

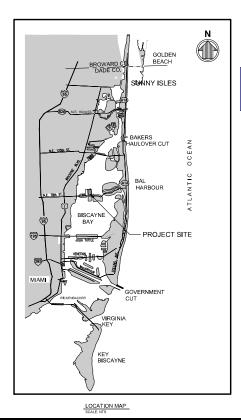


# VOGEL PARK DOCK DESIGN

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







	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
North Bay Village – Building Department	S-102	PILE PLAN
Approved by Leonardo Liguori - Building Date: 05/22/2023	S-103	DECK PLAN
Dist	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)
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	E-4.0	ELECTRICAL RISER CCTV RISER
	E-5.0	ELECTRICAL DETAILS

INDEX OF DRAWINGS

PAUL VOGEL PARK
NORTH BAY VILLAGE
7920 WEST DRIVE

NORTH BAY VILLAGE, FL 3314
CONSULTANT:

EAC Consulting, Inc.

5959 BLUE LAGOON DRIVE, SUITE 4:
MIANII, FL 33126
PH: 305-265-5400
EAC PROJECT No. 1907S-LD01-09

SUB-CONSULTAI

moffatt & nichol

MIAMI, FL 33133 305-230-1924 (FL EB 4877)

PROJECT

VOGEL PARK MARINE FACILITY PHASE 2

EY MAP:

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ΑT	E ISSUED: March 3, 2023	
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TIM BLANKENSHIP

SHEET TITLE:

COVER SHEET & INDEX OF DRAWINGS

SHEET NO

G-001

PERMIT SUBMITTAL

#### GENERAL WATERSIDE NOTES

- 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 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 THE CONTRACTOR SHALL PLACE CONSTRUCTION DEBNIS CONTROL DEVICES, BOOMS, TARPAULINS, FLOATS, STAGING, AND OTHER DEVICES AS NECESSARY TO PREVENT CONSTRUCTION DEBRIS FROM ENTERING THE 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.
- 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 STORM SEWERS, AND WALEKWAYS. 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
- 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
- 7. SCALE BARS ARE INTENDED FOR REFERENCE ONLY, ALL DIMENSIONS NECESSARY FOR CONSTRUCTION SHALL BE TAKEN FROM DIMENSION NNOTATION AND NOT SCALED DIRECTLY FROM DRAWINGS.

#### SURVEY NOTES

TOPOGRAPHIC SURVEY PERFORMED BY SEA DIVERSIFIED, INC. SURVEY CONDUCTED ON MARCH 9-10, 2021.

- HYDROGRAPHIC ELEVATIONS SHOWN HEREIN PROVIDED BY SEA DIVERSIFIED, INC. SURVEY CONDUCTED ON MARCH 9-10, 2021.
- 3 FLEVATIONS ARE IN FEET AND REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
- 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.
- THE TIDAL DATUM RELATIONSHIP BASED ON NOS (NOAA) STATION AT MIAMI, BISCAYNE BAY, FL (STATION 8723165).

VERTICAL DATUM RELATIONSHIP						
DATUM	ELEV					
MHHW	+ 0.26 FEET					
MHW	+ 0.22 FEET					
MSL -0.89 FEET						
NAVD -0.00 FEET						
MLW -1.97 FEET						
MLLW	MLLW -2.11 FEET					

#### **DEMOLITION NOTES**

- 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
- ALL DEMOLISHED MATERIAL, EXCEPT AS NOTED OTHERWISE, BECOMES THE PROPERTY OF, AND SHALL BE COMPLETELY REMOVED AND DISPOSE DO FBY THE CONTRACTOR. THE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THE REMOVED, HANDLING, AND DISPOSAL OF ALL DEMOLITION MATERIALS SHALL BE IN STRICT ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS
- 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:

- ALL CONSTRUCTION STAKEOUT SHALL BE PERFORMED BY AND PAID FOR
- ALL TESTING INSPECTION AND BACKELL 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 SHEDULE

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

#### **ENVIRONMENTAL NOTES**

- TURBIDITY BARRIERS SHALL BE MANUFACTURED IN ACCORDANCE WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX NO. 103.
- 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.
- 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
- 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

- 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
- 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
- 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 THE WATER QUALITY READINGS THE APPROVAL OF THE AGENCIES
- 5. CONTRACTOR SHALL COMPILE AND SUBMIT MONITORING REPORTS TO OWNER AND TO THE AGENCIES, AS REQUIRED IN THE ENVIRONMENTAL
- 6. CONTRACTOR SHALL UTILIZE DOUBLE TURBIDITY CURTAIN.



DATE 02/15/2023

**RER - NATURAL RESOURCES DIVISION** PRELIMINARY APPROVAL NAME Lindsay Elam

#### ABBREVIATIONS

= DOUBLE

DN EMBED = DOWN = EMBEDMENT = EQUAL

EQ GALV LG MHW = GALVANIZED

= GALVANIZED = LONG = MEAN HIGH WATER = MEAN HIGHER HIGH WATER = MEAN LOW WATER MLW

= MEAN LOWER LOW WATER MLLW = MEAN SEA LEVEL

MSL NAD = NORTH AMERICAN DATUM = NORTH AMERICAN DATUM = NORTH AMERICAN VERTICAL DATUM 88 = NOT IN CONTRACT = NATIONAL MARINE FISHERIES SERVICE

NAVD NIC NMFS SPA = SPACES

= STAINLESS STEEL

SS SQ UON

= STAINLESS STEEL = SQUARE = UNLESS OTHERWISE NOTED = BASELINE = CENTERLINE BL CL

= MINUTES OR FEET

= INCHES

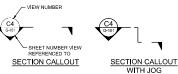
= AND = DEGREE = PLUS OR MINUS

= DIAMETER

= PLATE

#### LEGEND







KEYED NOTE

VIEW NUMBER IS BASED ON THE (DACS) LOCATION OF THE WIEW NOMBER IS BASEJ ON THE DAGS JOCATION OF THE WIEW ON THE REFERENCED SHEET. WHEN REFERENCED SHEET IN THE VIEW AND SHEET NUMBERS MUST BE QUOTED TOGETHER - EITHER IN A CALLOUT FORMAT AS SHOWN ABOVE OR IN THE FORM.

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DETAIL CALLOUT WITH

LEADERS



EAC Consulting, Inc. EAC PROJECT No. 19075 LD01-09

SUB-CONSULTANT



(FL EB 4877

**VOGEL PARK** MARINE FACILITY PHASE 2

KEY MAP:

REVIEWED BY: KT

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TIM BLANKENSHIP

WATERSIDE **GENERAL NOTES** 

HEET NO. S-001

PERMIT SUBMITTAL



## DESIGN CRITERIA

#### LOADING:

- A. DESIGN VESSEL: 50 FEET
- B LIVE LOAD
- FIXED DOCK 100 PSF UNIFORM LOAD
  - 400-LBS POINT LOAD
- · RAILINGS: 200-LBS CONCENTRATED LOAD (LATERAL)
- C. BERTHING LOAD:
- 3.0 FT/S APPROACH SPEED
   30 DEG APPROACH ANGLE
- D. WIND LOAD:
- · DOCK (UNOCCUPIED):170 MPH (3-SEC GUST)
- DOCKS (OCCUPIED):45 MPH (3-SEC GUST)
- E. CURRENT LOAD: 3.3 FT/S
- F. WAVE LOAD:
- SIGNIFICANT WAVE HEIGHT (Hs):2.5 FT
- WAVE PERIOD:3 0s
- G. KAYAK LAUNCH & BOAT LIFT:
- SEE SHEET S-101
- DESIGN CODES AND STANDARDS:
- A. FLORIDA BUILDING CODE (2020)
- B. AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI
- C. AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL, 16TH EDITION.
- D. AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE (AWS D1.1 2017).
- E. AMERICAN SOCIETY OF CIVIL ENGINEERS MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7-16)
- F. FDOT 2022 ROAD & BRIDGE STANDARD SPECIFICATIONS.
- G. AMERICAN SOCIETY OF CIVIL ENGINEERS MANUAL 50 PLANNING AND DESIGN GUIDELINES FOR SMALL CRAFT HARBORS (2012).
- H. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS 2015)

#### CONCRETE & REINFORCING STEEL

- 1. ALL CONCRETE MATERIALS, REINFORCEMENT, AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT 9. SPIRAL TIES: SPECIFICATION 346, 400, AND 415 UNLESS OTHERWISE NOTED
- L DETAILING, FABRICATION, AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO THE ACI INUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, ACI 315 AND ACI

ALL CONCRETE SHALL BE A NORMAL WEIGHT CONCRETE (WITH A MINIMUM DENSITY OF 145 pcf).

- MATERIALS SHALL CONFORM TO THE FOLLOWING, UNLESS OTHERWISE NOTED:
- A. CAST-IN-PLACE CONCRETE ...............5,500 psi (MIN, FDOT CLASS IV)
- B. PRECAST/PRESTRESSED CONCRETE......6.000 psi (MIN. FDOT CLASS V SPECIAL)
- C. REINFORCING STEEL ... ......ASTM A615. GRADE 60
- 5. CONCRETE SHALL CONTAIN 3 GAL/CY OF CORROSION INHIBITING ADMIXTURE, EUCON CIA OR APPROVED
- AGGREGATE SHALL CONFORM TO ASTM C 33, NO. 57.
- 7. PROVIDE BROOM FINISH FOR ALL WALKING SURFACES
- 8. MINIMUM CONCRETE CLEAR COVER FOR REINFORCEMENT, 3" UON.
- 9. 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 WIC RATIO IS 0.41.
- 11. CONTRACTOR SHALL REPAIR ALL SURFACE BLEMISHES IN CONCRETE WITHIN 24 HOURS AFTER FORM REMOVAL.
- 12. ALL CONCRETE WORK, PLACEMENT MEANS, AND METHODS SHALL BE IN ACCORDANCE WITH ACI 304-10. 308-01, 308, 1-11 & 347R-03
- 13. ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, ACI 315-99, REINFORCING STEEL SHOP DRAWINGS SHALL BE SUBMITTED AND APPROVED PRIOR TO USE
- 14. ALL CONSTRUCTION JOINTS RETWEEN CAST IN PLACE CONCRETE AND RETWEEN PRECAST TO CAST IN PLACE CONCRETE TO BE CLEANED WITH A ROUGHENED SURFACE OF X\* AMPLITUDE AND BONDED WITH EPOXY BONDING AGENT.
- 15. 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
- 16. METAL CHAIRS ARE NOT ALLOWED AND NO METAL SHALL PROTRUDE FROM SURFACE OF THE CONCRETE.
- 17. CURE CONCRETE USING CONTINUOUS MOISTURE AND/OR MEMBRANE CURING COMPOUND IN ACCORDANCE WITH FDOT SPECIFICATION 400-16.1 AND 400-16.2

- 18. EPOXY BONDING COMPOUND SHALL BE IN ACCORDANCE WITH FDOT SECTION 926 AND 937.
- 19. FOR MECHANICAL REINFORCING BAR CONNECTORS, PROVIDE 125% MINIMUM YIELD STRENGTH OF THE REINFORCEMENT BAR, COAT CONNECTORS IN ACCORDANCE WITH THE SAME REQUIREMENTS AS
- 20. LAP SPLICES SHALL BE MINIMUM CLASS "B" LAP SPLICES IN ACCORDANCE WITH ACI 318.

#### PRESTRESSED CONCRETE PILES

- DOCK PILES SHALL BE 14" SQUARE P/S CONCRETE PILES IN ACCORDANCE WITH FDOT DESIGN STANDARD INDEX NO. 455-001 AND 455-014 AND STANDARD SPECIFICATIONS SECTIONS 456 AND 455. STRAND PATTERN SHALL BE 4-172" Ø (SPECIAL) PRESTRESSING STEEL SHALL BE SEVEN-WIRE STRAND, GRADE 270, LOW RELAXATION STRAND (LRS)
- 2. CONCRETE FOR PRESTRESSED PILES SHALL BE FDOT CLASS V (SPECIAL), SEE "CONCRETE AND REINFORCING STEEL" NOTES ON THIS SHEET FOR ADDITIONAL INFORMATION
- 3. ADJUST BOTTOM CAP REINFORCEMENT AS NECESSARY TO FIT DOWEL BARS.
- 4. DRIVE PRESTRESSED CONCRETE PILING IN ACCORDANCE WITH FDOT SPECIFICATION 455-7
- 5. PILES SHALL BE MANUFACTURED BY AN APPROVED FACILITY IN ACCORDANCE WITH FDOT SPECIFICATIONS.
- 6. SPLICING OF CONCRETE PILES WILL NOT BE PERMITTED.
- CONCRETE STRENGTH

THE PILE CYLINDER STRENGTH SHALL BE 6,000 PSI MINIMUM AT 28 DAYS AND 4,000 PSI MINIMUM AT TIME OF TRANSFER OF THE PRESTRESSING FORCE.

8. REINFORCING STEEL:

ALL REINFORCING STEEL AND DOWELS SHALL BE IN ACCORDANCE WITH ASTM 615 OR ASTM 706. GRADE 80, EXCEPT SPIRAL TIES SHALL BE MANUFACTURED FROM COLD-DRAWN STEEL WIRE MEETING THE REQUIREMENTS OF ASTM A82.

PRESTRESSING STEEL

PRESTRESSING STEEL SHALL BE SEVEN-WIRE STRAND, GRADE 270, LOW-RELAXATION STRAND

EACH WRAP OF SPIRALS SHALL BE TIED TO AT LEAST TWO CORNER STRANDS, ONE TURN REQUIRED TIMBER CONSTRUCTION FOR SPIRAL SPLICES.

- DETRIMENTAL TO THE CONCRETE PLACEMENT AND CURING OPE 11. PREDRILLING MAY BE REQUIRED TO PROVIDE THE MINIMUM PILE EMBEROWENT REQUIRED FOR LATERAL
- 12. EACH PILE PLACED IN A PREDRILLED HOLE SHALL BE DRIVEN BY IMPACT HAMMER TO CONFIRM THE PILE HAS REACHED THE REQUIRED AXIAL SERVICE LOADS.
- 13. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PILES THAT DO NOT MEET THE REQUIRED MINIMUM EMBEDMENT AND AXIAL CAPACITY
- 14. AFTER DRIVING THE PILES AND CLEANING OUT THE CORRUGATED SLEEVES, THE REINFORCING DOWELS SHALL BE INSTALLED WITH NON-SHRINK GROUT
- 15. LIFTING LOOPS SHALL BE UNDERCUT AND PATCHED PROVIDING 2 1/2" CLEAR COVER.

#### PILE DRIVING REQUIREMENTS

PILE ULTIMATE LOADS (FACTOR OF SAFETY: 2.5 FOR COMPRESSION, 3.0 FOR TENSION)

STRUCTURE	PILE TYPE	AXIAL	TENSION	LATERAL
DOCK	14" SQ P/S CONC	27-TON	9-TON	1.7-TON
MOORING PILES	12" Ø TIMBER	N/A	N/A	1.4-TON

2. ESTIMATED MINIMUM TIP ELEVATIONS

1	DOCK	PILE TYPE	MIN TIP ELEVATION (FT)
	FIXED DOCK	14" SQ P/S CONC	-31"
	MOORING PILES	12" Ø TIMBER	-42'

- ALL PILES SHALL HAVE THE MINIMUM EMBEDMENT DEPTH SPECIFIED. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY PILES THAT DO NOT REACH THE REQUIRED PILE TIP ELEVATION
- JETTING OF PILES WILL NOT BE PERMITTED. PRE-DRILLING ONLY PER FDOT SPECIFICATIONS. PRE-DRILLING PROCEDURES SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PRE-DRILLING.
- CONTRACTOR SHALL COORDINATE PILE DRIVING SCHEDULE SO AS TO NOT INTERFERE WITH OR BE DETRIMENTAL TO THE CONCRETE PLACEMENT AND CURING OPERATIONS.
- SOIL INFORMATION OBTAINED FROM GEOTECHNICAL REPORT TITLED "SUBSURFACE EXPLORATION MIAMI MONAD TERRACE" BY NV5, INC. DATED NOVEMBER 20, 2015.

- 7. OWNER SHALL RETAIN INDEPENDENT CONSULTANT TO CONDUCT PRE/POST INSPECTION OF ADJACENT STRUCTURES IN ACCORDANCE WITH FOOT SPECIFICATION 108-2 1 2. CONSULTANT SHALL MONITOR VIBRATIONS DURING PILE DRIVING
- 8. OWNER TO RETAIN SPECIALTY ENGINEER TO OBSERVE PILE DRIVING AND PREPARE REPORT CONFIRMING PILE DRIVING REQUIREMENTS.

#### **EPOXY DOWEL AND ANCHORS**

- DOWEL AND ANCHOR EMBEDMENT AND HOLE DIAMETER SHALL BE PER MANUFACTURER'S RECOMMENDATIONS TO DEVELOP 150% OF THE DOWEL OR ANCHOR BOLT TENSILE CAPACITY.
- 2. FOLLOW EPOXY MANUFACTURER'S RECOMMENDATIONS FOR THE INSTALLATION
- 3. DRILLED HOLES SHALL HAVE ROUGHENED INTERIOR SURFACE AS PER MANUFACTURER'S
- 4. CONTRACTOR SHALL LOCATE REINFORCEMENT PRIOR TO DRILLING HOLES. SO AS NOT TO DAMAGE THE REINFORCING STEEL
- 5. 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.
- 7. CONTRACTOR SHALL USE A CARBIDE TIP DRILL PERCUSSION ROCK DRILL SHALL NOT BE PERMITTED.
- 8. CONTRACTOR SHALL FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR THE MIXING AND APPLICATION
- 9. CONTRACTOR SHALL SUBMIT MANUFACTURER'S DATA SHEET AND RECOMMENDATIONS FOR APPROVAL.

#### MISCELLANEOUS METALS AND FABRICATIONS

- 1. STAINLESS STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING
  - A. STAINLESS PLATES, BARS, FABRICATIONS AND HARDWARE ASTM A276, TYPE 316L
- B. STAINLESS HEX HEAD BOLTS ASTM A193, A320, F593, TYPE 316L
- C. STAINLESS NUTS
- ASTM F594, TYPE 316L D. STAINLESS STANDARD FLAT WASHERS ASTM F844, TYPE 316L

- ALL TIMBER CONSTRUCTION SHALL CONFORM TO THE RECOMMENDATIONS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.
- 2. TIMBER RELATED MATERIALS SHALL CONFORM TO THE FOLLOWING, UNLESS OTHERWISE NOTED: A. FENDER PILES: GREENHEART TIMBER
- 3. TIMBER DIMENSIONS INDICATED ON DRAWINGS ARE NOMINAL DIMENSIONS.
- 4. CONTRACTOR SHALL PROVIDE MATERIAL CERTIFICATIONS FOR ALL PERMANENT MATERIAL INCLUDING BUT NOT LIMITED TO TIMBER, TIMBER TREATMENT, AND CONNECTING HARDWARE

#### TIMBER PILES

- ALL TIMBER CONSTRUCTION SHALL CONFORM TO THE RECOMMENDATIONS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
- TIMBER PILES SHALL BE DRIVEN TO THE TIP ELEVATION INDICATED ON THE DRAWINGS, USING A HAMMER OF AN APPROVED TYPE, WITH A CAPACITY AT LEAST EQUAL TO THE HAMMER MANUFACTURER'S RECOMMENDATION FOR THE TOTAL WEIGHT OF PILE AND THE CHARACTER OF THE SUBSURFACE MATERIAL TO BE ENCOUNTERED.
- 3. TIMBER PILES SHALL CONFORM TO ASTM D 25 AND FDOT STANDARD SPECIFICATION 953.

#### DECK GRATING

RGLASS GRATING WITH MIN. 43% OPEN AREA SHALL CONFORM TO ASTM F3059

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S-002 PERMIT SUBMITTAL



PAUL VOGEL PARK NORTH BAY VILLAGE

EAC Consulting, Inc. 5959 BLUE LAGOON DRIVE, SUITE 41

EAC PROJECT No. 19075 LD01-09

UB-CONSULTANT



(FL EB 4877)

VOGEL PARK MARINE FACILITY PHASE 2

KEY MAP:

DATE ISSUED: March 3, 2023 SIGNED BY: VB DRAWN BY: CC

2023.04.1 limothy (, Blantensh p. 2 09:38:12 -04'00'

REVIEWED BY: GWS

TIM BLANKENSHIP

11.0.23

STRUCTURAL NOTES

SHEET NO







PAUL VOGEL PARK NORTH BAY VILLAGE

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

SUB-CONSULTANT:

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

PROJECT:

VOGEL PARK MARINE FACILITY PHASE 2

KEY MAP:

Timothy K. Blankenship

PE No. 55910

2023.04.12

SCALE: 1"=10"

09:39:59 -04'00' 11.0.23

2023.02.0 Timothy K. Blanken:hip 9 12:06:58 PENo. 55910 -05'00'

11.0.23

WATERSIDE EXISTING CONDITIONS

SHEET NO. V-101

PERMIT SUBMITTAL

25.00' N 552,551,25 y E 932,247,93 x EXISTING BULKHEAD, BULKHEAD CAP, KING PILES AND BATTER PILES TO REMAIN EXISTING RIPRAP TO REMAIN 25' SETBACK 25' SETBACK DERM D-5 TRIANGLE

NOTE:

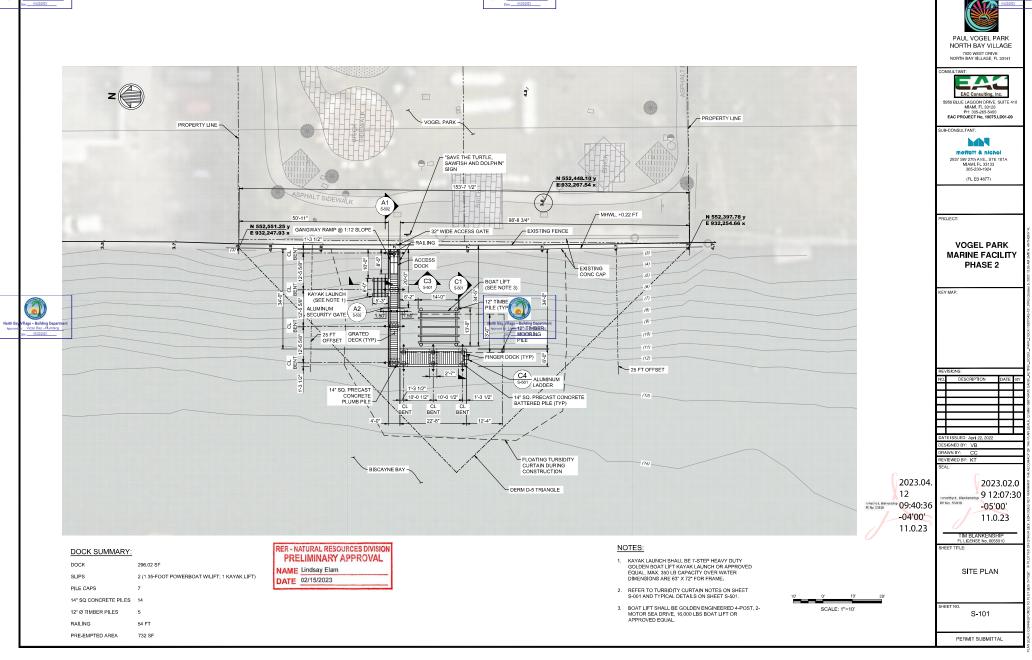
1. REFER TO SURVEY NOTES ON SHEET G-002.

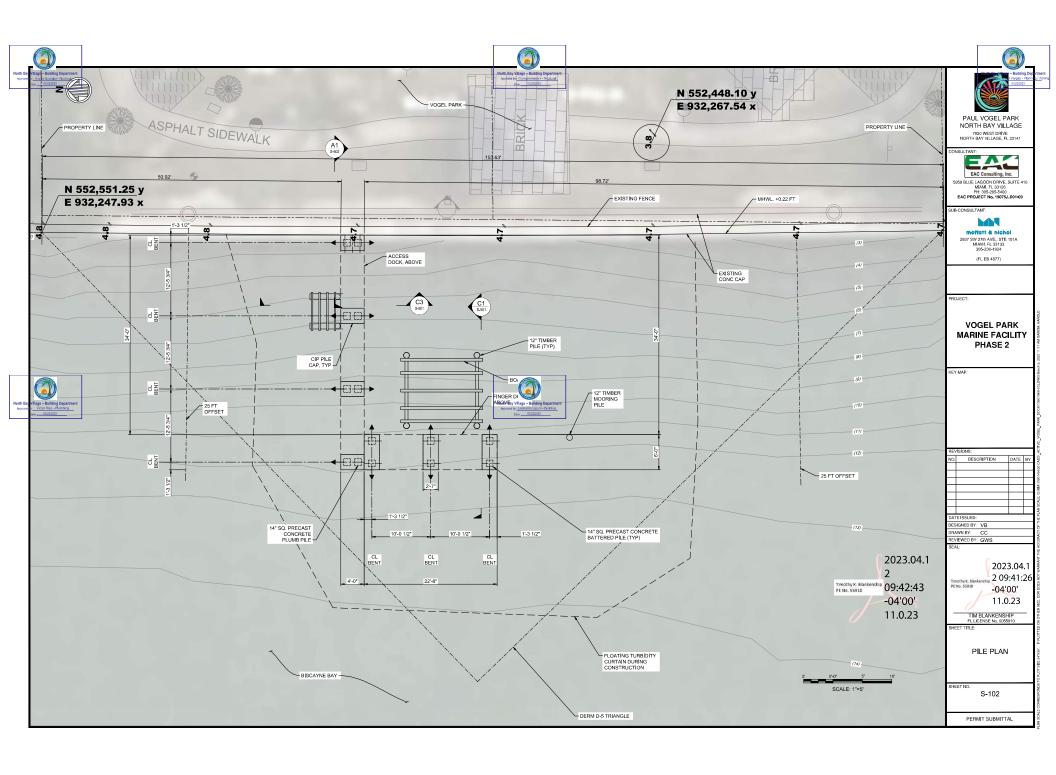
RER - NATURAL RESOURCES DIVISION PRELIMINARY APPROVAL

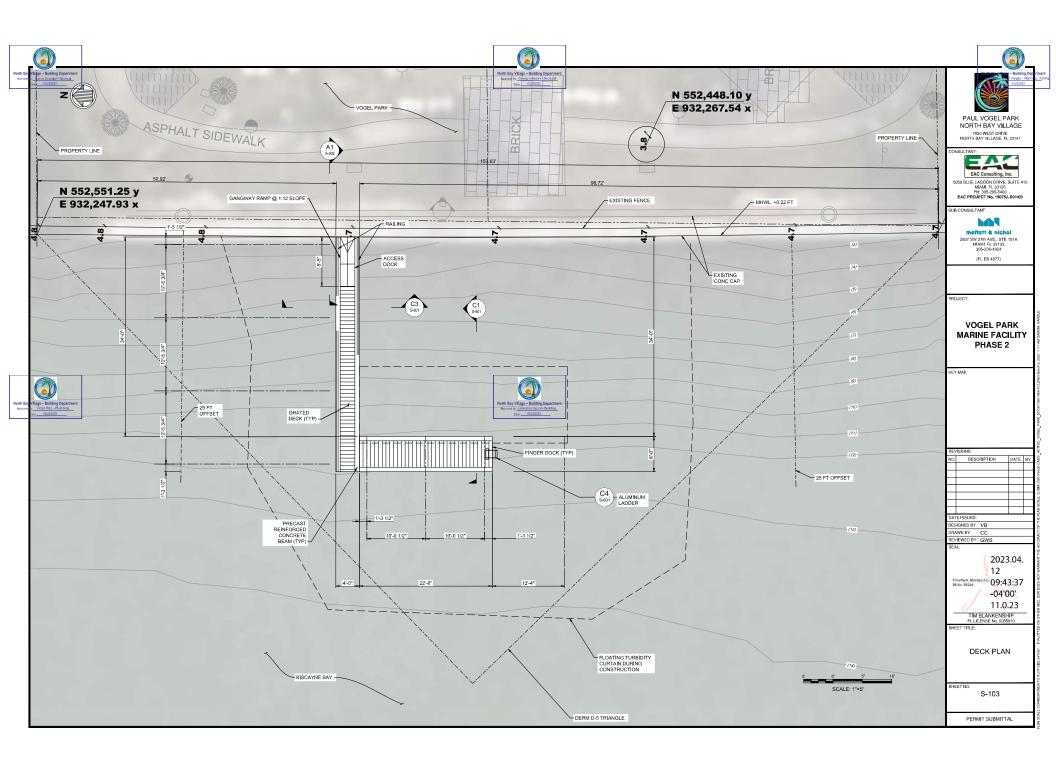
NAME Lindsay Elam DATE 02/15/2023

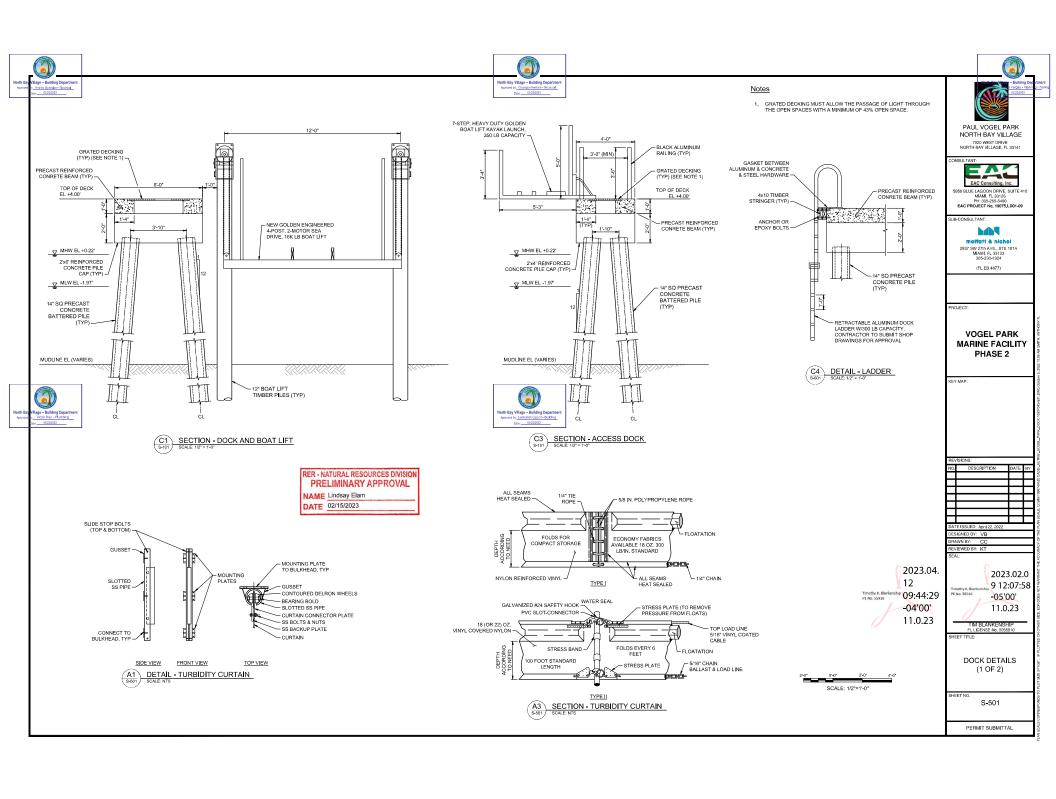


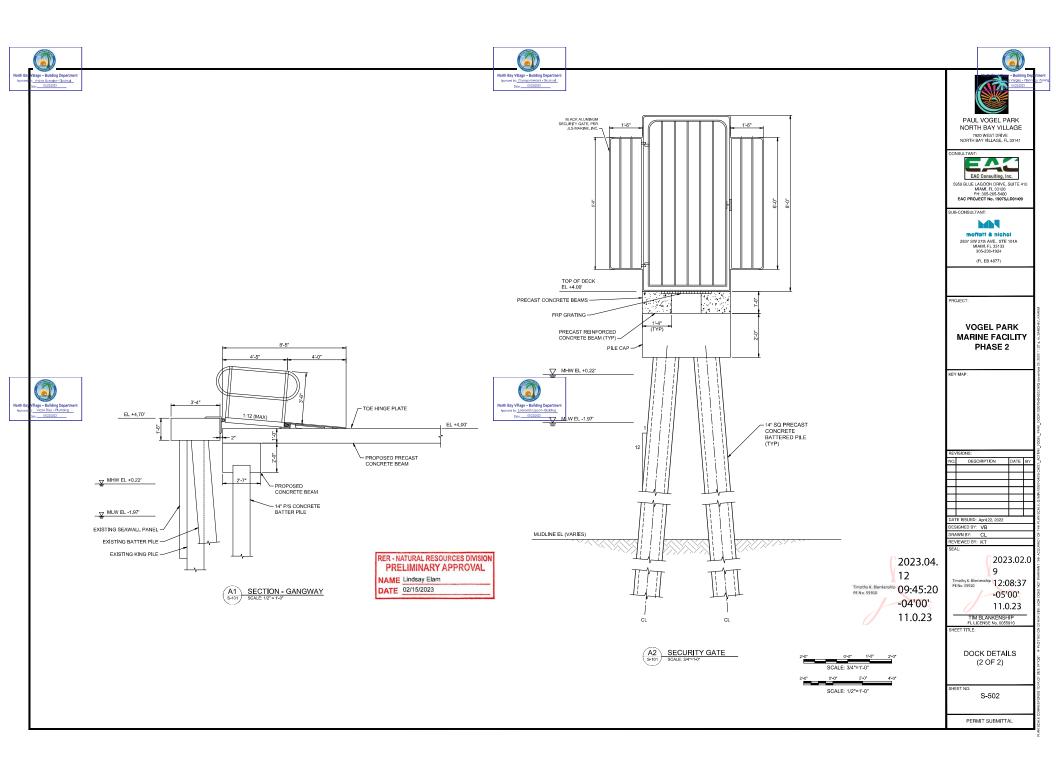


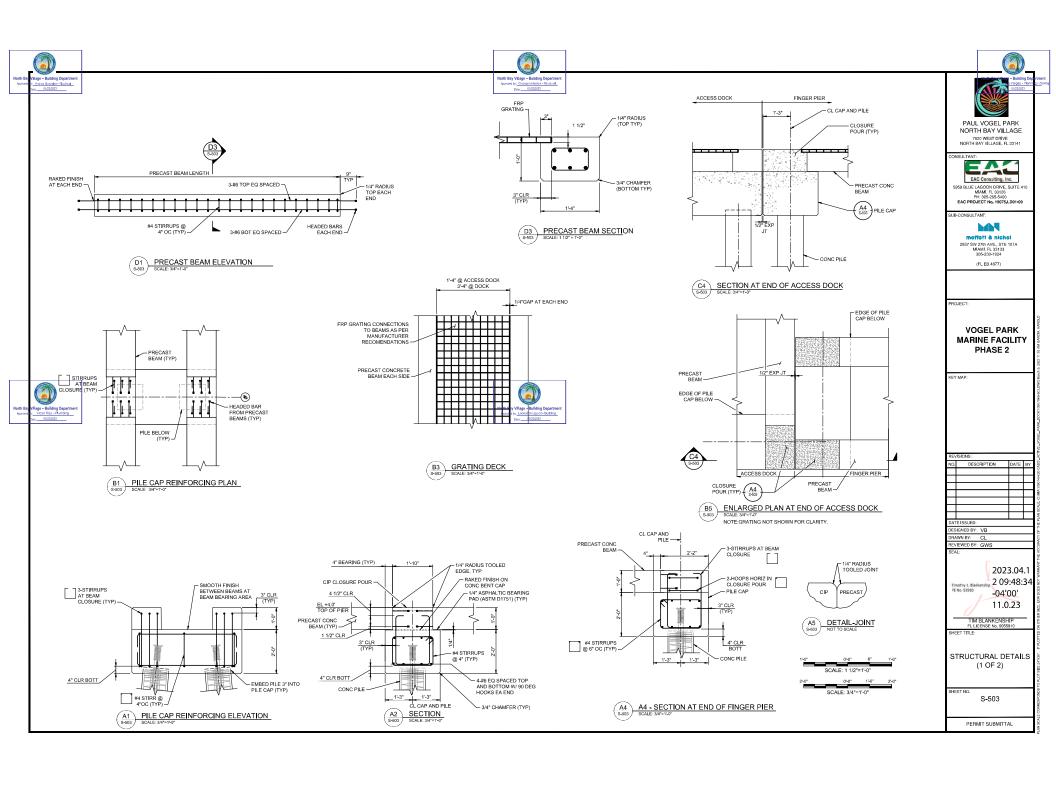


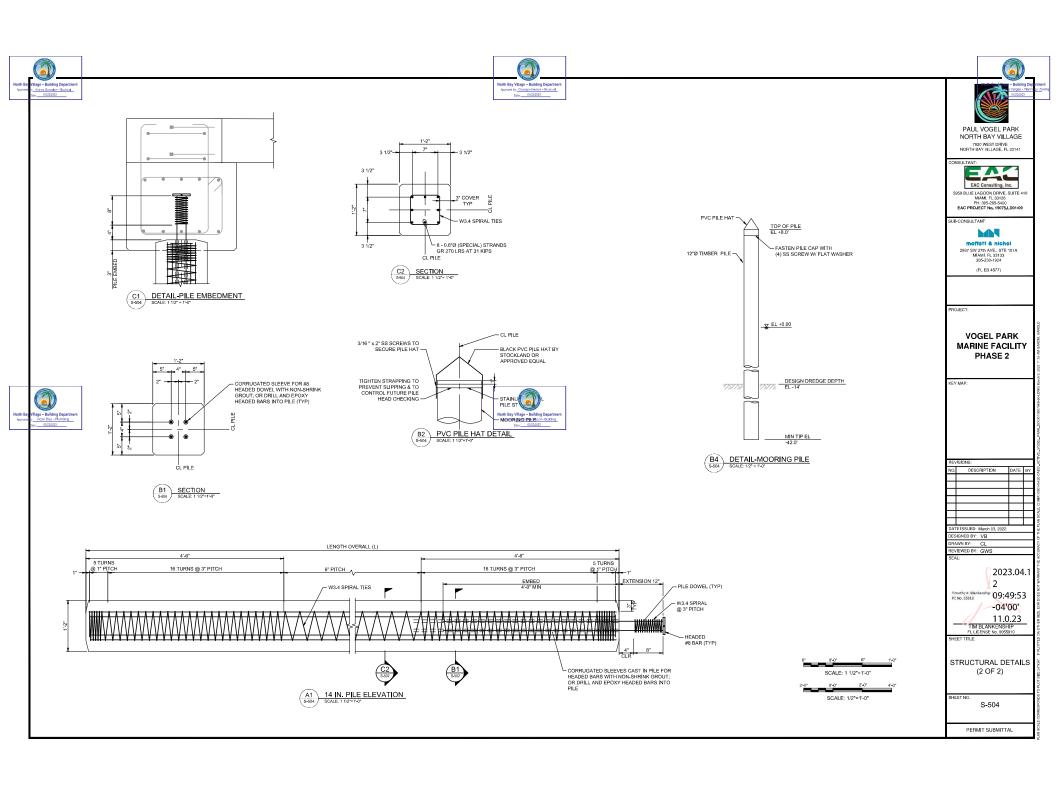
















## **PCMFS 12 PEDESTAL**



SIDE 'A'

HOSE NIPS

PEDESTAL TYPE

KEY NOTES

CABNET INSTALL DOCK BOX NEAR CUTBOARD EDGE OF PER 80 AS TO OPTIMIZE AVAILABLE SPACE FOR PEDESTRIAN TRAFFIC IN THE CENTER OF THE PER 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 MANEACTURER

③ CORE DRILL DECK FOR POTABLE WATER PIPE NSTALLATION MAKE THE OPENING A MINIMUT OF I NOH LARGER THAN OUTSIDE DIAPETER OF PIPE PROVIDE SHRINK URAP ON THE PIPE AT THE DECK PIDETRATION TO PROTECT AGAINST ABRASICAL.

(4) EXTEND PVC PRESSURE PIPE FOR POTABLE WATER SUPPLY TO DOCK CASNET AND TE NTO SINGLE POINT CONNECTION FOR PUI SUPPLY. TYPICAL PIPE SUPPORT STRUT BETWEEN CROSS MEMBERS AT 3-FOOT O.C. SECURE PIPE TO STRUCTURE WITH CLAMP OR EQUIVALENT STRAPPING METHOD.

PIERS SECTIONS

REFER TO ELECTRICAL DRAWNS FOR MANUFACTURERS AND MODEL NUMBER

PEDESTAL DETAIL

5052 <mark>Marine grade aluminum</mark> or st 090 Gauge Powder Coated Gloss Sky Write

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

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

Bectric 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.

. Linit is listed by intertely to LII 231 Standard

Suggest anchoring is 38° stainless steel red heads in concrete. Separate base from concrete with stainless steel
washers. If mounting on a wood deck, suggest 38° stainless steel thru bolls with nuts and look washers.

#### **NOMENCLATURE**

### SPECIFICATIONS - PEDESTALS PCMFS 99: 12: 16

PCMFS 99: 12 Littize Siemens corner bus on earb side rated for 125 arros 125/250 yet Utilize Siemens capper bus on each side rated for 200 amos 125/240 voltor 120/208 volt or three-phase 4-wire.

PCMFS 12: 16 Will accommodate bott on circuit breakers at 125: 208: 257: 277 or 480 volt if required



Note: All 200 amp and 400 amp receptacle and breakers are restricted to the PCMFS 16 and also waitable in 277/460 vot if required.

L - Light available with two PL7/41K fluorescent lamps when using milk white light lens and

- Loss for receptable door
- Loss for receptable door
- Loss for water faucet
- Photo cell for significant for the control of the control of

RC - Renote crout

T - Telephone outst

TV - CATV outst

TV - Cart vouse

TV - Variet Four- used with milk while lens or no tigit.

TPL - 4-Tier tour-end light with acrylo lens.

## ALL UNITS ARE LISTED AS AN ASSEMBLY TO U.L. 231 STANDARD BY Interliek Certificate #

	DIMENSIONS	
PCMPS 99 H - 40°	PCMFS 12 H - 46"	PCMFS 16 H-52"
W - 10°	W-12	W-16"
D = 14°	D - 12°	D-16°
WilDoor - 14"	W/Door - 18"	W/Door - 20°
H/Light - 50°	H/Light - 55°	HLight - 61"

### **PLUMBING NOTES AND** SPECIFICATIONS

- DRAINES ARE DIAGRAPHATIC AND NOICATE GENERAL ARRANGEMENT OF SYSTEMS AND LOKK NOLLDED, ROLLOU DRAINES IN LAYING OUT LOKK AND CHECK DRAINES OF CHER TRANSP RELATING TOWER TO YERET PAYER IN HAIFCH LOKK IILL BE INSTALLED, MANTAIN HEADROOM AND SPACE CONDITIONS AT ALL. THES.
- COORDINATE PLUMBING SYSTEMS WITH WORK OF ALL OTHER TRADES PRIOR TO ANY FARRICATION OR NOTALLATION, PROVIDE ALL PITTINGS, OFFSETS, AND TRANSITIONS AS REGUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE FBC PLIMBING 2020 EDITION AND THE 2020 ACCESSIBILITY CODE
- MORK INDER THIS SECTION NOLIDES FURNISHING ALL LABOR, EQUIPTENT, MATERIALS, SUPPLIES AND COMPONENTS AS PERFORMING ALL OPERATIONS AS NECESSARY FOR THE NOTALLATION OF THE COMPLIETE PLIMBING SYSTEM.
- NOTALL ALL DEVICES AND MATERIALS IN ACCORDANCE WITH MANUFACTUREN'S RECOMPEDIATIONS.

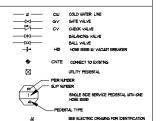
  SIGNIT INVALCUREN'S DATA AND SHOP DRAWINGS ON ALL EQUIPMENT FOR REVIEW DEFORE INSTALLATION.
- NO WATER LINES SHALL RUN INSIDE CONCRETE SLABS.
- ALL DIMENSIONS AND ACTUAL CONSTRUCTION CONDITIONS MUST BE VERRIED AT THE JOB STIE.

- ABO/E GROUND PIPMS SERVING THE MARNA DOOK SHALL BE OF HOPE MATERIAL, PVC SCIEDULE \*40 OR EGIOVALENT HAVING A HINMUM MATERIAL DESIGNATION CODE OF PETIO OR PESIGOB, THE MATERIAL SHALL MEET ASTM D3380 AND NFS-61 REQUIREMENTS.
- PROVIDE DIELECTRIC ISOLATION BETWEEN CONTACT OF DISSMILAR METALS.
- 3. C.P. ESCUTCHEON PLATES REQUIRED ON ALL WALL PENETRATIONS.

#### C. PIPE HANGERS AND SUPPORTS:

- PROVIDE ADJUSTABLE HANGERS, INSERTS AND SUPPLEMENTARY STEEL AS REQUIRED FOR PROPER SUPPORT OF PIPE LINES.
- - ALL MATER PIPMS SHALL BE TESTED AT 100 PSKs, STERILIZED AND FLUSHED BEFORE CONNECTION TO BUILDING SOURCE.

#### PLUMBING LEGEND



NORTH BAY VILLAGE



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

SUB-CONSULTANT roject No.- 21087

B A S S L L T C | 1. Basalo, PE | 14160 Palmetto Fromp.c | 0869 - FL CA06722 | Saito 22, Mismi Lakos, FL 7 | broalto.com | 305.698.3988, fax: 305.698



PROJECT:

**VOGEL PARK** MARINE FACILITY PHASE II

KEY MAP:

DESCRIPTION DATE ISSUED: May 2, 2022 DESIGNED BY: C.Y

DRAWN BY: D.T REVIEWED BY: C.Y Rene I Basult

O

ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST B. VERIFIED ON ANY ELECTRONIC COPIE



GENERAL NOTES. SYMBOLS LEGEND **DETAILS** 

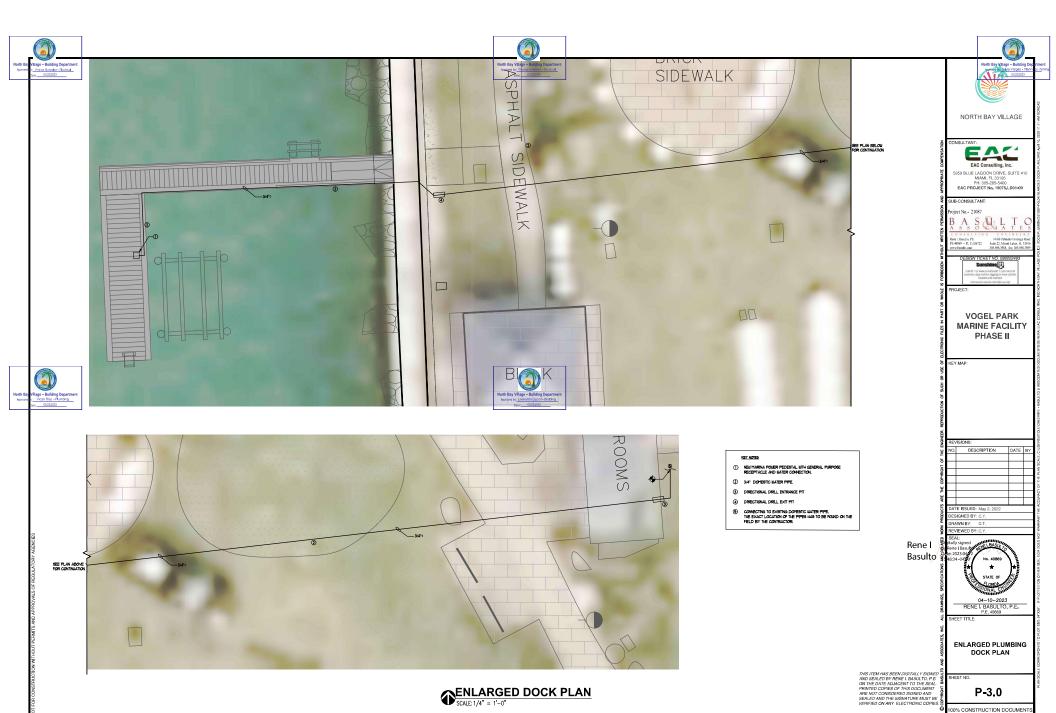
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RENE I. BASULTO, P.E. ON THE DATE ADJACENT TO THE SEAL.

P-1.0

100% CONSTRUCTION DOCUMENT









r Diaz - Plumbing



Ilage – Building Departme Giuseppe Nedioni - Structural

	ELECTRICAL	1 505	TAID.
<i>(</i> a)	LIGHTING ENTIRE TYPE DESIGNATION - SEE SCHEDULE		THERMOSTAT OUTLET, +66" - VERIFY HEIGHT AND LOCATION
₩.	2x4 LED LIGHT FIXTURE - RECESSED	⊕ M	INSTRUCTIONAL TELEVISION SYSTEM OUTLET (ITV)
		M €	INSTRUCTIONAL TELEVISION SYSTEM (ITV) BROWDCAST OUTLET.
	2x4 LED LIGHT FIXTURE - RECESSED - EMERGENCY	-	
	1x4 LED LIGHT FIXTURE — SURFACE/PENDANT/RECESSED 1x4 LED LIGHT FIXTURE — SURFACE/PENDANT/RECESSED EMERGENCY LIGHT	⊕,	MICROPHONE SUSPENDED FROM CEILING.  MICROPHONE OUTLET, WALL MOUNTED +18" A.F.F. OR AS NOTED.
		•	NOTED.
	2x2 LED LIGHT FIXTURE - RECESSED	9,	SOUND SYSTEM SPEAKER, FLUSH IN CEILING, SUB-LETTER DENOTES CHANNEL
	2x2 LED LIGHT FIXTURE - RECESSED EMERGENCY	+⊗.	SOUND SYSTEM MONITOR SPEAKER, WALL MOUNTED.
	LED LIGHT FIXTURE - STRIP	0	VOLUME CONTROL
-	LED LIGHT FIXTURE - EMERGENCY - STRIP	®⊣	CLOCK SYSTEM PROGRAM BELL
0	LED LIGHT FIXTURE - DOWNLIGHT RECESSED	66	OCCUPANCY SENSOR CEILING MOUNTED
•	LED LIGHT FIXTURE - DOWNLIGHT RECESSED EMERGENCY	₩.	INTERCOM CALL BACK SWITCH
٥٠	LIGHT FIXTURE - SURFACE/WALL	₩.	INTERCOM CALL BACK PRIVACY SWITCH
<b>Q</b> +	LIGHT FIXTURE - SURFACE/WALL EMERGENCY	8	FAN AS NOTED. PROVIDE MOTOR RATED SWITCH AT EACH CONNECTION
+10 HB	H.I.D. FIXTURE - ON WALL OR POLE	P	PULL STATION
9.9	EXIT SKIN FIXTURE — CEILING/WALL — DIRECTION ARROW AS INDICATED	0.	EXPLOSION PROOF HEAT DETECTOR
Q_P	INDICATED  EMERGENCY LIGHT FIXTURE — SURFACE— BATTERY BACK UP	0.	ANALOG THERMAL SENSOR (HEAT DETECTOR)
			PHOTOELECTRIC SMOKE SENSOR/ WITH PROTECTIVE COVER
\$	TOGGLE SWITCH - 1PST, 20A, 120/277V	0,	,
\$ <sup>2</sup>	TOOGLE SWITCH - 2PST, 20A, 120/277V		PHOTOELECTRIC SMOKE SENSOR
<b>‡</b> 3	TOGGLE SWITCH - 3WAY, 20A, 120/277V	₹0.2	DUCT HOUSING/WITH PHOTOELECTRIC SMOKE SENSOR
\$*	TOGGLE SWITCH - KEY OPERATED - 20A, 120/277V	THOP	FIRE ALARM CONTROL PANEL
\$ <b>"</b>	MANUAL MOTOR RATED SWITCH - WITH THERMAL O.L.	TAP	FIRE ALARM ANNUNCIATOR PANEL (KEYBOARD DISPLAY UNIT ANNUNCIATOR)
\$°	DIMMER SWITCH - RATING AS NOTED.	TAPS	FIRE ALARM POWER SUPPLY
\$ce	LIGHT SWITCH W/OCCUPANCY SENSOR SWITCH (MOTION DETECTOR).	FATC	FIRE ALARM TERMINAL CABINET
⊷	CONDUIT SLEEVE (SIZE AS NOTED)	FASN	FIRE ALARM SYNC MODULE
<b>-</b>	RECEPTACLE - SINGLE - 20A, 125V, 3-WIRE (5-20R)	3	CEILING SPEAKER
-	RECEPTACLE - DUPLEX - 20A, 125V, 3-MIRE (5-20R)	₩P	WEATHER PROOF HORN/STROBE WALL MID OTHERWISE NOTED
·	RECEPTACLE - DUPLEX - 20A, 125V, 3-WIRE (5-20R) MOUNTED ABOVE STD. HEIGHT OR ABOVE COUNTER.	ă	HORN/STROBE WALL MTD OTHERWISE NOTED
æ,	MOUNTED ABOVE STD. HEIGHT OR ABOVE COUNTER.  SURGE SUPPRESSOR COMPUTER RECEPTACLE — HUBBELL, No. 5350—S RECEPTACLE — DUPLEX — 20A, 125V, 3—MIRE (5–20R)	E E	SPEAKER STROBE WALL MTD OTHERWISE NOTED
⊕ <sub>GFI</sub>	5350-S RECEPTACLE - DUPLEX - 20A, 125V, 3-WIRE (5-20R)  RECEPTACLE - GFCI DUPLEX - 20A, 125V, 3-WIRE (5-20R)	D.	STROBE LIGHT WALL OR CELING MTD
⊕ GFI	QUAD RECEPTACLE - 20A, 125V, 3-WIRE (5-20R)	)SI	SPEAKER STROBE CEILING MTD
	QUAD RECEPTACLE - 20A, 125V, 3-WIRE (5-20R) WTD ABOVE STANDARD HEIGHT OR ABOVE COUNTER	by b	TAMPER SWITCH
æ c		-	FLOW SWITCH
-0	RECEPTACLE - SINGLE - 30A, 250V, 3-WIRE (6-20R)	Ŷ	ELECTROMAGNETIC DOOR-HOLDER
ю	SPECIAL PURPOSE OUTLET AS NOTED - OR REQUIRED	9	
OD ##	FLOOR RECEPTACLE - DUPLEX/QUAD (OTHERWISE NOTED)	M	REMOTE TEST STATION.
<b>T</b>	FLOOR TEL/DATA OUTLET (OTHERWISE NOTED)	DM	OUTPUT MODULE/ CONTROL MODULE
☑	FLOOR TEL. OUTLET (OTHERWISE NOTED)	W	MONITOR MODULE
@	JUNCTION BOX — AS REQUIRED OR NOTED	<b>4</b>	ACCESS CONTROL DOOR CONTACT
(SPE)	SURGE PROTECTION DEVICE, SEE PROJECT MANUAL.	Ω	EMERGENCY SHUT-OFF BUTTON (OTHERWISE NOTED)
ECH	ENCLOSED CIRCUIT BREAKER, SIZE AS NOTED.	0	FLOOR AUDIO/VIDEO OUTLET (OTHERWISE NOTED)
EVS	HWAC CONTROL PANEL FUR. BY DIV. 15	/W	ANALOG INTERFACE MODULE (A.I.M.)
DEED .	VARIABLE FREQUENCY DRIVE FURN. BY DIV. 15	[0]	CONTROL DOOR
TΧ	TRANSFORMER - DRY TYPE - SUSPENDED	66	DOOR SWITCH MONITOR
TΧ	TRANSFORMER - DRY TYPE - FLOOR MOUNTED	•	PANC BUTTON
	ELECTRIC PANEL - 120/208V, 3-PHASE, 4-WIRE, SN, GROUND BUS	(A)	MOTION DETECTOR
	GROUND BUS 120/2004, 3-PHASE, 4-WIRE, SN.		
	GROUND BUS	Ø	CARD READER
_	SPECIAL SYSTEMS CABINET AS NOTED	⊕ <sub>sc</sub>	SECURITY CAMERA
·□3뿝	SAFETY SWITCH - (3)-POLES, (30)-FRAME, (15)-FUSE	ABBREV A.F.F. ABI	MATIONS DUE FINISHED FLOOR MD MOTORIZED DAMPER DID/AIDEO MLO MAIN LIUGS ONLY MARO MH METAL HALIDE
내용기를	SAFETY SWITCH NEMA 3R - (3)-POLES, (30)-FRAME, (15)-FUSE	BD. BC C. CC	
481	COMBINATION MOTOR STARTER WITH FUSED DISCONNECT	C.B. CIF	EINET MOTE LOT MOTEURE METERAL
- H	LIGHTING CONTACTOR	CKI. CI	ROUTE BREAKER N.E.C. NATIONAL ELECTRICAL CODE ROUTE N.L.C. NOT IN CONTRACT RO REAGER P.A. PUBLIC ADDRESS ISTING PINL PANEL
		(E) EX	ISTING PNL, PANEL PTY CONDUIT RECEPT RECEPTACE
	TELE/DATA OUTLET AT 18" A.F.F. (OR AS NOTED). RUN 1" EC. TO CEILING EXTRA DEEP JUNCTION BOX. SPACE. PROVIDE PULL STRING AND PLASTIC BUSHINGS AT BOTH ENDS. SEE FLOOR PLAN FOR ACOITIONAL INFORMATION.	EC. EM EWC EU EWL EM F.A. FIF FSD FIF	RO PAZURE P.A. PUBLIC ADDRESS PINT CONDUIT PINL. PINT CONDUIT PINL. PINT CONDUIT PINL. PINT CONTURE RECEPTIACE SWITCH SWITCH U.G. UNDER GROUND ERSENDED MAPPER U.G.N. UNDERS ORDERWISE NOTED UNDERSON UND
•	Telephone Outlet at 48" a.f.f. (or as noted). Extra deep Junction Box fed by (1)—3/4" stude-up conduit denois in a 90" with Plastic Bushine pointing in the Deepction of Cable Tray or IDF. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.	HID HIS	OH INTENSITY DISCHARGE (NEW 3R ENCLOSURE) OH PRESSURE SODIUM X.P. EXPLOSION PROOF (CLASS TO
٥	DATA OUTLET AT 18" A.F.F. (OR AS NOTED), ENTRA DEEP JUNCTION BOX FED BY (1)—1" STUB-UP CONDUIT DONNE IN A 90" WITH PLASTIC BUSHING PONTING IN THE DIRECTION OF CALLET TRAY OR IDF. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.	LTG. UE LV LO MCB M	MET N.E.C.) WET N.E.C.) WE N. CRCUIT BREAKER (R) RELOCATED (OTHERWISE NOTED)

	G	E١	1EF	RAL ELECTRICAL
GENERAL CONDITIONS OF THE CONTRA	CT', BY MIAM DADE COUNTY SHALL	/	_	Sheet E-1.0: Table was not provide on this (FBC-2020 art. 107.2)

- ALL ELECTRICAL WORK PERFORMED INDER THIS CONTRACT SHALL COMPLY WITH LOCAL CODES AND PROMINCES FOLLDING THE FLORED BUILDING CODE FEELD, THE RELES AND REGLALITION OF THE LOCAL LITTLE COMPANES, ALL SHADWARD OF CONTRACTION SHALL BRED BY THE LINGUIGNO, AND THE NATURAL ELECTRICAL CODE FIGURE THE OFFICIAL CODES TABLE FOR THE OFFICIAL CODES TABLE FOR THE OFFICIAL CODES THE CASE THE CASE
- PRIOR TO BID OR COYTENETHNI OF WORK, THE CONTRACTOR SHALL VISIT THE JOS SITE AND EVALUATE ALL EXISTING FIELD CONDITIONS. THE CONTRACTOR SHALL NOTE? THE ARCHITECT OR ENGINEER OF ANY DISCREPANCES. THE CONTRACTOR SHALL CALLET' THE BID ACCORDINGLY.
- CONCRETE PENETRATIONS ARE NOT ALLOWED FOR ANY REASON WITHOUT THE PRIOR CONSENT OF THE DESIGN CONSULTANTS AND BUILDING OWNER.
- ALL SLAB AND FIRE WALL PENETRATIONS SHALL BE FIRE RATED, AND SHALL CONFORM TO LANDLORD'S APPROVAL AS TO LOCATION AND CONSTRUCTION DETAILS.
- CONTRACTOR SHALL VERIFY THE CELING FINISHES AND SUSPENSION SYSTEMS FOR SELECTION OF THE PROPER TRIM AND SUPPORT ARRANGEMENTS FOR LIGHTING FIXTURES.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE ARCHITECT BEFORE ROUGH INSTALLATION OF LIGHTS, RECEPTACLES AND SUTICHES FOR EXACT LOCATION. HORIZONTAL CONDUT ROUTING SHALL BE PERFITTED ONLY FOR NITER-CONNECTION OF MILTINE RECEPTACLES WITHIN THAT WILL HORIZONTAL CONDUTS SHALL NOT BE PERFITTED TO CONNECT A SHALL RECEPTACLE ON A WALLTO A RECEPTACLE ON AN ADDIONNO WILL
- CROUTING, EXISTING RISER DIAGRAM, AND/OR PAREL SO/EDULES AS PRESENTED ON DRAWINGS ARE BAKED ON THE 48-BULT INCORPATION AVAILABLE AND/OR ON-SITE \*\* (SERGIATION OF PAREL BOARD DIRECTORIES FERFORED BY THE BINAISER. THE CONTRACTOR SHALL FIELD VERBYT BORTON OF THE STANDARD FROM TO BUT AND CONTRACTOR HAVE FIELD VERBYT BORTON FROM TO BUT OF CONTRACTOR SHALL FIELD VERBYT BORTON FROM THE CONTRACTOR SHALL FIELD VERBYT BORTON FROM THE CONTRACTOR HAVE CONTRACTOR FROM THE DIRECTOR FROM THE DIRECTOR HAVE DIRECTOR FROM THE CONTRACTOR AND DISCONDECT AND EXEMPTION.
- ALL ELECTRICAL EQUIPMENT MUST BEAR UL LABEL AND BE COMMERCIAL GRADE UNLESS OTHERWISE NOTED.
- ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE APPROVED AS SAFE FOR USE IN THE US LICKTPLACE FOR THE INTENDED APPLICATION, AS DETERMINED BY AN ORGANIZATION CURRENTLY EXCOUNTED BY TO SHALL HAVE AS A NOT. (NATIONALLY RECOGNIZED TEST LABORATORY). (S.G. V. G.A. ETC.)
- THE CONTRACTOR SHALL SATISFACTORILY REPAIRMEPLACE ANY EQUIPMENT OR PLATE OF STRUCTURE DAMAGED AS A RESULT OF BLOCK PERFORMED. SURFACES AND PINSHED AREAS SHALL BE RESTORED TO MATICA ADJACENT AREAS.
- B. WHERE ALLOUED BY LANDLORD, METAL-CLAD (MC) CABLE CAN I PERHITTED PER NEC ARTICLE 330/00/A). HOLEVER HOYERJAS M. CONDIT. MC CABLE CANNOT BE USED WHERE PROHIBITED BY NEC 330/21,

- IL PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
- FOR LINE VOLTAGE WIRNG, ALLOW NO MORE THAN THE EQUIVALENT OF FOUR QUARTER BENDS (360) DEGREES TOTAL) BETWEEN ALL PULL POINTS, EG., CONDUIT BODIES AND BOXES AS PER NEC 34426.
- PROVIDE EXPANSION JOINTS WHERE REQUIRED AS PER NEC 3000, Y/B).
- ALL DEDICATED CUTLETS SERVING EQUIPTENT SUCH AS MASHER AND DRYERS, REFRIGERATORS, MATER COCLERS, COPIERS, FAXES, ETC. SHALL HAVE SEPARATE NEUTRAL CONDUCTORS TO EACH DEVICE OR APPLIANCE.
- MANTAN FIRE RATING IN ALL PENETRATIONS THRU DETISING AND FIRE RATED WALLS. THIS INCLUDES MANTANING A MINIMUM 24" SEPARATION BETWEEN ELECTRICAL DEVICES MOUNTED ON OPPOSITE SIDES OF ALL FIRE RATED PARTITIONS AND WALLS.
- PROVIDE ACCESS PANELS AS REQUIRED TO SERVICE ANY ELECTRICAL EQUIPMENT ABOVE HARD CELLINGS. COORDINATE WITH ARCHITECT BERN ROUGH INSTALLATION.
- 29. EACH MULTIURE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SMULTANEOUSLY DISCONNECT ALL WASRANDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORSIGNATES AS PER NEC 128/483.
- 21. TELECOMMUNICATIONS CABLES TO BE RUN BY OTHERS
- 22. ELECTRICIANS SHALL NOT INSTALL MORE THAN SIX (6) RECEPTACLES PER CIRCUIT.
- CONTRACTOR WILL BE HELD RESPONSIBLE FOR INTERRUPTION OF ELECTRICAL SERVICE TO OTHER TENANTS IN THE BUILDING.
- CONTRACTOR SHALL NOT RIN PIPES, WRES, CONDUITS OR OTHER MATERIAL OUTSIDE THE TENANT AREA UNLESS OTHERWISE NOTED.
- ALL ELECTRICAL CIRCUITS SHALL BE IDENTIFIED AND LABELED IN THE ELECTRICAL PAVEL.
- 26. CIRCUIT INTERERS SHOWN ARE FOR IDENTIFICATION PURPOSES ONLY AND PRISH NOT CORRESPOND TO THE CIRCUIT DIRECTORY OF THE DESTING PARELS. CONTRACTOR SHALL MOTIF TO CONSULTANT OF AN IDEOCREPACTION PRICE TO CONTRACTOR SHALL INTERFECT IS COPPLETE. IN CONTRACTOR SHALL BETT CONTRACTOR SHALL INTERFECT. AND PROPOSE NEW TYPE WITHOUT SHALL DIRECTORY.
- THE CONTRACTOR SHALL VERIFY ALL EQUIPMENT AND MOTOR LOADS BEFORE INSTALLING UIRNAG.
- FOR MECHANICAL EQUIPMENT, SEE MECHANICAL DRAWINGS AND PROVIDE FUSES AS PER EQUIPMENT MANUFACTURER RECOMMENDATIONS.

s sheet TOR N ALL RACHILLYS

NOTES

- 30. THE CONTRACTOR SHALL RURNISH AND INSTALL ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION.
- THE CONTRACTOR SHALL TAKE PERMITS, PROCURE CERTIFICATES AND PAY ALL FEES CONNECTED THEREUITH.
- THE CONTRACTOR IS REFERRED TO THE ARCHITECTURAL, STRUCTURAL, ACCUSTICAL, LANDSCAPE, MECHANICAL, PLUMBNIS AND PIRE PROTECTION PLANS SUCH PLANS ARE TO BE CONSIDERED PART OF THE ELECTRICAL CONTRACT DOCUMENTS.
- DRAWINGS ARE DIAGRAPMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS AND ARRANGEMENTS ONLY.
- 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 LIRITING TO THE
- THE CONTRACTOR SHALL TOUCH UP OR REFINISH THE FACTORY FINISH OF EQUIPMENT MARRED DURING SHIPMENT OR INSTALLATION.
- 31. THE CONTRACTOR SHALL BE A LICENSED MASTER ELECTRICIAN.
- 38. THE ENTIRE INSTALLATION SHALL BE PERFORMED IN A FIRST-CLASS
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE TEMPORARY POWER AND LIGHTING AS REQUIRED FOR ALL TRADES.
- 40. ELECTRICAL WORK SHALL NOT N'IERFERE WITH CLEARANCES RÉQUIRED FOR GENERAL, AND MECHANICAL CONSTRUCTION, SHOULD ELECTRICAL, WORK SE NITIALED WICH INTERPEED WITH THE WORK OF THE OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT ELECTRICAL, CONTRACTOR'S EMPENSE.
- 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 WRING FOR ALL EQUIPMENT.
- 43.1 ALL LIRING NOT IN CONDUIT, INCLUDING BUT NOT LIMITED TO LOW VOLTAGE, CONTROLS, ETC. SHALL BE PLENUM RATED AS PER NPPA 90/A 2-3.10.
- 44. ELECTRICAL POWER AND CONTROL WRING FOR WALC AND MECHANICAL EQUIPMENT GHALL BE RUNNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR SEE MECHANICAL DRAWNISH FOR WIRNIS DIAGRAMS AND REQUIPMENTS. ALL LIORK SHALL BE GLARANTEED PREE PROM DEFECTS FOR A PERIOD OF AT LEAST ONE YEAR PROM DATE OF FINAL ACCEPTANCE.
- WRN G DEVICES SHALL BE SPECIFICATION GRADE, COLOR SELECTED BY THE ARCHTECT, MINIMUM SIZE OF CUILLET BOXES SHALL BE 4" TRADE.

- 49. ALL LINE VOLTAGE CONDUCTORS, AND LOW VOLTAGE CONDUCTORS FOR ESCURITY AND ACCESS CONTROL, SHALL BE RIN IN CONDUIT, FLISHIT-RATED LOW VOLTAGE CONDUCTORS FOR COMPANIZIONS HAY BE RIN I FREE AR ABOVE ACCESSIBLE CELLING, PROPERLY SUPPORTEDS OTHERWISE IN CONDUIT
  - 56. WE RIGD GALVANZED STEEL CONDUT WHERE EXPOSED IN ANY LOCATION SUBJECT TO RECURNICAL DAMAGE. BYT MAY BE USED ELEGILARIES AN REQUIRED THE NEC. ALL PITALLIC CONDUTION SHALL BE STEEN AND ALL THE STEEL STEEL STEEL OF SHALL BE FRENTIED, WERELAYS SHALL BE GALVANUED OR FACTORY PAINTED, AND SHALL BE ILL APPROVED.
  - 51. FLEXIBLE CONDUIT SHALL BE USED FOR CONNECTIONS TO VIBRATING EQUIPMENT AND RECESSED LIGHT FIXTURES WHERE PERMITTED BY CODE, "SEALTHE" WHERE USED OUTDOORS.
  - 52. FUSES SHALL BE DUAL-ELEMENT, TIME DELAY, OR EQUAL.
  - PROVIDE LABELS FOR ALL NEW ELECTRICAL PANELS, CONTROLLERS, DISCONLECT SUFFCIES, AND TIME SUFFCIES.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERFICATION OF CELLING CONSTRUCTION BEFORE ORDERING OR INSTALLING LIGHT FIXTURES.
  - FLIGRESCENT LIPTINAIRES THAT UITLIZE DOUBLE-BOED LAMPS AND CONTAIN BALLASTIS) THAT CAN BE SERVICED IN FLACE OR BALLASTED LIPTINAIRES THAT ARE SHELD FROM BLUTTINES BROANCI FOLUTION AND CONTAIN BALLASTIS) THAT CAN BE SERVICED IN FLACE SHALL HAVE A DISCONDECTION FLAGS IN ACCORDANCE UITH NECK 60 DISCONDECTION FLAGS IN ACCORDANCE UITH NECK 61 DISCONDECTION FLAGS IN ACCORDANCE UITH DISCONDECTION FLAGS IN ACCORDANCE UITH NECK 61 DISCONDECTION FLAGS IN
  - THE CONTRACTOR SHALL VERIFY THAT BRANCH CIRCUITS ARE BALANCED BETWEEN THE PHASES OF THE SYSTEM, AND ADJUST IF NECESSARY AS DIRECTED BY THE CONSULTANT.

  - 61. PROVIDE RACEURY SYSTEMS AND PULL WRES FOR TELECOMMUNICATIONS SYSTEM AS NOICATED ON PLANS.
  - THE ELECTRICAL INSTALLATION SHALL MEET THE APPROVAL OF THE OWNER'S REPRESENTATIVES BEFORE ACCEPTANCE.
  - 69. GUTTERÓ, MIREMAYÓ, PULL BOXEÓ, ETC., SHALL BE ÓIZED PER THE NATIONAL ELECTRICAL CODE.
  - . WHERE TELEPHONE, DATA, AND ELECTRICAL OUTLETS APPEAR BACK TO BACK, OUTLET BOXES ARE TO BE STAGGERED TO REDUCE NOISE TRANSMISSION.
  - DATA AND TELEPHONE FLOOR OUTLETS MUST HAVE CONDUIT WHEN LOCATED IN PLENUM BELOW CONTRACTOR TO VERRY THAT POKE-THRU AND CONDUIT WILL ACCOMMODATE EACH OR ALL SITUATION'S) PRIOR TO INSTALLATION.
  - 62. IF CORE DRILLING OR SLAB CUITING IS PERFORMED, IT MUST BE CONDUCTED WITH NO FAILT GROUND STOP SYSTEM OR X-RAY.
  - 63. WHERE AN EXISTING SCOPE OF WORK AREA UTILIZES EMERGENCY BRANCH

EXISTING CIRCUITING AN EMBERORIED ON DRAWINGS ARE BASED ON THE
'AS-BULL' INCREMATION AVAILABLE AND 'ON-STILL' REPRESENTION OF
PANEL BOARDS DIRECTORY AS PERFORMED BY THE BRANKER, THE
CONTRACTOR MICH COMPRET THE MICH, DEPT CHE DIRECTION AND
LOCATION BEFORE PROCEEDING TO DECONTISSION, DISCONDECT THE
EQUIPMENT.

66 DRAINGS

- 69. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGH REVIEW OF ALL PLANS AFFECTING THE PROJECT AND SHALL CODENSATE WITH OFFER ATTEMPT AND CLEMENTED SHALL BE AFFECTING ANY CONFIDENCE OF DEVIATIONS SHALL BE CALLED TO THE ATTEMPT ANY CONFIDENCE AND PACHIECT HERDIALLY DESCRIPTIONS OF THE BRANESS AND PACHIECT HERDIALLY DESCRIPTIONS OF THE PROJECT OF THE PROJ
- 652. SPECIAL ATTENTION SHALL BE GIVEN BUT NOT BE LIMITED TO THE FOLLOWING SYSTEMS:
- CONDUIT, RACEUMY, TELEPHONE, WRONG. AR CONDITIONING DUCTUCING, PIPPING, CONDENSATE AND WASTE, WASTE AND VENT LINES, HOT AND COLD WATER LINES AND RAIN WATER LEADER.

- 66.1 IT IS THE INTENT OF THE DRAWINGS TO OBTAIN A COTPLETE AND SATISFACTIONY SHOULD AN ATTEMPT HAS BEEN HAZE TO SEPTIANATE SETS AND ADMINISTRATION OF THE SECOND SHOULD AN ATTEMPT HAS BEEN HAZE TO SECOND SHOULD AND ADMINISTRATION SHOULD HAVE BEEN THE CORNICOTOR FROM FLU. RESPONSIBILITY OF COTPLIANCE SHIT HE SLOKK OF THEIR TRADE SHICH HAY BE SHOULD SHED ON ANY OF THE DRAWINGS.
- 662. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE ARCHITECTURAL, STRUCTURAL, AND TECHNANCAL DRAWINGS. IN ADDITION TO THE ELECTRICAL AND OTHER RELATED TRADES, THIS COORDINATION SHALL BY DOME PRIOR TO SUBHITTING THE BID.
- 663. THE ARCHITECTURAL AND STRUCTURAL PIRALINGS SHALL TAKE PRECEDENCE OVER THE ELECTRICAL PRAINTS SHIT RETERENCE TO BULDING CONSTRUCTION AND PURPOSION, THE ELECTRICAL PRAINTS AS CONSTRUCTION AND THE SIGNEY OF CONSTRUCTION OF THE SILLIPPIN AND THE SIGNEY OF OTHER THROUGH SHILLIPPIN AND THE SIGNEY OF THE THROUGH SHILLIPPIN AND THROUGH SHILLIPPIN AN
- THE DRAINAGE AND RISERS NOICATE IN DIAGRAPHATIC FORM THE ARRANGEMENTS DESIRED FOR THE SOUTHERT FORTIESS, PRINCIPAL APPRACIAIS, ETC., AND SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE HOLEVER, THE CONTRACTOR SHALL INCLIDE ANY ADDITIONAL COROUT, BOXES AND WIRNIS DIE TO THE STRUCTURAL OR OTHER COSTRUCTION AT 100 ENTRA CORD.
- PER F.B.C. ENERGY CONSERVATION, CHAPTER 4, SECTION C465-13.), FEEDER AN CLISTOPER-COINED SERVICE CONDUCTORS SHALL BE INSTALLED SIZED FOR A MAXIPUM VOLTAGE DROP OF 2 PERCENT AT DESIGN LOAD.
- 68. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE INSTALLED SIZED IN ACCORDANCE WITH NEC, 2005 AND FOR A MAXIMUM VOLTAGE DROP OF 3 PERCENT AT DESIGN LOAD PER FB.C. ENERGY CONSERVATION, CHAPTER 4
- FER F.B.C. ENERGY CONSERVATION, CHAPTER 4, SECTION CARSTAL, WITHIN 50 DATS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR TO THE BULDING OWER NOLUDING.
- 691 A SINGLE-LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM AND
- 692. FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION.
- PER F.B.C. ENERGY CONSERVATION, CHAPTER 4, SECTION C465.142, THE CONTRACTOR SHALL PROVIDE AN OFERATING MANUAL AND MANTENANCE MANUAL TO THE BUILDING CUNER THE MANUALS SHALL INCLIDE AT A MINIMAL THE ROLLDING.
- 162. OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PECE OF EQUIPMENT REQUIRES MAINTENANCE, REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
- 183 NAMES AND ADDRESSES OF AT LEAST ONE CITAL END SERVICE AGENCY
- COLOR CODE FOR CONDUCTORS. 20/208 VOLT SYSTEM
  NEUTRAL - WHITE
  PHASE A - BLACK
  PHASE B - RED
  PHASE C - BLUE
  GROUND - GREEN

ZTI/480 YOLT SYSTEM NEUTRAL - GRAY PHASE A - BROWN PHASE B - ORANGE PHASE C - YELLOW GROWN - GREEN

ALL OTHER COLONS (VIOLET, TRACED, ETC.) SHALL BE RESERVED FOR AND SHALL ONLY BE USED FOR SUITCH LEGS OR COMMINICATION CIRCUITS, CONDUCTORS FOR CONTROL USING SHALL BE CAUGH CODED, WISH DIFFERS COLOR CODED, WISH DIFFERS COLOR CODED, WISH DIFFERS CONTROL USES SHALL BE INTERESTED.

NORTH BAY VILLAGE



5959 BLUE LAGOON DRIVE, SUITE 411 EAC PROJECT No. 19075.LD01-09

SUB-CONSULTANT Project No.- 21087

BASQLTC Suite 22, Miarri Lakes, 305,698,3988, fax: 305



VOGEL PARK MARINE FACILITY PHASE II

KEY MAP:

DESCRIPTION DATE B

DATE ISSUED: May 2, 202

BAWN BY: D.T.

REVIEWED BY: C.Y. Rene I 🖁



GENERAL NOTES SYMBOLS LEGEND

00% CONSTRUCTION DOCUMENT

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

PRINTED COPIES OF THIS DOCUMENT

E-1.0













NORTH BAY VILLAGE

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

**VOGEL PARK** MARINE FACILITY PHASE II

DRAWN BY: D.T. REVIEWED BY: C.Y.

Rene I Basulto

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

04-10-2023 RENE I BASULTO, P.E.

ENLARGED ELECTRICAL DOCK PLAN

E-3.0 100% CONSTRUCTION DOCUMENT:



- NEW POLE LIGHT WITH REDWHITE LED SOURCES AND CCTV SECURITY CAMERA MOUNT.
- (4) NEW BOAT LIFT MOTOR AND CONTROLLER.
- B REFER TO ELECTRICAL RISER ON DRAWING E-400 FOR DETAILED INFORMATION.

Sheet E-3.0: Provide circuits numbers to new electrical loads (FAC-61G15.33)

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

