as a Lump Sum.
- 4. Performance and Payment Bond premiums have been included. The premium allocation will be included with the first requisition for payment.
- 5. Building Permit and Impact Fee costs of any kind <u>are not</u> included as they are to be paid directly by the Owner or will be treated as a reimbursable outside of the cost of the GMP. Permits associated with Water Management Districts, Florida Department of Environmental Protection (including air quality, water, sanitary sewer, Asbestos Abatement or Lead Abatement) are to be procured by others.
- 6. A lump Sum Owners Contingency in the amount of \$1,000,000 is included in this GMP budget. There is no CM Fee applied to this value. Release of funds shall be by formal City approval.
- 7. All warranties commence on the date of project substantial completion or beneficial use.
- 8. The cost for temporary water and electric usage fees are not included as they are available on site.
- 9. The cost for temporary CMAR field management trailers is excluded as there is available office space on site.
- 10. The project schedule assumes that the work will take place in (2) phases to maintain slips available for the Commercial Fleet to remain in the Marina during Construction. The city is responsible for coordinating all moves and notices to the existing slip customers.
- 11. Estimate and schedule does not include excessive material price increases or excessive supply chain disruption should an unusual event occur.



- 12. Excludes any City of Clearwater parking fees as there will be fenced areas for construction operations to park.
- 13. The City has granted use of the City lot on Sand key for the staging and storage of construction related materials.
- 14. Includes temporary parking along the causeway that will have two distinct sections for CMAR operations and for City use. The City use area shall be under City Insurance not by CMAR. Preliminary layout attached.

Scope Clarifications

The following items were specifically included as part of the GMP Design Document Estimate:

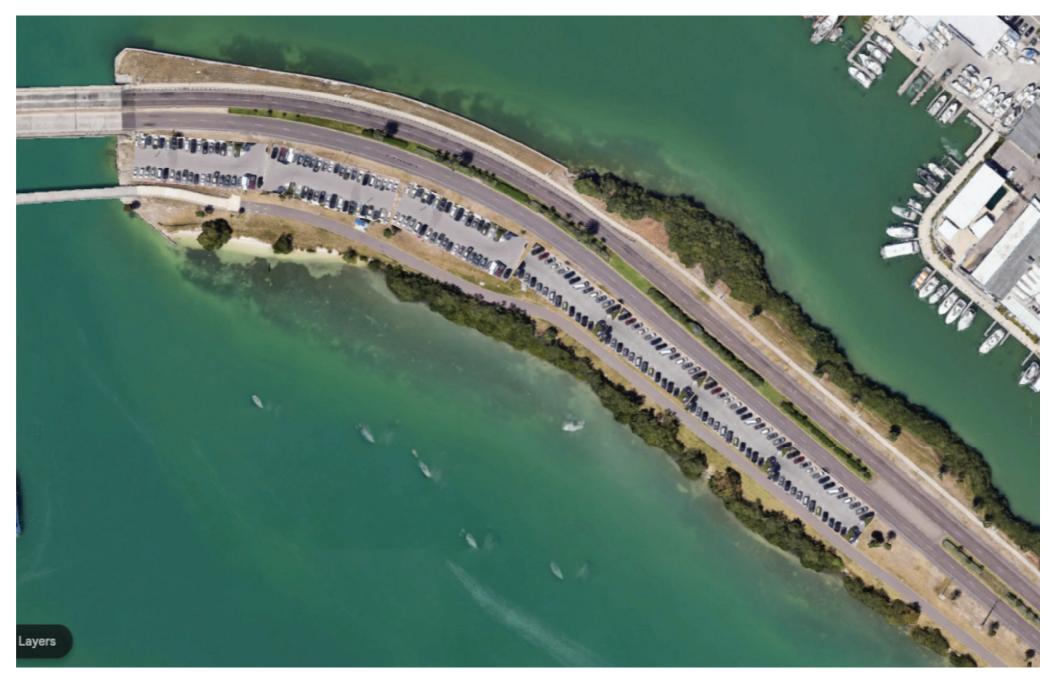
- 1. Shop Drawings for docks shall be stamped by a registered professional engineer licensed in the State of Florida as indicated in the bid documents.
- 2. GMP includes Bid Alternate #1: Aluminum Floating Docks (B,C,D)
- 3. Excludes underground fuel tank modifications all fuel line connections and modifications will begin at the seawall.
- 4. Excludes repairs to the existing dock system for temporary use.
- 5. Excludes the cost to modify or relocate the existing 16" watermain.
- 6. Currently there are no existing below water utilities known to conflict with the areas of work on this project. Work shall is budgeted based on clear access.
- 7. Includes sales tax.
- 8. Includes an allowance of \$200,000 for Public Art.
- 9. Includes an allowance of \$50,000 for a Monument Sign not yet designed.
- 10. Includes an allowance of \$15,000 for the additional 100A of capacity to the Tour Boat pedestal.
- 11. Includes an allowance of \$35,000 for the additional 300A to the Tour Boat slip.
- 12. Includes and allowance for over-dredge: 2,202 CY @ \$157/cy= \$345,714



13. General Exclusions:

- Geotechnical investigations.
- Underwater lighting.
- Manatee monitoring.
- Seagrass Monitoring
- Temporary fueling services.
- Hazardous material testing.
- Directional Boring
- Any modifications to existing lift stations.
- Installation of low voltage items shall be by others. Conduit rough-in with pull string will be provided as indicated on the drawings.
- Primary Power.
- Concrete Duct Banks.
- Vending Machines.
- Ice machines
- Cathodic Protection.
- Painting of Conduit or Piping.
- UNDERGROUND FUEL TANK MODIFICATIONS Excluded all fuel line connections and modifications will begin at the seawall.
- Modification or relocation of unknown existing underground utilities to facilitate the work.
- Epoxy coated rebar is excluded.

End of Clarifications and Assumptions



Temporary Parking

Approved 2024-K-799-00032 Chris M. Gregory 5/8/2024



SECTION FOUR CPM SCHEDULE

)	Name	Planned Duration	Start	Finish	2024 2025 2026 20
	vater Beac Marina Replacement	648d	17-Jul-23 A	28-Apr-26	Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 KC-0247-22 - Clearwater Bea
Preconstruction - Pr	<u> </u>	504d	17-Jul-23 A	29-Sep-25	Preconstruction - Preconstruction
_	g - Design/Permitting	234d	17-Jul-23 A	03-Sep-24	Design/Permitting - Design/Permitting
PC-00-140	USACE Permit	140d	17-Jul-23 A	01-Jul-24	USACE Permit
PC-00-200	Pinellas County Dock/Fill Permit	145d	29-Sep-23 A	03-Jul-24	Pinellas County Dock/Fill Permit
PC-00-320	Submit Permit Documents for Building Perm tting	60d	05-Mar-24 A	16-Jul-24	Submit Permit Documents for Building Permitting
PC-00-520	Submit Final GMP to Owner	5d	13-May-24 A	17-May-24	Submit Final GMP to Owner
PC-00-530	Owner Review and Approval of Final GMP	23d	20-May-24	20-Jun-24	Owner Review and Approval of Final GMP
PC-00-360	Owner Executes CM Construction Contract/Administrative NT	25d	21-Jun-24	26-Jul-24	Owner Executes CM Construction Contract/Administrative NTP
PC-00-370	CM Performs Project Buyout	15d	29-Jul-24	16-Aug-24	■ CM Performs Project Buyout
PC-00-400	Submit Pinellas County Demolition Notice	10d	19-Aug-24	30-Aug-24	■ Submit Pinellas County Demolition Notice
PC-00-410	Receive NTP for Construction	1d	03-Sep-24	03-Sep-24	Receive NTP for Construction
Submittals - Subm	ittals	281d	19-Aug-24	29-Sep-25	Submittals - Submittals
SM-00-100	Submit Steel Piling Submittals	5d	19-Aug-24	23-Aug-24	Submit Steel Piling Submittals
SM-00-110	Submit Fuel Equipment Submittals	5d	19-Aug-24	23-Aug-24	Submit Fuel Equipment Submittals
SM-00-120	Submit Timber Pile Submittals	5d	19-Aug-24	23-Aug-24	Submit Timber Pile Submittals
SM-00-130	Submit Floating Dock Systems Submittal	20d	19-Aug-24	16-Sep-24	■ Submit Floating Dock Systems Submittal
SM-00-140	Submit Electrical Equipment Submittals	10d	19-Aug-24	30-Aug-24	■ Submit Electrical Equipment Submittals
SM-00-150	Submit Seawall Material Submittals	5d	19-Aug-24	23-Aug-24	Submit Seawall Material Submittals
SM-00-160	Review and Approve Seawall Material Submittals	10d	26-Aug-24	09-Sep-24	■ Review and Approve Seawall Material Submittals
SM-00-170	Review and Approve Fuel Equipment Submittals	10d	26-Aug-24	09-Sep-24	■ Review and Approve Fuel Equipment Submittals
SM-00-190	Review and Approve Steel Piling Submittals	10d	26-Aug-24	09-Sep-24	■ Review and Approve Steel Piling Submittals
SM-00-200	Review and Approve Timber Pile Submittals	10d	26-Aug-24	09-Sep-24	Review and Approve Timber Pile Submittals
SM-00-180	Review and Approve Electrical Equipment Submittals	10d	03-Sep-24	16-Sep-24	Review and Approve Electrical Equipment Submittals
SM-00-210	Fabricate and Deliver Steel Pilings	60d	10-Sep-24	05-Dec-24	Fabricate and Deliver Steel Pilings
SM-00-230	Fabricate and Deliver Timber Piles	15d	10-Sep-24	30-Sep-24	■ Fabricate and Deliver Timber Piles
SM-00-240	Fabricate and Deliver Seawall Construction Materials	20d	10-Sep-24	07-Oct-24	■ Fabricate and Deliver Seawall Construction Materials
SM-00-250	Fabricate and Deliver Fuel Equipment	20d	10-Sep-24	07-Oct-24	Fabricate and Deliver Fuel Equipment
SM-00-220	Review and Approve Floating Dock Systems Submittal	20d	17-Sep-24	15-Oct-24	Review and Approve Floating Dock Systems Submittal
SM-00-260	Fabricate and Deliver Electrical Equipment	260d	17-Sep-24	29-Sep-25	Fabricate and Deliver Electrical Equipment
SM-00-270	Fabricate and Deliver Floating Dock Systems	120d	16-Oct-24	09-Apr-25	Fabricate and Deliver Floating Dock Systems
Construction - Cons	struction	440d	29-Jul-24	28-Apr-26	Construction - Construction
Phase I - Phase I		311d	29-Jul-24	21-Oct-25	Phase I - Phase I
P1-00-500	Fuel Dock Hardening - Execute Contract with Marine Contractor	5d	29-Jul-24	02-Aug-24	I Fuel Dock Hardening - Execute Contract with Marine Contractor
P1-00-510	Fuel Dock Hardening - Relocate Vessels at Existing Fuel Dock	5d	29-Jul-24	02-Aug-24	I Fuel Dock Hardening - Relocate Vessels at Existing Fuel Dock
P1-00-520	Fuel Dock Hardening - Mobilize	3d	05-Aug-24	07-Aug-24	I Fuel Dock Hardening - Mobilize
P1-00-530	Fuel Dock Hardening - Perform Pile Installation and Dock Repairs	40d	08-Aug-24	03-Oct-24	Fuel Dock Hardening - Perform Pile Installation and Dock Repairs
P1-00-540	Fuel Dock Hardening - Demobilize	5d	04-Oct-24	10-Oct-24	■ Fuel Dock Hardening - Demobilize
P1-00-550	Phase 1 - Relocate Commercial Vessels	5d	11-Oct-24	18-Oct-24	■ Phase 1 - Relocate Commercial Vessels
P1-00-560	Phase 1 - Mobilization	5d	21-Oct-24	25-Oct-24	I Phase 1 - Mobilization
					urrent • Milestones
		learwater Reac	Marina Replaceme	ent	Progress Summary
		ieai water beac	marina Replaceme	-116	riogiess / Journaly

age: 1 of 8

			Planned				2024	1		2025		2026		2027
	ID	Name	Duration	Start	Finish	Q2		Q4	Q1		24	Q1 Q2 Q3	3 Q4	Q1 Q2
41	P1-00-570	Phase 1 - Utility Dis onnects	2d	28-Oct-24	29-0 t-24	1		■ Phas	e 1 - U	tility Disconnects				
42	P1-00-580	Phase 1 - Finalize Upland Demo - Corete, Curbg, & Asphalt	3d	28-Oct-24	30-Oct-24			I Phas	e 1 - Fi	inalize Upland Demo	- Conc	rete, Curbing, & Asp	phalt	
43	P1-00-610	Up - Selective Demo at Existing Storage Rooms	3d	30-Oct-24	01-Nov-24			I Up -	Select	tive Demo at Existing	Storag	ge Rooms		
44	P1-00-600	Phase 1 - Demo Fire/Potable Water Lines at Docks	5d	30-Oct-24	05-Nov-24			■ Phas	se 1 - D	Demo Fire/Potable Wa	ater Lir	nes at Docks		
45	P1-00-620	Phase 1 - Demo Existing Shore Power Pedestals and Associated Conduit	5d	30-Oct-24	05-Nov-24			■ Phase	se 1 - D	Demo Existing Shore F	ower	Pedestals and Assoc	ciated Con	duit
46	P1-00-590	Phase 1 - Remove Existing FDC's and Backflows	2d	30-Oct-24	31-Oct-24			I Phas	ie 1 - R	emove Existing FDC's	s and E	Backflows		
47	P1-00-630	Up - Excavate for Storm Water Piping	3d	31-Oct-24	04-Nov-24			I Up -	Excava	ate for Storm Water P	iping			
48	P1-00-640	Phase 1 - Demo Timber Boardwalk and Kiosks	5d	31-Oct-24	06-Nov-24			■ Phas	se 1 - D	Demo Timber Boardwa	alk and	d Kiosks		
49	P1-00-670	Up - Remove and Relocate Existing Transformer UT1	2d	31-Oct-24	01-Nov-24	11		I Up -	Remov	ve and Relocate Exist	ng Tra	ansformer UT1		
50	P1-00-660	Up - Coordination and Partial Demo of Primary U/G Ductbank	2d	31-Oct-24	01-Nov-24	11		I Up -	Coord	lination and Partial De	emo of	f Primary U/G Ductb	oank	
51	P1-00-650	Up - Disconnect and Remove Dist. Equipment FT1, Conductors, and Conduit ba k	2d	31-Oct-24	01-Nov-24	11		I Up −	Discor	nnect and Remove Di	st. Equ	uipment FT1, Condu	ctors, and	Conduit back to
52	P1-00-680	Up - Rough In U/G Plumbing	3d	01-Nov-24	05-Nov-24	11		■ Up -	Rough	h In U/G Plumbing				
53	P1-00-700	Up - Frame Walls at Storage Rooms	2d	04-Nov-24	05-Nov-24	1		I Up -	Frame	e Walls at Storage Roo	oms			
54	P1-00-690	Up - Rough In U/G Electrical for Distribution Equipment and Kiosks	5d	04-Nov-24	08-Nov-24	1		l Up -	Rough	h In U/G Electrical for	Distril	bution Equipment a	ınd Kiosks	
55	P1-00-710	Up - Install Stormwater Piping, Irrigation, Inlet, and Trench Drain	5d	05-Nov-24	12-Nov-24	1		■ Up	- Instal	Il Stormwater Piping,	Irrigati	ion, Inlet, and Trenc	h Drain	
56	P1-00-730	Up - Framing Inspection at Storage Rooms	1d	06-Nov-24	06-Nov-24	1		I Up	Frami	ing Inspection at Stor	age Ro	ooms		
57	P1-00-720	Phase 1 - Demo Docks, Piles, and Maintenance Structure	10d	06-Nov-24	20-Nov-24	1		■ Ph	ase 1 - I	Demo Docks, Piles, a	d Ma	intenance Structure	9	
58	P1-00-750	Up - Hang & Finish Drywall at Storage Rooms	2d	07-Nov-24	08-Nov-24	1		I Up -	Hang	& Finish Drywall at S	torage	Rooms		
59		Phase 1 - Demo Bulkhead Cap	10d	07-Nov-24	21-Nov-24	1			-	Demo Bulkhead Cap	-			
60	P1-00-760	Up - U/G Electrical Rough In Inspection	1d	12-Nov-24	12-Nov-24	1		I Up	- U/G E	Electrical Rough In Ins	spection	on		
61	P1-00-770	Up - Install Door Frames at Storage Rooms	2d	12-Nov-24	13-Nov-24	1		I Up	- Insta	Il Door Frames at Sto	rage R	looms		
62	P1-00-780	Up - U/G Plumbing Rough In Inspection	1d	13-Nov-24	13-Nov-24	1				Plumbing Rough In In	-			
63	P1-00-800	Up - Install Doors & Hardware at Storage Rooms	2d	14-Nov-24	15-Nov-24	1		l Up	- Insta	all Doors & Hardware	at Stor	age Rooms		
64	P1-00-790	Up - Form and Prep Concrete Sidwalks	5d	14-Nov-24	20-Nov-24	1				n and Prep Concrete S		•		
65	P1-00-810	Up - Set Wood Posts for Kiosks	5d	21-Nov-24	27-Nov-24	1				Wood Posts for Kiosk				
66	P1-00-820	Phase 1 - Install Sheet Piling at Bulkhead	20d	22-Nov-24	20-Dec-24	1				1 - Install Sheet Piling		lkhead		
67	P1-00-830	Up - Pour Concrete Sidewalks	5d	29-Nov-24	05-Dec-24	1				ur Concrete Sidewalks	•			
68		Up - Frame Kiosk Walls	10d	06-Dec-24	19-Dec-24	1			•	ame Kiosk Walls				
69	P1-00-880	Up - Install FDC	2d	06-Dec-24	09-Dec-24	1			•	stall FDC				
70		Up - Install Asphalt Paving	5d	06-Dec-24	12-Dec-24	1				stall Asphalt Paving				
71		Up - Frame Benches & Planters	8d	06-Dec-24	17-Dec-24	1				ame Benches & Plant	ters			
72		Up - Install Bike Racks	2d	06-Dec-24	09-Dec-24	1				stall Bike Racks				
73		Up - Install Bollards	3d	06-Dec-24	10-Dec-24	1				stall Bollards				
74		Up - Final Plumbing Inspection	5d	10-Dec-24	16-Dec-24	1				nal Plumbing Inspecti	ion			
75		Up - Stripe Pavement	2d	13-Dec-24	16-Dec-24	1				ripe Pavement				
76		Up - Install Decking at Benches & Planters	5d	18-Dec-24	24-Dec-24	1				nstall Decking at Benc	hes &	Planters		
77		Up - Frame Roof at Kiosks	5d	20-Dec-24	27-Dec-24	1				rame Roof at Kiosks	cs &			
78		Up - Rough In Electrical at Kiosks	5d	20-Dec-24 20-Dec-24	27-Dec-24	1				Rough In Electrical at k	Kinsks			
79		Up - Hang Sheathing at Kiosk Walls	5d	20-Dec-24 20-Dec-24	27-Dec-24	1				lang Sheathing at Kio				
80		Phase 1 - Install #57 Stone behind Sheet Piles	10d	23-Dec-24	07-Jan-25	1				e 1 - Install #57 Stone				
		·		•				_						
								urren		•		estones		
			learwater Beac	Marina Replacem	nent			Progre	SS	_	■ Sur	mmary		



learwater Beac Marina Replacement Date: 16-May-24 Data Date: 13-May-24

Full Run





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			Planned			2024 2025 2026 2027
ID		Name	Duration	Start	Finish	Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2
31	P1-00-970	Up - Install Landscapi g	5d	26-Dec-24	02-Jan-25	■ Up - Install Landscaping
32	P1-00-1000	Up - Install Windows at Kiosks	5d	30-Dec-24	06-Jan-25	■ Up - Install Windows at Kiosks
33	P1-00-990	Up - Install TPO Roofing System at Kiosks	33d	30-Dec-24	14-Feb-25	Up - Install TPO Roofing System at Kiosks
4	P1-00-980	Up - Electrical Rough In Inspection at Kiosks	1d	30-Dec-24	30-Dec-24	■ Up - Electrical Rough In Inspection at Kiosks
5 .	P1-00-1010	Up - Apply Stucco at Kiosk Walls	15d	30-Dec-24	21-Jan-25	■ Up - Apply Stucco at Kiosk Walls
6 .	P1-00-1020	Up - Install Door Frames at Kiosks	5d	30-Dec-24	06-Jan-25	■ Up - Install Door Frames at Kiosks
7	P1-00-1030	Up - Install Doors & Hardware at Kiosks	5d	07-Jan-25	13-Jan-25	■ Up - Install Doors & Hardware at Kiosks
3	P1-00-1050	Phase 1 - Perform Pre-Dredging Survey	3d	08-Jan-25	10-Jan-25	■ Phase 1 - Perform Pre-Dredging Survey
· .	P1-00-1040	Phase 1 - Form and Prep Concrete Bulkhead Cap	15d	08-Jan-25	29-Jan-25	■ Phase 1 - Form and Prep Concrete Bulkhead Cap
	P1-00-1060	Submit Pre-Dredge Survey Phase 1	10d	13-Jan-25	27-Jan-25	■ Submit Pre-Dredge Survey Phase 1
	P1-00-1070	Review Pre-Dredge Survey Phase 1	5d	28-Jan-25	03-Feb-25	■ Review Pre-Dredge Survey Phase 1
	P1-00-1080	Phase 1 - Inspect Rebar at Bulkhead Cap	1d	30-Jan-25	30-Jan-25	■ Phase 1 - Inspect Rebar at Bulkhead Cap
	P1-00-1090	Phase 1 - Pour Concrete Bulkhead Cap	5d	31-Jan-25	06-Feb-25	■ Phase 1 - Pour Concrete Bulkhead Cap
	P1-00-1100	Phase 1 - Dredging	62d	04-Feb-25	01-May-25	Phase 1 - Dredg ng
	P1-00-1110	Up - Frame Stairs	5d	07-Feb-25	13-Feb-25	■ Up - Frame Stairs
,	P1-00-1120	Up - Install Decking at Stairs	5d	14-Feb-25	21-Feb-25	■ Up - Install Decking at Stairs
	P1-00-1130	Up - Hang and Finish Drywall at Kiosks	5d	18-Feb-25	24-Feb-25	■ Up - Hang and Finish Drywall at Kiosks
	P1-00-1150	Up - Finalize Electrical Installation at Kiosks	5d	25-Feb-25	03-Mar-25	■ Up - Finalize Electrical Installation at Kiosks
	P1-00-1140	Up - Install Cabinets at Kiosks	5d	25-Feb-25	03-Mar-25	■ Up - Install Cabinets at Kiosks
	P1-00-1170	Up - Install Countertops at Kiosks	5d	04-Mar-25	10-Mar-25	■ Up - Install Countertops at Kiosks
	P1-00-1160	Up - Final Electrical Inspection	5d	04-Mar-25	10-Mar-25	■ Up - Final Electrical I spection
	P1-00-1180	Up - Install Wood Siding at Kiosks	5d	11-Mar-25	17-Mar-25	■ Up - Install Wood Siding at Kiosks
П	P1-00-1190	Up - Install Wood Siding Foldable Panels at Kiosks	3d	18-Mar-25	20-Mar-25	Up - Install Wood Siding Foldable Panels at Kiosks
П	P1-00-1200	Up - Install Signage	3d	21-Mar-25	25-Mar-25	I Up - Install Signage
П	P1-00-1210	Phase 1 - Finalize Installation of Floating Dock D	15d	10-Apr-25	30-Apr-25	■ Phase 1 - Finalize Installation of Floating Dock D
Н	P1-00-1230	Phase 1 - Rough In Potable Water Piping at Floating Dock D	5d	01-May-25	07-May-25	■ Phase 1 - Rough In Potable Water Piping at Floating Dock D
П	P1-00-1220	Phase 1 - Finalize Installation of Piles at Dock D	10d	01-May-25	14-May-25	■ Phase 1 - Final ze Installation of Piles at Dock D
Ш	P1-00-1240	Phase 1 - Rough In Fire Water Piping at Floating Dock D	5d	01-May-25	07-May-25	■ Phase 1 - Rough In Fire Water Piping at Floating Dock D
ш	P1-00-1250	Phase 1 - Perform Post-Dredging Survey	3d	02-May-25	06-May-25	I Phase 1 - Perform Post-Dredging Survey
п	P1-00-1260	Submit Post-Dredge Survey Phase 1	10d	07-May-25	20-May-25	■ Submit Post-Dredge Survey Phase 1
	P1-00-1270	Phase 1 - Rough In Electrical at Floating Dock D	5d	12-May-25	16-May-25	■ Phase 1 - Rough In Electrical at Floating Dock D
2	P1-00-1290	Phase 1 - Install Utility Float at Dock D	2d	15-May-25	16-May-25	Phase 1 - Install Utility Float at Dock D
;	P1-00-1280	Phase 1 - Finalize Installation of Floating Dock C	15d	15-May-25	05-Jun-25	■ Phase 1 - Finalize Installation of Floating Dock C
	P1-00-1300	Review Post-Dredge Survey Phase 1	5d	21-May-25	28-May-25	Review Post-Dredge Survey Phase 1
	P1-00-1320	Phase 1 - Install 18" Dia Steel Piles for Concrete Deck Slab	10d	29-May-25	11-Jun-25	■ Phase 1 - Install 18" Dia Steel Piles for Concrete Deck Slab
	P1-00-1310	Phase 1 - Install 12" Dia Timber Piles at Boardwalk and Finger Piers	10d	29-May-25	11-Jun-25	■ Phase 1 - Install 12" Dia Timber Piles at Boardwalk and Finger P
	P1-00-1330	Phase 1 - Finalize Installation of Piles at Dock C	10d	06-Jun-25	19-Jun-25	■ Phase 1 - IT stall 12 Dia Timber Piles at Boardwark and Pinger P
	P1-00-1350	Phase 1 - Form & Prep for Concrete Deck Slab	5d	12-Jun-25	18-Jun-25	■ Phase 1 - Form & Prep for Concrete Deck Slab
	P1-00-1340	Phase 1 - Install Timber Cross Bracing & Pile Caps at Boardwalk and Finger Pier Piles	10d	12-Jun-25 12-Jun-25	25-Jun-25	-
	P1-00-1340	Phase 1 - Inspect Rebar at Concrete Deck Slab	100 1d	12-Jun-25 19-Jun-25	19-Jun-25	Phase 1 - Install Timber Cross Bracing & Pile Caps at Boardwal
,	F 1-00-1300	rnase i - inspect Repai at Contrete Deck Slab	iu	19-Jun-25	19-Jun-25	Phase 1 - Inspect Rebar at Concrete Deck Slab



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			Planned			2024 2025 2026 2027		
10)	Name	Duration	Start	Finish	Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2		
21	P1-00-1400	Phase 1 - Pour Concrete Deck Slabs	5d	20-Jun-25	26-Jun-25	■ Phase 1 - Pour Concrete Deck Slabs		
122	P1-00-1410	Phase 1 - Install Mooring Piles	10d	20-Jun-25	03-Jul-25	■ Phase 1 - I stall Mooring Piles		
123	P1-00-1430	Phase 1 - Install Utility Float at Dock C	2d	20-Jun-25	23-Jun-25	■ Phase 1 - Install Utility Float at Dock C		
24	P1-00-1420	Phase 1 - Install Fire Extinguisher Cabinets	2d	20-Jun-25	23-Jun-25	■ Phase 1 - Install Fire Extinguisher Cabinets		
25	P1-00-1370	Phase 1 - Rough In Fire Water Piping at Floating Dock C	5d	20-Jun-25	26-Jun-25	■ Phase 1 - Rough In Fire Water Piping at Floating Dock C		
26	P1-00-1390	Phase 1 - Rough In Potable Water Piping at Floating Dock C	5d	20-Jun-25	26-Jun-25	■ Phase 1 - Rough In Potable Water Piping at Floating Dock C		
27	P1-00-1380	Phase 1 - Rough In Electrical at Floating Dock C	5d	20-Jun-25	26-Jun-25	■ Phase 1 - Rough In Electrical at Floating Dock C		
28	P1-00-1440	Phase 1 - Install Timber Stringers at Boardwalk and Finger Piers	5d	26-Jun-25	02-Jul-25	■ Phase 1 - I stall Timber Stringers at Boardwalk and Finger Piers		
9	P1-00-1470	Phase 1 - Plumbing Rough In Inspection at Floating Docks C & D	1d	27-Jun-25	27-Jun-25	I Phase 1 - Plumbing Rough In Inspection at Floating Docks C &		
30	P1-00-1450	Phase 1 - Install Aluminum Gangway at Dock C	2d	27-Jun-25	30-Jun-25	▮ Phase 1 - I stall Aluminum Gangway at Dock C		
1	P1-00-1460	Phase 1 - Electrical Rough In Inspection at Floating Docks C & D	1d	27-Jun-25	27-Jun-25	■ Phase 1 - Electrical Rough In Inspection at Floating Docks C & D		
2	P1-00-1480	Phase 1 - Install Aluminum Gangway at Dock D	2d	27-Jun-25	30-Jun-25	■ Phase 1 - I stall Aluminum Gangway at Dock D		
33	P1-00-1490	Phase 1 - Install Fire Water Hose Connections	2d	30-Jun-25	01-Jul-25	Phase 1 - 1 stall Fire Water Hose Connections		
34	P1-00-1500	Phase 1 - Install Power/Water Pedestals	5d	30-Jun-25	07-Jul-25	■ Phase 1 - Install Power/Water Pedestals		
35	P1-00-1510	Phase 1 - Rough In Potable Water Piping at Boardwalk	5d	03-Jul-25	10-Jul-25	■ Phase 1 - Rough In Potable Water Piping at Boardwalk		
36	P1-00-1530	Phase 1 - Rough In Fire Water Piping at Boardwalk	5d	03-Jul-25	10-Jul-25	■ Phase 1 - Rough In Fire Water Piping at Boardwalk		
7	P1-00-1520	Phase 1 - Rough In Electrical at Boardwalk	5d	03-Jul-25	10-Jul-25	■ Phase 1 - Rough In Electrical at Boardwalk		
8	P1-00-1540	Phase 1 - Final Plumbing Inspection	1d	08-Jul-25	08-Jul-25	■ Phase 1 - Final Plumbing Inspection		
9	P1-00-1550	Phase 1 - Electrical Rough In Inspection at Boardwalk	1d	11-Jul-25	11-Jul-25	■ Phase 1 - Electrical Rough In Inspection at Boardwalk		
0	P1-00-1560	Phase 1 - Plumbing Rough In Inspection at Boardwalk	1d	11-Jul-25	11-Jul-25	■ Phase 1 - Plumbing Rough In Inspection at Boardwalk		
1	P1-00-1570	Phase 1 - Install Timber Decking at Boardwalk and Finger Piers	8d	14-Jul-25	23-Jul-25	■ Phase 1 - Install Timber Decking at Boardwalk and Finger Pier		
2	P1-00-1580	Phase 1 - Install Rubber Fenders and Pile Hats at Boardwalk and Finger Pier P les	5d	24-Jul-25	30-Jul-25	■ Phase 1 - Install Rubber Fenders and Pile Hats at Boardwalk a		
3	P1-00-1590	Up - Install Railings	5d	24-Jul-25	30-Jul-25	■ Up - Install Railings		
4	P1-00-1600	Phase 1 - Install and Terminate Substation C at Utility Float	2d	30-Sep-25	01-Oct-25	Phase 1 - Install and Terminate Substation C at Utility F		
15	P1-00-1630	Phase 1 - Install and Terminate Substation E at Boardwalk	5d	30-Sep-25	06-Oct-25	■ Phase 1 - Install and Terminate Substation E at Boardw		
6	P1-00-1620	Up - Install Electrical Distribution Equipment	5d	30-Sep-25	06-Oct-25	■ Up - Install Electrical Distribution Equipment		
17	P1-00-1610	Phase 1 - Install and Terminate Substation D at Utility Float	2d	30-Sep-25	01-Oct-25	☐ Phase 1 - Install and Terminate Substation D at Utility F		
18	P1-00-1640	Up - Pull U/G Feeders and Set Transformers	5d	07-Oct-25	14-Oct-25	■ Up - Pull U/G Feeders and Set Transformers		
19	P1-00-1650	Phase 1 - Final Electrical Inspection	2d	15-Oct-25	16-Oct-25	I Phase 1 - Final Electrical Inspection		
50	P1-00-1660	Phase 1 - Final Inspection	2d	17-Oct-25	20-Oct-25	■ Phase 1 - Final Inspection		
51	P1-00-1670	Phase 1 - Substantial Completion	1d	21-Oct-25	21-Oct-25	hase 1 - Substantial Completion		
52	Phase II - Phase II	·	129d	22-Oct-25	28-Apr-26	Phase II - Phase II		
53	P2-00-400	Phase 2 - Mobilization	5d	22-Oct-25	28-Oct-25	■ Phase 2 - Mobilization		
4	P2-00-410	Phase 2 - Utility Disconnects	2d	27-Oct-25	28-Oct-25	I Phase 2 - Utility Disconnects		
55	P2-00-420	Phase 2 - Remove Abandoned Sewage Force Mains	2d	29-Oct-25	30-Oct-25	I Phase 2 - Remove Abandoned Sewage Force Mains		
56	P2-00-480	Phase 2 - Demo Timber Boardwalk, Piles, and Kiosks	5d	29-Oct-25	04-Nov-25	■ Phase 2 - Demo Timber Boardwalk, Piles, and Kiosk		
57	P2-00-460	Phase 2 - Demo Existing Shore Power Pedestals and Associated Conduit	5d	29-Oct-25	04-Nov-25	■ Phase 2 - Demo Existing Shore Power Pedestals and		
8	P2-00-430	Phase 2 - Demo Overwater Office Building	5d	29-Oct-25	04-Nov-25	■ Phase 2 - Demo Overwater Office Building		
59	P2-00-440	Up 2 - Remove and Relocate Existing Transformer UT2	2d	29-Oct-25	30-Oct-25	I Up 2 - Remove and Relocate Existing Transformer U		
50	P2-00-450	Phase 2 - Remove Fuel Office Panel back to Service #3 Switchboard	2d	29-Oct-25	30-Oct-25	I Phase 2 - Remove Fuel Office Panel back to Service :		
						■ urrent ♦ Milestones		
			learwater Beac	Marina Replacem	ent	Progress Summary		



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		Planned			2024 2025 2026		
)	Name	Duration	Start	Finish	Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1		
P2-00-490	Phase 2 - Fi alize Upland Demo - Co rete/Asphalt	5d	29-Oct-25	04-Nov-25	■ Phase 2 - Finalize Upland Demo - Concret		
P2-00-470	Phase 2 - Remove Existing FDC's and Backflows	2d	29-Oct-25	30-Oct-25	■ Phase 2 - Remove Existing FDC's and Back		
P2-00-500	Phase 2 - Demo Fuel Dock Building and Fuel Equipment	5d	31-Oct-25	06-Nov-25	■ Phase 2 - Demo Fuel Dock Building and F		
P2-00-510	Phase 2 - Demo Existing Sewage Force Main from Pumpout Unit	2d	05-Nov-25	06-Nov-25	■ Phase 2 - Demo Existing Sewage Force M		
P2-00-520	Up 2 - Demo Primary U/G Conductors from Existing Switchgear to Transformer UT2	4d	05-Nov-25	10-Nov-25	■ Up 2 - Demo Primary U/G Conductors fro		
P2-00-540	Phase 2 - Demo Bulkhead Cap	5d	05-Nov-25	12-Nov-25	■ Phase 2 - Demo Bulkhead Cap		
P2-00-530	Up 2 - Excavate for Storm Water Piping	2d	05-Nov-25	06-Nov-25	■ Up 2 - Excavate for Storm Water Piping		
P2-00-550	Up 2 - Rough In U/G Plumbing	5d	05-Nov-25	12-Nov-25	■ Up 2 - Rough In U/G Plumbing		
P2-00-560	Phase 2 - Remove Existing Fuel Piping	5d	07-Nov-25	14-Nov-25	■ Phase 2 - Remove Existing Fuel Piping		
P2-00-570	Up 2 - Install Stormwater Piping & Inlet	3d	07-Nov-25	12-Nov-25	■ Up 2 - Install Stormwater Piping & Inlet		
P2-00-580	Phase 2 - Demo Fire/Potable Water Lines at Docks	5d	07-Nov-25	14-Nov-25	■ Phase 2 - Demo Fire/Potable Water Lines		
P2-00-590	Up 2 - Rough In U/G Electrical for Distribution Equipment and Kiosks	5d	12-Nov-25	18-Nov-25	■ Up 2 - Rough In U/G Electrical for Distrib		
P2-00-610	Up 2 - U/G Plumbing Rough In Inspection	1d	13-Nov-25	13-Nov-25	■ Up 2 - U/G Plumbing Rough In Inspection		
P2-00-600	Phase 2 - Install Sheet Piling at Bulkhead	15d	13-Nov-25	04-Dec-25	■ Phase 2 - Install Sheet Piling at Bulkhea		
P2-00-620	Phase 2 - Demo Docks and Piles	10d	17-Nov-25	01-Dec-25	■ Phase 2 - Demo Docks and Piles		
P2-00-630	Up 2 - U/G Electrical Rough In Inspection	1d	19-Nov-25	19-Nov-25	■ Up 2 - U/G Electrical Rough In Inspection		
P2-00-640	Up 2 - Pull U/G Feeders and Set Transformers	5d	20-Nov-25	26-Nov-25	■ Up 2 - Pull U/G Feeders and Set Transfo		
P2-00-650	Up 2 - Install Electrical Distribution Equipment	5d	20-Nov-25	26-Nov-25	■ Up 2 - Install Electrical Distribution Equi		
P2-00-660	Up 2 - Form and Prep Concrete Sidwalks	5d	20-Nov-25	26-Nov-25	■ Up 2 - Form and Prep Concrete Sidwalks		
P2-00-670	Up 2 - Set Wood Posts for Kiosks	3d	28-Nov-25	02-Dec-25	Up 2 - Set Wood Posts for Kiosks		
P2-00-680	Phase 2 - Remove Existing Dolphin	1d	02-Dec-25	02-Dec-25	Phase 2 - Remove Existing Dolphin		
P2-00-690	Phase 2 - Finalize Installation of Floating Dock A	20d	02-Dec-25	30-Dec-25	■ Phase 2 - Finalize Installation of Flo		
P2-00-700	Up 2 - Pour Concrete Sidewalks	5d	03-Dec-25	09-Dec-25	■ Up 2 - Pour Concrete Sidewalks		
P2-00-710	Phase 2 - Install #57 Stone behind Sheet Piles	10d	05-Dec-25	18-Dec-25	■ Phase 2 - Install #57 Stone behind She		
P2-00-720	Up 2 - Install Asphalt Paving	5d	10-Dec-25	16-Dec-25	■ Up 2 - Install Asphalt Paving		
P2-00-730	Up 2 - Install Railings	2d	10-Dec-25	11-Dec-25	Up 2 - Install Railings		
P2-00-740	Up 2 - Install Bike Racks	1d	10-Dec-25	10-Dec-25	■ Up 2 - Install Bike Racks		
P2-00-750	Up 2 - Install Bollards	2d	10-Dec-25	11-Dec-25	Up 2 - Install Bollards		
P2-00-760	Up 2 - Frame Benches & Planters	5d	10-Dec-25	16-Dec-25	■ Up 2 - Frame Benches & Planters		
P2-00-770	Up 2 - Frame Stairs	5d	10-Dec-25	16-Dec-25	■ Up 2 - Frame Stairs		
P2-00-780	Up 2 - Frame Kiosk Walls	2d	10-Dec-25	11-Dec-25	Up 2 - Frame Kiosk Walls		
P2-00-790	Up 2 - Hang Sheathing at Kiosk Walls	1d	12-Dec-25	12-Dec-25	■ Up 2 - Hang Sheathing at Kiosk Walls		
P2-00-800	Up 2 - Frame Roof at Kiosks	2d	12-Dec-25	15-Dec-25	■ Up 2 - Frame Roof at Kiosks		
P2-00-810	Up 2 - Framing Inspection at Kiosks	1d	16-Dec-25	16-Dec-25	■ Up 2 - Framing Inspection at Kiosks		
P2-00-820	Up 2 - Install TPO Roofing System at Kiosks	3d	16-Dec-25	18-Dec-25	■ Up 2 - Install TPO Roofing System at N		
P2-00-830	Up 2 - Stripe Pavement	2d	17-Dec-25	18-Dec-25	Up 2 - Stripe Pavement		
P2-00-840	Up 2 - Install Decking at Benches & Planters	5d	17-Dec-25	23-Dec-25	■ Up 2 - Install Decking at Benches & Planters		
P2-00-850	Up 2 - Install Decking at Stairs	5d	17-Dec-25	23-Dec-25	■ Up 2 - Install Decking at Benches & Planters ■ Up 2 - Install Decking at Stairs		
P2-00-860	Up 2 - Rough In Electrical at Kiosks	2d	17-Dec-25	18-Dec-25	I Up 2 - Rough In Electrical at Kiosks		
P2-00-870	Up 2 - Install Landscaping	3d	17-Dec-25	19-Dec-25	Up 2 - Install Landscaping		
12 00 070	op 2 mistair Edinascaping	30	17-Dec-23	17-Dec-23	- Op 2 - Instan Landscaping		



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Name Up 2 - Apply Stu o at Kiosk Walls Up 2 - Hang and Finish Drywall at Kiosks Up 2 - Electrical Rough In Inspection at Kiosks Phase 2 - Perform Pre-Dredging Survey Up 2 - Finalize Electrical Installation at Kiosks Up 2 - Install Cabinets at Kiosks Up 2 - Install Windows at Kiosks Up 2 - Install Door Frames at Kiosks Up 2 - Install Countertops at Kiosks Up 2 - Install Countertops at Kiosks	Planned Duration 2d 2d 1d 3d 2d 1d 1d 1d 1d 1d 1d 1	Start 19-Dec-25 19-Dec-25 19-Dec-25 19-Dec-25 22-Dec-25 23-Dec-25	Finish 22-Dec-25 22-Dec-25 19-Dec-25 23-Dec-25 23-Dec-25	Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q1 Q1 Q1 Q1
Up 2 - Hang and Finish Drywall at Kiosks Up 2 - Electrical Rough In Inspection at Kiosks Phase 2 - Perform Pre-Dredging Survey Up 2 - Finalize Electrical Installation at Kiosks Up 2 - Install Cabinets at Kiosks Up 2 - Install Windows at Kiosks Up 2 - Install Door Frames at Kiosks Up 2 - Install Countertops at Kiosks	2d 1d 3d 2d 1d	19-Dec-25 19-Dec-25 19-Dec-25 22-Dec-25 23-Dec-25	22-Dec-25 19-Dec-25 23-Dec-25 23-Dec-25	I Up 2 - Hang and Finish Drywall at Kiosks I Up 2 - Electrical Rough In Inspection at Kios I Phase 2 - Perform Pre-Dredging Survey
Up 2 - Electrical Rough In Inspection at Kiosks Phase 2 - Perform Pre-Dredging Survey Up 2 - Finalize Electrical Installation at Kiosks Up 2 - Install Cabinets at Kiosks Up 2 - Install Windows at Kiosks Up 2 - Install Door Frames at Kiosks Up 2 - Install Countertops at Kiosks	1d 3d 2d 1d	19-Dec-25 19-Dec-25 22-Dec-25 23-Dec-25	19-Dec-25 23-Dec-25 23-Dec-25	I Up 2 - Electrical Rough In Inspection at Kios I Phase 2 - Perform Pre-Dredging Survey
Phase 2 - Perform Pre-Dredging Survey Up 2 - Finalize Electrical Installation at Kiosks Up 2 - Install Cabinets at Kiosks Up 2 - Install Windows at Kiosks Up 2 - Install Door Frames at Kiosks Up 2 - Install Countertops at Kiosks	3d 2d 1d	19-Dec-25 22-Dec-25 23-Dec-25	23-Dec-25 23-Dec-25	■ Phase 2 - Perform Pre-Dredging Survey
Up 2 - Finalize Electrical Installation at Kiosks Up 2 - Install Cabinets at Kiosks Up 2 - Install Windows at Kiosks Up 2 - Install Door Frames at Kiosks Up 2 - Install Countertops at Kiosks	2d 1d 1d	22-Dec-25 23-Dec-25	23-Dec-25	
Up 2 - Install Cabinets at Kiosks Up 2 - Install Windows at Kiosks Up 2 - Install Door Frames at Kiosks Up 2 - Install Countertops at Kiosks	1d 1d	23-Dec-25		7
Up 2 - Install Windows at Kiosks Up 2 - Install Door Frames at Kiosks Up 2 - Install Countertops at Kiosks	1d			■ Up 2 - Finalize Electrical Installation at Kiosi
Up 2 - Install Door Frames at Kiosks Up 2 - Install Countertops at Kiosks		07.5	23-Dec-25	I Up 2 − Install Cabinets at Kiosks
Up 2 - Install Countertops at Kiosks	1d	23-Dec-25	23-Dec-25	▮ Up 2 - Install Windows at Kiosks
	l in	23-Dec-25	23-Dec-25	l Up 2 - Install Door Frames at Kiosks
Up 2 - Install Wood Siding at Kiosks	1d	24-Dec-25	24-Dec-25	■ Up 2 - Install Countertops at Kiosks
1 - F	1d	24-Dec-25	24-Dec-25	■ Up 2 - Install Wood Siding at Kiosks
Up 2 - Install Doors & Hardware at Kiosks	1d	24-Dec-25	24-Dec-25	■ Up 2 - Install Doors & Hardware at Kiosks
Final Electrical Inspection at Upland Phase 2	1d	24-Dec-25	24-Dec-25	I Final Electrical Inspection at Upland Phase
Submit Pre-Dredge Survey Phase 2	5d	24-Dec-25	31-Dec-25	■ Submit Pre-Dredge Survey Phase 2
Up 2 - Install Signage	1d	26-Dec-25	26-Dec-25	■ Up 2 - Install Signage
Up 2 - Install Wood Siding Foldable Panels at Kiosks	1d	26-Dec-25	26-Dec-25	I Up 2 - Install Wood Siding Foldable Panels a
Final Inspection at Upland Phase 2	1d	29-Dec-25	29-Dec-25	Final Inspection at Upland Phase 2
Phase 2 - Rough In Potable Water Piping at Floating Dock A	5d	31-Dec-25	07-Jan-26	■ Phase 2 - Rough In Potable Water Piping a
Phase 2 - Rough In Sewer Piping	5d	31-Dec-25	07-Jan-26	■ Phase 2 - Rough In Sewer Piping
Phase 2 - Finalize Installation of Piles at Floating Dock A	10d	31-Dec-25	14-Jan-26	■ Phase 2 - Finalize Installation of Piles at FI
Phase 2 - Rough In Electrical at Floating Dock A	5d	31-Dec-25	07-Jan-26	■ Phase 2 - Rough In Electrical at Floating Do
Phase 2 - Rough In Fire Water Piping at Floating Dock A	5d	31-Dec-25	07-Jan-26	■ Phase 2 - Rough In Fire Water Piping at Flo
Review Pre-Dredge Survey Phase 2	5d	02-Jan-26	08-Jan-26	■ Review Pre-Dredge Survey Phase 2
Phase 2 - Install Sewer Pumpout Unit at Fuel Dock Building	2d	08-Jan-26	09-Jan-26	Phase 2 - Install Sewer Pumpout Unit at Fu
Phase 2 - Dredging	40d	09-Jan-26	09-Mar-26	Phase 2 - Dredging
Phase 2 - Form and Prep Concrete Bulkhead Cap	10d	09-Jan-26	23-Jan-26	■ Phase 2 - Form and Prep Concrete Bulkh
Phase 2 - Rough In Fuel Piping	5d	15-Jan-26	22-Jan-26	■ Phase 2 - Rough In Fuel Piping
Phase 2 - Install Jetski Ports @ Dock A	2d	15-Jan-26	16-Jan-26	■ Phase 2 - Install Jetski Ports @ Dock A
Phase 2 - Finalize Installation of Floating Dock B	15d	15-Jan-26	05-Feb-26	■ Phase 2 - Finalize Installation of Floating
Phase 2 - Inspect Rebar at Bulkhead Cap	2d	26-Jan-26	27-Jan-26	■ Phase 2 - Inspect Rebar at Bulkhead Cap
Phase 2 - Pour Concrete Bulkhead Cap	10d	28-Jan-26	10-Feb-26	■ Phase 2 - Pour Concrete Bulkhead Cap
Phase 2 - Rough In Potable Water Piping at Floating Dock B	5d	06-Feb-26	12-Feb-26	Phase 2 - Rough In Potable Water Pipin
Phase 2 - Install Utility Float at Floating Dock B	2d	06-Feb-26	09-Feb-26	■ Phase 2 - Install Utility Float at Floating
Phase 2 - Finalize Installation of Piles at Floating Dock B	10d	06-Feb-26	20-Feb-26	■ Phase 2 - Finalize Installation of Piles a
Phase 2 - Rough In Fire Water Piping at Floating Dock B	5d	06-Feb-26	12-Feb-26	Phase 2 - Rough In Fire Water Piping at
Phase 2 - Rough In Electrical at Floating Dock B	5d	06-Feb-26	12-Feb-26	■ Phase 2 - Rough In Electrical at Floating
Phase 2 - Install and Terminate Substation B at Floating Dock B	2d	10-Feb-26	11-Feb-26	■ Phase 2 - Install and Terminate Substat
Phase 2 - Install 18" Dia Steel Piles for Concrete Deck Slab	10d	11-Feb-26	25-Feb-26	■ Phase 2 - Install 18" Dia Steel Piles for
Phase 2 - Electrical Rough In Inspection at Floating Docks A & B	1d	13-Feb-26	13-Feb-26	■ Phase 2 - Electrical Rough In Inspection
Phase 2 - Plumbing Rough In Inspection at Floating Docks A & B	1d	13-Feb-26	13-Feb-26	■ Phase 2 - Plumbing Rough In Inspectio
Phase 2 - Install and Terminate Substation A at Floating Dock A	2d	17-Feb-26	18-Feb-26	I Phase 2 - Install and Terminate Substa
	Phase 2 - Install and Terminate Substation B at Floating Dock B Phase 2 - Install 18" Dia Steel Piles for Concrete Deck Slab Phase 2 - Electrical Rough In Inspection at Floating Docks A & B Phase 2 - Plumbing Rough In Inspection at Floating Docks A & B	Phase 2 - Install and Terminate Substation B at Floating Dock B 2d Phase 2 - Install 18" Dia Steel Piles for Concrete Deck Slab 10d Phase 2 - Electrical Rough In Inspection at Floating Docks A & B 1d Phase 2 - Plumbing Rough In Inspection at Floating Docks A & B 1d	Phase 2 - Install and Terminate Substation B at Floating Dock B 2d 10-Feb-26 Phase 2 - Install 18" Dia Steel Piles for Concrete Deck Slab 10d 11-Feb-26 Phase 2 - Electrical Rough In Inspection at Floating Docks A & B 1d 13-Feb-26 Phase 2 - Plumbing Rough In Inspection at Floating Docks A & B 1d 13-Feb-26	Phase 2 - Install and Terminate Substation B at Floating Dock B2d10-Feb-2611-Feb-26Phase 2 - Install 18" Dia Steel Piles for Concrete Deck Slab10d11-Feb-2625-Feb-26Phase 2 - Electrical Rough In Inspection at Floating Docks A & B1d13-Feb-2613-Feb-26Phase 2 - Plumbing Rough In Inspection at Floating Docks A & B1d13-Feb-2613-Feb-26



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			Planned			2024 2025 2026 2027
ID		Name	Duration	Start	Finish	Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2
	P2-00-1270	Phase 2 - Install Fire Water Hose Connections	2d	17-Feb-26	18-Feb-26	■ Phase 2 - Install Fire Water Hose Connect
ı.	P2-00-1280	Phase 2 - Install Substation FO at Fuel Dock Building	2d	17-Feb-26	18-Feb-26	▮ Phase 2 - Install Substation FO at Fuel Do
L	P2-00-1300	Phase 2 - Install Power/Water Pedestals	5d	17-Feb-26	23-Feb-26	■ Phase 2 - Install Power/Water Pedestals
II.	P2-00-1310	Phase 2 - Install Fuel Equipment	5d	17-Feb-26	23-Feb-26	■ Phase 2 - Install Fuel Equipment
L	P2-00-1320	Phase 2 - Install Mooring Piles	10d	23-Feb-26	06-Mar-26	■ Phase 2 - Install Mooring Piles
	P2-00-1330	Phase 2 - Install Fire Extinguisher Cabinets	2d	23-Feb-26	24-Feb-26	☐ Phase 2 - Install Fire Extinguisher Cabine
II.	P2-00-1340	Phase 2 - Final Electrical Inspection	1d	24-Feb-26	24-Feb-26	■ Phase 2 - Final Electrical Inspection
Ш.	P2-00-1350	Phase 2 - Final Plumbing Inspection	1d	24-Feb-26	24-Feb-26	■ Phase 2 - Final Plumbing Inspection
	P2-00-1360	Phase 2 - Form & Prep for Concrete Deck Slab	5d	26-Feb-26	04-Mar-26	■ Phase 2 - Form & Prep for Concrete Deck
	P2-00-1380	Phase 2 - Install Sewer Pumpout at Force Main	2d	05-Mar-26	06-Mar-26	I Phase 2 - Install Sewer Pumpout at Force
Г	P2-00-1370	Phase 2 - Inspect Rebar at Concrete Deck Slab	1d	05-Mar-26	05-Mar-26	■ Phase 2 - Inspect Rebar at Concrete Dec
	P2-00-1390	Phase 2 - Pour Concrete Deck Slabs	5d	09-Mar-26	13-Mar-26	■ Phase 2 - Pour Concrete Deck Slabs
ľ	P2-00-1400	Phase 2 - Perform Post-Dredging Survey	3d	10-Mar-26	12-Mar-26	■ Phase 2 - Perform Post-Dredging Surve
Г	P2-00-1410	Submit Post-Dredge Survey Phase 2	5d	13-Mar-26	19-Mar-26	■ Submit Post-Dredge Survey Phase 2
Г	P2-00-1420	Phase 2 - Install Aluminum Gangway at Floating Dock B	2d	16-Mar-26	17-Mar-26	Phase 2 - Install Aluminum Gangway a
Г	P2-00-1430	Phase 2 - Install Aluminum Gangway at Floating Dock A	2d	16-Mar-26	17-Mar-26	■ Phase 2 - Install Aluminum Gangway a
	P2-00-1450	Review Post-Dredge Survey Phase 2	5d	20-Mar-26	26-Mar-26	■ Review Post-Dredge Survey Phase 2
ľ	P2-00-1460	Phase 2 - Install 12" Dia Timber Piles at Boardwalk and Figer Piers	5d	27-Mar-26	02-Apr-26	■ Phase 2 - Install 12" Dia Timber Piles a
ľ	P2-00-1470	Phase 2 - Install Split Timber Pile Caps at Boardwalk and Finger Pier Piles	5d	27-Mar-26	02-Apr-26	■ Phase 2 - Install Split Timber Pile Cap:
ľ	P2-00-1490	Phase 2 - Rough in Potable Water Piping at Boardwalk and Concrete Decks	5d	03-Apr-26	09-Apr-26	■ Phase 2 - Rough in Potable Water Pig
Ī	P2-00-1480	Phase 2 - Rough In Fire Water Piping at Boardwalk and Concrete Decks	5d	03-Apr-26	09-Apr-26	■ Phase 2 - Rough In Fire Water Piping
Ī	P2-00-1500	Phase 2 - Install Timber Cross Bracing at Timber Boardwalk Piles	5d	03-Apr-26	09-Apr-26	■ Phase 2 - Install Timber Cross Bracing
ī	P2-00-1510	Phase 2 - Install Timber Stringers at Boardwalk and Finger Piers	5d	03-Apr-26	09-Apr-26	■ Phase 2 - Install Timber Stringers at E
	P2-00-1520	Phase 2 - Rough In Electrical at Boardwalk and Concrete Decks	5d	03-Apr-26	09-Apr-26	■ Phase 2 - Rough In Electrical at Board
ľ	P2-00-1540	Phase 2 - Electrical Rough In Inspection at Boardwalk	2d	10-Apr-26	13-Apr-26	■ Phase 2 - Electrical Rough In Inspecti
r	P2-00-1530	Phase 2 - Plumbing Rough In Inspection at Boardwalk	2d	10-Apr-26	13-Apr-26	■ Phase 2 - Plumbing Rough In Inspect
ı	P2-00-1550	Phase 2 - Install Timber Decking at Boardwalk and Finger Piers	5d	14-Apr-26	20-Apr-26	■ Phase 2 - Install Timber Decking at E
ŀ	P2-00-1560	Phase 2 - Install Rubber Fenders and Pile Hats at Boardwalk and Finger Pier Piles	5d	14-Apr-26	20-Apr-26	■ Phase 2 - Install Rubber Fenders and
ŀ	P2-00-1440	Phase 2 - Final Inspection	4d	21-Apr-26	24-Apr-26	I Phase 2 - Final Inspection
ŀ	P2-00-1570	Phase 2 - Substantial Completion	2d	27-Apr-26	28-Apr-26	I Phase 2 - Substantial Completion
-	Fuel House - Fuel H	·	14d	23-Jan-26	11-Feb-26	Friase 2 - Substantial Completion
ŀ	FH-00-200	FH - Frame Walls	5d	23-Jan-26	29-Jan-26	■ FH - Frame Walls
r	FH-00-210	FH - Framing Inspection	1d	30-Jan-26	30-Jan-26	FH - Framing Inspection
ŀ	FH-00-220	FH - Rough In Electrical	2d	30-Jan-26	02-Feb-26	FH - Rough In Electrical
H	FH-00-230	FH - Rough In Plumbing	2d	30-Jan-26	02-Feb-26	■ FH - Rough In Plumbing
H	FH-00-240	FH - Hang Sheathing	2d	02-Feb-26	02-Feb-26	-
-	FH-00-240 FH-00-260					FH - Hang Sheathing
ŀ		FH - Plumbing Rough In Inspection	1d	03-Feb-26	03-Feb-26	I FH - Plumbing Rough In Inspection
ŀ	FH-00-250	FH - Electrical Rough In Inspection	1d	03-Feb-26	03-Feb-26	I FH - Electrical Rough In Inspection
-	FH-00-280	FH - Hang & Finish Drywall	3d	04-Feb-26	06-Feb-26	I FH - Hang & Finish Drywall
	FH-00-300	FH - Install Plumbing Fixtures	2d	04-Feb-26	05-Feb-26	FH - Install Plumbing Fixtures



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	ID	Name	Planned Duration	Start	Finish	2024 Q2 Q3 Q4	2025 Q1 Q2 Q3 Q4	2026 2027 Q1 Q2 Q3 Q4 Q1 Q2		
281	FH-00-29	PO FH - Install Storefront	2d	04-Feb-26	05-Feb-26					
282	FH-00-27	70 FH - Install Door Frames	1d	04-Feb-26	04-Feb-26	■ FH - Install Door Frames				
283	FH-00-31	0 FH - Install Sewer Pumpout Un t	2d	04-Feb-26	05-Feb-26	■ FH - Install Sewer Pumpout Unit				
284	FH-00-32	PO FH - Install Doors & Hardware	1d	05-Feb-26	05-Feb-26]	I FH − Install Doors & Hardware			
285	FH-00-33	60 FH - Install Wood Siding	2d	06-Feb-26	09-Feb-26]				
286	FH-00-34	FH - Install Casework	1d	09-Feb-26	09-Feb-26	I FH - Install Casework		FH - Install Casework		
287	FH-00-35	60 FH - Apply Stucco	2d	10-Feb-26	11-Feb-26	I FH - Apply Stucco				
288	FH-00-36	00 FH - Install Signage	1d	10-Feb-26	10-Feb-26	■ FH - Install Signage				
289	Project Comp	Project Completion - Project Completion			28-Apr-26	1		→ Project Completion - Project Comple		
290	None		Od		28-Apr-26]		→ None		
291	A4600	Project Completion	Od		28-Apr-26	◆ Project Completion				



learwater Beac Marina Replacement
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Full Run



◆ Milestones

Summary

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SECTION FIVE DOCUMENT LIST



Document List

Bid Plan Set

<u>Page</u>	Description	<u>Date</u>	Revision
G-001	COVER SHEET	12/20/2023	
G-002	DRAWING INDEX	12/20/2023	
G-003	GENERAL NOTES (1 OF 2)	12/20/2023	
G-004	GENERAL NOTES (2 OF 2)	12/20/2023	
G-100	GENERAL ARRANGEMENT PLAN	12/20/2023	
G-101	PHASING PLAN - PHASE 1	12/20/2023	
G-102	PHASING PLAN - PHASE 2	12/20/2023	
V-101	EXISTING CONDITIONS & SURVEY PLAN	12/20/2023	
V-102	ENLARGED EXISTING CONDITIONS PLAN	12/20/2023	
B-101	BORING LOCATION PLAN	12/20/2023	
B-601	BORING LOGS (1 OF 4)	12/20/2023	
B-602	BORING LOGS (2 OF 4)	12/20/2023	
B-603	BORING LOGS (3 OF 4)	12/20/2023	
B-604	BORING LOGS (4 OF 4)	12/20/2023	
D-101	DEMOLITION PLAN	12/20/2023	
D-301	DEMOLITION SECTIONS & PHOTOS	12/20/2023	
CG101	DREDGING PLAN	12/20/2023	
CG300	TYPICAL DREDGING CROSS SECTIONS	12/20/2023	
CG301	DREDGING CROSS SECTIONS (1 OF 2)	12/20/2023	
CG302	DREDGING CROSS SECTIONS (2 OF 2)	12/20/2023	
S-001	STRUCTURAL NOTES (1 OF 2)	12/20/2023	
S-002	STRUCTURAL NOTES (2 OF 2)	12/20/2023	
S-100	OVERALL MARINA PLAN & SLIP MIX	12/20/2023	
S-101	BULKHEAD KEY PLAN	12/20/2023	
S-102	BULKHEAD PLAN (1 OF 2)	12/20/2023	
S-103	BULKHEAD PLAN (2 OF 2)	12/20/2023	
S-110	MARINA KEY PLAN	12/20/2023	
S-111	MARINA PLAN (1 OF 4)	12/20/2023	
S-112	MARINA PLAN (2 OF 4)	12/20/2023	
S-113	MARINA PLAN (3 OF 4)	12/20/2023	
S-114	MARINA PLAN (4 OF 4)	12/20/2023	
S-401	ENLARGED FLOATING DOCK PLAN	12/20/2023	
S-410	TYPICAL BOARDWALK FRAMING PLAN AND SECTION	12/20/2023	
S-411	WEST BOARDWALK FRAMING PLAN	02/09/2024	ADD. 1
S-412	GANGWAY PLATFORM PLAN AND SECTION	12/20/2023	
S-413	TYPICAL BOARDWALK SECTIONS (1 OF 3)	12/20/2023	
S-414	TYPICAL BOARDWALK SECTIONS (2 OF 3)	12/20/2023	
S-415	TYPICAL BOARDWALK SECTIONS (3 OF 3)	12/20/2023	

^{*}The above list of Documents do not reflect the approved VE Items in the Project.



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S-420	4 FT WIDE FINGER PIER PLAN, SECTION & ELEVATION	12/20/2023	
S-421	5 FT WIDE FINGER PIER PLAN, SECTION & ELEVATION	12/20/2023	
S-422	6 FT WIDE FINGER PIER PLAN, SECTION & ELEVATION	12/20/2023	
S-423	8 FT WIDE FINGER PIER PLAN, SECTION & ELEVATION	12/20/2023	
S-430	CONCRETE DOCK PLAN, ELEVATION & SECTION	12/20/2023	
S-501	BULKHEAD DETAILS (1 OF 2)	12/20/2023	
S-502	BULKHEAD DETAILS (2 OF 2)	12/20/2023	
S-510	CONCRETE FLOATING DOCK DETAILS	12/20/2023	
S-511	GANGWAY DETAILS	12/20/2023	
S-521	TIMBER DETAILS (1 OF 4)	02/09/2024	ADD. 1
S-522	TIMBER DETAILS (2 OF 4)	12/20/2023	
S-523	TIMBER DETAILS (3 OF 4)	12/20/2023	
S-524	TIMBER DETAILS (4 OF 4)	12/20/2023	
S-531	CONCRETE DOCK DETAILS	12/20/2023	
S-541	MISCELLANEOUS DETAILS (1 OF 2)	12/20/2023	
S-542	MISCELLANEOUS DETAILS (2 OF 2)	12/20/2023	
S-550	SIGNAGE DETAILS	12/20/2023	
M-001	MECHANICAL GENERAL NOTES AND ABBREVIATIONS	12/20/2023	
M-101	OVERALL MARINA MECHANICAL PLAN	12/20/2023	
MD101	MARINA POTABLE & FIRE WATER DEMOLITION PLAN	12/20/2023	
MD102	MARINA SEWAGE & FUEL DEMOLITION PLAN	12/20/2023	
M-110	MARINA MECHANICAL KEY PLAN	12/20/2023	
M-111	MARINA MECHANICAL PLAN (1 OF 4)	02/09/2024	ADD. 1
M-112	MARINA MECHANICAL PLAN (2 OF 4)	02/09/2024	ADD. 1
M-113	MARINA MECHANICAL PLAN (3 OF 4)	02/09/2024	ADD. 1
M-114	MARINA MECHANICAL PLAN (4 OF 4)	02/09/2024	ADD. 1
M-501	MECHANICAL DETAILS (1 OF 4)	02/09/2024	ADD. 1
M-502	MECHANICAL DETAILS (2 OF 4)	12/20/2023	
M-503	MECHANICAL DETAILS (3 OF 4)	12/20/2023	
M-504	MECHANICAL DETAILS (4 OF 4)	12/20/2023	
MF001	MECHANICAL FUEL SYSTEM NOTES	12/20/2023	
MF101	MECHANICAL FUEL SYSTEM SITE PLAN	12/20/2023	
MF110	MECHANICAL FUEL SYSTEM PLAN	12/20/2023	
MF501	MECHANICAL FUEL DETAILS (1 OF 2)	12/20/2023	
MF502	MECHANICAL FUEL DETAILS (2 OF 2)	12/20/2023	
E-001	ELECTRICAL NOTES	12/20/2023	
E-002	ELECTRICAL NOTES, LEGEND, AND ABBREVIATIONS	12/20/2023	
ED100	MARINA ELECTRICAL DEMOLITION PLAN	12/20/2023	
ED120	MARINA COMM DEMOLITION PLAN	12/20/2023	
ED501	ELECTRICAL DEMOLITION PHOTOGRAPHS	12/20/2023	
E-110	OVERALL MARINA ELECTRICAL PLAN	12/20/2023	
E-111	MARINA ELECTRICAL PLAN (1 OF 4)	12/20/2023	

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E-113	MARINA ELECTRICAL PLAN (3 OF 4)	12/20/2023	
E-114	MARINA ELECTRICAL PLAN (4 OF 4)	12/20/2023	
E-120	OVERALL MARINA COMM PLAN	12/20/2023	
E-121	MARINA COMMUNICATION PLAN (1 OF 4)	12/20/2023	
E-122	MARINA COMMUNICATION PLAN (2 OF 4)	12/20/2023	
E-123	MARINA COMMUNICATION PLAN (2 OF 4)	12/20/2023	
E-124	MARINA COMMUNICATION PLAN (2 OF 4)	12/20/2023	
E-501	ELECTRICAL DETAILS (1 OF 6)	02/09/2024	ADD. 1
E-502	ELECTRICAL DETAILS (2 OF 6)	12/20/2023	
E-503	ELECTRICAL DETAILS (3 OF 6)	12/20/2023	
E-504	ELECTRICAL DETAILS (4 OF 6)	12/20/2023	
E-505	ELECTRICAL DETAILS (5 OF 6)	12/20/2023	
E-506	ELECTRICAL DETAILS (6 OF 6)	12/20/2023	
E-601	ELECTRICAL SINGLE LINE DIAGRAM	12/20/2023	
E-611	CABLE SCHEDULE (1 OF 5)	12/20/2023	
E-612	CABLE SCHEDULE (2 OF 5)	12/20/2023	
E-613	CABLE SCHEDULE (3 OF 5)	12/20/2023	
E-614	CABLE SCHEDULE (4 OF 5)	12/20/2023	
E-615	CABLE SCHEDULE (5 OF 5)	12/20/2023	
E-621	PANEL SCHEDULES (1 OF 4)	12/20/2023	
E-622	PANEL SCHEDULES (2 OF 4)	12/20/2023	
E-623	PANEL SCHEDULES (3 OF 4)	12/20/2023	
E-624	PANEL SCHEDULES (4 OF 4)	12/20/2023	
C-000	CIVIL GENERAL NOTES	12/20/2023	
C-001	INDEX OF SHEETS	12/20/2023	
C-100	STORMWATER POLLUTION PREVENTION PLAN	12/20/2023	
C-101	EROSION CONTROL PLAN	12/20/2023	
C-102	EROSION CONTROL PLAN	12/20/2023	
C-200	CIVIL DEMOLITION PLAN	12/20/2023	
C-201	CIVIL DEMOLITION PLAN	12/20/2023	
C-300	SITE PLAN	12/20/2023	
C-301	SITE PLAN	12/20/2023	
C-400	GRADING AND DRAINAGE PLAN	12/20/2023	
C-401	GRADING AND DRAINAGE PLAN	12/20/2023	
C-402	CROSS SECTIONS	12/20/2023	
C-500	UTILITY PLAN	12/20/2023	
C-501	UTILITY PLAN	12/20/2023	
C-600	CITY OF CLEARWATER DETAILS	12/20/2023	
C-601	CITY OF CLEARWATER DETAILS	12/20/2023	
C-602	CITY OF CLEARWATER DETAILS	12/20/2023	
C-603	CITY OF CLEARWATER DETAILS	12/20/2023	



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TM-101	TREE MITIGATION PLAN	12/20/2023	
TM-102	TREE MITIGATION PLAN	12/20/2023	
TM-150	TREE MITIGATION NOTES AND DETAILS	12/20/2023	
H-100	HARDSCAPE INDEX	12/20/2023	
H-101	HARDSCAPE PLAN	12/20/2023	
H-102	HARDSCAPE PLAN	12/20/2023	
H-150	HARDSCAPE DETAILS	12/20/2023	
H-151	HARDSCAPE DETAILS	12/20/2023	
L-100	LANDSCAPE INDEX	12/20/2023	
L-101	LANDSCAPE PLAN	12/20/2023	
L-102	LANDSCAPE PLAN	12/20/2023	
L-150	LANDSCAPE SPECIFICATIONS	12/20/2023	
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LI-100	LIGHTING INDEX	12/20/2023	
LI-101	LIGHTING PLAN	12/20/2023	
LI-102	LIGHTING PLAN	12/20/2023	
LI-150	LIGHTING DETAILS	12/20/2023	
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A-002	DRAWING LEGEND & CODE ANALYSIS	12/20/2023	
A-003	CODE ANALYSIS	12/20/2023	
A-004	MOUNTING HEIGHTS	12/20/2023	
A-005	UL LISTINGS	12/20/2023	
A-006	UL LISTINGS	12/20/2023	
B-110	LIFE SAFETY PLAN - KIOSK	12/20/2023	
B-120	LIFE SAFETY PLAN - STORAGE ROOM	02/09/2024	ADD. 1
B-130	LIFE SAFETY PLAN - FUEL BUILDING	12/20/2023	
AD-101	ARCHITECTURAL SITE - DEMOLITION PLAN	12/20/2023	
AD-102	EXISTING BUILDINGS DEMOLITION PLAN	12/20/2023	
AD-103	EXISTING BUILDINGS DEMOLITION PLAN	12/20/2023	
AD-120	STORAGE ROOM - DEMOLITION PLAN	02/09/2024	ADD. 1
A-100	OVERALL ARCHITECTURAL SITE PLAN	12/20/2023	
A-101	SITE PLAN - WEST END	12/20/2023	
A-102	SITE PLAN - EAST END	12/20/2023	
A-110	KIOSK 'A' - FLOOR AND DIMENSION PLAN	02/09/2024	ADD. 1
A-111	KIOSK 'B' - FLOOR AND DIMENSION PLAN	02/09/2024	ADD. 1
A-112	KIOSK 'A' - RCP AND ROOF PLAN	12/20/2023	

^{*}The above list of Documents do not reflect the approved VE Items in the Project.



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A-130	FUEL BUILDING FLOOR & DIMENSION PLAN	12/20/2023	
A-131	FUEL BUILDING - RCP & ROOF PLAN	02/09/2024	ADD. 1
A-140	SMALL SHADE SYSTEM	12/20/2023	
A-310	KIOSK 'A' - EXTERIOR ELEVATIONS	02/09/2024	ADD. 1
A-311	KIOSK 'A' - FINISH ELEVATIONS	02/09/2024	ADD. 1
A-312	KIOSK 'B' - EXTERIOR ELEVATIONS	02/09/2024	ADD. 1
A-313	KIOSK 'B' - FINISH ELEVATIONS	12/20/2023	
A-314	KIOSK SECTIONS	02/09/2024	ADD. 1
A-320	STORAGE ROOM - EXTERIOR ELEVATIONS	02/09/2024	ADD. 1
A-330	FUEL BUILDING - EXTERIOR ELEVATION	02/09/2024	ADD. 1
A-331	FUEL BUILDING - FINISH ELEVATION	12/20/2023	
A-332	FUEL BUILDING - BUILDING SECTIONS	02/09/2024	ADD. 1
A-430	FUEL BUILDING-ENLARGED PLANS & INTERIOR ELEVATIONS	12/20/2023	
A-720	TYP. KIOSK ENCLOSURE DETAILS	02/09/2024	ADD. 1
A-721	TYP. FUEL BUILDING ENCLOSURE DETAILS	02/09/2024	ADD. 1
A-804	PARTITION TYPES	12/20/2023	
A-810	DOOR SCHEDULES/STOREFRONT DETAILS	02/09/2024	ADD. 1
A-811	DOOR DETAILS	02/09/2024	ADD. 1
A-820	WINDOW ELEVATIONS & DETAILS	12/20/2023	
ID-110	KIOSK - FINISH PLAN	12/20/2023	
ID-120	STORAGE ROOM - FINISH PLAN	12/20/2023	
ID-130	FUEL BUILDING - FINISH PLAN	12/20/2023	
AS-001	GENERAL STRUCTURAL NOTES	12/20/2023	
AS-100	OVERALL PLAN	12/20/2023	
AS-110	KIOSK PLANS	12/20/2023	
AS-120	STORAGE BUILDING PLANS	02/09/2024	ADD. 1
AS-130	FUEL BUILDING PLANS	12/20/2023	
AS-140	SUN SHADE PLANS	12/20/2023	
AS-301	TYPICAL DETAILS	12/20/2023	
AM-001	HVAC LEGEND, NOTES, AND SYMBOLS	12/20/2023	
AM-120	HVAC FLOOR PLAN - STORAGE BUILDING AND DETAILS		ADD. 1
AM-130	HVAC FLOOR PLAN - FUEL BUILDING, SCHEDULES, AND CONTROLS		
AP-001	PLUMBING LEGEND, NOTES, SCHEDULES, AND DETAILS		
AP-130	PLUMBING FLOOR PLAN - FUEL BUILDING AND ISOMETRIC DIAGRAMS	12/20/2023	
AE-001	ELECTRICAL SYMBOLS LIST AND SPECIFICATIONS	12/20/2023	
AE-110	KIOSK - ELECTRICAL PLAN	12/20/2023	
AE-120	STORAGE ROOM - ELECTRICAL PLAN	02/09/2024	ADD. 1
AE-130	FUEL BUILDING ELECTRICAL PLAN	12/20/2023	
AE-140	SYMBOLS LIST AND SPECIFICATIONS	12/20/2023	



Bid Specifications – Dated January 2024

Marine Specifications

Spec. Number	<u>Title</u>
06 13 33	Pier Timberwork
09 97 13	Coating of Steel Waterfront Structures
26 24 13	Switchboards
26 27 29	Marina Electrical Work
26 56 00	Exterior Lighting
31 41 16	Steel Sheet Piling
31 62 16	Steel Pipe Piles
31 62 19	Wood Marine Piles
33 05 10	Marina Piping and Equipment Systems
33 52 16	Fuel Piping and Equipment Systems
33 71 02	Underground Electrical
35 20 23	Dredging
35 51 13	Concrete Floating Dock Systems
35 51 14	Aluminum Floating Dock Systems (Bid Alternate)

Architectural Specifications

Spec. Number	<u>Title</u>
01 14 10	Material Testing
02 26 23	Asbestos Assessment
02 41 16	Building Demolition
02 41 19	Selective Demolition
03 29 00	Under-Slab Vapor Barrier/Retarder
03 30 00	Cast-in-Place Concrete
05 14 00	Structural Aluminum Framing
06 10 00	Rough Carpentry
06 16 00	Sheathing
07 21 00	Building Insulation
07 21 19	Foamed-In-Place Insulation
07 27 15	Nonbituminous Self-Adhering Sheet Air Barriers
07 41 16	Insulated Metal Roof Panels
07 46 46	Fiber-Cement Siding
07 54 23	Thermoplastic Polyolefin (TPO) Roofing

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Spec. Number	<u>Title</u>
07 62 00	Sheet Metal Flashing and Trim
07 92 00	Joint Sealants
08 11 13	Hollow Metal Door and Frames
08 16 13	Fiberglass Doors
08 41 13	Aluminum-Framed Entrances and Storefront
08 53 13	Vinyl Windows
08 71 00	Door Hardware
08 80 00	Glazing
08 95 43	Flood Vents
09 29 00	Gypsum Board
09 51 13	Acoustical Panel Ceilings
09 91 00	Painting
10 14 00	Signs
10 28 00	Toilet Accessories
10 73 16.23	Pre-Engineered Fabric Shade Products
12 36 61	Solid Surface Countertops
12 49 40	Roller Shades

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