

BID PLANS FOR

POND APPLE PARK POST HURRICANE IAN POND BANK RESTORATION

AUGUST 2025 LOCATED IN SECTION 19, TOWNSHIP 46, RANGE 23W LEE COUNTY, FL

PROJECT TEAM

APPLICANT: CITY OF SANIBEL PHONE:(239) 472-6397

ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC. PHONE: (239) 829-4656 CONTACT: ALYSSA FORD, P.E.

UTILITIES PROVIDING SERVICE

THE ISLAND WATER ASSOCIATION, INC. SANIBEL, FL 33957

PHONE: (239) 472-1502

SANIBEL SEWER SYSTEM 800 DUNLOP RD, SANIBEL, FL 33957

LEE COUNTY ELECTRIC COOPERATIVE (LCEC) PHONE: (239) 656-2300

FIRE SANIBEL FIRE DEPARTMENT STATION 171 2351 PALM RIDGE RD, SANIBEL, FL 33957

PHONE: (239) 472-5525

<u>GAS</u> TECO PEOPLES GAS - FT. MYERS TAMPA, FL 33619 PHONE: (813) 275-3783

> TELEPHONE CENTURY LINK P.O. BOX 307884, TAMPA, FL 33630-3784 PHONE: (239) 335-311

8061 DANI DR, SUITE 120 FORT MYERS, FL 33966 PHONE: (800) 266-2278

WASTE PRO 13110 RICKENBACKER PKWY, FORT MYERS, FL 33913

PHONE: (239) 337-0800



PROPERTY INFORMATION STRAP # 194623T3000070030 ZONING COS



SUNSHINE STATE ONE CALL OF FLORIDA, INC. 🦘

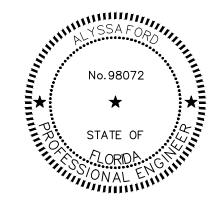
GOVERNING STANDARD SPECIFICATIONS: DIVISION II AND III OF THE FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2025-26 STANDARD SPECIFICATIONS FOR ROAD BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE: HTTP://WWW.FDOT.GOV/PROGRAMMANAGEMEN/IMPLEMENTED/SPECBOOKS

THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE REQUIRED DEWATERING PERMITS. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE ENGINEER PRIOR TO ANY EXCAVATION.



WWW.KIMLEY-HORN.COM REGISTRY No. 35106

SHEET INDEX

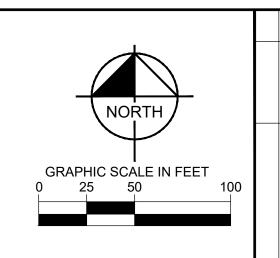


THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY: ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY KIMLEY-HORN AND ASSOCIATES, INC. 1514 BROADWAY, SUITE 301, FORT MYERS, FL 33901 239-271-2650 REGISTRY NO. 35106

ALYSSA FORD, P.E. NO. 98072

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C. SHEETS C-00, C-01, C-02





LEGEND

ESTIMATED LIMITS OF POND BANK RESTORATION

PROPOSED FENCE REINSTALLMENT _____ EXISTING FENCE TO REMAIN

OF BANK

OF WATER EXSITING PIPE

ILLUSTRATIVE PURPOSES ONLY, ACTUAL HATCH PATTERNS ON DRAWING MAY VARY IN SCALE, ANGLE & COLOR.

EXISTING TOP ESTIMATED EDGE

* HATCH PATTERNS ARE FOR

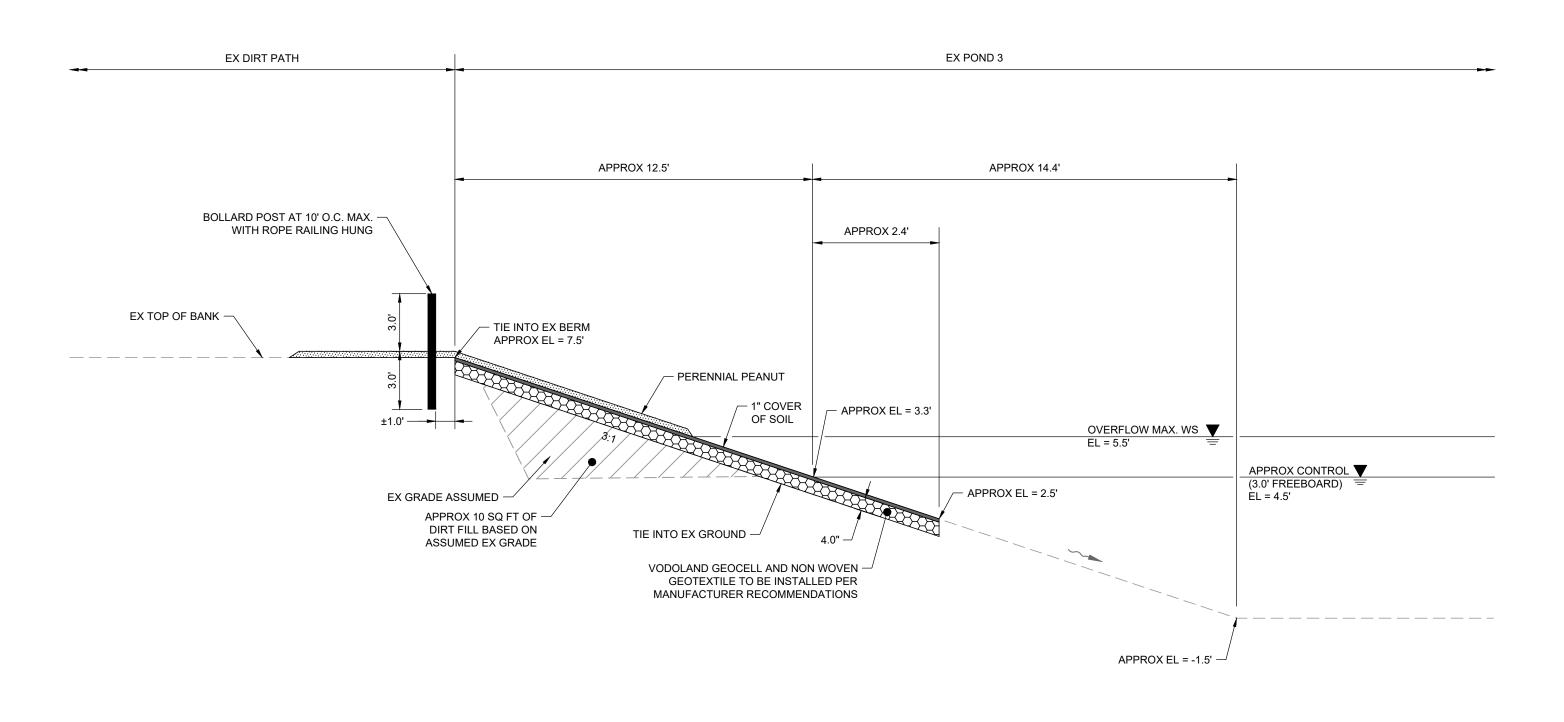
NOTES:
DEWATERING WILL BE COMPLETED
UNDER THE GENERAL PERMIT BY RULE.

IF BUDGET REMAINS, ADDITIONAL POND BANK CAN BE RESTORED.

EXISTING PIPE LOCATIONS ESTIMATED BASED ON BOYLE ENGINEERING CORPORATION'S EXISTING DUNES PONDS SITE PLAN.

CONTRACTOR SHALL VERIFY PIPE LOCATIONS AS NEEDED.

SHEET NUMBER C-01



SECTION A-A

<u>PAY ITEM NOTES:</u> 1. 120-1:

ONCE EMBANKMENT IS COMPLETE, CONTRACTOR WILL EXCAVATE A 5" DEPTH OF SOIL FROM THE REGRADED POND BANK TO INSTALL THE GEOCELL SYSTEM FLUSH WITH THE BANK.

POND 3 EMBANKMENT WILL BE COMPLETED WITH AVAILABLE SOIL WITHIN POND 3. IF ADDITIONAL MATERIAL IS NEEDED, IT CAN BE EXCAVATED FROM PONDS 1 AND 2.

3. 145-1: CONTRACTOR SHALL USE VODALAND CELLULAR CONFINEMENT SYSTEM: GEOCELL OR EQUIVALENT.

CONTRACTOR SHALL USE ROLLED MATS OF PERENNIAL PEANUT.

NON WOVEN GEOTEXTILE TO BE INSTALLED BELOW VODALAND GEOCELL.

REMOVE, PROTECT, AND REINSTALL EXISTING ROPE AND POST AT 10' O.C.

7. 999-98: CONTRACTOR TO FURNISH, INSTALL, AND OPERATE TEMPORARY IRRIGATION BYPASS PUMPING SYSTEM TO SUPPLY IRRIGATION WATER FROM POND 2 TO THE DUNES GOLF AND TENNIS CLUB IRRIGATION PUMP STATION AT A MAXIMUM FLOW RATE OF 1,100 GALLONS PER MINUTE (GPM).

8. 999-99: CONTRACTOR WILL BE REQUIRED TO COMPLETE A TOPOGRAPHIC SURVEY FOR POND 3 INCLUDING TOP OF BANKS, SLOPE BREAKS, AND TOE OF SLOPE PRIOR TO BEGINNING CONSTRUCTION.

CONSTRUCTION NOTES: CONTRACTOR MUST VERIFY EXISTING CONDITIONS INCLUDING LOCATION OF EXISTING PIPES BEFORE BEGINNING EXCAVATION.

IT IS ANTICIPATED THAT CONTRACTOR WILL DEWATER FROM POND 3 TO POND 2. MITIGATION ASSUMED FROM VISIBLE CONTRACTOR TO PROVIDE DEWATERING INSPECTION. THESE CONDITIONS AND PLAN, FURNISH, INSTALL, AND OPERATE THE ASSOCIATED AMOUNT OF FILL TO BE ANY REQUIRED DEWATERING SYSTEMS.

EXISTING NOTES: EXISTING GROUND ELEVATIONS SHOWN ON CROSS SECTION ARE APPROXIMATED FROM DIGITAL ELEVATION MODEL (DEM), EXISTING DUNES PONDS SITE PLAN, DRAWN BY BOYLE ENGINEERING CORPORATION IN 2005, OR INSPECTION OF VISIBLE POND BANKS. CROSS SECTION WILL VARY THROUGHOUT THE PONDS.

ALL ELEVATIONS ARE SHOWN IN NAVD88. A CONVERSION FACTOR OF -1.175 WAS USED TO CONVERT FROM NGVD29 ELEVATIONS PROVIDED IN BOYLE ENGINEERING CORPORATION PLANS WHERE NECESSARY.

EXISTING GRADES ASSUMED. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO RESTORING POND 3 BANKS.

EXISTING BANK GRADES REQUIRING VERIFIED BY CONTRACTOR.

POND APPLE PARK POST HURRICANE IAN POND BANK RESTORATION PREPARED FOR CITY OF SANIBEL

SHEET NUMBER C-02