

DEPARTMENT OF THE ARMY

CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
TAMPA PERMITS SECTION
10117 PRINCESS PALM AVE, SUITE 120
TAMPA, FLORIDA 33610-8302

REPLY TO ATTENTION OF

August 21, 2019

Regulatory Division West Permits Branch Tampa Permits Section SAJ-2019-02720 (RP-KRD)

Mr. Dennis Simpson Pinellas County 14 S. Ft. Harrison Avenue Clearwater, Florida 33756

Sent via Email: dsimpson@pinellascounty.org

Dear Mr. Simpson:

The U.S. Army Corps of Engineers (Corps) has completed reviewed of your application for a Department of the Army (DA) permit, which the Corps received on July 29, 2019 and assigned DA file number SAJ-2019-02720 (NW-KRD). A review of the information and drawings provided indicates that the proposed work would result in the removal of the existing 20-inch reclaimed water main attached to the FDOT/SR-693 southbound bridge and installation of a new 24-inch HDPE pipe via HDD under Boca Ciega Bay between the SR-693/Pasadena Avenue South bridges, in Section 36, Township 31 South, Range 15 East, South Pasadena, Pinellas County, Florida. Approximate center coordinates: Latitude 27.751287 and Longitude -82.740784.

You are authorized to conduct the work as described above and as depicted on the enclosed drawings (Enclosure 1) by Regional General Permit (GP) SAJ-14 - *Subaqueous Utility and Transmission Lines in Florida*. You must ensure that the work is performed in accordance with the SAJ-14 Special Conditions (Enclosure 2) and the Project-Specific Special Conditions listed below or you may be subject to enforcement action. This DA permit authorization is being issued pursuant to Section 10 of the Rivers and Harbors Act of 1899 (Section 10). Section 10 requires prior authorization for structures and work in, over, under, and affecting navigable waters. This authorization is valid until **February 22, 2024**.

You can also access the Corps' Regulatory webpage to view the special and general conditions for SAJ-14, which apply specifically to this authorization. The website address is as follows: http://www.saj.usace.army.mil/Missions/Regulatory/SourceBook.aspx. Please be aware this web address is case sensitive and should be entered as it appears above. Once there you will need to click on "General Permits." Then you can click on the specific SAJ permit.

Project Specific Special Conditions:

The following project specific special conditions are included with this verification:

1. Reporting Addresses: The Permittee shall submit all reports, notifications, documentation and correspondence required by the general and special conditions of this permit to the following address:

- **a.** For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Special Projects & Enforcement Branch, Tampa Office (ATTN: Tracy Hurst), 10117 Princess Palm Avenue, Suite 120, Tampa, Florida 33610-8302.
- b. For electronic mail: <u>SAJ-RD-Enforcement@usace.army.mil</u> (not to exceed 10 MB). To submit files larger than 10MB, contact the Corps to obtain a code/link to our Secure Access File Exchange. Once you have received your code, go to https://safe.apps.mil/ to "Drop-off" (upload) your file. The Permittee shall reference this DA permit number, SAJ-2019-00688, on all submittals.
- 2. Commencement Notification: Within ten (10) days from the date of initiating the work authorized by this permit the Permittee shall provide a written notification of the date of commencement of authorized work to the Corps at the address provided in Project Specific Special Condition #1.
- 3. As-Built Certification: You must provide the required as-built certification and plans as specified in Regional General Permit (GP) SAJ-14 Special Condition #34 (Enclosure 2). Submit the as-built certification (Enclosure 3) and plans to at the email address provided in Project Special Condition #1 above.
- **4. Authorized Depth:** All subaqueous utility and/or transmission lines authorized by this regional general permit must be installed a minimum of 14 feet below the authorized depth of any federally-maintained shallow draft navigation channel it crosses. The 14-foot criterion applies to the entire authorized width of the channel, plus a minimum of 25 feet outside the channel edges to allow for maintenance of the side slopes.
- **5. Manatee Conditions:** The Permittee shall comply with the 2013 *Standard Manatee Conditions for In-Water Work* provided as an attachment to this permit (Enclosure 2).
- 6. National Marine Fisheries Service's Jacksonville District's Programmatic Biological Opinion (JAXBO) Project Design Criteria (PDC) Conditions: The permittee shall comply with the following PDCs and special conditions to ensure the project does not have an adverse impact on listed species protected under Section 7 of the Endangered Species Act.
 - a. Project Design Criteria (PDCs) for In-Water Activities: The Permittee shall comply with National Marine Fisheries Service's "PDCs for In-Water Activities" dated November 20, 2017 (Figure 3 in Enclosure 2).
- 7. Frac-Out Contingency Plan: The Permittee shall comply with the Frac-out contingency plan (Enclosure 1). In the event of a frac-out, the permittee shall notify the Corps within 48 hours of the incident. Notification shall include the time/location of the frac-out, an estimate of the area/volume of the discharge, and a description of impacts to aquatic resources, e.g., seagrass, mangrove, hard bottom. Additionally, the notification shall include measures being taken to contain the discharge and protect aquatic resources. Drilling mud (fluid) discharged as a result of the Frac-out shall be removed from Corps

jurisdictional waters and wetlands, and the area restored to pre-impact conditions to the extent determined to be practicable by the Corps.

- 8. Posting of Permit: The Permittee shall ensure that all contractors, subcontractors, and entities associated with the implementation of the project review, understand, and comply with the approved plans and special conditions made part of this permit. The Permittee shall inform all parties associated with the activity of the construction area boundaries and the location of adjacent wetlands to be avoided. Complete copies of the permit and approved plans shall be available at the construction site at all times. Failure to comply with the approved plans and permit special conditions may subject the Permittee to enforcement action.
- **9. Regulatory Agency Changes/Approvals:** Should any other agency require and/or approve changes to the work authorized or obligated by this permit, the Permittee is advised a modification to this permit instrument is required prior to initiation of those changes. It is the Permittee's responsibility to request a modification of this permit from the Tampa Permits Section. The Corps reserves the right to fully evaluate, amend, and approve or deny the request for modification of this permit.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. Prior to the initiation of any construction, projects qualifying for this Nationwide permit must qualify for an exemption under section 403.813(1), Florida Statutes or 373.406, Florida Statutes, or otherwise be authorized by the applicable permit required under Part IV of Chapter 373, Florida Statutes, by the Department of Environmental Protection, a water management district under section 373.069, Florida Statutes, or a local government with delegated authority under section 373.441, Florida Statutes, and receive Water Quality Certification and applicable Coastal Zone Consistency Concurrence or waiver thereto, as well as any authorizations required for the use of state-owned submerged lands under Chapter 253, Florida Statutes, and, as applicable, Chapter 258, Florida Statutes. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

This letter of authorization does not include conditions that would prevent the 'take' of a state-listed fish or wildlife species. These species are protected under sec. 379.411, Florida Statutes, and listed under Rule 68A-27, Florida Administrative Code. With regard to fish and wildlife species designated as species of special concern or threatened by the State of Florida, you are responsible for coordinating directly with the Florida Fish and Wildlife Conservation Commission (FWC). You can visit the FWC license and permitting webpage (http://www.myfwc.com/license/wildlife/) for more information, including a list of those fish and wildlife species designated as species of special concern or threatened. The Florida Natural Areas Inventory (http://www.fnai.org/) also maintains updated lists, by county, of documented occurrences of those species.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that

issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to complete our automated Customer Service Survey at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey. Please be aware this Internet address is case sensitive; and, you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Should you have any questions related to this NWP verification or have issues accessing the documents reference in this letter, please contact me via telephone at (813) 769-7076 or via e-mail at Katy.R.Damico@usace.army.mil.

Sincerely,

Katy R. Damico Project Manager

Tampa Permits Section

Enclosures

Cc (via email):

Kevin Gerszuny, Kimley-Horn, Kevin.Gerszuny@kimley-horn.com

GENERAL CONDITIONS 33 CFR PART 320-330

- 1. The time limit for completing the work authorized ends on **February 22, 2024**.
- 2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
- 3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort of if the site is eligible for listing in the National Register of Historic Places.
- 4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
- 5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit.
- 6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

DA PERMIT NUMBER: SAJ-2019-02720 (RP-KRD)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019.

(TRANSFEREE-SIGNATURE)	(SUBDIVISION)
(DATE)	(LOT) (BLOCK)
(NAME-PRINTED)	(STREET ADDRESS)
(MAILING ADDRESS)	
(CITY, STATE, ZIP CODE)	

SOUTH PASADENA RECLAIMED WATER MAIN RELOCATION 90% DESIGN

PINELLAS COUNTY

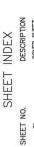
LOCATION MAP

PID 2936B

SHEET NO.

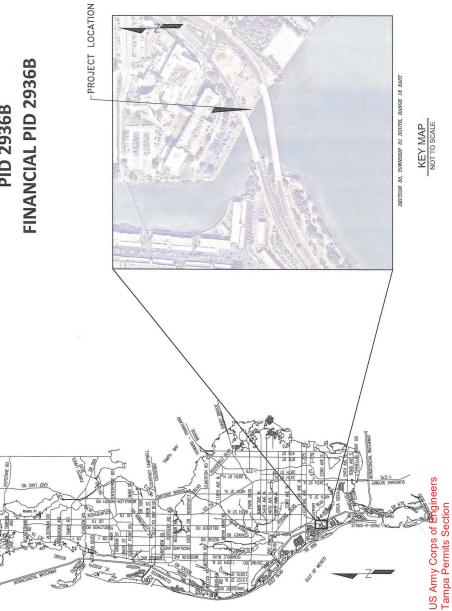
PROJECT MANAGER: DENNIS SIMPSON, P.E. 727-464-4223

14 SOUTH FORT HARRISON AVENUE CLEARWATER, FLORIDA 33756 PHONE: (727)464—3588 PINELLAS COUNTY



COVER SHEET
GENERAL NOTES
PLAN & PROFILE
DETAILS SHEET INDEX 02 - 04 05 - 06 07 - 09





KEY MAP NOT TO SCALE

Received by CESAJ-RD-WT/KRD Date: August 15, 2019

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PPORT FOR UTILITY POLES WHERE CONSTRUCTION SUPPORT, CONTRACTOR SHALL COORDINATE WITH THE AS NECESSARY FOR CONSTRUCTION OF FACILITIES.

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ILITIES SHALL BE BROUGHT TO THE COUNTY TELY.

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ALL STATIONS AND OFFSETS REFER TO CONSTRUCTION REFERENCE OTHERMSE NOTED.

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA. 19.

2 THE CONTRACTOR SHALL FIELD VERIFY ANY AND ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER PROMPILY OF ANY DISCREPANCIES. 20.

THE CONSTRUCTION LENGTHS INDICATED IN THESE PLANS ARE APPROXIMATE, ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER. 21.

ABBREVIATIONS USED IN PINELLAS COUNTY SURVEYS AND PLANS SHALL BE IN ACCORDANCE WITH FDOT INDEX 001, UNLESS OTHERWISE NOTED. 22.

LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION ANALIABLE AT THE THESE DRAWINGS WERE PREPARED, BUT DO NOT PURPORT TO BE ABSOLUTELY OCCOPRECT. THE INDICATED LOCATION OF UNDERSROUND UTILITIES, STRUCTURES, AND FACILITIES, AND RECORDS. THE OWNTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT SIZE, LOCATION, DEPTH, HEIGHT, ELEVATOR, DIMENSION, AND EXTENT OF ALL UNDERSROUND AND OVERHEAD FACILITIES AND OTHER PEATURES AFFECTIVE THE WORK PRIGHT OF PROCESSIONS WITH ANY CONSTRUCTION ACTIVITY. THAT MAY AFFECT SLICH FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FALLINES. TO COMPLY, WITH THESE INSTRUCTIONS. 23.

THE CONTRACTOR MUST COORDINATE THE RELOCATION OF ALL WATER, SANITARY SEWER, OR OTHER UTILITIES WITH THE OWNER. 24.

THE CONTRACTOR MUST USE EXTREME CARE IN THE INSTALLATION OF STRUCTURES AND PIPING, DUE TO THE CLOSE PROXIMITY OF OVERHEAD AND UNDERGROUND POWER LINES. 25.

THE LOCATION AND ELEVATION OF THE PROPOSED AMENTERS. AS SHOWN ON THE PLANS, IS FOR GAPHELIA ORBITANINO HAPROSED SHOULY COLLING OF THE PROPOSED AMENTERS IS TO BE DETERMINED IN THE FIELD UTILIZING THE MINIMUM STANDARDS DEPOTED ON THE PLANS AND THE EASING TOPOGRAPHY AND PHYSIOLAL FATURES FOUND IN THE FIELD. THE CONTRACTOR SHALL OFFINIA PROPOVAL FROM THE PRIED. THE CONTRACTOR SHALL OFFINIA PROPOVAL FROM THE PRIEDLA COMPANY INSPECTOR PRIEDLA LYOUT PROPOSED PRIOR TO GROEFINIG FATURES AND ARRANGEMENT OF WORK. 26.

SEPARATE PAYMENT SHALL BE MADE ONLY FOR HEI TENS OF WORK LISTED AND IDENTIFIED BY THE APPROPRIATE PAY TIEM ON HIF BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONNEDSED TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPROPRIATE BID TEN. 27.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO PHIELLAS COUNTY CODE, CHAPITER 59, ENVIRONMENT, ARTICLE XII — NOISE, SECTION 564-441 THROUGH 564-454. 28.

THE CONTRACTOR SALEL HARE A SUPPRINCIPIONEN FOR SIZE AT ALL TIMES WHEN WORN IS BEING PREVENDED. ALL WERENEN WILL GO STITE WILL BE COUNTRACTORS TO THE PUBLIC AST ALL THINGS, AND SHALL REFER ANY QUISTIONS OR CONCERNS TO THE CONTRACTORS SUPERINTENENT OF THE COUNTRACTORS. THE SUPPRINCIPIONENT SHALL SIZEAK AND UNDERSTAND ENGLISH AND SHALL BE ANALLABLE AT ALL TIMES FOR TIMES FOR TIMES RESOLUTION OF PROJECT HEATED ISSUES THE CONTRACTOR MUST PROVIDE A 24 HOUR EMERGENCY PHORE NUMBER TO THE COUNTY INSPECTOR. 29.

THE CONTRACTOR IS RESPONSIBLE TO PRACTICE AND ENFORCE ALL LOCAL AND STATE JOB AND CONSTRUCTION SAFETY LAWS AND REGULATIONS, ESPECIALLY OSHA, WITH REGARDS TO CONSTRUCTION PRACTICES AND PROCEDURES. ANY VIOLATION OF THESE LAWS WILL BE REPORTED TO THE AUTHORITIES. 30.



DRAWN REV. BY **US Army Corps of Engineers** NO. DATE RESCRIPTIONED BY CESA.I-RD Tampa Permits Section

Pinellas County BDD KEG

SOUTH PASADENA RECLAIMED WATER MAIN RELOCATION PROJECT:

GENERAL NOTES DESCRIPTION:

14 S. FT. HARRISON AVE. CLEARWATER, FL 33756 UTILITIES

2936B 8/15/19

PROJECT NO.

02 OF

SHEET:

Date: August 15, 2019

ENCLOSURE SAJ-2019-02720 -

RELATED STANDARDS AND SPECIFICATIONS:

- U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION (FHWA) "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", 2009.
- FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" DIVISION II & III L'REST EDITION AND ALL SUPPLEMENTAL STANDARDS THERETO.
- STATE OF FLORIDA "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS", 2009 ("GREEN BOOK"). 0-3
- FLORIDA DEPARTMENT OF TRANSPORTATION "DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON T STATE HIGHWAY SYSTEM" 2012.
 - FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL, 2008. 0-5

9-0

AND

- PINELLAS COUNTY PUBLIC WORKS "STANDARD TECHNICAL SPECIALIST EDITOR AND THE AND STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER REVIEWER MANUAL, LATEST EDITION. 1-0
- PINELLAS COUNTY "STANDARD ENGINEERING DETAILS", LATEST EDITION AVAILABLE ON-LINE (http://www.pinelloscounty.org/technical). D-8 6-0
- D—10 PINELLAS COUNTY UTILITES "MATERIAL SPECIFICATION MANUAL", LATEST EDITION AMILABLE ON-LINE (Rttp://www.pineliasocunty.org/technical/pdf/material-spec-manual.pdf) PINELAS COUNTY STANDARD TECHNICAL SPECIFICATIONS FOR UTILITIES AND RELATED CONSTRUCTION, LATEST EDITION AVAILABLE ONLINE THEY //www.pinellascounty.org/utilites/pdf/eng_tech_specs.pdf)
- PINELLAS COUNTY "SPECIFICATIONS FOR HOT BITUMINOUS MIXTURES, PLANT METHODS, EQUIPMENT AND CONSTRUCTION METHODS, 2013. D-11
- NOTE: PROVISIONS OF DOCUMENT D-11 SHALL SUPERSEDE CORRESPONDING PROVISIONS OF DOCUMENT D-2 WITH RESPECT TO OPERATION AND TESTING.

EXCAVATION AND GRADING

Z ALL SUB-BASES SHALL BE GOOD, CLEAN, ACCEPTABLE MATERIAL COMPACTED TO MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99, ACCORDANCE WITH FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

K:\STP_CWI\145120 - Pinellas Co. Utilities\018 - South Pasadena Recialmed Water Main Relocation\CADD\Plansheeta\GENERAL WOTES.dwg, Aug 15, 2019 - 12:51pm

- FINAL GROUND COME TOOR ALL AFEAS OF EXPORED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE SODDED AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. SEEDING SHALL NOT BE USED AS THALL ROUND COME EXCEPT WHERE SPECIFICALLY SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BACKFILL AREAS TO BE SODDED WITH CLEAN FILL TO MANTAIN PROPER GRADE OF PLANTING AREAS, AND THE SOD SHALL BE PROPERLY CUT-IN AND TAMPED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SODDING (SY).
- SOD STABILIZATION SHALL OCCUR IMMEDIATELY AFTER ACHIEVING FINAL ROADE. A SOPE STREPER THAN 3:1 SHALL INCLUDE SOD STAPLING OR STAANING, THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR SODDING (SY).
- THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING RECUURED TO PROPECT ADARDST STRUCHORES AND ULILITIES, OR TO MINIMIZE TRENCH WITH. THE COST OF ALL SHETING, SHORING, AND BRACING RECUIRED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS RECUIRED.
- UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF-SITE, AT A SUITABLE SITE PROWDED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE

RESPONSIBLE FOR ANY AND ALL PERMITS AND PERMITTING FEES REQUIRED FOR THE TRANSPORT AND DISOSAL OF UNSUITABLE MATERIAL, NO ADDITIONAL, PAYMENT WILL BE MADE FOR UNSUITABLE MATERIAL UNLESS A SPECIFIC PAY ITEM IS PROVIDED IN THE CONTRACT.

- ALL EXCESS EXCAVATED SUITABLE AND UNSUITABLE MATERIAL NOT CALAMED WITH THE PORPORTY OF THE CONTRACTOR, AND SHALL BECOBED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THE COST FOR DISPOSAL, HAULING, AND OTHER COSTS INCURRED SHALL BE INCUIDED IN THE UNIT PRICE BIP FOR GRADING (LUMP SUM).
- BORROW MATERIAL REQUIRED FOR CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR FROM BORROW AREAS PROVIDED BY THE CONTRACTOR.
- ENCEPT FOR THE COST OF EXCAVATING USUSUFAGE ANTERIAL AND THE COST OF FINANSHING PLACING. ENCANARACI FINES FOR GRADING SHALL UNSUITABLE MATERIAL. THE CONTRACT PRICE FOR GRADING SHALL UNCLUDE THE COST OF ALL BRIANNESHET AND ESCAVATION, GRADED CONNECTIONS, FINAL DRESSING, AND SIMILAR EXPRINED FOR THE COMPLETION OF THE PROJECT, UNLESS OTHERWISE DIRECTIO BY THE BINGHER. 6
- 10. ANY GRADING OR CONSTRUCTION DEPICTED ON THE PLANS BEYOND THE RIGHT-GE-MAY AND WITHIN THE LIMIS OF CONSTRUCTION IS TO BE PERFORAND ONLY AFTER RECEIPT OF PERMISSION FROM THE PROPERTY OWNER THROUGH A RIGHT OF ENTITY AGREEMENT AND/OR A SIDEMALK, UTILITY, OR DRANIAGE RESEMENT. ONLY AFTER NOTIFICATION BY THE ENGINEER THAT THE AGREEMENT/CREAMENT HAS BEEN GOTAINED SHALL THE CONTRACTOR CONSTRUCT WITHIN THIS AREA. SHOULD THE ENGINEER FAIL TO GRIAN THE PROPER ALMORIZATION THE CONTRACTOR CONTRACTOR CONTRACTOR OF ALL MODIFY THE CONSTRUCTION LIMITS. AS DIRECTED BY THE CHARGES, IN ORDER TO KEEP WITHIN THE EXISTING RIGHT-OF—WAY. 10.

SIDEWALK AND DRIVEWAY RESTORATION

- ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURE. TOPS THAT WILL BE EXPOSED WITHIN ANY SIDEMALK OR PAYED MAEA FRALL BE CAUSINED SO THAN THE TOP SURFACE OF COVERS OR FRAMES SHALL BE FLUSH WITH THE SIDEMALK OR PAYBENT SURFACE. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURE TOPS THAT WILL BE EXPOSED WITHIN UNPAYED SHEALS SUBJECT TO VEHICLAR PROTICEL, OF PEDESTRAN TRAFFES SHALL BE NAUSTED SO THAT THE TOP SURFACE OR COVERS OR FRAMES SHALL BE NO MORE THAN ONE INCHARD AROVE THE INSHED GRADE. WHERE SODDING IS APPLIED, FRINSHED GRADE. SHALL BE THE NOMINIAL HEIGHT OF GRASS AFTER THE SOO IS FIRMLY PLACED.
- ANY PRIVATELY OWED FEATURES LOCATED ON PRIVATE PROPERTY AND OUTSIDE. THE DESTOAKTED RARE AF CONSTRUCTION DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN A TIMELY MANNER, AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS MECESSARY FOR CONSTRUCTION. NO DEPLE EGGANG THE RECKY, OR OFFICE OFFICIALLY WAS SITES WHAT BE COMPLETELY RESCRIPED WITHIN SEVEN (7) SALEDDAR DAYS OF THE CONCRETE POUR FOR SIDEMALK. THE INTERT OF THIS PROVISION IS TO "SAFE UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEFINS.
- SIDEWALK RAME BE CONSTRUCTED ACCORDING TO FDOT INDEX 31G, AND SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO FDOT INDEX 304, UNLESS A SEPARATE DETALL IS PROVIDED. SIDEWALK RAMPS SHALL BE CONSTRUCTED TO A MINIMUM HIGHNESS OF SIX (6) INOHES AND SHALL BE REINFORCED WITH ETHEN WELDED WRFE FABRIC OR PENFORCED WRFE THEN ON THE PLANS OR AS APPROVED BY THE ENVIRENCE HIGH CONTRACTOR MILL INSTALL AN EXPANSION JOINT AT EACH EDU OF A CURR GLOT WILL INSTALL AN EXPANSION JOINT AT EACH EDU OF A CURB GLOT.
- THE CONTRACTOR WILL REQUEST A PRE—POUR INSPECTION BY THE DESIGNATIO COUNTY INSPECTIOR. THE CONTRACTOR SHALL NOT POUR ANY SIDEMALK OR SIDEMALK RAMP CONCRETE UNTIL IT PASSES A PYRE—POUR INSPECTION A PROPECTOR THAT ALL DE—ROOTING AND CLEARNO RESPECTOR ADDRESS A A PREPARED BY A COORDANACE WITH THIS SPECTICATION, TO VERIFY THAT ALL FORM WORK IS SUFFICIENT, AND THAT THE SUBGRACE IS CUT TO THE PROPER DEPTH AND COMPANIED PROPERLY, WORK NOT IN

ACCORDANCE WITH A COUNTY "POST-POUR" INSPECTION MAY REQUIRE THE COMPLETE REMOVE, OF RELECTION WORK OR RESULT IN A REDUCED PAYMENT OF THE DELIVERABLE. THE PRE-POUN INSPECTION APPROVING SHALL NOT RELEASE THE CONTRACTOR FROM THE RESPONSIBILITY OF COMPLETING ALL WORK IN ACCORDANCE WITH PANS AND SPECIFICATIONS OF DIRECTIONS OF THE ENGINEER.

- THE CONTRACTOR SHALL REMOVE AND DISPOSE, IN AREAS PROVIDED THE CONTRACTOR, ALL EXCESS CONCRETE BYPRODUCTS (CURB, SIDEWALK, ETG.)
- ALL SIDEWALK DAMAGED BY THE CONTRACTOR OR SUBCONTRACTORS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, AT THE DIRECTION OF THE ENGINEER.
- SIDEWALK CURB RAMPS SHALL BE PAID FOR AS DEFINED BY FDOT "DESIGN STANDARDS" INDEX 304 (FROM BACK OF CURB TO THE LANDING, INCLUDING CURB AND TACTILE PAD.)

EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED. PRELOCATED, OR ADJUSTED BY THEN CONNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE THEIR SCHEDULE TO ALLOW UTILITY OWNERS THE FOR THE NECESSARY RELOCATION AND ADJUSTNENT OF UTILITIES AND RELUES SHALL SHOUTHON TO ALLOW UTILITY OWNERS HANDED SHALLOWED BUT NOT LIMITED TO THE POLLOWING LINES AND ADJUSTNENT OF ADJUSTNESS THE OWNERS HANDED THE POLLOWING THE SAND FAULTIES ARE INCLUDED BUT NOT LIMITED TO THE POLLOWING.

FRONTIER COMMUNICATIONS
KNOLOCY REPOZDADNO PEDRIDA
PINELLAS COUNTY UTILITES
TECO PEDELES GAS, ST. PETERSBURG
PINELLAS COUNTY HIGHWAY ENGINEERING
CHARTER COMMUNICATIONS
LIFEL S COMMUNICATIONS
UNIT PREER

- 2. ABOVE GROUND AND/OR UNDERGROUND UTILLITES MAY BE IN THE AREA OF THIS PROCECT PROCEDU WITH CANDING THE CONTRACTOR SHALL CALL "SUNSHINE STATE ONE CALL" AND THE UTILITY OWNERS IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CAMPETER 556, FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PRECNATION & SAFETY. ALL UTILLY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTRACTOR STATUT LITRIFIES COORDANATE WITH UTILLY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR MAY MED RESOLVED STATE OF ANY UTILLIES DAMAGED AS A RESULT OF THE CONTRACTOR STATE OF THE CONTRACTOR STATE OF THE CONTRACTOR TO THE C
- THE CONTRACTOR IS REQUIRED TO COORDINATE AND/OR PROVIDE FOR THE BRACING/SUPPORT OF EXISTING UTILLTY POLES WITH THE UTILLTY OWNERS, PRIOR TO THE COMMENCEMENT OF EXCAVATION/CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL PROVIDE THEACHAPY FACULTIES AS RECURED TO ISOLATE PHELINES INSTALLED UNDER THIS CONTRACT FOR THE PERFORMANCE OF TESTING UNDER THIS CONTRACT. LIKEMSE, PROVIDE TIMOPROMEN ACQUITES A REQUIRED TO MAINTAIN WASTEWATER SERVICE THROUGHOUT THE CONSTRUCTION PERIODS. 4
- AL EXSTING WATER MAINS, SANITARY SEVER LINES, WAITER/SEVER PUBLY STATUS AND OTHER UTILITIES SHALL REMAIN IN SERVICE UNILITIES HELICATED UNILITY REALIZED CONSTRUCTION ACTIVITIES WITH THE OWNER OF THESE UTILITYS.
- ALL CONSTRUCTION WITHIN THE RIGHT-OF-WAY WILL BE IN ACCORDANCE WITH THE PRACTICES REQUISITEDS COUNTY LAND DISCLED-MENT CODE, CHAPTER 170, ARTIGLE V, SECTION 170-286 HROUGH 170-276, ALONG WITH THE FDOT UTILITY ACCOMMODATION
- CONTRACTOR WIL NOTIFY THE RESPONSIBLE UTILITY FOR RELOCATION METER BOXES FOR DRINKING WATER AND RECLAIMED WATER SERVICES.



UTILITIES

August 15, 2019

JS Army Corps of Engineers

Tampa Permits Section

PROJECT: Pinellas County

QQB WWW KEG

> CHECKED DRAWN REV. BY

RECLAIMED WATER MAIN SOUTH PASADENA RELOCATION

GENERAL DESCRIPTION:

14 S. FT. HARRISON AVE. CLEARWATER, FL 33756

PROJECT NO. SHEET:

2936E 8/15/1

03 OF

Date:

ABATEMENT OF CONTROL PREVENTION. POLLUTION

IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL, AND PREPERTY BENCISION AND THE TRANSPORTATION OF SEDIMENT TO SURFACE DIABNIS AND PLANS, LESTIM, SERVED RESTS AREAS TO CONSTRUCTION PLANS, SPECIFICATIONS AND APPROVED FERMITS TO POLIZALIS. THE SERVENTY OF THE SERVENTY OF THE STAND STAND THE THE HEIGHT ON AN ENGOING DEPOCKATION THE THE HEIGHT ON AN ENGOING DAVIGE OR AS DIRECTED BY THE ENGINEER.

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- DURING "HE CONSTRUCTION OF DAMAGES ERRICUTES, AND OTHER PREPARED BANDES AND THERE STRUCTURES REQUIRING EXCAMPION, THE CONFRACTOR SHALL PLACE APPROVED BARRIERS NO HOURS AUTHOR PROPEND BANDES AROUN SUCH PROPINTS OUTSIDE THE CONFRINCTION AND THE MIGRATION OF SERVINES OF OTHER APPROVED DAMERIES OR OTHER APPROVED DAMERIES OF OTHER STRUCTURES AND THE MIGRATION ACCORDANCE WITH REQUIREMENT OF FLORING STRUMENT REGISION AND SEDIMENT TOWN CONTROL INSERTING AND STRUMENT CONTROL DESIDENT AND STRUMENT AND STRUMEN
- CONSTRUCTION, FALLINE TO INSTALL OR PROPERLY MAINTAIN REQUIRED RESIDENCY THROUGHOUT CONSTRUCTION, FALLINE TO INSTALL OR PROPERLY MAINTAIN ACQUIRED RECORN CONTROL MELENCY IN INFORCABELIN ACTION, ACQUIRED RESIDENCY OF THE OFFICE SAND, SIT, AND DEBRIS SHALL BE REMOVED RECORN CONTROL MESURES, SAND, SIT, AND DEBRIS SHALL DEPARTMENTION HAS PROMITTED AND PRIOR TO COUNTY INAL MALK-THROUGH, HAS DEBRIS TO COMPLETED AND PRIOR TO COUNTY INAL MALK-THROUGH, 'n
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SILT/TURBIDITY BARRIERS 11 CONTRACTOR AND SEIDMENT RROM THANGE PLACE DUTIDE THE OF CONTROL PROSIDES AND SEIDMENT RROM THANGE PLACE DUTIDE THE OF CONTRACT STORANGE THE SEIDMENT OF LUBIDATS AND SEIDMENTAIN REQUIREMENTS OF FLUBRACT STORANGE THAN SEIDMENT CONTROL DESIGNER AND REQUIREMENT ON THE SEIDMENT CONTROL DESIGNER AND REQUIREMENT THE DUMANDER THAN SEIDMENT THE DURANT THE DURANT THE PROJECT AND SEIDMENT THE DURANT THE SEIDMENT AND SEIDMENT THE DURANT THE REPLACE TO SEIDMENT SEIDMENT THE DURANT OF THE PROJECT AND SEIDMENT SEIDMENT THE DURANT ON THE PROJECT AND SEIDMENT SEIDMENT THE DURANT ON THE PROJECT AND SEIDMENT SEIDMENT SEIDMENT THE DURANT ON THE PROJECT AND SEIDMENT SEIDMENT SEIDMENT THE SEIDMENT SEIDM
 - FOR EROSION CONTROL PLAN — ANY MODIFICATIONS TO THIS PLAN MUST BE SIGNED AND SOLLED BY A PROFESSIONED MENABER PRESENTING THE CONTRACTOR. THESE MODIFICATIONS MIST BE APPROVED BY THE COUNTRY AND THE PRESENTING MESTICS, NO CONTRACT DELAYS WILL BE ALLOWED FOUND IN MODIFICATIONS OR APPROVED.
- - THERES SHALL BE BLACED AT THE BASE OF ANY SLOPE WHERE A PROPOSE SHAPE OF BARROOLD BARROOS AS STORE ANY SLOPE WHERE A PRACTICAL BE DOLLAR STORE AND TRANSPORT SEDIMENTS OFFI-SITE. APPROVED BARRIERS SHALL BE DOUBLE STIKED IN ACCORDANCE OFFI-SITE, APPROVED BARRIERS SHALL BE DOUBLE STIKED IN ACCORDANCE INSPECTION'S CONSIGNATION CONTROL INSPECTION'S MANUAL, 2008, AND STATE OF FLORIBA FROSION AND SEDIMENT CANNOL LATEST EDITION, ANY DAMAGED OR INEFFECTIVE, APPROVED BARRIERS ARE TO BE REPLACED DAMAGED OF INSPECTION OF APPROVED BARRIERS AND STALLARD OF A PROVIDE BARRIERS THE SHALL BE AS DIRECTED BY THE PROJECT BROINERS.
- BACK OF SIDEWALK INLETS OR MEDIAN INLETS THESE SHALL BE FIRE ENTRY OF THE SHALL BE FIRE SHALL BE SHALL SHALL BE SHALL SHALL BE SHALL BE SHALL SHALL BE SHALL BE SHALL BE SHALL SHALL BE SHALL SHA
- STOCKPILED MATERIALS SHALL BE PROTECTED BY COVER, APPROVED BARRIERS OR OTHER APPROVED SEDIMENT CONTROL DEVICES.

6

ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 3 DAYS AFTER k rain event disturbance. 10.

11. SEDMENT TRAPPING MEASURES, SEDMENT BASINS AND TRAPS, PERIMETER BEINGS, BERNGS, SEDMENT BARRIERS, VEGETANTE BIFFERS AND OHER MEASURES INTENDED 10 TRAP SEDMENT AND/OR PERCANT THE TRANSCORT OF SEDMENT INTO WITHERS OF THE STATE OR NEGABORING PROPERTIES SHALL BE INSTALLED, CONSTRICTED OF, IN THE CASE OF VEGETANTINE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST SIEP IN THE LAND LIAND ALTERATION PROCESS.

12. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE NECESSARY DEWATERING PERMITS FROM THE LOCAL WATER MANAGEMENT DISTRICT OR OTHER REGULATORY AGENY.

13. SUBMIT A DEWATERING PLAN TO THE ENGINEER FOR HIS RECORDS BEFORE BEGINNING CONSTRUCTION.

14, WHERE PUNPS ARE TO BE USED TO REMONE TURBID WATURE FROM THE CONSTRUCTION AREA. THE WATER SHALL BY TREATIND TO REMOVE TURBIDIT TO STANKING THE TREATIND TO REMOVE THE WITCH WITCH COLAULY STANKING PROPER DISCHARGE TO THE WITCH MOST THE WITCH WITCH COLAULY STANKING TO THE WITCH WITCH WITCH BING FUNKED THE WITCH WITCH BING FUNKED THE WITCH WITCH BING FUNKED THE WITCH WITCH WITCH STANKING THE ABSINK, BARRESS, AND KET COMPINED BY AN APPROPRIATE DISCHARGE, AND KET COMPINED WITCH TO THROUGH THE STANKING BARRESS, AND KET COMPINED WITCH TO THROUGH THE STANKING BARRESS, AND KET COMPINED WITCH TO THROUGH THE STANKING WATER QUALITY STANKINGS.

15. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.

16. Where Applicable, soil tracking prevention devices shall be provided and manyained per pinellas county erosion & sediment control details.

17. THE EROSION CONTROL DEVOE QUANTITIES SHOWN ON THE BID FORMS ARE ESTIMATES OF THE ACADLA (LOWATINES THAT MAY BE ENCOUNTIERED DURING CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SPECIFY ACTUAL QUANTITIES SOCKATED WITH HIS SPECIFIC EROSION CONTROL, MPLEMENTATION SCHEDULE, EROSION CONTROL, ITEMS MAY BE ADDED OF ORDELED FROM THE PAY TEM LIST AS THE EROSION CONTROL, MINELANTATION SCHEDULE, EROSION CONTROL, THOM MAY BE ADDED WHEN ACTUAL THE PAY TEM LIST AS THE EROSION CONTROL, MINELANTATION SCHEDULE PROVIDED BY THE CONTRACTOR IS MODIFED TO MEET SITE SPECIFIC CONDITIONS.

18. ALL EROSION CONTROL FENCES, BARRIERS, AND SILTATION DEVICES SHALL BE REFECTED FROM TO ANY LANN LIFERATIONS, SALLLE BANTATIANED IN GOOD WORKING ONDER DURING CONSTRUCTION. AND REMOVED FOLLOWING SOIL STABLIZITION AND THALL DISESSING. STOOKPILE AREAS SHALL INCLUDE SILT PERIONIS AROUND THE PERMIETRY.

19. THE CONTRACTOR SALAL NOT RESTRICT OR BLOCK THE EXISTING DRAMAGE FLOW OVERLAND OR WITHIN RESHAPD SWALLS. FLOW WITHIN EXISTING DRAMAGE PIPES SHALL BE MAINTAINED AT ALL THIES. STORMWATER MIL BE CONVERTION VA EXISTING SWALLS, DITCHES, OR PROPOSED DITCHES, EXISTING AND PROPOSED STORM SEMPRES.

20. THERE IS TO BE NO DISCHARGE (I.E. PUMPING, SHET FLOW, SWALE, DITCH, ETC.) INTO EXISTING DICHES RO KACAMLS, MITHOUT THE USE OF SETTLING PONDS. IF THE CONTRACTOR DESIRES TO DISCHARGE INTO EXISTING DITCHES OR CAMALS A SETTLING POND PARP PREPARED BY THE CONTRACTOR MUST BE SIBMITED. TO AND APPROVED BY THE ENGINEER OF RECORD AND LOCAL. REGULATORY AGENCY PRIOR TO CONSTRUCTION.

21. DURING DEWATERING OPERATIONS, THE CONTRACTOR SHALL NOT DISCHARGE DIRECTOR. TO RECEIVEN WATERS, STRING CONVEXANCES TO RECEIVEN SWATERS, OR WEITAND SYSTEMS, TRAPPORATY SECURENT BASINS, TRAPS, OR WEITAND NED/OFFIOD SOURCES. THE DISCHARGE FIRM DISCHARGE THE DISCHARGE SECURENT BASINS THE DISCHARGE SECURENT STROM DEWATERS AND TO INSURE THE POTENTIAL. FOR OFF-SITE OSCURIENT.

2.2 BANKS SHALL BE PROTECTED THOSE POSSED DISHOUS CONSTRUCTION BANK PROTECTION MATERIAL SHALL BE CAREFULY PLACED FROM THE DISHOUS BANK BOOK TO THE DAY MAY BE USED FOR BROSHING LIDE ARM AND TO DIMPORT SHALL BE CAREFULY PLACED MAY BE USED FOR ERGSINN PROTECTION HARRS SO WILL DETERMINED BY THE TO CONTROL THE BANK SO WILL DETERMINE STACKED IN THE TO COMPLETION OF CONSTRUCTION AND PROTECTED FROM RESIDENCE AND PROTECTED FROM RESIDENCE AND PROTECTED FROM RESIDENCE.

23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING POND FILTENTION SYSTEMS FROM BEING CLOGGED UNITH PINELLAS COUNTY DETERMINES THE CONSTRUCTION IS COMPLETE. IF FILTER MATERIAL IS CONTAMINATED, IT SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.

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NOTES

GENERAL

SOUTH PASADENA RECLAIMED WATER MAIN

Pinellas County

BDD KEG WWW

> CHECKED DRAWN REV. BY

PROJECT:

RELOCATION

DESCRIPTION:

UTILITIES "14 S. FT. HARRISON AVE." CLEARWATER, FL 33756

8/15/19 2936E 04 OF

PROJECT NO. SHEET:

DATE

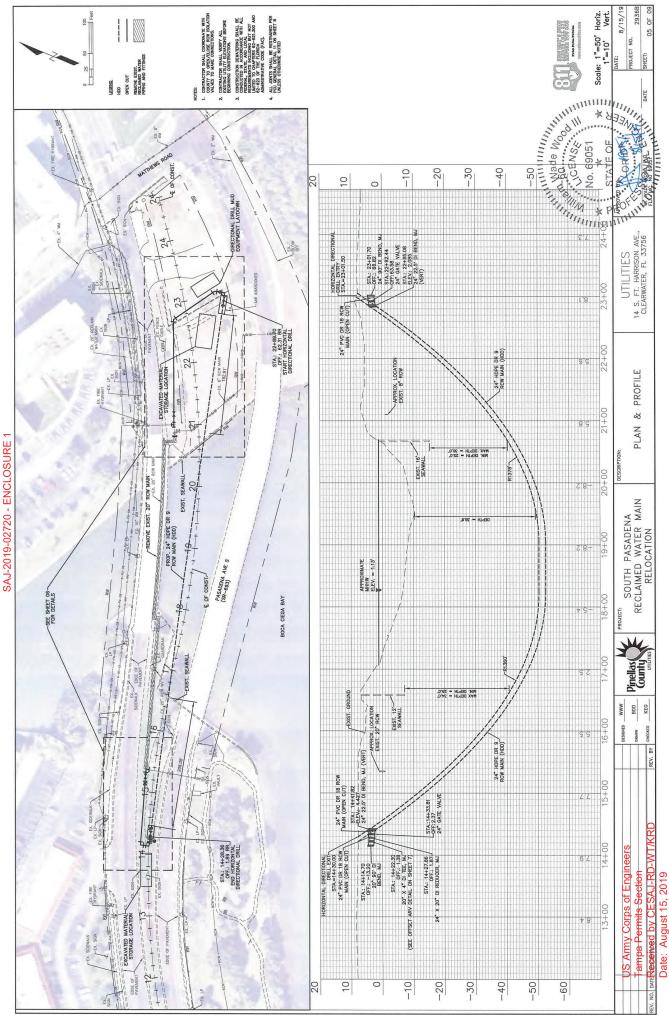
2019 August 15, Date:

US Army Corps of Engineers

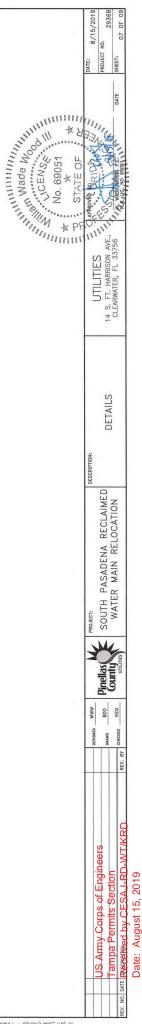
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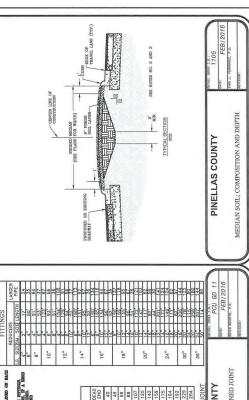
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SAJ-2019-02720 - ENCLOSURE 1



SAJ-2019-02720 - ENCLOSURE 1



DETAILS

SOUTH PASADENA RECLAIMED WATER MAIN RELOCATION

Pinellas County County

BDD WWW KEG

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UTILITIES

14 S. FT. HARRISON AVE.,
CLEARWATER, FL 33756

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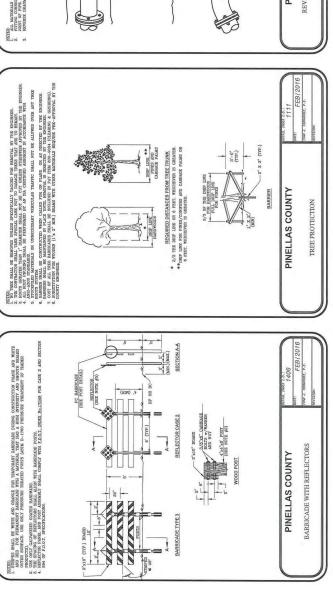
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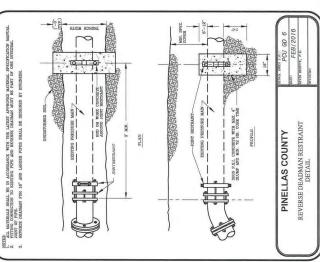
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DATE: 8/15/2019 PROJECT NO. 2936B SHEET: 09 OF 09
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UTILITIES 14 S. FT. HARRISON AVE., CLEARWATER, FL 33756
DETAILS
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Date: August 15, 2019