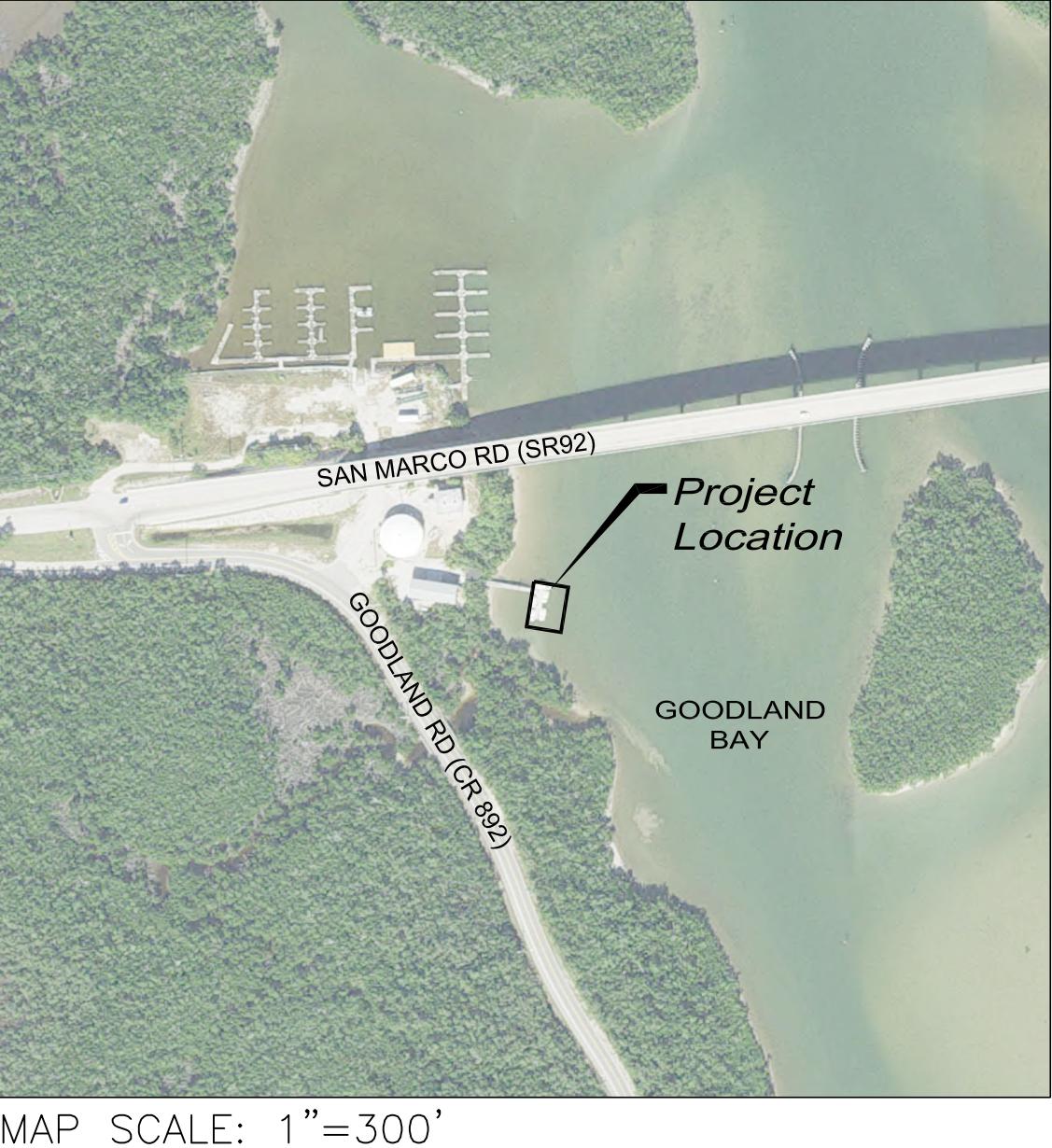


ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR
A.H.U.	AIR HANDLING UNIT
ALUM.	ALUMINUM
ALT.	ALTERNATE
APPROX.	APPROXIMATE
BD.	BOARD
BLD.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BLT.	BUTT
BRK.	BRICK
BRKR.	BRICKER
BSMT.	BASEMENT
C.J.	CONTROL JOINT
CLG.	CEILING
CMU.	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
CONC.	CONCRETE
CU.	COPPER
CU. FT.	CUBIC FOOT
CU. IN.	CUBIC INCH
CU. YD.	CUBIC YARD
DIA./S	DIAMETER
DBL.	DOUBLE
DEG.	DEGREE
DEG. DEPT.	DEGREE DEPARTMENT
DEP.	DEPARTMENT
DRINKING FOUNTAIN	DRINKING FOUNTAIN
DISC.	DISCONNECT
DL.	DEAD LOAD
DN.	DOWN
D.S.	DOWN ST
DWV.	DRAIN WASTE VENT
E.F.	EXHAUST FAN
EXH.	EXHAUST
EXP. JT.	EXPANSION JOINT
EXT.	EXTERIOR
FIN.	FINISH
FL.	FLOOR
FLUOR.	FLUORESCENT
FR.	FACE
FR.	FIRE RATING
FT.	FOOT
FTG.	FOOTING
GALV.	GALVANIZED
GFI.	GROUND FAULT
GOVT.	CIRCUIT INTERMENT
GR.FL.	GROUND FLOOR
GYP.	GYPSUM
H.C.	HOLLOW CORE
H.D.G.	HOT DIPPED GALVANIZED
HDR.	HEADER
HWR.	HARDWARE
H.P.	HORSEPOWER
HT.	HEIGHT
HTW.	HEIGHT ABOVE
HV.	HIGH VOLTAGE
HVAC.	HEATING, VENTILATING AND AIR CONDITIONING
HWY.	HIGHWAY
ID.	INSIDE DIAMETER
IN.	INCH
INCAND.	INCANDESCENT
INCL.	INCLUDED
INSUL.	INSULATION
INT.	INSIDE
INV. EL.	INVERT ELEVATION
JST.	JOIST
KD.	KILN DRIED
KW.	KILOWATT
KWH.	KILOWATT HOUR
LAM.	LAMINATED
LAV.	LAVATORY
LD.	LOAD
LTG.	LIGHTING
LN.	LENGTH
LL.	LEVERAGE LOAD
MANUF.	MANUFACTURE
MAX.	MATERIAL
MIN.	MINIMUM
MLDG.	MOLDING
MHW.	MEAN HIGH WATER
MHHW.	MEAN HIGHER HIGH WATER
MHWL.	MEAN LOW WATER
MHLW.	MEAN LOWER LOW WATER
MSL.	MEAN SEA LEVEL
MOD.	MODIFICATION
NTS.	NOT TO SCALE
NO./#	NUMBER OF MEMBERS
OA.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.	OUTSIDE DIAMETER
O/H.	OVER HEAD
OPP.	OPPOSITE
PARTN.	PARTITION
PCF.	PARALLEL CHANNEL
P.E.	PROFESSIONAL ENGINEER
PERF.	PERFECT
PERP.	PERPENDICULAR
PL.	PLATE
PLG.	PLUG
PLYWD.	PLYWOOD
PNC.	PNEUMATIC
PREFAB.	PREFABRICATED
PRELIM.	PRELIMINARY
PSI.	POUNDS PER SQUARE INCH
PSI.	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
QS.	QUARTER SAWN
R.	RADIUS
RCPT.	RECEPPIE
REBAR.	REINFORCING BAR
REFRIG.	REFRIGERATION
REFR.	REFRIGERANT
RGH.	ROUGH
RH.	ROUGH
R.O.	ROUGH OPENING
RS.	ROUGH SAW
S.C.	SOLID CORE
SCH.	SCHEDULE
SEC.	SECTION
SFTWD.	SFTWD
SH.	SHINGLES
SPEC.	SPECIFICATION
SPR.	SPRUCE
SQ.	SQUARE
SQ. FT.	SQUARE FOOT
SQ. IN.	SQUARE INCH
SQ. YD.	SQUARE YARD
ST.	STAINLESS STEEL
STL.	STL
SUP.	SUPPLY
SW.	SWITCH
S.Y.P.	SYNTACTICAL
TEL.	TELEPHONE
T&S.	TONGUE-AND-GROOVE
TYP.	TYPICAL
U.E.	UNDERGROUND ELECTRIC
U.G.	UNDERGROUND
UL.	UNIVERSITIES
V.	VENTILATOR
VENT.	VENTILATOR
VIF.	VERIFY IN FIELD
VOL.	VOLUME
VTR.	VENT THRU ROOF
W.	WATER
W.B.T.	WET BULB TEMPERATURE
WC.	WATER CLOSET
WD.	WOOD
WP.	WATERPROOF
W.F.	WELDED WIRE FABRIC
YD.	YARD



MAP SCALE: 1"=300'

ROOKERY BAY RESEARCH RESERVE

DISTRICT 4

COLLIER COUNTY

SECTION 13, TOWNSHIP 52 S, RANGE 26 E

GOODLAND DOCK EXTENSION

2561 SAN MARCO ROAD
MARCO ISLAND, FLORIDA

PROJECT # RM2401

APPLICABLE CODES AND DESIGN DATA

CODE LIST

FLORIDA BUILDING CODE, BUILDING (FBC-B)	N/A
FLORIDA BUILDING CODE, FUEL GAS (FBC-FG)	N/A
FLORIDA BUILDING CODE, MECHANICAL (FBC-M)	N/A
FLORIDA BUILDING CODE, PLUMBING (FBC-P)	N/A
FLORIDA BUILDING CODE, EXISTING BUILDING (FBC-EB)	N/A
FLORIDA BUILDING CODE, RESIDENTIAL (FBC-R)	N/A
FLORIDA FIRE PREVENTION CODE (FFPC)	N/A
NATIONAL ELECTRICAL CODE NFPA-70	N/A
FDOT STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONST.	N/A
FDOT DESIGN STANDARDS	N/A
FLORIDA ACCESSIBILITY CODE	N/A

DESIGN DATA

CONSTRUCTION TYPE:	N/A
OCCUPANCY CLASS:	N/A
OCCUPANCY HAZARD CLASSIFICATION:	N/A
OCCUPANT LOAD:	N/A
TOTAL EXITS:	N/A
SQ. FT. ALTERED AREA:	N/A

DESIGN LOADS:

LIVE LOADS (PER FBC TABLE 1607.1):

FLOOR AND DECK LOADS	
FLOOR DEAD LOAD.....	N/A
BUILDING PLAN SET	
FLOOR LIVE LOAD.....	N/A
BUILDING PLAN SET	

ROOF LOAD

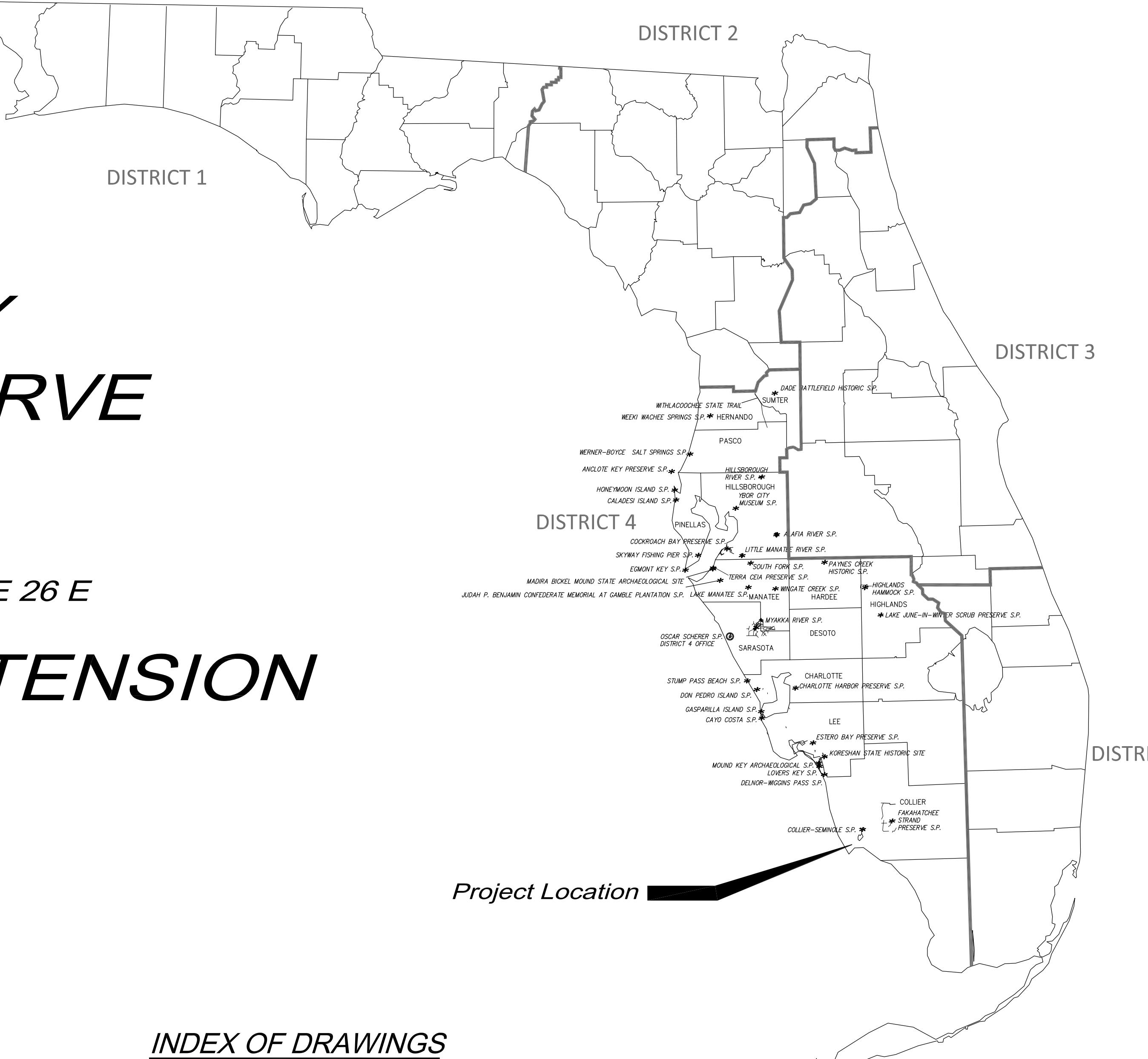
LIVE LOAD.....	N/A
BUILDING PLAN SET	
DEAD LOAD.....	N/A
BUILDING PLAN SET	

WIND LOADS (PER ASCE 7-16):

BASIC WIND SPEED (1609.3.1)	
Ultimate (V _u)/3(THREE SECOND GUST).....	N/A MPH
Nominal (V _u).....	N/A MPH
RISK CATEGORY (1604.5).....	N/A
WINDOW LOAD IMPORTANCE FACTOR.....	N/A
WINDOW EXPOSURE (1609.4).....	N/A
INTERNAL PRESSURE COEFFICIENT (C _p).....	N/A
COMPONENTS & CLADDING WIND PRESSURES.....	N/A
LIFE SAFETY PLAN:	
	N/A

Division of Recreation and Parks

Bureau of Design and Construction



INDEX OF DRAWINGS

G100	COVER SHEET
G101	GENERAL NOTES
C100	2024 AERIAL PHOTOGRAPH
C101	BEST MANAGEMENT PLAN
C102	EXISTING CONDITIONS & DEMO PLAN
C103	OVERALL SITE PLAN
C104	SITE PLAN
C500	CROSS SECTION & DETAILS
C501	SIGN DETAILS

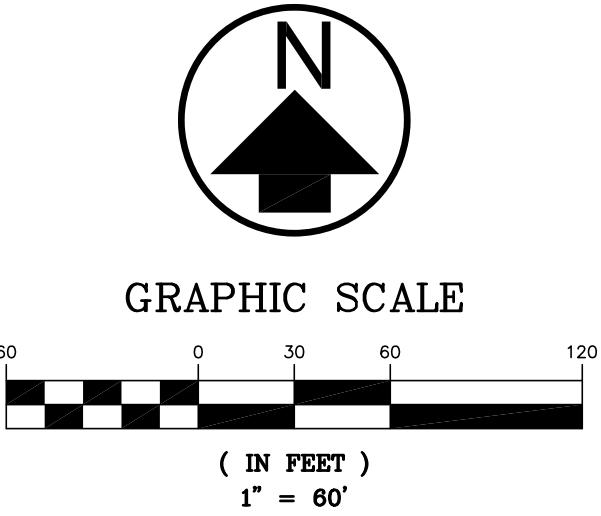
Robin
C.
Palmer

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by Robin C.
Palmer
Date:
2025.11.20
10:52:13 -05'00'

Robin C. Palmer,
Professional Engineer,
State of Florida,
Registration No. 90050



ROOKERY BAY RESEARCH RESERVE					
GENERAL NOTES					
PROJECT TITLE	GOODLAND DOCK EXTENSION	DESIGNER : RCP	DRAWN BY: M.G	ISSUE DATE: 11/18/2025	COMP. FILE NO.: FLOOR0-0628350-25010894
SHEET TITLE	GOODLAND DOCK EXTENSION	WEILER ENGINEERING CORPORATION	REVIEWED BY: IFH	STATE PROJECT NO.: FNU401	201 W MARION AVE SUITE 1006 FLORIDA 33950 941.365.1700
Department of Environmental Protection Office of Operations Bureau of Design and Construction 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300					
<p>PRE-BID SUBMITTAL THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING TO FAMILIARIZE HIMSELF WITH THE CONDITIONS OF CONSTRUCTION AND THE CONTRACTOR SHALL SOBTAINT FROM THE OWNER A WRITTEN LIST OF ALL PERMITS AND COPIES THEREOF, AND CAREFULLY REVIEW ALL PLANS, SPECIFICATIONS, AND PERMITS PREVIOUSLY SECURED ON BEHALF OF THE OWNER. IN CASE OF ANY DISCREPANCY EITHER IN THE PERMIT DOCUMENTS OR IN THE PLANS, THE OWNER SHALL DETERMINE WHICH DOCUMENTS ARE THE CORRECT ONES. THE CONTRACTOR MUST SUBMIT A WRITTEN CLARIFICATION REQUEST TO THE OWNER, WHO WILL PROMPTLY FORWARD SAME TO THE ENGINEER WHO WILL MAKE A DETERMINATION IN WRITING. THE CONTRACTOR MUST VERIFY EXISTING FACILITY INFORMATION, AND ALL DESIGN/PERMIT DATA REQUIRED FOR WORK THAT IS TO CONNECT WITH EXISTING FACILITIES. ANY DISCREPANCIES BETWEEN THE CONTRACT REQUIREMENTS AND THE EXISTING CONDITIONS MUST BE RECORDED BY THE OWNER, IN WRITING, FOR AN ENGINEERING DETERMINATION. ANY FUTURE ADJUSTMENT DUE TO FAILURE BY THE CONTRACTOR TO IDENTIFY THE RELATED DISCREPANCY, WILL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY LICENSES ADDITIONAL PERMITS, AND FOR COMPLYING WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, CODES, AND REGULATIONS IN CONNECTION WITH THE PERFORMANCE OF THE WORK.</p>					
<p>CONSTRUCTION SAFETY AND LIABILITY THE CONTRACTOR MUST TAKE PROPER SAFETY AND HEALTH PRECAUTIONS TO PROTECT THE WORKERS, THE PUBLIC, AND THE ENVIRONMENT. OTHERS, THE CONTRACTOR IS RESPONSIBLE ALSO FOR ALL MATERIALS DELIVERED AND WORK PERFORMED UNTIL COMPLETION AND ALL ACCEPTANCES HAVE BEEN OBTAINED. THE CONTRACTOR SHALL MAINTAIN TRAFFIC DURING CONSTRUCTION IN ACCORDANCE WITH THE STATE OF FLORIDA ROADWAY AND TRAFFIC DESIGN STANDARDS (1994). THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO PROPERTY THAT OCCURS AS A RESULT OF HIS NEGLIGENCE. THE CONTRACTOR MUST SAVE HARMLESS AND INDEMNIFY THE OWNER AND THE ENGINEER OF RECORD, ITS OFFICERS, REPRESENTATIVES AND EMPLOYEES FROM ALL CLAIMS, LOSS, DAMAGE, ACTIONS, CAUSES OF ACTION, AND/OR EXPENSES RESULTING FROM, BROUGHT FOR, OR ON ACCOUNT OF, PROPERTY DAMAGE, INJURY, OR DAMAGE SUSTAINED BY ANY PERSONS OR PROPERTY ARISING OUT OF OR OCCURRING AS ATTRIBUTABLE TO ANY WORK PERFORMED UNDER OR RELATED TO THIS CONTRACT, RESULTING IN WHOLE OR IN PART FROM THE NEGLIGENT ACTS OR OMISSIONS OF THE CONTRACTOR, ANY SUBCONTRACTOR, OR ANY EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE CONTRACTOR OR ANY SUBCONTRACTOR.</p>					
<p>PRE-CONSTRUCTION THE OWNER SHALL SECURE PRIOR TO CONSTRUCTION A PROFESSIONAL LAND SURVEYOR TO PERFORM AN "AS-BUILT" SURVEY OF ALL COMPLETED IMPROVEMENTS. THE OWNER SHALL ALSO SECURE PRIOR TO CONSTRUCTION A PROFESSIONAL ENGINEER, SURVEYOR, CONTRACTOR, TESTING LAB, AND OTHERS AS MAY BE REQUIRED FOR THE PROJECT. THE CONTRACTOR SHALL PROVIDE A SHOP DRAWING SUBMISSION SCHEDULE FOR ALL PROJECT MATERIALS AND COMPONENTS. THE CONTRACTOR SHALL NOT INITIATE CONSTRUCTION OF ANY PORTION OF THE IMPROVEMENTS UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED FOR THE CONTRACTOR. THE OWNER, CONTRACTOR, ENGINEER AND UTILITY COMPANY SHALL PROVIDE ALL DOCUMENTATION REQUIRED FOR CONTRIBUTED FACILITIES TRANSFER FROM THE OWNER/DEVELOPER TO THE UTILITY COMPANY UPON PROJECT COMPLETION, UNLESS OTHERWISE SPECIFIED BY THE UTILITY COMPANY, THE FOLLOWING DOCUMENTS SHALL BE PROVIDED:</p>					
<p>DOCUMENTS REQUIRED FOR CONTRIBUTED FACILITIES FROM DEVELOPER TO UTILITY COMPANY:</p> <ol style="list-style-type: none"> 1. RECORD DRAWINGS (AS-BUILT); MUST BE SIGNED AND SEALED BY ENGINEER OF RECORD, SUBMIT A REPRODUCIBLE MYLAR AND TWO COPIES OF PRINTS. 2. DETAILED COSTS OF CONSTRUCTION MUST INDIVIDUAL ITEMS OR APPURTENANCES, UNIT COST AND TOTAL COST OF EACH. DO NOT INCLUDE WATER SERVICE LINES OR SEWER LATERALS. 3. DESCRIPTION OF FACILITIES: A SHORT EXPLANATION DEPICTING WHAT HAS BEEN CONSTRUCTED. 4. D.E.P. APPLICATIONS. 5. INSPECTION REPORTS. 6. ENGINEER'S CERTIFICATE OF SUBSTANTIAL COMPLETION TO D.E.P. 					
<p>PRIOR TO ANY INTERRUPTION OF UTILITY SERVICE, THE CONTRACTOR SHALL COORDINATE SUCH INTERRUPTION WITH THE UTILITY PROVIDER AND WILL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED UTILITY. THE CONTRACTOR SHALL NOTIFY THE UTILITY PROVIDER OF A PLanned INTERRUPTION IN THE CONSTRUCTION IN THE VICINITY OF THEIR FACILITIES THAT HE INTENDS TO START WORK IN A SPECIFIC AREA. THE OWNER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE SUPPORT AND PROTECTION OF SEWERS, DRAINS, WATER LINES, GAS LINES, CONDUITS OF ANY KIND, UTILITIES OR OTHER STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PUBLIC UTILITIES LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE, RIGHT-OF-WAY, OR EASEMENT.</p>					
<p>ENVIRONMENTAL PROTECTION DURING CONSTRUCTION PROTECTION OF LAND RESOURCES: IN AREAS IDENTIFIED ON THE PLANS TO BE CLEARED, THE CONTRACTOR MUST NOT DEFACE, INJURE, OR DESTROY TREES OR SHRUBS OR REMOVE OR CUT THEM WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER. IN THE ABSENCE OF A CLEARING PLAN, AREAS SHOWN FOR IMPROVEMENTS SHALL BE CLEARED AS NECESSARY. OTHERS, THE CONTRACTOR MUST PROVIDE PROTECTION OF WATER RESOURCES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, REGIONAL COUNTY AND MUNICIPAL LAWS CONCERNING POLLUTION OF WATER RESOURCES. ALL WORK MUST BE PERFORMED IN SUCH MANNER THAT OBJECTIONABLE CONDITIONS WILL NOT BE CREATED IN PUBLIC WATERS RUNNING THROUGH, OR ADJACENT TO THE PROJECT AREA.</p>					
<p>1. EROSION AND SEDIMENT CONTROL – ALL PRACTICABLE AND NECESSARY EFFORT SHOULD BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND THE TRANSPORTMENT OF SEDIMENT TO SURFACE DRAINS, SURFACE WATER, OR ONTO OTHER PROPERTY BY ANY OR ALL OF THE FOLLOWING METHODS:</p> <ol style="list-style-type: none"> A. STORMWATER FACILITIES ARE TO BE BUILT AS EARLY IN THE CONSTRUCTION PHASE AS POSSIBLE TO ENSURE PROPER TREATMENT OF CONSTRUCTION SEDIMENT AND SEDIMENT CONTROL MEASURES; HOWEVER, SUCH AS BERMS, SEDIMENT BASINS, CRASSING, SODDING, SAND BAGGING, Baled HAY OR STRAW, FLOATING SILT BARRIERS, STACKED SILT BARRIERS, ETC., MUST BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT FACILITIES ARE COMPLETED AND OPERATIONAL. B. REVEGETATION AND STABILIZATION OF DISTURBED GROUND SURFACES SHOULD BE ACCOMPLISHED AS SOON AS POSSIBLE. C. FULL COMPACTION OF ANY FILL MATERIAL PLACED AROUND NEWLY INSTALLED STRUCTURES. D. DO NOT USE ANY CONSTRUCTION EQUIPMENT THAT LEAKS FUEL OIL, HYDRAULIC FLUID. 					
<p>2. ALL DISTURBED AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE, EXCEPT RETENTION AREAS, AND SHALL BE STABILIZED BY SODDING. THE LATEST VERSION OF THE F.D.O.T. ROAD AND BRIDGE SPECIFICATIONS SHALL BE USED UNLESS MORE RESTRICTIVE LOCAL SPECIFICATIONS EXIST.</p>					
<p>CONTRACTOR RESPONSIBLE FOR STABILIZING AND MAINTAINING SLOPES AND SOD THROUGHOUT CONSTRUCTION UNTIL SUCH TIME AS APPROVED BY THE ENGINEER.</p>					
<p>ALL PROPOSED REVEGETATION OF THE PROJECT AREA MUST BE APPROVED BY THE DISTRICT BIOLOGIST. PROPOSED PLANTING SCHEDULES SHALL BE SUBMITTED TO THE DISTRICT BIOLOGIST FOR REVIEW AND SHOULD ONLY INCLUDE PLANT SPECIES THAT ARE NATIVE TO FLORIDA AND HAVE BEEN DOCUMENTED IN THE PARK. THE ONLY ACCEPTABLE SOIL IS THE ANASTASIA GRASS (STENOPHYLLUM SQUAMINUM), A SPECIES NATIVE TO FLORIDA. ANOTHER PROPOSED REVEGETATION SHALL BE SUBMITTED TO THE DISTRICT BIOLOGIST FOR REVIEW PRIOR TO INSTALLATION ON SITE.</p>					
<p>PROTECTION OF FISH AND WILDLIFE THE CONTRACTOR MUST AT ALL TIMES PERFORM ALL WORK IN A WAY AND TAKE SUCH STEPS AS REQUIRED TO PREVENT ANY INTERFERENCE WITH OR DISTURBANCE TO FISH AND WILDLIFE. THE CONTRACTOR SHALL NOT ALTER WATER FLOWS OR OTHERWISE DISTURB NATIVE HABITATS AND JURISDICTIONAL WETLANDS LOCATED WITHIN AND/OR ADJACENT TO THE PROJECT AREA.</p>					
<p>RECORDING AND PRESERVING HISTORICAL AND ARCHAEOLOGICAL FINDS ALL ITEMS HAVE ANY APPARENT HISTORICAL OR ARCHAEOLOGICAL INTEREST THAT ARE DISCOVERED IN THE COURSE OF ANY CONSTRUCTION ACTIVITIES MUST BE CAREFULLY PRESERVED. THE CONTRACTOR MUST LEAVE THE ARCHAEOLOGICAL FIND UNDISTURBED AND MUST IMMEDIATELY REPORT THE FIND TO THE OWNER SO THAT THE PROPER AUTHORITY MAY BE NOTIFIED.</p>					
<p>DEWATERING 1.01 GENERAL A. DEWATERING CONSISTS OF PERFORMING ALL WORK NECESSARY TO REMOVE SURFACE WATER AND/OR CONTROL THE GROUND WATER LEVELS AND HYDROSTATIC PRESSURES IN ORDER TO PERMIT ALL EXCAVATION AND CONSTRUCTION UNDER THIS CONTRACT TO BE PERFORMED IN THE DRY.</p>					
<p>B. WORKS OF THIS SECTION INCLUDES INSTALLATION, OPERATIONS, MAINTENANCE, SUPERVISION, AND DISMANTLING, AND REMOVAL FROM THE SITE OF THE DEWATERING EQUIPMENT.</p>					
<p>C. THE CONTRACTOR MUST FAMILIARIZE HIMSELF WITH THE POTENTIAL FOR EXCESSIVE RAINFALL, THE GROUND CONDITIONS, AND THE GROUND WATER CONDITIONS. GROUND WATER ELEVATION CAN FLUCTUATE, AND IS ANPCTED THAT THE EXCAVATION MAY AFFECT GROUND WATER LEVELS UNDER CONTRACT.</p>					
<p>D. EXAMINE SOURCES OF INFORMATION CONCERNING GROUND WATER LEVEL, WHETHER SURFACE OR SUBSURFACE. EACH BIDDER TO DRAW HIS OWN CONCLUSION CONCERNING GROUND WATER LEVELS AND HOW WATER AFFECTS HIS WORK.</p>					
<p>1-02 SUBSURFACE INVESTIGATIONS</p>					
<p>A. CONTRACTORS, BEFORE SUBMITTING BIDS, SHALL INFORM THEMSELVES AS TO LOCATION AND NATURE OF THE WORK, CHARACTER OF EQUIPMENT AND FACILITIES NEEDED FOR PERFORMANCE OF THE WORK, GENERAL AND LOCAL CONDITIONS PREVAILING AT THE SITE, AND THE CONDITIONS WHICH MAY AFFECT THE WORK UNDER CONTRACT.</p>					
<p>B. EXAMINE SOURCES OF INFORMATION CONCERNING GROUND WATER LEVEL WHETHER SURFACE OR SUBSURFACE. EACH BIDDER TO DRAW HIS OWN CONCLUSION CONCERNING GROUND WATER LEVELS AND HOW WATER AFFECTS HIS WORK.</p>					
<p>1-03 SUBSURFACE INVESTIGATIONS</p>					
<p>A. SUBSURFACE INVESTIGATIONS, GROUND WATER ELEVATIONS OR CONDITIONS, IF SHOWN ON THE DRAWINGS OR ATTACHED TO THESE SPECIFICATIONS, ARE PRESENTED ONLY AS INFORMATION THAT IS AVAILABLE WHICH INDICATED CERTAIN CONDITIONS FOUND AND LIMITED TO THE EXACT LOCATIONS, SHALL NOT BE INTERPRETED AS AN INDICATION OF CONDITIONS THAT MAY ACTUALLY BE DEVELOPED THROUGH THE PERIOD OF CONSTRUCTION. BIDDERS SHALL NOT BE DEPENDENT UPON THE INFORMATION PROVIDED BY THE OWNER AS TO THE CHARACTER OF MATERIALS AND THE CONDITIONS TO BE ENCOUNTERED ON THE WORK, AND THEIR PROPOSAL SHALL BE BASED UPON THEIR OWN INVESTIGATIONS. THE OWNER AND ENGINEER SHALL NOT BE RESPONSIBLE FOR VARIATIONS FOUND TO EXIST BETWEEN THE ATTACHED DATA ABOVE REFERRED TO AND ACTUAL FIELD CONDITIONS THAT DEVELOP THROUGH THE PERIOD OF CONSTRUCTION.</p>					
<p>B. WHERE EXISTING GRADES, UTILITY LINES, AND SUBSTRUCTURES ARE SHOWN ON THE DRAWINGS, THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR CORRECTNESS OF EXISTING CONDITIONS INDICATED. THE CONTRACTOR SHALL ASSESS EXACT LOCATIONS OF UTILITY LINES AND SUBSTRUCTURES THAT ARE SHOWN ON THE DRAWINGS AND SHALL BE RESPONSIBLE FOR DAMAGE TO THESE LINES OR SUBSTRUCTURES WHICH ARE NOT TO BE REMOVED OR DEMOLISHED.</p>					
<p>C. THE CONTRACTOR SHALL MAKE HIS OWN DEDUCTIONS OF THE SUBSURFACE CONDITIONS WHICH MAY AFFECT METHODS OF COST OF CONSTRUCTION AND HE AGREES THAT HE WILL MAKE NO COMPROMISES OF THE CONTRACT PRICE OR CONDITIONS OF PAYMENT FOR IN THE AGREEMENT. HE SHOULD FIND CONDITIONS DURING THE PROGRESS OF THE WORK DIFFERENT FROM THOSE AS CALCULATED OR ANTICIPATED BY HIM.</p>					
<p>1-04 BENCH MARKS AND MONUMENTS</p>					
<p>A. MARK AND CAREFULLY EXISTING BENCH MARKS, MONUMENTS, AND OTHER REFERENCE POINTS IF DESTROYED OR DESTROYED, REPLACE AS DIRECTED.</p>					
<p>1-05 JOB CONDITIONS</p>					
<p>A. CONDITION OF PREMISES: ACCEPT SITE AS FOUND AND EXCAVATE, FILL, COMPACT, AND BACKFILL SITE AS HEREINAFTER SPECIFIED.</p>					
<p>B. PROTECTION:</p>					
<p>1. EXISTING STRUCTURES AND PROPERTY: TAKE PRECAUTIONS TO GUARD AGAINST MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES AND FACILITIES; PROVIDE AND PLACE BRACING OR SHORING AS NECESSARY OR PROPER IN CONNECTION THEREWITH; BE RESPONSIBLE FOR SAFETY AND SUPPORT OF SUCH STRUCTURES; BE LIABLE FOR ANY DAMAGE OR SETTLEMENT OF EXISTING STRUCTURES OR FACILITIES RESULTING THEREFROM. IF AT ANY TIME SAFETY OR ANY ADJACENT STRUCTURES APPEARS TO BE ENDANGERED, CEASE OPERATION, TAKE PRECAUTIONS TO SUPPORT SUCH STRUCTURES AND NOTIFY THE OWNER. RESUME OPERATIONS ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE OWNER.</p>					
<p>2. SURFACE APPURTEMENTS: TAKE PRECAUTIONS TO GUARD AGAINST MOVEMENT, SETTLEMENT, OR COLLAPSE OF ANY SIDEWALKS, CURBS, OR STREET PASSAGES ON ADJOINING SITE; BE LIABLE FOR ANY SUCH MOVEMENT, SETTLEMENT OR COLLAPSE; REPAIR PROMPTLY SUCH DAMAGE WHEN SO ORDERED; INSTALL SUCH SHORING, INCLOSURE, OR SUPPORTS AS MAY BE REQUIRED IN PROTECTING EXCAVATION, TO PROTECT BANKS, ADDITIONAL PAINTING, STRUCTURES, AND UTILITIES.</p>					
<p>3. RESPONSIBILITY: BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING STRUCTURES OR TO EQUIPMENT AND FURNISHINGS HOUSED THEREIN WHICH ARE DUE DIRECTLY OR INDIRECTLY TO CONSTRUCTION OPERATIONS, EXCEPT WHERE REMOVAL IS NECESSITATED BY SITE GOING OR LOCATION OF NEW BUILDING. USE EVERY POSSIBLE PRECAUTION TO PREVENT INJURIES TO LANDSCAPING, DRAWS, CURBS AND WALKS ON OR ADJACENT TO SITE OF THE WORK AND REPLACE, AT NO EXPENSE TO OWNER, ANY OF SUCH DESTROYED.</p>					
<p>4. D.E.P. APPLICATIONS.</p>					
<p>5. INSPECTION REPORTS.</p>					
<p>6. ENGINEER'S CERTIFICATE OF SUBSTANTIAL COMPLETION TO D.E.P.</p>					
<p>2-01 GENERAL</p>					
<p>A. IN A MANNER THAT PROVIDES FOR THE SAFETY OF THE PUBLIC AND WORKMEN AND PROVIDE FOR THE PROTECTION OF ALL PROPERTY.</p>					
<p>B. CONSTRUCTION: DO NOT CLOSE, OBSTRUCT OR STORE MATERIAL OR EQUIPMENT IN STREETS, SIDEWALKS, ALLEYS, SIDEWALKS AND OTHER FACILITIES.</p>					
<p>C. INTERFERENCE: CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE WITH ROADS, STREETS, DRIVEWAYS, ALLEYS, SIDEWALKS AND OTHER FACILITIES.</p>					
<p>D. PNEUMATIC TOOLS: WORK WITH PNEUMATIC OR VIBRATORY TOOLS WILL BE PERMITTED ONLY IN A MANNER WHICH CAUSES NO UNDETERMINED DAMAGE.</p>					
<p>E. REMOVAL: UNLESS OTHERWISE SPECIFIED OR SPECIFIED TO BE RELOCATED OR STORED, ALL MATERIALS REMOVED BECOME THE PROPERTY OF THE CONTRACTOR AND ARE TO BE REMOVED COMPLETELY SHALLOW FROM THE SITE BY HIM. DO NOT STORE OR PERMIT DEBRIS TO ACCUMULATE ON THE SITE.</p>					
<p>F. TEMPORARY STRUCTURES: REMOVE ALL TEMPORARY STRUCTURES WHEN THEY ARE NO LONGER REQUIRED.</p>					
<p>G. REPAIR: CLEAN UP, REPAIR OR REPLACE AT NO COST TO OWNER ALL PROPERTY DAMAGED BY REASON OF REQUIRED WORK. ALL PATCHWORK SHALL MATCH EXISTING AND BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER BY CRAFTSMAN SKILLED IN THE TRADE. REPAIRS TO NEWLY GRADED AREAS TAKE EVERY PRECAUTION AGAINST TEMPORARY MEASURE NECESSARY, TO PREVENT DAMAGE FROM EROSION OF FRESHLY GRADED AREA, WHERE ANY SETTLEMENT OR WASHING MAY OCCUR PRIOR TO ACCEPTANCE OF THE WORK, REPAIR AND RE-ESTABLISH GRADES TO THE REQUIRED ELEVATIONS AND SLOPES AT NO ADDITIONAL COST TO THE OWNER. THIS APPLIES TO DAMAGE TO THE NEWLY GRADED AREA DURING THE CONSTRUCTION LIMITS AND DAMAGE TO ADJACENT PROPERTIES BY ERODED MATERIAL.</p>					
<p>2-02 LOCATIONS AND ELEVATIONS</p>					
<p>A. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURVEYS, MEASUREMENTS AND LAYOUTS FOR PROPER EXECUTION OF THE WORK. LAY OUT LINES AND GRADES FROM EXISTING SURVEY CONTROL SYSTEM AND AS SHOWN ON DRAWINGS.</p>					
<p>2-03 CLEARING AND GRUBBING</p>					
<p>A. WITHIN LIMITS OF AREAS DESIGNATED FOR GRADING AND SITE CONSTRUCTION WORK, REMOVE TREES, BUSHES, WOOD, DEBRIS AND OTHER DELETERIOUS MATERIALS NOT REQUIRED TO MAINTAIN A PATH OF GRAVITY.</p>					
<p>B. REMOVE ALL GRASS, PLANTS, VEGETATION AND ORGANIC MATERIAL FROM SAME AREA.</p>					
<p>2-04 STRIPPING</p>					
<p>A. BEGIN STRIPPING AFTER CLEARING AND GRUBBING WHERE APPLICABLE, HAS BEEN COMPLETED.</p>					
<p>B. REMOVE TO GRADES REQUIRED TO ACCOMMODATE THE PROPOSED CONSTRUCTION, Dewater AS NEEDED.</p>					
<p>C. REMOVE "UNSATISFACTORY MATERIALS" ENCOUNTERED FROM THE BUILDING AREAS, AND OTHER NON-LANDSCAPE AREAS.</p>					
<p>D. EXCAVATE IN SUCH A MANNER THAT QUICK AND EFFICIENT DRAINAGE OF STORMWATER WILL BE AFFORDED.</p>					
<p>E. CLASSIFY EXCAVATED MATERIALS AND STOCKPILE SEPARATELY SUITABLE SOILS FOR USE AS BACKFILL MATERIALS. IF SUFFICIENT QUANTITIES OF EXCAVATED MATERIALS MEETING REQUIREMENTS FOR BACKFILL, ARE NOT AVAILABLE ON SITE, PROVIDE MATERIALS MEETING THESE REQUIREMENTS.</p>					
<p>F. STOCKPILE EXCAVATED MATERIAL SUITABLE FOR USE AS FILL AND BACKFILL.</p>					
<p>2-05 EXCAVATION</p>					
<p>A. BEGIN EXCAVATION AFTER STRIPPING, CLEARING AND GRUBBING WHERE APPLICABLE, HAS BEEN COMPLETED.</p>					
<p>B. EXCAVATE TO GRADES REQUIRED TO ACCOMMODATE THE PROPOSED CONSTRUCTION.</p>					
<p>C. REMOVE "UNSATISFACTORY MATERIALS" ENCOUNTERED FROM THE BUILDING AREAS, AND OTHER NON-LANDSCAPE AREAS.</p>					
<p>D. EXCAVATE IN SUCH A MANNER THAT QUICK AND EFFICIENT DRAINAGE OF STORMWATER WILL BE AFFORDED.</p>					
<p>E. CLASSIFY EXCAVATED MATERIALS AND STOCKPILE SEPARATELY SUITABLE SOILS FOR USE AS BACKFILL MATERIALS. IF SUFFICIENT QUANTITIES OF EXCAVATED MATERIALS MEETING REQUIREMENTS FOR BACKFILL, ARE NOT AVAILABLE ON SITE, PROVIDE MATERIALS MEETING THESE REQUIREMENTS.</p>					
<p>F. STOCKPILE EXCAVATED MATERIAL SUITABLE FOR USE AS FILL AND BACKFILL.</p>					
<p>2-06 FILLING, BACKFILLING AND COMPACTING</p>					
<p>A. THE WORK CONSISTS OF COMPACTION OF EXISTING EARTH (EXCLUDING ROCK), SURFACES AFTER EXCAVATION, FILLING AND COMPACTION OF SAID AREA TO LEVELS REQUIRED WITH SUFFICIENT BACKFILL MATERIALS.</p>					
<p>B. MATERIALS FOR FILLING AND BACKFILLING SHALL BE MAINTAINED IN PLACES THAT ARE NOT SUBJECT TO EROSION.</p>					
<p>C. FILLING AND BACKFILLING: PLACE "SATISFACTORY FILL MATERIAL" IN HORIZONTAL LAYERS NOT EXCEDING 6 INCHES IN LOOSE DEPTH, COMPACT AS SPECIFIED HEREIN NO MATERIAL SHALL BE PLACED ON SURFACES THAT ARE NOT SUBJECT TO EROSION.</p>					
<p>D. COMPACTION: COMPACTION OF EARTH BY EQUIPMENT PROVIDED TO SUITE SOIL BEING COMPACTED, MOISTEN OR AERATE MATERIAL AS NECESSARY TO PROVIDE MOISTURE CONTENT THAT WILL READILY FACILITATE OBTAINING SPECIFIED COMPACTION WITH EQUIPMENT USED. COMPACT EACH LAYER TO NOT LESS THAN PERCENTAGE OF MAXIMUM DENSITY SPECIFIED BELOW DETERMINED ACCORDING WITH AASHTO T-180. INSURE THAT THE COMPACTION OF PROJECT-USED FILL MATERIALS IS NOT BEING MAINTAINED PRIOR TO PLACEMENT THEREON.</p>					
<p>E. RECONDITIONING OF SUBGRADE: WHERE APPROVED COMPACTED SUBGRADES ARE DISTURBED BY THE CONTRACTOR'S SUBSEQUENT OPERATIONS OR ADVERSE WEATHER SUBGRADE SHALL BE SCARIFIED AND COMPACTED AS SPECIFIED HEREIN BEFORE TO REQUIRE DENSITY PRIOR TO FURTHER CONSTRUCTION THEREON. RE-COMPACTION OVER UNDRAINED UTILITIES SHALL BE BY POWER-DRIVEN HAND TAMERS.</p>					
<p>F. COMPACTION REQUIREMENTS:</p>					
<p>1. FILL UNDER LAWNS AND PLANTED: 95%</p>					
<p>2-07 TESTING</p>					
<p>A. THE CONTRACTOR WILL PROVIDE THE SERVICES OF A TESTING LABORATORY TO PERFORM SPECIFIED TESTS, INSPECTIONS, INSTRUMENTATION AND INSPECTION OF THE WORK.</p>					
<p>B. TESTS OF MATERIALS SHALL BE AS FOLLOWS:</p>					
<p>1. SOIL CLASSIFICATION: ONE TEST FROM EACH TYPE OF MATERIAL ENCOUNTERED AND/OR PROPOSED TO BE USED.</p>					
<p>2. LABORATORY TESTS FOR MOISTURE-CONTEST AND DENSITY ACCORDING TO AASHTO T-180: ONE TEST FOR EACH MATERIAL ENCOUNTERED AND/OR PROPOSED TO BE USED.</p>					
<p>3. FIELD TESTS FOR MOISTURE CONTEST AND DENSITY: ONE TEST PER LAYER OF FILL PER 5,000 SQUARE FEET OF AREA.</p>					
<p>2-08 Dewatering</p>					
<p>A. Dewatering consists of performing all work necessary to remove surface water and/or control the ground water levels and hydrostatic pressures in order to permit all excavation and construction under this contract to be performed in the dry.</p>					
<p>B. WORKS OF THIS SECTION INCLUDES INSTALLATION, OPERATIONS, MAINTENANCE, SUPERVISION, AND DISMANTLING, AND REMOVAL FROM THE SITE OF THE DEWATERING EQUIPMENT.</p>					
<p>C. THE CONTRACTOR MUST FAMILIARIZE HIMSELF WITH THE POTENTIAL FOR EXCESSIVE RAINFALL, THE GROUND CONDITIONS, AND THE GROUND WATER CONDITIONS. GROUND WATER ELEVATION CAN FLUCTUATE, AND IS ANPCTED THAT THE EXCAVATION MAY AFFECT GROUND WATER LEVELS UNDER CONTRACT.</p>					
<p>D. EXAMINE SOURCES OF INFORMATION CONCERNING GROUND WATER LEVEL WHETHER SURFACE OR SUBSURFACE. EACH BIDDER TO DRAW HIS OWN CONCLUSION CONCERNING GROUND WATER LEVELS AND HOW WATER AFFECTS HIS WORK.</p>					
<p>2-09 PAVEMENT MARKING</p>					
<p>A. MARKINGS SHALL BE PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS IN A NEAT AND ACCURATE MANNER.</p>					
<p>B. ALL EQUIPMENT SHALL BE OF A TYPE AND DESIGN WHICH WILL READILY OBTAIN THE REQUIRED UNIFORMITY OF APPLICATION OF THE PAVEMENT MARKINGS BOTH AS TO THICKNESS OF COATING AND AS TO ALIGNMENT.</p>					
<p>2-10 REFLECTIVE COATINGS</p>					
<p>A. THE FOLLOWING PUBLICATIONS OF THE ISSUE LISTED BELOW, BUT REFERRED TO THEREAFTER BY BASIC DESIGNATION ONLY, FORM A PART OF THIS SPECIFICATION TO THE EXTENT INDICATED BY THE REFERENCES THERETO:</p>					
<p>1. FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION)</p>					
<p>2. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, 1988.</p>					
<p>2-11 SUBMITTALS</p>					
<p>A. SUBMITTALS AS SPECIFIED IN SECTION 971 OF FDOT SPECIFICATIONS AND AS APPLICABLE TO HEREAFTER SPECIFIED MATERIAL.</p>					
<p>2-12 MATERIALS AND COLORS</p>					
<p>A. THERMOPLASTIC: IN ACCORDANCE WITH REQUIREMENTS AS SPECIFIED IN SECTION 971-12 CODE T-2 OF THE FDOT SPECIFICATIONS. LATEX PAINT ONLY.</p>					
<p>B. PAINT: IN ACCORDANCE WITH REQUIREMENTS AS SPECIFIED IN SECTION 971-12 CODE T-2 OF THE FDOT SPECIFICATIONS. WATER-BORN PAINT ONLY.</p>					
<p>2-13 EXCAVATION</p>					
<p>A. TIME OF APPLICATION: PAINTING SHALL BE DONE ONLY DURING DAYLIGHT HOURS AND AS FAR AS PRACTICAL, SHALL BE TERMINATED IN TIME TO PERMIT SUFFICIENT DRYING BY SUNSET.</p>					
<p>B</p>					



C 100		DESIGNER : RGP	ISSUE DATE: 11/18/2025	SYMBO	REVISION	DATE	SERIAL	REVISION	DATE
SHEET NO.		DRAWN BY: M.G	COMP. FILE NO.: FLOOR08-0628350-25010894	A	.				
SHEET TITLE	2024 AERIAL PHOTOGRAPH	REVIEWED BY: TPH	STATE PROJECT NO.: RM2401	B					
PROJECT TITLE	GOODLAND DOCK EXTENSION	Consultant : WEILER ENGINEERING CORPORATION	201 W MARION AVE SUITE 1306 PUNTA GORDA, FLORIDA 33950 941.365.1700	C					
ROOKERY BAY RESEARCH RESERVE		ROBIN C. PALMER, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 505050	This item has been digitally signed and sealed by Robin C. Palmer, P.E. on the date indicated here. 11/20/2025 Signature must be verified on any electronic copies.						
GOODLAND DOCK EXTENSION		WEIC An Apex Company							

Department of Environmental Protection
Office of Operations
Bureau of Design and Construction
3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300



ENVIRONMENTAL PROTECTION DURING CONSTRUCTION:

ENVIRONMENTAL PERMIT COMPLIANCE – IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL LAWS CONCERNING ENVIRONMENTAL PROTECTION INCLUDING LAND RESOURCES, WATER RESOURCES, WETLANDS, VEGETATION AND WILDLIFE.

PROTECTION OF LAND RESOURCES – EXCEPT IN AREAS IDENTIFIED ON THE PLANS TO BE CLEARED, THE CONTRACTOR MUST NOT DEFACE, INJURE, OR DESTROY TREES OR SHRUBS OR REMOVE OR CUT THEM WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER. IN THE ABSENCE OF A CLEARING PLAN, AREAS SHOWN FOR IMPROVEMENTS SHALL BE CLEARED UNLESS NOTED OTHERWISE.

PROTECTION OF WATER RESOURCES – IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, REGIONAL COUNTY AND MUNICIPAL LAWS CONCERNING POLLUTION OF WATER RESOURCES. ALL WORK MUST BE PERFORMED IN SUCH A MANNER THAT OBJECTIONABLE CONDITIONS WILL NOT BE CREATED IN PUBLIC WATERS RUNNING THROUGH, OR ADJACENT TO THE PROJECT AREA.

1. EROSION AND SEDIMENT CONTROL – ALL PRACTICABLE AND NECESSARY EFFORT SHOULD BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND THE TRANSPORT OF SEDIMENT TO SURFACE DRAINS, SURFACE WATER, OR ONTO OTHER PROPERTY BY ANY OR ALL OF THE FOLLOWING METHODS:

- A. REVEGETATION AND STABILIZATION OF DISTURBED GROUND SURFACES SHOULD BE ACCOMPLISHED AS SOON AS POSSIBLE.
- B. FULL COMPACTION OF ANY FILL MATERIAL PLACED AROUND NEWLY INSTALLED STRUCTURES.
- C. PROHIBIT THE USE OF ANY CONSTRUCTION EQUIPMENT THAT LEAKS EXCESSIVE AMOUNTS OF FUEL OIL, OR HYDRAULIC FLUID.

2. ALL DISTURBED AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE, AND SHALL BE STABILIZED BY SODDING, EXCEPT WHERE SEEDING AND MULCHING ARE CALLED FOR ON THE PLANS. THE LATEST VERSION OF THE F.D.O.T. ROAD AND BRIDGE SPECIFICATIONS SHALL BE USED UNLESS MORE RESTRICTIVE LOCAL SPECIFICATIONS EXIST.

CONTRACTOR RESPONSIBLE FOR STABILIZING AND MAINTAINING SLOPES AND SOD THROUGHOUT CONSTRUCTION UNTIL SUCH TIME AS APPROVED BY THE ENGINEER.

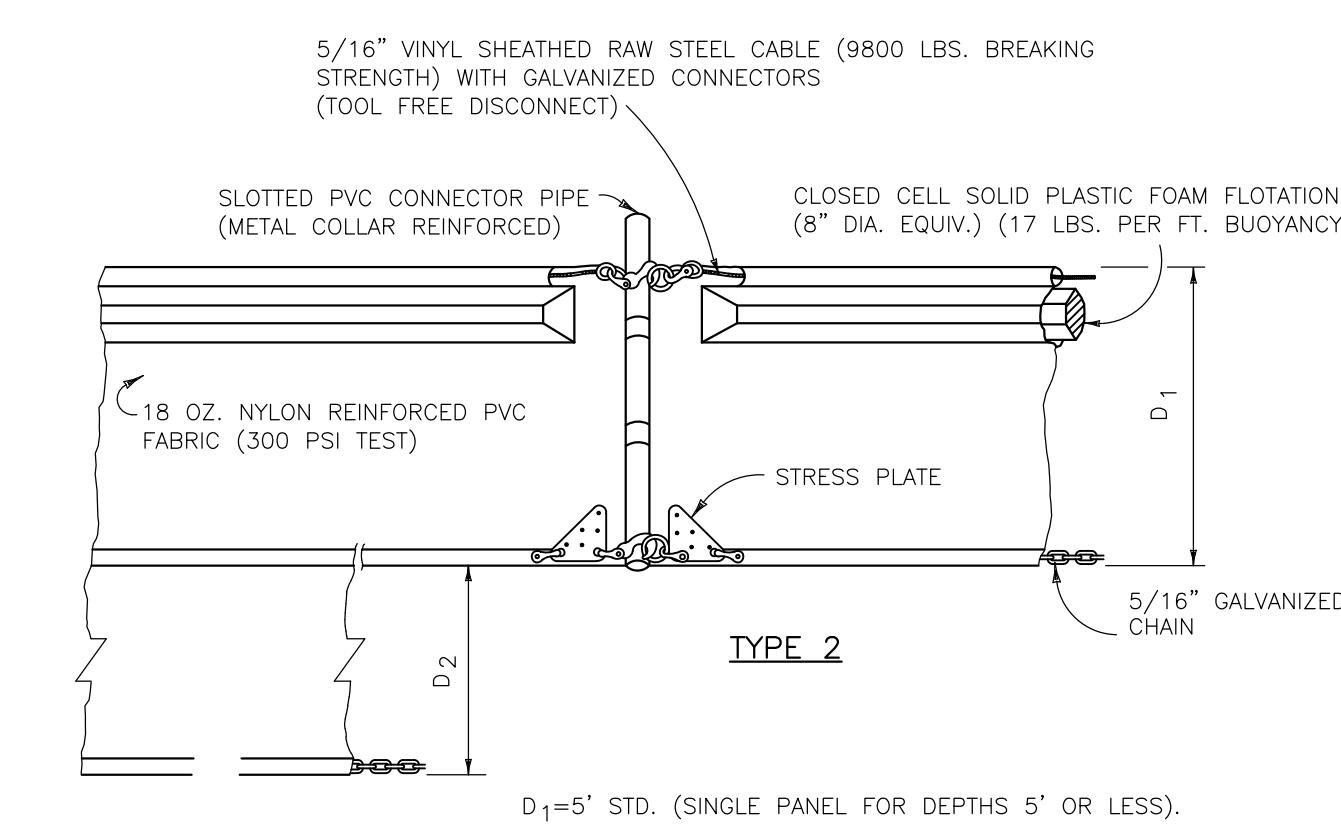
PROTECTION OF FISH AND WILDLIFE
THE CONTRACTOR MUST AT ALL TIMES PERFORM ALL WORK IN A WAY AND TAKE SUCH STEPS AS REQUIRED TO PREVENT ANY INTERFERENCE WITH OR DISTURBANCE TO FISH AND WILDLIFE. THE CONTRACTOR SHALL NOT ALTER WATER FLOWS OR OTHERWISE DISTURB NATIVE HABITATS AND JURISDICTIONAL WETLANDS LOCATED WITHIN AND/OR ADJACENT TO THE PROJECT AREA.

RECORDING AND PRESERVING HISTORICAL AND ARCHEOLOGICAL FINDS ALL ITEMS HAVING ANY APPARENT HISTORICAL OR ARCHEOLOGICAL INTEREST THAT ARE DISCOVERED IN THE COURSE OF ANY CONSTRUCTION ACTIVITIES MUST BE CAREFULLY PRESERVED. THE CONTRACTOR MUST LEAVE THE ARCHEOLOGICAL FIND UNDISTURBED AND MUST IMMEDIATELY REPORT THE FIND TO THE OWNER SO THAT THE PROPER AUTHORITY MAY BE NOTIFIED.

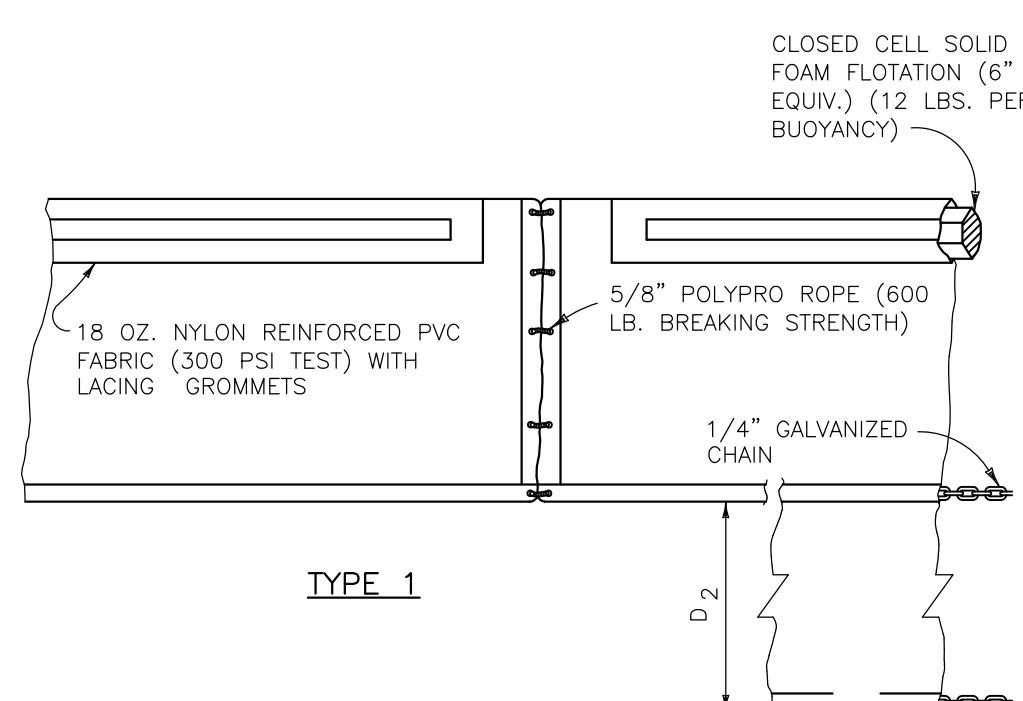
EROSION CONTROL NOTES:

1. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED DAILY AND REPAIRS MADE AS NECESSARY TO ENSURE THE PROPER AND CONTINUED FUNCTION OF THE CONTROLS.
3. ALL EROSION AND SEDIMENTATION CONTROL SHALL REMAIN IN PLACE UNTIL A PERMANENT VEGETATIVE COVER HAS BEEN ESTABLISHED.

4. UNDER NO CIRCUMSTANCES SHALL SEDIMENTS BE PERMITTED TO EXIT THE PROJECT LIMITS, INCLUDING TRACKING BY VEHICLES ONTO PAVED ROADWAYS. THE CONTRACTOR SHALL MAKE IMMEDIATE REPAIRS OR ENHANCEMENTS TO ANY EROSION CONTROL SYSTEM THAT ALLOWS THE RELEASE OF SEDIMENTS.



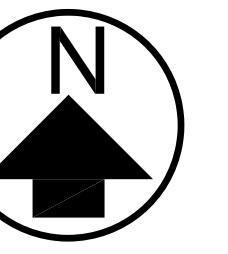
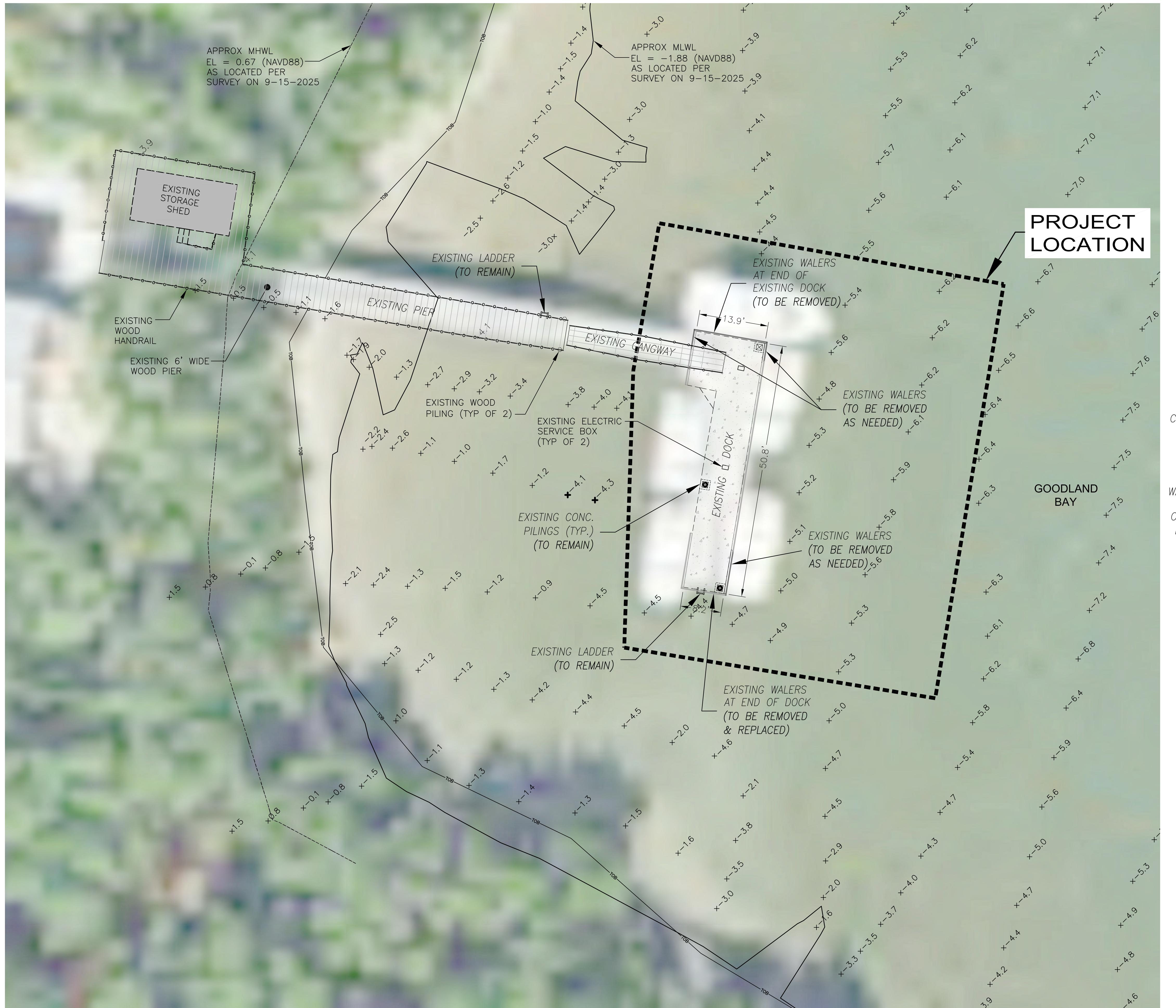
D₁=5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS).
D₂=5' STD. (ADDITIONAL PANEL FOR DEPTHS > 5').
CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO(2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.



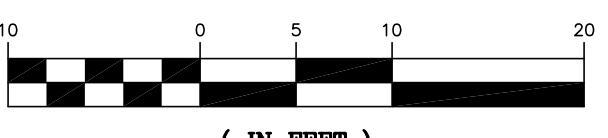
FLOATING TURBIDITY BARRIER
NOT TO SCALE

NOTE:
COMPONENTS OF TYPES 1 AND 2 MAY BE SIMILAR OR IDENTICAL TO PREVIOUS DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES 1 AND 2 SHALL BE AS APPROVED BY THE ENGINEER.

C 101		PROJECT TITLE: GOODLAND DOCK EXTENSION		SHEET TITLE: BEST MANAGEMENT PLAN		SHEET NO.: C 101		ROOKERY BAY RESEARCH RESERVE	
SHEET NO.: C 101		SHEET TITLE: BEST MANAGEMENT PLAN		SHEET NO.: C 101		SHEET NO.: C 101		ROOKERY BAY RESEARCH RESERVE	
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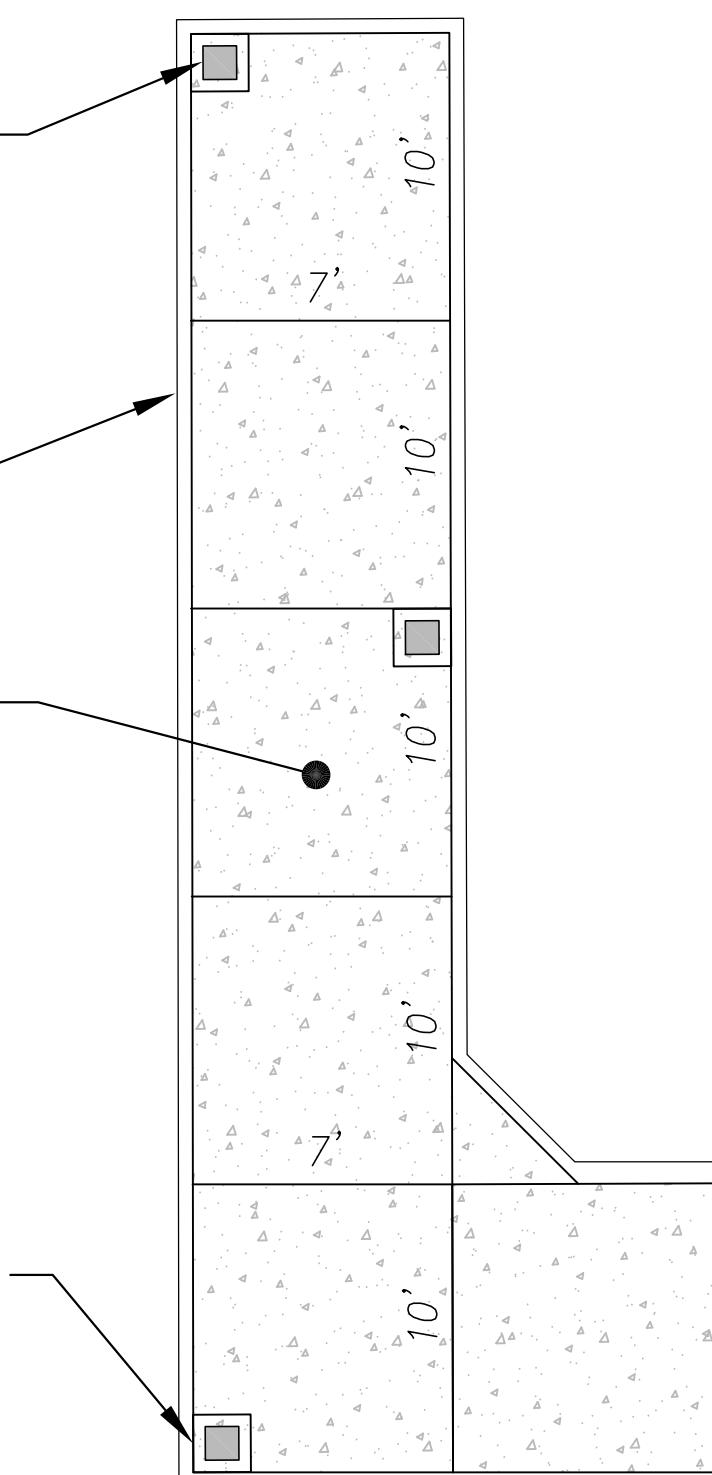
GRAPHIC SCALE



LEGEND

- PROPERTY BOUNDARY
- GANGWAY
- CONCRETE
- FIXED DOCK/DECK
- BUILDING
- EXISTING GRADE (NAVD 88)

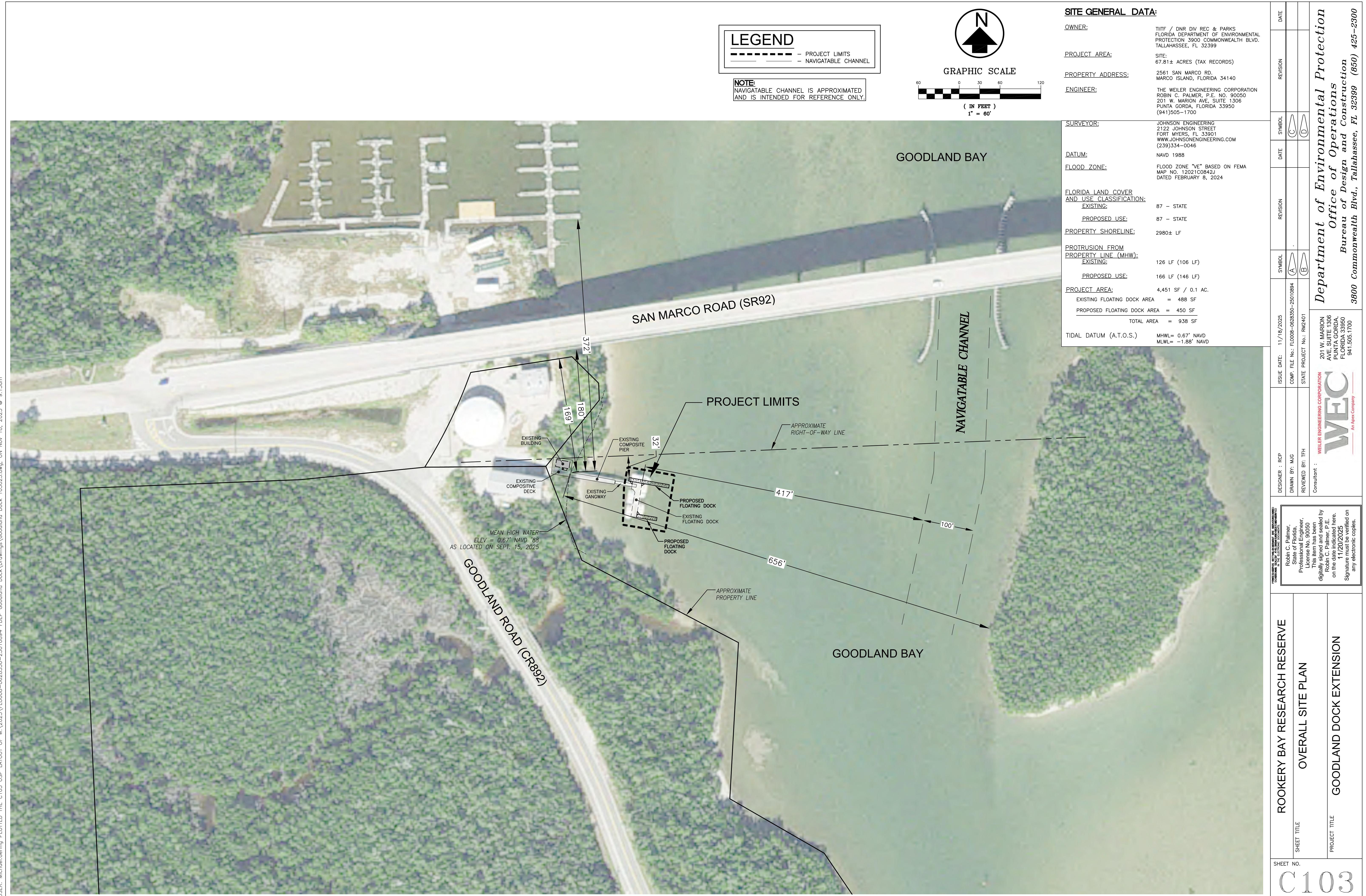
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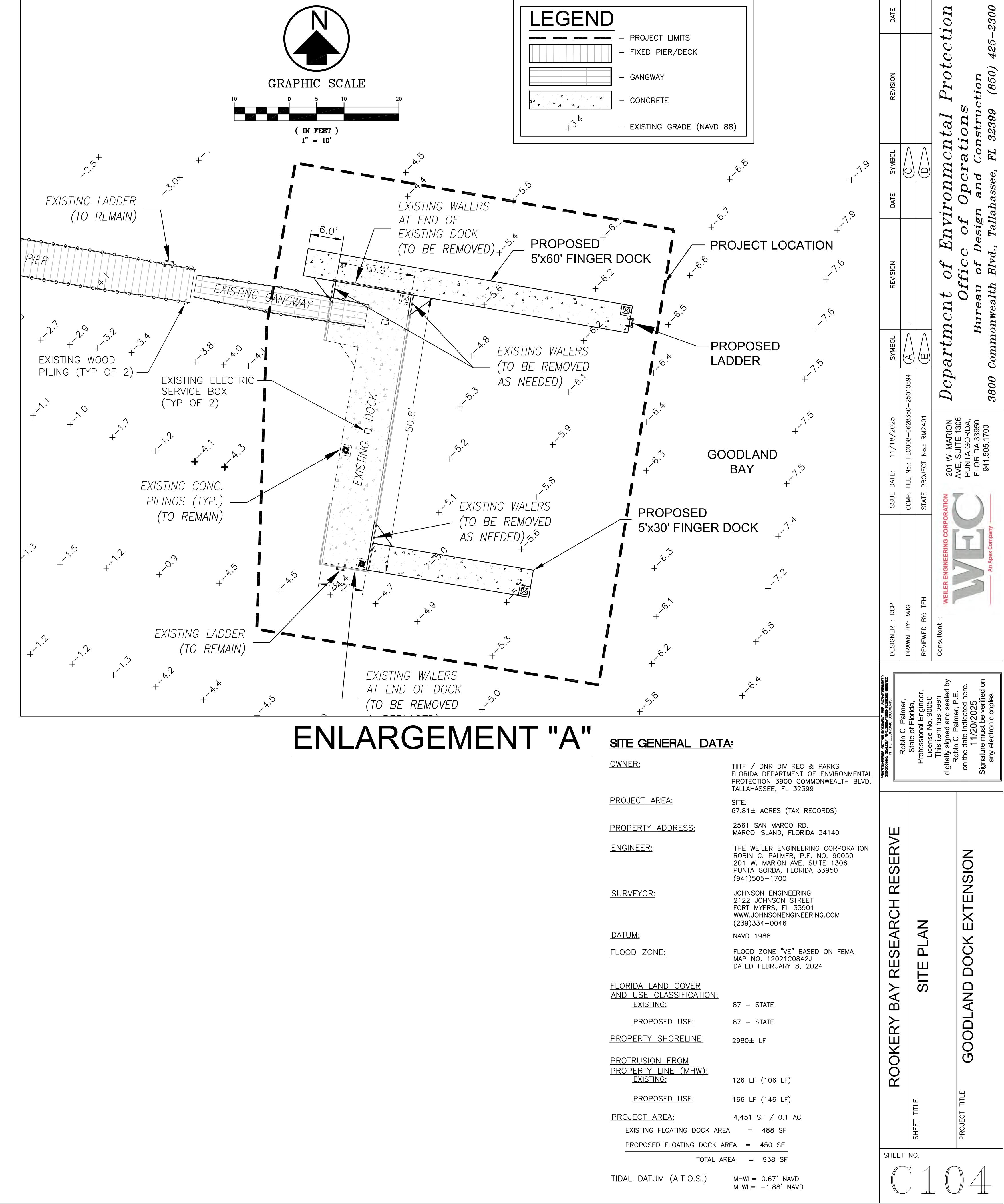


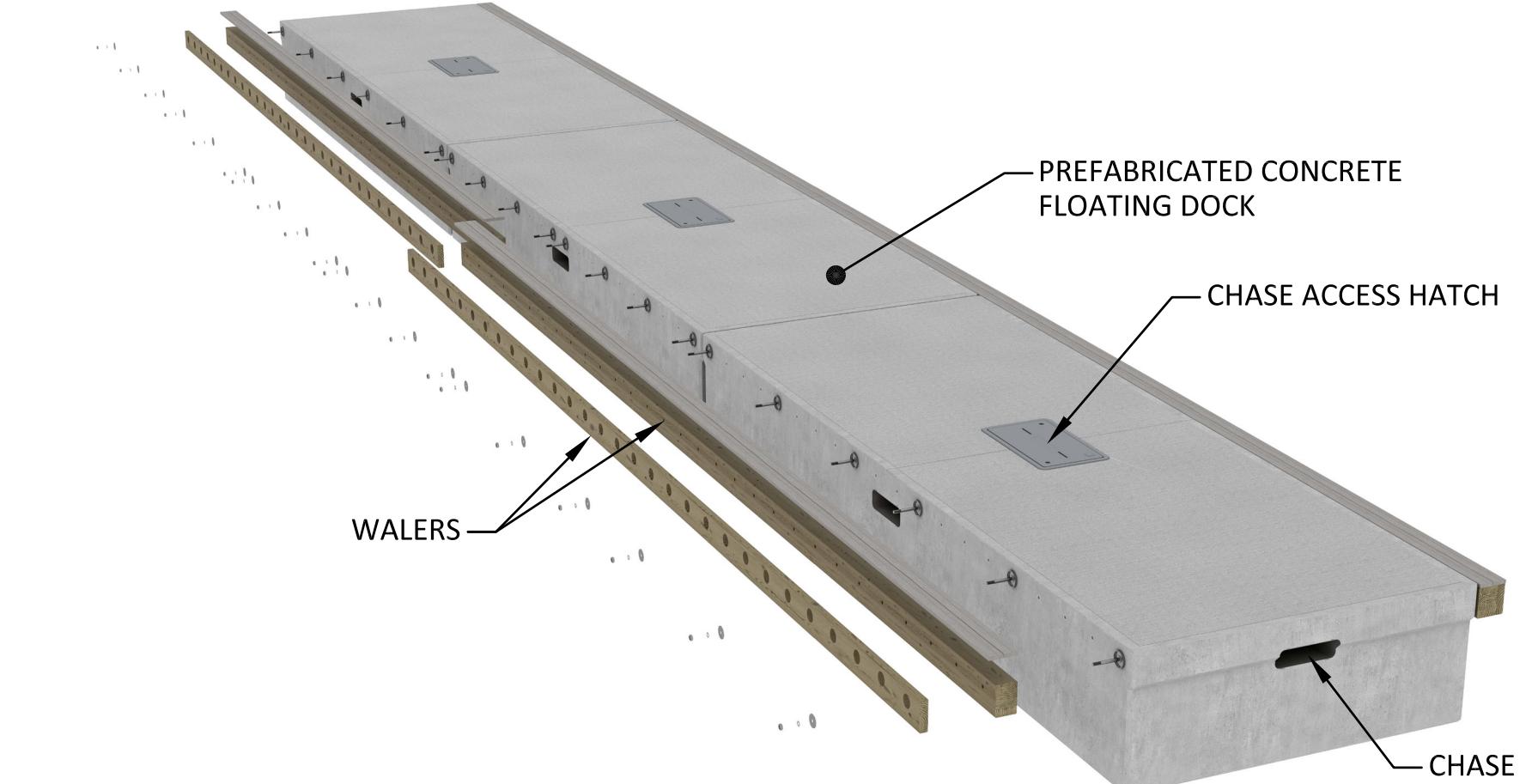
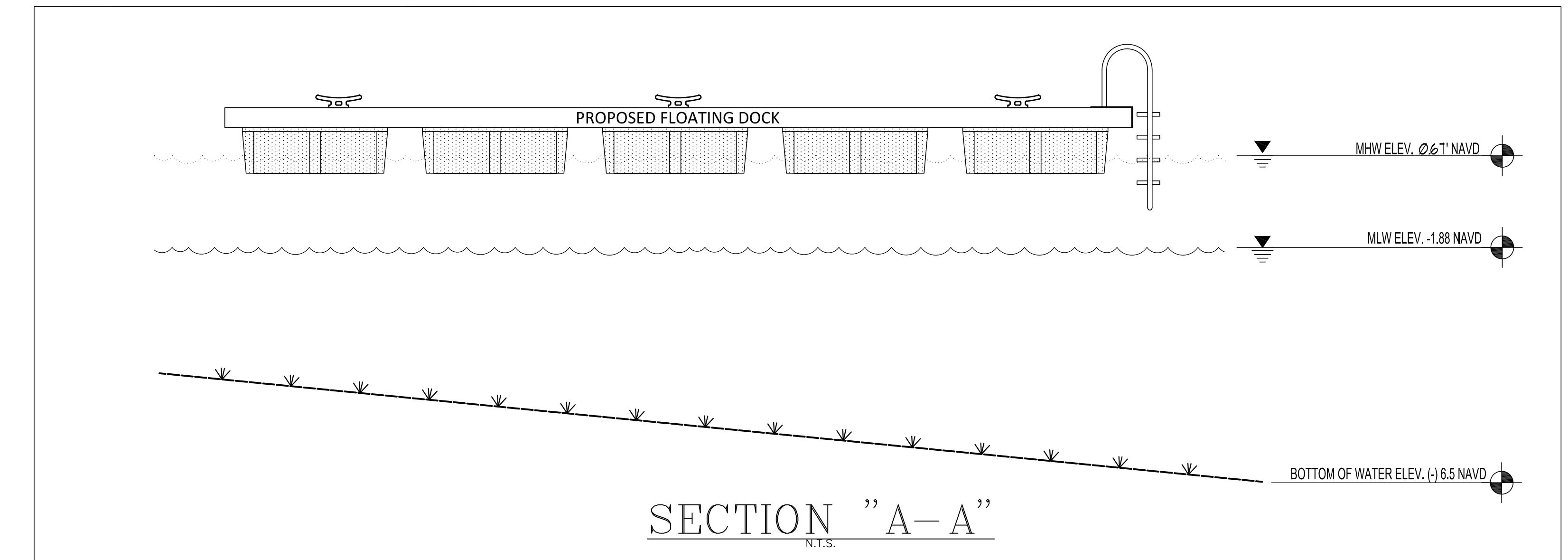
EXISTING CONCRETE FLOATING DOCK DETAIL

PROJECT TITLE		GOODLAND DOCK EXTENSION	
SHEET TITLE		EXISTING CONDITIONS & DEMO PLAN	
<p>IN THE ELECTRONIC DOCUMENTS.</p> <p>Robin C. Palmer, State of Florida, Professional Engineer, License No. 90050 This item has been digitally signed and sealed by Robin C. Palmer, P.E. on the date indicated here. 11/20/2025 Signature must be verified on any electronic copies.</p>			
DESIGNER : RCP	ISSUE DATE: 11/18/2025	SYMBOL	DATE
DRAWN BY: MJC	COMP. FILE No.: FL0008-0628350-25010894	(A)	
REVIEWED BY: TFH	STATE PROJECT No.: RM2401	(B)	
Consultant : WEILER ENGINEERING CORPORATION		<p>201 W. MARION AVE, SUITE 1306 PUNTA GORDA, FLORIDA 33950 941.505.1700</p> <p>WE An Apex Company</p>	
PROJECT TITLE		<p>Department of Environmental Protection Office of Operations Bureau of Design and Construction</p> <p>3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300</p>	
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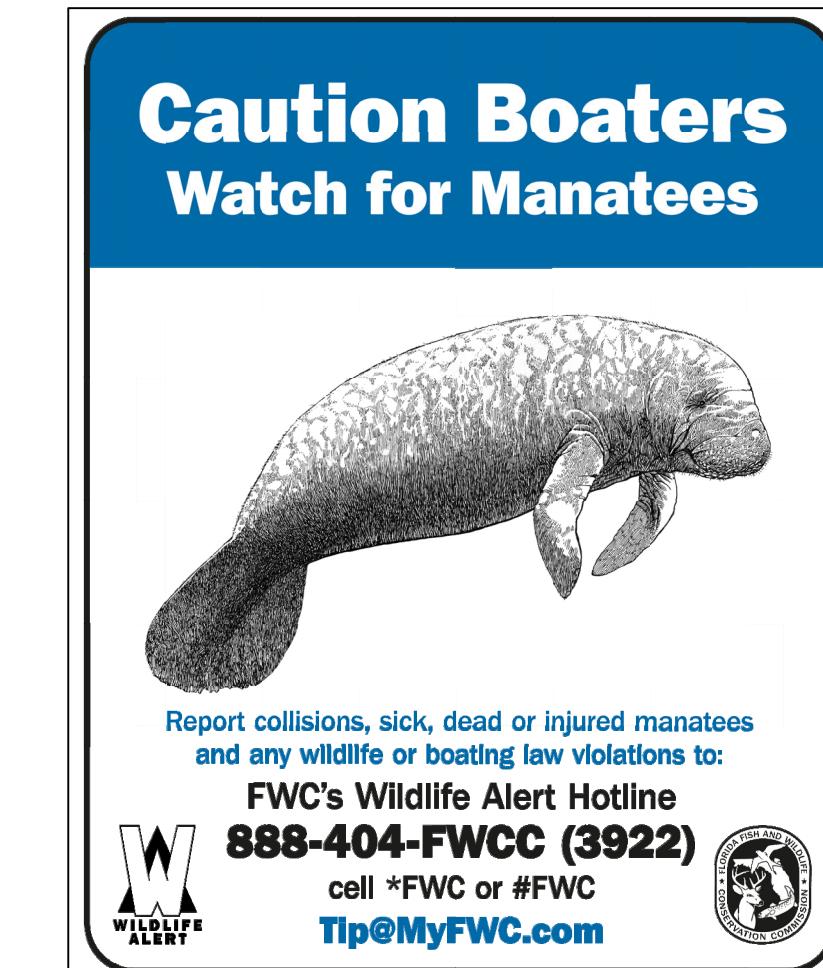






TYPICAL DOCK LAYOUT

PROJECT TITLE CROSS SECTION & DETAILS		ROOKERY BAY RESEARCH RESERVE		CROSS SECTION & DETAILS	
		1	2	3	4
<p>1. SIGNERED, SPOKEN, OR CROWNED, WHETHER IN WRITING OR IN THE ELECTRONIC DOCUMENTS.</p> <p>Robin C. Palmer, State of Florida, Professional Engineer, License No. 90050 This item has been digitally signed and sealed by Robin C. Palmer, P.E. on the date indicated here. 11/20/2025 Signature must be verified on any electronic copies.</p>		<p>2. SHEET TITLE</p>		<p>3. DESIGNER : RCP DRAWN BY: MJG REVIEWED BY: TFH</p> <p>4. ISSUE DATE: 11/18/2025 COMP. FILE No.: FL0008-0628350-25010894 STATE PROJECT No.: RM2401</p>	
<p>5. CONSULTANT : WEILER ENGINEERING CORPORATION</p> <p>WE</p> <p>WEILER ENGINEERING CORPORATION 201 W. MARION AVE, SUITE 1306 PUNTA GORDA, FLORIDA 33950 941.505.1700 3800 Commonwealth Blvd., Tallahassee, FL 32399 (850) 425-2300 An Apex Company</p>		<p>6. SYMBOL A B</p>		<p>7. REVISION DATE C D</p>	
				<p>8. SYMBOL C D</p>	
				<p>9. REVISION DATE</p>	



SIGN "A"

Not to Scale



Help protect Florida's manatees.

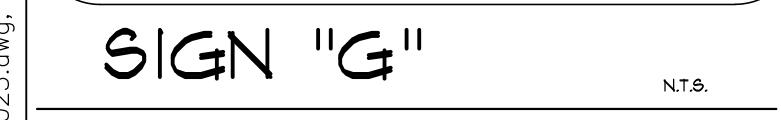
Manatees and other wildlife can easily become entangled in or ingest discarded monofilament fishing line and hooks, which can lead to serious injury or death.

Report collisions, sick, dead or injured manatees and any wildlife or boating law violations to:

FWC's Wildlife Alert Hotline
888-404-FWCC (3922)
cell *FWC or #FWC
Tip@MyFWC.com

SIGN "B"

6" x 1'-0"

REFLECTIVE
YELLOW
BACKGROUND

SIGN "G"

N.T.S.

PLEASE DO NOT FEED THE BIRDS

Filleted carcasses and large fish bones can injure or kill seabirds by puncturing their throats.

Instead of tossing fish carcasses and scraps in the water, please discard in a lidded trash can or at home.



SIGN "D"



Help protect Florida's manatees.

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FWC's Wildlife Alert Hotline
888-404-FWCC (3922)
cell *FWC or #FWC
Tip@MyFWC.com

SIGN "B"

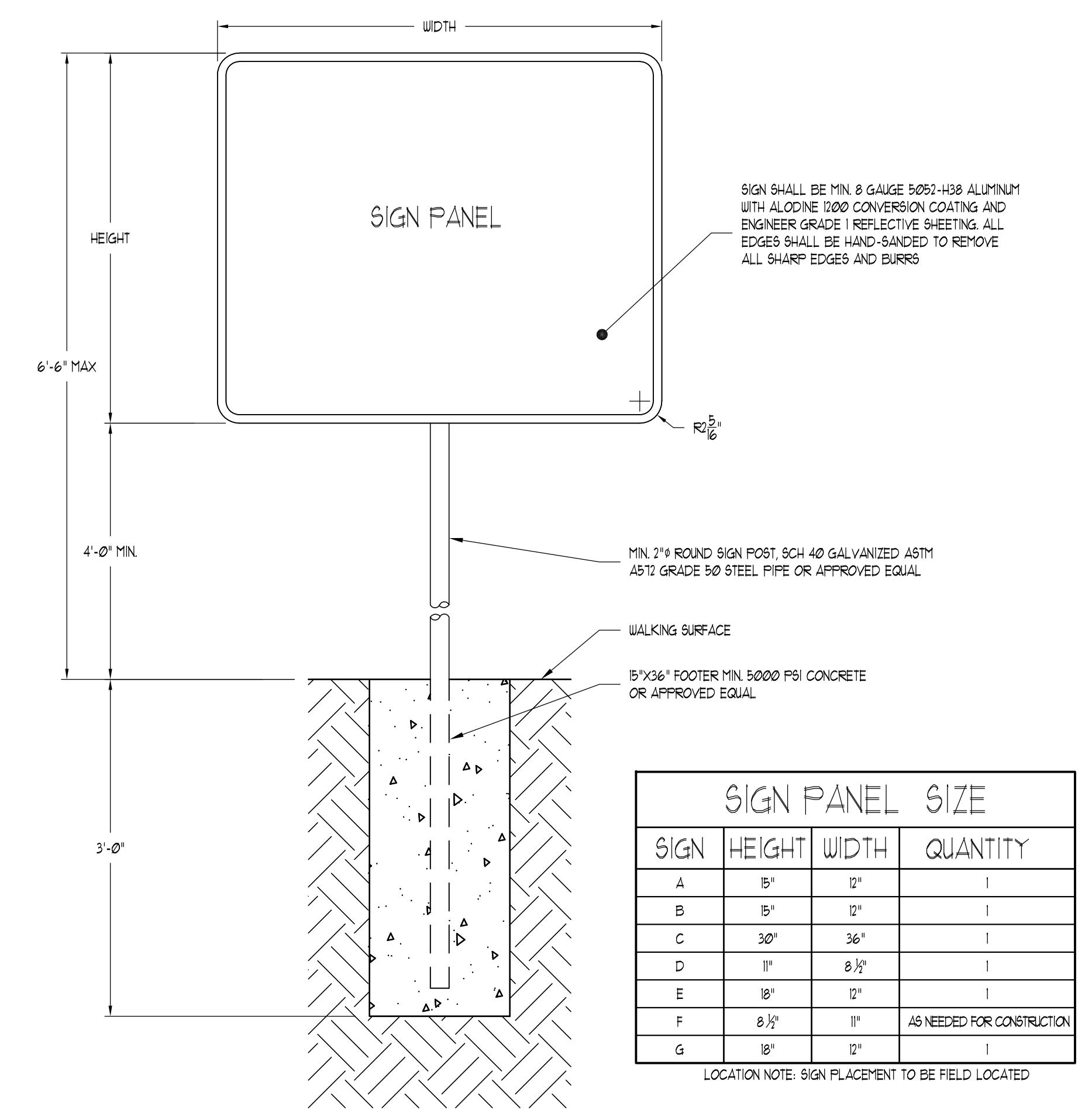
15'H x 12'W



SIGN "C"

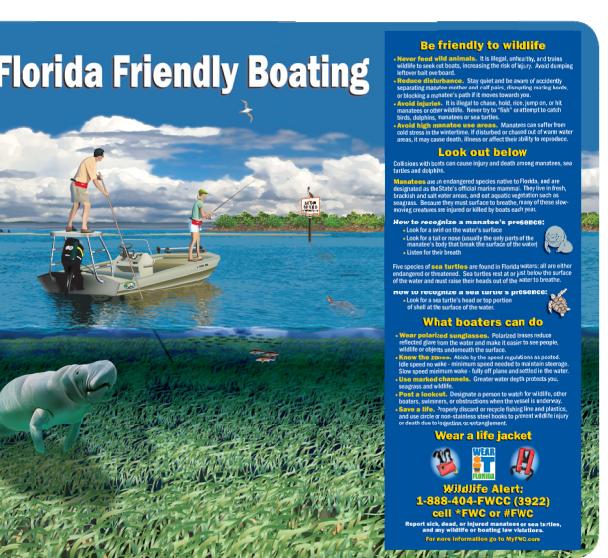
30'H x 36'W

SIGNAGE NOTE:
SIGN PLACEMENT SHALL BE FIELD DETERMINED



TYPICAL SIGNAGE POST AND FOUNDATION

PROJECT TITLE: ROOKERY BAY RESEARCH RESERVE	DESIGNER: RCP	ISSUE DATE: 11/18/2025	SYMBOL: A	REVISION: .	DATE: .	REVISION: .	DATE: .
SHEET TITLE: SIGN DETAILS	DRAWN BY: M.G	COMP. FILE NO.: FLOOR-0628350-25010894	SYMBOL: B	REVISION: .	DATE: .	REVISION: .	DATE: .
PROJECT TITLE: GOODLAND DOCK EXTENSION	REVIEWED BY: T.F.H	STATE PROJECT NO.: RM2401	SYMBOL: C	REVISION: .	DATE: .	REVISION: .	DATE: .
Consultant: WEILER ENGINEERING CORPORATION 201 W. MARION AVE SUITE 1306 PUNTA GORDA, FLORIDA 33901 941.365.1700 An AEC Company							
LOCATION NOTE: SIGN PLACEMENT TO BE FIELD LOCATED							



CAUTION: MANATEE HABITAT

ALL PROJECT VESSELS IDLE SPEED / NO WAKE

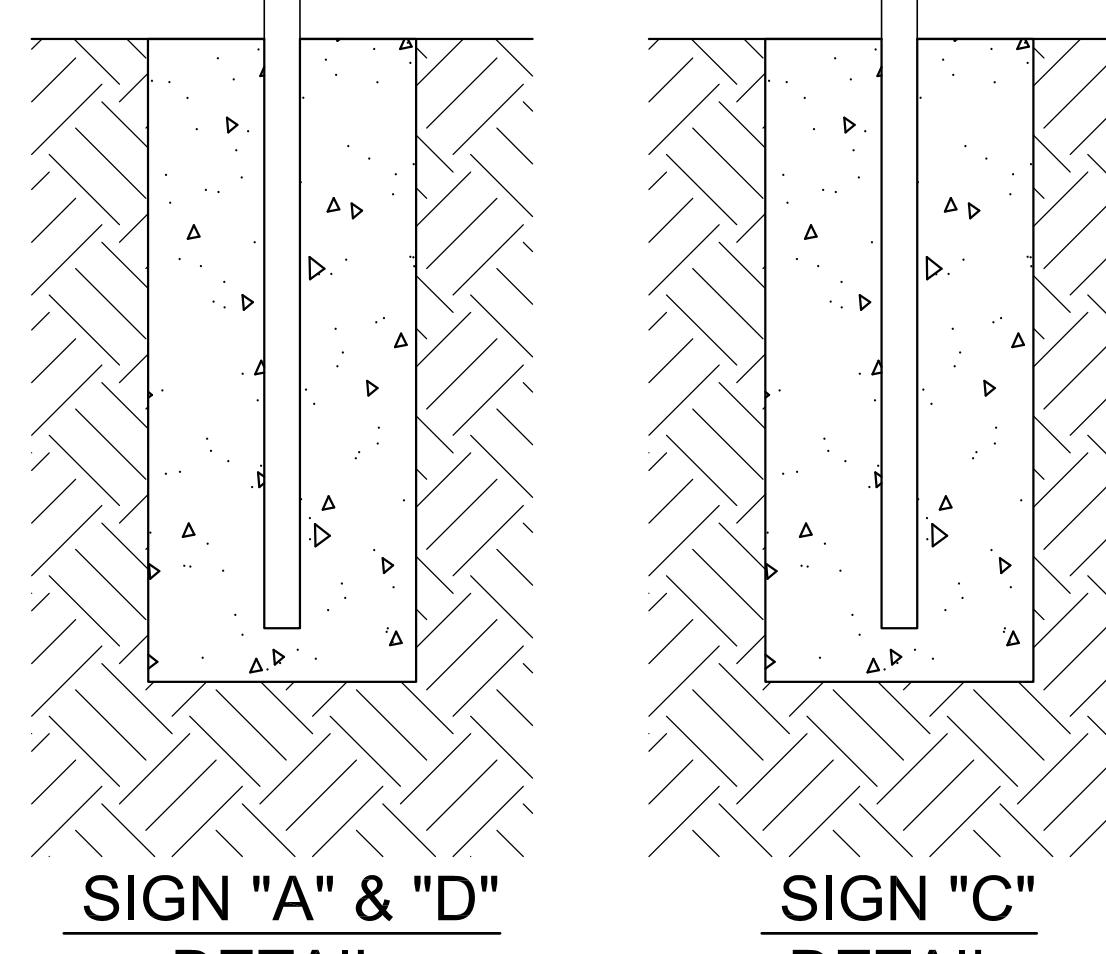
When a manatee is within 50 feet of work all in-water activities must

SHUT DOWN

Report any collision with or injury to a manatee:
Wildlife Alert:
1-888-404-FWCC(3922)
cell *FWC or #FWC

NOTE:
SIGNAGE "D" IS FOR TEMPORARY PLACEMENT DURING ANY CONSTRUCTION ACTIVITY AROUND THE WATER FRONT. IT SHALL BE PLACED NEAR DREDGE, TUGBOAT AND WORK BOAT OPERATORS.

SIGN "F"
6" x 1'-0"



SIGN "F" DETAIL

SIGN "C" DETAIL



SIGN "E"

18'H x 12'W