

Exhibit "A"



**NASSAU COUNTY**  
**BOARD OF COUNTY COMMISSIONERS**  
Office of Management and Budget  
96135 Nassau Place, Suite 2  
Yulee, Florida 32097  
904-530-6040

TO: All Proposers  
FROM: Procurement  
SUBJECT: Addendum #1  
Invitation to Bid NC21-029  
**American Beach Water & Sewer District**  
**Well and Septic Tank Phase Out Program**  
December 30, 2021

**REMINDER: This addendum must be  
acknowledged.**

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions, and/or revisions to and shall take precedence over the original documents.

**QUESTIONS**

N/A

**ATTACHMENTS:**

**SEE BELOW**

---

**NOTE:** You are required to acknowledge receipt of this addendum in your submittal.

**End of Addendum #1**

# **AMERICAN BEACH WATER AND SEWER DISTRICT WELL AND SEPTIC TANK PHASE OUT PROGRAM**

## **ADDENDUM NO. 1 REFERENCE SHEET**

### Front End Specifications and Documents:

Approved FDEP Wastewater Collection Permit (Not Previously Provided)

Approved FDEP Water Distribution Permit (Not Previously Provided)

Specification Section 00 11 10, Subsection 2

Specification Section 00 21 15, Subsection 7.01

Specification Section 00 41 15, Subsection 5.01

Specification Section 00 52 15, Subsection 6.02, A

Specification Section 01025, Subsection 1.07, QQ

### Plan and Profile Set Amended Sheets:

G-6

P-0 (NEW SHEET)

P-1 THROUGH P-15

P-26

P-32

M-3

D-13

PreBid Meeting Sign In Sheet

PreBid Meeting Minutes



# FLORIDA DEPARTMENT OF Environmental Protection

Northeast District  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Interim Secretary

June 24, 2021

In the Matter of an  
Application for Permit by:

Mr. Taco Pope, County Manager  
American Beach Water and Sewer District  
James S. Page Governmental Complex  
96135 Nassau Place  
Yulee, Florida 32097  
[tpope@nassaucountyfl.com](mailto:tpope@nassaucountyfl.com)

**Permit Number: 0003198-051-DWC**  
**Project Name: American Beach Septic Tank  
Phase-Out Program**  
**County: Nassau**  
**Connected To: Nassau Amelia Utilities WWTF**

## NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 0003198-051-DWC to construct a domestic wastewater collection/transmission system, issued pursuant to 403.087(1), Florida Statutes.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.



The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department permit identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

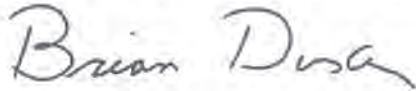
Mediation under Section 120.573, Florida Statutes, is not available for this proceeding.

This permit action is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition this permit will not be effective until further order of the Department.

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit action is filed with the clerk of the Department.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



Brian Durden  
Environmental Manager  
Permitting Program

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy clerk hereby certifies that this permit and all copies were sent on the filing date below to the following listed persons:

Timothy Palmer, P.E., [tpalmer@wadetrim.com](mailto:tpalmer@wadetrim.com)  
Taco Pope, [tpope@nassaucountyfl.com](mailto:tpope@nassaucountyfl.com)  
Jennifer Lyles, DEP  
Brian Durden, DEP  
Ted Hughes, DEP

**FILING AND ACKNOWLEDGMENT**

FILED, on June 23, 2021, pursuant to Section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Clerk

June 24, 2021

Date





# FLORIDA DEPARTMENT OF Environmental Protection

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

Northeast District  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256

**Shawn Hamilton**  
Interim Secretary

## STATE OF FLORIDA DOMESTIC WASTEWATER COLLECTION/TRANSMISSION INDIVIDUAL PERMIT

### PERMITTEE:

Mr. Taco Pope, County Manager  
American Beach Water and Sewer District  
James S. Page Governmental Complex  
96135 Nassau Place  
Yulee, Florida 32097  
[tpopc@nassaucountyfl.com](mailto:tpopc@nassaucountyfl.com)

**PERMIT NUMBER:** 0003198-051-DWC

**PROJECT NAME:** American Beach Septic Tank  
Phase-Out Program

**COUNTY:** Nassau

**EFFECTIVE DATE:** June 24, 2021

**EXPIRATION DATE:** June 23, 2026

**CONNECTED TO:** Nassau Amelia Utilities WWTF

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4 and 62-604, Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to construct the facilities shown on the application and other documents on file with the Department and made a part hereof and specifically described as follows:

**DESCRIPTION OF PROJECT:** A collection/transmission system consisting of 12,400 LF of 8" gravity sewer, 38 manholes, 2,300 LF of 4" forcemain, two lift stations operating at 120 gpm and 100 gpm with dual submersible pumps, and the required appurtenances to serve 291 single-family homes and a hotel. The proposed average daily flow associated with this project is 76,800 gpd.

**LOCATION OF PROJECT:** This project will be located on Ameila Island, east of A1A south of Amelia City and North of Franklinton, in Nassau County.

**IN ACCORDANCE WITH:** The limitations, requirements and other conditions set forth in pages 1 through 2 of this permit.

### PERMIT CONDITIONS:

1. This permit is subject to the general conditions of Rule 62-4.160, F.A.C., as applicable. This rule is available at the Department's Internet site at:  
<http://www.dep.state.fl.us/water/wastewater/rules.htm#domestic> [62-4.160, 5-1-03]
2. Upon completion of construction of the collection/transmission system project, and before placing the facilities into operation for any purpose other than testing for leaks or testing equipment operation, the permittee shall submit to the Department's Northeast District Office Form 62-604.300(8)(b), *Request for Approval to Place a Domestic Wastewater Collection/Transmission System into Operation*. This form is available at the Department's Internet site at:  
<http://www.dep.state.fl.us/water/wastewater/forms.htm> [62-604.700(2), 11-6-03]
3. The new or modified collection/transmission facilities shall not be placed into service until the Department clears the project for use. [62-604.700(3), 11-6-03]

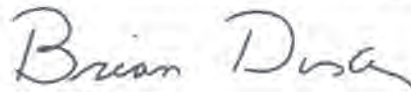
PERMITTEE: American Beach Water and Sewer District  
PROJECT: American Beach Septic Tank Phase-Out Program

PERMIT NUMBER: 0003198-051-DWC  
EXPIRATION DATE: June 23, 2026

4. Permit revisions shall only be made in accordance with Rule 62-4.050(4)(s), F.A.C. Request for revisions shall be made to the Department in writing and shall include the appropriate fee. Revisions not covered under Rule 62-4.050(4)(s), F.A.C., shall require a new permit. *[62-604.600(8), 11-6-03]*
5. Abnormal events shall be reported to the Department's Northeast District Office in accordance with Rule 62-604.550, F.A.C. For unauthorized spills of wastewater in excess of 1,000 gallons per incident, or where information indicates that public health or the environment may be endangered, oral reports shall be provided to the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519 as soon as practical, but no later than 24 hours from the time the permittee or other designee becomes aware of the circumstances. Unauthorized releases or spills less than 1,000 gallons per incident are to be reported orally to the Department's Northeast District Office within 24 hours from the time the permittee, or other designee becomes aware of the circumstances. *[62-604.550, 11-6-03]*
6. Per the Nassau County letter dated June 23, 2021, lengths over 400 feet and below 600 feet between manholes is permitted. Cleaning equipment being used is suitable to clean up to 600 feet between manholes. The cleaning frequency will have the whole American Beach Water and Sewer District collections system cleaned every 10 years. This modern cleaning equipment and frequency will maintain proper maintenance and operation of the American Beach Water and Sewer District sanitary sewer collection system.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



Brian Durden  
Environmental Manager  
Permitting Program

Date: June 24, 2021





# FLORIDA DEPARTMENT OF Environmental Protection

Northeast District  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256

**Ron DeSantis**  
Governor

**Jeanette Nuñez**  
Lt. Governor

**Shawn Hamilton**  
Interim Secretary

## Notification of Acceptance of Use of a General Permit

Mr. Taco Pope  
County Manager  
American Beach Water and Sewer District  
James S. Page Governmental Complex,  
96135 Nassau Place  
Yulee, Florida 32097  
tpope@nassaucountyfl.com

**General Permit Number: 0080310-054-DSGP**  
**Project Name: American Beach Well**  
**Phase-Out Program**  
**County: Nassau**  
**Effective Date: July 13, 2021**  
**Expiration Date: July 12, 2026**  
**Water Supplier: Nassau Amelia WTP**  
**PWS ID: 2450022**

Dear Mr. Pope:

On July 13, 2021, the Florida Department of Environmental Protection received a "Notice of Intent to Use the General Permit for Construction of Water Main Extensions for PWSs" [DEP Form No 62-555.900(7)], under the provisions of Rule 62-4.530 and Chapter 62-555, Florida Administrative Code (F.A.C.). The proposed project includes 3,040 LF of 2" water main, 2,480 LF of 4" water main, 4,600 LF of 6" water main, and 2,200 LF of 8" water main.

Based upon the submitted Notice and accompanying documentation, this correspondence is being sent to advise that the Department does not object to the use of such general permit at this time. Please be advised that the permittee is required to abide by Rule 62-555.405, F.A.C., all applicable rules in Chapters 62-4, 62-550, 62-555, F.A.C., and the General Conditions for All General Drinking Water Permits (found in 62-4.540, F.A.C.).

The permittee shall comply with all sampling requirements specific to this project. These requirements are attached for review and implementation.

Pursuant to Rule 62-555.345, F.A.C., the permittee shall submit a certification of construction completion [DEP Form No. 62-555.900(9)] to the Department and obtain approval, or clearance, from the Department before placing any water main extension constructed under this general permit into operation for any purpose other than disinfection or testing for leaks.

Within 30 days after the sale or legal transfer of ownership of the permitted project that has not been cleared for service in total by the Department, both the permittee and the proposed permittee shall sign and submit an application for transfer of the permit using Form 62-555.900(8), F.A.C., with the appropriate fee. The permitted construction is not authorized past the 30-day period unless the permit has been transferred.

American Beach Well Phase-Out Program

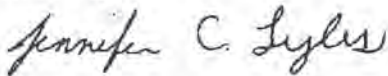
0080310-054-DSGP

Page 2 of 3

July 13, 2021

This permit will expire five years from the effective date. If the project has been started and not completed by that time, a new permit must be obtained before the expiration date in order to continue work on the project, per Rule 62-4.030, F.A.C.

Sincerely,

A handwritten signature in black ink that reads "Jennifer C. Lyles". The signature is written in a cursive, flowing style.

Jennifer Lyles

Collection/Distribution System Coordinator

Permitting Program

c:

Timothy Palmer, P.E., [tpalmer@wadetrim.com](mailto:tpalmer@wadetrim.com)

Taco Pope, [tpope@nassaucountyfl.com](mailto:tpope@nassaucountyfl.com)

DEP: Jennifer Lyles, Michelle Neeley, Ted Hughes



**A Civil Penalty May Be Incurred  
if this project is placed into operation before obtaining a clearance from this office.**

Requirements for clearance upon completion of projects are as follows:

**1) Clearance Form**

Submission of a fully completed Department of Environmental Protection (DEP) Form 62-555.900(9), *Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components into Operation*.

**2) Record Drawings, if deviations were made**

Submission of the portion of record drawings showing deviations from the DEP construction permit, including preliminary design report or drawings and specifications, if there are any deviations from said permit. (Note that it is necessary to submit a copy of only the portion of record drawings showing deviations and not a complete set of record drawings.)

**3) Bacteriological Results**

Copies of satisfactory bacteriological analysis (a.k.a. Main Clearance), taken within sixty (60) days of completion of construction, from locations within the distribution system or water main extension to be cleared, in accordance with Rules 62-555.315(6), 62-555.340, and 62-555.330, F.A.C. and American Water Works Association (AWWA) Standard C 651-92, as follows:

- The endpoint of the proposed addition;
- Any water lines branching off a main extension;
- Every 1,200 feet of water main;
- Each location shall be sampled on two consecutive days (at least 6 hours apart) with sample point locations and chlorine residual readings clearly indicated on the report and/or drawings.
- A sketch or description of all bacteriological sampling locations must also be provided.
- Bacteriological sample results will be considered unacceptable if the tests were completed more than 60 days before the Department receives the results.

For further clarification, contact:  
FDEP – Northeast District  
Potable Water Permitting  
8800 Baymeadows Way West, Suite 100  
Jacksonville, Florida 32256  
(904) 256-1700

**SECTION 00 11 10**

**ADVERTISEMENT FOR BIDS**

**PROJECT:** AMERICAN BEACH WATER AND SEWER DISTRICT WELL AND SEPTIC TANK PHASE OUT PROGRAM

Bid Number NC21-029-ITB

Nassau County, Florida

**OWNER:** Board of County Commissioners

Nassau County, Florida

96135 Nassau Place

Suite 1

Yulee, Florida 32097

**ENGINEER:** Wade Trim, Inc.

201 North Franklin Street

Suite 1350

Tampa, Florida 33602

**PRE-BID CONFERENCE WITH SITE VISIT TO IMMEDIATELY FOLLOW:**

\_\_\_ 10:00 AM, Thursday December 16, 2021 \_\_\_

**LOCATION OF PRE-BID CONFERENCE:**

James S. Page Governmental Complex

Commissioners Chambers

96135 Nassau Place

Yulee, Florida 32097

**BID DEADLINE & OPENING:** \_\_\_ 10:00 AM, Wednesday January 12, 2022 \_\_\_

Judicial Annex

Office of Ex-Officio Clerk

76347 Veterans Way, Suite 456

Yulee, Florida 32097

**1.0 WORK DESCRIPTION**

This project consists of American Beach sanitary sewer and water improvements for Nassau Amelia Utilities. The work to be performed is generally described as American Beach Water and Sewer District Well and Septic Tank Phase Out and includes but not limited to:

Site furnishing of all equipment, labor, materials and supervision necessary for American Beach sewer and water improvements, including but not limited to all demolition, proper disposal, pump, pipe, structure, and valve installation, electrical and mechanical installation, associated site grading and restoration, all associated materials, labor and



equipment, and all incidental work as called for in the Contract Documents complete and in place. The Contractor shall furnish, install, test and place in operation the water main, sanitary system, and pumping stations shown on the drawings and specified hereinafter. All applicable sections of Nassau County Standard Specifications and JEA 2021 Water and Wastewater Standards shall be considered part of this work. All references to Industry Standards (ASTM, ANSI, etc.) shall be to the latest revision unless otherwise stated. Only those materials included in the JEA Water and Wastewater Standards Manual, unless called out different within the Contract Documents, shall be installed. All materials shall be new unless specifically called for otherwise. All pipe, fittings, valves, structures, pumps and panels shall require a complete shop drawing submittal, as detailed in this specification for review and approval prior to the start of construction.

All work shall be in accordance with the construction specifications, and contract documents.

## **2.0 RECEIPT OF BIDS**

ALL BIDDERS must be qualified for the type of work for which the BID is submitted. **Bidders should note that all bids must be submitted via PlanetBids Demandstar** (<https://pbsystem.planetbids.com/portal/49083/portal-home>).



### **BIDS SHALL BE ADDRESSED TO:**

Board of County Commissioners, Nassau County  
Office of the Ex-Officio Clerk  
76347 Veterans Way, Suite 456  
Yulee, Florida 32097

The documents are available free-of-charge on PlanetBids  
<https://pbsystem.planetbids.com/portal/49083/portal-home>

## **3.0 BONDS (BID, PERFORMANCE AND PAYMENT)**

BIDS must be accompanied by a Certified Check or BID BOND of a reputable bonding company authorized to do business in the State of Florida in the amount of five percent (5%) of the total amount of the BID to guarantee that the Contractor will enter into a Contract in the form prescribed and will provide the required bond.

The successful BIDDER(s) must provide an acceptable contract PERFORMANCE BOND in the amount of one hundred percent (100%) of the Contract Price, and a PAYMENT BOND in the amount of one hundred percent (100%) of the Contract Price.

## **4.0 BID WITHDRAWAL**

No BIDS may be withdrawn for a period of ninety (90) days after closing time scheduled for receipt of BIDS.

## **5.0 RIGHT TO REJECT**

The OWNER reserves the right to reject any and all BIDS and waive all informalities in whole or in part, with or without cause, and/or to accept the bid that, in its best judgment, will be for the best interest of Nassau County, Florida.

## **6.0 PUBLIC ENTITY CRIME**

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal/bid on a contract to provide any goods or services to a public entity, may not submit a proposal/bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit a proposal/bid on leases or real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor or consultant under contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

## **7.0 INFORMATION CONTACT**

For further information or clarification, contact Brian Simmons, Procurement Manager at (904) 530-6040 or [procurement@nassaucountyfl.com](mailto:procurement@nassaucountyfl.com).

## **8.0 DISABILITIES REQUIRING ACCOMMODATION**

Persons with disabilities requiring accommodation in order to participate in this program or activity should contact the Office of the Ex-Officio Clerk to the Board of County Commissioners at (904) 548-4660 or Florida Relay Service at 1-800-955-8770 (v) or 1-800-955-8771 (TDD) at least seventy two hours in advance to request such accommodation.

## **9.0 PUBLIC MEETINGS AND PUBLIC RECORDS LAWS FOR GOVERNMENT CONTRACTING**

**Effective July 1, 2012**

Pursuant to recent changes in Florida Statutes Chapter 119.071 (General Exemptions from inspection or copying of public records) the bid opening process is temporarily exempt from Public Records requirements, except bids received pursuant to a competitive solicitation for construction or repairs on a public building or public work. Information may be released to the public once the Board provides a notice of intended decision or 30 days after the bid opening, whichever is earlier.



Pursuant to recent changes in Florida Statutes Chapter 286.0113 (General exemptions from public meeting requirements) any portion of a meeting in which negotiations with a vendor is conducted as part of the "competitive negotiation" process at which a vendor makes an oral presentation or answers questions as part of the "competitive solicitation" process are exempt from public meeting requirements until the Board provides notice of an intended decision or until 30 days after bid opening, whichever is earlier. Any portion of a committee meeting at which negotiation strategies are discussed is exempt.

A complete record shall be made of any portion of an exempt meeting; no portion may be held off the record. The recording of and any records presented at the exempt meeting are exempt from FS119.071 until such time as the board provides notice of an intended decision or 30 days after opening the bids, proposals, or final replies.

Please refer to Florida Statutes Chapter 119.071, Chapter 255.0518, and Chapter 286.0113 for further details.

NASSAU COUNTY BOARD OF COUNTY COMMISSIONERS

Thomas R. Ford, Chair

ATTEST:

John A. Crawford  
Its: Ex-Officio Clerk

An Affirmative Action/Equal Opportunity Organization

## **SECTION 00 21 15**

### **INSTRUCTIONS TO BIDDERS**

#### **ARTICLE 1 DEFINED TERMS**

- 1.01** Terms used in these Instructions to Bidders will have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below which are applicable to both the singular and plural thereof:
- A. Bidder - The individual or entity who submits a Bid directly to the County.
  - B. Issuing Office - The office from which the Bidding Documents are to be issued and where the bidding procedures are to be administered.
  - C. Successful Bidder - The lowest responsible Bidder submitting a responsive Bid to whom County (on basis of County's evaluation as herein provided) makes an award.

#### **ARTICLE 2 COPIES OF BIDDING DOCUMENTS**

- 2.01** Complete sets of Bidding Documents in the number and for the payment sum, if any, stated in the Advertisement or Invitation to Bid may be obtained from the Issuing Office via DemandStar ([www.demandstar.com](http://www.demandstar.com)).
- 2.02** Complete sets of Bidding Documents must be used in preparing Bids; neither the County nor Engineer of Record assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
- 2.03** The County and Engineer of Record in making copies of Bidding Documents available on the above terms do so only for the purpose of obtaining Bids for the Work and do not confer a license or grant for any other use.

#### **ARTICLE 3 QUALIFICATIONS OF BIDDERS**

- 3.01** The County may make such investigations as necessary to determine the ability of the Bidder to perform the Work, and the Bidder shall furnish to the County all such information and data for this purpose as the County may request. The County reserves the right to reject any bid if the evidence submitted by, or investigation of, such Bidder fails to satisfy the County that such Bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. Conditional bids will not be accepted.



**3.02** To demonstrate Bidder's qualifications to perform the Work, Bidder shall submit written evidence such as financial data, previous experience, present commitments, and such other data as may be called for in Bidder's Qualification Statement.

A. The Bidder's Qualification Statement shall include, but not limited, the following information:

1. List a minimum of five contracts of similar work description, for the past 5 years with Company or Entity name, address, contact name, contact title, and telephone number.
2. List original contracted dollar amount and actual completed project dollar amount.
3. List as required by contract completion date and actual completion date. Detail any incentive payments your firm has received for early completion or penalties your firm has had to pay for late fees.

#### **ARTICLE 4 EXAMINATION OF BIDDING DOCUMENTS, OTHER RELATED DATA, AND SITE**

##### **4.01 Subsurface and Physical Conditions**

A. The Supplementary Conditions identify:

1. Those reports or explorations and tests of subsurface conditions at or contiguous to the Site that Engineer of Record has used in preparing the Bidding Documents.
2. Those drawings of physical conditions in or relating to existing surface and subsurface structures at or contiguous to the Site (except Underground Facilities) that Engineer of Record has used in preparing the Bidding Documents.

B. Copies of the reports and drawings referenced in paragraph 4.01.A are provided herein as an attachment following Article 20. Those reports and drawings are not part of the Contract Documents, but the "technical data" contained therein upon which Bidder is entitled to rely as provided in paragraph 4.02 of the General Conditions has been identified and established in paragraph 4.02 of the Supplementary Conditions. Bidder is responsible for any interpretation or conclusion Bidder draws from any "technical data" or any other data, interpretations, opinions, or information contained in such reports or shown or indicated in such drawings.

##### **4.02 Underground Facilities**



Information and data shown or indicated in the Bidding Documents with respect to existing Underground Facilities at or contiguous to the Site is based upon information and data furnished to the County and Engineer of Record by the Utility Owner of such Underground Facilities, including the County, or others.

#### **4.03 Hazardous Environmental Conditions**

- A. The Supplementary Conditions identify those reports and drawings relating to a Hazardous Environmental Condition identified at the Site, if any, that Engineer of Record has used in preparing the Bidding Documents.
- B. Copies of reports and drawings referenced in paragraph 4.03.A will be made available by the County to any Bidder on request. Those reports and drawings are not part of the Contract Documents, but the "technical data" contained therein upon which Bidder is entitled to rely as provided in paragraph 4.06 of the General Conditions has been identified and established in paragraph 4.06 of the Supplementary Conditions. Bidder is responsible for any interpretation or conclusion Bidder draws from any "technical data" or any other data, interpretations, opinions, or information contained in such reports or shown or indicated in such drawings.

**4.04** Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to subsurface conditions other physical conditions and Underground Facilities, and possible changes to Bidding Documents due to offering or unanticipated conditions appear in paragraphs 4.02, 4.03, and 4.04 of the General Conditions. Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to a Hazardous Environmental Condition at the Site, if any, and possible changes in the Contract Documents due to any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in the Drawings and Specifications or identified in the Contract Documents to be within the scope of Work appear in paragraph 4.06 of the General Conditions.

**4.05** On request, the County will provide Bidder access to the Site to conduct such examinations, investigations, explorations, tests, and studies Bidder deems necessary for submission of a Bid. Bidder shall fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies.

**4.06** Reference is made to Article 7 of the General Conditions for the identification of the general nature of other work that is to be performed at the Site by the County or others (such as utilities and other prime contractors) that relates to the Work for which a Bid is to be submitted. On request, the County will provide to each Bidder for examination access to or copies of Contract Documents (other than portions thereof related to price) for such other work.



**4.07** It is the responsibility of each Bidder before submitting a Bid to:

- A. Examine and carefully study the Bidding Documents, including any Addenda and other related data identified in the Bidding Documents;
- B. Visit the site to become familiar with and satisfy Bidder as to the general, local and Site conditions that may affect cost, progress, and performance of the Work;
- C. Become familiar with and satisfy Bidder as to all federal, state, and local Laws and Regulations that may affect cost, progress, or performance of the Work;
- D. Carefully study all reports of explorations and tests or subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Supplementary Conditions as provided in paragraph 4.02 of the General Conditions, and carefully study all reports and drawings or a Hazardous Environmental Condition, if any, at the Site which have been identified in the Supplementary Conditions as provided in paragraph 4.06 of the General Conditions;
- E. Obtain and carefully study (or assume responsibility for doing so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, and safety precautions and programs incident thereto;
- F. Agree at the time of submitting its Bid that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its Bid for performance of the Work at the price bid and within the times and in accordance with the other terms and conditions of the Bidding Documents;
- G. Become aware of the general nature of the work to be performed by the County and others at the Site that relates to the Work as indicated in the Bidding Documents;
- H. Correlate the information known to Bidder, information and observations obtained from visit to Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents;
- I. Promptly give Engineer of Record written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by Engineer of Record is acceptable to Bidder and;



- J. Determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of Work.
- 4.08** Each bidder must inform himself fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of his obligation to furnish all material and labor necessary to carry out the provisions of this contract. Insofar as possible the contractor, in carrying out the work, must employ such methods or means as will not cause any interruption of or interference with the work of any other contractor.
- 4.09** The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article 4, that without exception the Bid is premised upon performing and furnishing the Work required by the Bidding Documents and applying any specific means, methods, techniques, sequences and procedures of construction that may be shown or indicated or expressly required by the Bidding Documents, that Bidder had given Engineer of Record written notice of all conflicts, errors, ambiguities and discrepancies that Bidder has discovered in the Bidding Documents and written resolutions thereof by Engineer of Record are acceptable to Bidder, and that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work.

## **ARTICLE 5 PRE-BID CONFERENCE**

- 5.01** A pre-bid conference and site visit will be held for this project but attendance is not required. It is suggested that the parties attend the pre-bid conference and/or visit the site to familiarize with the project vicinity.

## **ARTICLE 6 SITE AND OTHER AREAS**

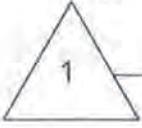
- 6.01** The Site is identified in the Bidding Documents. All additional lands and access thereto required for temporary construction facilities, construction equipment, or storage of materials and equipment to be incorporated in the Work are to be obtained and paid for by Contractor. Easements for permanent structures or permanent changes in existing facilities are to be obtained and paid for by the County unless otherwise provided in the Bidding Documents.

## **ARTICLE 7 INTERPRETATIONS AND ADDENDA**

- 7.01** No interpretation of the meaning of the plans, specification or other pre-bid documents will be made to any bidder orally. Every request for such interpretation shall be in writing, addressed to Contract Management and, to be given consideration, must be received at least seven calendar days prior to the date fixed for the opening of bids. Requests for additional information or clarifications will be received in writing. The request must



contain the submitter's name, address, phone number, and email address and be addressed to:



Brian Simmons Marshall Eyerman, Procurement Manager  
Nassau County Procurement  
96135 Nassau Place  
Suite 2  
Yulee, Florida 32097  
(904) 530-6040  
Email: [procurement@nassaucountyfl.com](mailto:procurement@nassaucountyfl.com)

- 7.02 Any and all such interpretations and any supplemental instructions will be in the form of written addenda not later than 72 hours prior to the date fixed for the opening of bids.
- 7.03 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by the County or Engineer of Record.
- 7.04 It is the Bidder's responsibility to ensure that all addenda were received. The bidder should verify with the designated contact person prior to submitting a bid that all addenda have been received. Bidders are required to acknowledge the number of addenda received on the Bid Form, section 3.01. A. Failure of any bidder to receive any such addendum or interpretation shall not relieve such bidder from any obligation under the bid as submitted. All addenda so issued shall become part of the contract documents.

## **ARTICLE 8 BID SECURITY**

- 8.01 A Bid must be accompanied by cash, certified check of the Bidder, or a bid bond prepared on the form of bid bond attached hereto, duly executed by the Bidder as principal and having as surety thereon a surety company approved by the County, in the amount of 5% of the Bid. Cash, checks and bid bonds will be returned to all except the three lowest bidders. After award by the Board, the remaining cash checks or bid bonds will be returned promptly after the County and the accepted bidder have executed the contract, or, if no award has been made within 30 days after the date of the opening of Bids, upon demand of the Bidder at any time thereafter, so long as notification of the acceptance of the Bid has not taken place.
- 8.02 Bid security of other Bidders whom the County believes do not have a reasonable chance of receiving the award will be returned within seven days after the Bid opening.

## **ARTICLE 9 CONTRACT TIMES**



- 9.01** The number of days within which, or the dates by which, the Work is to be (a) Substantially Completed and (b) also completed and ready for final payment are set forth in the Bid Form.

#### **ARTICLE 10 LIQUIDATED DAMAGES**

- 10.01** The successful bidder, upon failure or refusal to execute and deliver the contract and bonds required within 10 days after receipt of notice of the acceptance of the bid, shall forfeit to the County, as liquidated damages for such failure or refusal, the security deposited with the bid.

#### **ARTICLE 11 SUBSTITUTE AND "OR-EQUAL" ITEMS**

- 11.01** The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents without consideration of possible substitute "or-equal" items. Whenever it is specified or described in the Bidding Documents that a substitute or "or-equal" item of material or equipment may be furnished or used by if acceptable to Engineer of Record, application for such acceptance will not be considered by Engineer of Record until after the Effective Date of the Agreement. The procedure for submission of any such application by and consideration by Engineer of Record is set forth in the General Conditions and may be supplemented in the General Requirements.

#### **ARTICLE 12 SUBCONTRACTORS, SUPPLIERS AND OTHERS**

- 12.01** If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, individuals, or entities to be submitted to the County in advance of a specified date prior to the Effective Date of the Agreement, the apparent Successful Bidder, and any other Bidder so requested, shall within five days after Bid opening, submit to the County a list of all such Subcontractors, Suppliers, individuals, or entities proposed for those portions of the Work for which such identification is required. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each Subcontractor, Suppliers, individuals, or entity if requested by the County. If the County or Engineer of Record, after due investigation, has reasonable objection to any proposed Subcontractor, Supplier, individual or entity, the County may, before the Notice of Award is given request apparent Successful Bidder to submit a substitute, without an increase in the Bid.
- 12.02** If apparent Successful Bidder declines to make any such substitution, the County may award the Contract to the next lowest Bidder that proposes to use acceptable Subcontractors, Suppliers, individuals, or entities. Declining to make requested substitutions will not constitute grounds for forfeiture of the Bid security of any Bidder. Any Subcontractor, Supplier, individual, or entity so listed and against which the County or Engineer of Record makes no written objection prior to giving of the Notice of Award



will be deemed acceptable to the County and Engineer of Record subject to revocation of such acceptance after Effective Date of the Agreement as provided in paragraph 6.06 of the General Conditions.

- 12.03** Contractor shall not be required to employ any Subcontractor, Supplier, individual, or entity against whom Contractor has reasonable objection.
- 12.04** Subcontractors may not further subcontract or otherwise assign any portion of their contract to another entity without prior written approval from the County.

## **ARTICLE 13 PREPARATION OF BID**

- 13.01** The Bid Form is included in the Bidding Documents.
- 13.02** Each bid must be submitted in a sealed envelope bearing on the outside the name of the bidder, his/her address, and the name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed as specified in the bid form.
- 13.03** A Bid by a corporation shall be executed in the corporate name by the president or a vice-president or other corporate officer accompanied by evidence of authority to sign. The corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown on the form.
- 13.04** A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The official address of the partnership shall be shown below the signature.
- 13.05** A Bid by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature.
- 13.06** A Bid by an individual shall show the Bidder's name and official address.
- 13.07** A Bid by a joint venture shall be executed by each joint venture in the manner indicated on the Bid Form. The official address of the joint venture must be shown below the signature.
- 13.08** All names shall be typed or printed in ink below the signatures.
- 13.09** The Bid shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the Bid Form.
- 13.10** The address and telephone number for communications regarding the Bid shall be shown

- 13.11** The Bid shall contain evidence of Bidder's authority and qualification to do business in the State of Florida. The Bidder shall also be a state-certified Contractor in good standing and hold current registration with the Florida Construction Industry Licensing Board of the State Department of Professional Regulation. The type of license must be in a class that is related to the general nature of the construction to be performed on this project. The Bidder's State Contractor's license number for the State of the project shall be shown on the Bid Form.

## **ARTICLE 14 BASIS OF BID; EVALUATION OF BIDS**

### **14.01 Lump Sum Price**

- A. Bidders shall submit a Bid on a lump sum basis and are to include all labor, materials, equipment, and incidentals necessary to perform the work as indicated in the contract documents.
- B. The County reserves the right to evaluate the bids on any base bid-alternate/add on combination that is in the best interest of the County.

- 14.02** The Bid price shall include such amounts as the Bidder deems proper for overhead and profit on account of cash allowances, if any, named in the Contract Documents as provided in paragraph 11.02 of the General Conditions.

## **ARTICLE 15 SUBMITTAL OF BID**

- 15.01** Each prospective Bidder is furnished one copy of the Bidding Documents.

- 15.02** A bid shall be submitted via DemandStar ([www.demandstar.com](http://www.demandstar.com)) no later than the date and time prescribed and at the place indicated in the Advertisement or Invitation to Bid and shall be accompanied by the Bid security and other required documents.

## **ARTICLE 16 MODIFICATION AND WITHDRAWAL OF BID**

- 16.01** A Bid may be modified or withdrawn by an appropriate document duly executed in the manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time from the opening of Bids.
- 16.02** Any Bid may be withdrawn prior to the scheduled time for the opening of bids or authorized postponement thereof. Any Bid received after the time and date specified shall not be considered. No Bidder may withdraw a bid for ninety (90) days after the actual date of the opening thereof.

## **ARTICLE 17 OPENING OF BIDS**



- 17.01** Bids will be opened at the time and place indicated in the Advertisement or Invitation to Bid. An abstract of the amounts of the base Bids and major alternatives, if any, will be made available to Bidders pursuant to s. 119.071 and s. 255.0518 (effective July 1, 2012), Florida Statutes.
- 17.02** The County may consider informal any Bid not prepared and submitted in accordance with the provisions thereof and may waive any informalities or reject any and all Bids.

#### **ARTICLE 18 BIDS TO REMAIN SUBJECT TO ACCEPTANCE**

- 18.01** All Bids will remain subject to acceptance for the period of time stated in the Bid Form, but the County may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

#### **ARTICLE 19 AWARD OF CONTRACT**

- 19.01** The County reserves the right to reject any and/or all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. The County further reserves the right to reject the Bid of any Bidder whom it finds, after reasonable inquiry and evaluation, to be non-responsible. The County may also reject the Bid of any Bidder if the County believes that it would not be in the best interest of the Project to make an award to that Bidder. The County also reserves the right to waive all informalities not involving price, time, or changes in the Work and to negotiate contract terms with the Successful Bidder.
- 19.02** More than one Bid for the same Work from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than one Bid for the Work may be cause for disqualification of that Bidder and the rejection of all Bids in which that Bidder has an interest.
- 19.03** In evaluating Bids, the County will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.
- 19.04** In evaluating Bidders, the County will consider the qualifications of Bidders and may consider the qualifications and experience of Subcontractors, Suppliers, and other individuals or entities proposed for those portions of the Work for which the identity of Subcontractors, Suppliers; and other individuals or entities must be submitted as provided in the Supplementary Conditions.
- 19.05** The County may conduct such investigations as it deems necessary to establish the responsibility, qualifications, and financial ability of Bidders, proposed Subcontractors, Suppliers, individuals, or entities to perform the Work in accordance with the Contract Documents.

- 19.06** If the contract is awarded, the County will award the Contract to Bidder whose Bid is in the best interests of the Project.
- 19.07** If the contract is awarded, the County will award the Contract to Bidder whose Bid is in the best interest of the Project.

## **ARTICLE 20 CONTRACT SECURITY AND INSURANCE**

- 20.01** Article 5 of the General Conditions, as may be modified by the Supplementary Conditions, sets forth the County's requirements as to performance and payment Bonds and insurance. When the Successful Bidder delivers the executed Agreement to the County, such Bonds must accompany it.
- 20.02** Provisions for indemnification by Contractor are set forth in the Agreement, at Paragraph 6.20 of the General Conditions, as amended by the Supplementary Conditions, and are incorporated here by reference.
- 20.03** Simultaneously, with delivery of the executed contract, the Contractor shall furnish a surety bond or bonds as security for faithful performance of this contract and for the payment of all persons performing labor on the project under this contract and furnishing materials in connection with this contract, as specified in the General Conditions included herein. The surety on such bond and bonds shall be a duly authorized surety company satisfactory to the County.
- 20.04** Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

## **ARTICLE 21 SIGNING OF AGREEMENT**

- 21.01** When the County gives Notice of Intent to Award to the Successful Bidder, it shall be accompanied by the Agreement. Successful Bidder shall sign and deliver the required number of counterparts of the Agreement and attached documents to the County prior to the date set for Board approval and execution. The County shall deliver one fully signed counterpart to Successful Bidder.
- 21.02** The Board of County Commissioners has the right to approve or reject the recommendation of award. The Agreement is not valid unless fully executed by the Contractor and the Nassau County Board of County Commissioners.

**END OF SECTION**



**ATTACHMENTS TO 00 21 15**

**A - Geotechnical Report Dated January 26, 2021**

**B – Geotechnical Report Dated July 2, 2021**

**SECTION 00 41 15**

**BID FORM**

**PROJECT IDENTIFICATION:** AMERICAN BEACH WATER AND SEWER DISTRICT  
WELL AND SEPTIC TANK PHASE OUT PROGRAM  
Bid Number NC21-029-ITB  
Nassau County, Florida

**BID DEADLINE:**

**THIS BID IS SUBMITTED TO:** Board of County Commissioners, Nassau County  
Judicial Annex  
Office of the Ex-Officio Clerk  
76347 Veterans Way, Suite 456  
Yulee, Florida 32097

- 1.01** The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an agreement with the County in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

Company Name (typed or printed): \_\_\_\_\_  
Business address: \_\_\_\_\_  
Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_  
Contact Name: \_\_\_\_\_  
Contact Title: \_\_\_\_\_  
Contact email address: \_\_\_\_\_

- 2.01** Bidder accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. The Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of the County.

- 3.01** In submitting this Bid, Bidder represents, as set forth in the Agreement, that:

- A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged:

Addendum No.	Addendum Date
_____	_____
_____	_____
_____	_____



- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Supplementary Conditions as provided in paragraph 4.02 of the General Conditions, and (2) reports and drawings of a Hazardous Environmental Condition, if any, which has been identified in the Supplementary Conditions as provided in paragraph 4.06 of the General Conditions.
- E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect costs, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.
- F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of the work to be performed by the County and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- I. Bidder has given Engineer of Record written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer of Record is acceptable to Bidder.
- J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

- 4.01** Bidder further represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any individual or entity to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over the County.
- 5.01** Bidder will complete the Work in accordance with the Contract Documents for the following price(s):



BASE BID					
Item No.	Pay Item Description	Units	Quantity	Cost Per Unit	Total Cost
<b>SANITARY SEWER SYSTEM</b>					
<b>Item 1.0 General</b>					
1.1	Mobilization/General Requirements (Each Not to Exceed 5% of Sewer System Bid Price)	LS	1		\$
1.2	Maintenance of Traffic (MOT)	LS	1		\$
1.3	Final Measures (As-Builts)	LS	1		\$
<b>Subtotal</b>					\$
<b>Item 2.0 Site Work</b>					
2.1	50% Removal of Asphaltic Concrete Street Pavement	SY	14450		\$
2.2	50% 12" Limerock Base Coarse	SY	14450		\$
2.3	50% 1.5" Asphaltic Concrete	SY	14450		\$
2.4	50% Pavement Markings	LF	145		\$
2.5	50% Mill & Resurface	SY	50		\$
2.6	50% Surface Restoration of Unpaved Roadways (Millings)	SY	2425		\$
2.7	Sod	SY	400		\$
2.8	Gopher Tortoise Relocation Allowance	LS	1		\$
<b>Subtotal</b>					\$
<b>Item 3.0 Wastewater Collection System</b>					
3.1	8-inch Sanitary Sewer	LF	12705		\$
3.2	4-ft Diameter Manhole	EA	46		\$
3.3	5-ft Diameter Manhole	EA	2		\$
3.4	Drop Manholes	EA	5		\$
3.5	4-in Sanitary Service Lateral	EA	310		\$
3.6	6-in. Sanitary Service Lateral	EA	3		\$
3.7	4-inch Sanitary Forcemain, Unrestrained	LF	1930		\$
3.8	4-inch Sanitary Forcemain, Restrained	LF	380		\$
3.9	Gate Valves	EA	5		\$
3.10	Air Release Valve & Vault	EA	4		\$
<b>Subtotal</b>					\$
<b>Item 4.0 Lift Stations</b>					
4.1	Sewer Lift Station 1	LS	1		\$
4.2	Sewer Lift Station 2	LS	1		\$
<b>Subtotal</b>					\$
<b>WATER DISTRIBUTION SYSTEM</b>					
<b>Item 5.0 General</b>					
5.1	Mobilization/General Requirements (Each Not to Exceed 5% of Water Distribution System Bid Price)	LS	1		\$
5.2	Maintenance of Traffic (MOT)	LS	1		\$
5.3	Final Measures (As-Builts)	LS	1		\$
<b>Subtotal</b>					\$
<b>Item 6.0 Sitework</b>					
6.1	50% Removal of Asphaltic Concrete Street Pavement	SY	14450		\$
6.2	50% 12" Limerock Base Coarse	SY	14450		\$
6.3	50% 1.5" Asphaltic Concrete	SY	14450		\$
6.4	50% Pavement Markings	LF	145		\$
6.5	50% Mill & Resurface	SY	50		\$
6.6	50% Surface Restoration of Unpaved Roadways (Millings)	SY	2425		\$
6.7	Sod	SY	325		\$
6.8	Gopher Tortoise Relocation Allowance	LS	1		\$
6.9	Miscellaneous Concrete Replacement	SF	125		\$
<b>Subtotal</b>					\$

<b>Item 7.0 Water Distribution System</b>					
7.1	2-inch Water Main, Unrestrained	LF	2440		\$
7.2	4-inch Water Main, Unrestrained	LF	1930		\$
7.3	6-inch Water Main, Unrestrained	LF	3210		\$
7.4	8-inch Water Main, Unrestrained	LF	840		\$
7.5	10-inch Water Main, Unrestrained	LF	0		\$
7.6	2-inch Water Main, Restrained	LF	610		\$
7.7	4-inch Water Main, Restrained	LF	550		\$
7.8	6-inch Water Main, Restrained	LF	1380		\$
7.9	8-inch Water Main, Restrained	LF	1340		\$
7.10	10-inch Water Main, Restrained	LF	20		\$
7.11	Gate Valves	EA	54		\$
7.12	Fire Hydrant Assembly	EA	7		\$
7.13	Automatic Blow-Off/Flushing Assembly	EA	8		\$
7.14	3/4" Short Side Single Service Connection and Meter Box	EA	149		\$
7.15	3/4" Long Side Single Service Connection and Meter Box	EA	147		\$
7.16	2" Single Service Connection	EA	2		\$
<b>Subtotal</b>					\$
<b>TOTAL BASE BID LUMP SUM (ITEMS 1.0 to 7.0)</b>					\$



Lump sum price has been computed in accordance with Paragraph 11.01 of the General Conditions.

All specific cash allowances are included in the price(s) set forth above and have been computed in accordance with paragraph 11.02 of the General Conditions.

Unit prices have been computed in accordance with Paragraph 11.03B of the General Conditions.

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids. Final payment of all Unit Price Bid Items will be based on actual quantities as determined in the Contract Documents.

**6.01** Bidder agrees that the Work will be substantially complete within \_\_\_\_ calendar days after the date when the Contract Times commence to run as provided in paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with paragraph 14.07.B of the General Conditions within \_\_\_\_ calendar days from the date of substantial completion. Total contract time shall be \_\_\_\_ calendar days; for everyday the work goes beyond substantial completion, a day will be removed from final completion so the total days equal \_\_\_\_ calendar days.

**6.02** Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified above, which shall be stated in the Agreement.

**7.01** The following documents are attached to and made a condition of this Bid:

- A. Bid Security in the form of a certified check of Bid Bond (Section 00 43 15)
- B. Tabulation of Subcontractors & Suppliers (Section 00 43 35)
- C. Florida Trench Safety Act Certification (Section 00 44 55)
- D. Bidder's Qualification Statement (Section 00 45 13)
- E. Non-collusion Affidavit (Section 00 45 19)
- F. Drug-Free Workplace Certificate (Section 00 45 20)
- G. Public Entity Crimes Statement
- H. Statement of Disputes, Litigation & Surety Completion

**8.01** The terms used in this Bid with initial capital letters have the meanings indicated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

SUBMITTED on \_\_\_\_\_, 20\_\_\_\_\_.

State Contractor License No. \_\_\_\_\_.

If Bidder is:

An Individual

Name (typed or printed): \_\_\_\_\_

By: \_\_\_\_\_

*(Individual's Signature)*

Doing business as: \_\_\_\_\_

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_

A Partnership

Partnership Name: \_\_\_\_\_

By: \_\_\_\_\_

*(Signature of general partner - attach evidence of authority to sign)*

Name (typed or printed): \_\_\_\_\_

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_



A Corporation

Corporation Name: \_\_\_\_\_ (SEAL)

State of Incorporation: \_\_\_\_\_

Type (General Business, Professional, Service, Limited Liability): \_\_\_\_\_

By: \_\_\_\_\_

*(Signature - attach evidence of authority to sign)*

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_ (CORPORATE SEAL)

Attest \_\_\_\_\_

*(Signature of Corporate Secretary)*

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_

Date of Qualification to do business is \_\_\_\_\_

A Joint Venture

Joint Venturer Name: \_\_\_\_\_

By: \_\_\_\_\_

*(Signature of joint venture partner - attach evidence of authority to sign)*

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_

Joint Venturer Name: \_\_\_\_\_

By: \_\_\_\_\_

*(Signature - attach evidence of authority to sign)*

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

Business address: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_

Phone and FAX Number, and Address for receipt of official communications:

\_\_\_\_\_  
\_\_\_\_\_

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in a manner indicated above.)

**END OF SECTION**



## SECTION 00 52 15

### AGREEMENT

THIS AGREEMENT is dated as of the \_\_\_\_\_ day of \_\_\_\_\_ in the year \_\_\_\_\_ by and between \_\_\_\_\_ (Owner) and \_\_\_\_\_ (Contractor).

Owner and Contractor, in consideration of the mutual covenants hereinafter set forth, agree as follows:

#### ARTICLE 1 - WORK

- 1.01** Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows but not limited to:

This project consists of Well and Septic Tank Phase-Out. The work to be performed is generally described as construction of a sanitary sewer collection and transmission system and potable water distribution system and includes but not limited to:

Site furnishing of all equipment, labor, materials and supervision necessary for the construction of both a sanitary sewer collection and transmission system and potable water distribution system, including but not limited to all manholes, gravity sewer mains, lift stations, force mains, water mains, service laterals, water services, permitting, testing, associated site grading and restoration, all associated materials, labor and equipment, and all incidental work as called for in the Contract Documents complete and in place. The Contractor shall furnish, install, test and place in operation the sanitary sewer collection and transmission system and water distribution system shown on the drawings and specified hereinafter. All applicable sections of Nassau County Standard Specifications and JEA 2019 Water and Wastewater Standards shall be considered part of this work. All references to Industry Standards (ASTM, ANSI, etc.) shall be to the latest revision unless otherwise stated. Only those materials included in the JEA Water and Wastewater Standards Manual, unless called out different within the Contract Documents, shall be installed. All materials shall be new unless specifically called for otherwise. All structures, manholes, piping, lift stations, meters, and panels shall require a complete shop drawing submittal, as detailed in this specification for review and approval prior to the start of construction.

All work shall be in accordance with the construction drawings, specifications, and contract documents.

#### ARTICLE 2 - THE PROJECT

- 2.01** The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

**Nassau Amelia Utilities (NAU)  
American Beach Water and Sewer District Well and Septic Tank Phase Out  
Program  
Bid Number NC 21-029  
Nassau County, Florida**

**ARTICLE 3 - ENGINEER OF RECORD**

- 3.01** The Project has been designed by Wade Trim, Inc. on behalf of FGUA, who is to act as the County's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer of Record in the Contract Documents in connection with completion of the Work in accordance with the Contract Documents.

**ARTICLE 4 - CONTRACT TIMES**

**4.01 Time of the Essence**

- A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.
- B. The Contractor hereby agrees to commence work under this contract on a date to be specified in written "Notice to Proceed" of the County and to fully complete the project as specified in Section 4.02 of this Agreement.

**4.02 Days to Achieve Substantial Completion and Final Payment**

The Work will be substantially completed within 90 days after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions within 30 calendar days from the date of substantial completion. Total contract time shall be 120 calendar days; for everyday the work goes beyond substantial completion, a day will be removed from final completion so the total days equal 120 calendar days.

**4.03 Liquidated Damages**

- A. Contractor and the County recognize that time is of the essence of this Agreement and that the County will suffer financial loss if the Work is not completed within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. The parties also recognize the delays, expense, and difficulties involved in proving in legal or arbitration proceeding



the actual loss suffered by the County if the Work is not completed on time. Accordingly, instead of requiring any such proof, the County and Contractor agree that as liquidated damages for delay (but not as a penalty) Contractor shall pay the County \$1,000.00 for each day that expires after the time specified in Paragraph 4.02 for Substantial Completion and until the Work is substantially complete. After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Time or any proper extension thereof granted by the County, Contractor shall pay the County \$500.00 for each day that expires after the time specified in Paragraph 4.02 for completion and readiness for final payment until the Work is completed and ready for final payment.

## **ARTICLE 5 - CONTRACT PRICE**

- 5.01** The County shall pay Contractor for completion of the Work in accordance with the Contract Documents in current funds as follows: See Section 00 41 15, Bid Form equal to the sum of the amounts determined pursuant to Paragraph 14 "Payments to Contractor and Completion" of the General Conditions.

## **ARTICLE 6 - PAYMENT PROCEDURES**

### **6.01 Submittal and Processing of Payments**

- A. Contractor shall submit Applications for Payment in accordance with Article 14 of the General Conditions. Applications for Payment will be processed by the County as provided in the General Conditions.

### **6.02 Progress Payments; Retainage**

- A. The County shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment once each month during performance of the Work as provided in Paragraphs 6.02.A.1 and 6.02.A.2 below. All such payments will be measured by the schedule of values established as provided in Paragraph 2.07.A of the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no schedule of values, as provided in the General Requirements:

1. ~~Prior to Substantial Completion,~~ Progress payments will be made in an amount equal to the percentage indicated below, but, in each case, less the aggregate of payments previously made and less such amounts as Engineer of Record may determine or the County may withhold, including but not limited to liquidated damages, in accordance with Paragraph 14.02 of the General Conditions:

- a. ~~90~~ 95% percent of the Work completed (with the balance being retainage)
- b. ~~90~~ 95% percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).

~~2. Upon Substantial Completion, the County shall pay an amount sufficient to increase total payments to Contractor to 95% percent of the Contract Price (with the balance being retainage), less such amounts as Engineer of Record shall determine or the County may withhold, for incomplete work and for other items in accordance with Paragraph 14.02 of the General Conditions.~~

### **6.03 Final Payment**

- A. Upon final completion and acceptance of the Work in accordance with Paragraph 14.07 of the General Conditions, the County shall pay the remainder of the Contract Price as recommended by Engineer of Record as provided in said Paragraph 14.07.
- B. Final Release of Retainage and acceptance of the project must be approved by the Board of County Commissioners.

## **ARTICLE 7 - INTEREST**

- 7.01** All moneys not paid when due as provided in Article 14 of the General Conditions shall bear interest at the rate of 0 percent per annum.

## **ARTICLE 8 - CONTRACTOR'S REPRESENTATIONS**

- 8.01** In order to induce the County to enter into this Agreement Contractor makes the following representations:
- A. Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.
  - B. Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
  - C. Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.
  - D. Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site



(except Underground Facilities) which have been identified in the Supplementary Conditions as provided in Paragraph 4.02 of the General Conditions and (2) reports and drawings of a Hazardous Environmental Condition, if any, at the Site which has been identified in the Supplementary Conditions as provided in Paragraph 4.06 of the General Conditions.

- E. Contractor has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, including applying the specific means, methods, techniques, sequences, and procedures of construction, if any, expressly required by the Bidding Documents, and safety precautions and programs incident thereto.
- F. Contractor does not consider that any additional examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- G. Contractor is aware of the general nature of work to be performed by the County and others at the Site that relates to the Work as indicated in the Contract Documents.
- H. Contractor has correlated the information known to Contractor, information and observations obtained from visits to the Site, reports, drawings and exhibits identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
- I. Contractor has given Engineer of Record written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer of Record is acceptable to Contractor.
- J. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance of the Work.

## **ARTICLE 9 - CONTRACT DOCUMENTS**

### **9.01 Contents**

- A. The Contract Documents consist of the following:
1. This Agreement
  2. Addenda, if any
  3. General Conditions
  4. Supplementary Conditions
  5. Florida Department of Environmental Protection Supplemental Conditions
  6. Technical Specifications
  7. Construction Drawings
  8. Exhibits to this Agreement incorporated by reference as if set forth herein (enumerated as follows):
    - a. Contractor's Bid
    - b. Documentation submitted by Contractor prior to Notice of Award
    - c. Project Manual table of contents
    - d. Construction Drawing index
    - e. Performance Bond
    - f. Payment Bond
  9. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
    - a. Notice to Proceed
    - b. Work Change Directives
    - c. Change Orders
    - d. Certificate of Substantial Completion
    - e. Certificate of Final Inspection
    - f. Certificate of Engineer
    - g. Certificate of Final Completion
    - h. Contractor's release
    - i. Drawings and plans
    - j. Supplemental Agreements
    - k. Contractor's Waiver of Lien (Partial)
    - l. Contractor's Waiver of Lien (Final and Complete)
    - m. Subcontractor/Vendor's Waiver of Lien (Final and Complete)
    - n. Consent of Surety to Final Payment
    - o. Instructions to Bidders
    - p. Contractor's Insurance Requirements, as set forth in the Bid Documents
- B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed above in this Article 9



- D. The Contract Documents may only be amended, modified, or supplemented as provided in paragraph 3.04 of the General Conditions.

## **ARTICLE 10 - MISCELLANEOUS**

### **10.01 Terms**

- A. Terms used in this Agreement will have the meanings indicated in the General Conditions and the Supplementary Conditions.

### **10.02 Assignment of Contract**

- A. No assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

### **10.03 Successors and Assigns**

- A. The County and Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

### **10.04 Severability**

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the County and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

### **10.05 Other Provisions**

#### **A. Public Records Requirement:**

The County is a public agency subject to Chapter 119, Florida Statutes. IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO

PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (904) 530-6250, DMOODY@NASSAUCOUNTYFL.COM, 96161 NASSAU PLACE, YULEE, FLORIDA 32097. Under this agreement, to the extent that the contractor is providing services to the County, and pursuant to Section 119.0701, Florida Statutes, the contractor shall;

- a. Keep and maintain public records required by the public agency to perform the service.
- b. Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
- c. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
- d. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

[Remainder of page intentionally left blank]



IN WITNESS WHEREOF, the County and Contractor have signed this Agreement in triplicate. One counterpart each has been delivered to the County, Contractor, and Engineer of Record. All portions of the Contract Documents have been signed or identified by the County and Contractor or identified by Engineer of Record on their behalf.

This Agreement will be effective on the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver (which is the Effective Date of the Agreement).

OWNER

Nassau County Board of County Commissioners

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

[CORPORATE SEAL]

Attest: \_\_\_\_\_

Title: \_\_\_\_\_

Address for giving notices:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

CONTRACTOR

\_\_\_\_\_

Signed: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

[CORPORATE SEAL]

Attest: \_\_\_\_\_

Title: \_\_\_\_\_

Address for giving notices:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_ FAX: \_\_\_\_\_

License \_\_\_\_\_

(Where applicable)

Approved as to form by County Attorney  
Agent for service of process:

---

Signature

(If Owner is a corporation, attach evidence of authority to sign. If Owner is a public body, attach evidence of authority to sign and resolution or other documents authorizing execution of Owner-Contractor Agreement.)

(If Contractor is a corporation or a partnership, attach evidence of authority to sign.)



## **SECTION 01025 MEASUREMENT AND PAYMENT**

### **PART I – GENERAL**

#### **1.01 SCOPE OF PAYMENT**

- A. Payment to the CONTRACTOR will be made for actual quantities and Work completed and accepted in accordance with the Contract.
- B. The CONTRACTOR shall accept in compensation provided herein full payment for furnishing all materials, labor, tools, equipment, and incidentals necessary to complete all Work included in the Contract. The OWNER will make no allowances for Items not included in the proposal.
- C. The payment of any progress payment shall not relieve the CONTRACTOR of his obligation to repair any defective Work or of his responsibility for all damage due to such defects.
- D. No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work if not shown as a separate pay item.
  - 1. Clearing and grubbing
  - 2. Excavation, including necessary pavement base and Coquina rock removal
  - 3. Shoring and sheeting
  - 4. Disposal of surplus water from dewatering activities
  - 5. Structural fill
  - 6. Backfill
  - 7. Grading
  - 8. Replacement of unpaved roadways, grass and shrubbery plots
  - 9. Cleanup
  - 10. Testing and placing system into operation
  - 11. Any material and equipment required to be installed and utilized for the test
  - 12. Pipe, structures, pavement replacement and/or appurtenances included within the limits of lump sum work
  - 13. Maintaining the existing quality of service during construction
  - 14. Appurtenant work as required for a complete and operable system
  - 15. Driveway/Sidewalk Removal/Replacement

#### **1.02 PROCEDURE FOR MEASUREMENT**

- A. For lump sum items, payment shall be based on the lump sum prices set forth in the Bid Form and based on the amount of completed Work as determined by the accepted Schedule of Values.
- B. For field measured unit-price items; payment shall be based on the actual amount of Work accepted and the actual amount of materials in place, as will be determined by the final measurements.
  - 1. All units of measurement shall be standard United States convention as it applies to the specific items of Work by tradition and as interpreted by the ENGINEER.
  - 2. Once each month the ENGINEER will prepare two "Monthly Progress Summation" forms from the month's accumulation of "Daily Progress Reports".
  - 3. The completed forms will provide the basis of the ENGINEER'S monthly quantity



estimate upon which payment will be made. Items not appearing on both the Daily Progress Reports and the Monthly Progress Summations will not be included for payment. Items appearing on forms not properly signed by the CONTRACTOR will not be included for payment.

4. After the Work is completed and before final payment is made, the OWNER will make final field measurements to determine the quantities of various items of Work accepted as the basis for final settlement.

#### 1.03 PROGRESS PAYMENT

- A. Progress payments shall be made monthly as Work progresses in accordance with the provisions of the General Conditions based on an accepted Progress Schedule; Schedule of Values and field measured unit quantities.

#### 1.04 ESTIMATED QUANTITIES

- A. All estimated field measure quantities stipulated in the Bid Form or other Contract Documents are approximate and are to be used only (a) as a basis for estimating the probable cost of the Work and (b) for purpose of comparing the bids submitted for the Work. The actual amounts of Work done under field measured unit price items may differ from the estimated quantities.
- B. The basis of payment for Work will be the actual amount of Work done and field measured unless it exceeds the estimated quantities in which case a change order must be approved prior to payment for quantities exceeding the estimated quantity.

#### 1.05 INCIDENTAL WORK

- A. All work shown on the plans and referenced in the specifications as being part of the contract for which no separate pay item is provided is considered incidental to the contract. Incidental items are to be incorporated into the pay items provided. Claims for separate payment of incidental items will not be considered.

#### 1.06 FINAL PAYMENT

- B. The OWNER shall make final payment upon final acceptance of the work as set forth in the General Conditions.

#### 1.07 ITEMS OF THE PROPOSAL

- A. Mobilization/General Requirements Bid Item 1.1

Mobilization will be paid for at the Contract Unit Price per lump sum basis. Price paid shall be payment in full for all labor, material, and equipment necessary for all preparatory work and operations, including, but not limited to, those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of the CONTRACTOR's, ENGINEER's, and OWNER's field offices, and other facilities necessary to undertake the work on the project; and for other work and operations which must be performed, or for expenses incurred, prior to beginning work on the various contract items on the project site. It shall also include preconstruction costs, including required NPDES and ROW permits, insurance and bonds, consideration for indemnification to the County and the Engineer, exclusive of bidding costs and the cost of construction materials, which are necessary direct costs to the project and are of a general nature rather than directly attributable to other pay items under the contract.



B. Maintenance of Traffic (MOT) Bid Item 1.2

Traffic maintenance and control will be paid for at the Contract Unit Price on a lump sum basis. Price paid shall be payment in full for all labor, material, and equipment required for maintaining traffic, development and coordination in development of an approved maintenance of traffic plan, and shall include, but is not limited to, furnishing, installing, operating, and maintaining all barricades, lighted arrow boards, drums, traffic control devices, signs, channeling devices, cones, flagmen, flag control, pavement markings, warning flashers, concrete barriers, minor traffic devices, and all other items necessary to complete the job, whether specifically mentioned or implied.

C. Final Measures (As-Builts) Bid Item 1.3

Final Measures (As-Builts) will be paid for at the Contract lump sum price as specified in the Proposal. Price paid shall be payment in full for all labor, material, equipment, and supplies necessary for furnishing completed final measures in accordance with the Bid Form.

D. 50% Removal Existing Asphaltic Concrete Street Pavement Bid Item 2.1

Removal of bituminous pavement, regardless of thickness, will be paid for at the Contract Unit Price per square yard. Price paid shall be payment in full for all labor, material, and equipment necessary for removing and disposing bituminous pavement, and shall include, but is not limited to, all saw cutting, excavation, protection of existing improvements, removal and disposal of unsuitable material, barricading, miscellaneous restoration or cleanup, and all other items necessary to complete the Work, whether specifically mentioned or implied. Measurement for removal of bituminous pavement will be by field measure of removed pavement in square yards.

E. 50% 12" Limerock Base Course Bid Item 2.2

Payment for base material will be made for limerock base material as shown, or ordered, for the thickness specified. Payment will include furnishing, placing, and compacting the material. Payment will be per square yard of base material compacted within the payment limits shown on the Plans.

F. 50% 1.5" Asphaltic Concrete Bid Item 2.3

Payment for asphaltic concrete pavement replacement will include furnishing and placing base material and asphaltic concrete pavement within the pavement limits shown and the thickness shown and specified herein and on the contract documents. Payment will also include prime coat and tack coats. Payment will be per square yard of asphaltic concrete pavement replaced. No payment will be made for asphaltic concrete pavement if the mix delivered does not conform to the Technical Specifications, or if the thickness of asphalt or base is less than specified.

G. 50% Pavement Markings Bid Item 2.4

Pavement markings of the type, width and color specified on the Plans, will be paid for at the Contract Unit Price per linear foot unit basis. Price paid shall be payment in full for all labor, material, and equipment necessary for pavement markings, actually placed, and shall include, but is not limited to, all preparation of surface, layout, removing any old markings, applying proposed pavement markings, glass beads, providing temporary barricading, cleanup, and all items necessary to complete the job, whether specifically mentioned or implied. Measurement for pavement markings will be in linear feet, determined by field measurement of the actual lines placed. Measurement for skip pavement markings shall be



in linear feet for the full length with no deduction for the skipped portion of the line length.

H. 50% Pavement Milling, Salvage, and Resurfacing Bid Item 2.5

Work under this Pay Item provides for all costs for removal and storage of existing asphalt outside the limits of the trench limits for installation of the proposed utilities by cold milling, average depth of 1.5 inches of asphalt, and resurfacing with asphaltic concrete roadway overlay to the extents identified on the plans at the points of connection and intersections. The price quoted shall be per square yard of material replaced to the thickness specified, and shall include all required labor, equipment, material, handling of salvaged material, and disposal of unsuitable material.

I. 50% Surface Restoration of Unpaved Roadways (Millings) Bid Item 2.6

Work under this Pay Item provides for all costs for handling, furnishing, placing, and compacting, average depth of 1 inch of recycled millings to restore roadways to the existing condition prior to construction. Payment will include furnishing, placing, and compacting the material. Payment will be per square yard of base material compacted within the payment limits shown on the Plans.

J. Sod (Sanitary System) Bid Item 2.7

Restoration with topsoil (of the depth specified), and sod will be paid for at the Contract Unit Price per square yard unit basis. Price paid shall be payment in full for all labor, material, and equipment necessary to construct the right-of-way to the cross section shown on the Plans or as determined by the ENGINEER, and shall include, but is not limited to all excavation, subgrade preparation, filling, shaping, grading, plowing, discing, raking, disposing of unsuitable material and excess material, furnishing fill and topsoil, placing sod, pegging, rolling, tamping, mowing, maintenance and care, and all items necessary to complete the job, whether specifically mentioned or implied. The CONTRACTOR shall restore all areas disturbed by his operations. Measurement for restoration with topsoil and sod will be determined by taking the length along the property line, field measured in linear feet, on each side of the proposed pavement, less the driveway width or the pavement width at the intersections. The limits of right-of-way restoration shall be as follows:

For rights-of-way with ditches, the limits of right-of-way restoration will be between a line located 1-foot from the top of ditch back slope nearest the right-of-way line, to the right-of-way line. For rights-of-way without ditches, the limits of right-of-way restoration will be between the edge of pavement and the right-of-way line.

Areas disturbed outside of the limits indicated shall be restored at the CONTRACTOR's expense.

K. Gopher Tortoise and Indigo Snake Relocation Allowance (Sanitary System) Bid Item 2.8

Relocation of Gopher Tortoises or Indigo Snakes will be paid for from the Contract Lump Sum Allowance on an as needed basis. Price paid shall be payment in full for all labor, material, and equipment necessary for professional relocation and handling of gopher tortoises and indigo snakes on an as needed basis during construction. Measurement for gopher tortoise and indigo snake relocations shall be by subcontractor invoice provided by professional, licensed environmental science firm on an as needed basis submitted to the ENGINEER at time of placement.

L. 8-inch Sanitary Sewer Bid Item 3.1

Sanitary sewer, of the type, diameter and class specified, in open cut trench, will be paid for at



the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing gravity sewer main and shall include, but is not limited to, all specials, silt fencing, construction baseline determination, construction staking, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), testing, CCTV inspection, backfill density testing, flushing, final cleanup, connections at proposed manholes, and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for sanitary sewer will be in linear feet along the horizontal centerline, regardless of vertical deflection of the pipe, taken from the inside wall of the manhole to the inside wall of the adjoining manhole.

M. 4-ft Diameter Manholes

Bid Item 3.2

Manholes, of the type, diameter and class specified in open cut trench will be paid for at the Contract Unit Price per the Bid Form. Payment for manholes will be made at the unit rate amount regardless of depth. No special payment for construction depth will be made. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing sanitary sewer manholes and shall include, but is not limited to, all specials, silt fencing, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, lining, coatings, rim and cover, rim adjustments to grade, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), testing, CCTV inspection, backfill density testing, flushing, final cleanup, connections to sanitary sewer, and all other items necessary to complete the job, whether specifically mentioned or implied.

N. 5-ft Diameter Manholes

Bid Item 3.3

Manholes, of the type, diameter and class specified in open cut trench will be paid for at the Contract Unit Price per the Bid Form. Payment for manholes will be made at the unit rate amount regardless of depth. No special payment for construction depth will be made. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing sanitary sewer manholes and shall include, but is not limited to, all specials, silt fencing, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, lining, coatings, rim and cover, rim adjustments to grade, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), testing, CCTV inspection, backfill density testing, flushing, final cleanup, connections to sanitary sewer, and all other items necessary to complete the job, whether specifically mentioned or implied.

O. Drop Manholes

Bid Item 3.4

Manholes, of the type, diameter and class specified in open cut trench will be paid for at the Contract Unit Price per the Bid Form. Payment for manholes will be made at the unit rate amount regardless of depth. No special payment for construction depth will be made. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing sanitary sewer manholes and shall include, but is not limited to, all specials, silt fencing, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, lining, coatings, rim and cover, rim adjustments to grade, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), testing, CCTV inspection, backfill density testing, flushing, final cleanup, connections to sanitary sewer, and all other items necessary to complete the job, whether specifically mentioned or implied.



P. 4-inch Sanitary Lateral Bid Item 3.5

Sanitary sewer laterals of the length and types specified, will be paid for at the Contract Unit Price per each as specified in the Bid Form. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing sanitary laterals to the right of way line and shall include, but is not limited to, service wye, electronic marker balls, identification for vacant lots per the JEA details, clean-outs, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), connection to new sanitary main, restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied.

Q. 6-inch Sanitary Lateral Bid Item 3.6

Sanitary sewer laterals of the length and types specified, will be paid for at the Contract Unit Price per each as specified in the Bid Form. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing sanitary laterals to the right of way line and shall include, but is not limited to, service wye, electronic marker balls, identification for vacant lots per the JEA details, clean-outs, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), connection to new sanitary main, restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied.

R. 4-inch Sanitary Force Main, Unrestrained Bid Item 3.7

Force main, of the type, diameter and class specified, in open cut trench, will be paid for at the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing force main and shall include, but is not limited to, all specials, electronic ball markers, tracer wire, polyethylene wrapping, excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), roadway base course, hydrostatic testing, locator wire "continuity testing", backfill density testing, flushing, final cleanup, and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for force main will be in linear feet along the horizontal centerline, regardless of vertical deflection of the pipe taken from end-to-end with no reduction for fittings and valves except for special structures, sections or connections for which either lump sum or unit prices have been taken will be deducted from the total length of force main and will be paid for at the prices bid therefor.

S. 4-inch Sanitary Force Main, Restrained Bid Item 3.8

Force main, of the type, diameter and class specified, in open cut trench, will be paid for at the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing force main and shall include, but is not limited to, all specials and ductile iron fittings with Protecto 401 coating, electronic ball markers, tracer wire, polyethylene wrapping, excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, temporary blow-offs, restraints, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), roadway base course,



hydrostatic testing, locator wire "continuity testing", backfill density testing, flushing, final cleanup, connections to existing discharge manhole, connections at valve vaults, and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for force main will be in linear feet along the horizontal centerline, regardless of vertical deflection of the pipe taken from end-to-end with no reduction for fittings and valves except for special structures, sections or connections for which either lump sum or unit prices have been taken will be deducted from the total length of force main and will be paid for at the prices bid therefor.

T. Sanitary Gate Valve Bid Item 3.9

Valves and valve boxes will be paid for at the Contract Unit Price per each as specified in the Bid Form. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing valve and valve box, and shall include, but is not limited to, valve box foundation, plastic debris shield, electronic ball markers, blue paint, tracer wire, steel reinforcing, valve tags, blocks, valve box sections, stone (#57), adjusting rings, box frame and cover, coatings, valve box, all necessary excavation, sheeting and bracing, shoring, dewatering, connection to water main, backfilling, restraints, disposal of excess excavated material, thrust blocks, restoration, adjustments to final grade, cleanup, concrete collar in unpaved areas, and all other items necessary to complete the job, whether specifically mentioned or implied. Valves and wells will be measured as units installed.

U. Air Release Valves and Vault Bid Item 3.10

Automatic air release valve assemblies and vaults with rim and cover will be paid for at the Contract Unit Price per each as specified in the Bid Form Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing air release assemblies, and shall include, but is not limited to, automatic air release valve, enclosure, miscellaneous pipe connecting assembly to force main, fittings, all necessary excavation, sheeting and bracing, shoring, dewatering, backfilling, disposal of excess excavated material, restraints, painting to OWNER'S standards, testing, restoration, cleanup, and all other items necessary to complete the job, whether specifically mentioned or implied.

V. Sanitary Sewer Lift Station 1 Bid Item 4.1

Lift station payment will be based on the lump sum price as stated in the Bid Form and will be full compensation for furnishing all labor, materials, and equipment necessary to construct the proposed pump station to the influent manhole. Work includes but is not necessarily limited to the following: Pump Station components, site grading, electrical components, wet well, valve vault, appurtenances, and mechanical equipment including hatches, driveway, top slabs, valves, pumps, motors, control panel, cables, rails, pressure piping and appurtenances as shown on the Drawings. All coordination, materials and equipment, tools, and labor to install new SCADA/mission control panel with cellular capabilities, water service connection, fully operational landscaping system, landscaping as shown on the contract plans, and electrical equipment. All coordination with the electric power company, materials, equipment, tools, labor and fees to install an electrical service connection at the lift station site per the plans. Installation of all site and adjacent improvements noted on drawings including driveways and driveway connections, drainage and swale piping, asphalt and concrete paving, rock fill and sodding. All work required to construct, complete start-up testing and deliver a complete operational Pump Station without interruption of service. Measurement for this item shall be based on satisfactory construction of the proposed Pump Station complete and ready for continuous operation.



W. Sanitary Sewer Lift Station 2

Bid Item 4.2

Lift station payment will be based on the lump sum price as stated in the Bid Form and will be full compensation for furnishing all labor, materials, and equipment necessary to construct the proposed pump station to the influent manhole. Work includes but is not necessarily limited to the following: Pump Station components, site grading, electrical components, wet well, valve vault, appurtenances, and mechanical equipment including hatches, top slabs, valves, pumps, motors, control panel, cables, rails, pressure piping and appurtenances as shown on the Drawings. All coordination, materials and equipment, tools, and labor to install new SCADA/mission control panel with cellular capabilities, water service connection, fully operational landscaping system, landscaping as shown on the contract plans, and electrical equipment. All coordination with the electric power company, materials, equipment, tools, labor and fees to install an electrical service connection at the lift station site per the plans. Installation of all site and adjacent improvements noted on drawings including driveways and driveway connections, drainage and swale piping, asphalt and concrete paving, rock fill and sodding. All work required to construct, complete start-up testing and deliver a complete operational Pump Station without interruption of service. Measurement for this item shall be based on satisfactory construction of the proposed Pump Station complete and ready for continuous operation.

X. Mobilization/General Requirements (Water System)

Bid Item 5.1

Mobilization will be paid for at the Contract Unit Price per lump sum basis. Price paid shall be payment in full for all labor, material, and equipment necessary for all preparatory work and operations, including, but not limited to, those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of the CONTRACTOR's, ENGINEER's, and OWNER's field offices, and other facilities necessary to undertake the work on the project; and for other work and operations which must be performed, or for expenses incurred, prior to beginning work on the various contract items on the project site. It shall also include preconstruction costs, including required NPDES and ROW permits, insurance and bonds, consideration for indemnification to the County and the Engineer, exclusive of bidding costs and the cost of construction materials, which are necessary direct costs to the project and are of a general nature rather than directly attributable to other pay items under the contract.

Y. Maintenance of Traffic (MOT)

Bid Item 5.2

Traffic maintenance and control will be paid for at the Contract Unit Price on a lump sum basis. Price paid shall be payment in full for all labor, material, and equipment required for maintaining traffic, development and coordination in development of an approved maintenance of traffic plan, and shall include, but is not limited to, furnishing, installing, operating, and maintaining all barricades, lighted arrow boards, drums, traffic control devices, signs, channeling devices, cones, flagmen, flag control, pavement markings, warning flashers, concrete barriers, minor traffic devices, and all other items necessary to complete the job, whether specifically mentioned or implied.

Z. Final Measures (As-Builts)

Bid Item 5.3

Final Measures (As-Builts) will be paid for at the Contract lump sum price as specified in the Proposal. Price paid shall be payment in full for all labor, material, equipment, and supplies necessary for furnishing completed final measures in accordance with the Bid Form.



AA. 50% Removal Existing Asphaltic Concrete Street Pavement Bid Item 6.1

Removal of bituminous pavement, regardless of thickness, will be paid for at the Contract Unit Price per square yard. Price paid shall be payment in full for all labor, material, and equipment necessary for removing and disposing bituminous pavement, and shall include, but is not limited to, all saw cutting, excavation, protection of existing improvements, removal and disposal of unsuitable material, barricading, miscellaneous restoration or cleanup, and all other items necessary to complete the Work, whether specifically mentioned or implied. Measurement for removal of bituminous pavement will be by field measure of removed pavement is square yards.

BB. 50% 12" Limerock Base Course Bid Item 6.2

Payment for base material will be made for limerock base material as shown, or ordered, for the thickness specified. Payment will include furnishing, placing, and compacting the material. Payment will be per square yard of base material compacted within the payment limits shown on the Plans.

CC. 50% 1.5" Asphaltic Concrete Bid Item 6.3

Payment for asphaltic concrete pavement replacement will include furnishing and placing base material and asphaltic concrete pavement within the pavement limits shown and the thickness shown and specified herein and on the contract documents. Payment will also include prime coat and tack coats. Payment will be per square yard of asphaltic concrete pavement replaced. No payment will be made for asphaltic concrete pavement if the mix delivered does not conform to the Technical Specifications, or if the thickness of asphalt or base is less than specified.

DD. 50% Pavement Markings Bid Item 6.4

Pavement markings of the type, width and color specified on the Plans, will be paid for at the Contract Unit Price per linear foot unit basis. Price paid shall be payment in full for all labor, material, and equipment necessary for pavement markings, actually placed, and shall include, but is not limited to, all preparation of surface, layout, removing any old markings, applying proposed pavement markings, glass beads, providing temporary barricading, cleanup, and all items necessary to complete the job, whether specifically mentioned or implied. Measurement for pavement markings will be in linear feet, determined by field measurement of the actual lines placed. Measurement for skip pavement markings shall be in linear feet for the full length with no deduction for the skipped portion of the line length.

EE. 50% Pavement Milling, Salvage, and Resurfacing Bid Item 6.5

Work under this Pay Item provides for all costs for removal and storage of existing asphalt outside the limits of the trench limits for installation of the proposed utilities by cold milling, average depth of 1.5 inches of asphalt, and resurfacing with asphaltic concrete roadway overlay to the extents identified on the plans at the points of connection and intersections. The price quoted shall be per square yard of material replaced to the thickness specified, and shall include all required labor, equipment, material, handling of salvaged material, and disposal of unsuitable material.

FF. 50% Surface Restoration of Unpaved Roadways (Millings) Bid Item 6.6

Work under this Pay Item provides for all costs for handling, furnishing, placing, and compacting, average depth of 1 inch of recycled millings to restore roadways to the existing condition prior to construction. Payment will include furnishing, placing, and compacting the material. Payment will be per square yard of base material compacted within the payment



limits shown on the Plans.

GG. Sod (Water Mains)

Bid Item 6.7

Restoration with topsoil (of the depth specified), and sod will be paid for at the Contract Unit Price per square yard unit basis. Price paid shall be payment in full for all labor, material, and equipment necessary to construct the right-of-way to the cross section shown on the Plans or as determined by the ENGINEER, and shall include, but is not limited to all excavation, subgrade preparation, filling, shaping, grading, plowing, discing, raking, disposing of unsuitable material and excess material, furnishing fill and topsoil, placing sod, pegging, rolling, tamping, mowing, maintenance and care, and all items necessary to complete the job, whether specifically mentioned or implied. The CONTRACTOR shall restore all areas disturbed by his operations. Measurement for restoration with topsoil and sod will be determined by taking the length along the property line, field measured in linear feet, on each side of the proposed pavement, less the driveway width or the pavement width at the intersections. The limits of right-of-way restoration shall be as follows:

For rights-of-way with ditches, the limits of right-of-way restoration will be between a line located 1-foot from the top of ditch back slope nearest the right-of-way line, to the right-of-way line. For rights-of-way without ditches, the limits of right-of-way restoration will be between the edge of pavement and the right-of-way line.

Areas disturbed outside of the limits indicated shall be restored at the CONTRACTOR's expense.

HH. Gopher Tortoise and Indigo Snake Relocation Allowance (Water Mains)

Bid Item 6.8

Relocation of Gopher Tortoises or Indigo Snakes will be paid for from the the Contract Lump Sum Allowance on an as needed basis. Price paid shall be payment in full for all labor, material, and equipment necessary for professional relocation and handling of gopher tortoises and indigo snakes on an as needed basis during construction. Measurement for gopher tortoise and indigo snake relocations shall be by subcontractor invoice provided by professional, licensed environmental science firm on an as needed basis submitted to the ENGINEER at time of placement.

II. Miscellaneous Concrete Replacement

Bid Item 6.9

The removal and replacement of sidewalks, sidewalk ramps and driveway approaches, with the thickness specified on the Plans, will be paid for at the Contract Unit Price per square foot. Price paid shall be payment in full for all labor, material, and equipment necessary for the removal and replacement of the sidewalk, sidewalk ramps, and driveway approaches and shall include, but is not limited to, all saw cutting, removal and disposal of unsuitable material, compacting and fine grading subgrade, furnishing, placing, and compacting backfill and subbase, construction of expansion joints, also forming, placing, jointing, finishing and curing the concrete, construction of detectable warning, providing protection against rain and cold weather, backfilling, protection of existing improvements, barricading, restoration, and for all items necessary to complete the job, whether specifically mentioned or implied. Measurement for removal and replacement of the sidewalk, sidewalk ramps and driveway approaches will be in square foot, field measured in place. Sidewalk ramps will be measured from back of curb to the key flag or to the end of the monolithic rolled curb whichever is less.

JJ. Water Main – Open-Cut/Trenching, UNRESTRAINED

Bid Item 7.1 to 7.5

Water main, of the type, diameter and class specified, in open cut trench, will be paid for at the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing water main and shall include, but is



not limited to, all specials, electronic ball markers, tracer wire, excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, temporary blow-offs, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), roadway base course, hydrostatic testing, temporary chlorine injection points, chlorination, temporary sample collection points, locator wire "continuity testing", bacteriological testing, backfill density testing, flushing, dechlorination, final cleanup, connections to existing mains and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for water main will be in linear feet along the horizontal centerline, regardless of vertical deflection, of the pipe taken from end-to-end with no reduction for fittings and valves except for special structures, sections or connections for which either lump sum or unit prices have been taken will be deducted from the total length of water main and will be paid for at the prices bid therefor.

KK. Water Main – Open-Cut/Trenching, RESTRAINED Bid Item 7.6 to 7.10

Water main, of the type, diameter and class specified, in open cut trench, will be paid for at the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing water main and shall include, but is not limited to, all specials and ductile iron fittings, electronic ball markers, tracer wire, polyethylene wrapping, excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, temporary blow-offs, restraints, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), roadway base course, hydrostatic testing, temporary chlorine injection points, chlorination, temporary sample collection points, locator wire "continuity testing", bacteriological testing, backfill density testing, flushing, dechlorination, final cleanup, connections to existing mains and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for water main will be in linear feet along the horizontal centerline, regardless of vertical deflection, of the pipe taken from end-to-end with no reduction for fittings and valves except for special structures, sections or connections for which either lump sum or unit prices have been taken will be deducted from the total length of water main and will be paid for at the prices bid therefor.

LL. Potable Gate Valve Bid Item 7.11

Valves and valve boxes will be paid for at the Contract Unit Price per each as specified in the Bid Form. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing valve and valve box, and shall include, but is not limited to, valve box foundation, plastic debris shield, electronic ball markers, blue paint, tracer wire, steel reinforcing, valve tags, blocks, valve box sections, stone (#57), adjusting rings, box frame and cover, cement mortar plaster coat, valve box, all necessary excavation, sheeting and bracing, shoring, dewatering, connection to water main, backfilling, restraints, disposal of excess excavated material, thrust blocks, restoration, adjustments to final grade, cleanup, concrete collar in unpaved areas, and all other items necessary to complete the job, whether specifically mentioned or implied. Valves and wells will be measured as units installed.

MM. Fire Hydrant Assembly Bid Item 7.12

Fire hydrant assemblies will be paid for at the Contract Unit Price per each as specified in the Proposal. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing fire hydrant assemblies, and shall include, but is not limited to, hydrant valves, valve boxes, miscellaneous pipe connecting hydrant to water main, fittings, all necessary excavation, sheeting and bracing, shoring, dewatering, backfilling, disposal of excess excavated material, thrust blocks, painting to OWNER'S standards, raised pavement markers, restoration, cleanup, and all other items necessary to



complete the job, whether specifically mentioned or implied. Hydrants will be measured as units installed.

NN. Automatic Blow-Off/Flushing Assembly Bid Item 7.13

Automatic Blow-Off/Flushing assemblies will be paid for at the Contract Unit Price per each as specified in the Bid Form Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing blow-off assemblies, and shall include, but is not limited to, automatic blow-off assembly, enclosure, miscellaneous pipe connecting assembly to water main, fittings, all necessary excavation, sheeting and bracing, shoring, dewatering, backfilling, disposal of excess excavated material, restraints, painting to OWNER'S standards, raised pavement markers, testing, restoration, cleanup, and all other items necessary to complete the job, whether specifically mentioned or implied.

OO. ¾" Water Service - Short Side Bid Item 7.14

Water service lines of the length and types specified, will be paid for at the Contract Unit Price per each as specified in the Proposal. Price paid shall be payment in full for all labor, material, and equipment necessary for removing existing water line services, furnishing and installing water service lines and shall include, but is not limited to, service saddle, tap, corporation stop, copper tubing, lockable curb stop, OWNER'S standard meter box, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), connection to new water main (including service clamps where specified); restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied. Water service lines will be measured as units installed.

OWNER will provide new meters, meter nipples, and backflow preventers.

PP. ¾" Water Service - Long Side Bid Item 7.15

Water service lines, of the length and type specified, from the new water main to the curb stop will be paid for at the Contract Unit Price per each as specified in the Proposal. Price paid shall be payment in full for all labor, material, and equipment necessary for removing existing water line services and furnishing and installing bored water service lines and shall include, but is not limited to, service saddle, tap, corporation stop, copper tubing, lockable curb stop, OWNER'S standard meter box, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering, boring, grouting, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), connection to new water main (including service clamps where specified), restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied. Water service lines bored under the pavement from new water main to the existing curb stop will be measured as units installed.

OWNER will provide new meters, meter nipples, and backflow preventers.

QQ. 2" Water Service Bid Item 7.16

Water service lines, of the length and type specified, installed under the pavement from the new water main to the existing curb stop will be paid for at the Contract Unit Price per each as specified in the Proposal. Price paid shall be payment in full for all labor, material, and equipment necessary for installing water service lines and shall include, but is not limited to, service saddle, tap, corporation stop, tubing, lockable curb stop, standard meter box, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering,



boring, grouting, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied.

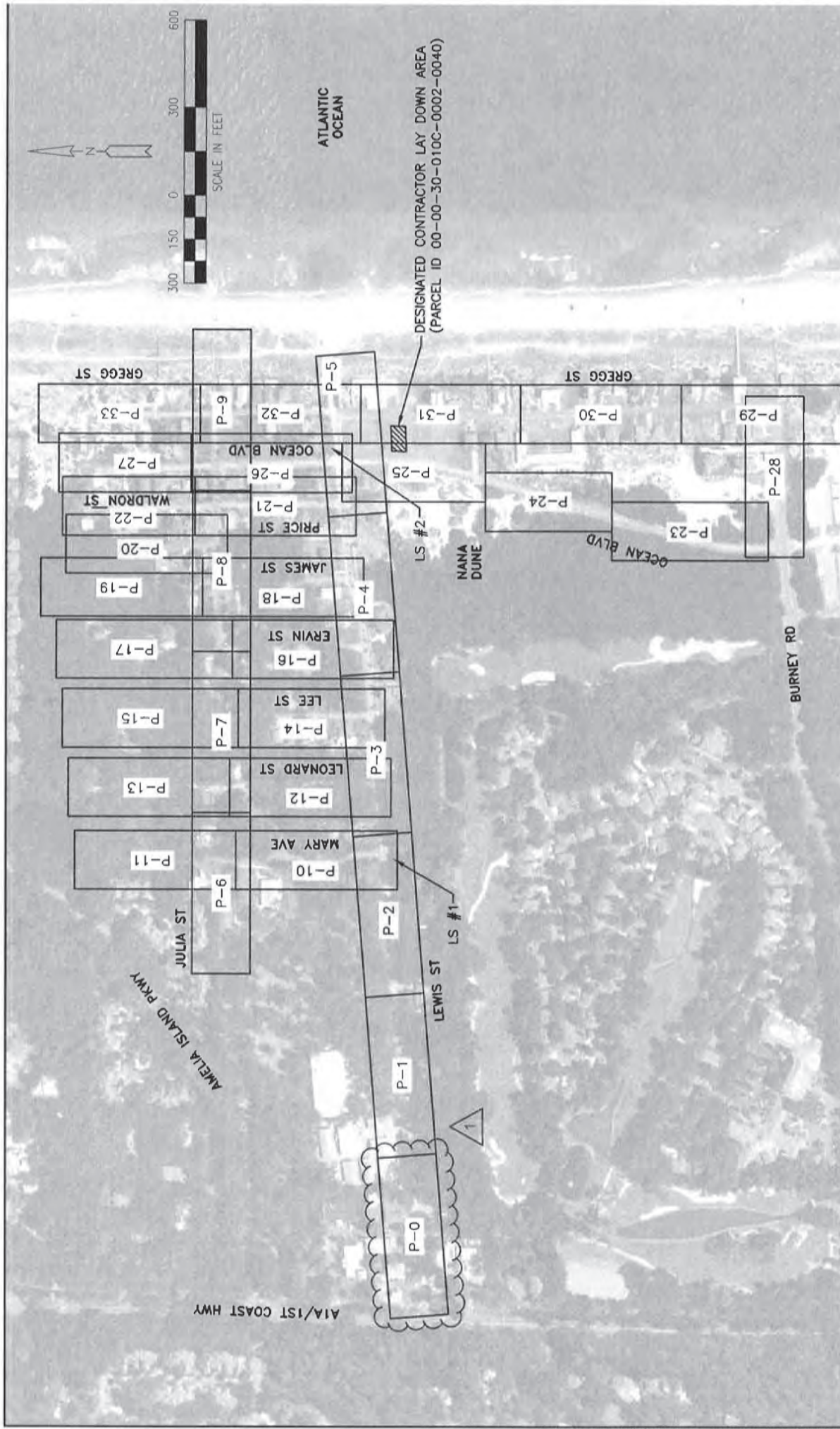
**PART 2 – PRODUCTS (NOT APPLICABLE)**

**PART 3 – EXECUTION (NOT APPLICABLE)**

**END OF SECTION**

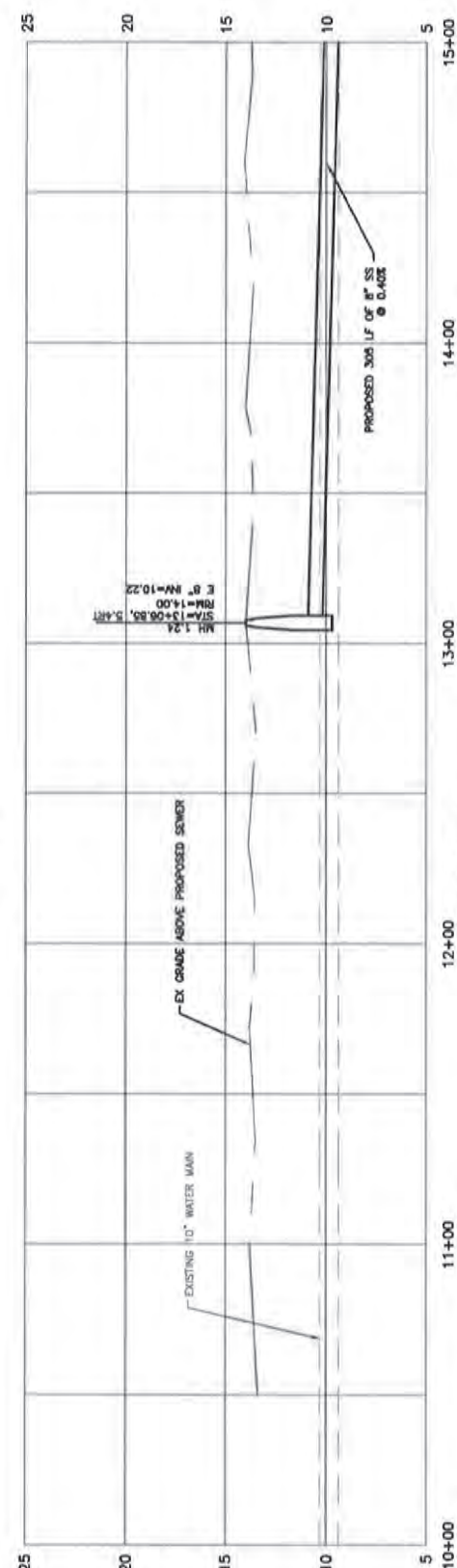
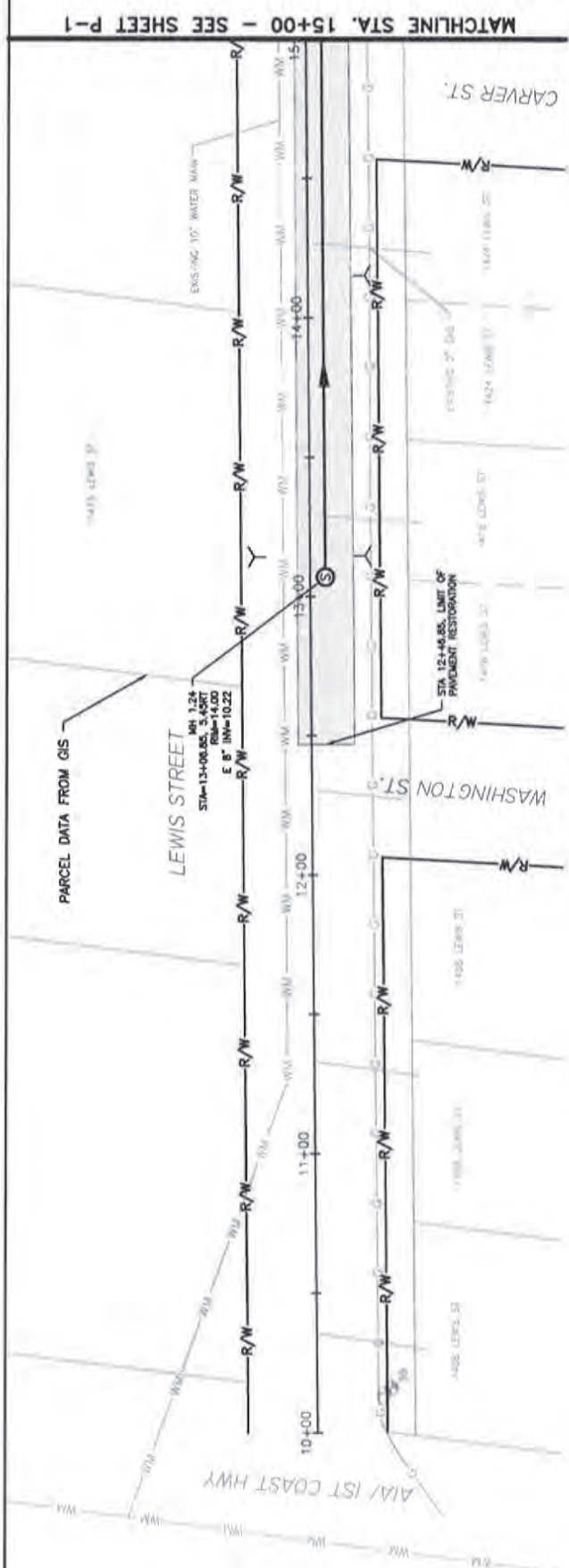
**THIS PAGE INTENTIONALLY LEFT BLANK**





-DESIGNATED CONTRACTOR LAY DOWN AREA  
(PARCEL ID 00-00-30-010C-0002-0040)

DATE	DESCRIPTION	BY
12/17/2021	201 North Franklin Street, Suite 1350 Tampa, FL 33602 #138674373 www.wadetrims.com Certificate of Authorization No. 3852	
12/17/2021	60% SUBMITAL	
12/17/2021	60% SUBMITAL	
12/17/2021	100% SUBMITAL	
12/17/2021	40% ROOM #1	
<p>  <b>WADE TRIM</b>          201 North Franklin Street, Suite 1350          Tampa, FL 33602          #138674373          www.wadetrims.com          Certificate of Authorization No. 3852       </p>		
<p> <b>KEY SHEET</b>  <b>NASSAU COUNTY /AMERICAN BEACH</b>  <b>WATER AND SEWER DISTRICT WELL AND</b>  <b>SEPTIC TANK PHASE OUT PROGRAM</b> </p>		
<p>         PROJECT NO. 2021-0274          PROJECT NAME: G-6          PROJECT LOCATION: G-6       </p>		



NOTES:  
1. CONTRACTOR TO REMOVE, STORE, AND REINSTALL SPEED BUMPS AFTER PAVEMENT RESTORATION IS COMPLETED.

[illegible]

WADE  
TRIM

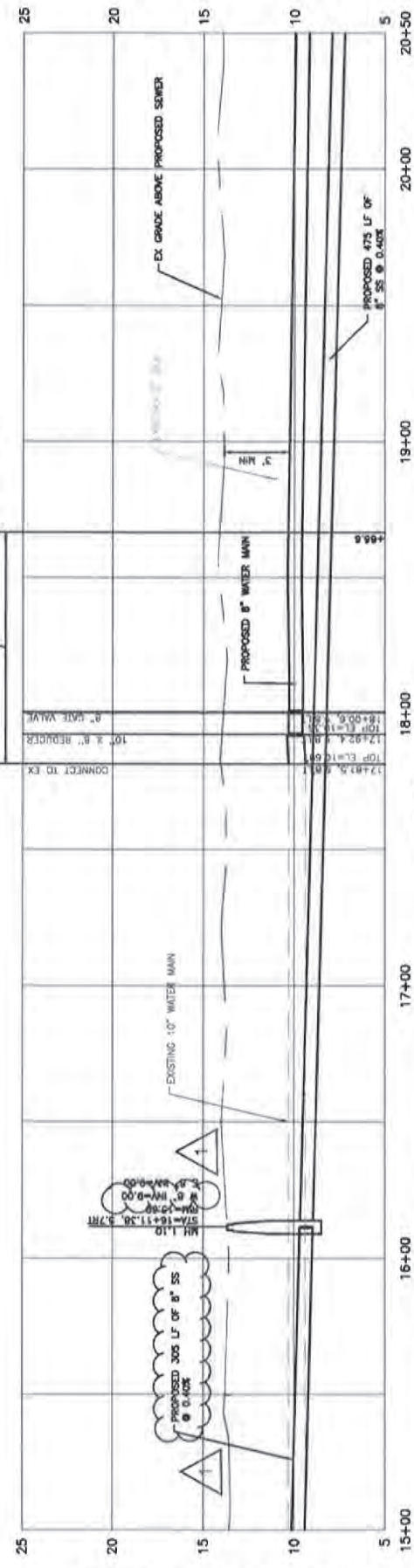
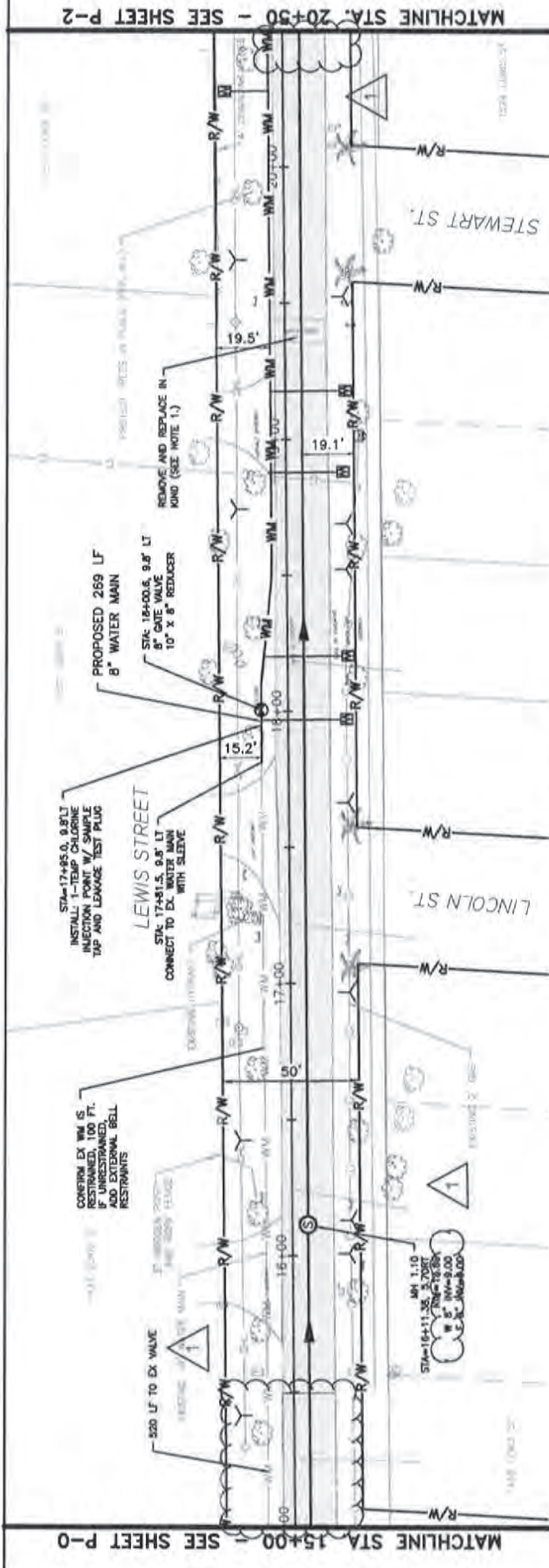
101 North Franklin Street, Suite 1350  
Tampa, FL 33602  
113.882.4373  
www.wadefirm.com  
Certificate of Authorization No.: 3952

LEWIS STREET  
10+00 - 15+00  
PLAN AND PROFILE SHEET

NASSAU COUNTY / AMERICAN BEACH  
WATER AND SEWER DISTRICT WELL AND  
SEPTIC TANK PHASE OUT PROGRAM

JOB NO. GUA 2071.02M  
 P-0





NOTES:  
1. CONTRACTOR TO REMOVE, STORE, AND REINSTALL SPEED BUMPS AFTER PAVEMENT RESTORATION IS COMPLETE.

VERT. SCALE: 1"=6'

## PROFILE

[illegible]

201 North Franklin Street, Suite 1350  
Tampa, FL 33602  
813.882.4373  
www.wadefirm.com  
Certificate of Authorization No. 3962

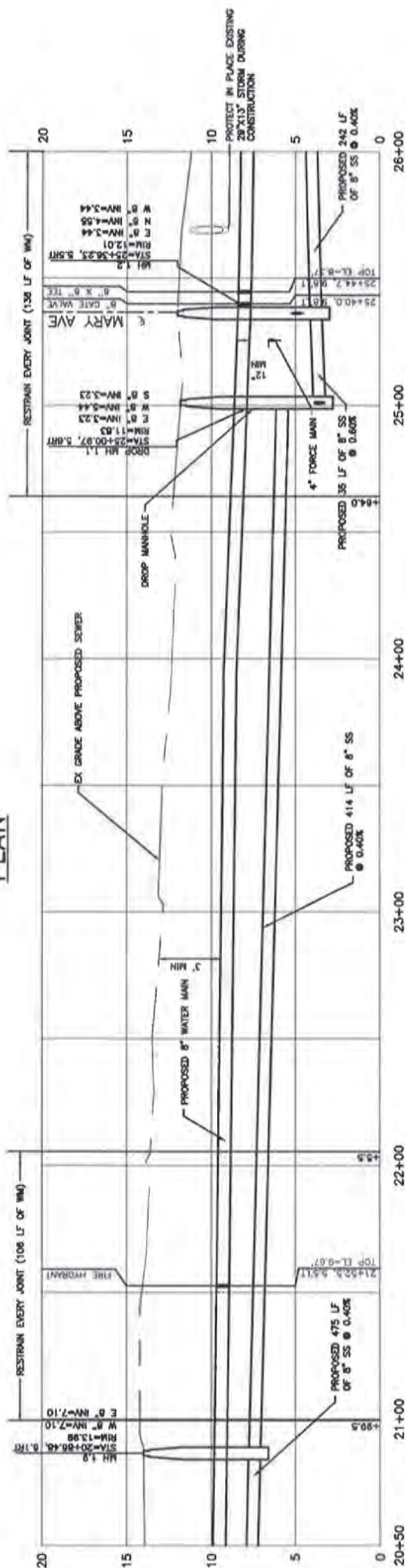
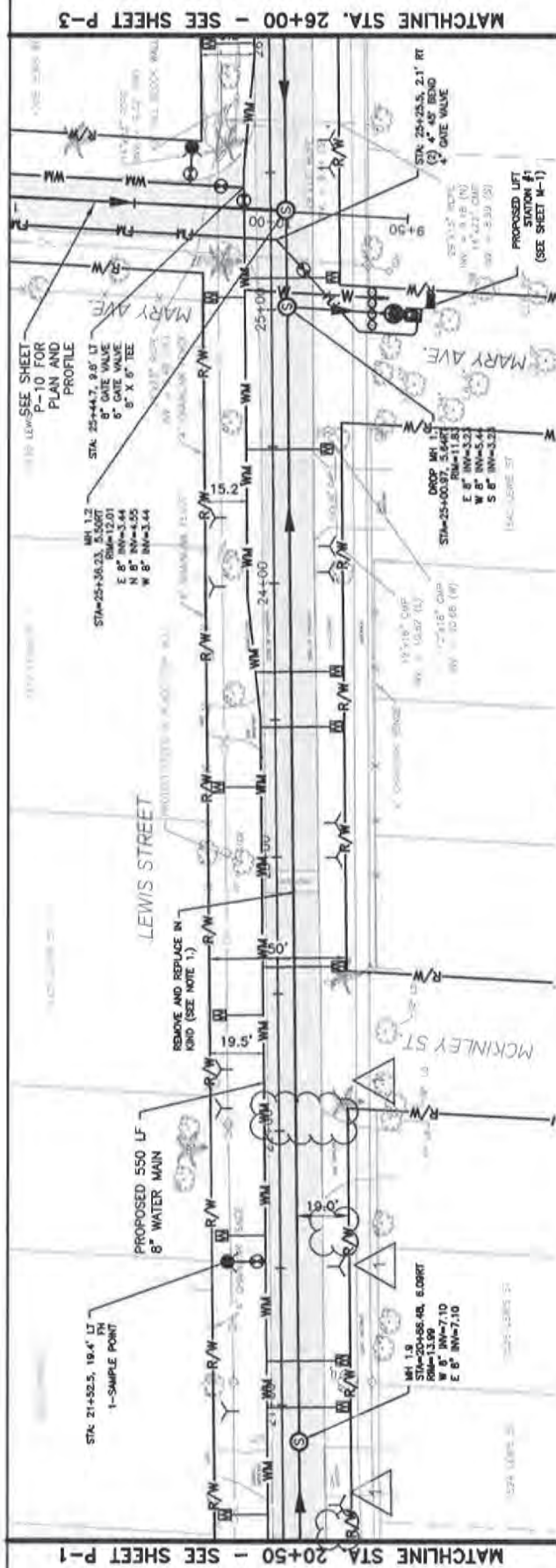
LEWIS STREET  
15+00 - 20+50  
PLAN AND PROFILE SHEET

NASSAU COUNTY /AMERICAN BEACH  
WATER AND SEWER DISTRICT WELL AND  
SEPTIC TANK PHASE OUT PROGRAM

P-1

2071.02M

INVOICE OF GOODS  
INVOICE NUMBER: 112  
INVOICE DATE: 01/01/2011



NOTES:  
1. CONTRACTOR TO REMOVE, STORE, AND REINSTALL SPEED BUMPS AFTER PAVEMENT RESTORATION IS COMPLETE.



WADE  
TRIM

201 North Franklin Street, Suite 1350  
Tampa, FL 33602  
813.882.4373  
www.worldfarm.com  
Certificate of Authentication No. 1952

LEWIS STREET  
20+50 - 26+00  
PLAN AND PROFILE SHEET

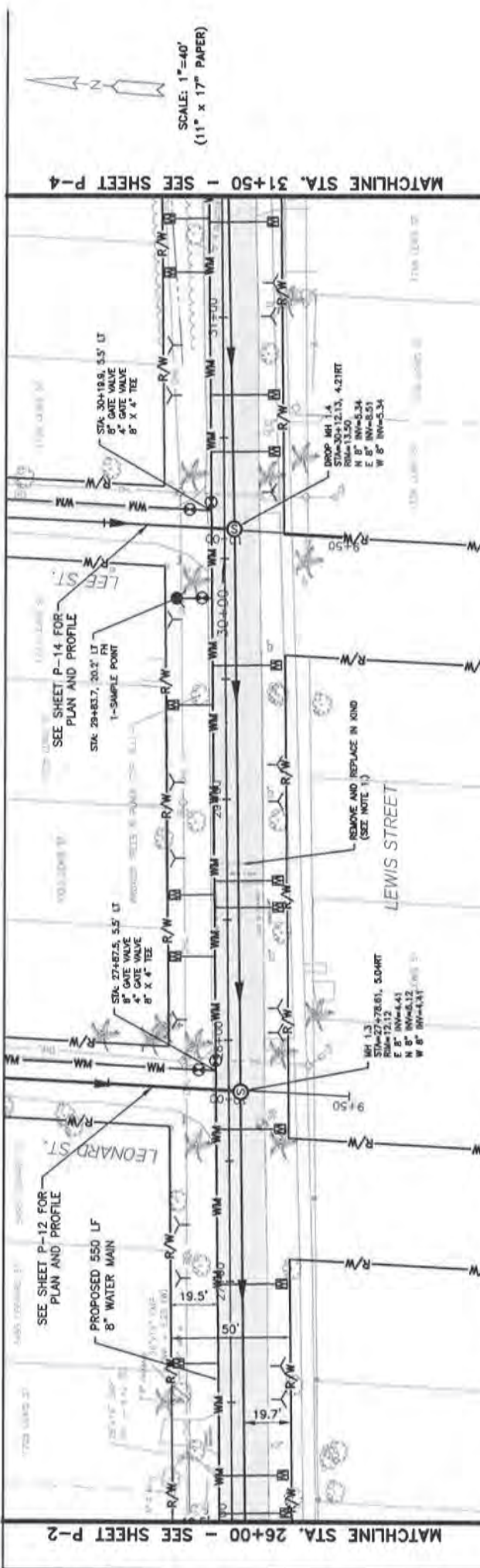
NASSAU COUNTY /AMERICAN BEACH  
WATER AND SEWER DISTRICT WELL AND  
SEPTIC TANK PHASE OUT PROGRAM

P-2

RECEIVED BY RECORDS  
SECTION 10/12/01  
10/12/01 10:12 AM

[illegible]





**PLAN**

SCALE: 1"=40'  
(11" x 17" PAPER)

**PROFILE**

VERT. SCALE: 1"=6'

**NOTES:**

- CONTRACTOR TO REMOVE, STORE, AND REINSTALL SPEED BUMPS AFTER PAVEMENT RESTORATION IS COMPLETE.

**WADE TRIM**

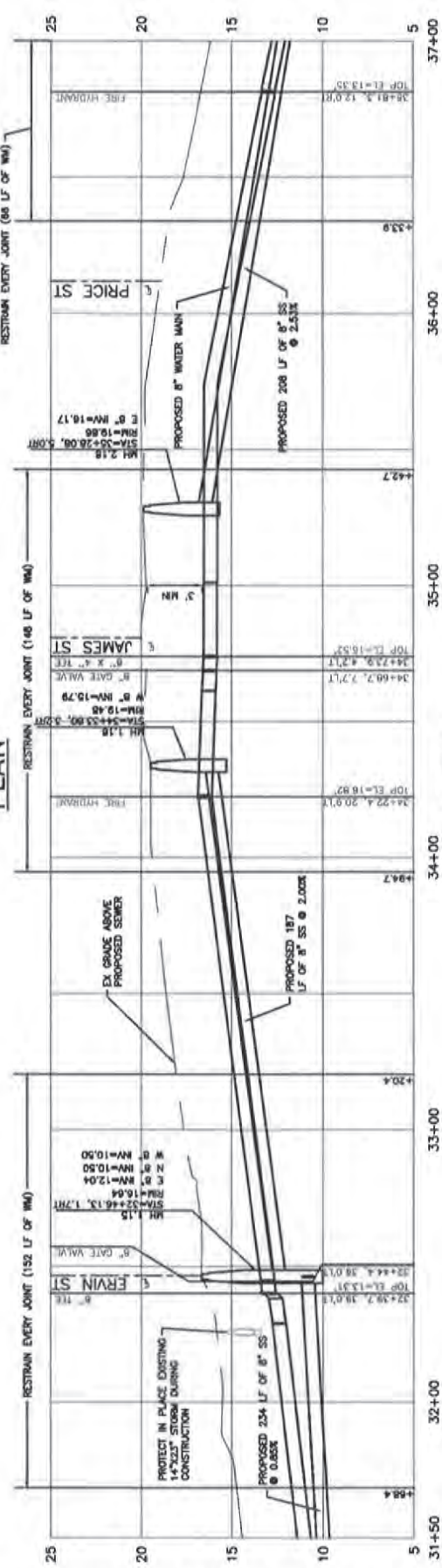
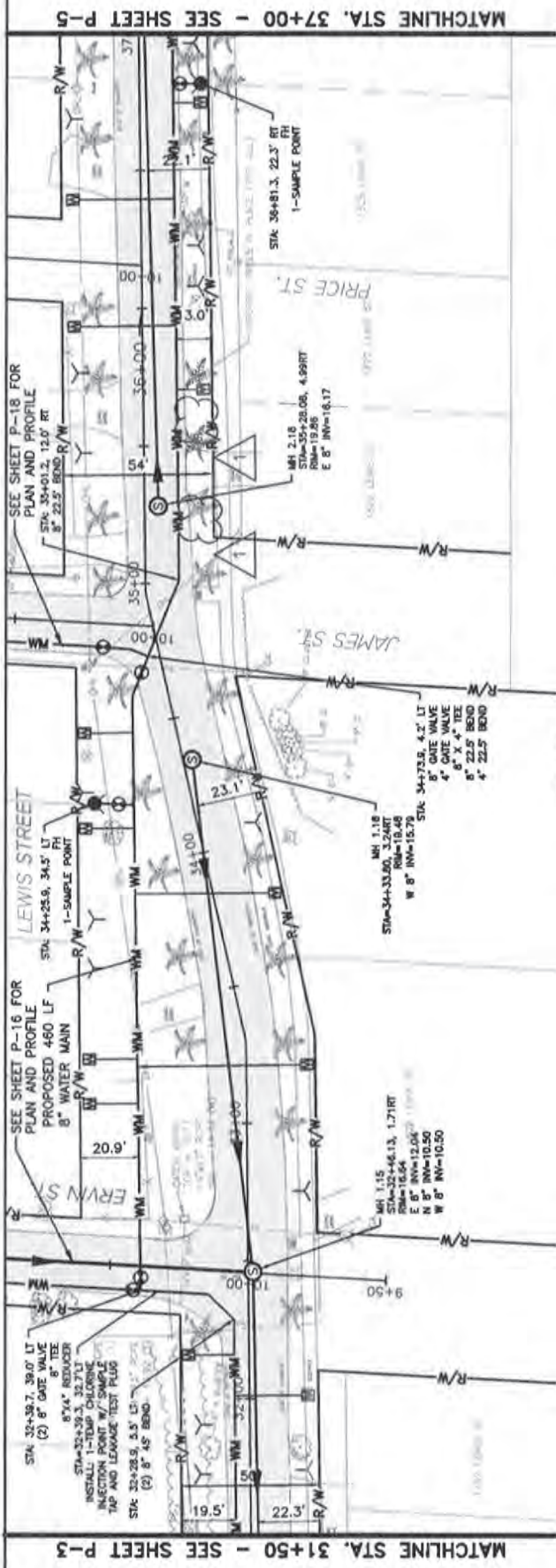
201 North Flamingo Street, Suite 1350  
Tampa, FL 33602  
813.862.4373  
www.wadetrims.com  
Certificate of Authorization No.: 3952

**PROJECT INFORMATION**

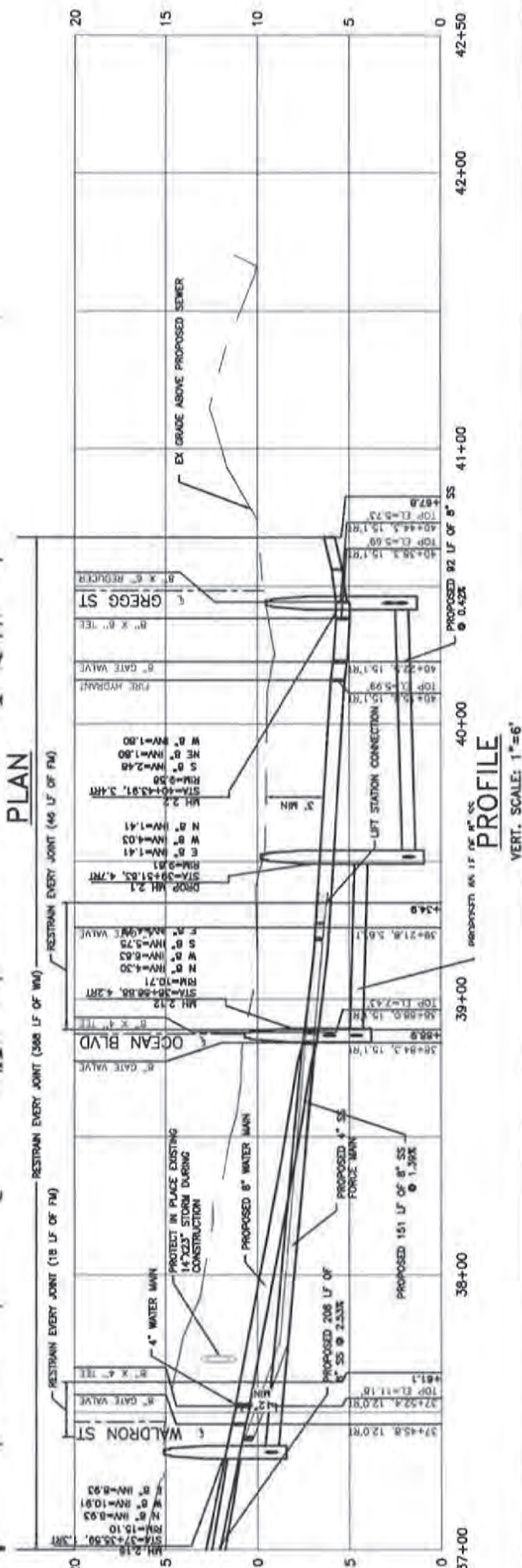
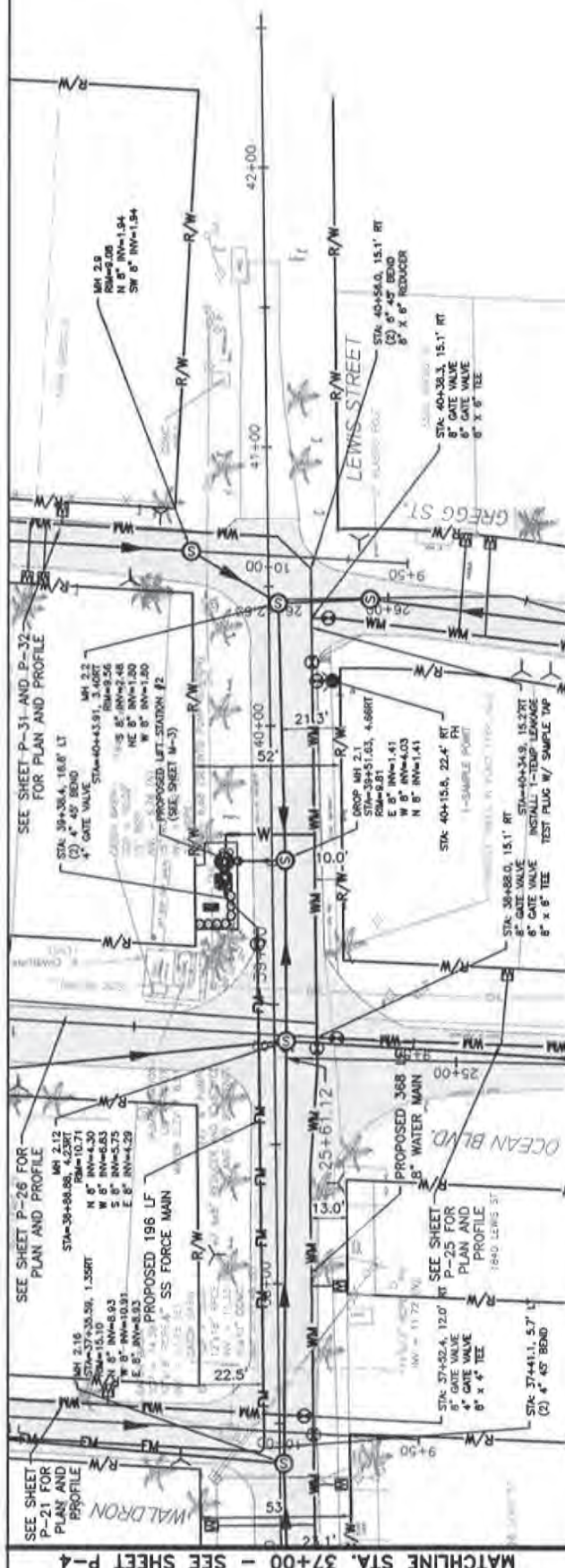
PROJECT NAME: SEWER MAIN REPLACEMENT AND RESTORATION  
LOCATION: LEONARD ST AND LEWIS ST  
DATE: 12/22/2021  
DRAWN BY: J. SMITH  
CHECKED BY: J. SMITH  
APPROVED BY: J. SMITH

**CLIENT INFORMATION**

CLIENT NAME: NASSAU COUNTY / AMERICAN BEACH  
PROJECT NAME: WATER AND SEWER DISTRICT WELL AND SEPTIC TANK PHASE OUT PROGRAM  
DATE: 12/22/2021  
DRAWN BY: J. SMITH  
CHECKED BY: J. SMITH  
APPROVED BY: J. SMITH











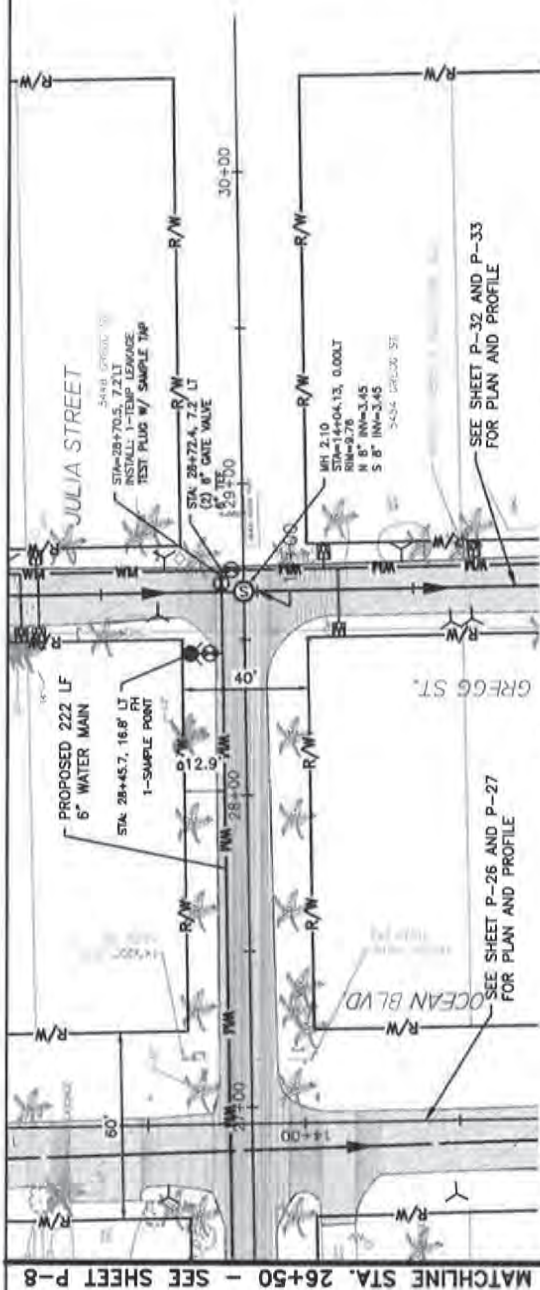




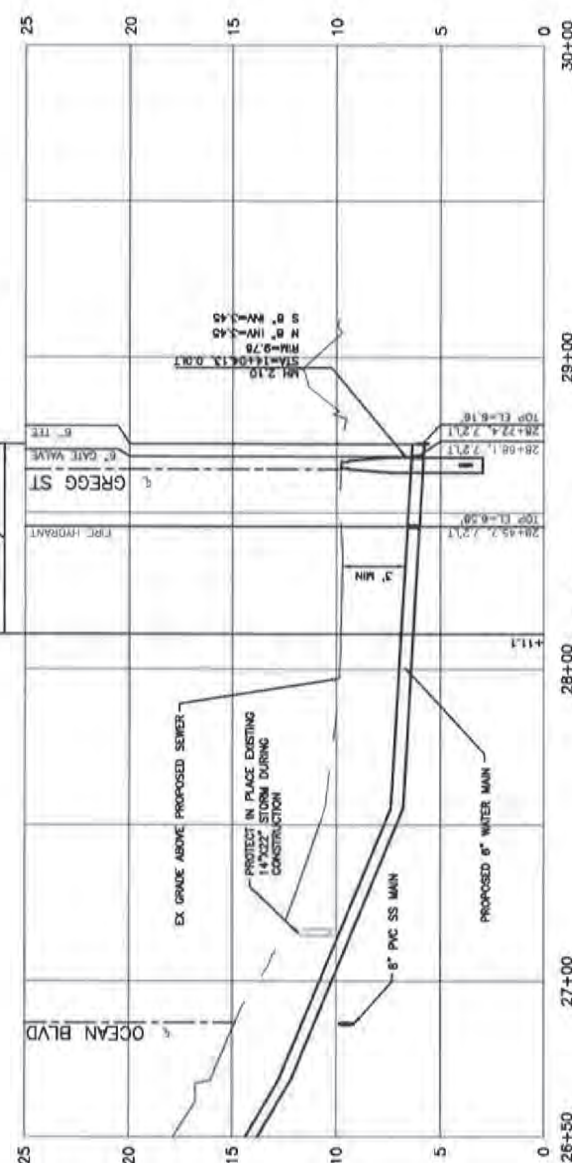








PLAN RESTRAIN EVERY JOINT (61 LF OF WM)



PROFILE

VERT. SCALE: 1"=6'

MATCHLINE STA. 26+50 - SEE SHEET P-8

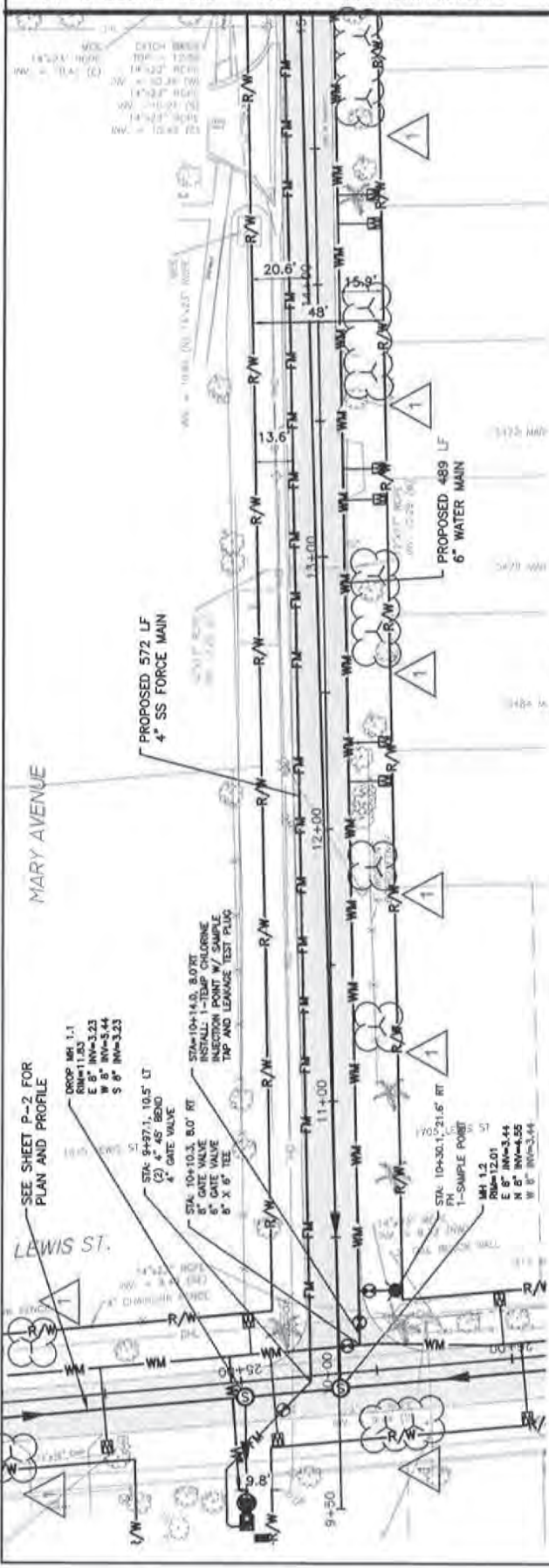


SCALE: 1"=40'  
(11" x 17" PAPER)

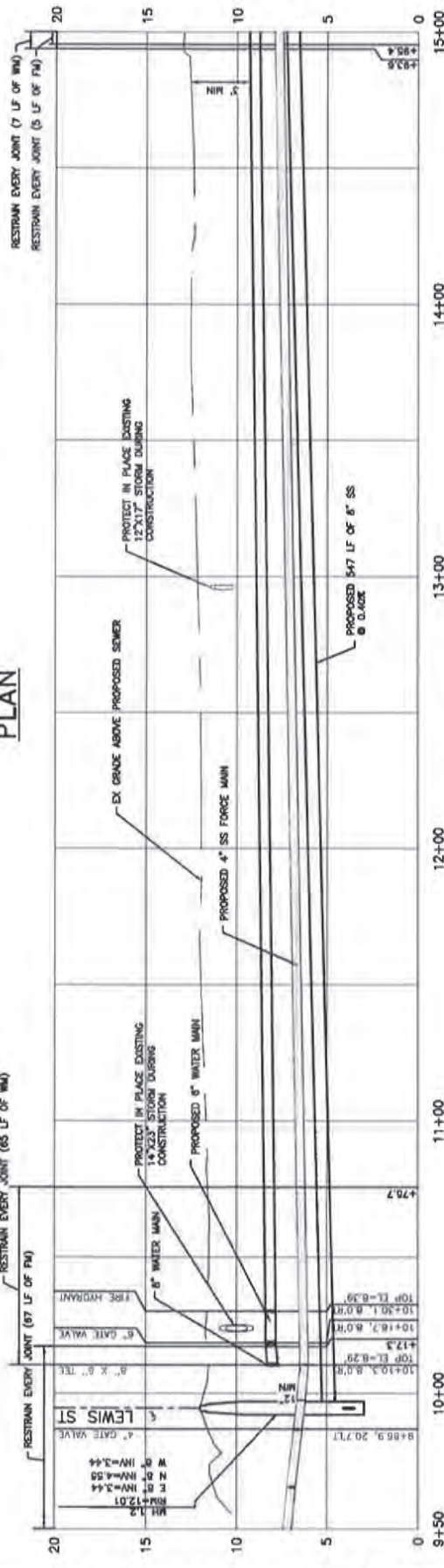
		201 North Franklin Street, Suite 1050 Tampa, FL 33602 813.852.4373 <a href="http://www.wadetrtrim.com">www.wadetrtrim.com</a> Certificate of Authorization No. 3852		JULIA STREET 26+50 - 30+00 PLAN AND PROFILE SHEET		NASSAU COUNTY / AMERICAN BEACH WATER AND SEWER DISTRICT WELL AND SEPTIC TANK PHASE OUT PROGRAM		DATE: 12/27/2021 DRAWN BY: J. S. S. S. S. CHECKED BY: J. S. S. S. S. DESIGNED BY: J. S. S. S. S. PROJECT MANAGER: J. S. S. S. S.		SHEET NO. 201.024 OF 201.024 P-9	
--	--	---	--	---	--	--	--	--	--	--	--

SCALE: 1"=40'  
(11" x 17" PAPER)

MATCHLINE STA. 15+00 - SEE SHEET P-11



PLAN



PROFILE

VERT. SCALE: 1"=8'

		201 Main Franklin Street, Suite 1350 Tampa, FL 33602 813.882.4373 www.wadetrtrim.com Certificate of Authorization No. 2692		NASSAU COUNTY / AMERICAN BEACH WATER AND SEWER DISTRICT WELL AND SEPTIC TANK PHASE OUT PROGRAM		DATE: 01/14/2021 DRAWN BY: J. J. JAMES CHECKED BY: J. J. JAMES P-10
NO.	DATE	DESCRIPTION	BY			
1	01/14/2021	ISSUE FOR PERMIT	J. J. JAMES			
2	01/14/2021	ISSUE FOR PERMIT	J. J. JAMES			
3	01/14/2021	ISSUE FOR PERMIT	J. J. JAMES			
4	01/14/2021	ISSUE FOR PERMIT	J. J. JAMES			





**PROFILE**

0001 North Franklin Street, Suite 1150  
Tampa, FL 33602  
813.862.4373  
www.wednet.com  
Certificate of Authorization No.: 3952

NASSAU COUNTY /AMERICAN BEACH  
WATER AND SEWER DISTRICT WELL AND  
SEPTIC TANK PHASE OUT PROGRAM

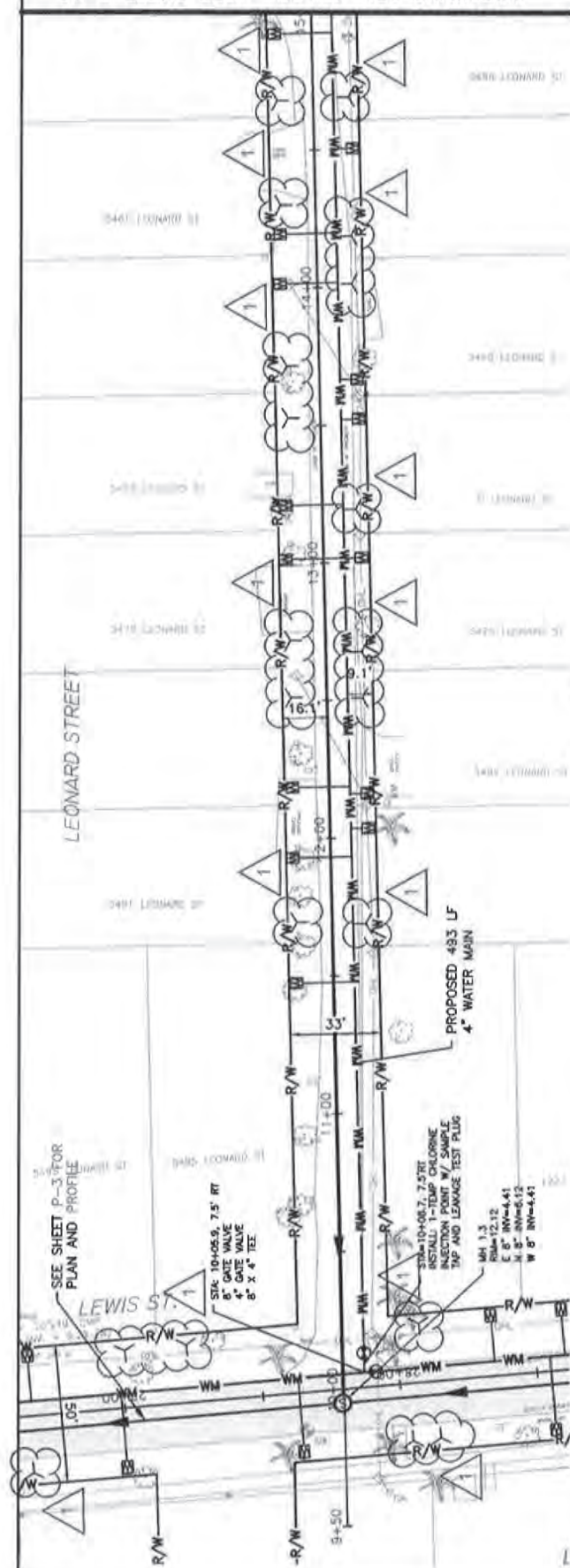
MARY AVENUE  
15+00 - 20+00  
PLAN AND PROFILE SHEET

1898-99, 1900-01, 1901-02, 1902-03, 1903-04, 1904-05, 1905-06, 1906-07, 1907-08, 1908-09, 1909-10, 1910-11, 1911-12, 1912-13, 1913-14, 1914-15, 1915-16, 1916-17, 1917-18, 1918-19, 1919-20, 1920-21, 1921-22, 1922-23, 1923-24, 1924-25, 1925-26, 1926-27, 1927-28, 1928-29, 1929-30, 1930-31, 1931-32, 1932-33, 1933-34, 1934-35, 1935-36, 1936-37, 1937-38, 1938-39, 1939-40, 1940-41, 1941-42, 1942-43, 1943-44, 1944-45, 1945-46, 1946-47, 1947-48, 1948-49, 1949-50, 1950-51, 1951-52, 1952-53, 1953-54, 1954-55, 1955-56, 1956-57, 1957-58, 1958-59, 1959-60, 1960-61, 1961-62, 1962-63, 1963-64, 1964-65, 1965-66, 1966-67, 1967-68, 1968-69, 1969-70, 1970-71, 1971-72, 1972-73, 1973-74, 1974-75, 1975-76, 1976-77, 1977-78, 1978-79, 1979-80, 1980-81, 1981-82, 1982-83, 1983-84, 1984-85, 1985-86, 1986-87, 1987-88, 1988-89, 1989-90, 1990-91, 1991-92, 1992-93, 1993-94, 1994-95, 1995-96, 1996-97, 1997-98, 1998-99, 1999-00, 2000-01, 2001-02, 2002-03, 2003-04, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2015-16, 2016-17, 2017-18, 2018-19, 2019-20, 2020-21, 2021-22, 2022-23, 2023-24, 2024-25, 2025-26, 2026-27, 2027-28, 2028-29, 2029-30, 2030-31, 2031-32, 2032-33, 2033-34, 2034-35, 2035-36, 2036-37, 2037-38, 2038-39, 2039-40, 2040-41, 2041-42, 2042-43, 2043-44, 2044-45, 2045-46, 2046-47, 2047-48, 2048-49, 2049-50, 2050-51, 2051-52, 2052-53, 2053-54, 2054-55, 2055-56, 2056-57, 2057-58, 2058-59, 2059-60, 2060-61, 2061-62, 2062-63, 2063-64, 2064-65, 2065-66, 2066-67, 2067-68, 2068-69, 2069-70, 2070-71, 2071-72, 2072-73, 2073-74, 2074-75, 2075-76, 2076-77, 2077-78, 2078-79, 2079-80, 2080-81, 2081-82, 2082-83, 2083-84, 2084-85, 2085-86, 2086-87, 2087-88, 2088-89, 2089-90, 2090-91, 2091-92, 2092-93, 2093-94, 2094-95, 2095-96, 2096-97, 2097-98, 2098-99, 2099-00, 2100-01, 2101-02, 2102-03, 2103-04, 2104-05, 2105-06, 2106-07, 2107-08, 2108-09, 2109-10, 2110-11, 2111-12, 2112-13, 2113-14, 2114-15, 2115-16, 2116-17, 2117-18, 2118-19, 2119-20, 2120-21, 2121-22, 2122-23, 2123-24, 2124-25, 2125-26, 2126-27, 2127-28, 2128-29, 2129-30, 2130-31, 2131-32, 2132-33, 2133-34, 2134-35, 2135-36, 2136-37, 2137-38, 2138-39, 2139-40, 2140-41, 2141-42, 2142-43, 2143-44, 2144-45, 2145-46, 2146-47, 2147-48, 2148-49, 2149-50, 2150-51, 2151-52, 2152-53, 2153-54, 2154-55, 2155-56, 2156-57, 2157-58, 2158-59, 2159-60, 2160-61, 2161-62, 2162-63, 2163-64, 2164-65, 2165-66, 2166-67, 2167-68, 2168-69, 2169-70, 2170-71, 2171-72, 2172-73, 2173-74, 2174-75, 2175-76, 2176-77, 2177-78, 2178-79, 2179-80, 2180-81, 2181-82, 2182-83, 2183-84, 2184-85, 2185-86, 2186-87, 2187-88, 2188-89, 2189-90, 2190-91, 2191-92, 2192-93, 2193-94, 2194-95, 2195-96, 2196-97, 2197-98, 2198-99, 2199-00, 2200-01, 2201-02, 2202-03, 2203-04, 2204-05, 2205-06, 2206-07, 2207-08, 2208-09, 2209-10, 2210-11, 2211-12, 2212-13, 2213-14, 2214-15, 2215-16, 2216-17, 2217-18, 2218-19, 2219-20, 2220-21, 2221-22, 2222-23, 2223-24, 2224-25, 2225-26, 2226-27, 2227-28, 2228-29, 2229-30, 2230-31, 2231-32, 2232-33, 2233-34, 2234-35, 2235-36, 2236-37, 2237-38, 2238-39, 2239-40, 2240-41, 2241-42, 2242-43, 2243-44, 2244-45, 2245-46, 2246-47, 2247-48, 2248-49, 2249-50, 2250-51, 2251-52, 2252-53, 2253-54, 2254-55, 2255-56, 2256-57, 2257-58, 2258-59, 2259-60, 2260-61, 2261-62, 2262-63, 2263-64, 2264-65, 2265-66, 2266-67, 2267-68, 2268-69, 2269-70, 2270-71, 2271-72, 2272-73, 2273-74, 2274-75, 2275-76, 2276-77, 2277-78, 2278-79, 2279-80, 2280-81, 2281-82, 2282-83, 2283-84, 2284-85, 2285-86, 2286-87, 2287-88, 2288-89, 2289-90, 2290-91, 2291-92, 2292-93, 2293-94, 2294-95, 2295-96, 2296-97, 2297-98, 2298-99, 2299-00, 2300-01, 2301-02, 2302-03, 2303-04, 2304-05, 2305-06, 2306-07, 2307-08, 2308-09, 2309-10, 2310-11, 2311-12, 2312-13, 2313-14, 2314-15, 2315-16, 2316-17, 2317-18, 2318-19, 2319-20, 2320-21, 2321-22, 2322-23, 2323-24, 2324-25, 2325-26, 2326-27, 2327-28, 2328-29, 2329-30, 2330-31, 2331-32, 2332-33, 2333-34, 2334-35, 2335-36, 2336-37, 2337-38, 2338-39, 2339-40, 2340-41, 2341-42, 2342-43, 2343-44, 2344-45, 2345-46, 2346-47, 2347-48, 2348-49, 2349-50, 2350-51, 2351-52, 2352-53, 2353-54,

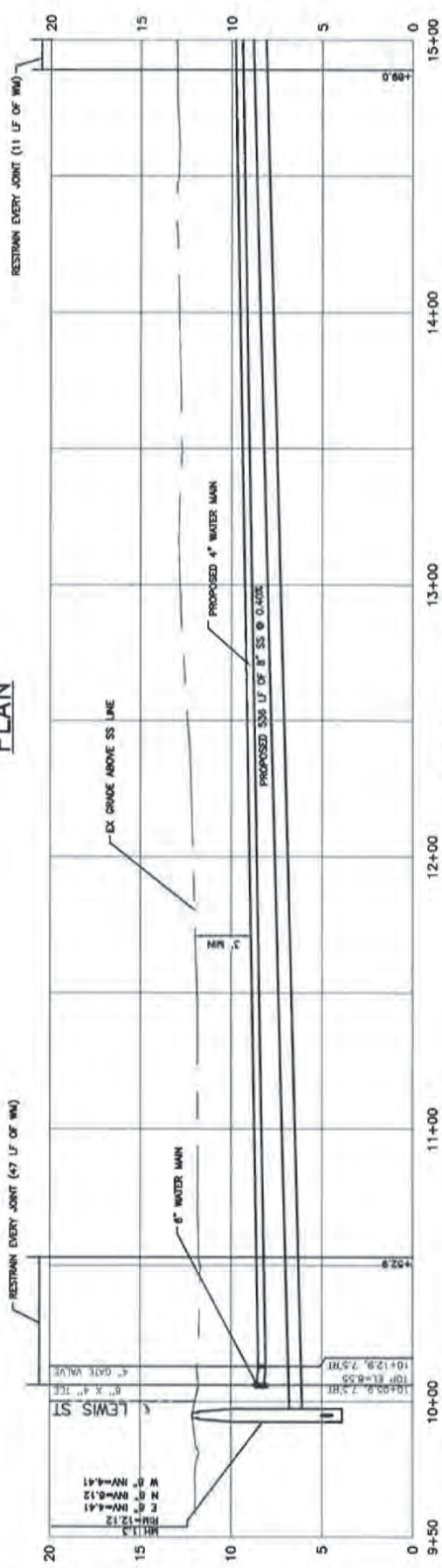
CUA 2071.02M

P-11

SCALE: 1"=40'  
(11" x 17" PAPER)



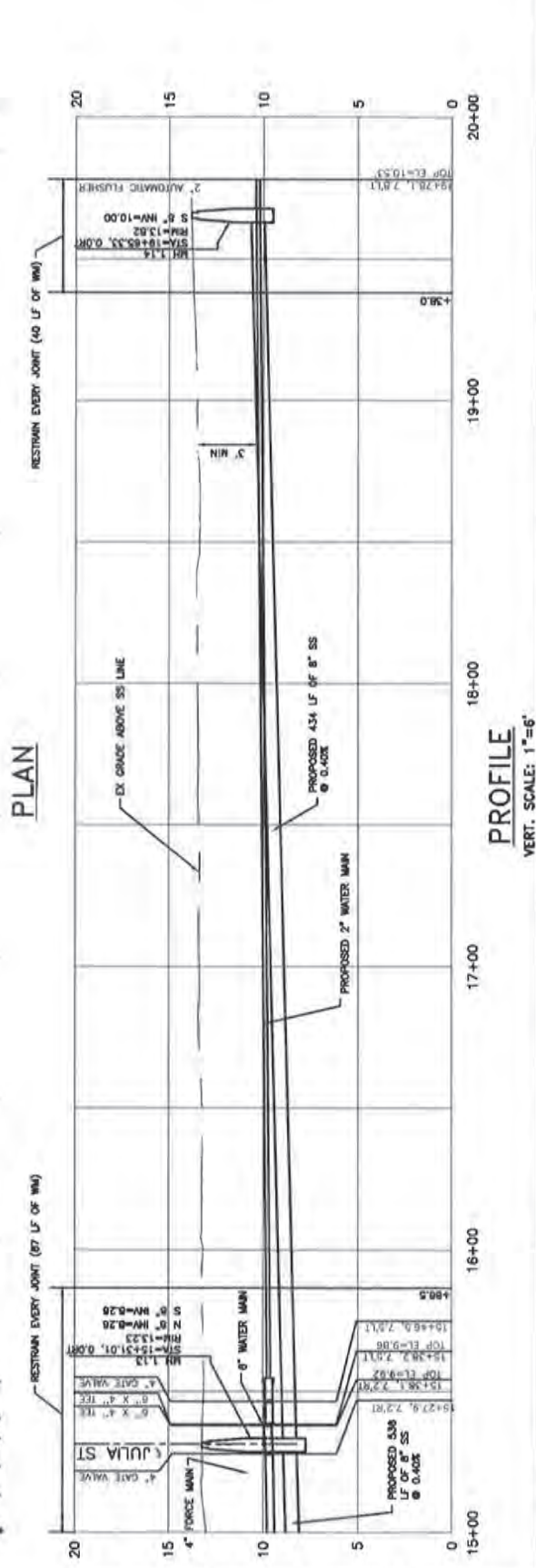
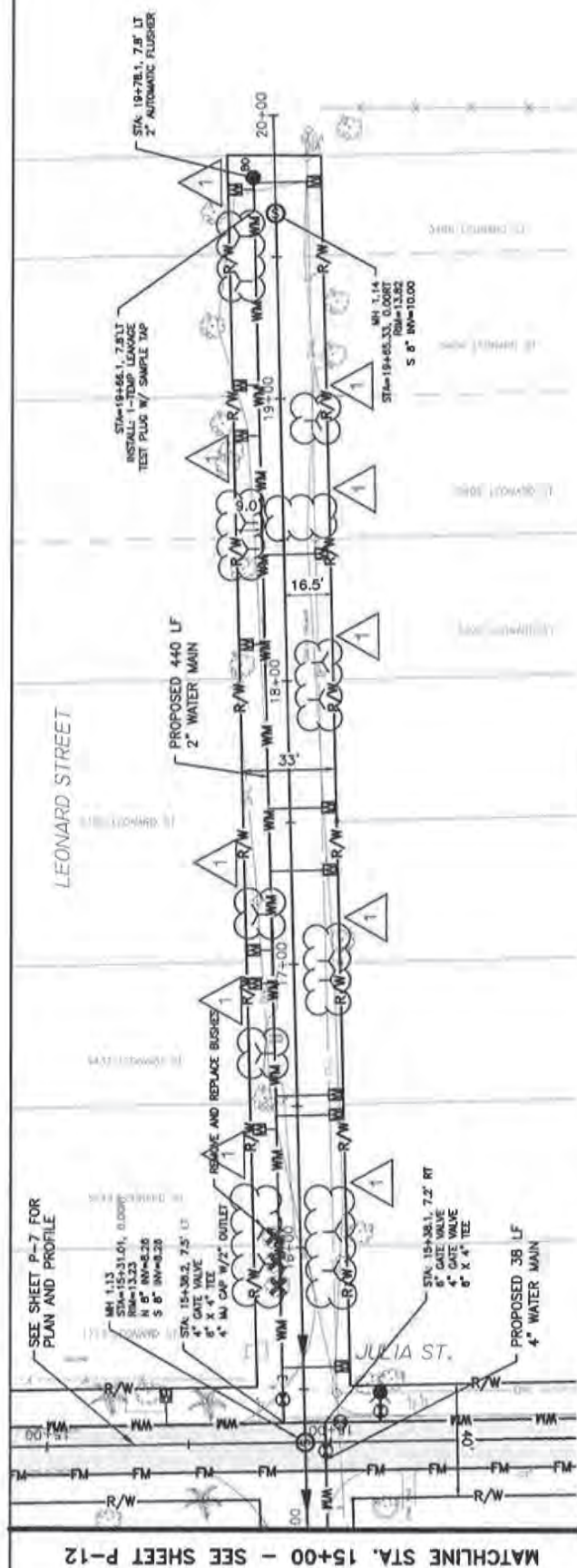
## PLAN



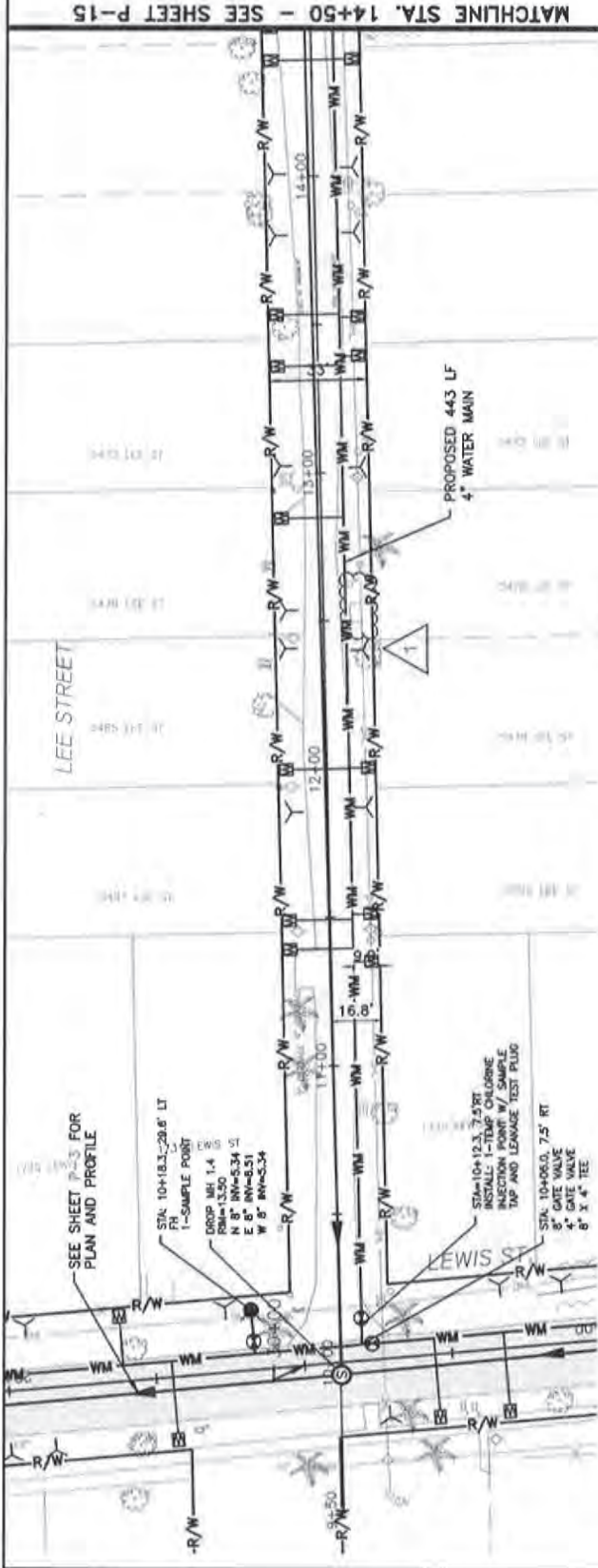
**PROFILE**  
VERT. SCALE: 1"=6'

[illegible]



[illegible]

SCALE: 1"=40'  
(11" x 17" PAPER)



# PLAN



# PROFILE

VERT. SCALE: 1"=6'

LEE STREET  
9+50 - 14+50  
PLAN AND PROFILE SHEET

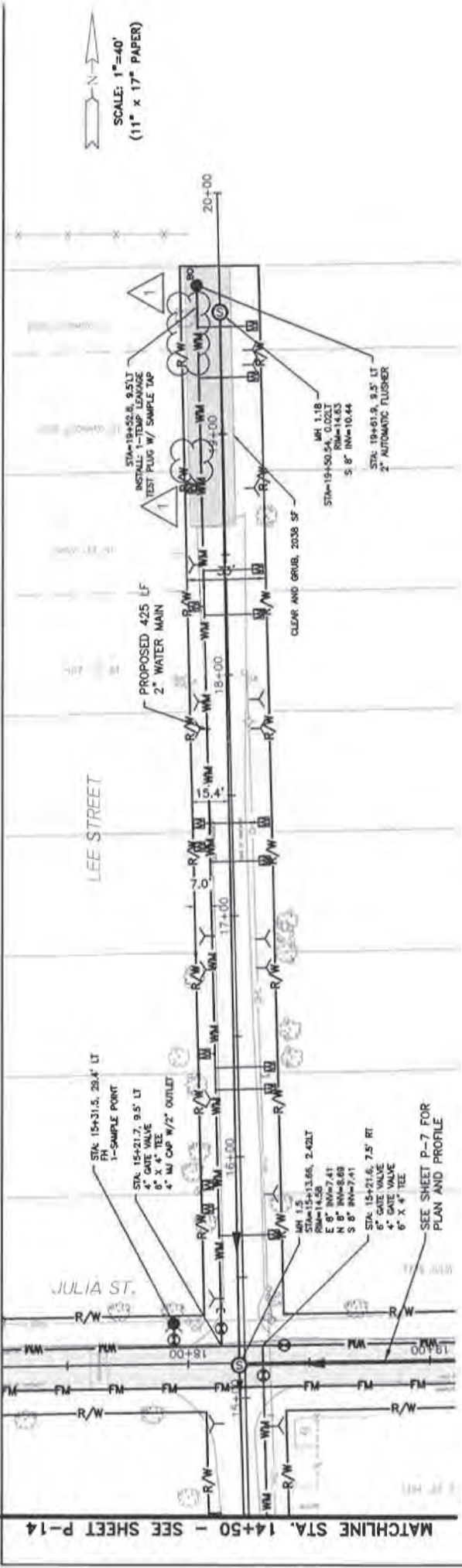
NASSAU COUNTY / AMERICAN BEACH  
WATER AND SEWER DISTRICT WELL AND  
SEPTIC TANK PHASE OUT PROGRAM

201 North Franklin Street, Suite 1150  
Tampa, FL 33602  
813.882.4373  
www.wadtrim.com  
Certificate of Authorization No. 7592

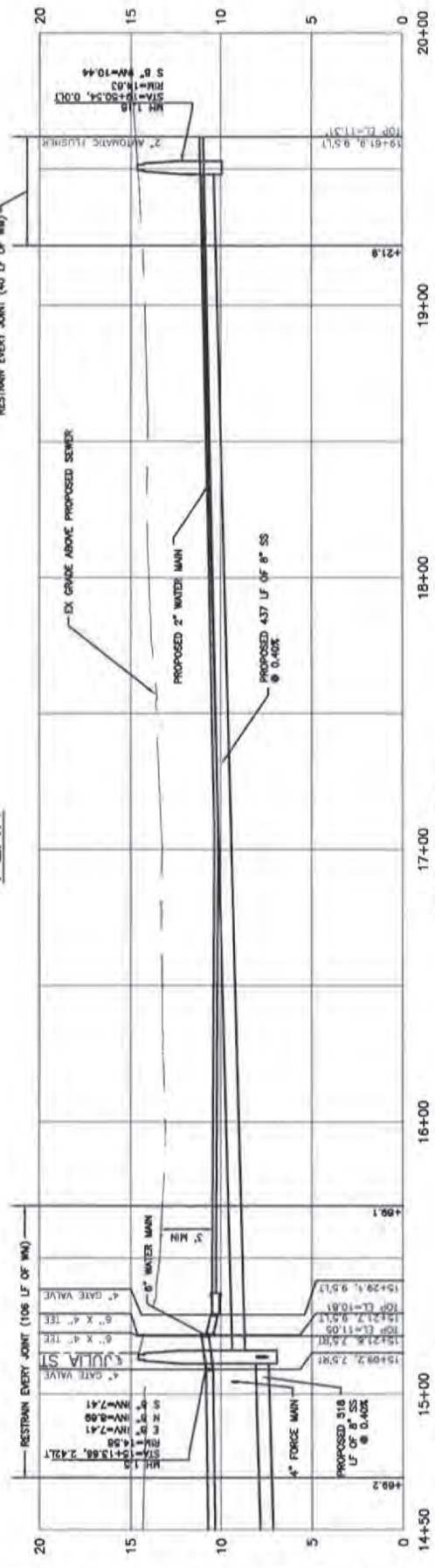


DATE	DESCRIPTION	BY
01/17/2021	ISSUE FOR PERMIT	WAD
07/27/2021	ISSUE FOR CONSTRUCTION	WAD
07/27/2021	ISSUE FOR CONSTRUCTION	WAD
07/27/2021	ISSUE FOR CONSTRUCTION	WAD





# PLAN



# PROFILE

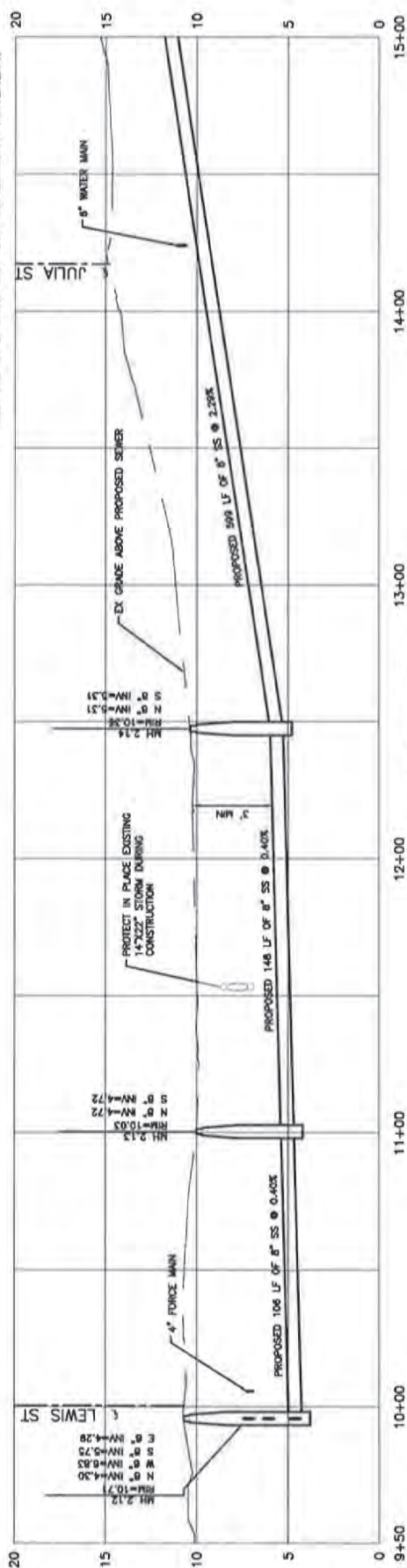
VERT. SCALE: 1"=6'

<p>201 North Franklin Street, Suite 1350 Tampa, FL 33602 813.882.4373 www.wadetrims.com Certificate of Authorization No. 3952</p>		<p>LEE STREET 14+50 - 20+00 PLAN AND PROFILE SHEET</p>		<p>NASSAU COUNTY / AMERICAN BEACH WATER AND SEWER DISTRICT WELL AND SEPTIC TANK PHASE OUT PROGRAM</p>		<p>DATE: 12/21/2021 BY: J. WADDELL CHECKED: J. WADDELL DATE: 12/21/2021 BY: J. WADDELL DATE: 12/21/2021 BY: J. WADDELL</p>		<p>P-15</p>
---	--	--	--	---	--	--	--	-------------



## PLAN

NOTES:  
1. CONTRACTOR SHALL ENCASE PROPOSED WATER SERVICE IN 2-INCH SCH 80 PVC BENEATH PAVEMENT.



## PROFILE

VERT. SCALE: 1"=6'

NASSAU COUNTY / AMERICAN BEACH  
WATER AND SEWER DISTRICT WELL AND  
SEPTIC TANK PHASE OUT PROGRAM

OCEAN BOULEVARD  
10+00 - 15+00  
PLAN AND PROFILE SHEET

201 North Franklin Street, Suite 1350  
Tampa, FL 33602  
813.862.4373  
www.wadell.com  
First Florida Publications Inc. No. 3052

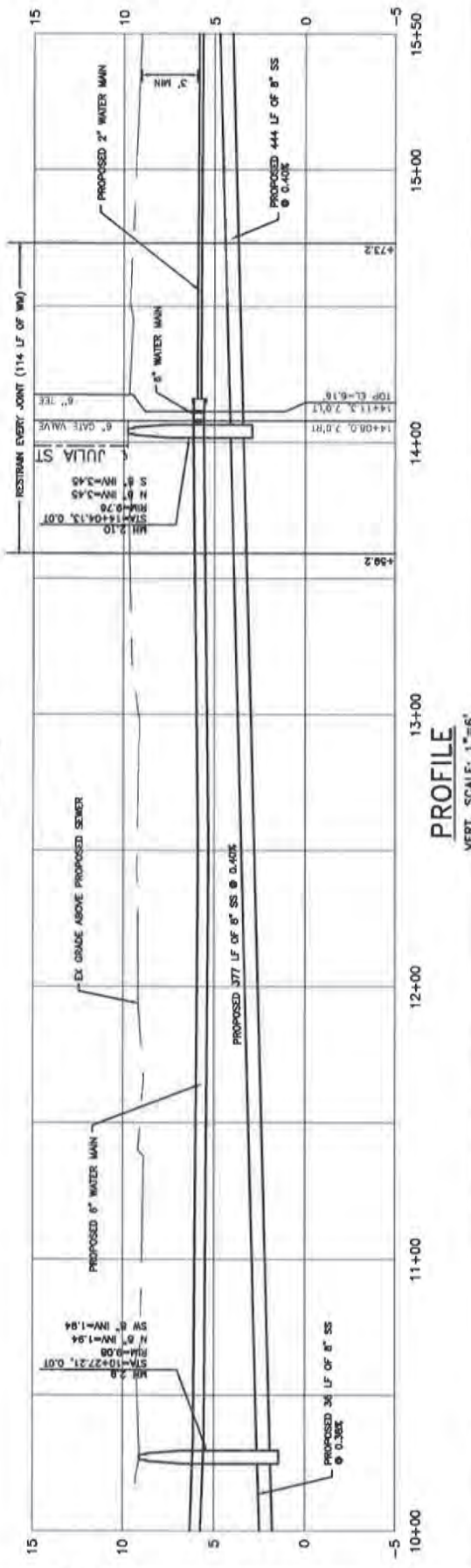
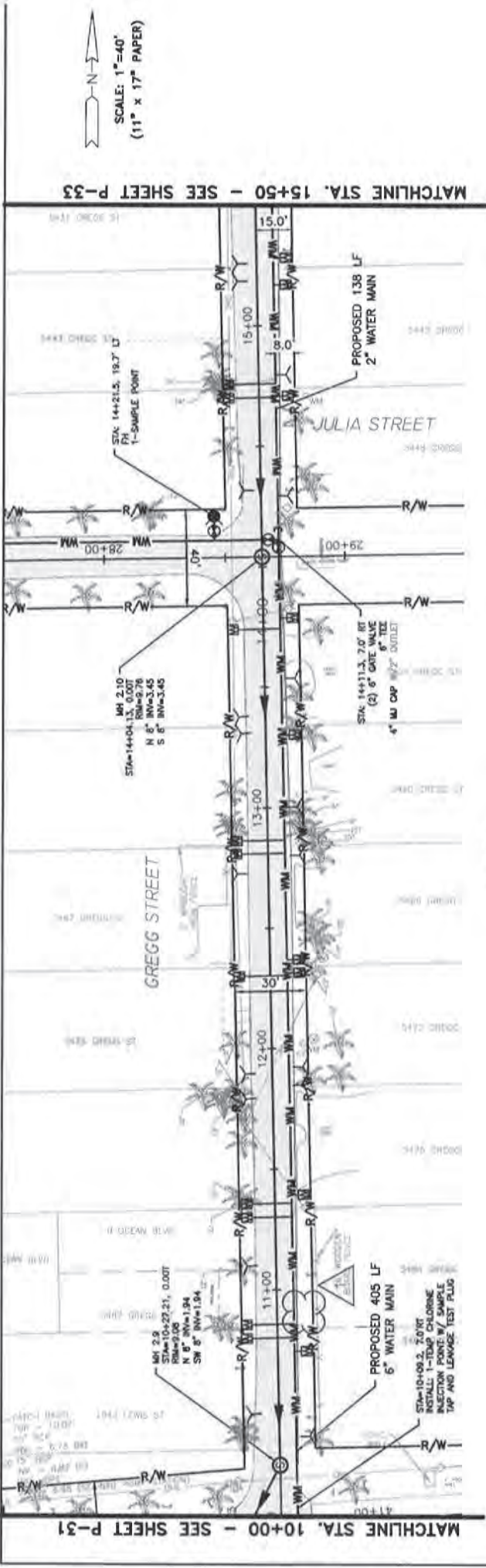


WADE  
TRIM

11/1/2023	60% SUBMITTAL
11/15/2023	90% SUBMITTAL
12/22/2023	100% SUBMITTAL
1/21/2024	ACCOMPLISH

P-26





		201 North Franklin Street, Suite 1550 Tampa, FL 33602 813.662.4373 www.wadetrims.com Certificate of Authorization No. 2662		NAASSAU COUNTY / AMERICAN BEACH WATER AND SEWER DISTRICT WELL AND SEPTIC TANK PHASE OUT PROGRAM		P-32
DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY
12/27/2021	ISSUE FOR PERMIT	WJ	WJ	12/27/2021	ISSUE FOR PERMIT	WJ
12/27/2021	ISSUE FOR PERMIT	WJ	WJ	12/27/2021	ISSUE FOR PERMIT	WJ
12/27/2021	ISSUE FOR PERMIT	WJ	WJ	12/27/2021	ISSUE FOR PERMIT	WJ



# LIFT STATION AND SITE PLAN NOTES:

## GENERAL NOTES

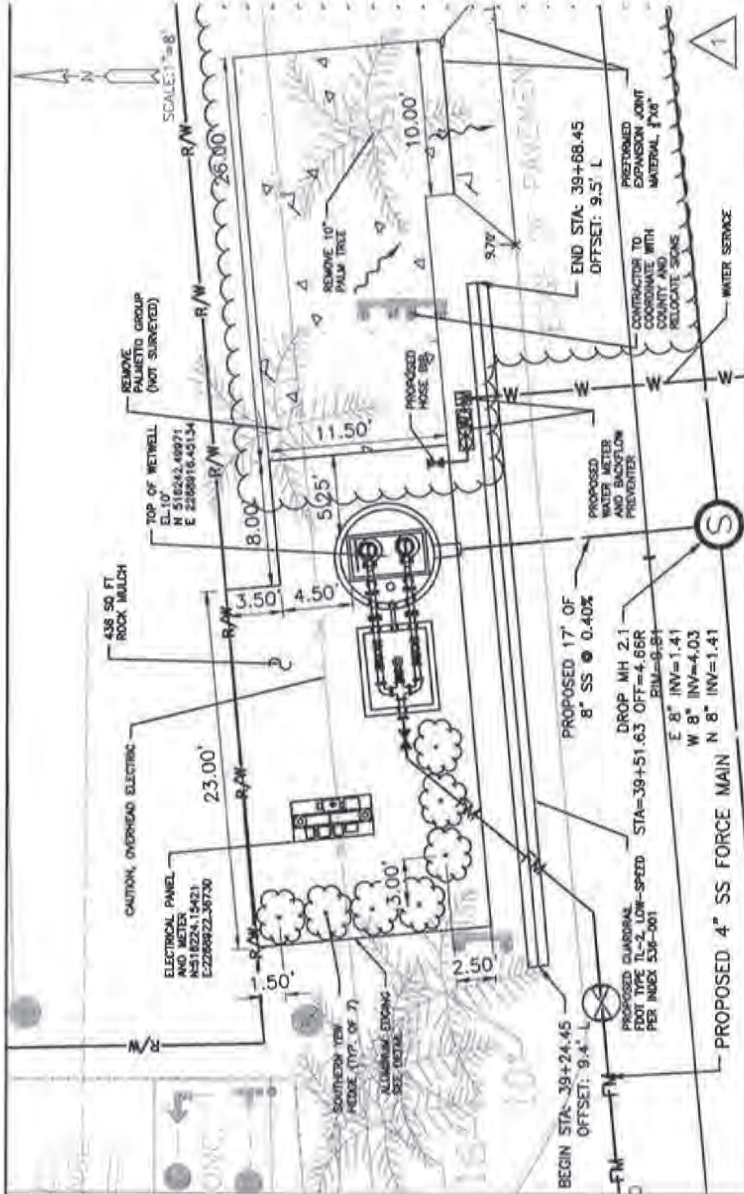
- EXCAVATE CAUTIONOUSLY LOCATIONS OF EXISTING UTILITIES INDICATED HEREIN ARE BASED ON BEST AVAILABLE INFORMATION AND ARE NOT TO BE CONSIDERED ALL INCLUSIVE. CONTRACTOR SHALL VERIFY EXACT LOCATION, CHARACTER AND NATURE OF ALL EXISTING AND PROPOSED UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO FABRICATION OF PIPING AND EQUIPMENT TO ENSURE PROPER ASSEMBLY OF ALL ITEMS.
- LOCATIONS AND DIMENSION OF EXISTING RIGHTS-OF-WAY AND EASEMENTS ARE BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY THE LIMITS OF THE RIGHTS-OF-WAY AND EASEMENTS IN ORDER TO AVOID ENCROACHMENTS.
- PIPE JOINTS SHALL NOT BE DEFLECTED.
- WEATHERPROOF ENCLOSURE CONTAINING A READILY ACCESSIBLE LIST OF EMERGENCY CONTACTS AND PHONE NUMBERS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SATISFACTION OF ALL REQUIREMENTS OF REGULATORY AGENCY PERMITS WITH REGARD TO CONSTRUCTION ACTIVITIES AND RELATED CONDITIONS.
- THE DISPOSAL OF ANY EXCESS EARTH WORK MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REPLACE WITH EQUAL MATERIAL ALL PAVING, GRASSED AREAS, STABILIZED EARTH, DRIVEWAYS, ETC., DISTURBED OR DAMAGED BY THE CONSTRUCTION OR RELATED ACTIVITIES. ALL DISTURBED AREAS SHALL BE SOODED, EXCEPT DIRT DRIVES AND WHERE INDICATED IN THE DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DE-WATERING REQUIRED DURING CONSTRUCTION AND TO OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR THE TEMPORARY DEWATERING OF DRAINAGE STRUCTURES.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL TEMPORARY PLOUGS, BLOCKING, TAPS, AND TESTING EQUIPMENT REQUIRED TO COMPLETE PRESSURE TESTING, AS SPECIFIED.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT FOR APPROVAL BY THE COUNTY, A COMPREHENSIVE WRITTEN PROCEDURE THAT DESCRIBES THE INTENDED CONSTRUCTION SEQUENCE FOR MAINTAINING AND TRANSFERRING SERVICE FROM THE EXISTING SEPTIC SYSTEMS TO THE NEW PUMP STATION. ITEMS TO ADDRESS SHALL INCLUDE THE FOLLOWING AS A MINIMUM:
  - STATION START-UP AND DRAW-DOWN PROCEDURES.
  - TIE IN OF THE NEW PUMP STATION.
- ANY WORK PROPOSED FOR THE POTABLE WATER SYSTEM SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND DETAILS OF THE APPROPRIATE UTILITY PROVIDER.
- CONTRACTOR TO SUBMIT, FOR ENGINEER APPROVAL, 100% LOW-PRESSURE, BUBBLER IRRIGATION SYSTEM FOR BOTH LIFT STATION SITES.

## PRECAST STRUCTURAL NOTES

- PRECAST STRUCTURES SHALL BE ENGINEERED PRODUCTS OF A PRECAST MANUFACTURER AND SHALL BE SPECIFICALLY DESIGNED FOR THE SERVICE AND APPLICATION AS SHOWN ON THESE DRAWINGS. THE PRECAST MANUFACTURER IS SOLELY RESPONSIBLE FOR DESIGN AND MANUFACTURE OF EACH STRUCTURE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INSTALLATION OF THESE PRODUCTS AND CONFORMANCE OF SAME WITH ALL PROJECT DOCUMENTS. TO THE ORDERING OF ANY STRUCTURES OR MATERIALS.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE CAST-IN-PLACE REINFORCEMENT AND CONCRETE PLACEMENT USED IN THE INSTALLATION OF SADDLE MANHOLES FOR REVIEW AND APPROVAL BY THE COUNTY, PRIOR TO THE ORDERING OF ANY MATERIALS.
- STRUCTURAL DESIGN STANDARDS - ACI STANDARD 318-89 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND ACI 350R-83, "CONCRETE SANITARY ENGINEERING STRUCTURES". PRECAST WALL SECTIONS ASTM C478.
- ALL CONCRETE SHALL HAVE A SPECIFIED MINIMUM COMPRESSIVE STRENGTH OF  $f_c' = 4000$  P.S.I. AT 28 DAYS, UNLESS NOTED ON DRAWINGS.
- ALL REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60. MINIMUM YIELD STRENGTH SHALL BE 60,000 P.S.I.
- CONTRACTOR SHALL COORDINATE WET WELL HATCH OPENING SIZE AND LOCATION AS REQUIRED BY PUMP MANUFACTURER/SUPPLIER WITH THE PRECAST CONCRETE SUPPLIER PRIOR TO CASTING. SHOP DRAWINGS OF THE PRECAST SHALL BE PROVIDED TO THE COUNTY FOR REVIEW.
- THE FLOOR GROUT (FILLET) SHALL BE FULL CIRCUMFERENCE OF THE STRUCTURE.

## WATER NOTES

- BACKFLOW PREVENTION REQUIREMENTS:
- BACKFLOW DEVICES WILL BE OWNED AND MAINTAINED BY CUSTOMER UNLESS OTHERWISE NOTED.
  - THE DEVELOPER/CUSTOMER IS RESPONSIBLE FOR THE REQUIRED REDUCED PRESSURE BACKFLOW PREVENTER. RESIDENTIAL DOMESTIC BACKFLOW PREVENTERS ARE REQUIRED IN AREAS WHERE RECLAIMED OR OTHER WATER SUPPLY, I.E. WELL, IS PROVIDED TO THE SITE







PreBld Meeting  
and Sewer District Well and Septi  
FGUA  
December 16, 2021 10:00 AM

[illegible]



# Pre-Bid Meeting Minutes

Project: American Beach Water & Sewer District Well & Septic Phase Out Program

Subject: Pre-Bid

Date: Thursday, December 16, 2021 10:00 A.M.

Location: 96135 Nassau Place Rd, Yulee, Florida 32097

Attendees: Robert Dickson – FGUA  
Teresa Irby-Butler (Virtual) – FGUA  
Evelyn Burton – Nassau County  
Tim Palmer – Wade Trim  
Philip Norse – Equipment Share  
Travis Hall – Equipment Share

1. FGUA began the meeting with brief introductions to the FGUA and Wade Trim representatives.
2. Wade Trim summarized the Scope of Work and the Project Intent
  - a. Provide Sanitary Collection and Pumping Systems
    - i. Two (2) Service Areas, Two Lift Stations
    - ii. Wade Trim highlighted streets north of Julia Street and described that the Contractor will need to clear some of these Right of Ways for construction.
  - b. Provide Water Distribution and Fire Protection System
    - i. Three Connection Points to the Existing System
  - c. Contractor to provide Maintenance of Traffic Plan for review and approval prior to Construction. Contractor shall only close one neighborhood entrance at any time during construction. Emergency Services, Waste Collection, and Mail Delivery must have access throughout construction.
3. Wade Trim led the discussion regarding the Availability of Bid Package
  - a. Only available on PlanetBids
4. Wade Trim confirmed the plan for the Bid and Construction Milestones



- a. Issue Addendum No. 1 – *Prior to December 24, 2021*
  - b. Last Date of Questions – January 06, 2022
  - c. Bid Due Date – January 12, 2022; 10:00 A.M. Eastern
  - d. Anticipated Substantial Completion – Quarter 2, 2023
5. Wade Trim described the details of the Engineer's Estimate for Construction
- a. Septic System Phase Out - \$4.3 Million
  - b. Water Distribution System - \$1.7 Million
6. Wade Trim reviewed the necessary Permits
- a. *62-555.900 FDEP Construction of Water Main Extensions for PWs* – Obtained by Wade Trim, to be included in Addendum No. 1.
  - b. *62-604.300 FDEP Permit for Constructing a Domestic WW Collection System* – Obtained by Wade Trim, to be included in Addendum No. 1.
  - c. NPDES SWPPP – To be obtained by the Contractor
  - d. Nassau County Right of Way Use Permit – To be obtained by the Contractor
  - e. Wade Trim emphasized the contractor's responsibility toward Gopher Tortoise Relocation and Protection
7. Wade Trim emphasized the importance of coordination during construction
- a. US Water during connection and start-up
  - b. Beach Nourishment Project
  - c. Miscellaneous Community Improvement Projects
  - d. Annual Juneteenth 5K Run
8. Site Visit was available, but lack of attendance did not warrant it.
9. Wade Trim opened the floor for questions and discussion.





**NASSAU COUNTY**  
**BOARD OF COUNTY COMMISSIONERS**  
Office of Management and Budget  
96135 Nassau Place, Suite 2  
Yulee, Florida 32097  
904-530-6040

TO: All Proposers  
FROM: Procurement  
SUBJECT: Addendum #2  
Invitation to Bid NC21-029  
**American Beach Water & Sewer District**  
**Well and Septic Tank Phase Out Program**  
January 5, 2022

**REMINDER: This addendum must be  
acknowledged.**

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions, and/or revisions to and shall take precedence over the original documents.

**NOTICE OF REMOTE ACCESS AVAILABILITY FOR BID OPENING SCHEDULED FOR  
JANUARY 12, 2022 AT 10:00AM OR SOON THEREAFTER:**

Nassau Clerk of Courts is inviting you to a scheduled Zoom meeting.

Topic: Bid Opening

Time: Jan 12, 2022 10:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

[https://us02web.zoom.us/j/83042568580?](https://us02web.zoom.us/j/83042568580?pwd=clo3MEQ5MUFnMU15SIRhME8rT1RTUT09)

[pwd=clo3MEQ5MUFnMU15SIRhME8rT1RTUT09](https://us02web.zoom.us/j/83042568580?pwd=clo3MEQ5MUFnMU15SIRhME8rT1RTUT09)

Meeting ID: 830 4256 8580

Passcode: 673950

One tap mobile

+16465588656,,83042568580#,,,\*673950# US (New York)

+13017158592,,83042568580#,,,\*673950# US (Washington DC)

Dial by your location

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: 830 4256 8580

Passcode: 673950

Find your local number: <https://us02web.zoom.us/j/83042568580?pwd=clo3MEQ5MUFnMU15SIRhME8rT1RTUT09>

---

**NOTE:** You are required to acknowledge receipt of this addendum in your submittal.

**End of Addendum #2**





**NASSAU COUNTY**  
**BOARD OF COUNTY COMMISSIONERS**  
Office of Management and Budget  
96135 Nassau Place, Suite 2  
Yulee, Florida 32097  
904-530-6040

**TO:** All Proposers  
**FROM:** Procurement  
**SUBJECT:** Addendum #3  
Invitation to Bid NC21-029  
**American Beach Water & Sewer District**  
**Well and Septic Tank Phase Out Program**  
January 12, 2022

**REMINDER: This addendum must be  
acknowledged.**

---

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions, and/or revisions to and shall take precedence over the original documents.

**NOTICE OF CHANGE OF BID DUE DATE:**

**THE REVISED DUE DATE AND TIME IS JANUARY 27, 2022 AT 10:00AM**

**NOTE:** You are required to acknowledge receipt of this addendum in your submittal.

**End of Addendum #3**

---



**NASSAU COUNTY**  
**BOARD OF COUNTY COMMISSIONERS**  
Office of Management and Budget  
96135 Nassau Place, Suite 2  
Yulee, Florida 32097  
904-530-6040

TO: All Proposers  
FROM: Procurement  
SUBJECT: Addendum #4  
Invitation to Bid NC21-029  
**American Beach Water & Sewer District  
Well and Septic Tank Phase Out Program**  
January 21, 2022

**REMINDER: This addendum must be  
acknowledged.**

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions, and/or revisions to and shall take precedence over the original documents.

**NOTICE OF CHANGE IN BID SUBMISSION REQUIREMENTS:**

Per Article 12 – Equal Employment Opportunity (Executive Order 11246) and Appendix B to the Florida Department of Environmental Protection Supplementary Conditions, the MBE/WBE participation goal for the project is a combined 6.9% of the overall project cost. Failure to meet the goal or provide sufficient documentation Affirmative Action was taken will render a bid being found non-responsive. The attached FLORIDA DEPARTMENT OF ENVIRONMENTAL SUPPLEMENTARY CONDITIONS APPENDIX B – TABLE 1: **American Beach Water and Sewer District Well and Septic Tank Phase Out Project MBE/WBE Participation Affirmative Action Form** shall be included in the bid submission. Failure to include this form in the bid package will result in bids being considered nonresponsive.

**NOTICE OF CHANGE IN BID DUE DATE:**

**THE REVISED DUE DATE AND TIME - FEBRUARY 24, 2022 10:00 AM**

**QUESTIONS:**

N/A

**ATTACHMENTS:**

**SUPPLEMENTARY CONDITIONS APPENDIX B – TABLE 1: American Beach  
Water and Sewer District Well and Septic Tank Phase Out Project MBE/WBE  
Participation Affirmative Action Form**



---

**NOTE:** You are required to acknowledge receipt of this addendum in your submittal.

**End of Addendum #4**

**SUPPLEMENTARY CONDITIONS APPENDIX B – TABLE 1**  
**AMERICAN BEACH WATER AND SEWER DISTRICT**  
**WELL AND SEPTIC TANK PHASE OUT PROJECT**  
**MBE/WBE PARTICIPATION**  
**AFFIRMATIVE ACTION FORM<sup>1</sup>**

Bidder Information							
Firms Solicited		MBE/WBE Certification No.	Scope of Work Or Material Solicited	Date Solicited	Type of Solicitation <sup>2</sup> (Email, Phone, etc)	Selected Yes/No	Commitments (\$)
Company Name: Address:							
Contact Person: Telephone: (    )							
Company:							
Contact Person:							
Phone No.:							
Company:							
Contact Person:							
Phone No.:							
Company:							
Contact Person:							
Phone No.:							
Company:							
Contact Person:							
Phone No.:							
Company:							
Contact Person:							
Phone No.:							
Subtotal of MBE/WBE Commitments (\$)							
Base Bid Total (\$)							
Percentage of MBE/WBE Committed Participation (%)							

1. Add additional sheets as needed
2. Supporting documentation to be provided



By certifying this form, I attest \_\_\_\_\_ (insert construction company name) has carried out the following affirmative steps:

1. Included qualified minority and women's businesses on solicitation lists.
2. Solicited minority and women's businesses whenever they are potential sources.
3. Divided total requirements, when economically feasible, into small tasks or quantities to permit maximum participation by minority and women's businesses.
4. Where feasible, established delivery schedules which will encourage participation by minority and women's businesses.
5. Used the services and assistance of the U.S. Department of Commerce's Minority Business Development Agency (MBDA) and the U.S. Small Business Administration to identify MBEs/WBEs.

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Typed/Printed Name of Authorized Representative

1. Add additional sheets as needed
2. Supporting documentation to be provided



**NASSAU COUNTY**  
**BOARD OF COUNTY COMMISSIONERS**  
Office of Management and Budget  
96135 Nassau Place, Suite 2  
Yulee, Florida 32097  
904-530-6040

TO: All Proposers  
FROM: Procurement  
SUBJECT: Addendum #5  
Invitation to Bid NC21-029  
**American Beach Water & Sewer District**  
**Well and Septic Tank Phase Out Program**  
February 4, 2022

**REMINDER: This addendum must be  
acknowledged.**

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions, and/or revisions to and shall take precedence over the original documents.

#### **QUESTIONS:**

**Q1. Per Addendum 4 the proposed contract time for substantial completion has been changed to 90 calendar days and final completion will be 30 days Total Days to construct is 120 Days is this correct in the revised bid form 6.01 the dates are not listed and would be inserted by the bidder which is correct?**

**Response:** Addendum #4 did not impact contract time. Addendum #4 extended the bid date to **February 24, 2022, 10:00 AM.**

In regard to contract time and milestones, the bid form has been updated to reflect the time to final and substantial completion as listed in the Agreement. Additionally, the last sentence of 00 52 15 Article 4.02 has been updated to coordinate with total contract time.  
Division 00 41 15 Bid Form Article 6.01

Bidder agrees that the Work will be substantially complete within 365 calendar days after the date when the Contract Times commence to run as provided in paragraph 2.03 of the General Conditions and completed and ready for final payment in accordance with paragraph 14.07.B of the General Conditions within 30 calendar days from the date of substantial completion. Total contract time shall be 395 calendar days; for everyday the work goes beyond substantial completion; a day will be removed from final completion so the total days equal 395 calendar days.

Division 00 52 15 Agreement Article 4.02

The Work will be substantially completed within 365 days after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions and completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions within 30 calendar days from the date of substantial completion. Total contract time shall be 395 ~~420~~ calendar days; for everyday the work goes beyond substantial completion; a day will be removed from final completion so the total days equal 395 ~~420~~ calendar days.



**Q2. What is the engineer's estimate for the project?**

**Response:** The EEOPC for the project (both water and sewer) is approximately \$6M

**ATTACHMENTS:**

N/A

---

**NOTE:** You are required to acknowledge receipt of this addendum in your submittal.

**End of Addendum #5**



**NASSAU COUNTY**  
**BOARD OF COUNTY COMMISSIONERS**  
Contract Management Department  
96135 Nassau Place, Suite 6  
Yulee, Florida 32097  
904-530-6040 Fax: 904-321-2658

Charlotte J. Young, CPPB  
cyoung@nassaucountyfl.com

**REMINDER: This addendum must be acknowledged, signed and returned with your proposal. Failure to comply may result in disqualification of your submittal.**

TO: All Proposers  
FROM: Thomas O'Brien, Procurement Specialist  
SUBJECT: Addendum #6  
Invitation to Bid, Bid No. NC21-029-ITB  
American Beach Water & Sewer District Well & Septic Tank Phase Out  
Program  
TBD

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to, and shall take precedence over, the original documents.

### **Part 1 – Questions & Responses**

1. Bid Item 6.9 Miscellaneous Concrete Replacement / The quantity's listed will not begin to cover the concrete replacement that will be incurred building this project. Also, you have no Concrete R & R included in the Sewer System how will you pay for this work

**Response 1:** See the attached revised bid form

2. Do you have roadway base line control and elevations in cad format of will we have to survey the roadways before construction?

**Response 2:** See the attached base line control and elevations drawings. The CADD files associated with these drawings will be provided to the construction contractor who is brought under agreement.

3. Who will be in charge of setting up a preconstruction meeting with local residents and EM services?

**Response 3:** American Beach design and construction updates are provided to the residents monthly at the American Beach Advisory Board meetings. The emergency management agencies have been included in design reviews. FGUA will organize and chair the preconstruction meeting. Representatives from the County's EM services group will attend the preconstruction meeting.

### **Part 2 - Clarifications**

1. Substantial Completion is listed as 365 Days per Addendum 5, After performing a schedule and production analysis based on the requirements to keep residents and emergency services along with home construction access, I do not think it can be completed in less the 550 Days to Substantial Completion.



American Beach Well & Sewer District Well & Septic Tank Phase Out Program  
NC22-029  
Addendum No. 6

---

**Clarification 1:** In consideration of current market workforce and supply chain challenges and MOT requirements for the project, substantial completion has been extended to 550 days.

Division 00 41 15 Bid Form Article 6.01 is updated as follows:

Bidder agrees that the Work will be substantially complete within 550 calendar days after the date when the Contract Times commence to run as provided in paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with paragraph 14.07.B of the General Conditions within 30 calendar days from the date of substantial completion. Total contract time shall be 580 calendar days; for everyday the work goes beyond substantial completion, a day will be removed from final completion so the total days equal 580 calendar days.

Division 00 52 15 Agreement Article 4.02 is updated as follows:

The Work will be substantially completed within 550 days after the date when the Contract Times commence to run as provided in Paragraph 2.03 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions within 30 calendar days from the date of substantial completion. Total contract time shall be 580 calendar days; for everyday the work goes beyond substantial completion, a day will be removed from final completion so the total days equal 580 calendar days.

2. Bid Item 2.2 and 6.2 / 12" Lime rock Base is called out on SOV but details call out 6" Light Duty and 8" Heavy Duty can you explain the difference in thickness.

**Clarification 2:** See the attached revised Specification Section 01025 Measurement and Payment

3. Bid Item 2.7 or 6.7 Sod / There is not enough sod in your bid items to complete this item of work as listed in the M & P

**Clarification 3:** See the attached revised bid form and PAYMENT LIMITS FOR SURFACE RESTORATION, SELECT BEDDING AND BACKFILL MATERIAL AND REMOVAL OF UNSUITABLE MATERIAL detail

4. Bid Item 7.13 Automatic Blow Off / Flushing Assembly Do you have a detail drawing for this item of work

**Clarification 4:** See the attached AUTOMATIC FLUSHING DEVICE detail

**Clarification 5:** The project is a unit price project. The Bid Form is updated to indicate TOTAL BASE BID LUMP-SUM (ITEMS 1.0 to 7.0)

American Beach Well & Sewer District Well & Septic Tank Phase Out Program  
NC22-029  
Addendum No. 6

---

**ATTACHMENTS:**

**Attachment 1: Standard Details – Water and Sewer, D-28**

**Attachment 2: Revised Bid Form**

**Attachment 3: Revised Specification Section 01025 Measurement and Payment**

**Attachment 4: Survey**

---

**ACKNOWLEDGMENT IS HEREBY MADE OF RECEIPT OF THIS ADDENDUM  
NO. 1, ISSUED DURING THE SOLICITATION PERIOD:**

**Vendor Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**End of Addendum #6**





BASE BID					
Item No.	Pay Item Description	Units	Quantity	Cost Per Unit	Total Cost
<b>SANITARY SEWER SYSTEM</b>					
<b>Item 1.0 General</b>					
1.1	Mobilization/General Requirements (Each Not to Exceed 5% of Sewer System Bid Price)	LS	1		\$
1.2	Maintenance of Traffic (MOT)	LS	1		\$
1.3	Final Measures (As-Built)	LS	1		\$
<b>Subtotal</b>					\$
<b>Item 2.0 Site Work</b>					
2.1	50% Removal of Asphaltic Concrete Street Pavement	SY	14450		\$
2.2	50% 12" Limerock Base Coarse	SY	14450		\$
2.3	50% 1.5" Asphaltic Concrete	SY	14450		\$
2.4	50% Pavement Markings	LF	145		\$
2.5	50% Mill & Resurface	SY	50		\$
2.6	50% Surface Restoration of Unpaved Roadways (Millings)	SY	2425		\$
2.7	Sod	SY	400		\$
2.8	Gopher Tortoise Relocation Allowance				\$ 30,000
2.9	Miscellaneous Concrete Replacement	CY	5		\$
<b>Subtotal</b>					\$
<b>Item 3.0 Wastewater Collection System</b>					
3.1	8-inch Sanitary Sewer	LF	12705		\$
3.2	4-ft Diameter Manhole	EA	46		\$
3.3	5-ft Diameter Manhole	EA	2		\$
3.4	Drop Manholes	EA	5		\$
3.5	4-in Sanitary Service Lateral	EA	310		\$
3.6	6-in. Sanitary Service Lateral	EA	3		\$
3.7	4-inch Sanitary Forcemain, Unrestrained	LF	1930		\$
3.8	4-inch Sanitary Forcemain, Restrained	LF	380		\$
3.9	Gate Valves	EA	5		\$
3.10	Air Release Valve & Vault	EA	4		\$
<b>Subtotal</b>					\$
<b>Item 4.0 Lift Stations</b>					
4.1	Sewer Lift Station 1	LS	1		\$
4.2	Sewer Lift Station 2	LS	1		\$
<b>Subtotal</b>					\$
<b>WATER DISTRIBUTION SYSTEM</b>					
<b>Item 5.0 General</b>					
5.1	Mobilization/General Requirements (Each Not to Exceed 5% of Water Distribution System Bid Price)	LS	1		\$
5.2	Maintenance of Traffic (MOT)	LS	1		\$
5.3	Final Measures (As-Built)	LS	1		\$
<b>Subtotal</b>					\$
<b>Item 6.0 Sitework</b>					
6.1	50% Removal of Asphaltic Concrete Street Pavement	SY	14450		\$
6.2	50% 12" Limerock Base Coarse	SY	14450		\$
6.3	50% 1.5" Asphaltic Concrete	SY	14450		\$
6.4	50% Pavement Markings	LF	145		\$
6.5	50% Mill & Resurface	SY	50		\$
6.6	50% Surface Restoration of Unpaved Roadways (Millings)	SY	2425		\$
6.7	Sod	SY	325		\$
6.8	Gopher Tortoise Relocation Allowance				\$ 30,000
6.9	Miscellaneous Concrete Replacement	CY	200		\$
<b>Subtotal</b>					\$
<b>Item 7.0 Water Distribution System</b>					
7.1	2-inch Water Main, Unrestrained	LF	2440		\$



7.2	4-inch Water Main, Unrestrained	LF	1930		\$
7.3	6-inch Water Main, Unrestrained	LF	3210		\$
7.4	8-inch Water Main, Unrestrained	LF	840		\$
7.5	10-inch Water Main, Unrestrained	LF	0		\$
7.6	2-inch Water Main, Restrained	LF	610		\$
7.7	4-inch Water Main, Restrained	LF	550		\$
7.8	6-inch Water Main, Restrained	LF	1380		\$
7.9	8-inch Water Main, Restrained	LF	1340		\$
7.10	10-inch Water Main, Restrained	LF	20		\$
7.11	Gate Valves	EA	54		\$
7.12	Fire Hydrant Assembly	EA	7		\$
7.13	Automatic Blow-Off/Flushing Assembly	EA	8		\$
7.14	3/4" Short Side Single Service Connection and Meter Box	EA	149		\$
7.15	3/4" Long Side Single Service Connection and Meter Box	EA	147		\$
7.16	2" Single Service Connection	EA	2		\$
<b>Subtotal</b>					\$
<b>TOTAL BASE BID (ITEMS 1.0 to 7.0)</b>					\$

## **SECTION 01025 MEASUREMENT AND PAYMENT**

### **PART I – GENERAL**

#### **1.01 SCOPE OF PAYMENT**

- A. Payment to the CONTRACTOR will be made for actual quantities and Work completed and accepted in accordance with the Contract.
- B. The CONTRACTOR shall accept in compensation provided herein full payment for furnishing all materials, labor, tools, equipment, and incidentals necessary to complete all Work included in the Contract. The OWNER will make no allowances for Items not included in the proposal.
- C. The payment of any progress payment shall not relieve the CONTRACTOR of his obligation to repair any defective Work or of his responsibility for all damage due to such defects.
- D. No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work if not shown as a separate pay item.
  - 1. Clearing and grubbing
  - 2. Excavation, including necessary pavement base and Coquina rock removal
  - 3. Shoring and sheeting
  - 4. Disposal of surplus water from dewatering activities
  - 5. Structural fill
  - 6. Backfill
  - 7. Grading
  - 8. Replacement of unpaved roadways, grass and shrubbery plots
  - 9. Cleanup
  - 10. Testing and placing system into operation
  - 11. Any material and equipment required to be installed and utilized for the test
  - 12. Pipe, structures, pavement replacement and/or appurtenances included within the limits of lump sum work
  - 13. Maintaining the existing quality of service during construction
  - 14. Appurtenant work as required for a complete and operable system
  - 15. Driveway/Sidewalk Removal/Replacement

#### **1.02 PROCEDURE FOR MEASUREMENT**

- A. For lump sum items, payment shall be based on the lump sum prices set forth in the Bid Form and based on the amount of completed Work as determined by the accepted Schedule of Values.
- B. For field measured unit-price items; payment shall be based on the actual amount of Work accepted and the actual amount of materials in place, as will be determined by the final measurements.
  - 1. All units of measurement shall be standard United States convention as it applies to the specific items of Work by tradition and as interpreted by the ENGINEER.
  - 2. Once each month the ENGINEER will prepare two "Monthly Progress Summation" forms from the month's accumulation of "Daily Progress Reports".
  - 3. The completed forms will provide the basis of the ENGINEER'S monthly quantity



estimate upon which payment will be made. Items not appearing on both the Daily Progress Reports and the Monthly Progress Summations will not be included for payment. Items appearing on forms not properly signed by the CONTRACTOR will not be included for payment.

4. After the Work is completed and before final payment is made, the OWNER will make final field measurements to determine the quantities of various items of Work accepted as the basis for final settlement.

#### 1.03 PROGRESS PAYMENT

- A. Progress payments shall be made monthly as Work progresses in accordance with the provisions of the General Conditions based on an accepted Progress Schedule; Schedule of Values and field measured unit quantities.

#### 1.04 ESTIMATED QUANTITIES

- A. All estimated field measure quantities stipulated in the Bid Form or other Contract Documents are approximate and are to be used only (a) as a basis for estimating the probable cost of the Work and (b) for purpose of comparing the bids submitted for the Work. The actual amounts of Work done under field measured unit price items may differ from the estimated quantities.
- B. The basis of payment for Work will be the actual amount of Work done and field measured unless it exceeds the estimated quantities in which case a change order must be approved prior to payment for quantities exceeding the estimated quantity.

#### 1.05 INCIDENTAL WORK

- A. All work shown on the plans and referenced in the specifications as being part of the contract for which no separate pay item is provided is considered incidental to the contract. Incidental items are to be incorporated into the pay items provided. Claims for separate payment of incidental items will not be considered.

#### 1.06 FINAL PAYMENT

- B. The OWNER shall make final payment upon final acceptance of the work as set forth in the General Conditions.

#### 1.07 ITEMS OF THE PROPOSAL

- A. Mobilization/General Requirements Bid Item 1.1

Mobilization will be paid for at the Contract Unit Price per lump sum basis. Price paid shall be payment in full for all labor, material, and equipment necessary for all preparatory work and operations, including, but not limited to, those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of the CONTRACTOR's, ENGINEER's, and OWNER's field offices, and other facilities necessary to undertake the work on the project; and for other work and operations which must be performed, or for expenses incurred, prior to beginning work on the various contract items on the project site. It shall also include preconstruction costs, including required NPDES and ROW permits, insurance and bonds, consideration for indemnification to the County and the Engineer, exclusive of bidding costs and the cost of construction materials, which are necessary direct costs to the project and are of a general nature rather than directly attributable to other pay items under the contract.

B. Maintenance of Traffic (MOT) Bid Item 1.2

Traffic maintenance and control will be paid for at the Contract Unit Price on a lump sum basis. Price paid shall be payment in full for all labor, material, and equipment required for maintaining traffic, development and coordination in development of an approved maintenance of traffic plan, and shall include, but is not limited to, furnishing, installing, operating, and maintaining all barricades, lighted arrow boards, drums, traffic control devices, signs, channeling devices, cones, flagmen, flag control, pavement markings, warning flashers, concrete barriers, minor traffic devices, and all other items necessary to complete the job, whether specifically mentioned or implied.

C. Final Measures (As-Builts) Bid Item 1.3

Final Measures (As-Builts) will be paid for at the Contract lump sum price as specified in the Proposal. Price paid shall be payment in full for all labor, material, equipment, and supplies necessary for furnishing completed final measures in accordance with the Bid Form.

D. 50% Removal Existing Asphaltic Concrete Street Pavement Bid Item 2.1

Removal of bituminous pavement, regardless of thickness, will be paid for at the Contract Unit Price per square yard. Price paid shall be payment in full for all labor, material, and equipment necessary for removing and disposing bituminous pavement, and shall include, but is not limited to, all saw cutting, excavation, protection of existing improvements, removal and disposal of unsuitable material, barricading, miscellaneous restoration or cleanup, and all other items necessary to complete the Work, whether specifically mentioned or implied. Measurement for removal of bituminous pavement will be by field measure of removed pavement is square yards.

E. 50% 12" Limerock Base Course Bid Item 2.2

Payment for base material will be made for limerock base material as shown, or ordered, for the thickness specified. Payment will include furnishing, placing, and compacting the material. Payment will be per square yard of base material compacted within the payment limits shown on the Plans.

F. 50% 1.5" Asphaltic Concrete Bid Item 2.3

Payment for asphaltic concrete pavement replacement will include furnishing and placing base material and asphaltic concrete pavement within the pavement limits shown and the thickness shown and specified herein and on the contract documents. Payment will also include prime coat and tack coats. Payment will be per square yard of asphaltic concrete pavement replaced. No payment will be made for asphaltic concrete pavement if the mix delivered does not conform to the Technical Specifications, or if the thickness of asphalt or base is less than specified.

G. 50% Pavement Markings Bid Item 2.4

Pavement markings of the type, width and color specified on the Plans, will be paid for at the Contract Unit Price per linear foot unit basis. Price paid shall be payment in full for all labor, material, and equipment necessary for pavement markings, actually placed, and shall include, but is not limited to, all preparation of surface, layout, removing any old markings, applying proposed pavement markings, glass beads, providing temporary barricading, cleanup, and all items necessary to complete the job, whether specifically mentioned or implied. Measurement for pavement markings will be in linear feet, determined by field measurement of the actual lines placed. Measurement for skip pavement markings shall be



in linear feet for the full length with no deduction for the skipped portion of the line length.

H. 50% Pavement Milling, Salvage, and Resurfacing Bid Item 2.5

Work under this Pay Item provides for all costs for removal and storage of existing asphalt outside the limits of the trench limits for installation of the proposed utilities by cold milling, average depth of 1.5 inches of asphalt, and resurfacing with asphaltic concrete roadway overlay to the extents identified on the plans at the points of connection and intersections. The price quoted shall be per square yard of material replaced to the thickness specified, and shall include all required labor, equipment, material, handling of salvaged material, and disposal of unsuitable material.

I. 50% Surface Restoration of Unpaved Roadways (Millings) Bid Item 2.6

Work under this Pay Item provides for all costs for handling, furnishing, placing, and compacting, average depth of 1 inch of recycled millings to restore roadways to the existing condition prior to construction. Payment will include furnishing, placing, and compacting the material. Payment will be per square yard of base material compacted within the payment limits shown on the Plans.

J. Sod (Sanitary System) Bid Item 2.7

Restoration with topsoil (of the depth specified), and sod will be paid for at the Contract Unit Price per square yard unit basis. Price paid shall be payment in full for all labor, material, and equipment necessary to restore the trench to the cross section shown on the Plans or as determined by the ENGINEER, and shall include, but is not limited to all excavation, subgrade preparation, filling, shaping, grading, plowing, discing, raking, disposing of unsuitable material and excess material, furnishing fill and topsoil, placing sod, pegging, rolling, tamping, mowing, maintenance and care, and all items necessary to complete the job, whether specifically mentioned or implied. The CONTRACTOR shall restore to the limits disturbed by his operations in accordance with the PLANS. Measurement for restoration with topsoil and sod will be determined by taking the length along the proposed sanitary sewer, less the driveway width or the pavement width at the intersections.

Areas disturbed outside of the limits indicated shall be restored at the CONTRACTOR's expense.

K. Gopher Tortoise and Indigo Snake Relocation Allowance (Sanitary System) Bid Item 2.8

Relocation of Gopher Tortoises or Indigo Snakes will be paid for from the Contract Lump Sum Allowance on an as needed basis. Price paid shall be payment in full for all labor, material, and equipment necessary for professional relocation and handling of gopher tortoises and indigo snakes on an as needed basis during construction. Measurement for gopher tortoise and indigo snake relocations shall be by subcontractor invoice provided by professional, licensed environmental science firm on an as needed basis submitted to the ENGINEER at time of placement.

L. Miscellaneous Concrete Replacement Bid Item 2.9

The removal and replacement of sidewalks, sidewalk ramps and driveway approaches, with the thickness specified on the Plans, will be paid for at the Contract Unit Price per cubic yard. Price paid shall be payment in full for all labor, material, and equipment necessary for the removal and replacement of the sidewalk, sidewalk ramps, and driveway approaches and shall include, but is not limited to, all saw cutting, removal and disposal of unsuitable material, compacting and fine grading subgrade, furnishing, placing, and compacting backfill and subbase, construction of

expansion joints, also forming, placing, jointing, finishing and curing the concrete, construction of detectable warning, providing protection against rain and cold weather, backfilling, protection of existing improvements, barricading, restoration, and for all items necessary to complete the job, whether specifically mentioned or implied. Measurement for removal and replacement of the sidewalk, sidewalk ramps and driveway approaches will be in cubic yard, field measured in place. Sidewalk ramps will be measured from back of curb to the key flag or to the end of the monolithic rolled curb whichever is less.

M. 8-inch Sanitary Sewer

Bid Item 3.1

Sanitary sewer, of the type, diameter and class specified, in open cut trench, will be paid for at the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing gravity sewer main and shall include, but is not limited to, all specials, silt fencing, construction baseline determination, construction staking, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), testing, CCTV inspection, backfill density testing, flushing, final cleanup, connections at proposed manholes, and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for sanitary sewer will be in linear feet along the horizontal centerline, regardless of vertical deflection of the pipe, taken from the inside wall of the manhole to the inside wall of the adjoining manhole.

N. 4-ft Diameter Manholes

Bid Item 3.2

Manholes, of the type, diameter and class specified in open cut trench will be paid for at the Contract Unit Price per the Bid Form. Payment for manholes will be made at the unit rate amount regardless of depth. No special payment for construction depth will be made. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing sanitary sewer manholes and shall include, but is not limited to, all specials, silt fencing, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, lining, coatings, rim and cover, rim adjustments to grade, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), testing, CCTV inspection, backfill density testing, flushing, final cleanup, connections to sanitary sewer, and all other items necessary to complete the job, whether specifically mentioned or implied.

O. 5-ft Diameter Manholes

Bid Item 3.3

Manholes, of the type, diameter and class specified in open cut trench will be paid for at the Contract Unit Price per the Bid Form. Payment for manholes will be made at the unit rate amount regardless of depth. No special payment for construction depth will be made. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing sanitary sewer manholes and shall include, but is not limited to, all specials, silt fencing, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, lining, coatings, rim and cover, rim adjustments to grade, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), testing, CCTV inspection, backfill density testing, flushing, final cleanup, connections to sanitary sewer, and all other items necessary to complete the job, whether specifically mentioned or implied.

P. Drop Manholes

Bid Item 3.4



Manholes, of the type, diameter and class specified in open cut trench will be paid for at the Contract Unit Price per the Bid Form. Payment for manholes will be made at the unit rate amount regardless of depth. No special payment for construction depth will be made. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing sanitary sewer manholes and shall include, but is not limited to, all specials, silt fencing, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, lining, coatings, rim and cover, rim adjustments to grade, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), testing, CCTV inspection, backfill density testing, flushing, final cleanup, connections to sanitary sewer, and all other items necessary to complete the job, whether specifically mentioned or implied.

Q. 4-inch Sanitary Lateral Bid Item 3.5

Sanitary sewer laterals of the length and types specified, will be paid for at the Contract Unit Price per each as specified in the Bid Form. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing sanitary laterals to the right of way line and shall include, but is not limited to, service wye, electronic marker balls, identification for vacant lots per the JEA details, clean-outs, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), connection to new sanitary main, restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied.

R. 6-inch Sanitary Lateral Bid Item 3.6

Sanitary sewer laterals of the length and types specified, will be paid for at the Contract Unit Price per each as specified in the Bid Form. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing sanitary laterals to the right of way line and shall include, but is not limited to, service wye, electronic marker balls, identification for vacant lots per the JEA details, clean-outs, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), connection to new sanitary main, restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied.

S. 4-inch Sanitary Force Main, Unrestrained Bid Item 3.7

Force main, of the type, diameter and class specified, in open cut trench, will be paid for at the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing force main and shall include, but is not limited to, all specials, electronic ball markers, tracer wire, polyethylene wrapping, excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), roadway base course, hydrostatic testing, locator wire "continuity testing", backfill density testing, flushing, final cleanup, and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for force main will be in linear feet along the horizontal centerline, regardless of vertical deflection of the pipe taken from end-to-end with no reduction for fittings and valves except for special structures, sections or connections for which either lump sum or unit prices have been taken will be deducted from the

total length of force main and will be paid for at the prices bid therefor.

T. 4-inch Sanitary Force Main, Restrained Bid Item 3.8

Force main, of the type, diameter and class specified, in open cut trench, will be paid for at the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing force main and shall include, but is not limited to, all specials and ductile iron fittings with Protecto 401 coating, electronic ball markers, tracer wire, polyethylene wrapping, excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, temporary blow-offs, restraints, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), roadway base course, hydrostatic testing, locator wire "continuity testing", backfill density testing, flushing, final cleanup, connections to existing discharge manhole, connections at valve vaults, and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for force main will be in linear feet along the horizontal centerline, regardless of vertical deflection of the pipe taken from end-to-end with no reduction for fittings and valves except for special structures, sections or connections for which either lump sum or unit prices have been taken will be deducted from the total length of force main and will be paid for at the prices bid therefor.

U. Sanitary Gate Valve Bid Item 3.9

Valves and valve boxes will be paid for at the Contract Unit Price per each as specified in the Bid Form. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing valve and valve box, and shall include, but is not limited to, valve box foundation, plastic debris shield, electronic ball markers, blue paint, tracer wire, steel reinforcing, valve tags, blocks, valve box sections, stone (#57), adjusting rings, box frame and cover, coatings, valve box, all necessary excavation, sheeting and bracing, shoring, dewatering, connection to water main, backfilling, restraints, disposal of excess excavated material, thrust blocks, restoration, adjustments to final grade, cleanup, concrete collar in unpaved areas, and all other items necessary to complete the job, whether specifically mentioned or implied. Valves and wells will be measured as units installed.

V. Air Release Valves and Vault Bid Item 3.10

Automatic air release valve assemblies and vaults with rim and cover will be paid for at the Contract Unit Price per each as specified in the Bid Form Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing air release assemblies, and shall include, but is not limited to, automatic air release valve, enclosure, miscellaneous pipe connecting assembly to force main, fittings, all necessary excavation, sheeting and bracing, shoring, dewatering, backfilling, disposal of excess excavated material, restraints, painting to OWNER'S standards, testing, restoration, cleanup, and all other items necessary to complete the job, whether specifically mentioned or implied.

W. Sanitary Sewer Lift Station 1 Bid Item 4.1

Lift station payment will be based on the lump sum price as stated in the Bid Form and will be full compensation for furnishing all labor, materials, and equipment necessary to construct the proposed pump station to the influent manhole. Work includes but is not necessarily limited to the following: Pump Station components, site grading, electrical components, wet well, valve vault, appurtenances, and mechanical equipment including hatches, driveway, top slabs, valves, pumps, motors, control panel, cables, rails, pressure piping and appurtenances as shown on the Drawings. All coordination, materials and equipment, tools,



and labor to install new SCADA/mission control panel with cellular capabilities, water service connection, fully operational landscaping system, landscaping as shown on the contract plans, and electrical equipment. All coordination with the electric power company, materials, equipment, tools, labor and fees to install an electrical service connection at the lift station site per the plans. Installation of all site and adjacent improvements noted on drawings including driveways and driveway connections, drainage and swale piping, asphalt and concrete paving, rock fill and sodding. All work required to construct, complete start-up testing and deliver a complete operational Pump Station without interruption of service. Measurement for this item shall be based on satisfactory construction of the proposed Pump Station complete and ready for continuous operation.

X. Sanitary Sewer Lift Station 2

Bid Item 4.2

Lift station payment will be based on the lump sum price as stated in the Bid Form and will be full compensation for furnishing all labor, materials, and equipment necessary to construct the proposed pump station to the influent manhole. Work includes but is not necessarily limited to the following: Pump Station components, site grading, electrical components, wet well, valve vault, appurtenances, and mechanical equipment including hatches, top slabs, valves, pumps, motors, control panel, cables, rails, pressure piping and appurtenances as shown on the Drawings. All coordination, materials and equipment, tools, and labor to install new SCADA/mission control panel with cellular capabilities, water service connection, fully operational landscaping system, landscaping as shown on the contract plans, and electrical equipment. All coordination with the electric power company, materials, equipment, tools, labor and fees to install an electrical service connection at the lift station site per the plans. Installation of all site and adjacent improvements noted on drawings including driveways and driveway connections, drainage and swale piping, asphalt and concrete paving, rock fill and sodding. All work required to construct, complete start-up testing and deliver a complete operational Pump Station without interruption of service. Measurement for this item shall be based on satisfactory construction of the proposed Pump Station complete and ready for continuous operation.

Y. Mobilization/General Requirements (Water System)

Bid Item 5.1

Mobilization will be paid for at the Contract Unit Price per lump sum basis. Price paid shall be payment in full for all labor, material, and equipment necessary for all preparatory work and operations, including, but not limited to, those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of the CONTRACTOR's, ENGINEER's, and OWNER's field offices, and other facilities necessary to undertake the work on the project; and for other work and operations which must be performed, or for expenses incurred, prior to beginning work on the various contract items on the project site. It shall also include preconstruction costs, including required NPDES and ROW permits, insurance and bonds, consideration for indemnification to the County and the Engineer, exclusive of bidding costs and the cost of construction materials, which are necessary direct costs to the project and are of a general nature rather than directly attributable to other pay items under the contract.

Z. Maintenance of Traffic (MOT)

Bid Item 5.2

Traffic maintenance and control will be paid for at the Contract Unit Price on a lump sum basis. Price paid shall be payment in full for all labor, material, and equipment required for maintaining traffic, development and coordination in development of an approved maintenance of traffic plan, and shall include, but is not limited to, furnishing, installing, operating, and maintaining all barricades, lighted arrow boards, drums, traffic control devices, signs, channeling devices, cones, flagmen, flag control, pavement markings, warning flashers, concrete barriers, minor traffic devices, and all other items necessary to complete the job, whether specifically mentioned or implied.

AA. Final Measures (As-Builts)

Bid Item 5.3

Final Measures (As-Builts) will be paid for at the Contract lump sum price as specified in the Proposal. Price paid shall be payment in full for all labor, material, equipment, and supplies necessary for furnishing completed final measures in accordance with the Bid Form.



BB. 50% Removal Existing Asphaltic Concrete Street Pavement Bid Item 6.1

Removal of bituminous pavement, regardless of thickness, will be paid for at the Contract Unit Price per square yard. Price paid shall be payment in full for all labor, material, and equipment necessary for removing and disposing bituminous pavement, and shall include, but is not limited to, all saw cutting, excavation, protection of existing improvements, removal and disposal of unsuitable material, barricading, miscellaneous restoration or cleanup, and all other items necessary to complete the Work, whether specifically mentioned or implied. Measurement for removal of bituminous pavement will be by field measure of removed pavement is square yards.

CC. 50% 12" Limerock Base Course Bid Item 6.2

Payment for base material will be made for limerock base material as shown, or ordered, for the thickness specified. Payment will include furnishing, placing, and compacting the material. Payment will be per square yard of base material compacted within the payment limits shown on the Plans.

DD. 50% 1.5" Asphaltic Concrete Bid Item 6.3

Payment for asphaltic concrete pavement replacement will include furnishing and placing base material and asphaltic concrete pavement within the pavement limits shown and the thickness shown and specified herein and on the contract documents. Payment will also include prime coat and tack coats. Payment will be per square yard of asphaltic concrete pavement replaced. No payment will be made for asphaltic concrete pavement if the mix delivered does not conform to the Technical Specifications, or if the thickness of asphalt or base is less than specified.

EE. 50% Pavement Markings Bid Item 6.4

Pavement markings of the type, width and color specified on the Plans, will be paid for at the Contract Unit Price per linear foot unit basis. Price paid shall be payment in full for all labor, material, and equipment necessary for pavement markings, actually placed, and shall include, but is not limited to, all preparation of surface, layout, removing any old markings, applying proposed pavement markings, glass beads, providing temporary barricading, cleanup, and all items necessary to complete the job, whether specifically mentioned or implied. Measurement for pavement markings will be in linear feet, determined by field measurement of the actual lines placed. Measurement for skip pavement markings shall be in linear feet for the full length with no deduction for the skipped portion of the line length.

FF. 50% Pavement Milling, Salvage, and Resurfacing Bid Item 6.5

Work under this Pay Item provides for all costs for removal and storage of existing asphalt outside the limits of the trench limits for installation of the proposed utilities by cold milling, average depth of 1.5 inches of asphalt, and resurfacing with asphaltic concrete roadway overlay to the extents identified on the plans at the points of connection and intersections. The price quoted shall be per square yard of material replaced to the thickness specified, and shall include all required labor, equipment, material, handling of salvaged material, and disposal of unsuitable material.

GG. 50% Surface Restoration of Unpaved Roadways (Millings) Bid Item 6.6

Work under this Pay Item provides for all costs for handling, furnishing, placing, and compacting, average depth of 1 inch of recycled millings to restore roadways to the existing condition prior to construction. Payment will include furnishing, placing, and compacting the material. Payment will be per square yard of base material compacted within the payment

limits shown on the Plans.

HH. Sod (Water Mains)

Bid Item 6.7

Restoration with topsoil (of the depth specified), and sod will be paid for at the Contract Unit Price per square yard unit basis. Price paid shall be payment in full for all labor, material, and equipment necessary to restore the trench to the cross section shown on the Plans or as determined by the ENGINEER, and shall include, but is not limited to all excavation, subgrade preparation, filling, shaping, grading, plowing, discing, raking, disposing of unsuitable material and excess material, furnishing fill and topsoil, placing sod, pegging, rolling, tamping, mowing, maintenance and care, and all items necessary to complete the job, whether specifically mentioned or implied. The CONTRACTOR shall restore to the limits disturbed by his operations in accordance with the PLANS. Measurement for restoration with topsoil and sod will be determined by taking the length along the proposed water main, less the driveway width or the pavement width at the intersections.

Areas disturbed outside of the limits indicated on the plans shall be restored at the CONTRACTOR's expense.

II. Gopher Tortoise and Indigo Snake Relocation Allowance (Water Mains)

Bid Item 6.8

Relocation of Gopher Tortoises or Indigo Snakes will be paid for from the the Contract Lump Sum Allowance on an as needed basis. Price paid shall be payment in full for all labor, material, and equipment necessary for professional relocation and handling of gopher tortoises and indigo snakes on an as needed basis during construction. Measurement for gopher tortoise and indigo snake relocations shall be by subcontractor invoice provided by professional, licensed environmental science firm on an as needed basis submitted to the ENGINEER at time of placement.

JJ. Miscellaneous Concrete Replacement

Bid Item 6.9

The removal and replacement of sidewalks, sidewalk ramps and driveway approaches, with the thickness specified on the Plans, will be paid for at the Contract Unit Price per cubic yard. Price paid shall be payment in full for all labor, material, and equipment necessary for the removal and replacement of the sidewalk, sidewalk ramps, and driveway approaches and shall include, but is not limited to, all saw cutting, removal and disposal of unsuitable material, compacting and fine grading subgrade, furnishing, placing, and compacting backfill and subbase, construction of expansion joints, also forming, placing, jointing, finishing and curing the concrete, construction of detectable warning, providing protection against rain and cold weather, backfilling, protection of existing improvements, barricading, restoration, and for all items necessary to complete the job, whether specifically mentioned or implied. Measurement for removal and replacement of the sidewalk, sidewalk ramps and driveway approaches will be in cubic yard, field measured in place. Sidewalk ramps will be measured from back of curb to the key flag or to the end of the monolithic rolled curb whichever is less.

KK. Water Main – Open-Cut/Trenching, UNRESTRAINED

Bid Item 7.1 to 7.5

Water main, of the type, diameter and class specified, in open cut trench, will be paid for at the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing water main and shall include, but is not limited to, all specials, electronic ball markers, tracer wire, excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, temporary blow-offs, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), roadway base course,



hydrostatic testing, temporary chlorine injection points, chlorination, temporary sample collection points, locator wire "continuity testing", bacteriological testing, backfill density testing, flushing, dechlorination, final cleanup, connections to existing mains and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for water main will be in linear feet along the horizontal centerline, regardless of vertical deflection, of the pipe taken from end-to-end with no reduction for fittings and valves except for special structures, sections or connections for which either lump sum or unit prices have been taken will be deducted from the total length of water main and will be paid for at the prices bid therefor.

LL. Water Main – Open-Cut/Trenching, RESTRAINED Bid Item 7.6 to 7.10

Water main, of the type, diameter and class specified, in open cut trench, will be paid for at the Contract Unit Price per linear foot. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing, installing, and testing water main and shall include, but is not limited to, all specials and ductile iron fittings, electronic ball markers, tracer wire, polyethylene wrapping, excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, disposal of excess excavated material, temporary blow-offs, restraints, encasement, barricading, restoration, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), roadway base course, hydrostatic testing, temporary chlorine injection points, chlorination, temporary sample collection points, locator wire "continuity testing", bacteriological testing, backfill density testing, flushing, dechlorination, final cleanup, connections to existing mains and all other items necessary to complete the job, whether specifically mentioned or implied. Measurement for water main will be in linear feet along the horizontal centerline, regardless of vertical deflection, of the pipe taken from end-to-end with no reduction for fittings and valves except for special structures, sections or connections for which either lump sum or unit prices have been taken will be deducted from the total length of water main and will be paid for at the prices bid therefor.

MM. Potable Gate Valve Bid Item 7.11

Valves and valve boxes will be paid for at the Contract Unit Price per each as specified in the Bid Form. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing valve and valve box, and shall include, but is not limited to, valve box foundation, plastic debris shield, electronic ball markers, blue paint, tracer wire, steel reinforcing, valve tags, blocks, valve box sections, stone (#57), adjusting rings, box frame and cover, cement mortar plaster coat, valve box, all necessary excavation, sheeting and bracing, shoring, dewatering, connection to water main, backfilling, restraints, disposal of excess excavated material, thrust blocks, restoration, adjustments to final grade, cleanup, concrete collar in unpaved areas, and all other items necessary to complete the job, whether specifically mentioned or implied. Valves and wells will be measured as units installed.

NN. Fire Hydrant Assembly Bid Item 7.12

Fire hydrant assemblies will be paid for at the Contract Unit Price per each as specified in the Proposal. Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing fire hydrant assemblies, and shall include, but is not limited to, hydrant valves, valve boxes, miscellaneous pipe connecting hydrant to water main, fittings, all necessary excavation, sheeting and bracing, shoring, dewatering, backfilling, disposal of excess excavated material, thrust blocks, painting to OWNER'S standards, raised pavement markers, restoration, cleanup, and all other items necessary to complete the job, whether specifically mentioned or implied. Hydrants will be measured as units installed.

OO. Automatic Blow-Off/Flushing Assembly Bid Item 7.13

Automatic Blow-Off/Flushing assemblies will be paid for at the Contract Unit Price per each as specified in the Bid Form Price paid shall be payment in full for all labor, material, and equipment necessary for furnishing and installing blow-off assemblies, and shall include, but is not limited to, automatic blow-off assembly, enclosure, miscellaneous pipe connecting assembly to water main, fittings, all necessary excavation, sheeting and bracing, shoring, dewatering, backfilling, disposal of excess excavated material, restraints, painting to OWNER'S standards, raised pavement markers, testing, restoration, cleanup, and all other items necessary to complete the job, whether specifically mentioned or implied.

PP.  $\frac{3}{4}$ " Water Service - Short Side

Bid Item 7.14

Water service lines of the length and types specified, will be paid for at the Contract Unit Price per each as specified in the Proposal. Price paid shall be payment in full for all labor, material, and equipment necessary for removing existing water line services, furnishing and installing water service lines and shall include, but is not limited to, service saddle, tap, corporation stop, copper tubing, lockable curb stop, OWNER'S standard meter box, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering, laying, jointing, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), connection to new water main (including service clamps where specified); restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied. Water service lines will be measured as units installed.

OWNER will provide new meters, meter nipples, and backflow preventers.

QQ.  $\frac{3}{4}$ " Water Service - Long Side

Bid Item 7.15

Water service lines, of the length and type specified, from the new water main to the curb stop will be paid for at the Contract Unit Price per each as specified in the Proposal. Price paid shall be payment in full for all labor, material, and equipment necessary for removing existing water line services and furnishing and installing bored water service lines and shall include, but is not limited to, service saddle, tap, corporation stop, copper tubing, lockable curb stop, OWNER'S standard meter box, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering, boring, grouting, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), connection to new water main (including service clamps where specified), restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied. Water service lines bored under the pavement from new water main to the existing curb stop will be measured as units installed.

OWNER will provide new meters, meter nipples, and backflow preventers.

RR. 2" Water Service

Bid Item 7.16

Water service lines, of the length and type specified, installed under the pavement from the new water main to the existing curb stop will be paid for at the Contract Unit Price per each as specified in the Proposal. Price paid shall be payment in full for all labor, material, and equipment necessary for installing water service lines and shall include, but is not limited to, service saddle, tap, corporation stop, tubing, lockable curb stop, standard meter box, special fittings, all necessary excavation, sheeting and bracing, shoring, draining, dewatering, boring, grouting, bedding, testing, disinfecting, backfilling, disposal of excess backfill and fill material (including backfill with special materials where specified), restoration, cleanup and all other items necessary to complete the job, whether specifically mentioned or implied.



**PART 2 – PRODUCTS (NOT APPLICABLE)**

**PART 3 – EXECUTION (NOT APPLICABLE)**

**END OF SECTION**

**THIS PAGE INTENTIONALLY LEFT BLANK**







↑ ANELIA ISLAND PARKWAY ↑  
MATCHLINE 11

A PART OF  
LOTS 6, 10, 11 AND 12  
OF STAPLETON LANDS  
PARCEL "B"  
(EMPLOYEE PARKING)

1546 JULIA ST

A PART OF  
SECTION 18  
TOWNSHIP 2 NORTH  
RANGE 28 EAST  
PARCEL 5B  
(WAREHOUSE/LAUNDRY COMPLEX)

1501 LEWIS ST

1527 LEWIS ST

1519 LEWIS ST

VACANT

MATCHLINE 3

STATE ROAD #105 (A1A)  
200' R/W  
ASPHALT PAVEMENT

A PORTION OF  
SECTION 18  
TOWNSHIP 2 NORTH  
RANGE 28 EAST

BP: 10+00.00  
NORTH R/W LINE  
SOUTH R/W LINE  
ASPHALT PAVEMENT

LINCOLN ST.  
30' R/W

STEWART ST.  
30' R/W

4

Block 3

Block 10

Block 11

Topographic Survey  
MADISON COUNTY, FL  
3-22-2021  
Sheet 11 of 11

SEE SHEET 1 FOR NOTES,  
LEGEND AND DESCRIPTION

DATE  
06/01/2021  
PROJECT  
STATE ROAD #105 (A1A)  
SHEET  
11 OF 11



SOUTHEASTERN SURVEYING  
AND MAPPING CORPORATION  
8040 JENNIFER DRIVE, SUITE 5  
JACKSONVILLE, FL 32216  
(904) 727-0980  
FAX: (904) 727-0980  
E-MAIL: info@seasurvey.com  
www.seasurvey.com

NO.	REVISION	DATE
1	ISSUED FOR PERMIT	03/15/21
2	REVISED TO ADD LOT 12	03/15/21
3	REVISED TO ADD LOT 11	03/15/21
4	REVISED TO ADD LOT 10	03/15/21
5	REVISED TO ADD LOT 6	03/15/21



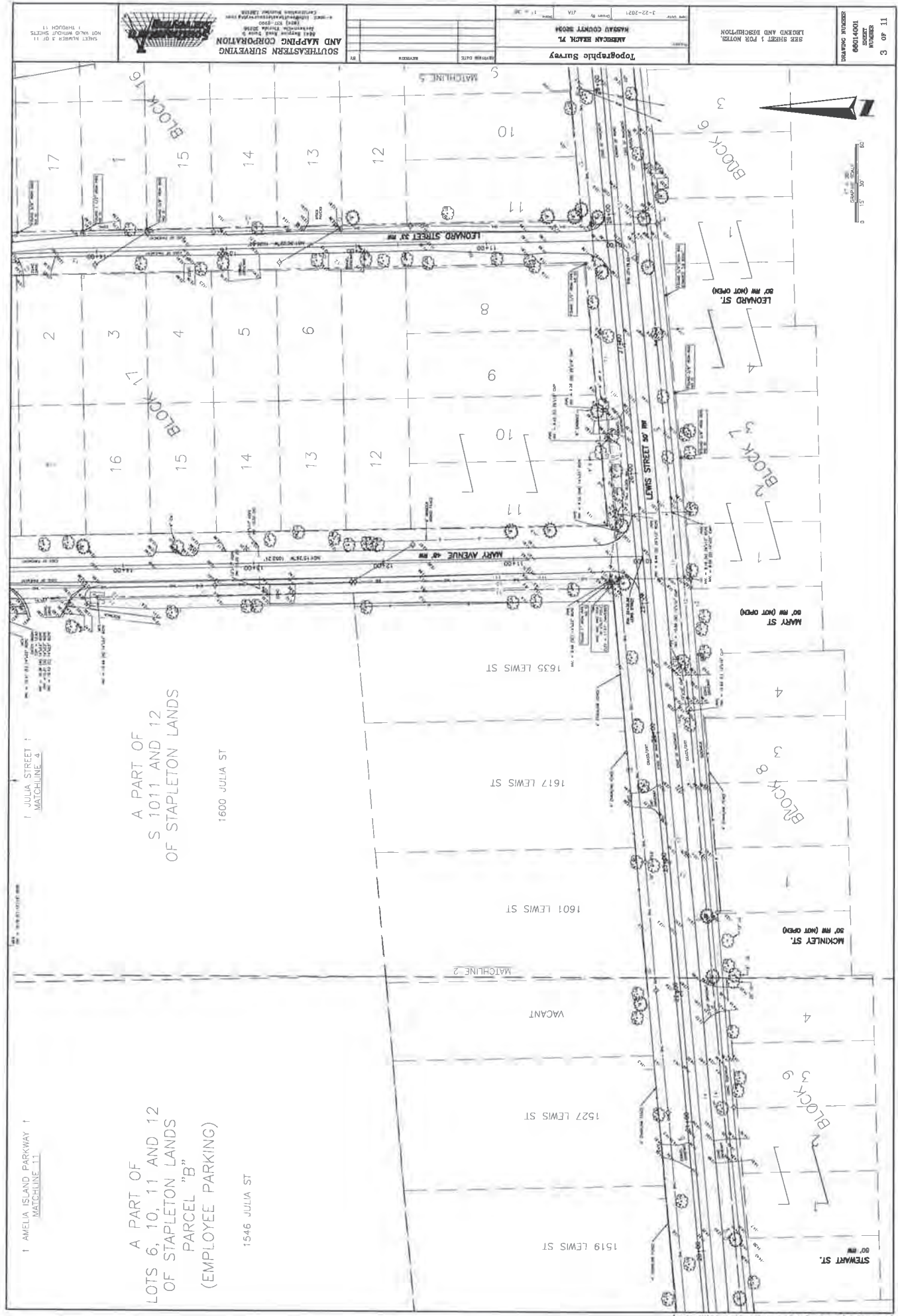
DATE: 06/01/2021  
PROJECT: 00014001  
SHEET NUMBER: 3

SEE SHEET 3 FOR NOTES,  
LEGEND AND DESCRIPTION.

Topographic Survey  
AMERICAN BEACH, FL  
HARRIS COUNTY 30034

SOUTHEASTERN SURVEYING  
AND MAPPING CORPORATION  
20000 W. 10th Street, Suite 100  
Houston, Texas 77058  
Phone: 281-460-1000  
Fax: 281-460-1001  
Email: info@semsurveying.com  
Website: www.semsurveying.com

SHEET NUMBER 3 OF 11  
NOT VALID BEYOND SHEETS  
1 THROUGH 11





A PART OF  
S 1011 AND 12  
OF STAPLETON LANDS

SEE SHEET 1 FOR NOTES,  
LEGEND AND DESCRIPTION.

Topographic Survey  
MADISON COUNTY, VA.  
MADISON COUNTY RECORD  
1" = 30'

SOUTHEASTERN SURVEYING  
AND MAPPING CORPORATION  
1001 N. 10th St.  
Ft. Lauderdale, FL 33304  
Phone: (954) 571-1000  
Fax: (954) 571-1001  
E-mail: info@seasurvey.com

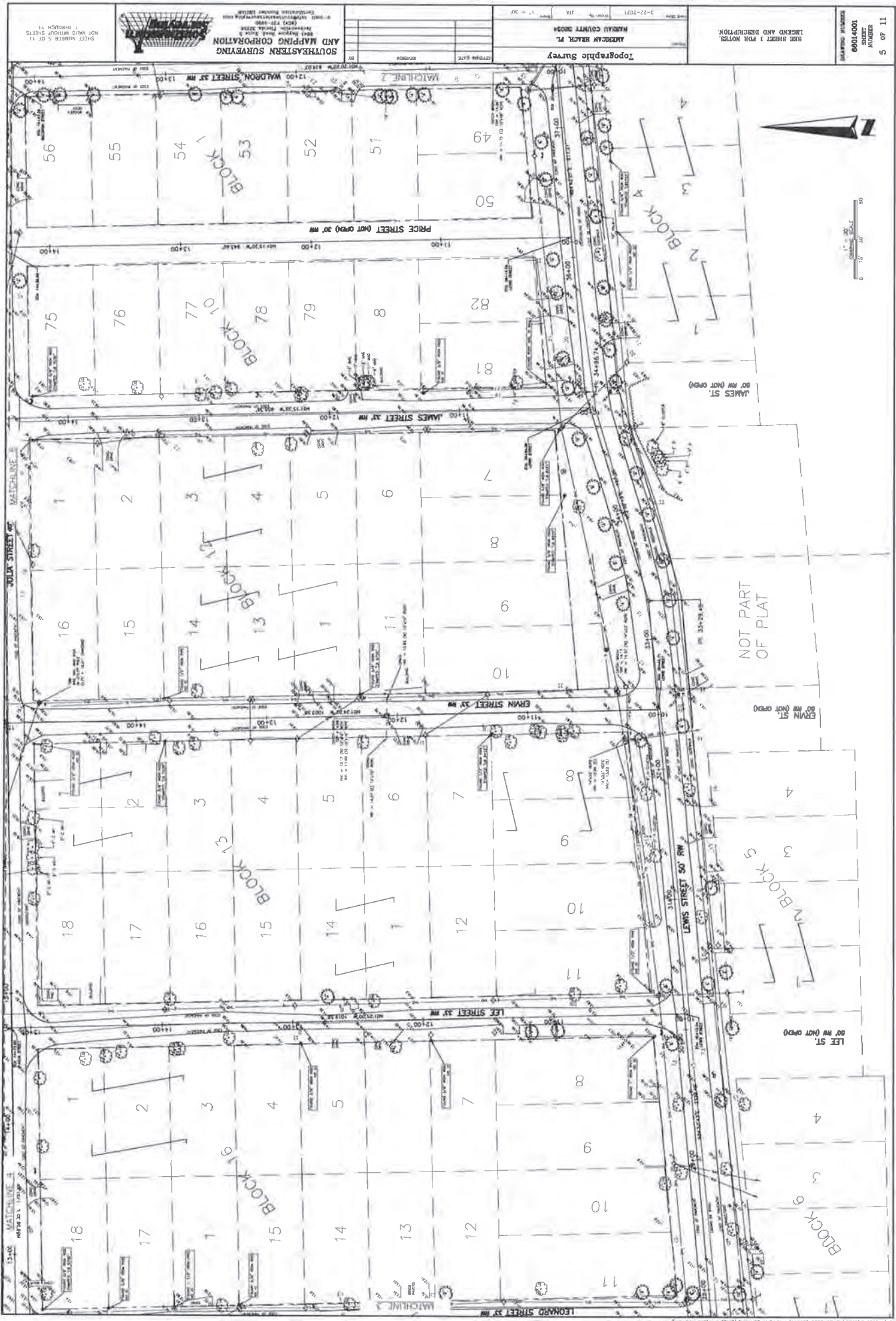
THIS MAP IS A PART OF  
A LARGER MAP OF THE  
STAPLETON LANDS



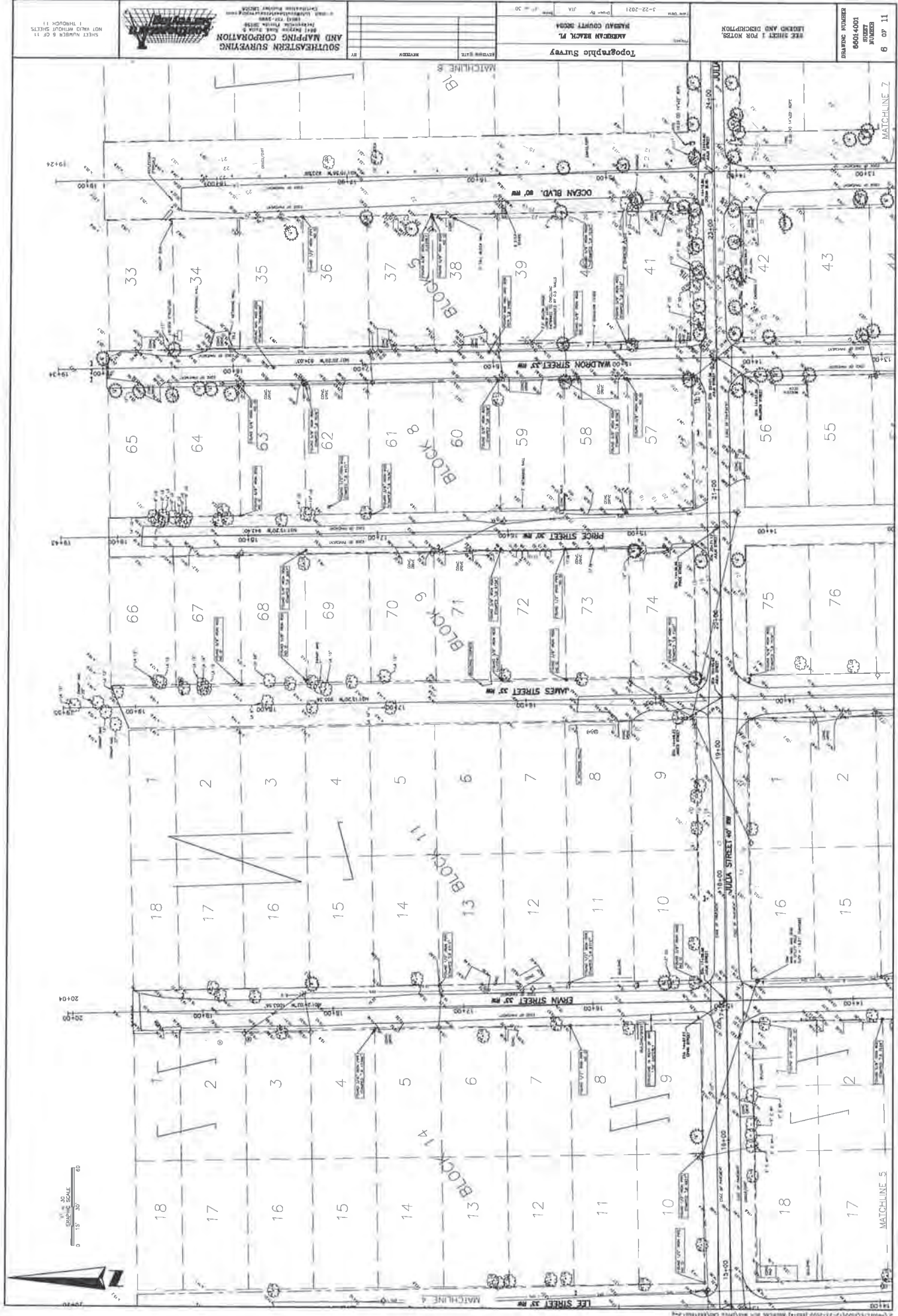
SEE SHEET 1 FOR NOTES,  
LEGEND AND DESCRIPTION.

Topographic Survey  
AMERICAN HEALING, LLC  
HARRIS COUNTY, TEXAS

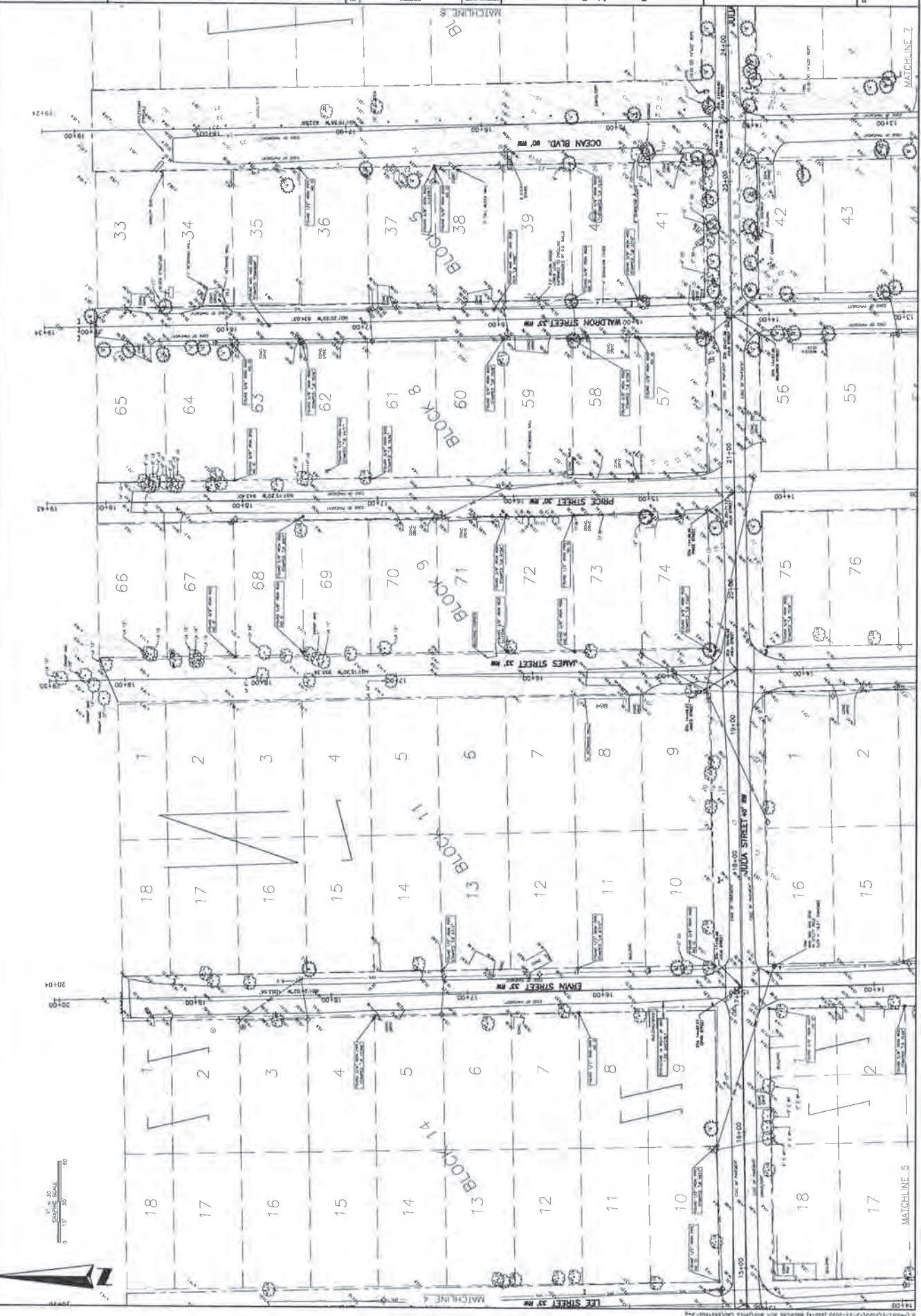
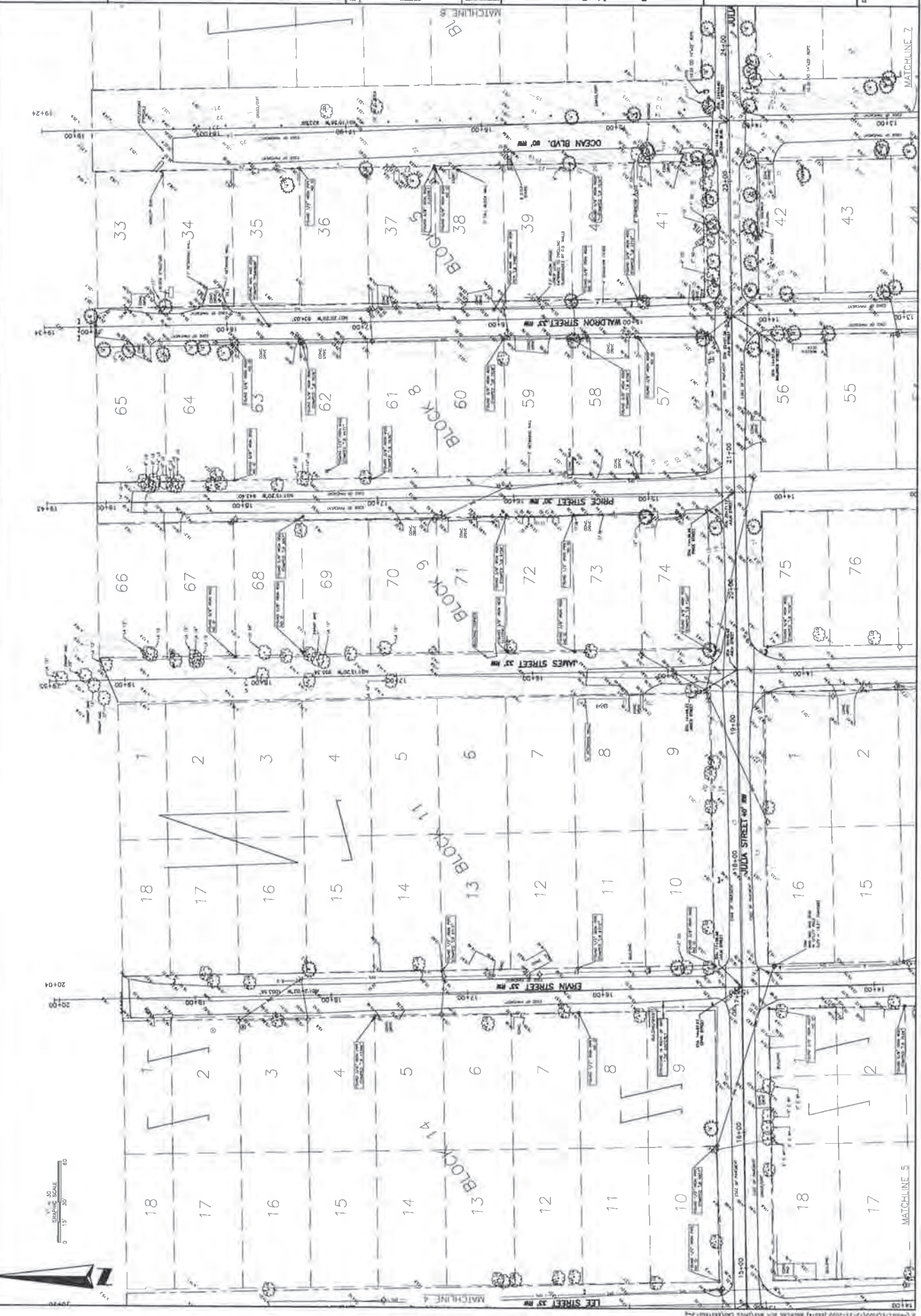
SOUTHEASTERN SURVEYING  
AND MAPPING CORPORATION  
1401 WEST 10TH STREET  
HOUSTON, TEXAS 77008  
P: 713.555.1000  
F: 713.555.1001  
E: info@semsurvey.com  
W: www.semsurvey.com



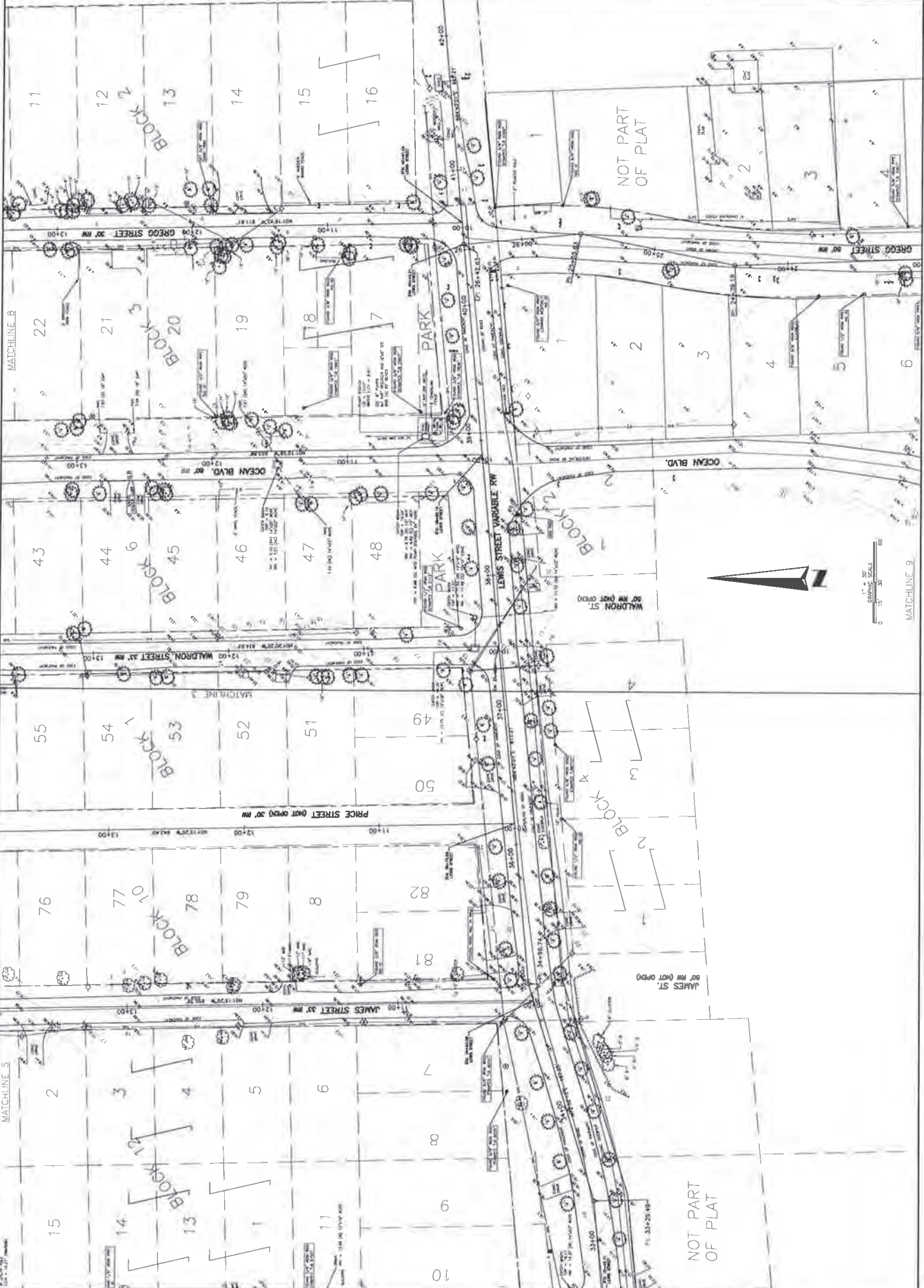




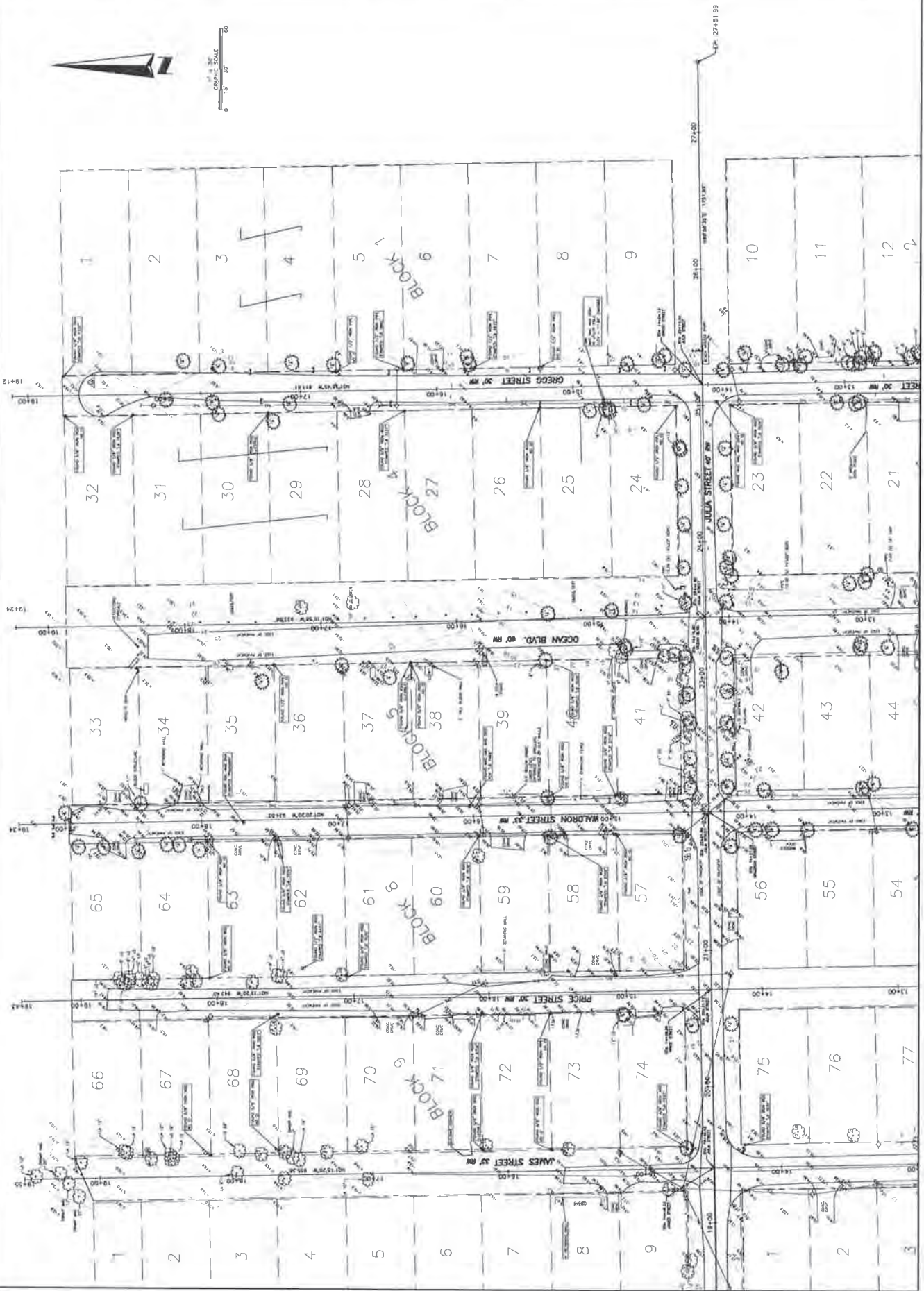
Topographic Survey  
AMERICAN BEACH, FL.  
3-22-2021  
SHEET NUMBER 6 OF 11  
MATCHLINE 4  
MATCHLINE 5  
MATCHLINE 6  
MATCHLINE 7









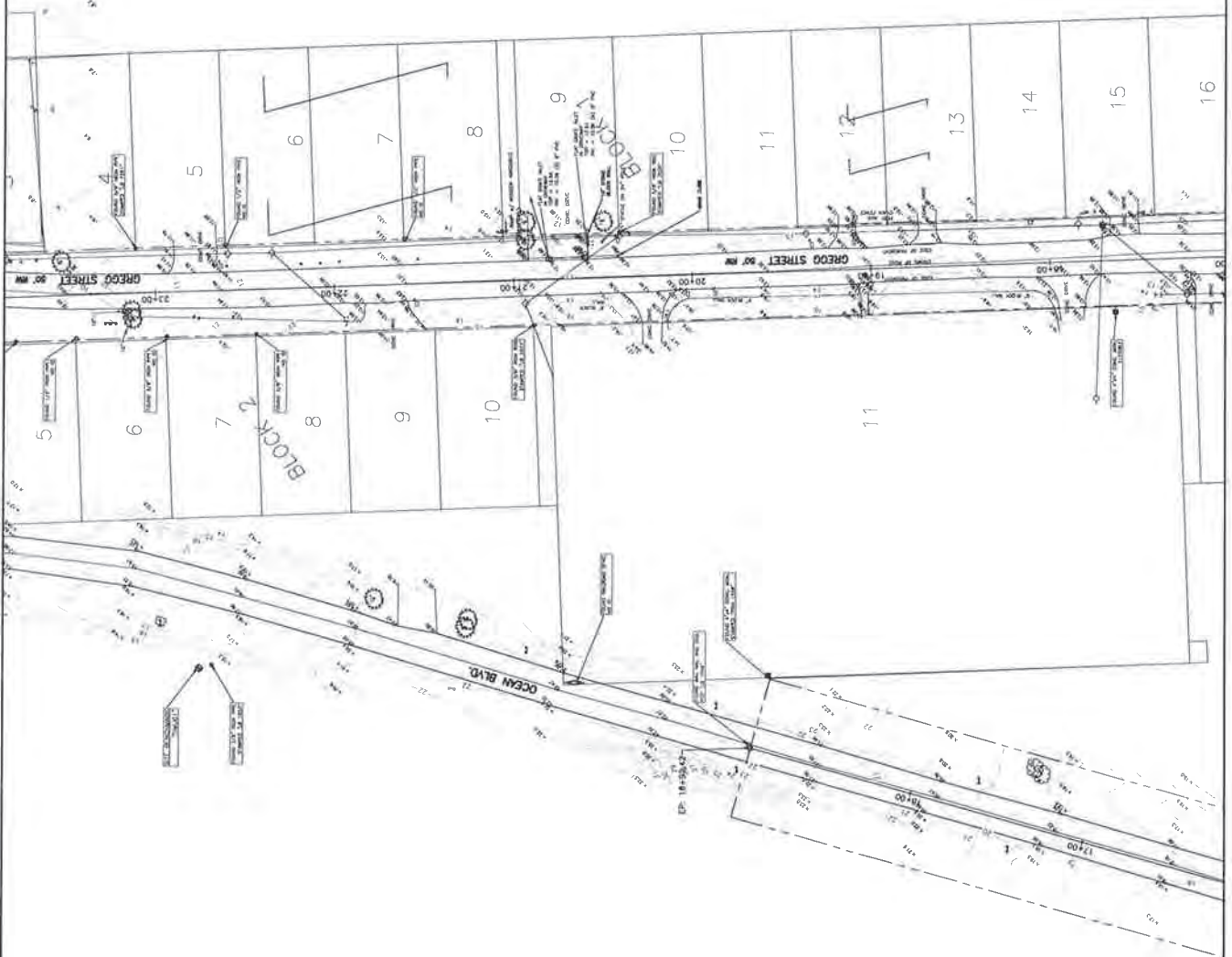






UNIT 1  
SECTION 3  
PB 3 PG 19

SECTION 'C'



SHEET NUMBER 9 OF 11  
NOT VALID WITHOUT SHEETS  
1 THROUGH 11



**SOUTHEASTERN SURVEYING  
AND MAPPING CORPORATION**  
2000 S. 10th Street, Suite 100  
Tampa, FL 33606  
Phone: (813) 241-1000  
Fax: (813) 241-1001  
www.seasmapping.com

DATE	REVISION

**Topographic Survey**  
AMERICAN BEACH, FL  
HARDEE COUNTY, FLORIDA

SEE SHEET 1 FOR NOTES  
PROJECT AND DESCRIPTION

**DRAWING NUMBER**  
66014001  
**DATE**  
11/11/11  
**9 OF 11**

SEE SHEET 1 FOR NOTES

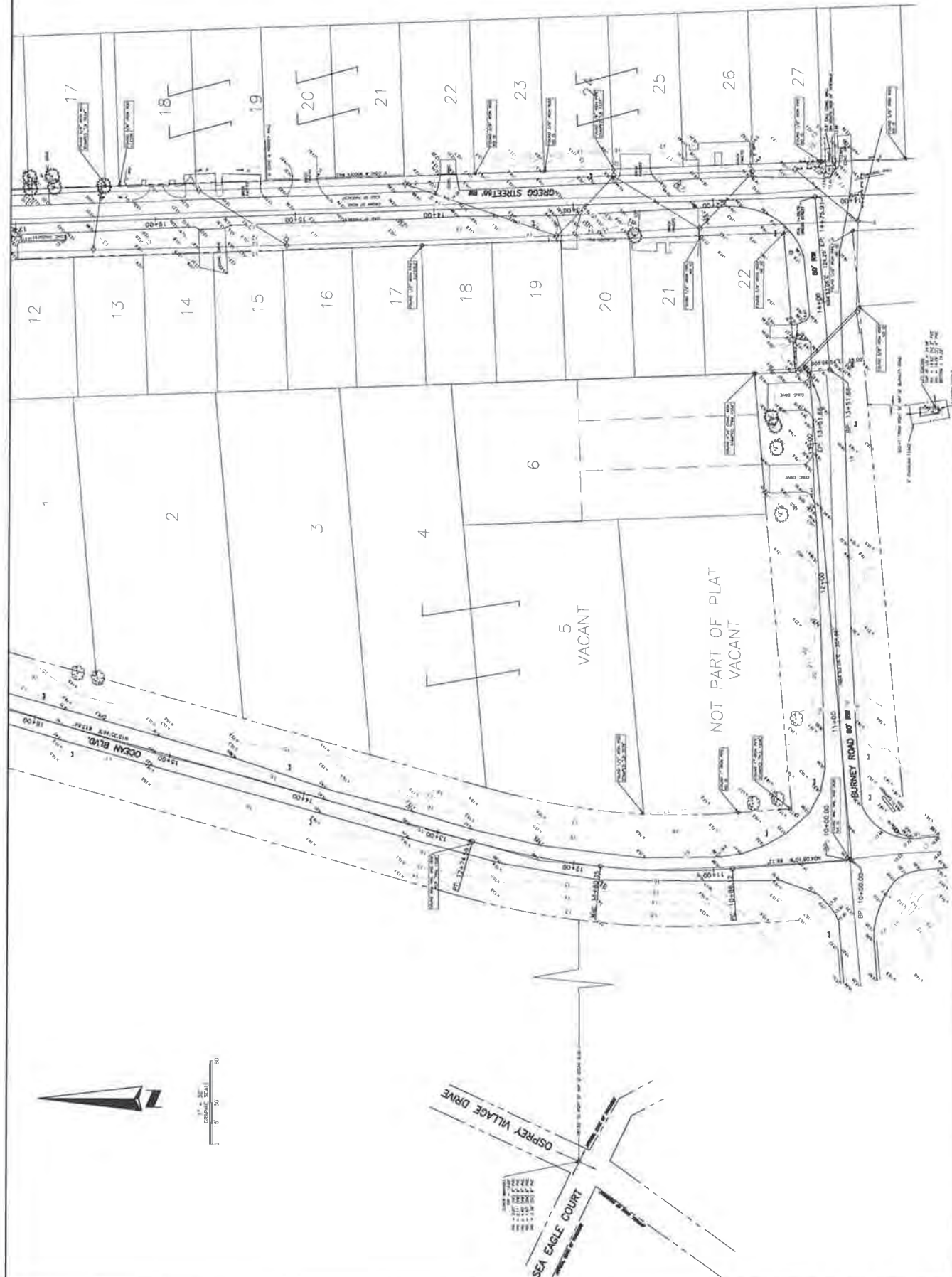
Topographic Survey

AMERICAN BEACH, FL  
HARRIS COUNTY 36084

SOUTHEASTERN SURVEYING  
AND MAPPING CORPORATION



SHEET NUMBER 10 OF 11  
NOT ALL SHEETS SHOWN





LEGEND AND DESCRIPTION

Topographic Survey

FROM ALMO COUNTY ARIZONA

FROM ALMO COUNTY ARIZONA

On

On

On

On

On

On

SOUTHEASTERN SURVEYING  
AND MAPPING CORPORATION