



ADDENDUM #6

ITB# 2023-003

PROJECT: VOGEL PARK MARINE FACILITY

DATE: 8/23/2023

A. The purpose of this Addendum is to provide clarification to the Bid Documents with the revision of the Schedule of Bid Prices (Section 8, Form 8.3). The new Schedule of Bid Prices has a decrease in quantities for Items #21 & #22 from 142.7 to 2.7 and 42.4 to 2.4, respectively. In addition, “Exhibit C – Vogel Park Marine Facility – Waterward Portion 100% SS Plans” and “Exhibit D – Vogel Park Marine Facility – Upland Portion 100% SS Plans” have been revised.

- Replace the “REVISED FORM 8.3, Schedule of Bid Prices” with the attached “REVISED FORM 8.3, Schedule of Bid Prices 8/23/2023”. Failure to use the “Revised Form 8.3, Schedule of Bid Prices 8/23/2023” may result in the disqualification of your bid submittal.**
- Please see attached for the “Revised Exhibit C – Vogel Park Marine Facility – Waterward Portion 100% SS Plans”.**
- Please see attached for the “Revised Exhibit D – Vogel Park Marine Facility – Upland Portion 100% SS Plans”.**

This Addendum to the proposal is issued to provide additional information and clarification to the original proposal and is hereby declared a part of the original proposal and documents. In case of conflict, this Addendum shall govern.

All other terms and conditions of this ITB remain unchanged.

This Addendum shall be considered an integral part of the ITB and Contract Documents and this Addendum must be signed and returned with your submittal **by 2:00 p.m. on August 31, 2023**, and acknowledged on Form 8.2, Designated in Section 8. Failure to comply may result in the disqualification of your bid submittal.

Angela C. Atkinson

Angela Atkinson
Chief Financial Officer

Acknowledgement is hereby made of Addendum#6 to ITB#2023-003: VOGEL PARK MARINE FACILITY.

Authorized Signature

Firm

Printed, Title

Date

Email Address

SCHEDULE OF BID PRICES

For all work associated and described in the bid documents, drawings, and specifications. The cost of incidental work described in these Contract Requirements, for which there are no specific Contract and or contract line items, shall be considered as part of the general cost of doing the work and shall be included in the prices for the various Contract Items. No additional payment will be made. All rates quoted shall include travel means, labor and any and all equipment and tools required. All disposal charges should be included in the contractor's unit prices. There shall be no charges to and from the Village work sites.

A materials list with unit price shall be recorded and reviewed with Owner and Engineer at each Project Progress Meeting. Acceptances of quantities/materials list used to date are to be documented in the meeting minutes.

If these documentation and approval procedures are not followed by the contractor, a later request for award of unit price costs may be denied by the Owner and Engineer.

The Village intends to award a contract to the lowest Responsive and Responsible bidder as a basis for award. Items include all profit and overhead, incidentals, all labor, supervision, testing, machinery, equipment, tools, materials, cleanup, and other means of construction to successfully complete the project in accordance with specifications and construction documents herein.

Item	Description	Est. Qty	Unit	Price	Value
1.	Mobilization and Demobilization	1	LS	\$	\$
2.	Clearing and Grubbing	1	LS	\$	\$
3.	Regular Excavation	20	CY	\$	\$
4.	Type B Stabilization (12-inches)	17	SY	\$	\$
5.	Superpave Asphaltic Concrete, Traffic C, PG76-22	1	TN	\$	\$
6.	Concrete Sidewalk and Driveways, 4" thick	4	SY	\$	\$
7.	Walkway Ramp Transition	1	LS	\$	\$
8.	Performance Turf, Sod	11	SY	\$	\$
9.	Utility Pipe, Furnish and install, HDPE, water, ¾"	20	LF	\$	\$
10.	Utility Pipe, Furnish and Install Copper, Water, ¾"	5	LF	\$	\$
11.	Utility Fixture-Backflow Assembly, Furnish & Install, ¾"	1	EA	\$	\$
12.	Utility Pipe, Service connection, Furnish and Install Copper, Water, ¾"	1	EA	\$	\$
13.	General Requirements & Conditions (25%)	1	LS	\$	\$
14.	Mobilization and Demobilization	1	LS	\$	\$
15.	Turbidity Control and Monitoring	1	LS	\$	\$
16.	Construction Surveying	1	LS	\$	\$

REVISED FORM 8.3 SCHEDULE OF BID PRICES – 08/23/2023

ITB# 2023-003

Item	Description	Est. Qty	Unit	Price	Value
17.	Removal of Existing Fence	1	LS	\$	\$
18.	Furnish and install 12" Dia wood Mooring pile	1	EA	\$	\$
19.	Furnish and install 12" Dia wood boat lift pile	4	EA	\$	\$
20.	Furnish and install 14" Precast concrete piles	14	EA	\$	\$
21.	Furnish and install 72" wide cast-in-place concrete cap w/ rebar	2.7	CY	\$	\$
22.	Furnish and install 48" wide cast-in-place concrete cap w/ rebar	2.4	CY	\$	\$
23.	Furnish and install 14" Precast concrete beams 1' x 1'-4"	115	LF	\$	\$
24.	Furnish and install closure pours	1	EA	\$	\$
25.	Furnish and install grated decking	212	SF	\$	\$
26.	Furnish and install Fasteners	1	LS	\$	\$
27.	Furnish and install electrical lights	1	LS	\$	\$
28.	Furnish and install potable water line and upland connection	1	LS	\$	\$
29.	Furnish and install aluminum ladders	1	EA	\$	\$
30.	Furnish and install ADA ramp	1	LS	\$	\$
31.	Furnish and install kayak launch	1	LS	\$	\$
32.	Railing	54	LF	\$	\$
33.	Boat lift	1	LS	\$	\$
34.	Bonds & Insurance	1	LS	\$	\$
35.	Contractor Overhead and Profit	1	LS	\$	\$
36.	NBV Permit Allowance (5%)	1	LS	\$	\$
	TOTAL BID AMOUNT				\$

Estimated quantity is for bid evaluation purposes. Actual quantity and/or services may vary.

TRENCH SAFETY					
Item	Trench Safety Measure (Description)	Unit (Qty)	Unit of Measure (LF, SY)	Unit Cost	Extended Cost
A.					
B.					
C.					
Failure to complete the above may result in the bid being declared non-responsive					

ALL LINE ITEMS MUST ADD UP TO THE TOTAL COST OF THAT SECTION AND TOTAL COST OF THE BID SUBMITTAL

Submitted on this ____ day of _____, 20__.

a. (If an individual, partnership, or non-incorporated organization)

Signature of
BIDDER _____

By _____

b. (If a corporation)

(Affix Seal)

Signature of BIDDER _____

By _____

Attested by
Secretary _____

Incorporated under the laws of the State of _____.

BID PRICES WITHOUT THE MANUAL SIGNATURE OF AN AUTHORIZED AGENT OF THE BIDDER SHALL BE REJECTED AS NON-RESPONSIVE, NON-CONFORMING AND INELGIBLE FOR AWARD.

**REVISED EXHIBIT C – VOGEL PARK MARINE FACILITY –
WATERWARD PORTION 100% SS PLANS**

NORTH BAY VILLAGE PUBLIC WORKS & ENGINEERING

1666 KENNEDY CAUSEWAY, 3RD FLOOR
NORTH BAY VILLAGE, FL 33141



RFQ 2019-005

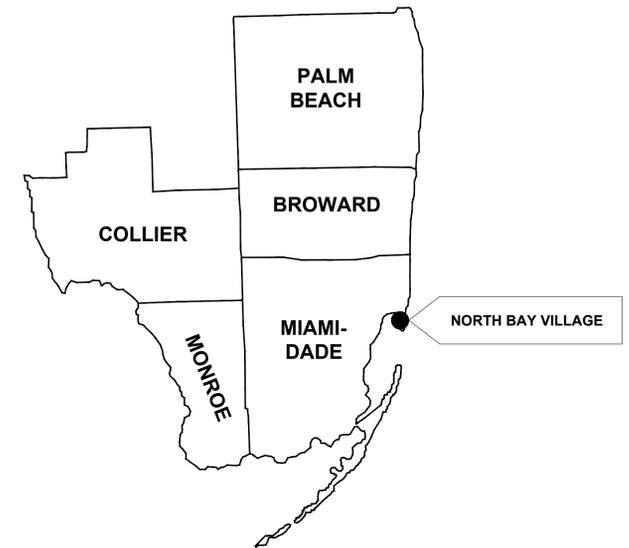
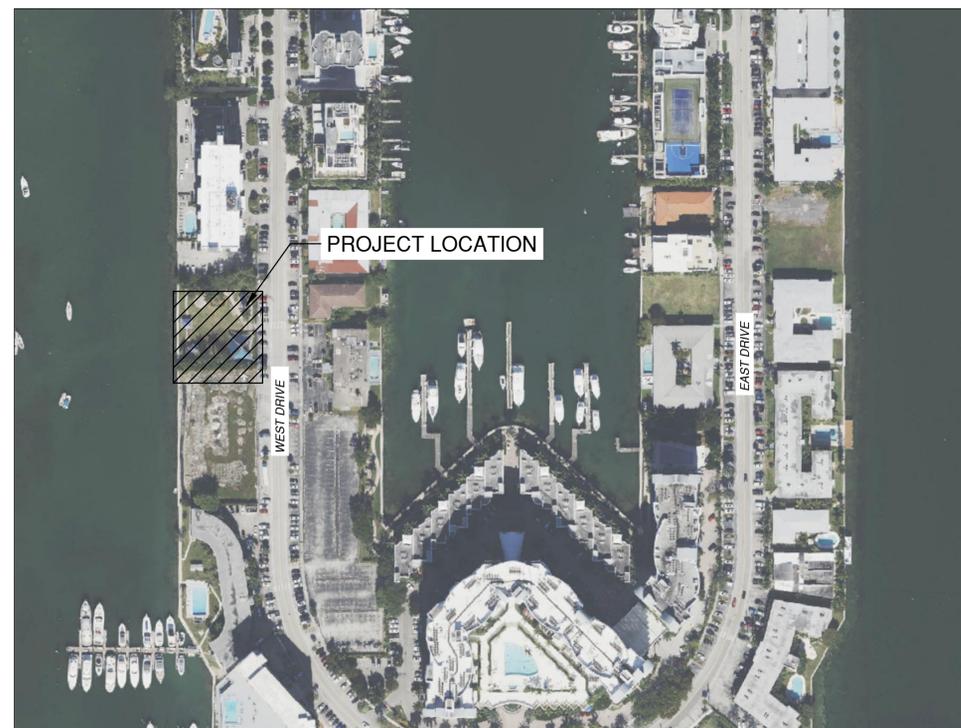
7920 WEST DR. NORTH BAY VILLAGE, FL 33141

VOGEL PARK MARINE FACILITY PHASE II

**BID SET
ITB 2023-003
AUGUST 2023**

INDEX OF SHEETS

G-0.0	COVER SHEET
G-1.0	SIGNATURE SHEET
C-1.0	GENERAL NOTES
C-2.0	SWPPP NOTES AND DETAILS
C-3.0	PAVING, GRADING AND WATER SERVICE PLAN
S-501	CONCRETE WALKWAY STRUCTURAL DETAILS



Vicinity Map
NTS

PROJECT LOCATION MAP

1" = 150'

NORTH BAY VILLAGE COMMISSION

MAYOR: BRENT LATHAM
VICE MAYOR: DR. RICHARD CHEVRONY
COMMISSIONERS: GORAN CUK
ANDY DARO
RACHEL STREITFELD, ESQ

VILLAGE MANAGER: RALPH ROSADO, Ph.D

THESE PLANS ARE NOT FINAL CONSTRUCTION DOCUMENTS UNTIL APPROVALS BY ALL PERMITTING AND JURISDICTIONAL AGENCIES HAVE BEEN OBTAINED. CONSTRUCTION WITHOUT ALL SAID APPROVALS IS AT THE SOLE RISK OF THE CONTRACTOR. ENGINEER IS NOT RESPONSIBLE FOR ANY CHANGES MADE DUE TO PERMITTING/JURISDICTIONAL DIRECTIONS. IF CONSTRUCTION PROCEEDS WITHOUT DUE AUTHORIZATION/APPROVALS.

WARNING!!! THERE ARE A NUMBER OF PUBLIC UTILITIES, COMMUNICATIONS, UNDERGROUND CABLES AND PIPES TRAVERSING THE PROJECT SITE AND ITS SURROUNDING. THE ENGINEER HAS MADE EVERY ATTEMPT TO SHOW THE APPROXIMATE LOCATION OF ALL ITEMS HORIZONTALLY AND VERTICALLY VIA AS-BUILT RECORDS WHERE AVAILABLE. HOWEVER, THE ENGINEER IS NOT RESPONSIBLE FOR SHOWING OR LOCATING EVERY ITEM CURRENTLY IN PLACE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE EVERY ITEM LOCATED, FLAGGED, AND IDENTIFIED PRIOR TO STARTUP OF CONSTRUCTION. ANY DAMAGE DONE TO ANY OF THE EXISTING ITEMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL REPAIR ANY ITEM DAMAGED, CAUSED BY HIS/ HER ACTIONS, WITH NO ADDITIONAL COMPENSATION.

TRENCH WORK SHALL COMPLY WITH OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS, 29 C.F.R.S. 1926.650 SUBPART P.



EAC Consulting, Inc.
5959 Blue Lagoon Dr, Suite 410
MIAMI, FL 33126
(305) 265-5400

PERMIT SET

MUST BE ON JOB SITE AT ALL TIMES DURING CONSTRUCTION.

NOTE

INSPECTIONS REQUIRED
24 HOURS PRIOR TO COMMENCING WORK IN PUBLIC RIGHT OF WAY CONTACT APPLICABLE RIGHT OF WAY JURISDICTION FOR INSPECTION.

SAFETY

IS PARAMOUNT FOR ALL CONSTRUCTION ACTIVITIES. APPLICABLE JURISDICTIONAL SAFETY REQUIREMENTS MUST BE ADHERED TO ALWAYS.

NOTE

APPROVAL OF THESE PLANS DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM JURISDICTIONAL AUTHORITIES.



8/18/2023
EVELYN L. RODRIGUEZ, P.E.
FL LICENSE No. 78548



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY EVELYN L. RODRIGUEZ, P.E.

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

EAC CONSULTING, INC
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
EVELYN L. RODRIGUEZ, P.E. NO. 78548

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, FAC

SHEET NO.	SHEET NAME
C-0.0	COVER SHEET
G-0.0	SIGNATURE SHEET
C-1.0	GENERAL NOTES
C-2.0	SWPPP NOTES AND DETAILS
C-3.0	PAVING, GRADING AND WATER SERVICE PLAN



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY LUDOVIC BINNER, P.E.

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

MOFFAT & NICHOL
2337 SW 27TH AVE, SUITE 101A
MIAMI, FL 33133
LUDOVIC BINNER, P.E. NO. 72274

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, FAC

SHEET NO.	SHEET NAME
G-1.0	SIGNATURE SHEET
S-501	CONCRETE WALKWAY STRUCTURAL DETAILS



NORTH BAY VILLAGE

CONSULTANT:



EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:

DESIGN TICKET NO. 089202493



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:

**VOGEL PARK
MARINE FACILITY
PHASE II**

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY
1	ADDENDUM NO. 1	8/18/2023	BW

DATE ISSUED: 8/21/2023

DESIGNED BY: ER

DRAWN BY: BW

REVIEWED BY: MA

SEAL:

8/18/2023
EVELYN L. RODRIGUEZ, P.E.
FL LICENSE No. 78548

SHEET TITLE:

**SIGNATURE
SHEET**

SHEET NO.

G-1.0

BID SET

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"X36" IF PLOTTED ON OTHER SIZE. EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. L:\PROJECT\19PROJECT\19PROJECT\19075.LD01-09_VOGEL PARK MARINE FACILITY PHASE 2\CIVILDRAWINGS\C-0.0 INDEX OF DRAWINGS.DWG August 21, 2023 10:19 AM BRIANNA WOODFOLK

CONSTRUCTION NOTES

- 1. ALL CONSTRUCTION ASSOCIATED WITH THIS PROJECT SHALL BE IN ACCORDANCE WITH APPLICABLE CODES OF AUTHORITIES HAVING JURISDICTION, INCLUDING BUT NOT LIMITED TO THE FLORIDA ADMINISTRATIVE CODE 62-555 & 62-610 AND ALL LOCAL AGENCIES INCLUDING: NORTH BAY VILLAGE PUBLIC WORKS, THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) MIAMI DADE DEPARTMENT OF REGULATORY & ENVIRONMENTAL RESOURCES (MDER), AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STANDARDS, CRITERIA & REGULATIONS. ANY DISCREPANCY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER & ENGINEER OF RECORD.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GETTING FAMILIARIZED WITH THE PROJECT SITE TO DETERMINE TOPOGRAPHIC OR UNDERGROUND FEATURES THAT WILL BE IMPACTED FROM AND DUE TO CONSTRUCTION. THE CONTRACTOR'S BID PRICE SHALL INCLUDE THE COST OF RELOCATING, ADJUSTING AND OR REPLACING IN KIND ANY FEATURES IMPACTED INCLUDING BUT NOT LIMITED TO TREES, UTILITY BOXES, SIGNAGE, POSTS, FENCES, GATES, HYDRANTS, POLES, VALVES, ETC. FINAL DISPOSITION OF IMPACTED FEATURE SHALL BE SUBJECT TO ACCEPTANCE OF OWNER OR AGENCY OR AUTHORITY HAVING JURISDICTION.
3. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES AND UTILITIES WHICH MAY OR MAY NOT BE SHOWN ON PLANS/DRAWINGS.
4. CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL AT LEAST (72) HOURS PRIOR TO PERFORMING ANY EXCAVATION / DIGGING TO VERIFY THE EXACT LOCATION OF EXISTING UTILITIES.
5. THE LOCATION & SIZE OF EXISTING UTILITIES SHOWN ON THESE PLANS/DRAWINGS ARE APPROXIMATE. ADDITIONAL UTILITIES MAY EXIST WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY ALL UTILITIES BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH UTILITIES AGENCIES PRIOR TO BEGINNING CONSTRUCTION. ALL CONFLICTS WITH EXISTING UTILITIES SHALL BE RESOLVED PRIOR TO CONSTRUCTION. THIS IS CONSIDERED INCIDENTAL TO OVERALL CONSTRUCTION AND NO ADDITIONAL COMPENSATION SHALL BE PROVIDED.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROMPTLY REPORTING ANY DISCREPANCIES RELATING TO SITE CONDITIONS.
7. CONTRACTOR SHALL TAKE ADEQUATE MEASURES TO ENSURE SAFETY WHEN WORKING IN THE VICINITY OF OVERHEAD ELECTRICAL, TELEPHONE, COMMUNICATIONS AND OTHER UTILITIES.
8. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR LEAVE EXCAVATED TRENCHES OPEN, UNCOVERED, EXPOSED AND UNATTENDED TO.
9. CONTRACTOR SHALL KEEP THE SITE FREE OF DEBRIS, TRASH AND CONSTRUCTION WASTES. DEBRIS STOCKPILED FOR HAULING SHALL BE STORED AND SHALL BE ADEQUATELY MARKED AT ALL TIMES FOR TRAFFIC AND PEDESTRIAN SAFETY.
10. THE ENTIRE PROJECT SITE SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF THE WORK. CLEAN ALL INSTALLED PIPELINES, STRUCTURES, SIDEWALKS, PAVED AREAS, ACCUMULATED SILT IN PONDS, PLUS ALL ADJACENT AREAS AFFECTED BY CONSTRUCTION, AS DIRECTED BY THE OWNER OR JURISDICTIONAL AGENCY. EQUIPMENT TO CLEAN THESE SURFACES SHALL BE SUBJECT TO APPROVAL BY THE OWNER.
11. CONSTRUCTION HOURS AND NOISE CONTROL SHALL COMPLY WITH LOCAL JURISDICTIONAL ORDINANCES, CODES AND REQUIREMENTS.
12. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND/OR APPROVALS PRIOR TO THE START OF CONSTRUCTION.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING DAMAGED ALL TRAFFIC & NON TRAFFIC SIGNAGE WITH NEW SIGNS IN THEIR PRE-CONSTRUCTION LOCATIONS AND CONDITIONS. THE CONTRACTOR SHALL SURVEY THE LOCATIONS, DIMENSIONS, COLOR AND OTHER RELEVANT CHARACTERISTICS OF THE EXISTING SIGNS PRIOR TO CONSTRUCTION. ALL CONSTRUCTION EFFORTS AND EXPENSES TO REPLACE DAMAGED OR IMPACTED SIGNS SHALL BE ASSUMED INCLUDED IN THE CONTRACTOR'S BID PRICE.
14. DEWATERING OPERATIONS REQUIRED FOR CONSTRUCTION SHALL BE APPROVED AND PERMITTED BY LOCAL JURISDICTIONAL AGENCY /AGENCIES AND AUTHORITY/AUTHORITIES. COST OF DEWATERING AND PERMITTING EXPENSES SHALL BE BORNE BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
15. ALL AREAS IMPACTED BY THE CONSTRUCTION, SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER AND SHALL BE ACCEPTED BY RESPONSIBLE OWNER, JURISDICTION OR AGENCY.
16. IN THE EVENT CONTAMINATED MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP WORK AND IMMEDIATELY NOTIFY EOR, OWNER AND APPLICABLE REGULATORY AND JURISDICTIONAL AGENCY OR AGENCIES.
17. SURVEY MONUMENTS WITHIN THE LIMITS OF THE PROJECT SHALL BE PROTECTED AND SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST IF DAMAGED DURING CONSTRUCTION.
18. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH EXISTING UTILITY OWNERS AND COMPANIES FOR TEMPORARY AND/OR PERMANENT RELOCATION AND ADJUSTMENT TO FACILITATE CONSTRUCTION.
19. ALL ELEVATIONS SHOWN ON THE PLANS/DRAWINGS REFER TO THE (NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988. BENCHMARKS USED ARE THOSE IDENTIFIED ON THE SURVEY PREPARED BY OLIN HYDROGRAPHIC SOLUTIONS, LR #7399 ON 09/23/2021.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT CONSTRUCTION IS EXECUTED SAFELY AND IN STRICT COMPLIANCE WITH ALL REQUIREMENTS OF FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) OF 1970, AND ALL STATE AND LOCAL SAFETY AND HEALTH REGULATORY ORDINANCES.
21. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN AND VEHICULAR ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES UNLESS OTHERWISE APPROVED BY REGULATORY AUTHORITIES.
22. THE CONTRACTOR SHALL NOT ENCROACH INTO PRIVATE PROPERTY WITH PERSONNEL, MATERIAL AND EQUIPMENT.
23. CONTRACTOR SHALL VERIFY THE PRESENCE OF HISTORICAL AND CULTURAL ARTIFACTS AND RESOURCES ON THE SITE PRIOR TO CONSTRUCTION. IF PRESENT, THE CONTRACTOR SHALL CONTACT THE LOCAL JURISDICTIONAL AGENCY, OWNER AND EOR.
24. NO STAGING OR ACTIVITIES SHALL BE PERFORMED WITHIN THE DRIP LINE OF EXISTING TREES.
25. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING THE MATERIALS REQUIRED FOR CONSTRUCTION. PRIOR TO SUBMISSION, THE CONTRACTOR SHALL THOROUGHLY CHECK SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES FOR COMPLETENESS AND FOR COMPLIANCE WITH THE CONSTRUCTION PLANS/DRAWINGS AND SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND SHALL COORDINATE THE SHOP DRAWINGS WITH THE REQUIREMENTS FOR OTHER RELATED WORK. THE CONTRACTOR'S RESPONSIBILITY FOR ERRORS AND OMISSIONS IN SUBMITTALS IS NOT RELIEVED BY THE ENGINEER'S REVIEW OF SUBMITTALS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD, IN WRITING AT THE TIME OF SUBMISSION, OF DEVIATIONS IN SUBMITTALS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
26. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION TESTING, INCLUDING BUT NOT LIMITED TO:
A. PIPING AND STRUCTURAL EXCAVATION, BEDDING AND BACKFILL MATERIALS AND DENSITY TESTS.
B. DETERMINATION OF COMPACTIVE EFFORT NEEDED FOR COMPLIANCE WITH THE DENSITY REQUIREMENTS
C. CONCRETE AND ASPHALT PAVING INCLUDING DESIGN MIX REVIEW, MATERIALS, FIELD SLUMP AND AIR CONTENT, AND FIELD AND LAB CURED STRENGTH SAMPLES AND TESTING.
26.26. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED TESTING OR APPROVALS FOR ANY WORK (OR ANY PART THEREOF) IF LAWS OR REGULATIONS OF ANY PUBLIC BODY HAVING JURISDICTION SPECIFICALLY REQUIRE TESTING, INSPECTIONS OR APPROVAL. THE CONTRACTOR SHALL PAY ALL COSTS IN CONNECTION THEREWITH AND SHALL FURNISH THE OWNER AND ENGINEER THE REQUIRED CERTIFICATES OF INSPECTION, TESTING OR APPROVAL.
27. ANY DESIGN OR TESTING LABORATORY UTILIZED BY THE CONTRACTOR SHALL BE AN INDEPENDENT LABORATORY ACCEPTABLE TO THE OWNER AND THE ENGINEER, APPROVED IN WRITING, AND COMPLYING WITH THE LATEST EDITION OF THE "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION", PUBLISHED BY THE AMERICAN COUNCIL OF INDEPENDENT LABORATORIES.
28. TESTING RESULTS SHALL BE PROVIDED TO THE OWNER AND THE ENGINEER. ALL TEST RESULTS SHALL BE PROVIDED (PASSING AND FAILING) ON A REGULAR AND IMMEDIATE BASIS.
29. AS-BUILT DRAWING REQUIREMENTS
A. AS-BUILT DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO THE ENGINEER THREE WEEKS PRIOR TO FINAL INSPECTION. ALL AS-BUILT DATA SHALL BE PROVIDED BY A FLORIDA LICENSED SURVEYOR, SIGNED, SEALED AND DATED BY THE RESPONSIBLE PARTY.
B. AT THE COMPLETION OF THE WORK, CONTRACTOR SHALL DELIVER THE DRAWINGS DOCUMENTING AS-BUILT INFORMATION, MEASURED BY A LICENSED SURVEYOR, TO THE ENGINEER, IN GOOD CONDITION AND FREE FROM ANY EXTRANEOUS NOTATION. THE AS-BUILT INFORMATION IS TO INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:
i. HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS FOR ALL UTILITY AND STORM STRUCTURES INCLUDING BUT NOT LIMITED TO MANHOLES, INLETS AND CLEANOUTS, INCLUDING STRUCTURE TOP AND INVERT ELEVATIONS.
ii. DISTANCE ALONG PIPELINES BETWEEN STRUCTURES.
iii. HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS OF ALL UTILITY VALVES, FITTINGS, CONNECTION POINTS, ETC.
vii. VERTICAL ELEVATIONS OF ALL PIPELINES AT CROSSINGS OF POTABLE WATER MAINS (WHETHER THE WATER MAIN IS EXISTING OR NEW) IN ORDER TO DOCUMENT THAT THE MINIMUM REQUIRED VERTICAL SEPARATION HAS BEEN MET.
viii. HORIZONTAL AND VERTICAL DATA FOR ANY CONSTRUCTION THAT DEVIATES FROM THE APPROVED ENGINEERING DRAWINGS.
xii. WHERE THE PLANS/DRAWINGS CONTAIN SPECIFIC HORIZONTAL LOCATION DATA, SUCH AS STATION AND OFFSET, THE AS-BUILT DRAWINGS ARE TO REFLECT THE ACTUAL HORIZONTAL LOCATION.
xiii. WHERE THE PLANS/DRAWINGS CONTAIN SPECIFIC VERTICAL ELEVATION DATA, THE AS-BUILT DRAWINGS ARE TO REFLECT THE ACTUAL MEASURED VERTICAL ELEVATION.

APPLICABLE JURISDICTIONS, CODES AND STANDARD REQUIREMENTS

- 1. CODE OF ORDINANCES FOR NORTH BAY VILLAGE, FLORIDA
2. MIAMI-DADE DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER).
3. FLORIDA ADMINISTRATIVE CODE (FAC).
4. FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) ROADWAY DESIGN STANDARDS (CURRENT EDITION).
5. FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL.
6. AMERICANS WITH DISABILITIES ACT & ACCESSIBILITY GUIDELINES (ADA).
7. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA).
8. TEN STATE STANDARDS FOR WATER WORKS
9. NORTH BAY VILLAGE PUBLIC WORKS DEPARTMENT

APPLICABLE FLORIDA DEPARTMENT OF TRANSPORTATION TECHNICAL SPECIFICATIONS

Table listing technical specifications for Florida Department of Transportation, including items like Mobilization, Maintenance of Traffic, Excavation and Embankment, etc.

APPLICABLE MIAMI-DADE COUNTY PUBLIC WORKS TECHNICAL SPECIFICATIONS

Table listing technical specifications for Miami-Dade County Public Works, including items like Mobilization, Maintenance of Traffic, Earthwork and Related Operations, etc.

APPLICABLE MIAMI DADE WATER AND SEWER DEPARTMENT TECHNICAL SPECIFICATIONS

Table listing technical specifications for Miami Dade Water and Sewer Department, including items like Site Conditions, Safety Requirements and Protection of Property, Grades, Lines and Levels, etc.

- 1. WHEREVER THE SPECIFIED SECTIONS OF THE ABOVE REFERENCES SPECIFICATIONS ARE IN CONFLICT OR IN CONFLICT WITH PLAN NOTES/DIRECTION THE MORE STRINGENT REQUIREMENT GOVERNS.
2. CONTRACTOR SHALL IMMEDIATELY NOTIFY EOR OF CONFLICT TIMELY AND RECEIVE ACCEPTANCE OF RESOLUTION PRIOR PROCEEDING.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL COST OR DELAYS RESULTING FROM NOT NOTIFYING THE EOR IN A TIMELY MANNER.

TRAFFIC CONTROL PLANS

- 1. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA DOT DESIGN STANDARDS (600 SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS MINIMUM CRITERIA
2. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE. DOT OR MOT PHASE CHANGE SHALL BE SUBMITTED WITH THE REQUIRED LANE CLOSURE FORM, SKETCHES, CALCULATIONS, AND OTHER DATA TO THE ENGINEER.
3. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSE LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
4. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
5. TRAFFIC CONTROL PLANS ARE DESIGN FOR NON-PEAK HOURS ONLY. THE CONTRACTOR SHALL KEEP ALL EXISTING LANES OPEN DURING PEAK HOURS.
6. THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
7. CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY REMOVING, RELOCATING, COVERING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORM WATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC IN A MANNER APPROVED BY THE ENGINEER. COST FOR REMOVING THE WATER SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
9. THE COST OF REMOVAL OF WORK ZONE PAVEMENT MARKINGS (INCLUDING PAINT, REMOVABLE TAPE AND MARKERS), REGARDLESS OF METHOD, COST OF REMOVAL OF PAVEMENT MARKINGS AND MARKERS, EXISTING PRIOR TO CONSTRUCTION, TO BE INCLUDED IN MAINTENANCE OF TRAFFIC, PAY ITEM 102-1. USE OF BLACK PAINT TO COVER EXISTING AND/OR TEMPORARY PAVEMENT MARKING IS PROHIBITED. GRINDING OR MILLING SHALL ONLY BE PERMITTED IN NON-TRAFFIC AREAS.
10. ALL TEMPORARY STRIPES AND MARKINGS SHALL BE PAINT ONLY, UNLESS OTHERWISE SPECIFIED ON THE PLANS OR APPROVED BY THE ENGINEER.
11. ARROWS ON THE MOT DENOTE THE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS UNLESS SPECIFICALLY NOTED.
12. EACH EXISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION OF THE PROJECT. WHEN NO LONGER AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
13. CONTRACTOR SHALL PREPARE AND SUBMIT AN ACCEPTABLE MOT PLAN FOR THE PROJECT. THE MOT PLAN SHALL BE SUBMITTED TO THE APPLICABLE REGULATORY JURISDICTION FOR THIS PROJECT FOR REVIEW AND APPROVAL.
PEDESTRIANS, BICYCLES AND ACCESSIBLE USERS :
1. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF GREATER THAN 6 IN. ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FLUSH WITH SAID PATHS OR PROTECTED WITH TEMPORARY FENCE, CONCRETE BARRIER WALL OR APPROVED HANDRAIL. COST SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
2. CONSTRUCTION ACTIVITIES THAT INVOLVE SIDEWALKS ON BOTH SIDES OF THE STREET ARE NOT ALLOWED UNLESS APPROVED BY THE RESPONSIBLE REGULATORY JURISDICTION..

SCALES USED ON DRAWINGS/PLANS:

- 1. CONTRACTOR SHALL BE AWARE THAT DRAWING SCALE SHOWN ON PLANS CORRESPONDS TO PLOT SIZE OF 24" x 36". IF DRAWING IS PLOTTED ON OTHER SIZE SHEET ENGINEER OF RECORD DOES NOT WARRANT ACCURACY OF DRAWING SCALE.

UTILITY PROVIDERS AS IDENTIFIED BY SUNSHINE STATE ONE CALL OF FLORIDA (811)

DESIGN TICKET NO. 089202493

HOTWIRE COMMUNICATIONS

WALTER DAVILA
MIRAMAR, FL, 33027
(954) 699-0900

TECO PEOPLES GAS SOUTH

JOAN DOMING
15779 W DIXIE HWY
NORTH MIAMI BEACH,
FL 33162
PHONE: 813-275-3783

DADE COUNTY PUBLIC WORKS AND TRAFFIC

OCTAVIO VIDAL
7100 NW 36TH ST
MIAMI, FL 33166
PHONE: 305-412-0891 EXT: 201

FLORIDA POWER & LIGHT-DADE

EDGAR AGUILAR
10705 QUAIL ROOST DR
MIAMI, FL 33157
PHONE: 386-586-6403

AT&T DISTRIBUTION

DINO FARRUGGIO
1120 SOUTH ROGERS CIR
BOCA RATON, FL 33487
PHONE: 561-997-0240

ATLANTIC BROADBAND

SHERELL MCKAY
RICHARDSON, TX 75081
PHONE: 786-218-9248

ABBREVIATIONS

Table of abbreviations including ABD (Abandoned), AC (Asbestos Cement), ADA (American with Disabilities Act), LF (Linear Foot), LP (Light Pole), etc.



CONSULTANT:
EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:



PROJECT:
VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

Table with columns: NO., DESCRIPTION, DATE, BY. Row 1: 1, ADDENDUM NO. 1, 8/18/2023, BW.

DATE ISSUED: 8/21/2023

DESIGNED BY: ER

DRAWN BY: BW

REVIEWED BY: MA

SEAL:



8/18/2023
'EVELYN L. RODRIGUEZ, P.E.'
FL LICENSE No. 78548

SHEET TITLE:

GENERAL NOTES

SHEET NO.

C-1.0

BID SET

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"x36". IF PLOTTED ON OTHER SIZE EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. L:\PROJECT\PROJECT 19075.LD01-09 VOGEL PARK MARINE FACILITY PHASE 2\CIVIL\DRAWINGS\C-1.0 GENERAL NOTES.DWG August 21, 2023 10:05 AM BRANNAN.WOOLFE

SWPPP & NPDES PERMIT NOTES

- ALL CONSTRUCTION PROJECTS 1 OR MORE ACRES IN SIZE THAT DISCHARGE TO OFFSITE AREAS ARE REQUIRED TO COMPLY WITH THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORMWATER DISCHARGE FROM SMALL AND LARGE CONSTRUCTION ACTIVITIES. IN ORDER TO MEET NPDES REQUIREMENTS, THE CONTRACTOR IS RESPONSIBLE FOR PREPARING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP), IMPLEMENTING, INSPECTING, MAINTAINING, AND REPORTING ON ALL ELEMENTS OF THE SWPPP, COMPLETING AND SUBMITTING THE REQUIRED NOTICE OF INTENT (NOI) AND NOTICE OF TERMINATION (NOT) FORMS AS THE OPERATOR, AND PAYING ALL ASSOCIATED FEES. FOR PROJECTS LESS THAN 1 ACRE IN SIZE THAT ARE NOT REQUIRED TO COMPLY WITH THE NPDES GENERAL PERMIT, THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO AND DURING CONSTRUCTION IN ACCORDANCE WITH APPLICABLE DRAWINGS AND/OR SPECIFICATIONS.
- THE CONTRACTOR SHALL UTILIZE A STREET SWEEPER (USING WATER) OR OTHER LOCAL JURISDICTION APPROVED EQUIPMENT FOR CONTROLLING AND REMOVING DUST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE & REPAIRS OF EROSION & SEDIMENT CONTROL/SWPP DEVICES PER THE FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION (CURRENT EDITION). THE MAINTENANCE OF THESE DEVICES WILL OCCUR UNTIL THE OWNER'S REPRESENTATIVE HAS DEEMED AN AREA PERMANENTLY STABILIZED. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AFTER COMPLETION OF THE PROJECT.
- CONFORMANCE WITH SWPPP SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITIES TO PROTECT ADJACENT PROPERTIES, FEATURES & NATURAL ENVIRONMENT FROM THE POSSIBLE DAMAGE IMPACT THAT MAY ARISE BECAUSE OF THE CONSTRUCTION.
- CONTRACTOR SHALL VERIFY THAT ALL DRAINAGE STRUCTURES, WITHIN THE PROJECT LIMITS WHETHER INDICATED ON THE PLANS OR NOT, ARE PROTECTED IN ACCORDANCE WITH THE ESTABLISHED METHODS.
- DUST, RESULTING FROM PROPOSED DEMOLITION ACTIVITIES, SHALL BE PREVENTED FROM INTRUSION INTO THE STORMWATER CONVEYANCE SYSTEM. APPROPRIATE DUST CONTROL TECHNIQUES (WATER OR SLURRY) SHALL BE RETAINED ON SITE. THE USE OF CALCIUM CHLORIDE, OILS OR OTHER CHEMICAL DUST CONTROL AGENTS IS PROHIBITED FROM THIS PROJECT.
- CONTRACTOR SHALL INSTALL PERIMETER POLLUTION PREVENTION CONTROLS AFTER CLEARING & GRUBBING BUT BEFORE BEGINNING OTHER CONSTRUCTION PHASES. CONTRACTOR SHALL REMOVE PERIMETER CONTROLS ONLY AFTER ALL AREAS HAVE BEEN STABILIZED.
- CONTRACTOR SHALL MAINTAIN THE EXISTING DRAINAGE FLOW PATTERNS DURING CONSTRUCTION.
- CONTRACTOR SHALL MONITOR ALL POLLUTION CONTROL DEVICES TO ENSURE SUFFICIENT CONVEYANCE OF STORMWATER RUNOFF DURING CONSTRUCTION.
- CONTRACTOR SHALL COVER LOADED TRUCKS WITH TARPULINS.
- CONTRACTOR SHALL REMOVE DIRT AND SEDIMENTS FROM ROADS DAILY.
- CONTRACTOR SHALL STABILIZE CONSTRUCTION ENTRANCES ACCORDING TO FDOT EROSION & SEDIMENT CONTROL MANUAL SOIL TRACKING PREVENTION DEVICE DETAIL.
- CONTRACTOR SHALL REMOVE BUILT UP SEDIMENT FROM THE STAKED SILT FENCE WHEN IT REACHES ONE-THIRD OF THE FENCE BARRIER OR WHENEVER FLOW IS IMPEDED.
- CONTRACTOR SHALL INSPECT POLLUTION CONTROL DEVICES AT LEAST ONCE EVERY SEVEN CALENDAR DAYS & WITHIN 24 HOURS OF THE END OF A STORM, THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL & MAINTAIN RAIN GAGES & RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO VERIFY THAT CONTROLS INSTALLED IN THE FIELD COMPLY WITH APPROVED NPDES/NOI PERMIT CONDITIONS.
- WITHIN 24 HOURS OF INSPECTION, THE CONTRACTOR SHALL INITIATE REPAIRS TO THE CONTROL DEVICES THAT THE INSPECTION INDICATES ARE NOT IN ACCEPTABLE WORKING CONDITIONS.
- CONTRACTOR SHALL INSTALL SOIL TRACKING PREVENTION DEVICES (STPD) (PER FDOT STANDARDS) AT POINTS WHERE TRAFFIC LEAVES OR ENTER DISTURBED AREAS SUCH AS WORK ZONES STOCKPILE AREAS. CONTRACTOR SHALL INSTALL STPD PRIOR TO THE ASSOCIATED AREA BEING DISTURBED.
- CONTRACTOR SHALL NOT ALLOW SEDIMENTS TO ACCUMULATE WITHIN DRAINAGE STRUCTURE & CONVEYANCE PIPELINES. STRUCTURES & PIPELINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATIONS SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- CONTRACTOR SHALL PROTECT STOCKPILE OF EARTH & OTHER CONSTRUCTION RELATED MATERIAL AGAINST ACCIDENTAL TRANSPORTATION FROM PROJECT SITE BY WIND & WATER FLOW.
- CONTRACTOR SHALL PROTECT ALL STORM DRAINAGE SYSTEMS MADE OPERABLE DURING CONSTRUCTION FROM SEDIMENT(S) INTRUSION.
- CONTRACTOR SHALL SUBMIT MODIFICATIONS OR CHANGES TO THE INFORMATION DEPICTED ON THE SWPP NOTES AND/OR DRAWINGS TO THE EOR/JURISDICTIONS FOR APPROVAL.
- ALL APPLICABLE PERMITS RELATING TO THE INSTALLATION OF THESE MEASURES SHALL BE SECURED PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL, LATEST EDITION: JULY 2013

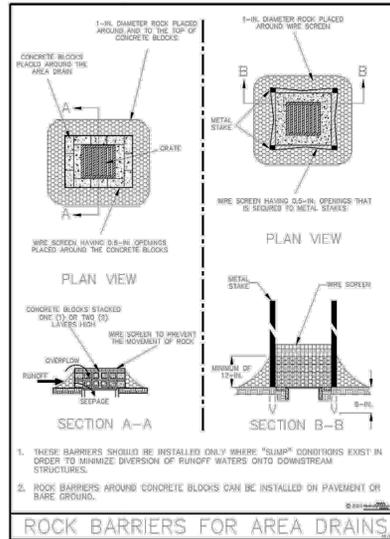


Figure V-13: Illustration of Rock Barriers around Area Drains
Permission is given by HydroDynamics Incorporated to copy and reproduce this detail.
V-32

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL, LATEST EDITION: JULY 2013

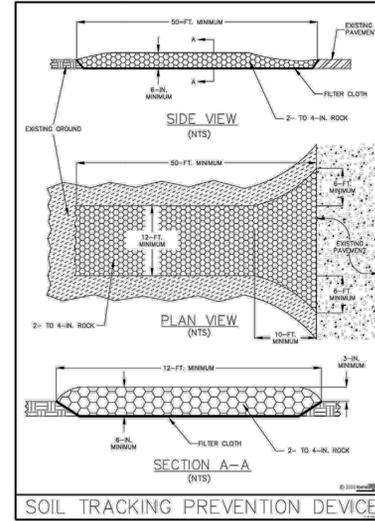


Figure V-19: Illustration of a Soil Tracking Prevention Device
Permission is given by HydroDynamics Incorporated to copy and reproduce this detail.
V-44

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL, LATEST EDITION: JULY 2013

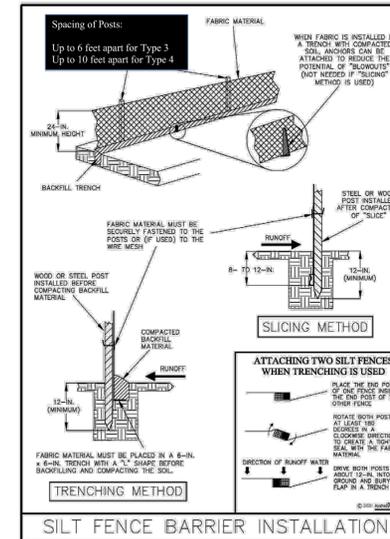


Figure V-2: Illustration of a Silt Fence Barrier
Permission is given by HydroDynamics Incorporated to copy and reproduce this detail.
V-7

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL, LATEST EDITION: JULY 2013

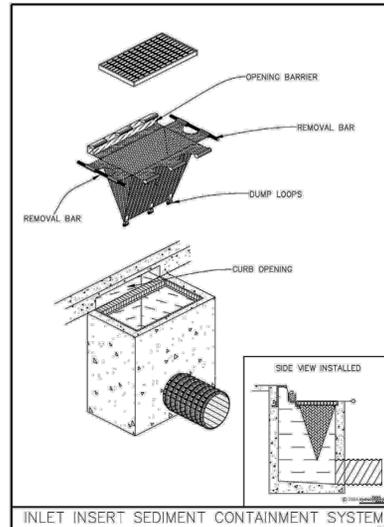


Figure V-18: Illustration of an Inlet Insert Sediment Containment System
Permission is given by HydroDynamics Incorporated to copy and reproduce this detail.
V-42



NORTH BAY VILLAGE

CONSULTANT:



EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:

DESIGN TICKET NO. 089202493



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:

VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY
1	ADDENDUM NO. 1	8/18/2023	BW

DATE ISSUED: 8/21/2023

DESIGNED BY: ER

DRAWN BY: BW

REVIEWED BY: MA

SEAL:



8/18/2023
EVELYN L. RODRIGUEZ, P.E.
FL LICENSE No. 78548

SHEET TITLE:

SWPPP NOTES AND DETAILS

SHEET NO.

C-2.0

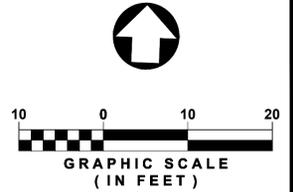
BID SET

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"x36". IF PLOTTED ON OTHER SIZE EDR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. L:\PROJECTS\PROJECT\19075.LD01-09 VOGEL PARK MARINE FACILITY PHASE II\DRAWINGS\C-1.0 GENERAL NOTES.DWG August 21, 2023 10:05 AM BIRHANNA.WOLF@EAC.COM



NORTH BAY VILLAGE



LEGEND

- RIGHT OF WAY/PROPERTY LINE
PARCEL BOUNDARY
EXISTING WATER MAIN
EXISTING SANITARY SEWER MAIN
MATCH EXISTING ELEVATION
NEW SOD WITH TOP SOIL
NEW CONCRETE SIDEWALKS (4" THICK)
NEW ASPHALT PAVEMENT (2.0" TYPE SP-9.5)
PAVEMENT RESTORATION (2.0" TYPE SP-9.5)

CONSULTANT: EAC Consulting, Inc. 5959 BLUE LAGOON DRIVE, SUITE 410 MIAMI, FL 33126

SUB-CONSULTANT:

DESIGN TICKET NO. 089202493 SunshineGI

PROJECT:

VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

Table with columns: NO., DESCRIPTION, DATE, BY. Row 1: 1, ADDENDUM NO. 1, 8/18/2023, BW

DATE ISSUED: 8/21/2023

DESIGNED BY: ER

DRAWN BY: BW

REVIEWED BY: MA

SEAL:



8/18/2023 EVELYN L. RODRIGUEZ, P.E. FL LICENSE No. 78548

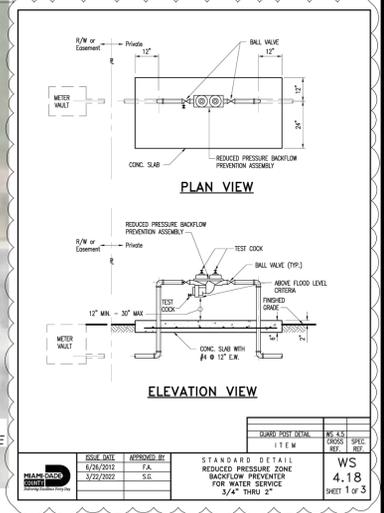
SHEET TITLE:

PAVING AND WATER SERVICE PLAN

SHEET NO.

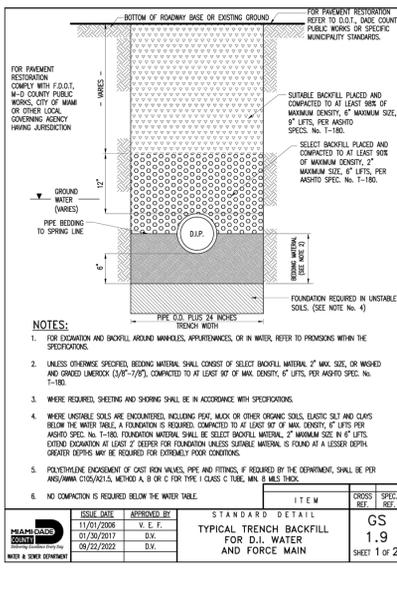
C-3.0

BID SET



GRADING NOTES: ENGINEERS NOTES: HEALTH DEPARTMENT NOTES: WATER MAINS HORIZONTAL SEPARATIONS:

- 1. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL REQUEST ELECTRONIC FILES CONTAINING PROPOSED SITE GRADES FROM EOR.
2. THE CONTRACTOR SHALL UTILIZE THE SERVICES OF A LICENSED PROFESSIONAL SURVEYOR IN ESTABLISHING THE PROPOSED SITE GRADING BASED ON ELECTRONIC CAD FILES PROVIDED BY EOR.
3. GRADING SHOWN ON THESE PLANS DRAWINGS ARE PROVIDED TO THE CONTRACTOR TO EXPRESS THE GENERAL GRADING INTENT OF THE PROJECT.
4. CONTRACTOR SHALL ENSURE SMOOTH TRANSITIONS ARE PROVIDED BETWEEN CONTOURS OR SPOT ELEVATIONS AS SHOWN ON THE PLANS/DRAWINGS TO ACCOMPLISH THE GRADING INTENT.
5. CONTRACTOR SHALL UNIFORMLY SMOOTH GRADE THE SITE, DEPRESSIONS FROM SETTLEMENT SHALL BE FILLED AND COMPACTED.
6. CONTRACTOR SHALL ENSURE THAT GRADING WITHIN 10 FEET OF STRUCTURES SHALL BE WITHIN 0.5 INCH OF THE PROPOSED GRADE.
7. NEWLY GRADED AREAS SHALL BE PROTECTED FROM TRAFFIC AND EROSION.
8. SITE GRADING CONTRACTOR SHALL HAVE A MINIMUM OF (10) YEARS OF EXPERIENCE IN PERFORMING SITE GRADING CONSTRUCTION.
9. CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER PRIOR TO DEMOBILIZATION OF GRADING EQUIPMENT TO DETERMINE THAT THE GRADING INTENT HAS BEEN ACHIEVED.



- 1. SEPARATIONS SHALL BE MEASURED OUTSIDE EDGE TO OUTSIDE EDGE BETWEEN WATER MAINS AND STORM SEWERS, STORMWATER FORCE MAINS, OR RECLAIMED WATER LINES, SHALL BE 3 FEET MINIMUM.
2. BETWEEN WATER MAINS AND VACUUM TYPE SEWER PREFERABLY 10 FEET AND AT LEAST 3 FEET MINIMUM.
3. GRAVITY OR PRESSURE SANITARY SEWERS, WASTEWATER FORCE MAINS OR RECLAIMED WATER PREFERABLY 10 FEET AND AT LEAST 6 FEET, MAY BE REDUCED TO 3 FEET WHERE BOTTOM OF WATER MAINS IS AT LEAST 6 INCHES ABOVE TOP OF SEWER.
4. 10 FEET TO ANY PART OF ON-SITE SEWER TREATMENT OR DISPOSAL SYSTEM.

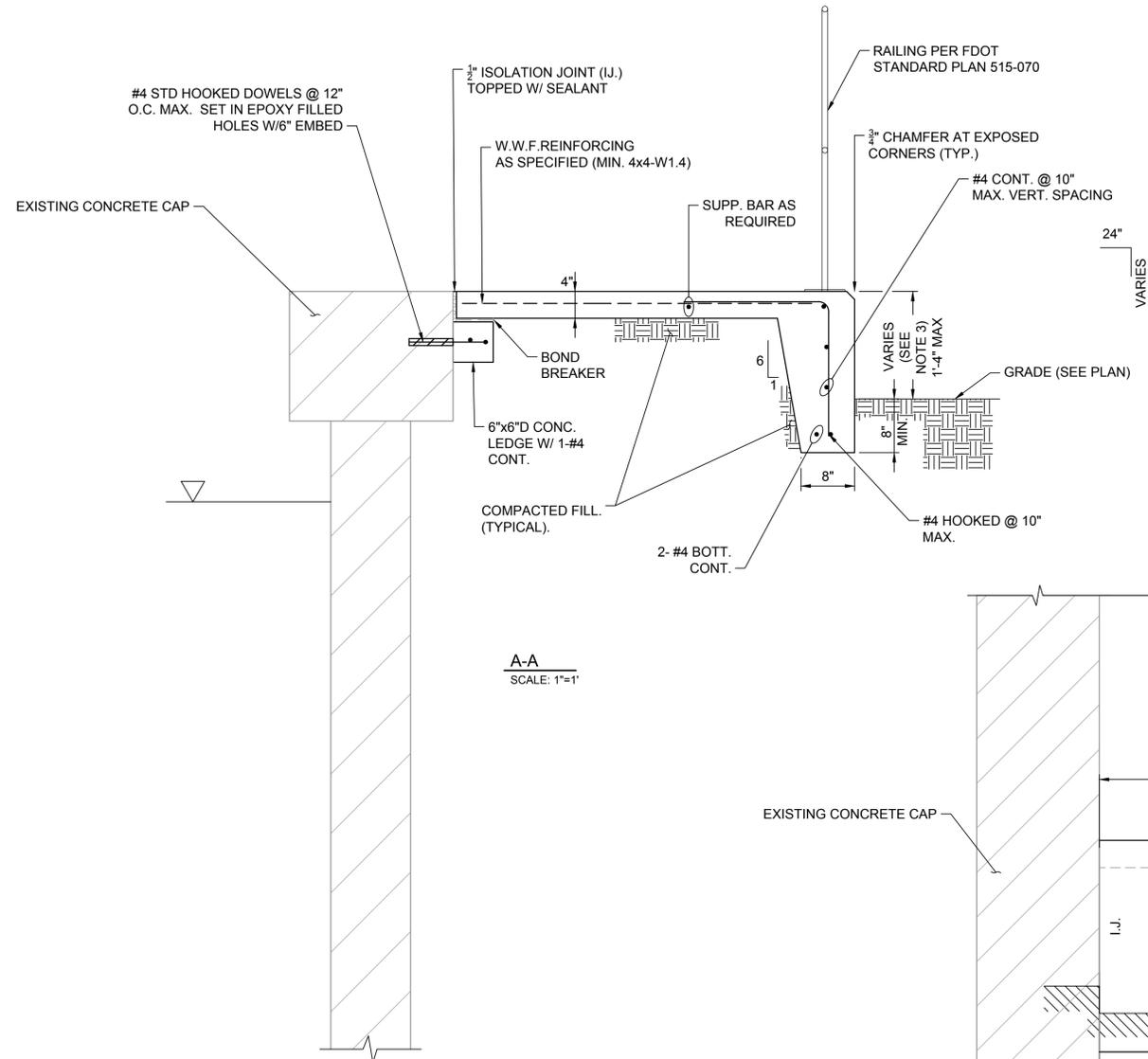
PLAN SCALE CORRESPONDS TO PLOT SIZE 24"x36". IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. PROJECT: PROJECT180763.LD01-09 VOGEL PARK MARINE FACILITY PHASE II PLAN DWG August 21, 2023 10:17 AM BRIANNA WOOLFOCK

CONCRETE & REINFORCING STEEL

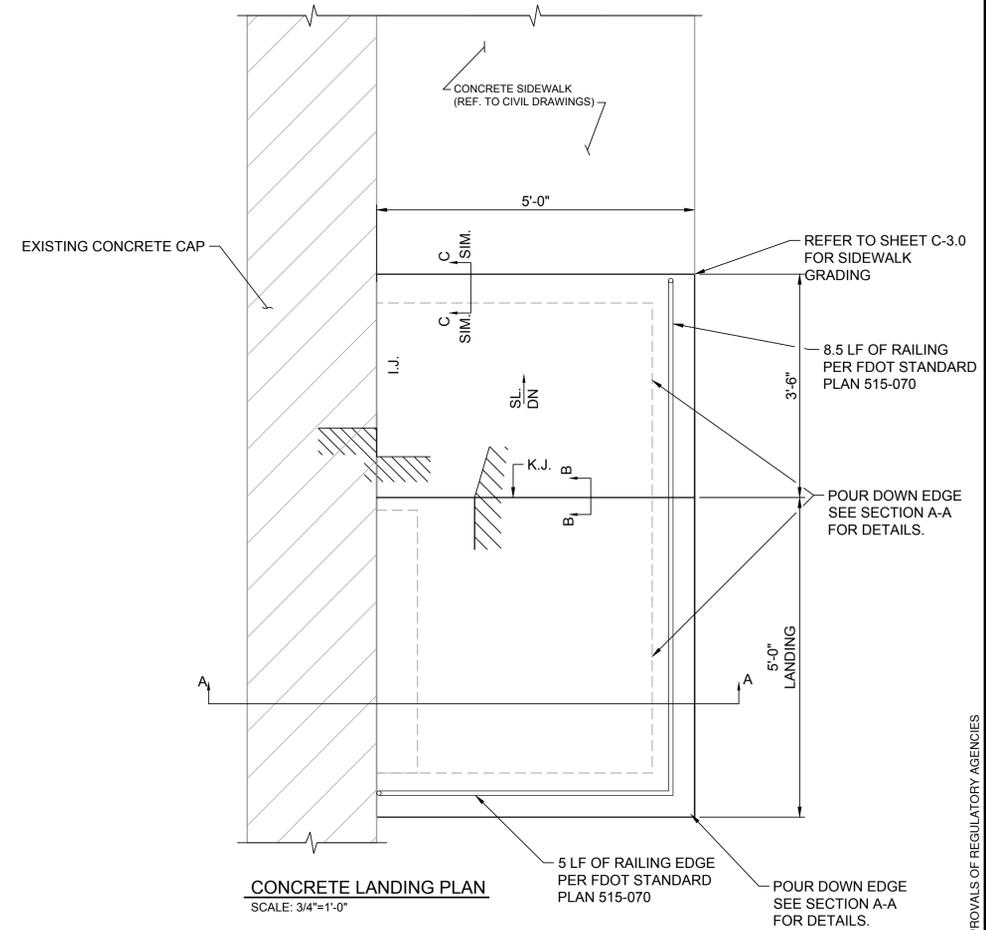
- ALL CONCRETE MATERIALS, REINFORCEMENT, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATION 346, 400, AND 415 UNLESS OTHERWISE NOTED.
- ALL CONCRETE SHALL BE A NORMAL WEIGHT CONCRETE (WITH A MINIMUM DENSITY OF 145 pcf).
- ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, ACI 315 AND ACI 301.
- MATERIALS SHALL CONFORM TO THE FOLLOWING, UNLESS OTHERWISE NOTED:
 - CAST-IN-PLACE CONCRETE5,000 psi (MIN.)
 - REINFORCING STEELASTM A615, GRADE 60
- AGGREGATE SHALL CONFORM TO ASTM C 33, NO. 57.
- PROVIDE BROOM FINISH FOR ALL WALKING SURFACES.
- MINIMUM CONCRETE CLEAR COVER FOR REINFORCEMENT, 3" UON.
- PROVIDE 3/4" CHAMFERS ON ALL EXPOSED EDGES AND CORNERS, UON.
- 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.
- CONTRACTOR SHALL REPAIR ALL SURFACE BLEMISHES IN CONCRETE WITHIN 24 HOURS AFTER FORM REMOVAL.
- ALL CONCRETE WORK, PLACEMENT MEANS, AND METHODS SHALL BE IN ACCORDANCE WITH ACI 304-00, 308-16, 308.1-11 & 347-14.
- ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, ACI 315-18, REINFORCING STEEL SHOP DRAWINGS SHALL BE SUBMITTED AND APPROVED PRIOR TO USE IN CONSTRUCTION.
- 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.
- METAL CHAIRS ARE NOT ALLOWED AND NO METAL SHALL PROTRUDE FROM SURFACE OF THE CONCRETE.
- CURE CONCRETE USING CONTINUOUS MOISTURE AND/OR MEMBRANE CURING COMPOUND IN ACCORDANCE WITH FDOT SPECIFICATION 400-16.1 AND 400-16.2.
- LAP SPLICES SHALL BE MINIMUM CLASS "B" LAP SPLICES IN ACCORDANCE WITH ACI 318.

EPOXY DOWELS

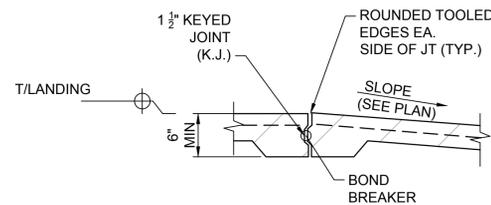
- DOWEL EMBEDMENT AND HOLE DIAMETER SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
- FOLLOW EPOXY MANUFACTURER'S RECOMMENDATIONS FOR THE INSTALLATION.
- DRILLED HOLES SHALL HAVE ROUGHENED INTERIOR SURFACE AS PER MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL LOCATE REINFORCEMENT PRIOR TO DRILLING HOLES, SO AS NOT TO DAMAGE THE REINFORCING STEEL.
- THE CONTRACTOR SHALL PREPARE A TEMPLATE AND DRILL REQUIRED HOLES.
- EPOXY BONDING COMPOUNDS SHALL BE IN ACCORDANCE WITH FDOT 937 AND 926. NON-SHRINK GROUT SHALL BE IN ACCORDANCE WITH FDOT SECTION 934.
- CONTRACTOR SHALL USE A CARBIDE TIP DRILL. PERCUSSION ROCK DRILL SHALL NOT BE PERMITTED.
- CONTRACTOR SHALL FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR THE MIXING AND APPLICATION OF EPOXY.
- CONTRACTOR SHALL SUBMIT MANUFACTURER'S DATA SHEET AND RECOMMENDATIONS FOR APPROVAL.



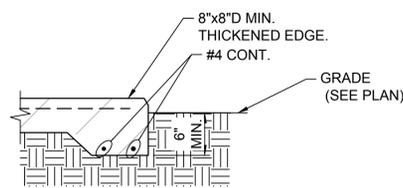
A-A
SCALE: 1"=1'



CONCRETE LANDING PLAN
SCALE: 3/4"=1'-0"



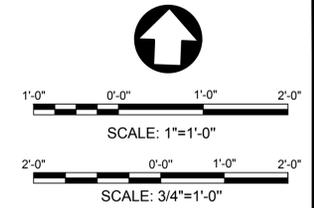
B-B
SCALE: 1"=1'



C-C
SCALE: 1"=1'

Notes

- CONCRETE WALKWAY SHALL BE PLACED ON CLEAN INORGANIC FILL PREPARED AND COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- REF. TO GENERAL NOTES SHEET C-1.0 FOR TYPICAL JOINTING, CONC. AND REINF. SPECIFICATIONS. REFER TO SPECIFIC NOTES THIS SHEET.
- USE DETAIL C-C WHERE DIM. IS 1'-0" OR LESS
- REF. TO SHEET C-3.0 FOR ADDITIONAL INFORMATION.



NORTH BAY VILLAGE

CONSULTANT:



5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:



2937 SW 27th AVE., STE 101A
MIAMI, FL 33133
305-230-1924
(FL EB 4877)

DESIGN TICKET NO. 089202493



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:

**VOGEL PARK
MARINE FACILITY
PHASE II**

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY

DATE ISSUED: JULY 17, 2023

DESIGNED BY: LB/TN

DRAWN BY: FF

REVIEWED BY: LB

SEAL:

LUDOVIC BINNER
FL LICENSE No. 72274

SHEET TITLE:

**CONCRETE WALKWAY
STRUCTURAL DETAILS**

SHEET NO.

S-501

BID SET

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"x36". IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN. SCALE: 0:MIAMI19075-05520 CAD.DWG July 17, 2023 3:41 PM FAJARDO, FELIPE

**REVISED EXHIBIT D – VOGEL PARK MARINE FACILITY – UPLAND
PORTION 100% SS PLANS**

BID SET
ITB 2023-003
JULY 2023



NORTH BAY VILLAGE

CONSULTANT:



5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:



2937 SW 27th AVE., STE 101A
MIAMI, FL 33133
305-230-1924
(FL EB 4877)



DESIGN TICKET NO. 088202453
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive responder codes before you dig!

PROJECT:

**VOGEL PARK
MARINE FACILITY
PHASE II**

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY

DATE ISSUED: JULY 17, 2023

DESIGNED BY: VB

DRAWN BY: CC

REVIEWED BY: GWS

SEAL:

TIM BLANKENSHIP
FL LICENSE No. 0055910

SHEET TITLE:

**COVER SHEET &
INDEX OF DRAWINGS**

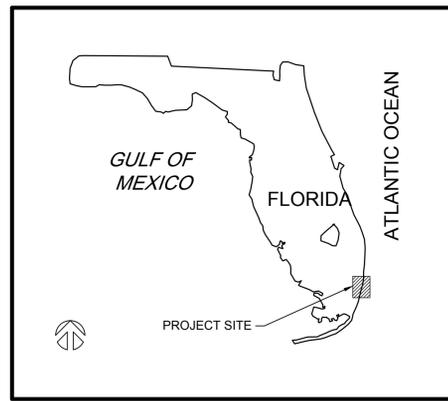
SHEET NO.

G-001

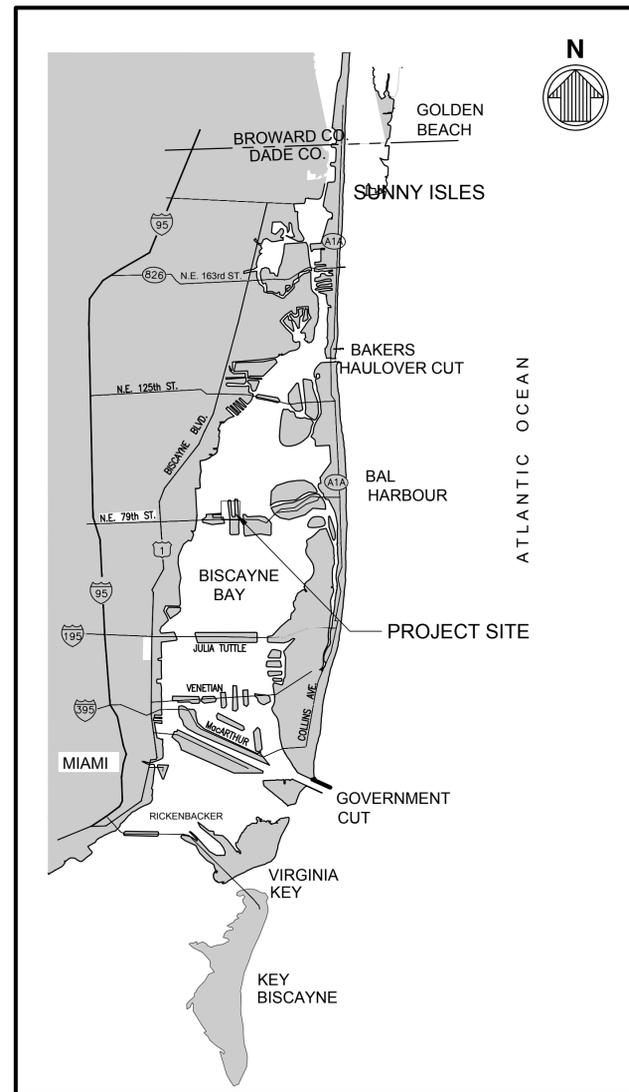
BID SET

VOGEL PARK DOCK DESIGN

NORTH BAY VILLAGE, FLORIDA SECTION 09, TOWNSHIP 53S, RANGE 42E



VICINITY MAP
SCALE: NTS



LOCATION MAP
SCALE: NTS

INDEX OF DRAWINGS	
SHEET NO.	SHEET TITLE
G-001	COVER SHEET & INDEX OF DRAWINGS
S-001	WATERSIDE GENERAL NOTES
S-002	STRUCTURAL NOTES
V-101	WATERSIDE EXISTING CONDITIONS
S-101	SITE PLAN
S-102	PILE PLAN
S-103	DECK PLAN
S-501	DOCK DETAILS (1 OF 2)
S-502	DOCK DETAILS (2 OF 2)
S-503	STRUCTURAL DETAILS (1 OF 2)
S-504	STRUCTURAL DETAILS (2 OF 2)
P-1.0	GENERAL NOTES, SYMBOLS LEGEND AND DETAILS
P-2.0	OVERALL PLUMBING SITE PLAN
P-3.0	ENLARGED PLUMBING DOCK PLAN
E-1.0	GENERAL NOTES AND SYMBOLS LEGEND
E-2.0	OVERALL ELECTRICAL SITE PLAN
E-3.0	ENLARGED ELECTRICAL DOCK PLAN
E-4.0	ELECTRICAL RISER CCTV RISER
E-5.0	ELECTRICAL DETAILS

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"X36". IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. C:\MIA\19075\0420\CADD\ACTIVE\VOGEL_PARK_DOCK\19075\0420\DWG\July 18, 2023 10:33 AM\AJARDO, FELIPE



NORTH BAY VILLAGE

GENERAL WATERSIDE NOTES

- 1. METHODS OF CONSTRUCTION AND ERECTION OF STRUCTURAL MATERIAL ARE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR SHALL, ON A DAILY BASIS, REMOVE FROM THE SITE ANY EXCAVATED MATERIAL OR DEBRIS. DISPOSAL OF THE MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL DEBRIS SHALL BE DISPOSED OF IN A PERMITTED SANITARY LANDFILL.
3. THE CONTRACTOR SHALL PLACE CONSTRUCTION DEBRIS CONTROL DEVICES, BOOMS, TARPULINS, FLOATS, STAGING, AND OTHER DEVICES AS NECESSARY TO PREVENT CONSTRUCTION DEBRIS FROM ENTERING THE WATER AND AIR BORNE MATERIALS FROM LEAVING THE IMMEDIATE VICINITY OF THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN-UP OF ANY MATERIALS DEPOSITED OUTSIDE THE WORK AREA OR IN THE WATER. SEE PERMIT CONDITIONS.
4. THE CONTRACTOR IS TO PROVIDE EROSION CONTROL/ SEDIMENTATION BARRIERS (HAY BALES, SILTATION CURTAINS AND FLOATING TURBIDITY SCREENS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, AND WATERWAYS. IF, IN THE OPINION OF THE OWNER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE BEING TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR VEHICULAR TRAFFIC, THE CONTRACTOR IS TO REMOVE AND CLEAN SAID EARTH FROM TRAVEL WAYS TO THE SATISFACTION OF THE CITY AND/OR LOCAL AUTHORITIES.
5. THE CONTRACTOR SHALL CONSIDER AND PLAN FOR, ON A DAILY BASIS, THE EFFECT OF TIDAL FLUCTUATION IN THE EXECUTION OF THE WORK.
6. IF CONSTRUCTION IS EXPECTED TO BE PERFORMED FROM A BARGE, THE CONTRACTOR SHALL CONDUCT OPERATIONS SO AS TO NOT INTERFERE WITH OR BE DETRIMENTAL TO VESSEL AND VEHICULAR TRAFFIC DURING THE COURSE OF THE WORK AND SHALL PLAN FOR EFFECTS OF PASSING VESSELS.
7. SCALE BARS ARE INTENDED FOR REFERENCE ONLY. ALL DIMENSIONS NECESSARY FOR CONSTRUCTION SHALL BE TAKEN FROM DIMENSION ANNOTATION AND NOT SCALED DIRECTLY FROM DRAWINGS.

SURVEY NOTES

- 1. TOPOGRAPHIC SURVEY PERFORMED BY SEA DIVERSIFIED, INC. SURVEY CONDUCTED ON MARCH 9-10, 2021.
2. HYDROGRAPHIC ELEVATIONS SHOWN HEREIN PROVIDED BY SEA DIVERSIFIED, INC. SURVEY CONDUCTED ON MARCH 9-10, 2021.
3. ELEVATIONS ARE IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
4. HORIZONTAL DATA SHOWN HEREON ARE REFERENCED TO GRID BEARINGS BASED UPON THE FLORIDA STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, WEST ZONE, NORTH AMERICAN DATUM OF 1983 (ADJUSTMENT OF 1999).
5. UNDERGROUND UTILITIES, FOUNDATIONS AND/OR OTHER IMPROVEMENTS HAVE NOT BEEN LOCATED EXCEPT THOSE SHOWN ON THESE DRAWINGS.
6. THE TIDAL DATUM RELATIONSHIP BASED ON NOS (NOAA) STATION AT MIAMI, BISCAYNE BAY, FL (STATION 8723165).

Table with 2 columns: DATUM, ELEV. Rows include MHHW (+0.26 FEET), MHW (+0.22 FEET), MSL (-0.89 FEET), NAVD (-0.00 FEET), MLW (-1.97 FEET), MLLW (-2.11 FEET).

DEMOLITION NOTES

- 1. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO STRICTLY CONTAIN THE DEMOLITION WITHIN THE LIMITS OF THE REQUIRED CONSTRUCTION AND AVOID ANY DAMAGE TO THE EXISTING STRUCTURE. PLAN SHALL INCLUDED DETAILED MEANS AND METHOD OF DEMOLITION WORK.
2. ALL DEMOLISHED MATERIAL, EXCEPT AS NOTED OTHERWISE, BECOMES THE PROPERTY OF, AND SHALL BE COMPLETELY REMOVED AND DISPOSED OF BY THE CONTRACTOR. THE REMOVAL, HANDLING, AND DISPOSAL OF ALL DEMOLITION MATERIALS SHALL BE IN STRICT ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BECOME FAMILIAR WITH THE MATERIALS TO BE DISPOSED OF AND ALL GOVERNING AGENCY REQUIREMENTS.

LAYOUT AND TESTING:

- 1. ALL CONSTRUCTION STAKEOUT SHALL BE PERFORMED BY AND PAID FOR BY THE CONTRACTOR.
2. ALL TESTING, INSPECTION AND BACKFILL SHALL BE IN ACCORDANCE WITH FDOT SPECIFICATIONS, AND SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY RETAINED BY THE OWNER.

SCHEDULE FOR COMPLETION OF WORK TO CONSTRUCTION BASELINE SCHEDULE

THE CONTRACTOR SHALL PROVIDE PRODUCT SUBMITTALS, AND/OR CATALOG CUT SHEETS FOR THE FOLLOWING ITEMS TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION:

- 1. PRELIMINARY SUBMITTALS:
a. SCHEDULE FOR COMPLETION OF WORK (TO BE UPDATED WEEKLY)
b. LIST OF SUBMITTALS
c. CONTRACTOR WORK PLAN
d. CONTACT LIST FOR GC'S STAFF
e. QUALITY ASSURANCE PLAN
2. PRE-CAST CONCRETE
3. TIMBER PILE
4. HARDWARE.
5. BITUMEN MEMBRANE.
6. SPECIALTY ENGINEER SUBMITTALS (TO BE SIGNED/SEALED BY FLORIDA REGISTERED PROFESSIONAL ENGINEER.
a. GRATED DECK SHOP DRAWINGS
b. DOCK CALCULATIONS
c. KAYAK LAUNCH SHOP DRAWINGS

ENVIRONMENTAL NOTES

- 1. TURBIDITY BARRIERS SHALL BE MANUFACTURED IN ACCORDANCE WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX NO. 103.
2. DURING WATERSIDE CONSTRUCTION, THE CONTRACTOR SHALL MONITOR THE TURBIDITY LEVELS TO ENSURE THAT STATE WATER QUALITY STANDARDS ARE MAINTAINED AND CONSTRUCTION METHODS ARE IN ACCORDANCE WITH THE PERMITS.
3. DURING CONSTRUCTION THE CONTRACTOR SHALL PLACE EROSION CONTROL DEVICES AND MEASURES AROUND THE PROJECT AREA AND OTHER AREA(S) NEEDED TO PREVENT EROSION AND THE MIGRATION OF SEDIMENT TO POINTS OUTSIDE THE DEMOLITION/CONSTRUCTION AREA(S).
4. ALL EROSION CONTROL DEVICES SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION 104 AND STANDARD INDEX NO. 102 OF THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.

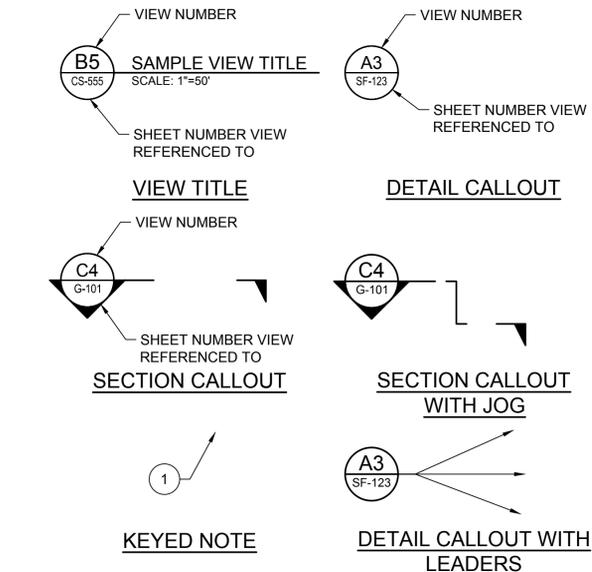
TURBIDITY BARRIER NOTES

- 1. THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN TURBIDITY CONTROL CURTAIN AROUND WORK AREA. THE PURPOSE OF THE CURTAIN IS TO AVOID ANY DEBRIS FROM GOING INTO THE MAIN WATERS. THE CONTRACTOR HAS THE OPTION TO ENCLOSE THE ENTIRE WATERSIDE OF THE SITE, WITHIN THE LIMITS OF DISTURBANCE, OR TO INSTALL AND MOVE THE CURTAIN IN STAGES. THE CONTRACTOR SHALL MAINTAIN SUCH CURTAINS AT ALL TIMES IN THE AREAS WHERE WORK IS IN PROGRESS.
2. CONTRACTOR SHALL SUBMIT TURBIDITY CONTROL PLAN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION IN ACCORDANCE WITH REGULATORY PERMITS.
3. TURBIDITY SHALL BE MONITORED AS OUTLINED IN THE REGULATORY PERMIT.
4. IF THE COMPLIANCE SAMPLE MEASURES ABOVE THE BACKGROUND SAMPLE, ALL OPERATIONS THAT ARE CAUSING THE WATER QUALITY VIOLATION WILL CEASE, AND THE ENVIRONMENTAL AGENCIES SHALL BE NOTIFIED OF THE VIOLATION (AS REQUIRED IN THE ENVIRONMENTAL PERMITS ISSUED FOR THE PROJECT). WORK THAT IS CAUSING THE WATER QUALITY VIOLATION WILL NOT RECOMMENCE UNTIL SUCH TIME AS THE WATER QUALITY READINGS THE APPROVAL OF THE AGENCIES.
5. CONTRACTOR SHALL COMPILER AND SUBMIT MONITORING REPORTS TO OWNER AND TO THE AGENCIES, AS REQUIRED IN THE ENVIRONMENTAL PERMITS.
6. CONTRACTOR SHALL UTILIZE DOUBLE TURBIDITY CURTAIN.

ABBREVIATIONS

- DBL = DOUBLE
DN = DOWN
EMBED = EMBEDMENT
EQ = EQUAL
GALV = GALVANIZED
LG = LONG
MHW = MEAN HIGH WATER
MHHW = MEAN HIGHER HIGH WATER
MLW = MEAN LOW WATER
MLLW = MEAN LOWER LOW WATER
MSL = MEAN SEA LEVEL
NAD = NORTH AMERICAN DATUM
NAVD = NORTH AMERICAN VERTICAL DATUM 88
NIC = NOT IN CONTRACT
NMFS = NATIONAL MARINE FISHERIES SERVICE
SPA = SPACES
SS = STAINLESS STEEL
SQ = SQUARE
UON = UNLESS OTHERWISE NOTED
BL = BASELINE
CL = CENTERLINE
' = MINUTES OR FEET
" = INCHES
& = AND
° = DEGREE
± = PLUS OR MINUS
Ø = DIAMETER
PL = PLATE

LEGEND



* VIEW NUMBER IS BASED ON THE (DACS) LOCATION OF THE LOWER-LEFT EXTENTS OF THE VIEW ON THE REFERENCED SHEET, WHEN REFERENCING DRAWING INFORMATION BETWEEN SHEETS. BOTH THE VIEW AND SHEET NUMBERS MUST BE QUOTED TOGETHER - EITHER IN A CALLOUT FORMAT AS SHOWN ABOVE OR IN THE FORM: "VIEW NO./SHEET NO." (EG A1/CS-5001)

CONSULTANT:



5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:



2937 SW 27th AVE., STE 101A
MIAMI, FL 33133
305-230-1924
(FI EB 4877)



PROJECT:

VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

Table with 4 columns: NO, DESCRIPTION, DATE, BY

DATE ISSUED: JULY 17, 2023

DESIGNED BY: VB

DRAWN BY: CC

REVIEWED BY: KT

SEAL:

TIM BLANKENSHIP
FL LICENSE No. 0055910

SHEET TITLE:

WATERSIDE GENERAL NOTES

SHEET NO.

S-001

BID SET

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"X36". IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. Q:\MAY10007-0420\CADD\ACTIVE\VOGEL_PARK_DOC\009704S-001.DWG July 17, 2023 4:18 PM FAJARDO, FELIPE



NORTH BAY VILLAGE

CONSULTANT:



5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:



2937 SW 27th AVE., STE 101A
MIAMI, FL 33133
305-230-1924
(FL EB 4877)

DESIGN TICKET NO. 089202493



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:

VOGEL PARK
MARINE FACILITY
PHASE II

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY

DATE ISSUED: JULY 17, 2023

DESIGNED BY: VB

DRAWN BY: CL

REVIEWED BY: KT

SEAL:

TIM BLANKENSHIP
FL LICENSE No. 0055910

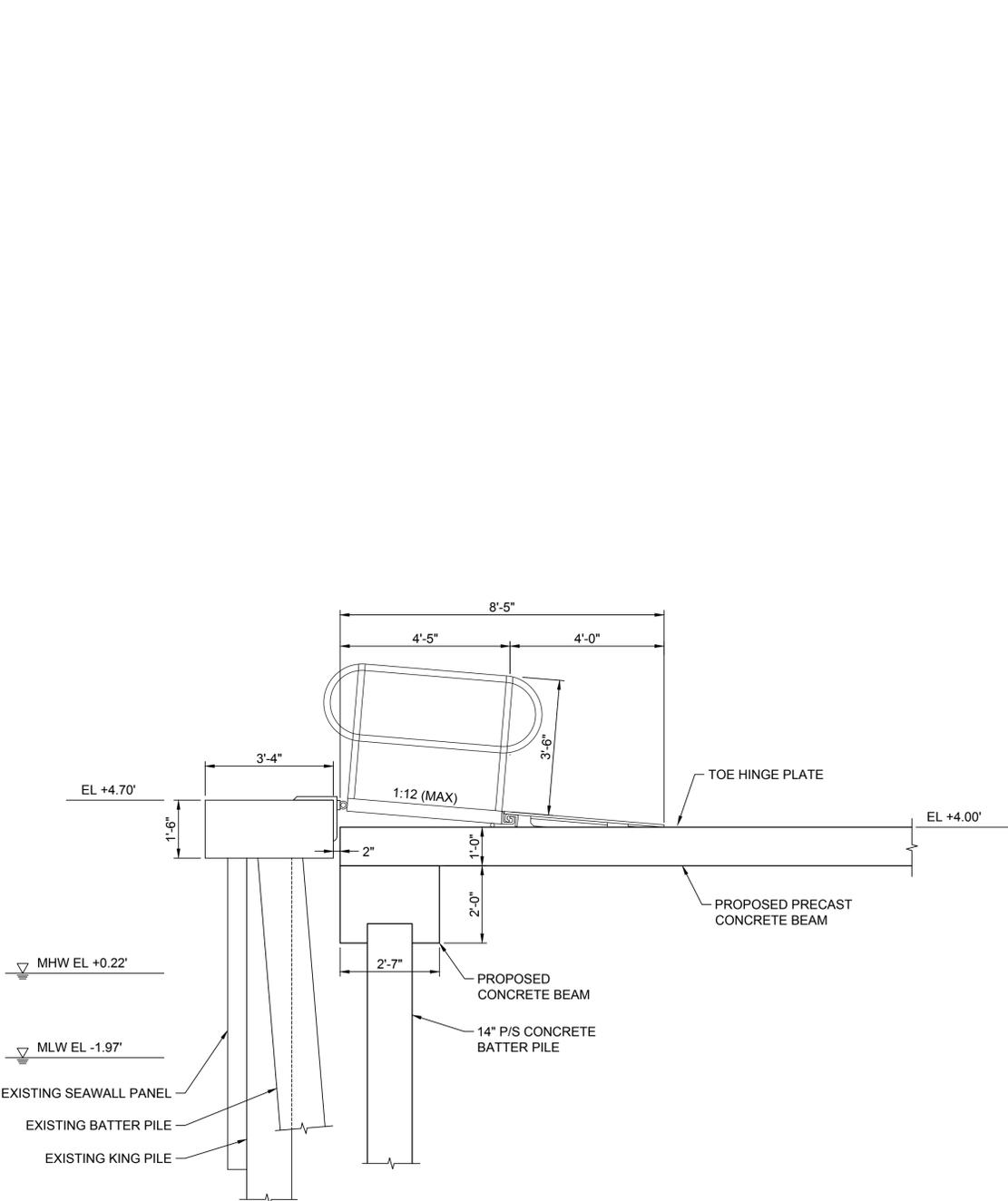
SHEET TITLE:

DOCK DETAILS
(2 OF 2)

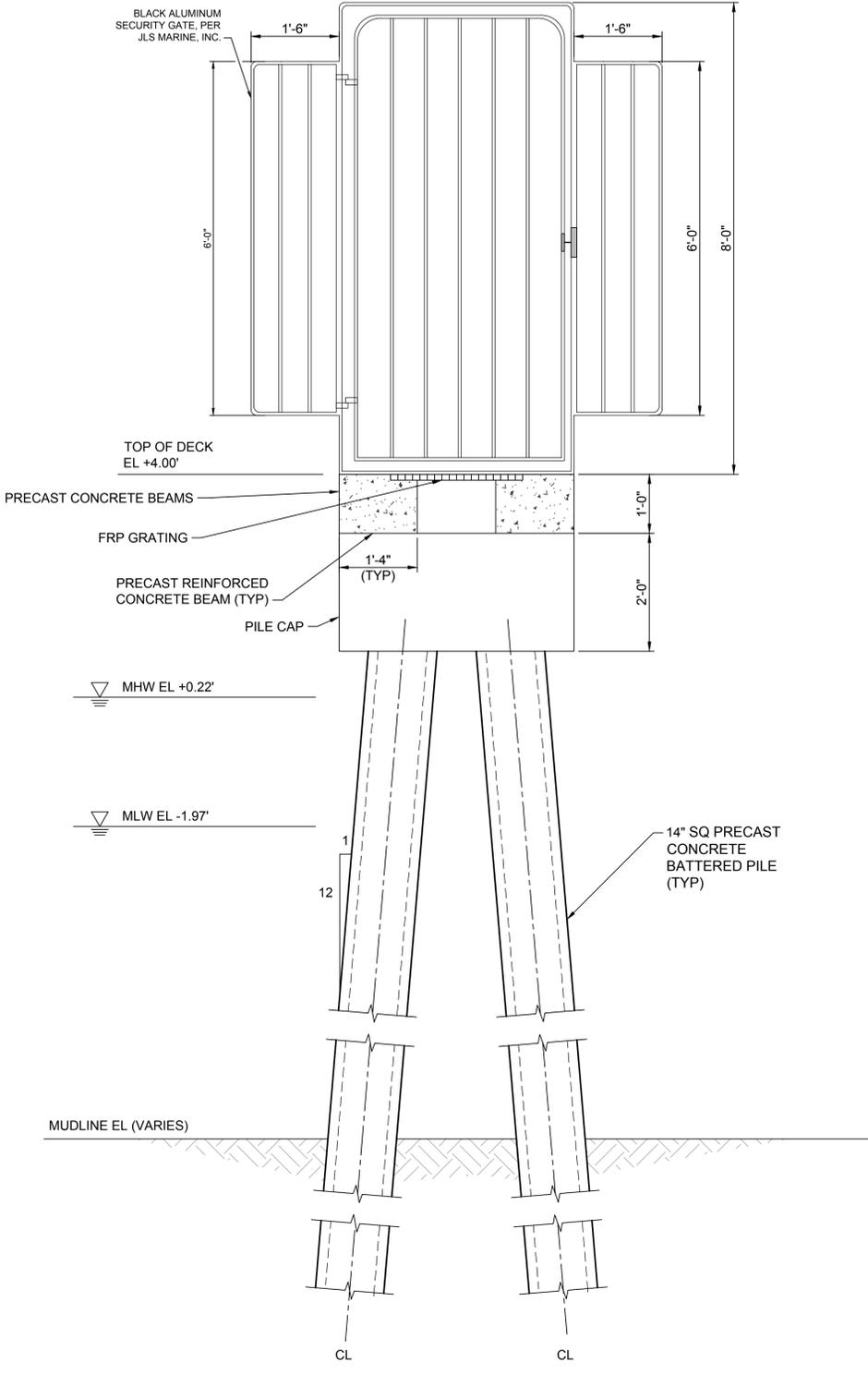
SHEET NO.

S-502

BID SET



A1 SECTION - GANGWAY
S-101 SCALE: 1/2"=1'-0"



A2 SECURITY GATE
S-101 SCALE: 3/4"=1'-0"



NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"x36". IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. C:\M\10007-0420-CADD_ACTIVE\VOGEL_PARK_DOCK\1090704S-902.DWG July 17, 2023 4:28 PM FAJARDO, FELIPE



NORTH BAY VILLAGE

CONSULTANT:



EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:

Project No. - 21087



BASULTO ASSOCIATES
14160 Palmetto Frontage Road
Suite 22, Miami Lakes, FL 33016
305.698.3988, fax: 305.698.3989

DESIGN TICKET NO. 089202493

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:

VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

Table with 4 columns: NO., DESCRIPTION, DATE, BY. Row 1: ADDENDUM NO. 1, 07-17-2023, C.Y.

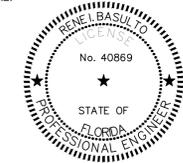
DATE ISSUED: 7/18/2023

DESIGNED BY: C.Y.

DRAWN BY: D.T.

REVIEWED BY: C.Y.

SEAL:



RENE I. BASULTO, P.E.
P.E. 40869

SHEET TITLE:

GENERAL NOTES AND SYMBOLS LEGEND

SHEET NO.

E-1.0

BID SET

ELECTRICAL LEGEND

Large table mapping electrical symbols to their descriptions and specifications. Includes categories like lighting fixtures, outlets, switches, and control devices.

1. NOT ALL SYMBOLS MAY BE USED
2. REFER TO THE PROJECT MANUAL FOR MOUNTING HEIGHTS FOR ALL EQUIPMENT.

GENERAL ELECTRICAL NOTES

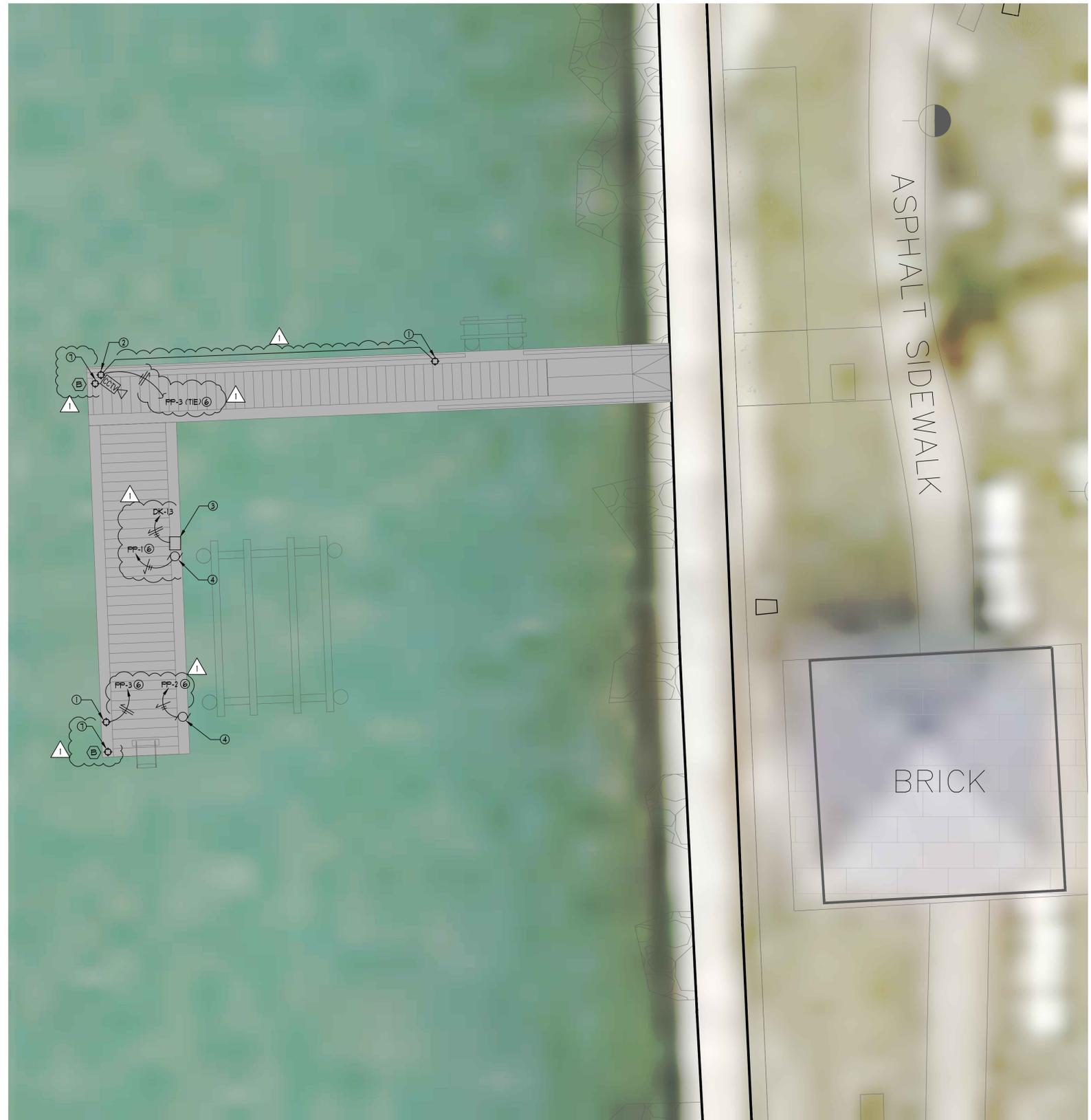
- 1. THE 'GENERAL CONDITIONS OF THE CONTRACT', BY MIAMI DADE COUNTY SHALL BE PART OF THIS CONTRACT.
2. ALL ELECTRICAL WORK PERFORMED UNDER THIS CONTRACT SHALL COMPLY WITH LOCAL CODES AND ORDINANCES...
3. PRIOR TO BID OR COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VISIT THE JOB SITE AND EVALUATE ALL EXISTING FIELD CONDITIONS...
4. CONCRETE PENETRATIONS ARE NOT ALLOWED FOR ANY REASON WITHOUT THE PRIOR CONSENT OF THE DESIGN CONSULTANTS AND BUILDING OWNER...
5. ALL SLAB AND FIRE WALL PENETRATIONS SHALL BE FIRE RATED, AND SHALL CONFORM TO LANDLORD'S APPROVAL AS TO LOCATION AND CONSTRUCTION DETAILS...
6. CONTRACTOR SHALL VERIFY THE CEILING FINISHES AND SUSPENSION SYSTEMS FOR SELECTION OF THE PROPER TRIM AND SUPPORT ARRANGEMENTS FOR LIGHTING FIXTURES...
7. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ARCHITECT BEFORE ROUGH INSTALLATION OF LIGHTS, RECEPTACLES AND SWITCHES FOR EXACT LOCATION...
8. HORIZONTAL CONDUIT ROUTING SHALL BE PERMITTED ONLY FOR INTER-CONNECTION OF MULTIPLE RECEPTACLES WITHIN THAT WALL...
9. CIRCUITING, EXISTING RISER DIAGRAM, AND/OR PANEL SCHEDULES AS PRESENTED ON DRAWINGS ARE BASED ON THE 'AS-BUILT' INFORMATION AVAILABLE AND/OR 'ON-SITE' VERIFICATION OF PANELBOARD DIRECTORIES AS PERFORMED BY THE ENGINEER...
10. ALL ELECTRICAL EQUIPMENT MUST BEAR UL LABEL AND BE COMMERCIAL GRADE, UNLESS OTHERWISE NOTED...
11. ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE APPROVED AS SAFE FOR USE IN THE US WORKPLACE FOR THE INTENDED APPLICATION...
12. THE CONTRACTOR SHALL SATISFACTORILY REPAIR/REPLACE ANY EQUIPMENT OR PART OF STRUCTURE DAMAGED AS A RESULT OF WORK PERFORMED SURFACES AND FINISHED AREAS SHALL BE RESTORED TO MATCH ADJACENT AREAS...
13. WHERE ALLOWED BY LANDLORD, METAL-CLAD (MC) CABLE CAN BE USED AS PERMITTED PER NEC ARTICLE 330.10(A). HOWEVER, HOTTERMS MUST BE IN RIGID CONDUIT...
14. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS...
15. FOR LINE VOLTAGE WIRING, ALLOW NO MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360 DEGREES TOTAL) BETWEEN ALL PULL POINTS...
16. PROVIDE EXPANSION JOINTS WHERE REQUIRED AS PER NEC 300.1(B)...
17. ALL DEDICATED OUTLETS SERVING EQUIPMENT SUCH AS WASHER AND DRYERS, REFRIGERATORS, WATER COOLERS, COPIERS, FAXES, ETC. SHALL HAVE SEPARATE NEUTRAL CONDUCTORS TO EACH DEVICE OR APPLIANCE...
18. MAINTAIN FIRE RATINGS IN ALL PENETRATIONS THRU DEMISING AND FIRE RATED WALLS...
19. PROVIDE ACCESS PANELS AS REQUIRED TO SERVICE ANY ELECTRICAL EQUIPMENT ABOVE HARD CEILING...
20. EACH MULTIWIRED BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES...
21. TELECOMMUNICATIONS CABLES TO BE RUN BY OTHERS...
22. ELECTRICIANS SHALL NOT INSTALL MORE THAN SIX (6) RECEPTACLES PER CIRCUIT...
23. CONTRACTOR WILL BE HELD RESPONSIBLE FOR INTERRUPTION OF ELECTRICAL SERVICE TO OTHER TENANTS IN THE BUILDING...
24. CONTRACTOR SHALL NOT RUN PIPES, WIRES, CONDUITS OR OTHER MATERIAL OUTSIDE THE TENANT AREA UNLESS OTHERWISE NOTED...
25. ALL ELECTRICAL CIRCUITS SHALL BE IDENTIFIED AND LABELED IN THE ELECTRICAL PANEL...
26. CIRCUIT NUMBERS SHOWN ARE FOR IDENTIFICATION PURPOSES ONLY AND MIGHT NOT CORRESPOND TO THE CIRCUIT DIRECTORY OF THE EXISTING PANELS...
27. THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT AND MOTOR LOADS BEFORE INSTALLING WIRING...
28. FOR MECHANICAL EQUIPMENT, SEE MECHANICAL DRAWINGS AND PROVIDE RISES AS PER EQUIPMENT MANUFACTURER RECOMMENDATIONS...
29. PROVIDE EQUIPMENT GROUND CONDUCTOR IN ALL RACEWAYS...
30. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION...
31. THE CONTRACTOR SHALL TAKE PERMITS, PROCURE CERTIFICATES AND PAY ALL FEES CONNECTED THEREWITH...
32. THE CONTRACTOR IS REFERRED TO THE ARCHITECTURAL, STRUCTURAL, ACOUSTICAL, LANDSCAPE, MECHANICAL, PLUMBING AND FIRE PROTECTION PLANS, SUCH PLANS ARE TO BE CONSIDERED PART OF THE ELECTRICAL CONTRACT DOCUMENTS...
33. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS AND ARRANGEMENTS ONLY...
34. ALL MATERIALS SHALL BE NEW OF TYPES AND MAKES CALLED FOR OR APPROVED EQUAL, UNLESS OTHERWISE NOTED ON PLANS...
35. CONTRACTOR SHALL SUBMIT REQUEST FOR SUBSTITUTIONS IN WRITING TO THE ENGINEER...
36. THE CONTRACTOR SHALL TOUCH UP OR REFINISH THE FACTORY FINISH OF EQUIPMENT MARKED DURING SHIPMENT OR INSTALLATION...
37. THE CONTRACTOR SHALL BE A LICENSED MASTER ELECTRICIAN...
38. THE ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST-CLASS WORKMANLIKE MANNER...
39. THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHTING AS REQUIRED FOR ALL TRADES...
40. ELECTRICAL WORK SHALL NOT INTERFERE WITH CLEARANCES REQUIRED FOR GENERAL AND MECHANICAL CONSTRUCTION...
41. GROUNDING SHALL COMPLY WITH THE NEC AND REQUIREMENTS OF THE POWER COMPANY AND INSPECTION AUTHORITY...
42. AT THE COMPLETION OF THE WORK, THE CONTRACTOR SHALL REMOVE ALL RUBBISH CAUSED BY THEIR WORK AND SHALL THOROUGHLY CLEAN ALL ELECTRICAL EQUIPMENT...
43. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY CONTROL WIRING FOR ALL EQUIPMENT...
43.1. ALL WIRING NOT IN CONDUIT, INCLUDING BUT NOT LIMITED TO LOW VOLTAGE, CONTROLS, ETC. SHALL BE PLENUM RATED AS PER NFPA 90A 2-3.10...
44. ELECTRICAL POWER AND CONTROL WIRING FOR HVAC AND MECHANICAL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR...
45. ALL WORK SHALL BE GUARANTEED FREE FROM DEFECTS FOR A PERIOD OF AT LEAST ONE YEAR FROM DATE OF FINAL ACCEPTANCE...
46. WIRING DEVICES SHALL BE SPECIFICATION GRADE, COLOR SELECTED BY THE ARCHITECT, MINIMUM SIZE OF OUTLET BOXES SHALL BE 4" TRADE...
47. ALL LIGHTING SWITCHES AND/OR DIMMERS SHALL BE GANGED TOGETHER WHERE SHOWN TOGETHER...
48. ALL CONDUCTORS SHALL BE COPPER, 600V, TYPE THHN OR THWN #2 MINIMUM EXCEPT CONTROL WIRING...
49. ALL LINE VOLTAGE CONDUCTORS, AND LOW VOLTAGE CONDUCTORS FOR SECURITY AND ACCESS CONTROL, SHALL BE RUN IN CONDUIT...
50. USE RIGID GALVANIZED STEEL CONDUIT WHERE EXPOSED IN ANY LOCATION SUBJECT TO MECHANICAL DAMAGE...
51. FLEXIBLE CONDUIT SHALL BE USED FOR CONNECTIONS TO VIBRATING EQUIPMENT AND RECESSED LIGHT FIXTURES WHERE PERMITTED BY CODE...
52. RISES SHALL BE DUAL-ELEMENT, TIME DELAY, OR EQUAL...
53. PROVIDE LABELS FOR ALL NEW ELECTRICAL PANELS, CONTROLLERS, DISCONNECT SWITCHES, AND TIME SWITCHES...
54. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF CEILING CONSTRUCTION BEFORE ORDERING OR INSTALLING LIGHT FIXTURES...
55. FLUORESCENT LUMINAIRES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLAST(S) THAT CAN BE SERVICED IN PLACE OR BALLASTED LUMINAIRES THAT ARE SUPPLIED FROM MULTIWIRED BRANCH CIRCUITS...
56. THE CONTRACTOR SHALL VERIFY THAT BRANCH CIRCUITS ARE BALANCED BETWEEN THE PHASES OF THE SYSTEM, AND ADJUST IF NECESSARY AS DIRECTED BY THE CONSULTANT...
57. PROVIDE RACEWAY SYSTEMS AND PULL WIRES FOR TELECOMMUNICATIONS SYSTEM AS INDICATED ON PLANS...
58. THE ELECTRICAL INSTALLATION SHALL MEET THE APPROVAL OF THE OWNER'S REPRESENTATIVES BEFORE ACCEPTANCE...
59. GUITERS, WIREWAYS, PULL BOXES, ETC. SHALL BE SIZED PER THE NATIONAL ELECTRICAL CODE...
60. WHERE TELEPHONE, DATA, AND ELECTRICAL OUTLETS APPEAR BACK TO BACK, OUTLET BOXES ARE TO BE STAGGERED TO REDUCE NOISE TRANSMISSION THROUGH PARTITION...
61. DATA AND TELEPHONE FLOOR OUTLETS MUST HAVE CONDUIT WHEN LOCATED IN PLENUM BELOW CONTRACTOR TO VERIFY THAT POKE-THRU AND CONDUIT WILL ACCOMMODATE EACH OR ALL SITUATION(S) PRIOR TO INSTALLATION...
62. IF CORE DRILLING OR SLAB CUTTING IS PERFORMED, IT MUST BE CONDUCTED WITH NO FALL GROUND STOP SYSTEM OR X-RAY...
63. WHERE AN EXISTING SCOPE OF WORK AREA UTILIZES EMERGENCY BRANCH CIRCUITS FOR EMERGENCY LIGHTING, CONNECT NEW EMERGENCY LIGHT FIXTURES AND EXIT SIGNS TO EXISTING AVAILABLE EMERGENCY LIGHTING BRANCH CIRCUIT ALLOCATED FOR THE RESPECTIVE FLOOR OR SPACE THRU EXISTING J-BOX IN THE IMMEDIATE AREA OR ELECTRICAL ROOM...
64. EXISTING CIRCUITING AS PRESENTED ON DRAWINGS ARE BASED ON THE 'AS-BUILT' INFORMATION AVAILABLE AND 'ON-SITE' VERIFICATION OF PANELBOARDS DIRECTORY AS PERFORMED BY THE ENGINEER...
65. COORDINATION WITH OTHER TRADES:
65.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGH REVIEW OF ALL PLANS AFFECTING THIS PROJECT AND SHALL COORDINATE WITH OTHER TRADES BEFORE THE COMMENCEMENT OF WORK...
65.2. AIR CONDITIONING DUCTWORK, PIPING, CONDENSATE AND WASTE, WASTE AND VENT LINES, HOT AND COLD WATER LINES AND RAIN WATER LEADER...
66. DRAWINGS:
66.1. IT IS THE INTENT OF THE DRAWINGS TO OBTAIN A COMPLETE AND SATISFACTORY INSTALLATION...
66.2. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE ARCHITECTURAL, STRUCTURAL, AND MECHANICAL DRAWINGS...
66.3. THE ARCHITECTURAL AND STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THE ELECTRICAL DRAWINGS...
66.4. THE DRAWINGS AND RISERS INDICATE IN DIAGRAMMATIC FORM THE ARRANGEMENTS DESIRED FOR THE EQUIPMENT FIXTURES...
67. PER F.B.C. ENERGY CONSERVATION, CHAPTER 4, SECTION C405.131, FEEDER AND CUSTOMER-OWNED SERVICE CONDUCTORS SHALL BE INSTALLED SIZED FOR A MAXIMUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD...
68. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE INSTALLED SIZED IN ACCORDANCE WITH N.E.C. 210.19 AND FOR A MAXIMUM VOLTAGE DROP OF 3 PERCENT AT DESIGN LOAD PER F.B.C. ENERGY CONSERVATION, CHAPTER 4, SECTION C405.132...
69. PER F.B.C. ENERGY CONSERVATION, CHAPTER 4, SECTION C405.141, WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR TO THE BUILDING OWNER, INCLUDING:
69.1. A SINGLE-LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM AND
69.2. FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION...
70. PER F.B.C. ENERGY CONSERVATION, CHAPTER 4, SECTION C405.142, THE CONTRACTOR SHALL PROVIDE AN OPERATING MANUAL AND MAINTENANCE MANUAL TO THE BUILDING OWNER...
70.1. SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE...
70.2. OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE...
70.3. NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY...
71. COLOR CODE FOR CONDUCTORS:
120/208 VOLT SYSTEM
NEUTRAL - WHITE
PHASE A - BLACK
PHASE B - RED
PHASE C - BLUE
GROUND - GREEN
277/480 VOLT SYSTEM
NEUTRAL - GRAY
PHASE A - BROWN
PHASE B - ORANGE
PHASE C - YELLOW
GROUND - GREEN
ALL OTHER COLORS (VIOLET, TRACED, ETC) SHALL BE RESERVED FOR AND SHALL ONLY BE USED FOR SWITCH LEGS OR COMMUNICATION CIRCUITS...
CONDUCTORS FOR CONTROL WIRING SHALL BE COLOR CODED, USING DIFFERENT COLOR CODING THAN FOR THE ENERGY CONDUCTORS SPECIFIED ABOVE...
CONTROL WIRES SHALL BE NUMBERED.

CODE TABLE
FLORIDA BUILDING CODE - 2020 - 11TH EDITION
FLORIDA FIRE PREVENTION CODE - 2020 - 11TH EDITION
NATIONAL ELECTRICAL CODE - 2017 EDITION

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RENE I. BASULTO P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"X36" - IF PLOTTED ON OTHER SIZE, EDR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. C:\USERS\TD\ENR\DRIVE\BASULTO & ASSOCIATES\DOCUMENTS\GENERAL\CONSULTING\INC\NORTH BAY VILLAGE POLICE DOCK\ELECTRICAL\089202493-10-GENNOTES\SYMBOLS.DWG, July 18, 2023 8:54 AM, DORCAS



- KEY NOTES**
- ① NEW POLE LIGHT WITH RED/WHITE LED SOURCES.
 - ② NEW POLE LIGHT WITH RED/WHITE LED SOURCES AND CCTV SECURITY CAMERA MOUNT.
 - ③ NEW MARINA POWER PEDESTAL WITH GENERAL PURPOSE RECEPTACLE AND WATER CONNECTION.
 - ④ NEW BOAT LIFT MOTOR AND CONTROLLER.
 - ⑤ REFER TO ELECTRICAL RISER ON DRAWING E-4.0 FOR DETAILED INFORMATION.
 - ⑥ REFER TO PEDESTAL DETAIL ON DRAWING E-4.0.
 - ⑦ SOLAR POWERED WARNING BEACON.

ENLARGED ELECTRICAL DOCK PLAN
SCALE: 1/4" = 1'-0"



NORTH BAY VILLAGE

CONSULTANT:
EAC
EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:
Project No. - 21087
BASULTO ASSOCIATES
CONSULTING ENGINEERS
René I. Basulto, PE 14160 Palmetto Frontage Road
PE 40869 - FL CA06722 Suite 22, Miami Lakes, FL 33016
www.basulto.com 305.698.3988, fax: 305.698.3989

DESIGN TICKET NO. 089202493
Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:
VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY
△	ADDENDUM NO. 1	07-17-2023	C.Y.

DATE ISSUED: 7/18/2023
DESIGNED BY: C.Y.
DRAWN BY: D.T.
REVIEWED BY: C.Y.

SEAL:

RENE I. BASULTO, P.E.
P.E. 40869

SHEET TITLE:
ENLARGED ELECTRICAL DOCK PLAN

SHEET NO.
E-3.0

BID SET

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RENE I. BASULTO P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"X36". IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. C:\USERS\BTOLEONE\DRIVE - BASULTO & ASSOCIATES\DOCUMENTS\GENERAL\EAC CONSULTING, INC\NORTH BAY VILLAGE POLICE DOCK\ELECTRICAL\21087 E-3.0 ENLARGED DOCK PLAN.DWG July 18, 2023 8:54 AM DORCAS



NORTH BAY VILLAGE

CONSULTANT:



EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:

Project No.- 21087



Basulto Associates
14160 Palmetto Frontage Road
Suite 22, Miami Lakes, FL 33016
305.698.3988

DESIGN TICKET NO. 089202493



Sunshine811
Call 811 or www.sunshine811.com two full
business days before digging to have utilities
located and marked.

PROJECT:

VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

Table with 4 columns: NO., DESCRIPTION, DATE, BY. Row 1: ADDENDUM NO. 1, 07-17-2023, C.Y.

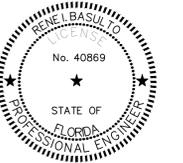
DATE ISSUED: 7/18/2023

DESIGNED BY: C.Y.

DRAWN BY: D.T.

REVIEWED BY: C.Y.

SEAL:



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RENE I. BASULTO P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

RENE I. BASULTO, P.E. P.E. 40869

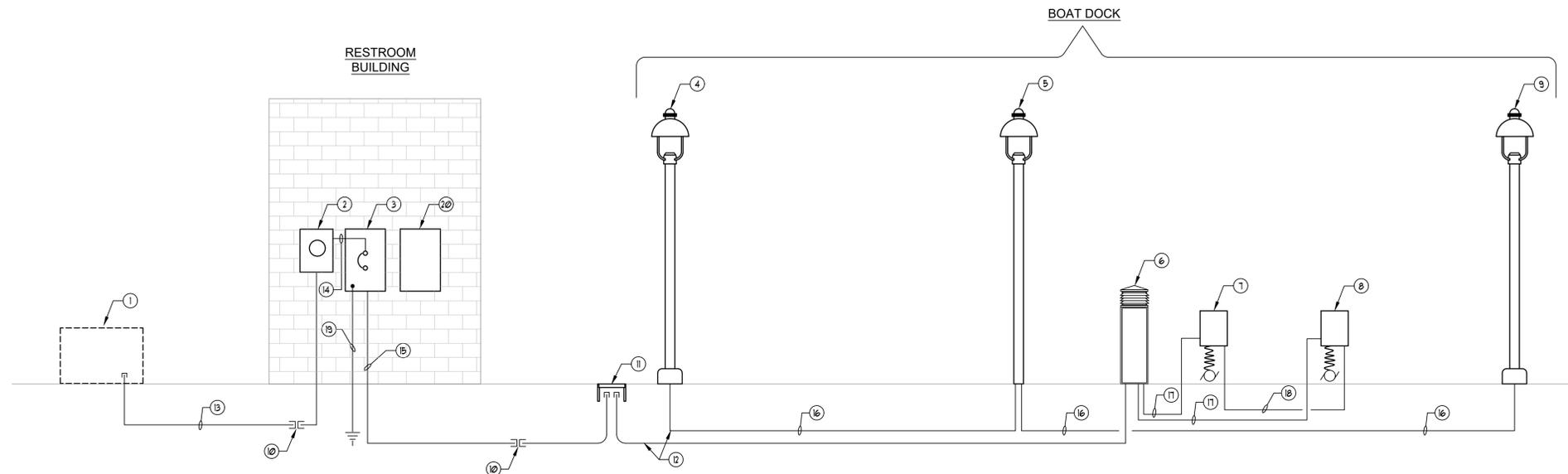
SHEET TITLE:

ELECTRICAL RISER CCTV RISER

SHEET NO.

E-4.0

BID SET



ELECTRICAL RISER

N.T.S.

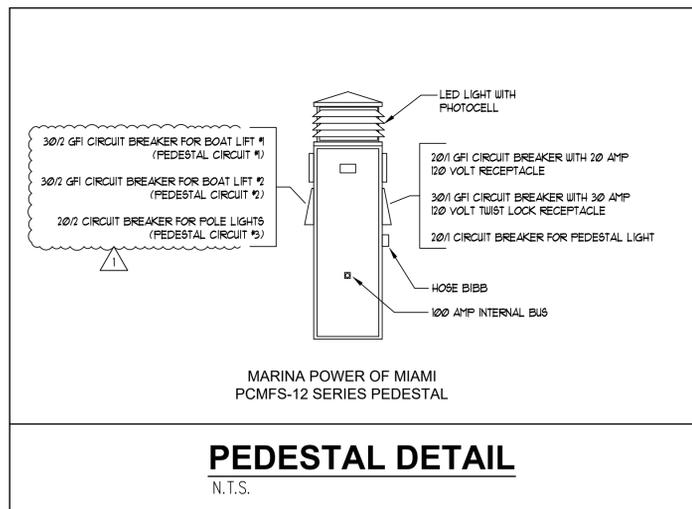
PANEL: DK table with columns for CKT., WIRE, COND., BKR., SERVES, LOAD, V-A, BKR., COND., WIRE, CKT. Includes notes on wire and conduit sizes.

ELECTRICAL RISER KEY NOTES

- 1 EXISTING FLORIDA POWER AND LIGHT COMPANY PAD MOUNTED TRANSFORMER.
2 NEW 100 AMP ELECTRICAL SERVICE METER.
3 ELECTRICAL PANEL "DK" AND ELECTRICAL SERVICE MAIN #1 OF 1.
... 16 NEW LIGHT POLE FEEDERS. 2 * 10 AND 1 * 10 (G) THIN COPPER IN 1" CONDUIT.

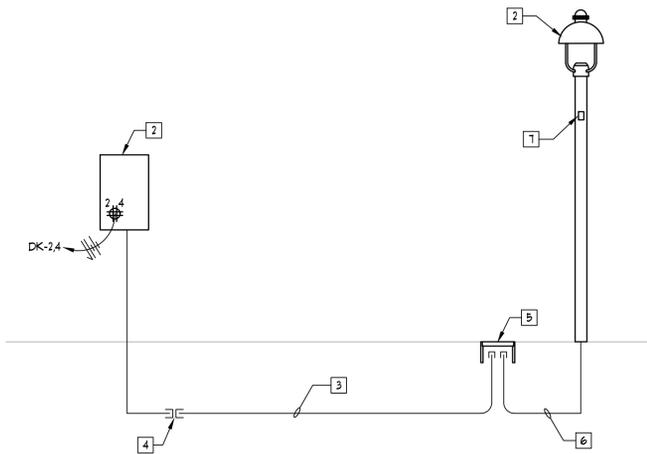
LOAD SUMMARY

Table listing electrical loads: LIGHTS (394 W), LIFT MOTOR #1 (4888 W), LIFT MOTOR #2 (3910 W), RECEPTABLES (4200 W), TOTAL (13392 W + 240 = 56 AMP@).



PEDESTAL DETAIL

N.T.S.



CCTV RISER

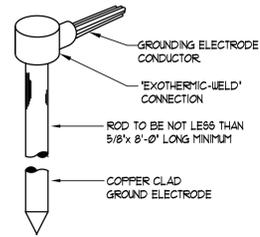
N.T.S.

CCTV KEY NOTES

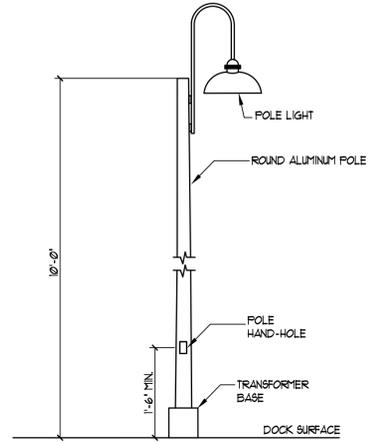
- 1 RACK MOUNTED CCTV SYSTEM TERMINAL CABINET. HOFFMAN TYPE 316 GRADE STAINLESS STEEL, 24" X 30" X 8" DEEP, NEMA "4X" WITH HINGED LOCKING COVER.
2 NEW LIGHT POLE #2.
3 NEW 2" CONDUIT FOR "CCTV" SYSTEM CABLES.
... 1 FACTORY MADE OPENING WITH COVER PLATE IN POLE AT 10'-0" ABOVE DOCK FOR "CCTV" WIRING.

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"X36". IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. C:\USERS\DTOLEN\DRIVE - BASULTO\A\ASSOCIATES\DOCUMENTS\GENERAL\EAC CONSULTING, INC\NORTH BAY VILLAGE POLICE DOCK\ELECTRICAL\089202493\E-4.0-RISER.DWG, July 18, 2023 9:54 AM DORCAS

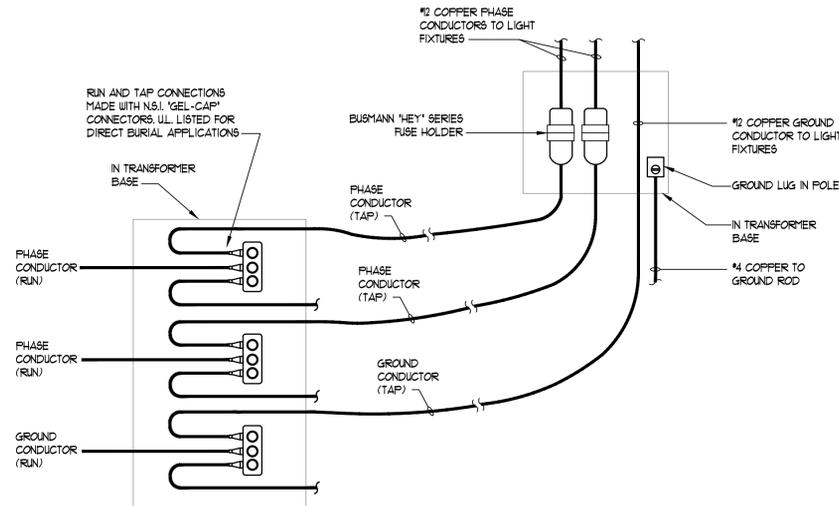


GROUND ROD DETAIL
N.T.S.

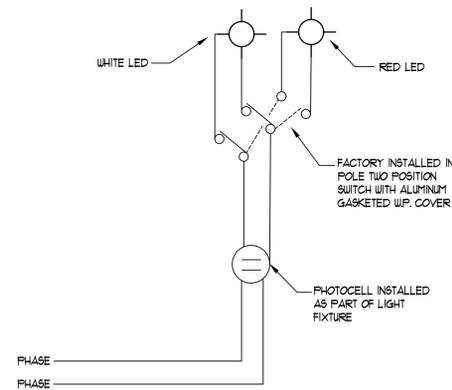


NOTE:
① ROUND ALUMINUM POLE CONTRACTOR SHALL PROVIDE WIND LOAD CALCULATIONS REFLECTING COMPLIANCE WITH FLORIDA BUILDING CODE. CALCULATIONS SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED STRUCTURAL ENGINEER.

LIGHT POLE DETAIL A
N.T.S.



SPlicing DETAIL
N.T.S. NOTE: WIRE NUTS NOT PERMITTED.



POLE LIGHT SWITCHING DETAIL
N.T.S.

PAVILION II LED Specifications



Ordering Information

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	CAP/SHADE	OPTIONS	OPTIONS	
PD-L	T1 Type 1 T2 Type 2 T3 Type 3 T4 Type 4 T4A Type 4 Automotive T5 Type 5 T5W Type 5 Wide T5WR Type 5 Wide Round	16LC 32LC 48LC 64LC 80LC	3 350mA 5 530mA 5K 5000K	3K 3000K 4K 4000K 5K 5000K	UNV 120-277V 8 347V 5 480V	AM Arm Mount YM1 Yoke Mount 1 Bar YM2 Yoke Mount 2 Bars WM Wall Mount - Requires Decorative Arm GP Graphite GY Grey SL Silver-Metallic CC Custom Color	BZ Bronze BK Black SBK Smooth Black WH White SWH Smooth White	C1 C3 H1 H2 H3	PC-120 PC-208 PC-240 PC-277 WVC CLL WSC-8 WSC-20 WSC-40 DIM	Visionaire Wireless Controls *Consult Factory Castall Lower Shield Motion Sensor 8" Mounting Height Motion Sensor 21-40" Mounting Height Motion Sensor 21-40" Mounting Height 110V/120V remote for programming	

VISIONAIRE LIGHTING

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER & CATALOG NUMBER	NUMBER OF LAMPS	VOLTS	MOUNTING	REMARKS
A	VISIONAIRE * PD-L-T5-48LC-5-4K-RED-2-CIRCUIT-UNV-CI-HI-PC-VA103-6I	105 WATT LED ARRAY AND RED LED ARRAY	240	POLE	SEE SWITCHING DETAIL
B	CARMANAL-SABIK * M650R-6GPs	LED	SOLAR	DOCK	WITH OPTIONS 51003, 38334, 59198

Self-contained

M650H

Self-contained LED lantern for buoys and minor beacons, 2 to 4+ NM Range

The M650H is a cost effective, self-contained, high performance, low-maintenance and easy-to-install solar LED marine lantern. The M650H features a replaceable battery pack that extends the service life beyond five years, reducing the total cost of ownership. Applications include: marina lighting, dock lighting, and port lighting. To view performance in your installation location, visit www.camnanmarine.com/selector.

Two cap choices combined with three shapes of shades; allow for a number of design options. The decorative rings are cast aluminum.

Durable polyester powder coat finish is available in an array of architectural colors.

The Pavilion II series is an elegant choice for parks, retail settings, restaurants, marinas and sports arenas.



- Standard IALA colours Red, Green, White, Yellow, Blue
- High efficiency solar cells with bypass and blocking diode function. Maximum power point tracking (MPPT) for optimal energy collection
- Premium grade UV resistant, polycarbonate/polysiloxane co-polymer body and lens material
- Colour specific temperature corrected LED drivers provide consistent intensity under all operating conditions
- IP 68 rated. Double O-ring sealing with waterproof vent
- SLA battery
- Ventilated battery compartment
- Adjustable intensity and range
- Vertical divergence > 8° (FWHM)
- Programmable with On-Board User Interface, USB port, or optional wireless IR-Programmer
- Integrated event-log
- Optional ON/OFF switch
- Optional external charger
- Optionally integrated GPS synchronization



NORTH BAY VILLAGE

CONSULTANT:



EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:

Project No.- 21087



BASULTO ASSOCIATES
CONSULTING ENGINEERS
René I. Basulto, P.E. 14160 Palmetto Frontage Road
PE 40869 - FL CA06722 Suite 22, Miami Lakes, FL 33016
www.basulto.com 305.698.3988, fax: 305.698.3989

DESIGN TICKET NO. 089202493



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:

VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY
1	ADDENDUM NO. 1	07-17-2023	C.Y.

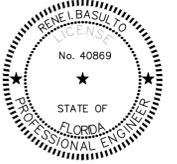
DATE ISSUED: 7/18/2023

DESIGNED BY: C.Y.

DRAWN BY: D.T.

REVIEWED BY: C.Y.

SEAL:



RENÉ I. BASULTO, P.E.
P.E. 40869

SHEET TITLE:

ELECTRICAL DETAILS

SHEET NO.

E-5.0

BID SET

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RENÉ I. BASULTO P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"X36". IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. C:\USERS\TD\LEONEDRIVE - BASULTO\ASSOCIATES\DOCUMENTS\GENERAL\EAC CONSULTING, INC\NORTH BAY VILLAGE POLICE DOCK\ELECTRICAL\087-E5.0-DETAILS.DWG, July 18, 2023 9:55 AM DORCAS



May 3, 2023

Charles Yost
14160 Palmetto Frontage Road, Ste 22
Miami Lakes, FL 33016

Re: Available Fault Current for Vogel Park North Bay Village

Dear Charles Yost:

Thank you for contacting FPL about the available fault current at Vogel Park North Bay Village. Based on the plans you have provided dated May 02 2023, the maximum available fault current at the transformer secondary terminals is estimated to be 38620 symmetrical amperes at 120/240 volts. The protective device on the line side of the transformer currently in place or to be installed and serving your property located at the subject location is a 15 amp type KS fuse. The primary service voltage is 7.6kV L-G. This calculated symmetrical fault current is not intended for use as the basis for motor starting calculations and does not include:

- Consideration for any motor contribution or
- Fault current asymmetry.

The FPL equipment currently serving or planned to serve your facility may change over time as a result of any number of factors, including but not limited to transformer replacements due to load growth, electrical grid changes or emergencies. As a result, although we are providing you with this information for the sole purpose of assisting you in the completion of your study, you and your client should not design, install or operate your system in reliance upon any expectation that the specific size and type of equipment currently in place will remain so. If and when the size and type of the equipment changes, our employees are not always in a position to immediately notify customers.

As the construction project progresses, any questions or information you may need can be communicated through me. I have enclosed my business card for easy reference and look forward to hearing from you in the near future.

Sincerely,

Patricia Nistal
Distribution Engineer

FAULT CURRENT CALCULATION RESULTS

FAULT SCA SOURCE = TA SECONDARY
SCA AVAILABLE = 38620
SYSTEM VOLTAGE = 120/240
SYSTEM PHASE = 1 PHASE

TRANSFORMERS									
NAME	PH	SIZE	PRIV	SEC.V	SCAL-L				
TA FPL PAD	1-PH	100	1600	120/240	38620				
NAME	COND	CABLE	SIZE	QTY	FEET	SCAL-L	SCAL-N		
S/F SERVICE LATERAL	PVC	1/CU	3	1	40	10501	6,418		

MAIN FEEDERS									
NAME	COND	CABLE	SIZE	QTY	FEET	SCAL-L	SCAL-N		
F1 FEEDER TO PEDESTAL	PVC	1/CU	1	1	120	4314	2,266		

SOURCE: EDR ELECTRICAL DESIGNER'S REFERENCE
SOFTWARE VERSION: IUI (BUILD 11), BASED ON THE 2011 NEC®.
COPYRIGHT © 2000-2011 C-E ELECTRONIC PUBLISHING, INC. ALL RIGHTS RESERVED.



NORTH BAY VILLAGE

CONSULTANT:



5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:

Project No.- 21087



Rene I. Basulto, PE 14160 Palmetto Frontage Road
PE 40869 - FL CA06722 Suite 22, Miami Lakes, FL 33016
www.basulto.com 305.698.3988, fax: 305.698.3989

DESIGN TICKET NO. 089202493



Call 811 or www.sunshine811.com two full
business days before digging to have utilities
located and marked.
Check positive response codes before you dig!

PROJECT:

**VOGEL PARK
MARINE FACILITY
PHASE II**

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY
△	ADDENDUM NO. 1	07-17-2023	C.Y.

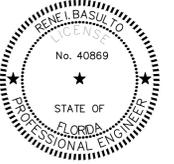
DATE ISSUED: 7/18/2023

DESIGNED BY: C.Y.

DRAWN BY: D.T.

REVIEWED BY: C.Y.

SEAL:



RENE I. BASULTO, P.E.
P.E. 40869

SHEET TITLE:

**FPL LETTER AND FAULT
CURRENT CALCULATION**

SHEET NO.

E-6.0

BID SET

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RENE I. BASULTO P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE #X#86" IF PLOTTED ON OTHER SIZE. EDR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. C:\USERS\DOLE\ONE\DRIVE - BASULTO & ASSOCIATES\DOCUMENTS\GENERAL\EAC CONSULTING, INC\NORTH BAY VILLAGE POLICE BOOK\ELECTRICAL\21087-E-6.0-FPL LETTER.DWG July 18, 2023 9:55 AM DORCAS



NORTH BAY VILLAGE

CONSULTANT:



EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:

Project No.- 21087



BASULTO ASSOCIATES
14160 Palmetto Frontage Road
Suite 22, Miami Lakes, FL 33016
305.698.3988, fax: 305.698.3989

DESIGN TICKET NO. 089202493



Call 811 or www.sunshinee11.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:

VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

Table with 4 columns: NO., DESCRIPTION, DATE, BY. Row 1: ADDENDUM NO. 1, 07-17-2023, C.Y.

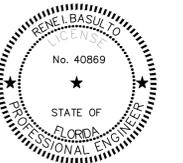
DATE ISSUED: 7/18/2023

DESIGNED BY: C.Y.

DRAWN BY: D.T.

REVIEWED BY: C.Y.

SEAL:



RENE I. BASULTO, P.E.
P.E. 40869

SHEET TITLE:

GENERAL NOTES, SYMBOLS LEGEND AND DETAILS

SHEET NO.

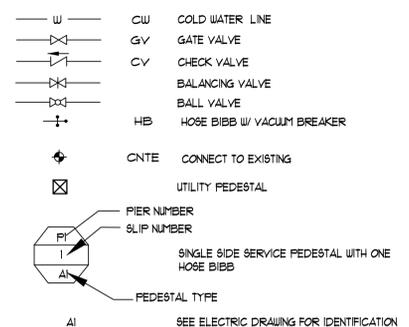
P-1.0

BID SET

PLUMBING NOTES AND SPECIFICATIONS

- 1. DRAWINGS ARE DIAGNOMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED...
2. COORDINATE PLUMBING SYSTEMS WITH WORK OF ALL OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION...
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE FBC PLUMBING 2020 EDITION AND THE 2020 ACCESSIBILITY CODE...
4. WORK UNDER THIS SECTION INCLUDES FURNISHING ALL LABOR, EQUIPMENT, MATERIALS, SUPPLIES AND COMPONENTS AS PERFORMING ALL OPERATIONS AS NECESSARY FOR THE INSTALLATION OF THE COMPLETE PLUMBING SYSTEM...
5. INSTALL ALL DEVICES AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS...
6. SUBMIT MANUFACTURER'S DATA AND SHOP DRAWINGS ON ALL EQUIPMENT FOR REVIEW BEFORE INSTALLATION...
7. NO WATER LINES SHALL RUN INSIDE CONCRETE SLABS...
8. ALL DIMENSIONS AND ACTUAL CONSTRUCTION CONDITIONS MUST BE VERIFIED AT THE JOB SITE...
B. DOMESTIC WATER PIPING:
1. ABOVE GROUND PIPING SERVING THE MARINA DOCK SHALL BE OF HDPE MATERIAL, PVC SCHEDULE # 40 OR EQUIVALENT HAVING A MINIMUM MATERIAL DESIGNATION CODE OF PE410 OR PE3608. THE MATERIAL SHALL MEET ASTM D3350 AND NSF-61 REQUIREMENTS...
2. PROVIDE DIELECTRIC ISOLATION BETWEEN CONTACT OF DISSIMILAR METALS...
3. CP ESCUTCHEON PLATES REQUIRED ON ALL WALL PENETRATIONS...
4. PROVIDE SHUT OFF VALVES AT EACH PLUMBING FIXTURE WATER SUPPLY...
C. PIPE HANGERS AND SUPPORTS:
1. PROVIDE ADJUSTABLE HANGERS, INSERTS AND SUPPLEMENTARY STEEL AS REQUIRED FOR PROPER SUPPORT OF PIPE LINES...
D. EXECUTION:
1. ALL WATER PIPING SHALL BE TESTED AT 100 PSIG, STERILIZED AND FLUSHED BEFORE CONNECTION TO BUILDING SOURCE.

PLUMBING LEGEND



PCMFS 12 PEDESTAL



- SPECIFICATIONS:
• 5052 Marine grade aluminum or stainless steel
• .090 Gauge
• Powder Coated Gloss Sky White
• Other colors available upon request
• Height with louvered light: 54 3/2"
• Height without louvered light: 46"
• Width with louvered light: 14"
• Width with doors: 18"
• Depth with louvered light: 14"
• All stainless steel hardware

- AVAILABLE LIGHTED TOPS:
TPL 4-Tier louvered light with acrylic lens
TP Tapered top used with milk white lens (shown)
Lamp (2) PL7 or 9 watt fluorescent or LED & Driver

FEATURES:
• Above unit, double-sided service, has two copper bus bars each rated for 125 amp. These can be tied together for up to a single 250 amp single phase 120/240 volt service. Maximum of two 50 amp, one 30 amp and one GFI receptacle per side.

• This Pedestal can handle up to three receptacles per side. It can accommodate up to one 100 amp and two 50 amp breaker/receptacles per side for an exterior situation. This unit is also available with up to two 100 amp three-phase 480 volt breaker/receptacles per side if needed. Consult factory.

• Breakers and receptacles can easily be changed in the field by qualified personnel. All breakers are Siemens type. All receptacles are Hubbell or Cooper ArrowHart.

• Telephone and Cable TV can also be supplied.

• Electric meters are by EML Associates and carry a 2 year warranty. Water meters are DLJ and carry a 1-year warranty.

• This unit can be supplied with RF Remote Meter Reading capability.

• Unit is listed by Intertek to UL231 Standard.

• Suggest anchoring is 3/8" stainless steel rod heads in concrete. Separate base from concrete with stainless steel washers. If mounting on a wood deck, suggest 3/8" stainless steel thru bolts with nuts and lock washers.

NOMENCLATURE

SPECIFICATIONS - PEDESTALS PCMFS 99; 12; 16

- All Pedestals are fabricated with .090 5052 marine grade aluminum or stainless steel.
• Base and top frame is 125 aluminum.
• All hardware is stainless steel.
• Pedestals are Powdered Coat Gloss Sky White.
• Other colors are available upon request.

PCMFS 99; 12 Utilize Siemens copper bus on each side rated for 125 amper 125/250 volt.

PCMFS 16 Utilize Siemens copper bus on each side rated for 200 amper 125/240 volt or 120/208 volt or three-phase 4-wire.

PCMFS 12; 16 Will accommodate bolt on circuit breakers at 125, 208, 250, 277 or 480 volt if required.

PCMFS - Power Center Mini, Free Standing

99 - 10" square Pedestal

12 - 12" square Pedestal

16 - 16" square Pedestal

RECEPTACLES AND BREAKER COMBINATION

- A(GFI) - 20 amp, 125v 2-pole 3-wire, GFI receptacle and breaker
A - 20 amp, 125v 2-pole 3-wire, twist-lock receptacle and breaker
B - 30 amp, 125v 2-pole 3-wire, twist-lock receptacle and breaker
B(GE) - 30 amp, 125v 35 mA ground fault circuit breaker
C - 50 amp, 125v 2-pole 3-wire, twist-lock receptacle and breaker
D - 50 amp, 125/250v 3-pole 4-wire, twist-lock receptacle and breaker
D(GE) - 50 amp, 240v 35 mA ground fault circuit breaker
E - 100 amp, 125/250v 3-pole 4-wire, pin and sleeve receptacle and breaker
F - 100 amp, 120/208v 4-pole 5-wire, pin and sleeve receptacle and breaker
H480 - 100 amp, 480v 3-pole 3-wire, pin and sleeve receptacle and breaker
G200 - 200 amp, 120/208v 4-pole 5-wire, pin and sleeve receptacle and breaker
G480 - 200 amp, 480v 3-pole 3-wire & ground, pin and sleeve receptacle and breaker
H480 - 400 amp, 480v 3-pole 3-wire & ground, pin and sleeve receptacle and breaker

Note: All 200 amp and 400 amp receptacle and breakers are restricted to the PCMFS 16 and also available in 277/480 volt if required.

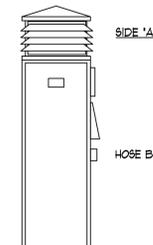
- L - Light available with two PL7/41K fluorescent lamps when using milk white light lens and
LK - Lock for receptacle door
WLK - Lock for water faucet
PC - Photo cell for light
RLF - Remote lamp feed from external power source
M - One single phase electric mechanical meter - specify voltage
M3 - One three phase electric mechanical meter - specify voltage
WM - One water meter
Note: Electric and water meters available for remote RF or direct wire reading.
RC - Remote circuit
T - Telephone outlet
TV - CATV outlet
TTV - Combination telephone and CATV outlet
W - Water faucet
WP - Tapered top - used with milk white lens or no light.
TPL - 4-Tier louvered light with acrylic lens

Example: For a 12" power center, double sided service with a 50 amp 125/250 volt; 30 amp 125 volt breaker/receptacle plus a 20 amp 125 volt breaker(GFI) receptacle with a combination Telephone/Cable TV plus Water on each side with a louvered 4-tier light and photo cell. The catalog number will be: PCMFS 12-DBA(GFI)-DBA(GFI)-PCL-ZTTV-2W-TPL

ALL UNITS ARE LISTED AS AN ASSEMBLY TO UL 231 STANDARD BY Intertek Certificate #

DIMENSIONS

Table with 3 columns: PCMFS 99, PCMFS 12, PCMFS 16. Rows include H (Height), W (Width), D (Depth), WDoor (Width Door), and HLight (Height Light).

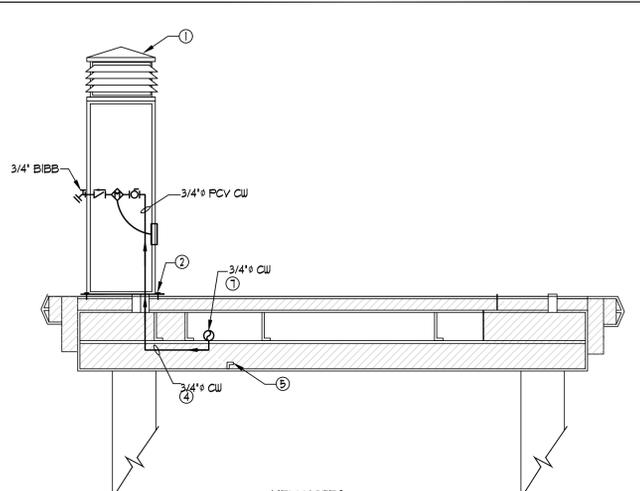


PEDESTAL TYPE

REFER TO ELECTRICAL DRAWINGS FOR MANUFACTURER'S AND MODEL NUMBER

PEDESTAL DETAIL

N.T.S.



KEY NOTES

- 1. CABINET INSTALL DOCK BOX NEAR OUTBOARD EDGE OF PIER SO AS TO OPTIMIZE AVAILABLE SPACE FOR PEDESTRIAN TRAFFIC IN THE CENTER OF THE PIER. ORIENT CABINET WITH HOSE BIBB TO THE OUTBOARD SIDE.
2. SECURE CABINET TO DECK WITH MINIMUM OF FOUR STAINLESS STEEL FASTENERS OR AS RECOMMENDED BY CABINET MANUFACTURER.
3. CORE DRILL DECK FOR POTABLE WATER PIPE INSTALLATION. MAKE THE OPENING A MINIMUM OF 1/4 INCH LARGER THAN OUTSIDE DIAMETER OF PIPE. PROVIDE SHRINK WRAP ON THE PIPE AT THE DECK PENETRATION TO PROTECT AGAINST ABRASION.
4. EXTEND PVC PRESSURE PIPE FOR POTABLE WATER SUPPLY TO DOCK CABINET AND TIE INTO SINGLE POINT CONNECTION FOR PW SUPPLY.
5. TYPICAL PIPE SUPPORT STRUT BETWEEN CROSS MEMBERS AT 3-FOOT O.C. SECURE PIPE TO STRUCTURE WITH CLAMP OR EQUIVALENT STRAPPING METHOD.

PIERS SECTIONS

N.T.S.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RENE I. BASULTO P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 84"x36" - IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. CHANGES TO DOCUMENTS GENERAL EAC CONSULTING, INC/NORTH BAY VILLAGE POLICE DEPARTMENT PLUMBING 01/08/P.P. 10 GENNOTESSYMBOLS.DWG July 18, 2023 3:55 AM DORCAS



OVERALL SITE PLAN
SCALE: 1" = 10'-0"

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RENE I. BASULTO, P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



NORTH BAY VILLAGE

CONSULTANT:



EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:

Project No.- 21087



Basulto, PE 14160 Palmetto Frontage Road
PE 40869 - FL CA06722 Suite 22, Miami Lakes, FL 33016
www.basulto.com 305.698.3988, fax: 305.698.3989

DESIGN TICKET NO. 089202493



Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:

**VOGEL PARK
MARINE FACILITY
PHASE II**

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY
△	ADDENDUM NO. 1	07-17-2023	C.Y.

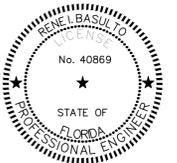
DATE ISSUED: 7/18/2023

DESIGNED BY: C.Y.

DRAWN BY: D.T.

REVIEWED BY: C.Y.

SEAL:



RENE I. BASULTO, P.E.
P.E. 40869

SHEET TITLE:

**OVERALL PLUMBING
SITE PLAN**

SHEET NO.

P-2.0

BID SET

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 41X56" IF PLOTTED ON OTHER SIZE, EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. C:\USERS\ITOLE\ONE\DRIVE - BASULTO & ASSOCIATES\DOCUMENTS\GENERAL EAC CONSULTING - NORTH BAY VILLAGE POLICE DOCK\PLUMBING\089202493\F2.0\OVERALL SITE PLAN.DWG July 18, 2023 3:55 AM DORCAS



ENLARGED DOCK PLAN
SCALE: 1/4" = 1'-0"



LEGEND

	UTILITY PEDESTAL
	DOMESTIC WATER LINE AND FLOW DIRECTION
	BALL VALVE

KEY NOTES

- ① NEW MARINA POWER PEDESTAL WITH GENERAL PURPOSE RECEPTACLE AND WATER CONNECTION.
- ② 3/4" DOMESTIC WATER PIPE.
- ③ N/A
- ④ N/A
- ⑤ CONNECTING TO EXISTING DOMESTIC WATER PIPE. THE EXACT LOCATION OF THE PIPES HAS TO BE FOUND ON THE FIELD BY THE CONTRACTOR.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RENE I. BASULTO P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



CONSULTANT:
EAC
EAC Consulting, Inc.
5959 BLUE LAGOON DRIVE, SUITE 410
MIAMI, FL 33126
PH: 305-265-5400
EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT:
Project No. - 21087
BASULTO ASSOCIATES
CONSULTING ENGINEERS
René I. Basulto, PE 14160 Palmetto Frontage Road
PE 40869 - FL CA06722 Suite 22, Miami Lakes, FL 33016
www.basulto.com 305.698.3988, fax: 305.698.3989

DESIGN TICKET NO. 089202493
Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

PROJECT:
VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

REVISIONS:

NO.	DESCRIPTION	DATE	BY
△ 1	ADDENDUM NO. 1	07-17-2023	C.Y.

DATE ISSUED: 7/18/2023
DESIGNED BY: C.Y.
DRAWN BY: D.T.
REVIEWED BY: C.Y.

SEAL:

RENE I. BASULTO, P.E.
P.E. 40869

SHEET TITLE:
ENLARGED PLUMBING DOCK PLAN

SHEET NO.
P-3.0

BID SET

NOT FOR CONSTRUCTION WITHOUT PERMITS AND APPROVALS OF REGULATORY AGENCIES

PLAN SCALE CORRESPONDS TO PLOT SIZE 24"x36". IF PLOTTED ON OTHER SIZE EOR DOES NOT WARRANT THE ACCURACY OF THE PLAN SCALE. C:\USERS\TOLEON\DRIVE - BASULTO & ASSOCIATES\DOCUMENTS\GENERAL\EAC CONSULTING, INC\NORTH BAY VILLAGE POLICE DOCK\PLUMBING\21087-P-3.0-ENLARGED DOCK PLAN.DWG, July 18, 2023 9:55 AM DORCAS