

**INVITATION FOR BID  
IFB #12-1811-DS**

**ANNA MARIA WATER LINE REPLACEMENT PHASES 24 AND 25**

Manatee County, a political subdivision of the State of Florida, (hereinafter the "County") will receive sealed bids from individuals, corporations, partnerships, and other legal entities organized under the laws of the State of Florida or authorized to conduct business in the State of Florida.

**NON-MANDATORY INFORMATION CONFERENCE**

In order to insure that all prospective bidders have sufficient information and understanding of the County's needs, an Information Conference will be held on **June 21, 2012 @ 2:00 PM at the Manatee County Public Works Department, Project Management Division, (Conference Room A) located at 1022 26<sup>th</sup> Avenue East, Bradenton, FL 34208.**

Attendance is not mandatory, but is highly encouraged.

**Article B. 05, page 00020-2; Inspection of Site** – All potential Contractors, it is mandatory that a site visit be performed at each location to familiarize yourselves with the full scope of the construction site. All potential contractors are to acknowledge in Section 00300, Bid Form page 00300-1.

**A site inspection is a requirement to submit a Bid.**

**DEADLINE FOR CLARIFICATION REQUESTS: July 10, 2012 at 3:00 PM**  
(Reference Bid Article A.06)

**TIME AND DATE DUE: July 19, 2012 at 2:00 pm**  
Manatee County Purchasing, 1112 Manatee Avenue West, Bradenton, FL 34205

**Important Note:** Lobbying is prohibited (reference Bid Article A.08)

**FOR INFORMATION CONTACT:**

**Donna M. Stevens (941) 749-3045**  
[donna.stevens@mymanatee.org](mailto:donna.stevens@mymanatee.org)

AUTHORIZED FOR RELEASE: *DM*

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SECTION 00010  
**INFORMATION TO BIDDERS**

**A.01 OPENING LOCATION**

These bids will be **publicly opened** at **Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205** in the presence of County officials at the time and date stated, or soon thereafter. All bidders or their representatives are invited to be present.

Any bids received after the stated time and date will not be considered. It shall be the sole responsibility of the bidder to have their bid **delivered to the Manatee County Purchasing Division** for receipt on or before the stated time and date. If a bid is sent by **U.S. Mail**, the bidder shall be responsible for its timely delivery to the Purchasing Division. Bids delayed by mail shall not be considered, shall not be opened at the public opening, and arrangements shall be made for their return at the respondent's request and expense.

**A.02 SEALED & MARKED**

**One original and two copies** of your **signed bid** shall be submitted in one **sealed package**, clearly marked on the outside **"Sealed Bid #12-1811-DS, Anna Maria Water Line Replacement Phases 24 and 25"** with your company name.

**Address package to:** Manatee County Purchasing Division  
1112 Manatee Avenue West, Suite 803  
Bradenton, Florida 34205

**A.03 SECURING OF DOCUMENTS**

Complete individual copies of the bidding documents for the project and/or products can be obtained free of charge at the Manatee County Public Works Department located at: 1022 26<sup>th</sup> Avenue East, Bradenton, FL 34208; or by calling the phone number **941-708-7450 extension 7327 or 7334**. Documents may be obtained between the hours of 8:00 AM to 4:00 PM Monday through Friday with exception of holidays. Complete set of the bidding document must be used in preparing bids. The County assumes no responsibility for errors and misinterpretations resulting from the use of incomplete sets of bidding documents.

**A.04 BID DOCUMENTS**

**Bids** on <http://www.mymanatee.org>, Bid documents and the Notices of Source Selection related to those Bids are available for download in a portable document format (.PDF) file on the Manatee County web page on the Purchasing tab under "Bids." You may view and print these files using Adobe Acrobat software. You may download a free copy of this software (Adobe) from the County's web page if you do not have it.

A.04 BID DOCUMENTS (continued)

**Manatee County collaborates with the Manatee Chamber of Commerce** on distributing solicitations using the RFP Tool web page on the Chambers website: <http://www.Manateechamber.com> to post Bid documents in a portable document format (.PDF) file. This step is in addition to the posting on Manatee County Government web pages.

Manatee County may also use an internet service provider to distribute Bids. A link to that service, <http://www.DemandStar.com>, is provided on this website under the Tab "DemandStar". Participation in the DemandStar system is not a requirement for doing business with Manatee County.

Note: The County posts the Notice of Source Selection seven (7) calendar days prior to the effective date of the award.

IT IS THE RESPONSIBILITY OF EACH VENDOR, PRIOR TO SUBMITTING THEIR BID, TO CONTACT THE MANATEE COUNTY PURCHASING DIVISION (see contact information on page one of this document) TO DETERMINE IF ADDENDA WERE ISSUED AND TO MAKE SUCH ADDENDA A PART OF THEIR BID .

A.05 MODIFICATION OF BID SPECIFICATIONS

If a bidder wishes to recommend changes to the bid specifications, the bidder shall furnish in writing, data and information necessary to aid the County in evaluating the request to modify the specifications. The County is not obligated to make any changes to the bid specifications. Unless an addendum is issued, the bid specifications shall remain unaltered. **Bidders must fully comply with the bid specifications, terms, and conditions.**

A.06 DEADLINE FOR CLARIFICATION REQUESTS

**July 10, 2012 at 3:00 PM** shall be the deadline to submit all inquiries, suggestions, or requests concerning interpretation, clarification or additional information pertaining to the Invitation for Bids to the Manatee County Purchasing Division.

This deadline has been established to maintain fair treatment for all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

A.07 CLARIFICATION & ADDENDA

Each bidder shall examine all Invitation For Bid documents and shall judge all matters relating to the adequacy and accuracy of such documents. Any inquiries, suggestions or requests concerning interpretation, clarification or additional information pertaining to the Invitation for Bids shall be made through the Manatee County Purchasing Division. The County shall not be responsible for oral interpretations given by any County employee, representative, or others. The issuance of a written addendum is the only official method whereby interpretation, clarification or additional information can be given.

A.07 CLARIFICATION & ADDENDA (continued)

If any addenda are issued to this Invitation for Bid, the County will broadcast the addenda on the Demand Star distribution system to “Planholders” on this web service, and post the documents on the Purchasing Division’s web page at <http://www.mymanatee.org> which can be accessed by clicking on the “Purchasing” button and then clicking on the “Bids” button. It shall be the responsibility of each bidder, prior to submitting their bid, to contact Manatee County Purchasing (see contact on page 1) to determine if addenda were issued and to make such addenda a part of their bid.

A.08 LOBBYING

After the issuance of any Invitation For Bid, prospective bidders, or any agent, representative or person acting at the request of such bidder shall not contact, communicate with or discuss any matter relating in any way to the Invitation For Bid with any officer, agent or employee of Manatee County other than the Purchasing Official or as directed in the Invitation For Bid. This prohibition begins with the issuance of any Invitation For Bid, and ends upon execution of the final Contract or when the invitation has been canceled. Violators of this prohibition shall be subject to sanctions as provided in the Manatee County Purchasing Code.

The County reserves the right to amend or to add to the names listed as persons to contact. All amendments or additions to the names listed as persons to contact shall be issued by the Purchasing Division, in writing.

A.09 UNBALANCED BIDDING PROHIBITED

Manatee County recognizes that large and/or complex projects will often result in a variety of methods, sources and prices. However, where in the opinion of the County such variation does not appear to be justified, given bid specifications and industry and market conditions, the bid will be presumed to be unbalanced. Examples of unbalanced bids will include:

1. Bids showing omissions, alterations of form, additions not specified or required conditional or unauthorized alternate bids.
2. Bids quoting prices that substantially deviate, either higher or lower, from those included in the bids of competitive bidders for the same line item unit costs.
3. Bids where the unit costs offered are in excess of or below reasonable cost analysis values.

In the event the County determines that a bid is presumed unbalanced, it will request the opportunity to, and reserves the right to, review all source quotes, bids, price lists, letters of intent, etc., which the bidder obtained and upon which the bidder relied upon to develop the bid. The County reserves the right to reject as non-responsive any presumptive unbalanced bids where the bidder is unable to demonstrate the validity and/or necessity of the unbalanced unit costs.

#### A.10 FRONT END LOADING OF BID PRICING PROHIBITED

Prices offered for performance and/or acquisition activities that occur early in the project schedule such as mobilization, clearing and grubbing; or maintenance of traffic that are substantially higher than pricing of competitive bidders within the same portion of the project schedule, will be presumed to be front end loaded. Front end loaded bids could reasonably appear to be an attempt to obtain unjustified early payments creating a risk of insufficient incentive for the Contractor to complete the work or otherwise creating an appearance of an under-capitalized bidder.

In the event the County determines that a bid is presumed to be front end loaded, it will request the opportunity to, and reserves the right to, review all source quotes, bids, price lists, letters of intent, etc., which the bidder obtained and upon which the bidder relied upon to develop the pricing or acquisition timing for these bid items. The County reserves the right to reject as non-responsive any presumptive front end loaded bids where the bidder is unable to demonstrate the validity and/or necessity of the front end loaded costs.

#### A.11 WITHDRAWAL OF OFFERS

Vendors may withdraw offers as follows: a) Mistakes discovered before the opening of a solicitation may be withdrawn by written notice from the bidder submitting the offer. This request must be received in the office designated for receipt of offers in the solicitation document prior to the time set for delivery and opening of the offers. A copy of the request shall be retained and the unopened offer returned to that vendor. b) After the responses to a solicitation are opened or a selection has been determined, but before a Contract is signed, a vendor alleging a material mistake of fact may be permitted to withdraw their offer if the mistake is clearly evident on the solicitation document or the bidder submits evidence which clearly and convincingly demonstrates that a mistake was made. Request to withdraw an offer must be in writing and approved by the Purchasing Official.

#### A.12 IRREVOCABLE OFFER

Any bid may be withdrawn up until the date and time set for opening of the bid. Any bid not so withdrawn shall, upon opening, constitute an irrevocable offer for a period of ninety (90) days to sell to Manatee County the goods or services set forth in the attached specifications until one or more of the bids have been duly accepted by the County.

#### A.13 BID EXPENSES

All expenses for making bids to the County are to be borne by the bidder.

#### A.14 RESERVED RIGHTS

The County reserves the right to accept or reject any and/or all bids, to waive irregularities and technicalities and to request resubmission. Also, the County reserves the right to accept all or any part of the bid and to increase or decrease quantities to meet additional or reduced requirements of the County. Any sole response received by the first submission date may or may not be rejected by the County depending on available competition and current needs of the County. For all items combined, the bid of the lowest responsive, responsible bidder will be accepted, unless all bids are rejected. The lowest responsive bidder shall mean **that bidder who makes the lowest bid to sell goods and/or services of a quality which** conforms closest to or most exceeds the quality of goods and/or services set forth in the attached specifications or otherwise required by the County, and who is fit and capable to perform the bid as made.

To be responsive, a bidder shall submit a bid which conforms in all material respects to the requirements set forth in the Invitation For Bid. To be a responsible bidder, the bidder shall have the capability in all respects to perform fully the Contract requirements, and the tenacity, perseverance, experience, integrity, reliability, capacity, facilities, equipment, and credit which will assure good faith performance. Also, the County reserves the right to make such investigation as it deems necessary to determine the ability of any bidder to furnish the service requested. Information the County deems necessary to make this determination shall be provided by the bidder. Such information may include, but shall not be limited to current financial statements, verification of availability of equipment and personnel, and past performance records.

#### A.15 APPLICABLE LAWS

Bidder must be authorized to transact business in the State of Florida. All applicable laws and regulations of the State of Florida and ordinances and regulations of Manatee County will apply to any resulting agreement. Any involvement with any Manatee County procurement shall be in accordance with Manatee County Purchasing Code of Laws as amended. Any actual or prospective bidder who is aggrieved in connection with the solicitation or award of a Contract may protest to the Board of County Commissioners of Manatee County as required in Manatee County Code of Laws.

A protest with respect to this Invitation For Bid shall be submitted in writing prior to the scheduled opening date of this bid, unless the aggrieved person did not know and could not have been reasonably expected to have knowledge of the facts giving rise to such protest prior to the scheduled opening date of this bid. The protest shall be submitted within seven (7) calendar days after such aggrieved person knows or could have reasonably been expected to know of the facts giving rise thereto.

#### A.16 COLLUSION

By offering a submission to this Invitation For Bid, the bidder certifies that he has not divulged, discussed or compared their bid with any other bidder, and has not colluded with any other bidder or parties to this bid whatsoever. Also, bidder certifies, and in the case of a joint bid each party thereto certifies as to their own organization, that in connection with this bid:

A.16 COLLUSION (continued)

- a. any prices and/or cost data submitted have been arrived at independently, without consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices and/or cost data, with any other bidder or with any competitor;
- b. any prices and/or cost data quoted for this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder, prior to the scheduled opening, directly or indirectly to any other bidder or to any competitor;
- c. no attempt has been made or will be made by the bidder to induce any other person or firm to submit or not to submit a bid for the purpose of restricting competition;
- d. the only person or persons interested in this bid, principal or principals is/are named therein and that no person other than therein mentioned has any interest in this bid or in the Contract to be entered into; and
- e. no person or agency has been employed or retained to solicit or secure this Contract upon an agreement or understanding or a commission, percentage, brokerage, or contingent fee excepting bona fide employees or established commercial agencies maintained by bidder for purpose of doing business.

A.17 CODE OF ETHICS

With respect to this bid, if any Bidder violates, directly or indirectly, the ethics provisions of the Manatee County Purchasing Code and/or Florida criminal or civil laws related to public procurement, including but not limited to Florida Statutes Chapter 112, Part II, Code of Ethics for Public Officers and Employees, such Bidder will be disqualified from eligibility to perform the work described in this Request for Bid, and may also be disqualified from furnishing future goods or services to, and from submitting any future bids or bids to supply goods or services to, Manatee County.

By submitting a bid, the Bidder represents to the County that all statements made and materials submitted are truthful, with no relevant facts withheld. If a Bidder is determined to have been untruthful in its bid or any related presentation, such Bidder will be disqualified from eligibility to perform the work described in this Request for Bid, and may also be disqualified from furnishing future goods or services to, and from submitting any future bids to supply goods or services to, Manatee County.

A.18 BID FORMS

Bids must be submitted on attached County forms, although additional pages may be attached. **Bidders must fully complete all pages of the Bid Forms. Bid Forms must be executed by an authorized signatory who has the legal authority to make the offer and bind the company. Bidders must fully comply with all bid specifications, terms and conditions.** Failure to comply shall result in Contract default, whereupon, the defaulting vendor shall be required to pay for any and all re-procurement costs, damages, and attorney fees as incurred by the County.



**A.19 LEGAL NAME**

Bids shall clearly indicate the legal name, address and telephone number of the bidder. Bids shall be signed above the typed or printed name and title of the signer. The signer must have the authority to bind the bidder to the submitted bid.

**A.20 PUBLIC CONTRACTING AND ENVIRONMENTAL CRIMES**

A person or affiliate who has been placed on the State's convicted vendor list following a conviction for a public entity crime, as that term is defined in Florida Statute § 287.133, may not submit a bid, proposal, or reply on a Contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a Contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals or replies on leases of real property to a public entity; may not be awarded or perform work as a Contractor, supplier, subcontractor, or consultant under a Contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Florida Statute § 287.017 for CATEGORY TWO for a period of thirty-six (36) months following the date of being placed on the convicted list.

In addition, the Manatee County Code prohibits the award of any Contract to any person or entity who/which has, within the past 5 years, been convicted of, or admitted to in court or sworn to under oath, a public entity crime or of any environmental law that, in the reasonable opinion of the purchasing official, establishes reasonable grounds to believe the person or business entity will not conduct business in a responsible matter. To insure compliance with the foregoing, the Code requires all persons or entities desiring to Contract with the County to execute and file with the purchasing official an affidavit, executed under the pain and penalties of perjury, confirming that person, entity and any person(s) affiliated with the entity, does not have such a record and is therefore eligible to seek and be awarded business with the County. In the case of a business entity other than a partnership or a corporation, such affidavit shall be executed by an authorized agent of the entity. In the case of a partnership, such affidavit shall be executed by the general partner(s). A Public Contracting and Environmental Crimes Certification are attached for this purpose.

**A.21 DISCOUNTS**

Any and all discounts must be incorporated in the prices contained in the bid and not shown separately. The prices as shown on the bid form shall be the price used in determining award.

**A.22 TAXES**

Manatee County is exempt from Federal Excise and State Sales Taxes. (F.E.T. Exempt Cert. No. 59-78-0089K; FL Sales Tax Exempt Cert. No. 85-8012622206C-6); therefore, the vendor is prohibited from delineating a separate line item in his bid for any sales or service taxes. Nothing herein shall affect the vendor's normal tax liability.

**A.23 DESCRIPTIVE INFORMATION**

Unless otherwise specifically provided in the specifications, all equipment, materials and articles incorporated in the work covered by this Contract shall be new and of the most suitable grade for the purpose intended. Unless otherwise specifically provided in the specifications, reference to any equipment, material, article or patented process, by trade name, brand name, make or catalog number, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition.

**A.24 AMERICANS WITH DISABILITIES ACT**

The Board of County Commissioners of Manatee County, Florida, does not discriminate upon the basis of any individual's disability status. This non-discrimination policy involves every aspect of the County's functions including one's access to, participation, employment, or treatment in its programs or activities. Anyone requiring reasonable accommodation for an **Information Conference** or **Bid Opening** should contact the person named on the first page of this bid document at least twenty-four (24) hours in advance of either activity.

**A.25 EQUAL EMPLOYMENT OPPORTUNITY CLAUSE**

In accordance with the provisions of Title VI of the Civil Rights Act of 1964 and Title 15, Part 8 of the Code of Federal Regulations, Manatee County hereby notifies all prospective offerors that they will affirmatively ensure minority business enterprises will be afforded full opportunity to participate in response to this advertisement and will not be discriminated against on the grounds of race, color or national origin in consideration for an award of contract.

**A.26 MBE/WBE**

The State of Florida, **Office of Supplier Diversity** provides the certification process and the database for identifying certified MBE/WBE firms. This service may be directly accessed at: <http://www.osd.dms.state.fl.us/iframe.htm>

If you have any questions regarding this State service, please contact their office at (850) 487-0915.

**A.27 MATHEMATICAL ERRORS**

In the event of multiplication/extension error(s), the unit price shall prevail. In the event of addition error(s) the extension totals will prevail. All bids shall be reviewed mathematically and corrected, if necessary, using these standards, prior to additional evaluation.

**A.28 DISCLOSURE**

Upon receipt, all inquiries and responses to inquiries related to this Invitation For Bid becomes "Public Records", and shall be subject to public disclosure consistent with Chapter 119, Florida Statutes.

Bids become subject to disclosure 30 days after the Opening or if a notice of intended award decision is made earlier than this time as provided by Florida Statute 119.071(1) (b). No announcement or review of the offer shall be conducted at the public opening. If the County rejects all offers and concurrently notices its intent to reissue the solicitation, initial offers are exempt until the County provides notice of its intended decision, or 30 days after the opening of the new offers.

Based on the above, Manatee County will receive bids at the date and time stated, and will make public at the opening the names of the business entities of all that submitted an offer and any amount presented as a total offer without any verification of the mathematics or the completeness of the offer. Upon the expiration of the statutory term for exemption the actual documents may be inspected or copied. When County staff have completed a mathematic validation and inspected the completeness of the offers, tabulation shall be posted on [www.mymanatee.org](http://www.mymanatee.org).

**NOTE: ANY OR ALL STATEMENTS CONTAINED IN THE FOLLOWING SECTIONS: BASIS OF AWARD, TERMS AND CONDITIONS OF THE CONTRACT, OR SPECIFICATIONS, WHICH VARY FROM THE INFORMATION TO BIDDERS, SHALL HAVE PRECEDENCE.**

**END OF SECTION A**

SECTION 00020  
**BASIS OF AWARD**

**B.01 BASIS OF AWARD**

Award shall be to the responsive, responsible bidder meeting specifications and having the lowest Total Bid Price for **Bid "A"**, or the lowest Total Bid Price for **Bid "B"**, for the requirements listed on the Bid Form for the Work as set forth in this Invitation For Bid. Bid Prices shall include costs for furnishing all labor, equipment and/or materials for the completion of the Work in accordance with and in the manner set forth and described in the Contract Documents to the County's satisfaction within the prescribed time.

**Two schedules for Completion of the Work shall be considered. Each bid for completion by the specified stated time shall be offered as a separate "Total Bid Price". The County has the sole authority to select the bid based on the Completion Time which is in the best interest of the County. Only one award shall be made.**

In evaluating bids, the County shall consider the qualifications of the bidders; and if required, may also consider the qualifications of the subcontractors, suppliers, and other persons and organizations proposed. County may also consider the operating costs, maintenance requirements, performance data and guarantees of major items of materials and equipment proposed for incorporation in the Work.

Whenever two equal low, responsible, responsive bids are received, award goes to the bid of the local bidder.

**B.02 SUBCONTRACTORS**

Subcontractors shall be bound by the terms and conditions of this Contract insofar as it applies to their Work, but this shall not relieve the prime Contractor from the full responsibility of the County for the proper completion of all Work to be executed under this Contract.

The employment of unauthorized aliens by any vendor is considered a violation of Section 274 (e) of the Immigration and Employment Act. If the vendor knowingly employs unauthorized aliens, such violation shall be cause for unilateral cancellation of this agreement.

**B.03 QUALIFICATIONS OF BIDDERS**

Each bidder must possess all licenses required (in accordance with Chapter 489 Florida Statutes) for the Work which is the subject of this bid; and, upon request, shall submit a true copy of all applicable licenses. **The bidding Contractor (company supplying the bid) shall be certified in Florida as either a Certified General Contractor or an Underground Utility Contractor holding an active valid Florida license and have a minimum of five (5) years experience performing the same type of work.**

To demonstrate qualifications to perform the Work, each bidder must be prepared to submit within five (5) days of County's request, written evidence such as financial data; previous experience, present commitments and other such data as may be requested. Bidder must be able to provide evidence of Bidder's qualification to do business in the state of Florida. Each bidder shall submit as a portion of their bid, a completed Contractor's Questionnaire included as Section 00430.

A complete list of all subcontractors proposed for any portion of the Work may be requested of any Bidder deemed necessary by the County. Subcontracts shall be awarded only to those subcontractors considered satisfactory by the County.

**B.04 PREPARATION OF CONTRACT**

A written notice confirming award or recommendation thereof will be forwarded to the successful Bidder accompanied by the required number of unsigned counterparts of the Agreement. Within ten (10) days thereafter, successful Bidder shall sign and deliver the required number of counterparts of the Agreement with any other required documents to County. (Note: Contract must be approved in accordance with the Manatee County Code of Laws, Chapter 2-26, Manatee County Purchasing Ordinance and the Standard and Procedures approved by the County Administrator).

**B.05 INSPECTION OF SITE**

Inspection of the site is a requirement to be considered for award of this Contract. Prior to submitting a Bid Form, each bidder shall examine the site and all conditions thereon fully familiarizing themselves with the full scope of the project. Failure to become familiar with site conditions will in no way relieve the successful bidder from the necessity of furnishing any materials or performing any work that is required to complete the project in accordance with the plans and specifications. Site visit (s) shall be acknowledged in Section 00300, Bid Form page # 00300-1.

**END OF SECTION B**

SECTION 00030  
**GENERAL TERMS AND CONDITIONS OF THE CONTRACT**

**C.01 CONTRACT FORMS**

The agreement resulting from the acceptance of a bid shall be in the form of the agreement stated in this bid.

**C.02 ASSIGNMENT OF CONTRACT**

Contractor shall not assign, transfer, convey, sublet or otherwise dispose of this Contract or of his right, title, or interest therein, or his power to execute such Contract, or to assign any monies due or to become due thereunder to any other person, firm or corporation unless first obtaining the written consent of the County. The giving of such consent to a particular subcontractor assignment shall not dispense with the necessity of such consent to any further or other assignment.

**C.03 COMPLETION OF WORK**

The Work will be completed and ready for final inspection within the specified calendar days from the date the Contract Time commences to run. Two bids shall be considered based on **Bid "A" 260 calendar days** and **Bid "B" based on 200 calendar days**. The County has the sole authority to select the bid based on the Completion Time which is in the best interest of the County. Only one award shall be made.

**C.04 LIQUIDATED DAMAGES**

If the Contractor refuses or fails to prosecute the Work, or any separable part thereof, with such diligence as will hinder its completion within the time specified, the County may seek damages. The actual damages for delay will be impossible to determine and in lieu thereof, the Contractor shall pay to the County the sum of **Five Hundred sixty six dollars (\$566.00)** as fixed, agreed, and liquidated damages for each calendar day of the delay until the Work is finally accepted by the County and the Contractor and his Surety shall be liable for the amount thereof.

**C.05 PAYMENT**

Contractor may apply for partial payment on monthly estimates, based on the amount of Work done or completed in compliance with the provisions of the Contract. Contractor shall submit an application, on a standard pay application form provided or approved by the County, of an approximate estimate of the proportionate value of the Work done, items and locations of the Work performed up to and including the last day of the period then ending. The County will then review said estimate and make any necessary revisions so that the estimate can receive approval for payment. If the Contractor and the County do not agree on the approximate estimate of the proportionate value of the Work done for any pay period, the determination of the County will be binding. The amount of said estimate after deducting any required retainage and all previous payments shall be due and payable to the Contractor, twenty (20) business days if County is its own Engineer of Record (EOR) or twenty-five (25) business days if outside agent approval is required after the pay estimate has been approved by the agent for the County.

**C.05 PAYMENT (continued)**

In accordance with the Prompt Payment Act, Section 218.735 (7), Florida Statutes, a punch list shall be formulated.

Time allowed for development of punch list:

1. Awarded Contracts with an estimated cost of less than \$10 million will be within thirty (30) calendar days after reaching substantial completion. Substantial completion is defined as reaching beneficial occupancy or use.
2. Awarded Contracts with a cost of \$10 million dollars or more will be within thirty (30) calendar days OR if extended by Contract: up to sixty (60) calendar days after reaching substantial completion. Substantial completion is defined as reaching beneficial occupancy or use.

The final Contract completion date must be at least thirty (30) days after delivery of the list of items. If the list is not provided to the awarded Contractor by the agreed upon date, the Contract completion time must be extended by the number of days the County exceeds the delivery date.

It is the Contractor's responsibility for care of the materials. Any damage to or loss of said materials is the full responsibility of the Contractor. Any Periodical Pay Estimate signed by the Contractor shall be final as to the Contractor for any or all Work covered by the Periodical Pay Estimate.

Any requests for payment of materials stored on site must be accompanied with a paid receipt. The Contractor warrants and guarantees that title to all work, materials and equipment covered by any application for payment, whether incorporated in the project or not, will pass to the County at the time of payment free and clear of all liens, claims, security interests and encumbrances (hereafter referred to as "Liens").

The Contractor agrees to furnish an affidavit stating that all laborers, material men, and subcontractors have been paid on the project for Work covered by the application for payment and that a partial or complete release of lien, as may be necessary, be properly executed by the material men, laborers, subcontractors on the project for Work covered by the application for payment, sufficient to secure the County from any claim whatsoever arising out of the aforesaid Work.

When the Contractor has completed the Work in compliance with the terms of the Contract Documents, he shall notify the County in writing that the project is ready for final inspection. The County will then advise the Contractor as to the arrangements for final inspection and what Work, if any, is required to prepare the project or a portion thereof for final inspection. When the County determines the project or portion thereof is ready for final inspection, the County shall perform same. Upon completion of final inspection, the County will notify Contractor of all particulars in which this inspection reveals that the Work is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies. When all such errors have been corrected, a final re-inspection will be made. The process will be repeated until, in the opinion of the County, the project has been completed in compliance with the terms of the Contract Documents.

**C.05 PAYMENT (continued)**

When final acceptance has been made by the County, the County will make final payment of the Contract amount, plus all approved additions, less approved deductions and previous payments made. The Contract will be considered complete when all work has been finished, the final inspection made, approved as-builts received, and the project finally accepted in writing by the County. The Contractor's responsibility shall then terminate except as otherwise stated.

**C.06 RETAINAGE**

A retainage of 10% of the total work in place shall be withheld until 50% complete. After 50% completion, the retainage shall be reduced to 5% of the total work in place until final completion and acceptance of the work by the County. Upon final acceptance, the remaining retainage shall be included in the final payment.

**C.07 WARRANTY AND GUARANTEE PROVISIONS**

All work, materials, and equipment furnished as defined herein shall be guaranteed and warranted by the Contractor for a minimum period of three (3) years, unless otherwise specified, from final acceptance by the County to be free from defects due either to faulty materials or equipment or faulty workmanship.

All materials, equipment, and workmanship furnished and installed by the Contractor is warranted and guaranteed by the Contractor to meet the required standards and to accomplish the purposes and functions required standards and to accomplish the purposes and functions of the project as defined, detailed, and specified herein.

The County shall, following discovery thereof, promptly give written notice to the Contractor of faulty materials, equipment, or workmanship within the period of the guarantee and the Contractor shall promptly replace any part of the faulty equipment, material, or workmanship at his own cost. These warranty and guarantee provisions create no limitations on the County as to any claims or actions for breach of guaranty or breach of warranty that the County might have against parties other than the Contractor, and do not constitute exclusive remedies of the County against the Contractor.

**C.08 ROYALTIES AND PATENTS**

The Contractor shall pay all royalties and license fees for equipment or processes in conjunction with the equipment and/or services being furnished. Contractor shall defend all suits or claims for infringement of any patent, trademark or copyright, and shall save the County harmless from loss on account thereof, including costs and attorney's fees.



**C.09 AUTHORIZED PRODUCT REPRESENTATION**

The Contractor, by virtue of submitting the name and specifications of a manufacturer's product, will be required to furnish the named manufacturer's product. Failure to perform accordingly may, in the County's sole discretion, be deemed a breach of Contract, and shall constitute grounds for the County's immediate termination of the Contract.

**C.10 REGULATIONS**

It shall be the responsibility of the Bidder to assure compliance with any OSHA, EPA and/or other federal or state of Florida rules, regulations or other requirements as each may apply.

**C.11 CANCELLATION**

Any failure of the Contractor to furnish or perform the Work (including, but not limited to commencement of the Work, failure to supply sufficient skilled workers or suitable materials or equipment) in accordance with the Contract, the County may order the stop of the Work, or any portion thereof, until the cause for such order has been eliminated. If the Contractor persistently fails to perform the Work in accordance with the Contract, the County reserves the right to terminate the Contract and select the next qualified bidder or re-advertise this procurement in part or in whole. The County reserves the right to cancel all or any undelivered or unexecuted portion of this Contract with or without cause.

**C.12 INDEMNIFICATION**

The Contractor covenants and agrees to indemnify and save harmless the County, its agents and employees, from and against all claims, suits, actions, damages, causes of action, or judgments arising out of the terms of the resulting agreement for any personal injury, loss of life, or damage to the property sustained as a result of the performance or non-performance of services or delivery of goods; from and against any orders, judgments, or decrees, which may be entered against the County, its agents or employees; and from and against all costs, attorney's fees, expenses and other liabilities incurred in the defense of any such claim, suit or action, and the investigation thereof. Nothing in the award, resulting Agreement, Contract or Purchase Order shall be deemed to affect the rights, privileges and immunities of the County as set forth in Florida Statute Section 768.28.

**C.13 MANUALS, SCHEMATICS, HANDBOOKS (IF APPLICABLE)**

All manuals, schematics and handbooks shall be provided which are applicable to the equipment delivered. An operators manual, parts manual and technician manual must also be provided. Parts lists (manuals) must include OEM part numbers for items not manufactured by the bidder. Vendor shall furnish two (2) copies of each.

**C.14 INSURANCE**

The Contractor will not commence work under a Contract until all insurance under this section and such insurance coverage as might be required by the County has been obtained. The Contractor shall obtain, and submit to purchasing within ten (10) calendar days of request, at his expense, the following minimum amounts of insurance (inclusive of any amounts provided by an umbrella or excess policy):

a. Workers' Compensation/Employers' Liability

Part One - There shall be no maximum limit (other than as limited by the applicable statute) for liability imposed by Florida Workers' Compensation Act or any other coverage required by the Contract documents which are customarily insured under Part One of the standard Workers' Compensation Policy.

Part Two - The minimum amount of coverage required by the Contract documents which are customarily insured under Part Two of the standard Workers' Compensation Policy shall be:

<u>\$100,000</u>	(Each Accident)
<u>\$500,000</u>	(Disease-Policy Limit)
<u>\$100,000</u>	(Disease-Each Employee)

b. Commercial General Liability

The limits are to be applicable only to work performed under this Contract and shall be those that would be provided with the attachment of the Amendment of Limits of Insurance (Designated Project or Premises) endorsement (ISO Form CG 25 03) a Commercial General Liability Policy with the following minimum limits.

General Aggregate:

Products/Completed Operations Aggregate	<u>\$1,000,000</u>
Personal and Advertising Injury	<u>\$1,000,000</u>
Each Occurrence	<u>\$1,000,000</u>
Fire Damage (Any One Fire)	<u>\$Nil</u>
Medical Expense (Any One Person)	<u>\$Nil</u>

c. Business Auto Policy

Each Occurrence Bodily Injury and	
Property Damage Liability Combined	<u>\$ 300,000</u>
Annual Aggregate (if applicable):	<u>\$1,000,000</u>

d. County's Protective Liability Coverage

The minimum OPC Policy limits per occurrence and, if subject to an aggregate, annual aggregate to be provided by the Contractor shall be the same as the amounts shown above as the minimum per occurrence and general policy aggregate limits respectively required for the Commercial General Liability coverage. The limits afforded by the OPC Policy and any excess policies shall apply only to the County and the County's officials, officers, agents and employees and only to claims arising out of or in connection with the Work under this Contract.

**C.14 INSURANCE (continued)**e. Property Insurance

**If this Contract includes** construction of or additions to above ground buildings or structures, Contractor shall provide "**Builder's Risk**" insurance with the minimum amount of insurance to be 100% of the value of such addition(s), building(s), or structure(s).

f. Installation Floater

**If this Contract does not include** construction of or additions to above ground building or structures, **but does involve** the installation of machinery or equipment, Contractor shall provide an "**Installation Floater**" with the minimum amount of insurance to be 100% of the value of such addition(s), building(s), or structure(s).

g. Certificates of Insurance and Copies of Policies

Certificates of Insurance in triplicate evidencing the insurance coverage specified in the six above paragraphs a., b., c., d., e., and f., shall be filed with the Purchasing Official before operations are begun. The required certificates of insurance shall name the types of policy, policy number, date of expiration, amount of coverage, companies affording coverage, and also shall refer specifically to the bid number, project title and location of project. Insurance shall remain in force at least one (1) year after completion and acceptance of the project by the County, in the amounts and types as stated herein, with coverage for all products and services completed under this Contract.

**ADDITIONAL INSURED:**

**Manatee County, a political subdivision of the State of Florida, shall be specifically named as additional insured on all policies.**

If the initial insurance expires prior to the completion of operations and/or services by the Contractor, renewal certificates of insurance and required copies of policies shall be furnished by the Contractor and delivered to the Purchasing Official thirty (30) days prior to the date of their expiration. Nothing herein shall in any manner create any liability of the County in connection with any claim against the Contractor for labor, services, or materials, or of subcontractors; and nothing herein shall limit the liability of the Contractor or Contractor's sureties to the County or to any workers, suppliers, materialmen or employees in relation to this Contract.

**C.14 INSURANCE (continued)**

h. Certification Requirements – In order for the certificate of insurance to be accepted it must comply with the following:

1. The certificate holder shall be:  
**Manatee County, a political subdivision of the State of Florida  
P.O. Box 1000  
Bradenton, FL 34206-1000**
2. Certificate shall be mailed to:  
**Manatee County Purchasing Division  
1112 Manatee Avenue West, 8<sup>th</sup> Floor  
Suite 803  
Bradenton, FL 34205  
Attn: Donna M. Stevens**

**C.15 BID BOND/CERTIFIED CHECK**

By offering a submission to this Invitation For Bid, the Bidder agrees should the Bidder's bid be accepted, **to execute the form of Contract and present the same to Manatee County for approval within ten (10) days after being notified of the awarding of the Contract.** The Bidder further agrees that failure to execute and deliver said form of Contract **within ten (10) days** will result in damages to Manatee County and as guarantee of payment of same a bid bond/certified check shall be enclosed within the submitted sealed bid in the amount of five (5%) percent of the total amount of the bid. The Bidder further agrees that in case the Bidder fails to enter into a Contract, as prescribed by Manatee County, the bid bond/certified check accompanying the bid shall be forfeited to Manatee County as agreed liquidated damages. If the County enters into a Contract with a Bidder, or if the County rejects any and/or all bids, accompanying bond will be promptly returned.

**C.16 PERFORMANCE AND PAYMENT BONDS**

The successful Bidder shall furnish surety bonds as security for faithful performance of the Contract awarded as a result of this bid, and for the payment of all persons performing labor and/or furnishing material in connection therewith. Surety of such bonds shall be in an amount equal to the bid award (100% each) and from a duly authorized and nationally recognized surety company, authorized to do business in Florida, satisfactory to this County. The attorney-in-fact who signs the bonds must file with the bonds a certificate and effective dated copy of power-of-attorney. (Reference Florida Statute 255.05)

**C.16 PERFORMANCE AND PAYMENT BONDS (Continued)**

Furnishing the performance and payment bonds shall be requisite to execution of a Contract with the County. Said performance and payment bonds will remain in force for the duration of the Contract with the premiums paid by the Contractor. Failure of successful Bidder to execute such Contract and to supply the required bonds shall be just cause for annulment of the award. The County may then contract with another acceptable bidder or re-advertise this Invitation For Bid. If another bidder is accepted, and notice given within 90 days after the opening of bids, this acceptance shall bind the bidder as though they were originally the successful Bidder.

Failure of the County at any time, to require performance by the Contractor of any provisions set out in the Contract will in no way affect the right of the County, thereafter, to enforce the provisions. **Bonds are to remain in effect for one (1) year after final payment becomes due.**

**C.17 NO DAMAGES FOR DELAY**

No claim for damages or any claim other than for an extension of time shall be made or asserted against the County by reason of any delays. The Contractor shall not be entitled to an increase in the Total Contract Price or payment or compensation of any kind from the County or direct, indirect, consequential impact or other costs, expenses for damages, including but not limited to costs of acceleration or inefficiency arising because of delay, disruption, interference or hindrance from any cause whatsoever; provided; however, that this provision shall not preclude recovery or damages by the Contractor for hindrance or delays due solely to fraud, bad faith, or active interference on part of the County or its agents. Otherwise, the Contractor shall only be entitled to extensions of the Contract Time as the sole and exclusive remedy for such resulting delay, in accordance with and to the extent specifically provided above.

**C.18 NO INTEREST**

Any monies not paid by the County when claimed to be due to the Contractor under this Contract shall not be subject to interest including prejudgment interest. Any monies not paid by the County when claimed to be due to the Contractor for damages awarded in the case of construction delays shall not be subject to prejudgment interest.

C.19 CONSTRUCTION OF CONTRACT

This Contract and the rights and responsibilities hereunder shall not be construed more strongly against either party, regardless of the extent to which such party may have participated in the preparation hereof.

C.20 BE GREEN

All Vendors/Bidders/Quoters/Proposers (*as applicable*) are encouraged to use as many **environmentally preferable** "green" products, materials, supplies, etc. as possible in order to promote a safe and healthy environment. **Environmentally preferable are products or services that have a reduced adverse effect on the environment.** Provide detail of your organization's initiative and its ability to meet the goal of environmental sustainability.

**END OF SECTION C**

**SECTION 00100**  
**BID SUMMARY**

**D.01 THE WORK**

Replace Existing 2" Water Lines on Avenue C from 29<sup>th</sup> Street North to 3018 Avenue C, and 30<sup>th</sup> Street North from Gulf Drive to Avenue C.

The work included in this contract consists of the construction of various sizes of waterlines and water services by directional drilling and other methods to replace existing waterlines, including all appurtenances, traffic control, pavement repair, valves, hydrants, permits, and coordination with county staff and residents, as required by the plans and specifications. Replacement of waterlines on private properties by a licensed plumber is included and access to properties shall be arranged by the contractor. Where access to a property is denied by the property owner, such work may be deleted from the Contract by the County. The Contractor shall not have cause for any claim for additional payment against the County or the property owner due to any such deletions of work.

The Contractor shall furnish all shop drawings, working drawings, labor, materials, equipment, tools, services and incidentals necessary to complete all work required by these specifications, the current Manatee County Public Works Utility Standards, and as shown on the Contract Drawings.

The Contractor shall perform the work complete, in place and ready for continuous service and shall include any repairs, replacements, and/or restoration required as a result of damages caused prior to acceptance by the County.

The contractor shall furnish and install all materials, equipment and labor which is reasonably and properly inferable and necessary for the proper completion of the work whether specifically indicted in the Contract Documents or not.

**D.02 SUBCONTRACTORS, SUPPLIERS AND OTHERS**

The identity of subcontractors, suppliers, and other persons and organizations (including those who are to furnish the principal items of material and equipment) may be requested by the County for each bid item from any of the Bidders; and the Bidder shall respond within five days after the date of such request. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such subcontractor, supplier, persons or organization if requested by County. If County, after due investigation, has reasonable objection to any proposed subcontractor, supplier, other person or organization, County may, before the Notice of Award is given, request the apparent successful Bidder to submit an acceptable substitute without an increase in Contract Price or Contract Time.

SECTION 00100  
**BID SUMMARY**

**D.02 SUBCONTRACTORS, SUPPLIERS AND OTHERS (continued)**

If apparent successful Bidder declines to make any such substitution, County may award the Contract to the next lowest qualified Bidder that proposes to use acceptable subcontractors, suppliers, and other persons who County does not make written objection to Contractor shall not be required to employ any subcontractor, supplier, other person or organization who Contractor has reasonable objection to.

Subcontractors shall be bound by the terms and conditions of this Contract insofar as it applies to their Work, but this shall not relieve the prime Contractor from the full responsibility to the County for the proper completion of all Work to be executed under this Contract.

**D.03 BIDS**

Bids are to be submitted in **triplicate, one original and two copies**, upon the County supplied forms. All blank spaces must be filled in as noted with amounts extended and totaled and no changes shall be made in the wording of the forms or in the items mentioned therein. In the event a change is made in your submittal, the Bidder shall write its initials by the change. Any bid may be rejected which contains any omissions, alterations, irregularities of any kind, or which shall in any manner fail to conform to bid requirements.

A bid made by an individual, either in his/her own or proper person or under a trade or firm name, shall be executed under the individual's signature. If made by a partnership, the bid shall be executed by two or more of the general partners. If made by a corporation, the bid shall be executed by its President or other legally authorized corporate officer or agent.

**D.04 EXAMINATION OF CONTRACT DOCUMENTS AND SITE**

It is the responsibility of each Bidder before submitting a Bid to (a) examine the Bid Documents thoroughly; (b) visit the site to become familiar with local conditions that may affect cost, progress, performance, or furnishing of the Work; (c) consider federal, state, and local codes, laws, and regulations that may affect costs, progress, performance, or furnishing of the Work; (d) study and carefully correlate Bidder's observations with the Bid Documents; and (e) notify County of all conflicts, errors, or discrepancies in the Bid Document.

The accuracy of the existing utility locations shown on the plans is approximate and without express or implied warranty. Each Bidder may, at Bidder's own expense, make or obtain any additional examinations, investigations, explorations, tests and studies, and obtain any additional information and data which pertain to the physical conditions at or contiguous to the site or otherwise which may affect cost, progress, performance or furnishing of the Work and which



SECTION 00100  
**BID SUMMARY**

**D.04 EXAMINATION OF CONTRACT DOCUMENTS AND SITE (continued)**

Bidder deems necessary to determine his Bid for performing and furnishing the Work in accordance with the time, price and other terms and conditions of the Contract Documents. County will provide each Bidder access to the site to conduct such explorations and tests.

Bidder shall fill all holes, clean up and restore the site to its former condition upon completion of such explorations. The lands upon which the Work is to be performed, rights-of-way and easements for access thereto, and other lands designated for use by Contractor in performing the Work are identified in the Contract Documents.

All additional lands and access thereto required for temporary construction facilities or storage of materials and equipment are to be provided by Contractor. Easements for permanent structures or permanent changes in existing structures are to be obtained and paid for by County unless otherwise provided in the Contract Documents.

**D.05 MATERIALS AND WORKMANSHIP**

All materials and apparatus required for this Work, except as specifically specified otherwise, shall be new, of first class quality, and shall be furnished, delivered, connected and finished in every detail. Construction shall be prescribed by good industry practice and in accordance with manufacturer's recommendations for the type being installed.

Use skilled workman trained and experienced in the necessary trades and who are completely familiar with the specified requirements and the methods needed for proper performance of the Work of this section.

**D.06 REGULATIONS AND MATERIAL DISPOSAL**

It shall be the responsibility of the Contractor to assure compliance with any OSHA, EPA, federal, state, and/or local rules, regulations or other requirements as each may apply.

**D.07 PROJECT CLOSE-OUT**

Clean construction site and remove any and all excess materials. Correct any damages to property that may have occurred as a result of installation and/or delivery. Repair and patch all surfaces cut for installation. The Contractor shall remedy any deficiencies promptly should the County determine any work is incomplete or defective.

**SECTION 00100  
BID SUMMARY**

**D.07 PROJECT CLOSE-OUT (Continued)**

When the County determines the Work is acceptable in accordance with this Invitation for Bid, the Contractor shall provide the close out submittals, including but not necessarily limited to the following:

- 1 set Certificate of Warranties
- 1 set Manufacturer's product literature (when applicable)
- 1 set Project Record Drawings
- 1 set Subcontractor Information (when applicable)

**D.08 DISCRETIONARY WORK**

This Bid Item entails minor increases (that may be directed by staff) to existing bid item quantities or minor modification items not bid which were unforeseen and necessary during the construction to provide a safe, complete project in accordance with Bid Documents. (This will not affect the requirement for change orders involving major modifications to the project.) Payment for all Work under this item shall be made only at the County's discretion in order to satisfactorily complete the project. In general, this item is for unanticipated conflicts and/or design changes required during construction which are necessary to complete the project without changing the initial scope of Work and without costly delays.

**D.09 PROGRESS REQUIREMENTS**

Bidders shall take notice of progress requirements detailed in the Contract Documents, Section 01010, Summary of Work, Article 1.03 Work Sequence, Page 15/172.

**END OF SECTION D**

## SECTION 00150

**MANATEE COUNTY LOCAL PREFERENCE LAW AND VENDOR REGISTRATION****E.01 Vendor Registration**

All vendors are encouraged to register with Manatee County using the on-line "Vendor Registration" web page on [www.mymanatee.org](http://www.mymanatee.org).

Enclosed are a copy of the current Manatee County law that details the County's Local Preference and the County's definition of a Local Business.

If you assert that your firm meets the stated definition of a Local Business, we ask that in addition to registering on the County's web page, you fill out the attached "**Affidavit As To Local Business Form**" that is included in this section, have the completed document notarized, and mail the original to the following address: Manatee County Administration Center, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205.

Your cooperation in registering your business with Manatee County will enhance our opportunities to identify sources for goods and services, plus identify Local Businesses. This information is used for soliciting quotations up to \$250,000.00 and for competitive solicitations of larger purchases.

You will note that Manatee County collaborates with the Manatee Chamber of Commerce, posting bids on [www.manateechamber.com](http://www.manateechamber.com) as well as using the same vendor categories for registration.

Our staff can assist you with your registration as needed. Our office hours are 8:00 A.M. to 5:00 P.M., Monday through Friday on regular business days. Please call (941) 749-3014 if you wish to have a purchasing staff member assist you.

**Quick steps to registration:**                      **[www.mymanatee.org](http://www.mymanatee.org)**

A link to "Purchasing" is listed under "Quick Links" on page one of the County web site.

On the left hand side of the Purchasing web page, click on "Vendor Registration".

This will bring up the Vendor Registration form for on-line input. Please note that the definition of a "Local Business" changed on March 17, 2009. The web page will be updated to include the current law which has been provided in this section of the bid.

Thank you for reviewing this information and considering registering your business with Manatee County. Registration is not mandatory; however, by taking the time to register, you are helping the County to provide timely notifications of quotation, bid and proposal opportunities to your business.

**E.02 Section 2-26-6. Local preference, tie bids, local business defined.**

- (a) Whenever a responsible local business bidder and a responsible non-local business bidder are found, upon the opening of bids, to have both submitted the lowest responsive bid, the bid of the local bidder shall be awarded the Contract. Should more than one responsible local business bidder match the responsible non-local business bidder's lowest responsive bid, or should no responsible local business bidder match the lowest responsive bid but two (2) or more responsible non-local business bidders submit lowest responsive bids for equal amounts, then the award of the Contract shall be determined by a chance drawing, coin toss, or similar tie-breaking method conducted by the Purchasing office and open to the public. Any bidders seeking to be recognized as local businesses for purposes of this local business preference provision may be required by the terms of the bid announcement to certify they meet the definition of local business set forth in this section, and to register as a local business with the County in the manner prescribed by the County to facilitate the County's ability to track the award of Contracts to local businesses and to allow the County to provide future notifications to its local businesses concerning other bidding opportunities.
- (b) Nothing herein shall be deemed to prohibit the inclusion of requirements with respect to operating and maintaining a local place of business in any Invitation For Bids when the bidder's location materially affects the provisions of the services or supplies that are required by the Invitation.
- (c) **Local business is defined as a business legally authorized to engage in the sale of the goods and/or services to be procured, and which certifies within its bid that for at least six (6) months prior to the announcement of the solicitation of bids it has maintained a physical place of business in Manatee, Desoto, Hardee, Hillsborough, Pinellas or Sarasota County with at least one (1) full-time employees at that location.**
- (d) **Each solicitation for bids made by the County shall contain terms expressly describing the local business preference policies of the County, and shall provide that by electing to submit a bid pursuant to a request for bids, all bidders are deemed to understand and agree to those policies.**
- (e) For all Contracts for architecture, professional engineering, or other professional services governed by Florida Statute § 287.055, the Consultants' Competitive Negotiation Act, the County shall include the local business status of a firm among the factors considered when selecting which firms are "most highly qualified." In determining which firm is the "most qualified" for purposes of negotiating a satisfactory Contract, preference shall be given to a local business where all other relevant factors are equal.
- (f) Local preference shall not apply to the following categories of Contracts:

1. Goods or services provided under a cooperative purchasing agreement or similar "piggyback" Contract;
2. Contracts for professional services subject to Florida Statute § 287.055, the Consultants' Competitive Negotiation Act, except as provided for in subsection (e) above;
3. Purchases or Contracts which are funded, in whole or in part, by a governmental or other funding entity, where the terms and conditions of receipt of the funds prohibit the preference;
4. Purchases or Contracts made pursuant to a non-competitive award process, unless otherwise provided by this section;
5. Any bid announcement which specifically provides that the general local preference policies set forth in this section are suspended due to the unique nature of the goods or services sought, the existence of an emergency as found by either the County commission or County administrator, or where such suspension is, in the opinion of the County attorney, required by law.

(g) To qualify for local preference under this section, **a local business must certify to the County that it:**

1. Has not within the five (5) years prior to the bid announcement admitted guilt or been found guilty by any court or state or federal regulatory enforcement agency of violation of any criminal law, or a law or administrative regulation regarding fraud;
2. Is not currently subject to an unresolved citation or notice of violation of any Manatee County Code provision, except citations or notices which are the subject of a current legal appeal, as of the date of the bid announcement;
3. Is not delinquent in the payment of any fines, liens, assessments, fees or taxes to any governmental unit or taxing authority within Manatee County, except any such sums which are the subject of a current legal appeal.

Ref: Ordinance 09-21 and 09-23 **PASSED AND DULY ADOPTED** in open session, with a quorum present and voting, on the 17<sup>th</sup> day of March, 2009.

**END OF SECTION E**

**MANATEE COUNTY GOVERNMENT  
AFFIDAVIT AS TO LOCAL BUSINESS  
(Complete and Initial Items B-F)**

**A. Authorized Representative**

I, [name] \_\_\_\_\_, am the [title] \_\_\_\_\_ and the duly authorized representative of: [name of business] \_\_\_\_\_, and that I possess direct personal knowledge to make informed responses to these certifications and the legal authority to make this Affidavit on behalf of myself and the business for which I am acting; and by electing to submit a bid pursuant to this Invitation for Bids, shall be deemed to understand and agree to the local business preference policies of Manatee County; and that I have the direct knowledge to state that this firm complies with all of the following conditions to be considered to be a Local Business as required by the Manatee County Code of Law, Section 2-26-6.

**B. Place of Business:** I certify that the above business is legally authorized to engage in the sale of goods and/or services and has a physical place of business in Manatee, DeSoto, Hardee, Hillsborough, Pinellas or Sarasota County with at least one (1) fulltime employee at that location. The physical address of the location which meets the above criteria is: \_\_\_\_\_ [Initial] \_\_\_\_\_

Business Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**C. Business History:** I certify that business operations began at the above physical address with at least one fulltime employee on [date] \_\_\_\_\_ [Initial] \_\_\_\_\_

**D. Criminal Violations:** I certify that within the past five years of the date of this Bid announcement, this business has not admitted guilt nor been found guilty by any court or local, state or federal regulatory enforcement agency of violation of any criminal law or administrative regulation regarding fraud. [Initial] \_\_\_\_\_

**E. Citations or Code Violations:** I certify that this business is not currently subject to any unresolved citation or notice of violation of any Manatee County Code provision, with the exception of citations or notices which are the subject of a legal current appeal within the date of this bid announcement. [Initial] \_\_\_\_\_

**F. Fees and Taxes:** I certify that this business is not delinquent in the payment of fines, liens, assessments, fees or taxes to any governmental unit or taxing authority within Manatee County, with the exception of those which are the subject of a current legal appeal. [Initial] \_\_\_\_\_

*Each of the above certifications is required to meet the qualification of "Local Business" under Manatee County Code of Law, 2-26-6.*

Signature of Affiant \_\_\_\_\_

STATE OF FLORIDA  
COUNTY OF \_\_\_\_\_

Sworn to (or affirmed) and subscribed before me this \_\_\_\_ day of \_\_\_\_\_, 2012, by (name of person making statement).

(Notary Seal) Signature of Notary: \_\_\_\_\_

Name of Notary: (Typed or Printed) \_\_\_\_\_

Personally Known \_\_\_\_ OR Produced Identification \_\_\_\_ Type of Identification Produced \_\_\_\_\_

**Submit executed copy to Manatee County Purchasing - Suite 803 - 1112 Manatee Avenue West - Bradenton, FL 34205**

**BID FORM  
SECTION 00300  
(SUBMIT IN TRIPLICATE)**

**For: Anna Maria Water Line Replacement Phases 24 and 25**

<b>TOTAL BID PRICE:</b> _____
<b>BID "A" Based on a Completion Time of 260 calendar days</b>
<b>TOTAL BID PRICE:</b> _____
<b>BID "B" Based on a Completion Time of 200 calendar days</b>

Two schedules for Completion of the Work shall be considered. Each bid for completion by the specified stated time shall be offered as a separate "Total Bid Price". The County has the sole authority to select the bid based on the Completion Time which is in the best interest of the County. Only one award shall be made.

We, the undersigned, hereby declare that we have carefully reviewed the bid documents, and with full knowledge and understanding of the aforementioned herewith submit this bid, meeting each and every specification, term, and condition contained in the Invitation for Bids.

We understand that the bid technical specifications, terms, and conditions in their entirety shall be made a part of any agreement or Contract between Manatee County and the successful bidder. Failure to comply shall result in Contract default, whereupon, the defaulting Contractor shall be required to pay for any and all re-procurement costs, damages, and attorney fees as incurred by the County.

Communications concerning this Bid shall be addressed as follows:

Person's Name: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Date: \_\_\_\_\_ FL Contractor License# \_\_\_\_\_

License in the Name of: \_\_\_\_\_

Bidder is a WBE/MBE Vendor? \_\_\_\_\_ Certification \_\_\_\_\_

COMPANY'S NAME: \_\_\_\_\_

AUTHORIZED SIGNATURE(S): \_\_\_\_\_

Name and Title of Above Signer(s) \_\_\_\_\_

CO. MAILING ADDRESS: \_\_\_\_\_

STATE OF INCORPORATION \_\_\_\_\_ (if applicable)

TELEPHONE: (\_\_\_\_) \_\_\_\_\_ FAX: (\_\_\_\_) \_\_\_\_\_

Email address: \_\_\_\_\_

I, \_\_\_\_\_ on \_\_\_\_\_ attest that I have visited the (name)  
(date)

project site (s) to familiarize myself with the full scope of work required for the bid.

Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_ Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_

Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_ Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_

Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_ Acknowledge Addendum No. \_\_\_\_\_ Dated: \_\_\_\_\_

**BID FORM**  
 (SUBMIT in TRIPLICATE)  
 IFB# 12-1811-DS  
 Anna Maria Waterline, Phases 24 & 25  
**BID "A" 260 Completion Calendar Days**

**PROJECT NAME:** Anna Maria Water Line Rehab Phase 24 & 25  
**PROJECT NUMBER:** 404-6002870  
**SECTION / TWSHP / RANGE:** Sec 33 Twp 34S Rge16E  
**PROJECT DESCRIPTION:** Install Aprox. 2840' of 2", 4" & 6" Water Main

<b>WATER LINES</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>QTY.</b>	<b>UNIT PRICE (\$)</b>	<b>EXTENDED PRICE (\$)</b>
1	2" HDPE Waterline (C-906) (Directional Bored)	LF	225		
2	2" Gate Valves	EA	1		
3	4" DI Waterline (CL-350)	LF	10		
4	4" HDPE (C-906) (Directional Bored)	LF	630		
5	6" HDPE (C-906) (Directional Bored)	LF	1,975		
6	6" DI Waterline (CL-350)	LF	45		
7	6" Gate Valves	EA	17		
8	Ductile Iron Fittings, Water	LB	1,480		
9	Fire Hydrant Assembly	EA	3		
10	Fire Hydrant Assembly-90 Degree	EA	2		
11	Water Service (Long) (Single)	EA	17		
12	Water Service (Short) (Single)	EA	13		
13	Water Service (Long) (Double)	EA	9		

BIDDER: \_\_\_\_\_

AUTHORIZED BY: \_\_\_\_\_



**BID FORM**  
 (SUBMIT in TRIPLICATE)  
 IFB# 12-1811-DS  
 Anna Maria Waterline, Phases 24 & 25  
**BID "A" 260 Completion Calendar Days**

**PROJECT NAME:** Anna Maria Water Line Rehab Phase 24 & 25  
**PROJECT NUMBER:** 404-6002870  
**SECTION / TOWNSHIP / RANGE:** Sec 33 Twp 34S Rge16E  
**PROJECT DESCRIPTION:** Install Aprox. 2840' of 2", 4" & 6" Water Main

<b>WATER LINES</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>QTY.</b>	<b>UNIT PRICE (\$)</b>	<b>EXTENDED PRICE (\$)</b>
14	Water Service (Short) (Double)	EA	15		
15	Water Service (Triple)	EA	2		
16	Remove Existing Gate Valve Box and Pad	EA	8		
17	Connection to Existing Water Lines	EA	7		
18	Driveway Restoration	SY	27		
19	Sodding	SY	700		
20	Erosion Control	LS	1		
21	Concrete Curb Replacement	LF	10		
22	Asphalt Road Restoration (Base & Resurface)	SY	53		
23	Asphalt Road Restoration (Mill & Overlay)	SY	479		
24	Pipe Adapters	EA	26		
25	Pipe Joint Restraints	EA	53		
26	Blowoff Assembly 2"	EA	3		

BIDDER: \_\_\_\_\_

AUTHORIZED BY: \_\_\_\_\_

**BID FORM**  
 (SUBMIT in TRIPLICATE)  
 IFB# 12-1811-DS  
 Anna Maria Waterline, Phases 24 & 25  
**BID "A" 260 Completion Calendar Days**

**PROJECT NAME:** Anna Maria Water Line Rehab Phase 24 & 25  
**PROJECT NUMBER:** 404-6002870  
**SECTION / TWSHP / RANGE:** Sec 33 Twp 34S Rge16E  
**PROJECT DESCRIPTION:** Install Aprox. 2840' of 2", 4" & 6" Water Main

<b>WATER LINES</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>QTY.</b>	<b>UNIT PRICE (\$)</b>	<b>EXTENDED PRICE (\$)</b>
27	Sidewalk Restoration	SY	10		
28	BF Preventer with Expansion Tanks & Vac. Breakers	EA	77		
29	FDOT Traffic Control and Thermoplastic Markings	LS	1		
30	Mobilization (maximum 10% of total bid)	LS	1		
31	Miscellaneous Work & Clean Up	LS	1		
<b>32</b>	<b>Discretionary</b>	<b>LS</b>	<b>1</b>		<b>\$ 30,000.00</b>
<b>TOTAL BID PRICE          BID "A"          260 Calendar Days          Completion Time</b>					<b>\$</b>

BIDDER: \_\_\_\_\_

AUTHORIZED BY: \_\_\_\_\_

**BID FORM**  
 (SUBMIT in TRIPLICATE)  
 IFB# 12-1811-DS

Anna Maria Waterline, Phases 24 & 25

**BID "B" 200 Completion Calendar Days**

**PROJECT NAME:** Anna Maria Water Line Rehab Phase 24 & 25  
**PROJECT NUMBER:** 404-6002870  
**SECTION / TWSHP / RANGE:** Sec 33 Twp 34S Rge16E  
**PROJECT DESCRIPTION:** Install Aprox. 2840' of 2", 4" & 6" Water Main

<b>WATER LINES</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>QTY.</b>	<b>UNIT PRICE (\$)</b>	<b>EXTENDED PRICE (\$)</b>
1	2" HDPE Waterline (C-906) (Directional Bored)	LF	225		
2	2" Gate Valves	EA	1		
3	4" DI Waterline (CL-350)	LF	10		
4	4" HDPE(C-906) (Directional Bored)	LF	630		
5	6" HDPE (C-906) (Directional Bored)	LF	1,975		
6	6" DI Waterline (CL-350)	LF	45		
7	6" Gate Valves	EA	17		
8	Ductile Iron Fittings, Water	LB	1,480		
9	Fire Hydrant Assembly	EA	3		
10	Fire Hydrant Assembly-90 Degree	EA	2		
11	Water Service (Long) (Single)	EA	17		
12	Water Service (Short) (Single)	EA	13		
13	Water Service (Long) (Double)	EA	9		

BIDDER: \_\_\_\_\_

AUTHORIZED BY: \_\_\_\_\_

BID "B"

**BID FORM**  
 (SUBMIT in TRIPLICATE)  
 IFB# 12-1811-DS

Anna Maria Waterline, Phases 24 & 25

**BID "B" 200 Completion Calendar Days**

**PROJECT NAME:** Anna Maria Water Line Rehab Phase 24 & 25  
**PROJECT NUMBER:** 404-6002870  
**SECTION / TWSHP / RANGE:** Sec 33 Twp 34S Rge16E  
**PROJECT DESCRIPTION:** Install Aprox. 2840' of 2", 4" & 6" Water Main

<b>WATER LINES</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>QTY.</b>	<b>UNIT PRICE (\$)</b>	<b>EXTENDED PRICE (\$)</b>
14	Water Service (Short) (Double)	EA	15		
15	Water Service (Triple)	EA	2		
16	Remove Existing Gate Valve Box and Pad	EA	8		
17	Connection to Existing Water Lines	EA	7		
18	Driveway Restoration	SY	27		
19	Sodding	SY	700		
20	Erosion Control	LS	1		
21	Concrete Curb Replacement	LF	10		
22	Asphalt Road Restoration (Base & Resurface)	SY	53		
23	Asphalt Road Restoration (Mill & Overlay)	SY	479		
24	Pipe Adapters	EA	26		
25	Pipe Joint Restraints	EA	53		
26	Blowoff Assembly 2"	EA	3		

BIDDER: \_\_\_\_\_

AUTHORIZED BY: \_\_\_\_\_

BID "B"

**BID FORM**  
 (SUBMIT in TRIPLICATE)  
 IFB# 12-1811-DS

Anna Maria Waterline, Phases 24 & 25

**BID "B" 200 Completion Calendar Days**

**PROJECT NAME:** Anna Maria Water Line Rehab Phase 24 & 25  
**PROJECT NUMBER:** 404-6002870  
**SECTION / TWSHP / RANGE:** Sec 33 Twp 34S Rge16E  
**PROJECT DESCRIPTION:** Install Aprox. 2840' of 2", 4" & 6" Water Main

<b>WATER LINES</b>					
<b>ITEM NO.</b>	<b>DESCRIPTION</b>	<b>UNITS</b>	<b>QTY.</b>	<b>UNIT PRICE (\$)</b>	<b>EXTENDED PRICE (\$)</b>
27	Sidewalk Restoration	SY	10		
28	BF Preventer with Expansion Tanks & Vac. Breakers	EA	77		
29	FDOT Traffic Control and Thermoplastic Markings	LS	1		
30	Mobilization (maximum 10% of total bid)	LS	1		
31	Miscellaneous Work & Clean Up	LS	1		
<b>32</b>	<b>Discretionary</b>	<b>LS</b>	<b>1</b>		<b>\$ 30,000.00</b>
<b>TOTAL BID PRICE BID "B" 200 Calendar Days Completion Time</b>					<b>\$</b>

BIDDER: \_\_\_\_\_

AUTHORIZED BY: \_\_\_\_\_

**SWORN STATEMENT  
THE FLORIDA TRENCH SAFETY ACT**

THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR BY AN OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This Sworn Statement is submitted with IFB No. #12-1811-DS
2. This Sworn Statement is submitted by \_\_\_\_\_  
whose business address is \_\_\_\_\_  
and, if applicable, its Federal Employer Identification Number (FEIN) is \_\_\_\_\_. If  
the entity has no FEIN, include the Social Security Number of the individual signing this  
sworn statement \_\_\_\_\_.
3. Name of individual signing this Sworn Statement is: \_\_\_\_\_,  
Whose relationship to the above entity is: \_\_\_\_\_.
4. The Trench Safety Standards that will be in effect during the construction of this project shall include, but are not limited to: Laws of Florida, Chapters 90-96, TRENCH SAFETY ACT, and OSHA RULES AND REGULATIONS 29 CFR 1926.650 Subpart P, effective October 1, 1990.
5. The undersigned assures that the entity will comply with the applicable Trench Safety Standards and agrees to indemnify and hold harmless the County and Engineer, and any of their agents or employees from any claims arising from the failure to comply with said standard.
6. The undersigned has appropriated the following costs for compliance with the applicable standards:

<u>Trench Safety Measure (Description)</u>	<u>Units of Measure (LF, SY)</u>	<u>Unit Quantity</u>	<u>Unit Cost</u>	<u>Extended Cost</u>
a. _____	_____	_____	\$ _____	_____
b. _____	_____	_____	\$ _____	_____
c. _____	_____	_____	\$ _____	_____
d. _____	_____	_____	\$ _____	_____

7. The undersigned intends to comply with these standards by instituting the following procedures:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

THE UNDERSIGNED, in submitting this Bid, represents that they have reviewed and considered all available geotechnical information and made such other investigations and tests as they may deem necessary to adequately design the trench safety system(s) to be utilized on this project.

\_\_\_\_\_  
(AUTHORIZED SIGNATURE / TITLE)

SWORN to and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 2012.

**(Impress official seal)**

Notary Public, State of Florida: \_\_\_\_\_

My commission expires: \_\_\_\_\_

SECTION 00430  
**CONTRACTOR'S QUESTIONNAIRE**  
(Submit in Triplicate)

The Bidder warrants the truth and accuracy of all statements and answers herein contained. (Include additional sheets if necessary.)

**THIS QUESTIONNAIRE MUST BE COMPLETED AND SUBMITTED WITH YOUR BID/QUOTE.**

1. LICENSE #: \_\_\_\_\_  
License Issued to \_\_\_\_\_  
COMPANY'S NAME: \_\_\_\_\_  
\_\_\_\_\_  
CO. PHYSICAL ADDRESS  
\_\_\_\_\_  
CITY  
\_\_\_\_\_ STATE of INCORPORATION, (IF APPLICABLE) \_\_\_\_\_ (ZIP CODE)  
(\_\_\_\_\_) \_\_\_\_\_ TELEPHONE NUMBER: (\_\_\_\_\_) \_\_\_\_\_ FAX  
EMAIL ADDRESS: \_\_\_\_\_

2. Bidding as an individual \_\_\_ a partnership: \_\_\_ a corporation; \_\_\_ a joint venture \_\_\_

3. If a partnership: list names and addresses of partners; if a corporation: list names of officers, directors, shareholders, and state of incorporation; if joint venture: list names and address of ventures' and the same if any venture are a corporation for each such corporation, partnership, or joint venture:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Your organization has been in business (under this firm's name) as a  
\_\_\_\_\_  
\_\_\_\_\_

For how many years? \_\_\_\_\_ Is this firm in bankruptcy? \_\_\_\_\_

*(Minimum requirement is bidding Contractor (company supplying the bid) shall possess a valid Certified General Contractors License or a Florida Certified Underground Utility License with **five (5) years** experience performing the same type of work (municipal water systems.) Attach a list of projects where this specific type of work was done by each bidding firm.*

\_\_\_\_\_ **Years holding a Certified Underground Utility License.**  
\_\_\_\_\_ **Years holding a Certified General Contractors License.**

\_\_\_\_\_ **Years experience performing this type of project. (Attach a list of projects where this specific type of work**

BIDDER: \_\_\_\_\_

SECTION 00430  
**CONTRACTOR'S QUESTIONNAIRE**  
(Submit in Triplicate)

4. (Continued)  
Has license ever been suspended, revoked, removed or under investigation?  
\_\_\_\_\_  
\_\_\_\_\_
5. Describe and give the date and County of the last three government or private work of similar scope you've completed which are similar in cost, type, size, and nature as the one proposed (for a public entity), include contact name and phone number. Provide the Budget, Actual Cost, Size and Summary of Work for each project. "Attach additional pages as necessary".  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. Have you ever been assessed liquidated damages under a Contract during the past five (5) years? If so, state when, where (contact name, address, and phone number) and why.  
\_\_\_\_\_  
\_\_\_\_\_
7. Have you ever failed to complete work awarded to you? Or provide projects not completed within Contract time. If so, state when, where (Contact name, address, phone number) and why?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Have you ever been debarred or prohibited from bidding on a governmental entity's construction project? If yes, name the entity and describe the circumstances:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BIDDER: \_\_\_\_\_



SECTION 00430  
**CONTRACTOR'S QUESTIONNAIRE**  
(Submit in Triplicate)

9. Name three individuals, governmental entities, or corporations for which you have performed similar work and to which you refer. Include contact name and phone number:
- 1. \_\_\_\_\_
  - 2. \_\_\_\_\_
  - 3. \_\_\_\_\_

10. What specific steps have you taken to examine the physical conditions at or contiguous to the site, including but not limited to, the location of existing underground facilities?  
Have you visited the site (s)? \_\_\_\_\_  
Provide date/ (s) of site visit: \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

11. What specific physical conditions, including, but not limited to, the location of existing underground facilities have you found which will, in any manner, affect cost, progress, performance, or finishing of the work?
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

12. Will you subcontract any part of this Work? If so, describe which major portion(s):
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

13. If any, list (with Contract amount) WBE/MBE to be utilized:
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

BIDDER: \_\_\_\_\_

SECTION 00430  
**CONTRACTOR'S QUESTIONNAIRE**  
(Submit in Triplicate)

14. What equipment do you own to accomplish this Work? (A listing may be attached)

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---

---

15. What equipment will you purchase/rent for the Work? (Specify which)

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---

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16. List the following in connection with the Surety which is providing the Bond(s):

Surety's Name: \_\_\_\_\_

Surety's Address: \_\_\_\_\_

Surety's Address: \_\_\_\_\_

Name, address and phone number of Surety's resident agent for service of process in Florida:

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Phone: (\_\_\_\_\_) \_\_\_\_\_

Email \_\_\_\_\_

BIDDER: \_\_\_\_\_

**PUBLIC CONTRACTING AND ENVIRONMENTAL CRIMES CERTIFICATION**

**SWORN STATEMENT PURSUANT TO ARTICLE 6,  
MANATEE COUNTY PURCHASING CODE**

**THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.**

This sworn statement is submitted to the Manatee County Board of County Commissioners by

\_\_\_\_\_ [Print individual's name and title]

\_\_\_\_\_ for \_\_\_\_\_ [print name of entity submitting sworn statement]

whose business address is: \_\_\_\_\_

and (if applicable) its Federal Employer Identification Number (FEIN) is \_\_\_\_\_. If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: \_\_\_\_\_

I understand that no person or entity shall be awarded or receive a county contract for public improvements, procurement of goods or services (including professional services) or a county lease, franchise, concession or management agreement, or shall receive a grant of county monies unless such person or entity has submitted a written certification to the County that it has not:

- (1) been convicted of bribery or attempting to bribe a public officer or employee of Manatee County, the State of Florida, or any other public entity, including, but not limited to the Government of the United States, any state, or any local government authority in the United States, in that officer's or employee's official capacity; or
- (2) been convicted of an agreement or collusion among bidders or prospective bidders in restraint of freedom of competition, by agreement to bid a fixed price, or otherwise; or
- (3) been convicted of a violation of an environmental law that, in the sole opinion of the County's Purchasing Director, reflects negatively upon the ability of the person or entity to conduct business in a responsible manner; or
- (4) made an admission of guilt of such conduct described in items (1), (2) or (3) above, which is a matter of record, but has not been prosecuted for such conduct, or has made an admission of guilt of such conduct, which is a matter of record, pursuant to formal prosecution. An admission of guilt shall be construed to include a plea of nolo contendere; or
- (5) where an officer, official, agent or employee of a business entity has been convicted of or has admitted guilt to any of the crimes set forth above on behalf of such an entity and pursuant to the direction or authorization of an official thereof (including the person committing the offense, if he is an official of the business entity), the business shall be chargeable with the conduct herein above set forth. A business entity shall be chargeable with the conduct of an affiliated entity, whether wholly owned, partially owned, or one which has common ownership or a common Board of Directors. For purposes of this Form, business entities are affiliated if, directly or indirectly, one business entity controls or has the power to control another business entity, or if an individual or group of individuals controls or has the power to control both entities. Indicia of control shall include, without limitation, interlocking management or ownership, identity of interests among family members, shared organization of a business entity following the ineligibility of a business entity under this Article, or using substantially the same management, ownership or principles as the ineligible entity.

(Cont'd.)

Any person or entity who claims that this Article is inapplicable to him/her/it because a conviction or judgment has been reversed by a court of competent jurisdiction shall prove the same with documentation satisfactory to the County's Purchasing Director. Upon presentation of such satisfactory proof, the person or entity shall be allowed to contract with the County.

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR MANATEE COUNTY IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT ANY CONTRACT OR BUSINESS TRANSACTION SHALL PROVIDE FOR SUSPENSION OF PAYMENTS, OR TERMINATION, OR BOTH, IF THE CONTRACTING OFFICER OR THE COUNTY ADMINISTRATOR DETERMINES THAT **SUCH PERSON OR ENTITY HAS MADE FALSE CERTIFICATION.**

\_\_\_\_\_  
[Signature]

STATE OF FLORIDA  
COUNTY OF \_\_\_\_\_

Sworn to and subscribed before me this day of \_\_\_\_\_, 2012 by \_\_\_\_\_

Personally known \_\_\_\_\_ OR Produced identification \_\_\_\_\_  
[Type of identification]

\_\_\_\_\_  
Notary Public Signature My commission expires \_\_\_\_\_

\_\_\_\_\_  
[Print, type or stamp Commissioned name of Notary Public]

**Signatory Requirement** - In the case of a business entity other than a partnership or a corporation, this affidavit shall be executed by an authorized agent of the entity. In the case of a partnership, this affidavit shall be executed by the general partner(s). In the case of a corporation, this affidavit shall be executed by the corporate president.

**SECTION 00500  
FORM OF AGREEMENT  
BETWEEN THE  
COUNTY OF MANATEE, FLORIDA  
AND THE CONTRACTOR AS IDENTIFIED BELOW  
ON THE BASIS OF A STIPULATED UNIT COST CONTRACT PRICE**

THIS AGREEMENT is made and entered into by and between the COUNTY OF MANATEE, a political subdivision of the state of Florida, hereinafter referred to as the "COUNTY" and XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX hereinafter referred to as the "CONTRACTOR," duly authorized to transact business in the state of Florida, with offices located at XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Phone: (     ) \_\_\_\_\_

**Article 1. WORK**

CONTRACTOR shall furnish all labor, materials, supplies, and other items required to complete the Work for IFB No. **12-1811-DS Anna Maria Water Line Replacement Phases 24 and 25** in strict accordance with Contract Documents and any duly authorized subsequent addenda thereto, all of which are made a part hereof.

**Article 2. ENGINEER**

The County of Manatee, Public Works Department, is responsible as the COUNTY and as "ENGINEER," designed this project and is responsible for technical/engineering reviews and decisions. The ENGINEER is a member of the COUNTY'S project management team which is collectively responsible in ensuring the Work is completed in accordance with the Contract Documents.

All communication involving this project will be addressed to Mr. Vincent Canna, Senior Engineering Specialist, Public Works Department and to the Mr. Jim Stockwell. All invoicing will be addressed to the attention of Mr. Vincent Canna, Senior Engineering Specialist, Public Works Department, (address noted below) with invoice copies sent to Mr. Jim Stockwell.

Manatee County Public Works Dept.  
  
IFB# 12-1811-DS  
Attention: Mr. Vincent Canna  
Senior Engineering Specialist  
1022 26<sup>th</sup> Avenue East  
Bradenton, Florida 34208  
Phone (941) 708-7450 ext. 7338

Manatee County Public Works Dept  
(Engineering Division)  
IFB# 12-1811-DS  
Attn: Mr. Jim Stockwell, Sr. Project Engineer  
Engineer of Record  
1022 26<sup>th</sup> Avenue East  
Bradenton, Florida 34208  
Phone (941) 708-7463 ext. 7651

Where the terms ENGINEER and/or COUNTY are used in the Contract Documents, it shall mean the COUNTY'S project management team.

**Article 3. CONTRACTOR'S REPRESENTATIONS**

In order to induce COUNTY to enter into this Agreement, CONTRACTOR makes the following representations:

- 3.1 CONTRACTOR has familiarized itself with the nature and extent of the Bid Documents, Work, site, locality and all local conditions and laws and regulations that in any manner may affect cost, progress, performance or furnishing of the Work.
- 3.2 CONTRACTOR has studied carefully all drawings of the physical conditions upon which CONTRACTOR is entitled to rely.
- 3.3 CONTRACTOR has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests, reports and studies which pertain to the physical conditions at or contiguous to the site or which otherwise may affect the cost, progress, performance or furnishing of the Work as CONTRACTOR considers necessary for the performance or furnishing of the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Bid Documents; and no additional examinations, investigations, explorations, tests, reports, studies or similar information or data are or will be required by CONTRACTOR for such purposes.
- 3.4 CONTRACTOR has reviewed and checked all information and data shown or indicated on the Bid Documents with respect to existing underground facilities at or contiguous to the site and assumes responsibility for the accurate location of said underground facilities. Any additional examinations, investigations, explorations, tests, reports, studies or similar information or data in respect of said underground facilities conducted by the CONTRACTOR will be done at the CONTRACTOR'S expense.
- 3.5 CONTRACTOR has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Bid.
- 3.6 CONTRACTOR has given COUNTY written notice of all conflicts, errors or discrepancies that have been discovered in the Bid Documents and the written resolution thereof by COUNTY is acceptable to CONTRACTOR.
- 3.7 CONTRACTOR shall schedule and perform the Work subject to COUNTY'S approval and shall hold COUNTY harmless from all liabilities incurred due to CONTRACTOR'S failure to coordinate with the COUNTY.

#### **Article 4. CONTRACT DOCUMENTS**

The Contract Documents which comprise the entire Agreement between COUNTY and CONTRACTOR concerning the Work consist of the following:

- 4.1 This Agreement and Bid Document IFB#12-1811-DS
- 4.2 Performance and/or other Bonds and Insurance Certificate(s)
- 4.3 Drawings (attached by reference)
- 4.4 Addenda numbers \_\_\_\_\_ to \_\_\_\_\_, inclusive.
- 4.5 CONTRACTOR'S Bid Form and any other information submitted by Contractor prior to Notice of Award.
- 4.6 The following which may be delivered or issued after the effective date of the Agreement and are not attached hereto: all written Change Orders and other documents amending, modifying, or supplementing the Contract Documents.
- 4.7 The documents listed in paragraphs above are attached to this Agreement (except as noted otherwise above). There are no Contract Documents other than those listed above in this Article 4.

#### **Article 5. MISCELLANEOUS**

- 5.1 Terms used in this Agreement are defined in Article 1 of the General Conditions.
- 5.2 No assignment by a party hereto of any rights under or interest in the Contract Documents will be binding on another party hereto without the written consent of the party sought to be bound; and specifically but without limitation, monies that may become due and monies 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 assignee from any duty or responsibility under the Contract Documents.
- 5.3 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 of all covenants, agreements and obligations contained in the Contract Documents.

The COUNTY will pay, and the CONTRACTOR will accept in full consideration for the performance of the Work (**IFB No. #12-1811-DS, Anna Maria Water Line Replacement Phases 24 and 25**) subject to additions and deductions as provided therein, the sum of \_\_\_\_\_ Dollars and xxxxxxxxxxxxxxxx Cents (\$ xxxxxxxxxxxxxxxx ) for Bid " X " based on Completion Time of xxx calendar days and the sum of **\$566.00** as liquidated damages for each calendar day of delay.

**CONTRACTOR**

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

Print Name: \_\_\_\_\_

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

**MANATEE COUNTY GOVERNMENT**

BY: \_\_\_\_\_ For the County  
Signature

Melissa M. Wendel, CPPO, Purchasing Official  
Name and Title of Signer

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



SECTION 00700  
GENERAL CONDITIONS

**ARTICLE I - DEFINITIONS**

Whenever used in the Bid Documents, the following terms have the meaning indicated which are applicable to both the singular and plural thereof:

Addendum - Written or graphic instruments issued prior to the opening of bids which clarify or change the bidding documents or the Contract documents.

Agreement - The written Agreement between County and Contractor covering the Work to be performed; other Contract documents are attached to the Agreement and made a part thereof as provided therein.

Written Amendment - A written amendment of the Contract documents, signed by County and Contractor on or after the effective date of the Agreement and normally dealing with the non-engineering or non-technical rather than strictly work related aspects of the Contract documents.

Application for Payment - The form accepted by Project Representative which is to be used by Contractor in requesting progress or final payments and which is to include such supporting documentation as is required by the Contract documents.

Award - Acceptance of the bid from the person, firm, or corporation which in the County's sole and absolute judgment will under all circumstances best serve the public interest. Award shall be made in accordance with Manatee County Code of Laws.

Bid - The offer of the bidder submitted on the prescribed form setting forth the prices for the Work to be performed.

Bidder - One who submits a bid directly to the County, as distinct from a sub-bidder, who submits a bid to a Bidder.

Bidding Documents - Consists of the Invitation For Bid, which includes but is not limited to: the bid form, drawings, technical specifications, terms and conditions, and the proposed Contract documents (including all Addenda issued prior to receipt of bids); and becomes a part of the Agreement.

Bonds - Performance and payment bonds and other instruments of security.

Change Order - A document recommended by Project Representative which is signed by Contractor and County and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract price or the Contract time, issued on or after the effective date of the Agreement.

Compensable Delay - Any delay beyond the control and without the fault or negligence of the Contractor resulting from County-caused changes in the Work, differing site conditions, suspensions of the Work, or termination for convenience by County.

Contract Documents - The Agreement, Addenda (which pertain to the Contract documents), Contractor's bid (including documentation accompanying the bid and any post-bid documentation submitted prior to the Notice of Award), the bonds, the specifications and the drawings, together with all amendments, modifications and supplements issued on or after the effective date of the Agreement.

Contract Price - The monies payable by County to Contractor under the Contract documents as stated in the Agreement.

Contract Time - The number of days or the date stated in the Notice to Proceed for the completion of the Work.

Contractor - The person, firm or corporation with whom County has entered into an Agreement.

Days - All references to days are to be considered calendar days except as specified differently.

Defective - An adjective which when modifying the work refers to work that is unsatisfactory, faulty or deficient, or does not conform to the Contract documents, or does not meet the requirements of any inspection, reference standard, test or approval referred to in the Contract documents, or has been damaged prior to Project Representative's recommendation of final payment (unless responsibility for the protection thereof has been assumed by County).

Discretionary - Payment for all work that shall be made only at the County's discretion in order to satisfactorily complete the project in accordance with the Plans and Specifications.

Drawings - The drawings which show the character and scope of the Work to be performed and which have been prepared or approved by Engineer and are referred to in the bidding and Contract documents.

Effective Date of the Agreement - The date indicated in the Agreement on which it becomes effective (date of execution).

Excusable Delay - Any delay beyond the control and without the negligence of the Contractor, the County, or any other Contractor caused by events or circumstances such as, but not limited to, acts of God or of the public enemy, fires, floods, freight embargoes, acts of government other than County or epidemics. Labor disputes and above average rainfall shall give rise only to excusable delays.

Float or Slack Time - The time available in the progress schedule during which an unexpected activity can be completed without delaying substantial completion of the Work.

Field Order - A written order issued by Project Representative which orders minor changes in the Work, but which does not involve a change in the Contract price or the Contract time.

Inexcusable Delay - Any delay caused by events or circumstances within the control of the Contractor, such as inadequate crewing, slow submittals, etc., which might have been avoided by the exercise of care, prudence, foresight, or diligence on the part of the Contractor.

Non-prejudicial Delay - Any delay impacting a portion of the Work within the available total float or slack time and not necessarily preventing completion of the Work within the Contract time.

Notice of Award - The written notice to the successful bidder stating Award has been approved by the Board of County Commissioners; or by the Purchasing Official in accordance with Manatee County Purchasing Code of Law, Chapter 2-26, Manatee County Purchasing Ordinance.

Notice of Intent to Award - The written notice to the apparent low bidder stating Award has been recommended with final Award to be authorized by the Board of County Commissioners.

Notice to Proceed - Written notice by County (after execution of Contract) to Contractor fixing the date on which the Contract time will commence to run and on which Contractor shall start to perform ten (10) days from date of such notice Contractor's obligations under the Contract documents.

County - Manatee County, Florida, Board of County Commissioners, a political subdivision of the State of Florida.

Preconstruction Conference - Prior to starting the Work, a meeting scheduled by County with Contractor to review the Work schedules, to establish procedures for handling shop drawings and other submissions, for processing periodical pay estimates, and such other matters as may be pertinent to the project.

Prejudicial Delay - Any excusable or compensable delay impacting the Work and exceeding the total float available in the progress schedule, thus preventing completion of the Work within the Contract time unless the Work is accelerated.

Pre-operation Testing - All field inspections, installation checks, water tests, performance tests and necessary corrections required of Contractor to demonstrate that individual components of the work have been properly constructed and do operate in accordance with the Contract documents for their intended purposes.

Project - The total construction of which the Work to be provided under the Contract documents may be the whole or a part as indicated elsewhere in the Contract documents.

Project Representative - The authorized representative of County who is assigned to the project or any part thereof.

Schedule of Values – Unit Prices shall be established for this Contract by the submission of a schedule of values. The Contractor shall submit a Schedule of Values within ten days of Notice to Proceed date. The Schedule shall include quantities and prices of items equaling the Total Bid Price and will subdivide the Work into components parts in sufficient detail to serve as the basis for progress payments during construction. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work. Upon request of the County, the Contractor shall support the values with data which will substantiate their correctness.

Shop Drawings - All drawings, diagrams, illustrations, schedules and other data which are specifically prepared by or for Contractor to illustrate some portion of the Work and all illustrations, brochures, standard schedules, performance charts, instructions, diagrams and other information prepared by a supplier and submitted by Contractor to illustrate material or equipment for some portion of the Work.

Specifications - Those portions of the Contract documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work and certain administrative details applicable thereto.

Subcontractor - An individual or corporation having a direct contact with Contractor or with any other subcontractor for the performance of a part of the Work at the site. Such person or firm has contractual relations with the Contractor, not with the County.

Substantial Completion - The Work (or a specified part thereof) has progressed to the point when, in the opinion of the Engineer as evidenced by Engineer's definitive certificate of Substantial Completion, it is sufficiently complete in accordance with Contract documents so that the work can be utilized for the purposes for which it is intended; or if there be no such certificate issued, when final payment is due.

Successful Bidder - The lowest qualified, responsible and responsive bidder to whom an award is made.

Supplier - A manufacturer, fabricator, supplier, distributor, materialman or vendor.

Underground Facilities - All pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels or other such facilities or attachments and any encasement containing such facilities which have been installed underground to furnish any of the following services or materials: electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, sewage and drainage removal, traffic or other control systems or water.

Unit Price Work - Work to be paid for on the basis of unit prices.

Work - The entire completed construction or the various separately identifiable parts thereof required to be furnished under the Contract documents. Work is the result of performing services, furnishing labor and furnishing and incorporating materials and equipment into the construction, all as required by the Contract documents.

Work Directive Change - A written directive to Contractor, issued on or after the effective date of the Agreement and signed by County and recommended by Project Representative ordering an addition, deletion or revision in the Work, or responding to differing or unforeseen physical conditions under which the Work is to be performed or to emergencies.

A work directive change may not change the Contract price or the Contract time; but is evidence that the parties expect that the change directed or documented by a work directive change will be incorporated in a subsequently issued change order following negotiations by the parties as to its effect, if any, on the Contract price or Contract time.

## **ARTICLE 2 - PRELIMINARY MATTERS**

Computation of Time: When time is referred to in the Contract documents by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or legal holiday, such day will be omitted from the computation.

- 2.1 The Contractor must submit a proposed schedule of the Work at the preconstruction conference. The purpose of this schedule is to enable the County to govern the Work, to protect the functions of the local government and its citizens and to aid in providing appropriate surveillance. The County shall have the right to reschedule work provided such rescheduling is in accord with the remainder of terms of the Contract. The schedule shall show, as a minimum, the approximate dates on which each segment of the work is expected to be started and finished, the proposed traffic flows during each month, the anticipated earnings by the Contractor for each month and the approximate number of crews and equipment to be used. The County, after necessary rescheduling and obtaining additional information for specific purposes, shall review and approve the schedule. The Contractor shall also forward to the County, as soon as practicable after the first day of each month, a summary report of the progress of the various parts of the work under the Contract, in fabrication and in the field, stating the existing status, estimated time of completion and cause of delay, if any. Together with the summary report, the Contractor shall submit any necessary revisions to the original schedule for the County's review and approval. In addition, more detailed schedules may be required by the County for daily traffic control.
- 2.2 A Notice to Proceed may be given at any time within thirty (30) days after the effective date of the Agreement. The Contract time will commence at the time specified in such notice. Contractor shall start to perform the Work on the date specified in the Notice to Proceed, but no work shall be done at the site prior to the date on which the Contract time commences to run.

**ARTICLE 2 - PRELIMINARY MATTERS (Continued)**

- 2.3 If at any time the materials and appliances to be used appear to the County as insufficient or improper for securing the quality of work required or the required rate of progress, the County may order the Contractor to increase his efficiency or to improve the character of his work and the Contractor shall conform to such an order. The failure of the County to demand any increase of such efficiency of any improvement shall not release the County from his obligation to secure the quality of work or the rate of progress necessary to complete the Work within the limits imposed by the Contract. The County may require the Contractor to remove from the Work such employees as the County deems incompetent, careless, insubordinate or otherwise objectionable, or whose continued employment on the Work is deemed to be contrary to the County's interest.
- 2.4 The County reserves the right to let other Contracts in connection with this Work. The Contractor shall afford other Contractors reasonable opportunity for the introduction and storage of their materials and execution of their Work, and promptly connect and coordinate the Work with theirs.

**ARTICLE 3 - CONTRACT DOCUMENTS: INTENT, AMENDING, RE-USE**

- 3.1 The Contract documents comprise the entire Agreement between County and Contractor concerning the work. The Contract documents are complementary; what is called for by one is as binding as if called for by all. The Contract documents will be construed in accordance with the laws and ordinances of the State of Florida and Manatee County.

Should a conflict exist within the Contract documents, the precedence in ascending order of authority are as follows: 1) Printed Contract Documents, 2) Special Conditions, 3) General Conditions/Technical Specifications and 4) Drawings.

Note: Computed dimensions shall govern over scaled dimensions.

- 3.2 It is the intent of the Contract documents to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract documents. Any work, materials or equipment that may reasonably be inferred from the Contract documents as being required to produce the intended result will be supplied whether or not specifically called for. When words which have a well-known technical or trade meaning are used to describe work, materials, or equipment, such words shall be interpreted in accordance with that meaning. Reference to standard specifications, manuals or codes of any technical society, organization or association, or to the laws or regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code or laws or regulations in effect at the time of opening of bids, except as may be otherwise specifically stated.

- 3.2 However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract documents) shall be effective to change the duties and responsibilities of County, Contractor or Engineer, or any of their agents or employees from those set forth in the Contract Documents
- 3.3 The Contract documents may be amended to provide for additions, deletions and revisions in the Work or to modify the terms and conditions thereof in one or more of the following ways:
- 3.3.1 Formal Written Amendment
  - 3.3.2 Change Order
  - 3.3.3 Administrative Contract Adjustment (ACA)
  - 3.3.4 Work Directive Change
- 3.4 In addition, the requirements of the Contract documents may be supplemented and minor variations and deviations in the Work may be authorized in one or more of the following ways:
- 3.4.1 Discretionary Work – Field Directive
  - 3.4.2 Engineer's Approval of a Shop Drawing or Sample.

#### **ARTICLE 4 - CONTRACTOR'S RESPONSIBILITIES**

- 4.1 Contractor shall keep on the Work at all times during its progress a competent resident superintendent; who shall be the Contractor's representative at the site and shall have authority to act on behalf of Contractor. All communications given to the superintendent shall be as binding as if given to Contractor.
- 4.2 Contractor shall provide competent, suitable qualified personnel to survey and lay out the Work and perform construction as required by the Contract documents. Contractor shall at all times maintain good discipline and order at the site. Except in connection with the safety or protection of persons or the Work or property at the site or adjacent thereto and except as otherwise indicated in the Contract documents, all Work at the site shall be performed during regular working hours and Contractor will not permit overtime work or the performance of work on Saturday, Sunday or legal holiday without County's written consent given after prior notice to Engineer (at least 72 hours in advance).
- 4.2.1 Contractor shall pay for all additional engineering charges to the County for any overtime work which may be authorized. Such additional engineering charges shall be a subsidiary obligation of Contractor and no extra payment shall be made by County on account of such overtime work. At County's option, overtime costs may be deducted from Contractor's monthly payment request or Contractor's retainage prior to release of final payment.

- 4.3 Unless otherwise specified, Contractor shall furnish and assume full responsibility for all bonds, insurance, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities and all other facilities and incidentals necessary for the furnishing, performance, testing, start-up and completion of the Work.
- 4.4 All materials and equipment shall be of good quality and new, except as otherwise provided in the Contract documents. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the kind and quality of materials and equipment. All materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instruction of the applicable supplier except as otherwise provided in the Contract documents.
- 4.5 Contractor shall be fully responsible to County for all acts and omissions of the subcontractors, suppliers and other persons and organizations performing or furnishing any of the Work under a direct or indirect Contract with Contractor just as Contractor is responsible for Contractor's own acts and omissions. Nothing in the Contract Documents shall create any contractual relationship between County or Engineer and any such subcontractor, supplier or other person or organization, nor shall it create any obligation on the part of County to pay or to see to the payment of any monies due any such subcontractor, supplier or other person or organization.
- 4.6 Permits: Unless otherwise provided, Contractor shall obtain and pay for all construction permits and licenses. County shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work.
- 4.7 During the progress of the Work, Contractor shall keep the premises free from accumulation of waste materials rubbish and other debris resulting from the Work. At the completion of the Work, Contractor shall remove all waste materials, rubbish and debris from and about the premises as well as all tools, appliances, construction equipment and machinery and surplus materials and shall leave the site clean and ready for occupancy by County. Contractor shall restore to original conditions all property not designated for alteration by the Contract Documents.
- 4.8 Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent property to stresses or pressures that will endanger it.
- 4.9 Safety and Protection: Contractor shall comply with the Florida Department of Commerce Safety Regulations and any local safety regulations. Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Contractor shall take all necessary precautions for the safety of and shall provide the necessary protection to prevent damage, injury or loss to:



- 4.9.1 all employees on the work and other persons and organizations who may be affected thereby;
- 4.9.2 all the work and materials and equipment to be incorporated therein, whether in storage on or off the site; and
- 4.9.3 other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities and underground facilities not designated for removal, relocation or replacement in the course of construction.

Contractor shall comply with all applicable laws and regulations of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall provide and maintain all passageways, guard fences, lights and other facilities for the protection required by public authority or local conditions. Contractor shall provide reasonable maintenance of traffic way for the public and preservation of the County's business, taking into full consideration all local conditions. Contractor's duties and responsibilities for the safety and protection of the work shall continue until such time as all the work is completed.

- 4.10 Emergencies: In emergencies affecting the safety or protection of persons or the Work or property at the site or adjacent thereto, Contractor, without special instruction or authorization from Engineer or County, is obligated to act to prevent threatened damage, injury or loss. Contractor shall give County prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract documents have been caused thereby. If County determines that a change in the Contract documents is required because of the action taken in response to an emergency, a work directive change or change order will be issued to document the consequences of the changes or variation.
- 4.11 For substitutes not included with the bid, but submitted after the effective date of the Agreement, Contractor shall make written application to Engineer for acceptance thereof, certifying that the proposed substitute will perform adequately the functions and achieve the results called for by the general design, be similar and of equal substance to that specified and be suited to the same use as that specified.

The application will also contain an itemized estimate of all costs and delays or schedule impacts that will result directly or indirectly from review, acceptance and provisions of such substitute, including costs of redesign and claims of other Contractors affected by the resulting change, all of which will be considered by the Engineer in evaluating the proposed substitute. Engineer may require Contractor to furnish at Contractor's expense, additional data about the proposed substitute. In rendering a decision, County/Engineer and Contractor shall have access to any available float time in the construction schedule. In the event that substitute materials or equipment not included as part of the bid, but proposed after the effective date of the agreement, are accepted and are less costly than the originally specified materials or equipment, then the net difference in cost shall be credited to the County and an appropriate change order executed.

- 4.11.1 If a specific means, method, technique, sequence of procedure of construction is indicated in or required by the Contract documents, Contractor may furnish or utilize a substitute means, method, sequence, technique or procedure of construction acceptable to Engineer if Contractor submits sufficient information to allow Engineer to determine that the substitute proposed is equivalent to that indicated or required by the Contract documents.
- 4.11.2 Engineer will be allowed a reasonable time within which to evaluate each proposed substitute. Engineer will be the sole judge of acceptability and no substitute will be ordered, installed or utilized without Engineer's prior written acceptance which will be evidenced by either a change order or an approved shop drawing. County may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- 4.11.3 Contractor shall reimburse County for the charges of Engineer and Engineer's Consultants for evaluating each proposed substitute submitted after the effective date of the Agreement and all costs resulting from any delays in the work while the substitute was undergoing review.
- 4.12 The Contractor shall furnish, free of charge, all labor, stakes, surveys, batter boards for structures, grade lines and other materials and supplies and shall set construction stakes and batter boards for establishing lines, position of structures, slopes and other controlling points necessary for the proper prosecution of the construction work. Where rights-of-way, easements, property lines or any other conditions which make the lay-out of the project or parts of the project critical are involved, the Contractor will employ a competent surveyor who is registered in the State of Florida for lay-out and staking. These stakes and marks shall constitute the field control by and in accord with which the Contractor shall govern and execute the Work. The Contractor will be held responsible for the preservation of all stakes, marks and if for any reason any of the stakes or marks or batter boards become destroyed or disturbed, they will be immediately and accurately replaced by the Contractor.
- 4.13 The Contractor has, by careful examination, satisfied himself as to the nature and location of the work and all other matters which can in any way affect the work under this Contract, including, but not limited to details pertaining to boring, as shown on the drawings, are not guaranteed to be more than a general indication of the materials likely to be found adjacent to holes bored at the site of the work, approximately at the locations indicated. The Contractor shall examine boring data, where available, and make his own interpretation of the subsoil investigations and other preliminary data, and shall base his bid on his own opinion of the conditions likely to be encountered. In no event shall an extension of time be considered for any conditions that existed at the time of bidding, nor shall the Contractor receive extra compensation for completion of the project as intended by the drawings

and in keeping with the contract documents. No verbal agreement or conversation with any officer, agent or employee of the County, before or after the execution of this Contract, shall affect or modify any of the terms or obligations herein contained.

- 4.14 If the Contractor, in the course of the Work, finds that the drawings and/or Contract Documents cannot be followed, he shall immediately inform the County in writing, and the County shall promptly check the accuracy of the information. Any work done after such discovery, until any necessary changes are authorized, will be done at the Contractor's risk.

#### **ARTICLE 5 - COUNTY'S RESPONSIBILITIES**

- 5.1 County shall furnish the data required of County under the Contract documents promptly and shall make payments to the Contractor within a reasonable time {no more than twenty (20) days} after the Work has been accepted by the County. The form of all submittals, notices, change orders and other documents permitted or required to be used or transmitted under the Contract documents shall be determined by the County/Engineer. Standard County forms shall be utilized.
- 5.2 The County shall provide the lands upon which the Work under this Contract is to be done, except that the Contractor shall provide all necessary additional land required for the erection of temporary construction facilities and storage of his materials, together with right of access to same.
- 5.3 The County shall have the right to take possession of and use any completed portions of the work, although the time for completing the entire work or such portions may not have expired, but such taking possession and use shall not be deemed an acceptance of any work not completed in accordance with the Contract Documents.

**ARTICLE 6 - CHANGES IN THE WORK**

- 6.1 Without invalidating the Agreement and without notice to any surety, County may, at any time, order additions, deletions or revisions in the Work. These will be authorized by a written amendment, a change order, or a work directive change. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract documents (except as otherwise specifically provided).
- 6.2 Contractor shall not be entitled to an increase in the Contract price or an extension of the Contract time with respect to any Work performed that is not required by the Contract documents as amended, modified and supplemented.
- 6.3 County and Contractor shall execute appropriate change orders (or written amendments) covering changes in the Work which are ordered by County, or which may be required because of acceptance of defective Work.
- 6.4 At any time Engineer may request a quotation from Contractor for a proposed change in the Work and within twenty-one (21) calendar days after receipt, Contractor shall submit a written and detailed proposal for an increase or decrease in the Contract price or Contract time for the proposed change. Engineer shall have twenty-one (21) calendar days after receipt of the detailed proposal to respond in writing. The proposal shall include an itemized estimate of all costs and time for performance that will result directly or indirectly from the proposed change. Unless otherwise directed, itemized estimates shall be in sufficient detail to reasonably permit an analysis by Engineer of all material, labor, equipment, subcontracts, overhead costs and fees, and shall cover all Work involved in the change, whether such Work was deleted, added, changed or impacted. Notwithstanding the request for quotation, Contractor shall carry on the Work and maintain the progress schedule. Delays in the submittal of the written and detailed proposal will be considered non-prejudicial.

**ARTICLE 7 - CHANGE OF CONTRACT PRICE**

- 7.1 The Contract price constitutes the total compensation (subject to authorized adjustments) payable to Contractor for performing the Work. All duties, responsibilities and obligations assigned to or undertaken by Contractor shall be at his expense without change in the Contract price.

- 7.2 The Contract price may only be changed by change order or by a written amendment. Any claim for an increase or decrease in the Contract price shall be based on written notice delivered by the party making the claim to the other party. Notice of the amount of the claim with supporting data shall be delivered within ten (10) days from the beginning of such occurrence and shall be accompanied by claimant's written statement that the amount claimed covers all known amounts (direct, indirect and consequential) to which the claimant is entitled as a result of the occurrence of said event.
- 7.3 The value of any Work covered by a change order or of any claim for an increase or decrease in the Contract price shall be determined in one (1) of the following ways (at County's discretion):
- 7.3.1 Where the Work involved is covered by unit prices contained in the Contract documents, cost will be determined by application of such unit prices to the quantities of the items involved.
- 7.3.2 By mutual acceptance of lump sum.
- 7.3.3 On the basis of the cost of the Work, plus a 15% Contractor's fee for overhead and profit. (Contractor shall submit an itemized cost breakdown together with supporting data.)
- 7.4 Either County or Contractor may make a claim for an adjustment in the Contract price. The unit price of an item of unit price Work shall be subject to re-evaluation and adjustment under the following conditions:
- 7.4.1 If the total cost of a particular item of unit price Work amounts to 5% or more of the Contract price and the variation in the quantity of the particular item of unit price Work performed by Contractor differs by more than 15% from the estimated quantity of such item indicated in the Agreement; and
- 7.4.2 If there is no corresponding adjustment with respect to any other item of Work; and
- 7.4.3 If a Contractor believes that it has incurred additional expense as a result thereof; or
- 7.4.4 If County believes that the quantity variation entitles it to an adjustment in the unit price; or
- 7.4.5 If the parties are unable to agree as to the effect of any such variations in the quantity of unit price Work performed.

**ARTICLE 8 - CHANGE OF CONTRACT TIME**

- 8.1 Contract time may only be changed by a change order or a written amendment. Any claim for an extension or shortening of the Contract time shall be based on written notice delivered by the party making the claim to the other party. Notice of the extent of the claim with supporting data shall be delivered within fifteen (15) days from detection or beginning of such occurrence and shall be accompanied by the claimant's written statement that the adjustment claimed is the entire adjustment to which the claimant has reason to believe it is entitled as a result of the occurrence of said event.
- 8.2 The Contract time will be extended in an amount equal to time lost due to delays beyond the control of Contractor. Such delays shall include, but not be limited to, acts or neglect by County or others performing additional work, or to fires, floods, epidemics, abnormal weather conditions or acts of God.
- 8.3 All time limits stated in the Contract documents are of the essence.

**ARTICLE 9 - WARRANTY, TEST/INSPECTION, CORRECTION**

- 9.1 Contractor warrants (for a minimum period of three (3) years or as otherwise stated herein) and guarantees to County that all Work will be in accordance with the Contract documents and will not be defective; that County, representatives of County, governmental agencies with jurisdictional interests will have access to the Work at reasonable time for their observation, inspecting and testing. (Contractor shall give Engineer timely notice of readiness of the work for all required approvals and shall assume full responsibility, including costs, in obtaining required tests, inspections, and approval certifications and/or acceptance, unless otherwise stated by County.)
- 9.2 If any work (including work of others) that is to be inspected, tested, or approved is covered without written concurrence of Engineer, it must, if requested by Engineer, be uncovered for observation. Such uncovering shall be at Contractor's expense unless Contractor has given Engineer timely notice of Contractor's intention to cover the same and Engineer has not acted with reasonable promptness in response to such notice. Neither observations by Engineer nor inspections, tests, or approvals by others shall relieve Contractor from Contractor's obligations to perform the Work in accordance with the Contract documents.
- 9.3 If the Work is defective, or Contractor fails to supply sufficient skilled workers, or suitable materials or equipment, or fails to furnish or perform the Work in such a way that the completed Work will conform to the Contract documents, County may order Contractor to stop the Work, or any portion thereof and terminate payments to the Contractor until the cause for such order has been eliminated.

Contractor shall bear all direct, indirect and consequential costs for satisfactory reconstruction or removal and replacement with non-defective Work, including, but not limited to fees and charges of engineers, architects, attorneys and other professionals and any additional expenses experienced by County due to delays to other Contractors performing additional Work and an appropriate deductive change order shall be issued. Contractor shall further bear the responsibility for maintaining schedule and shall not be entitled to an extension of the Contract time and the recovery of delay damages due to correcting or removing defective Work.

9.3.1 If Contractor fails within seven (7) days after written notice to correct defective Work, or fails to perform the Work in accordance with the Contract documents, or fails to comply with any other provision of the Contract documents, County may correct and remedy any such deficiency. To the extent necessary to complete corrective and remedial action, County may exclude Contractor from all or part of the site, take possession of all or part of the Work, Contractor's tools, construction equipment and machinery at the site or for which County has paid Contractor but which are stored elsewhere. All direct, indirect and costs of County in exercising such rights and remedies will be charged against Contractor in an amount approved as to reasonableness by Engineer and a change order will be issued incorporating the necessary revisions.

9.3.2 If within three (3) years after the date of completion or such longer period of time as may be prescribed by laws or regulations or by the terms of any applicable special guarantee required by the Contract documents, any Work is found to be defective, Contractor shall promptly, without cost to County and in accordance with County's written instructions, either correct such defective Work or if it has been rejected by County, remove it from the site and replace it with non-defective Work. If Contractor does not promptly comply with the terms of such instruction, County may have the defective Work corrected/removed and all direct, indirect and consequential costs of such removal and replacement will be paid by Contractor.

## **ARTICLE 10 - SUSPENSION/TERMINATION OF WORK**

10.1 County may, at any time and without cause, suspend the Work or any portion thereof for a period of not more than ninety (90) days by written notice to Contractor, which will fix the date on which Work will be resumed. Contractor shall be allowed an increase in the Contract price or an extension of the Contract time, or both, directly attributable to any suspension if Contractor makes an approved claim therefore.

10.2 County may terminate the Contract if Contractor commences a voluntary case under any chapter of the Bankruptcy Code or any similar action by filing a petition under any other federal or state law relating to the bankruptcy or insolvency; if a petition is filed against the Contractor under any chapter of the Bankruptcy Code or similar relief under any other federal or state law; if Contractor persistently fails to perform the Work in accordance with the Contract documents; if Contractor disregards laws or regulations of any public body having jurisdiction or the Engineer; or otherwise violates in any substantial way any provisions of the Contract.

10.2.1 County may, after giving Contractor (and the surety, if there is one) seven (7) days written notice and to the extent permitted by laws and regulations, terminate the services of Contractor; exclude Contractor from the site and take possession of the Work and of all Contractor's tools, construction equipment and machinery at the site and use the same to the full extent they could be used (without liability to Contractor for trespass or conversion); incorporate in the Work all materials and equipment stored at the site or for which County has paid Contractor but which are stored elsewhere, and finish the Work as County may deem expedient. In such case, Contractor shall not be entitled to receive any further payment beyond an amount equal to the value of material and equipment not incorporated in the Work, but delivered and suitably stored, less the aggregate of payments previously made. If the direct and indirect costs of completing the Work exceed the unpaid balance of the Contract price, Contractor shall pay the difference to County. Such costs incurred by County shall be verified by County and incorporated in a change order; but in finishing the Work, County shall not be required to obtain the lowest figure for the Work performed. Contractor's obligations to pay the difference between such costs and such unpaid balance shall survive termination of the Agreement.

10.3 If, through no act or fault of Contractor, the Work is suspended for a period of more than ninety (90) days by County or under an order of court or other public authority, or Engineer fails to act on any application or fails to pay Contractor any sum finally determined to be due; then Contractor may, upon seven (7) days written notice to County terminate the Agreement and recover from County payment for all Work executed, any expense sustained plus reasonable termination expenses. In lieu of terminating the Agreement, if Engineer has failed to act on any application of payment or County has failed to make any payment as aforesaid, Contractor may upon seven (7) days written notice to County, stop the Work until payment is made of all amounts then due.



## **ARTICLE 11 - CONTRACT CLAIMS**

- 11.1 The rendering of a decision by Engineer with respect to any such claim, dispute or other matter (except any which have been waived by the making or acceptance of final payment) will be a condition precedent to any exercise by County or Contractor of such right or remedies as either may otherwise have under the Contract documents or by laws or regulations in respect of any such claim, dispute or other matter. No action, either at law or at equity, shall be brought in connection with any such claim, dispute or other matter later than thirty (30) days after the date on which County/Engineer has rendered such written decision in respect thereof. Failure to bring an action within said thirty (30) day period shall result in Engineer's decision being final and binding on the Contractor. In no event may any such action be brought after the time at which instituting such proceedings would be otherwise barred by the applicable statute of limitations.
- 11.2 Before bringing any action in court pertaining to any claim, dispute or other matter in question(s) arising out of or relating to the Contract documents or the breach thereof, or Engineer's final decision, except for claims which have been waived by the making and acceptance of final payment, the Contractor shall first submit written notice(s) of Contract claims to the Purchasing Official for a decision; within the earlier of sixty (60) days after the last date on which the Contractor provided any goods or services required by the Contract or after the date on which the Contractor knew or should have known such a claim existed. The Manatee County Code of Law Section 2-26-63 Contract Claims details the requirements and process for such a claim.

## **ARTICLE 12 - RESIDENT PROJECT REPRESENTATIVE – DUTIES/RESPONSIBILITIES**

- 12.1 Resident Project Representative is Engineer/County's Agent, who will act as directed by and under the supervision of the Engineer, and who will confer with County/Engineer regarding his actions. Resident Project Representative's dealing in matters pertaining to the on-site Work shall, in general, be only with the County/Engineer and Contractor and dealings with subcontractors shall only be through or with the full knowledge of Contractor.
- 12.2 Resident Project Representative will:
- 12.2.1 Review the progress schedule, schedule of shop drawing submissions and schedule of values prepared by Contractor and consult with County/Engineer concerning their acceptability.
  - 12.2.2 Attend preconstruction conferences. Arrange a schedule of progress meetings and other job conferences as required in consultation with County/Engineer and notify those expected to attend in advance. Attend meetings and maintain and circulate copies of minutes thereof.

- 12.2.3 Serve as County/Engineer's liaison with Contractor, working principally through Contractor's superintendent and assist him in understanding the intent of the Contract documents. As requested by County/Engineer, assist in obtaining additional details or information when required at the job site for proper execution of the Work.
- 12.2.4 Receive and record date of receipt of shop drawings and samples, receive samples which are furnished at the site by Contractor and notify County/Engineer of their availability for examination.
- 12.2.5 Advise County/Engineer and Contractor or his superintendent immediately of the commencement of any Work requiring a shop drawing or sample submission if the submission has not been approved by the County/Engineer.
- 12.2.6 Conduct on-site observations of the Work in progress to assist County/Engineer in determining if the Work is proceeding in accordance with the Contract documents and that completed Work will conform to the Contract documents.
- 12.2.7 Report to County/Engineer whenever he believes that any Work is unsatisfactory, faulty or defective or does not conform to the Contract documents, or does not meet the requirements of any inspections, tests or approvals required or if Work has been damaged prior to final payment; and advise County/Engineer when he believes Work should be corrected or rejected or should be uncovered for observation or requires special testing, inspection or approval.
- 12.2.8 Verify that tests, equipment and system start-ups and operating and maintenance instructions are conducted as required by the Contract documents and in the presence of the required personnel, and that Contractor maintains adequate records thereof; observe, record and report to Engineer appropriate details relative to the test procedures and start-ups.
- 12.2.9 Accompany visiting inspectors representing public or other agencies having jurisdiction over the project; record the outcome of these inspections and report to County/Engineer.
- 12.2.10 Transmit to Contractor, County/Engineer's clarifications and interpretations of the Contract documents.
- 12.2.11 Consider and evaluate Contractor's suggestions or modifications in drawings or Contract Documents and report them with recommendations to County/Engineer.

- 12.2.12 Maintain at the job site orderly files for correspondence, reports of job conferences, shop drawings and sample submissions, reproductions of original Contract documents including all addenda, change orders, field orders, additional drawings issued subsequent to the execution of the Contract, County/Engineer's clarifications and interpretations of the Contract documents, progress reports and other project related documents.
- 12.2.13 Keep a diary or log book, recording hours on the job site, weather conditions, data relative to questions of extras or deductions; list of visiting officials and representatives or manufacturers, fabricators, suppliers and distributors; daily activities, decisions, observations in general and specific observations in more detail as in the case of observing test procedures. Send copies to County/Engineer.
- 12.2.14 Record names, addresses and telephone numbers of all Contractors, subcontractors and major suppliers of materials and equipment.
- 12.2.15 Furnish County/Engineer periodic reports as required of progress of the Work and Contractor's compliance with the approved progress schedule and schedule of shop drawing submissions.
- 12.2.16 Consult with County/Engineer in advance of scheduling major tests, inspections or start of important phases of the Work.
- 12.2.17 Report immediately the occurrence of any accident.
- 12.2.18 Review applications for payment with Contractor for compliance with the established procedure for their submission and forward them with recommendations to County/Engineer, noting particularly their relation to the schedule of values, Work completed and materials and equipment delivered at the site, but not incorporated in the Work.
- 12.2.19 During the course of the Work, verify that certificates, maintenance and operations manuals and other data required to be assembled and furnished by Contractor are applicable to the items actually installed, and deliver this material to County/Engineer for his review prior to final acceptance of the Work.
- 12.2.20 Before County/Engineer issues a Certificate of Substantial Completion, submit to Contractor a list of observed items requiring completion or correction.
- 12.2.21 Conduct final inspection in the company of County/Engineer and Contractor and prepare a final list of items to be completed or corrected.

- 12.2.22 Verify that all items on final list have been completed or corrected and make recommendations to County/Engineer concerning acceptance.
- 12.3 Except upon written instructions of County/Engineer, Resident Project Representative.
  - 12.3.1 Shall not authorize any deviation from the Contract documents or approve any substitute materials or equipment;
  - 12.3.2 Shall not exceed limitations on County/Engineer's authority as set forth in the Contract documents;
  - 12.3.3 Shall not undertake any of the responsibilities of Contractor, Subcontractors or Contractor's Superintendent, or expedite the Work;
  - 12.3.4 Shall not advise on or issue directions relative to any aspect of the means, methods, techniques, sequences or procedures of construction unless such is specifically called for in the Contract documents;
  - 12.3.5 Shall not advise on or issue directions as to safety precautions and programs in connection with the Work;
  - 12.3.6 Shall not authorize County to occupy the project in whole or in part; and
  - 12.3.7 Shall not participate in specialized field or laboratory tests.

### **ARTICLE 13 - APPRENTICES**

- 13.1 If Successful Contractor employs apprentices, he shall be governed and comply with the provisions of Florida State Statute 446.011.

NOTE: The form of all submittals, notices, change orders and other documents permitted or required to be used or transmitted under the Contract shall be determined by the County. Standard County forms shall be utilized.

**END OF SECTION**

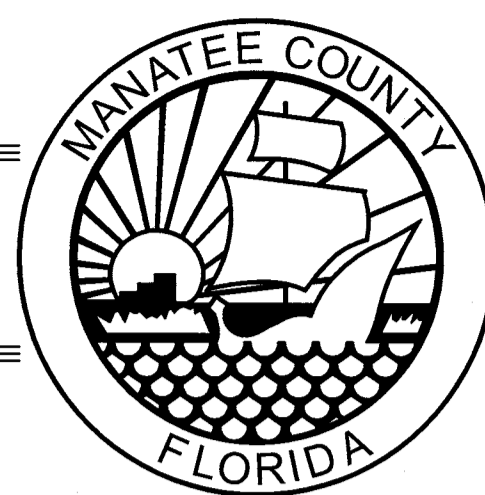
**LABEL TO AFFIX TO OUTSIDE OF SEALED BID PACKAGE**

Cut along the outside border and affix this label to your sealed bid envelope to identify it as a "Sealed Bid". Be sure to include the name of the company submitting the bid where requested.

**LABEL TO AFFIX TO OUTSIDE OF SEALED BID PACKAGE**

**SEALED BID - DO NOT OPEN**

**CONTRACTOR:** \_\_\_\_\_  
**SEALED BID NO:** 12-1811-DS  
**BID TITLE:** Anna Maria Water Line Replacement Phases 24 and 25  
**DUE DATE/TIME:** July 19, 2012 @ 2:00 PM



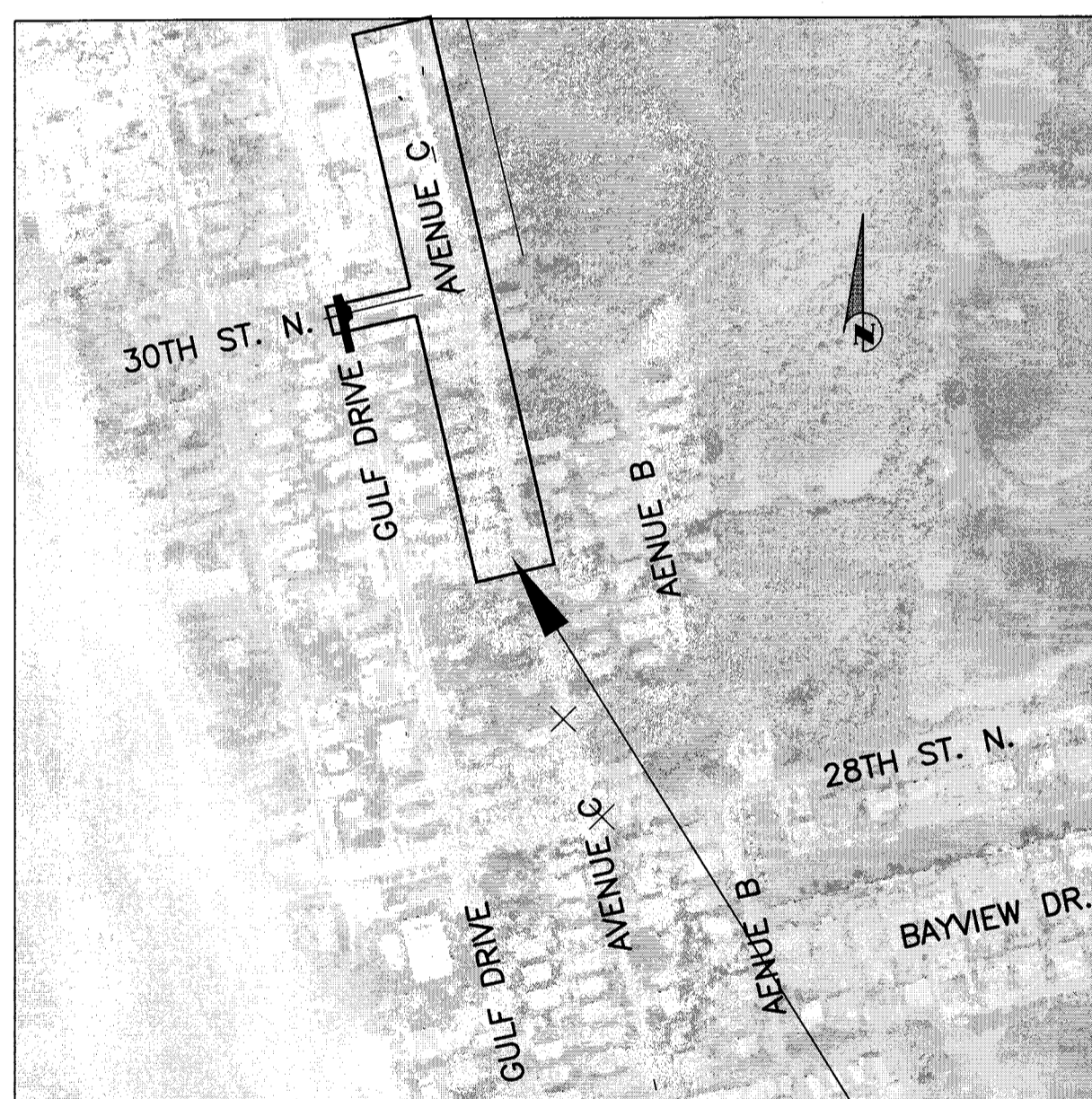
# MANATEE COUNTY, FLORIDA

## ANNA MARIA WATERLINE REHABILITATION

### PHASE 25 - AVENUE C - 29TH TO 31ST ST.

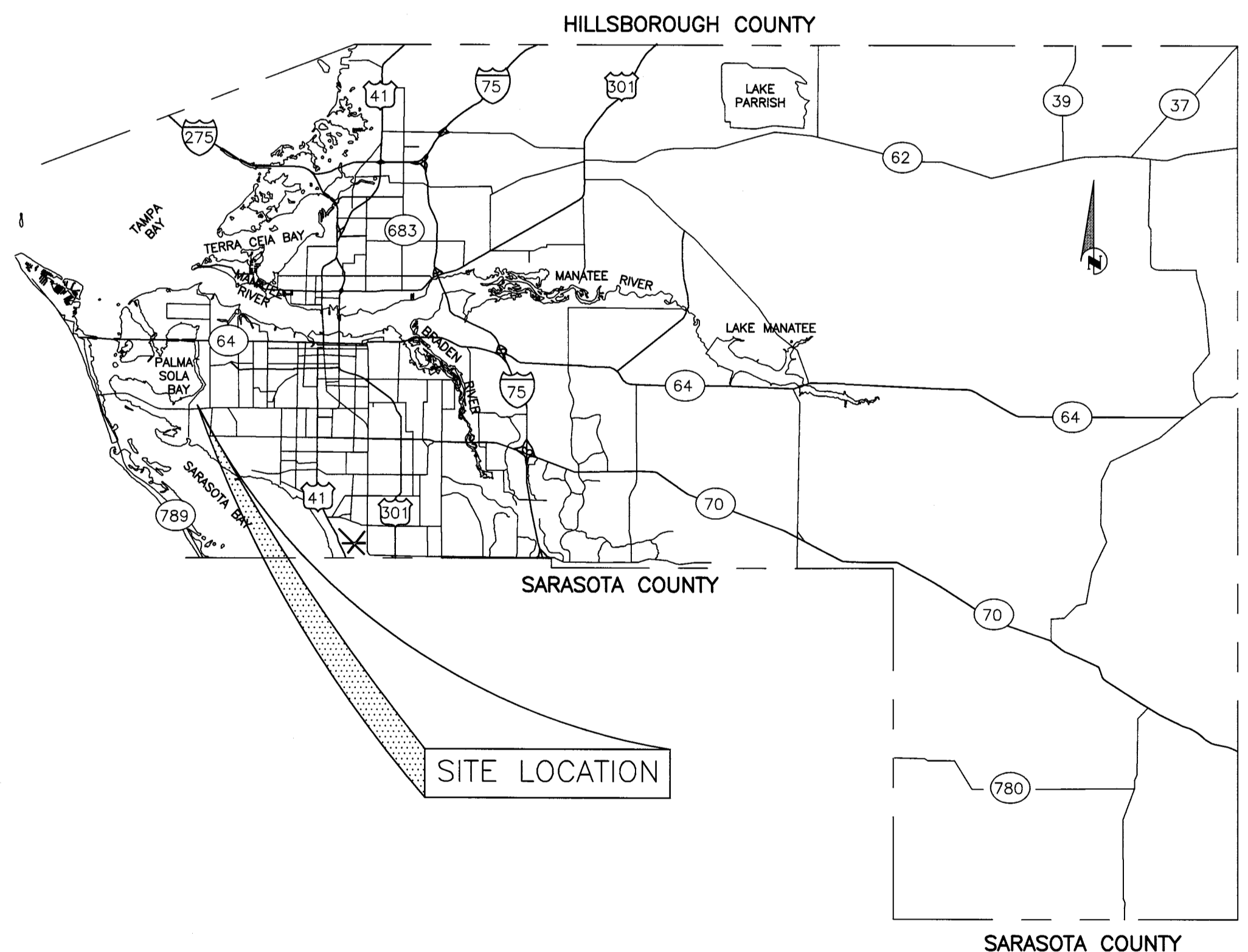
# 404-6002870

OCTOBER 2011



VICINITY MAP  
N.T.S.

PROJECT SITE



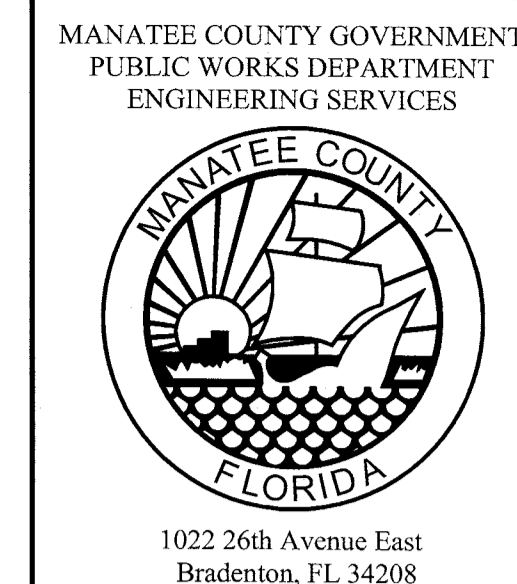
SITE LOCATION

**PROJECT DESCRIPTION**

REPLACE EXISTING 2" WATER LINES ON AVENUE C FROM 29TH STREET NORTH TO 3018 AVENUE C, AND 30TH ST. NORTH FROM GULF DRIVE TO AVENUE C.

NO.	INDEX OF SHEETS
1.	COVER SHEET
2.	GENERAL NOTES & LEGEND
3.-5.	PLAN & PROFILE
6.-8.	DETAILS
9.	EROSION CONTROL

**ANNA MARIA WATERLINE  
REHABILITATION  
PHASE 25 - AVENUE C  
- 29TH TO 31ST ST.  
COVER SHEET**



NO.	REVISION DESCRIPTION	BY	DATE

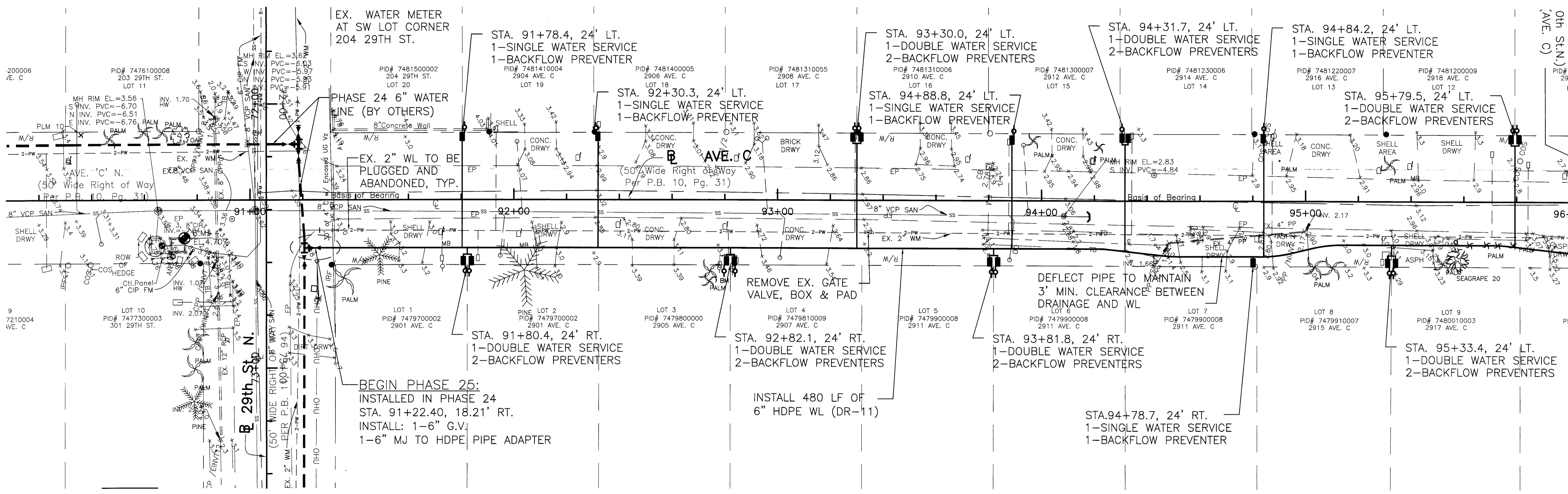
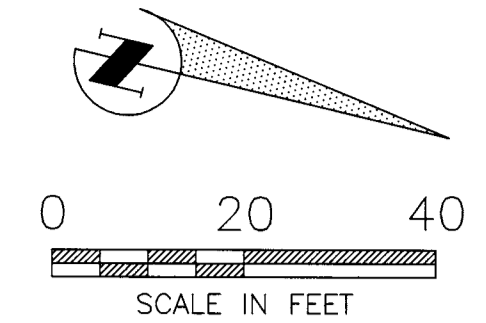
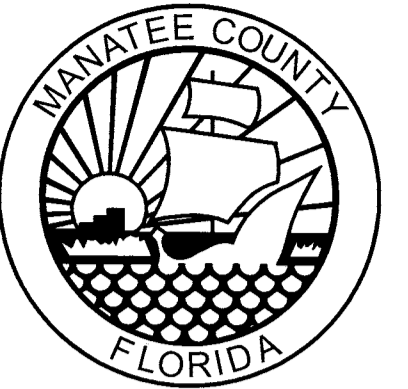
  

PROJECT #	404-6002870
SURVEY #	0-0
SEC./TWN./RGE	33/34S/16E
SCALE	1"=40'
SURVEYED	BY: MCSD DATE: 12/28/10
DESIGNED	CB/JS 01/11/10
DRAWN	CB 01/11/10
CHECKED	JS 01/24/11

JAMES STOCKWELL, P.E.  
67198  
  
 Date

COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT S:\P\RD\_Engineering\_Shara\Util\_Eng\_Design\Proj\WTR\_LINE\_Proj\AM\_Waterline\Phase 25\_Avenue C\Cover\_10/25/2011 7:35 AM Cara Boyer, I.I., D-Arch (24x36)

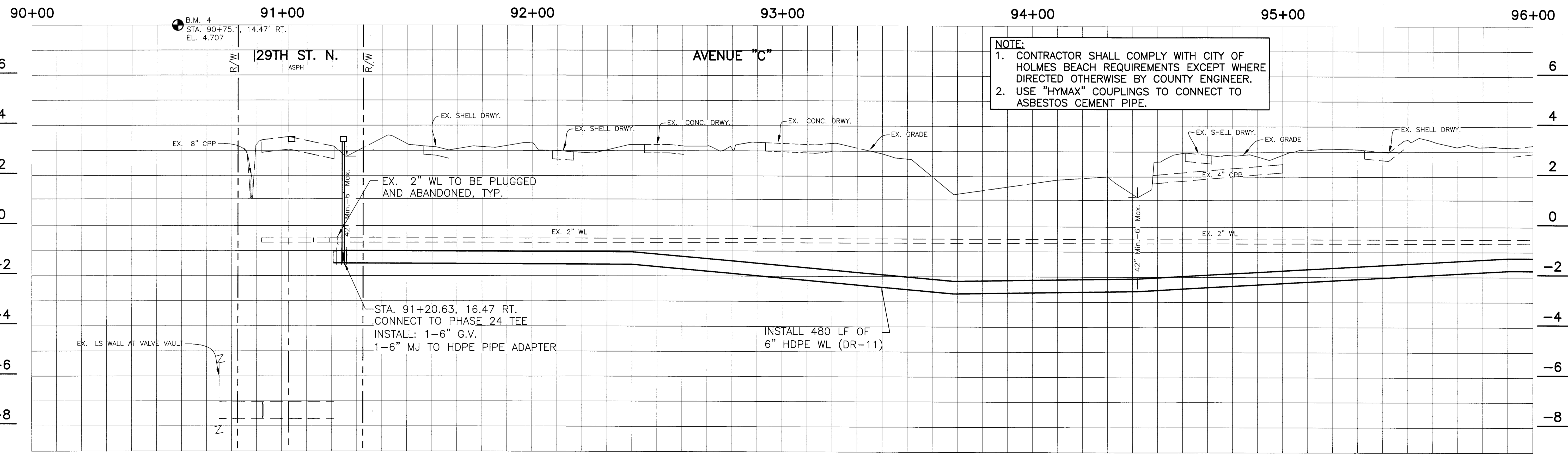




**NOTE:** CONTRACTOR SHALL INSTALL NEW BACKFLOW PREVENTERS AT ALL NEW WATER METERS.

MATCH LINE STA. 96+00

**ANNA MARIA WATERLINE  
REHABILITATION  
PHASE 25 - AVENUE C -  
29TH TO 31ST ST.  
PLAN & PROFILE STA. 92+00.15 TO 96+00**



**NOTE:**  
1. CONTRACTOR SHALL COMPLY WITH CITY OF HOLMES BEACH REQUIREMENTS EXCEPT WHERE DIRECTED OTHERWISE BY COUNTY ENGINEER.  
2. USE "HYMAX" COUPLINGS TO CONNECT TO ASBESTOS CEMENT PIPE.

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	404-6002870
SURVEY #	0-0
SEC./TWN./RGE	33/34S/16E
SCALE	1"=40'
BY	DATE
SURVEYED	MCSD 12/28/10
DESIGNED	CB/JS 01/11/10
DRAWN	CB 01/11/10
CHECKED	JS 01/24/11

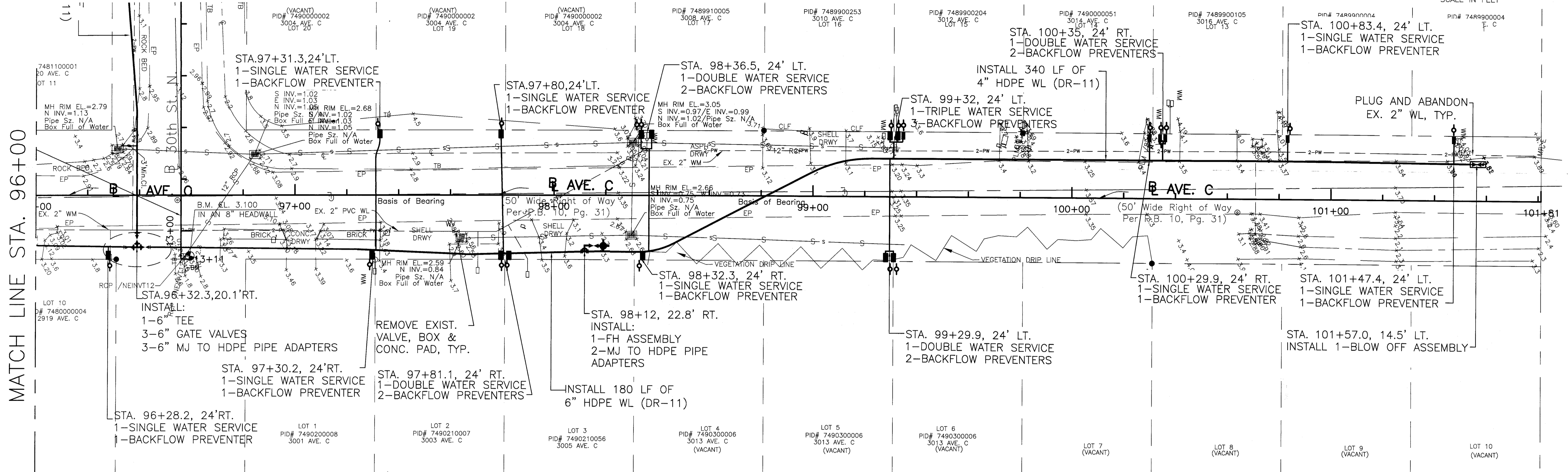
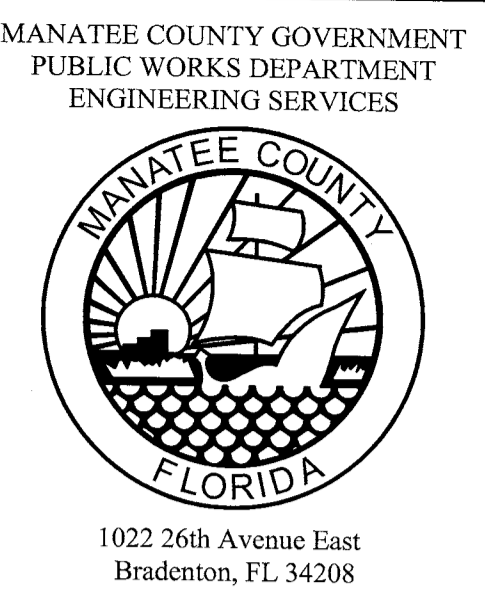
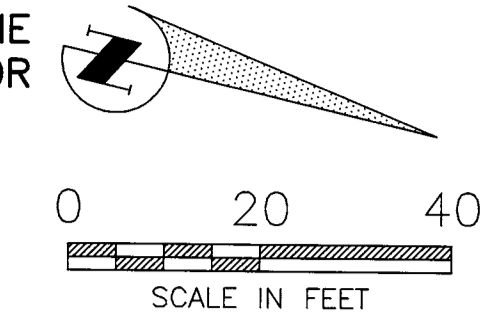
  

JAMES STOCKWELL, P.E.  
FLORIDA REG. # 67198

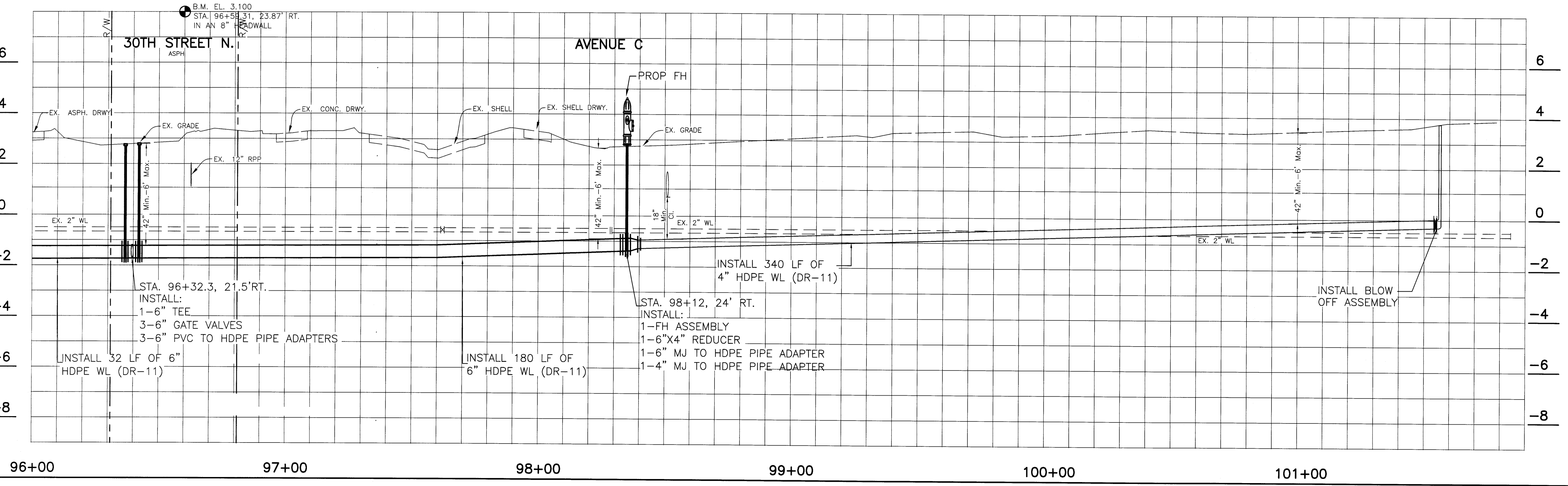
COPYRIGHT 2010, MANATEE COUNTY GOVERNMENT, S:\P\W\Engineering\Shore\UHI Eng Design\Proj\WTR LINE Proj\AMI Water Bdrf.mxd, Ph-25, Ave C DWGS\Phase 25 Active\Wtr Plan & Profile, 10/25/2011, 7:33 AM, Core Boyer, L3, D-Arch (24"x36")



CONTRACTOR SHALL REFER TO SECTION 14 IN THE CURRENT MANATEE COUNTY UTILITY STANDARDS FOR RECORD DRAWING REQUIREMENTS.



NOTE: CONTRACTOR SHALL INSTALL NEW BACKFLOW PREVENTERS AT ALL NEW WATER METERS.



**ANNA MARIA WATERLINE  
 REHABILITATION  
 PHASE 25 - AVENUE C  
 - 29TH TO 31ST ST.  
 PLAN & PROFILE STA. 96+00 TO END**

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	404-6002870
SURVEY #	0-0
SEC./TWN./RGE	33/34S/16E
SCALE	1"=40'
SURVEYED	MCSD 12/28/10
DESIGNED	CB/JS 01/11/10
DRAWN	CB 01/11/10
CHECKED	JS 01/24/11

JAMES STOCKWELL, P.E.  
 FLORIDA PROFESSIONAL ENGINEER  
 No. 67198  
 LICENSE EXPIRES 12/31/13  
 SHEET 4 OF 9

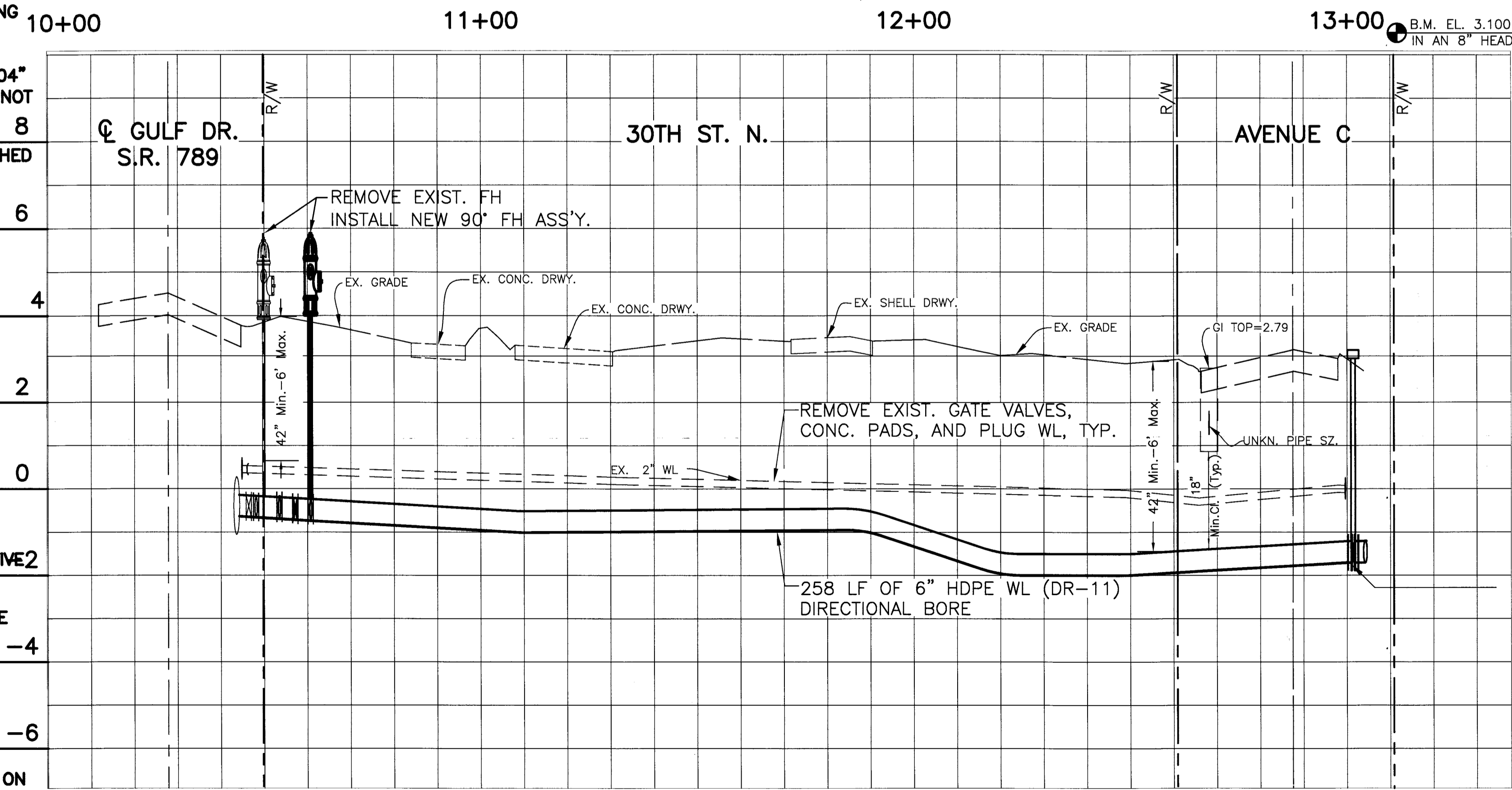
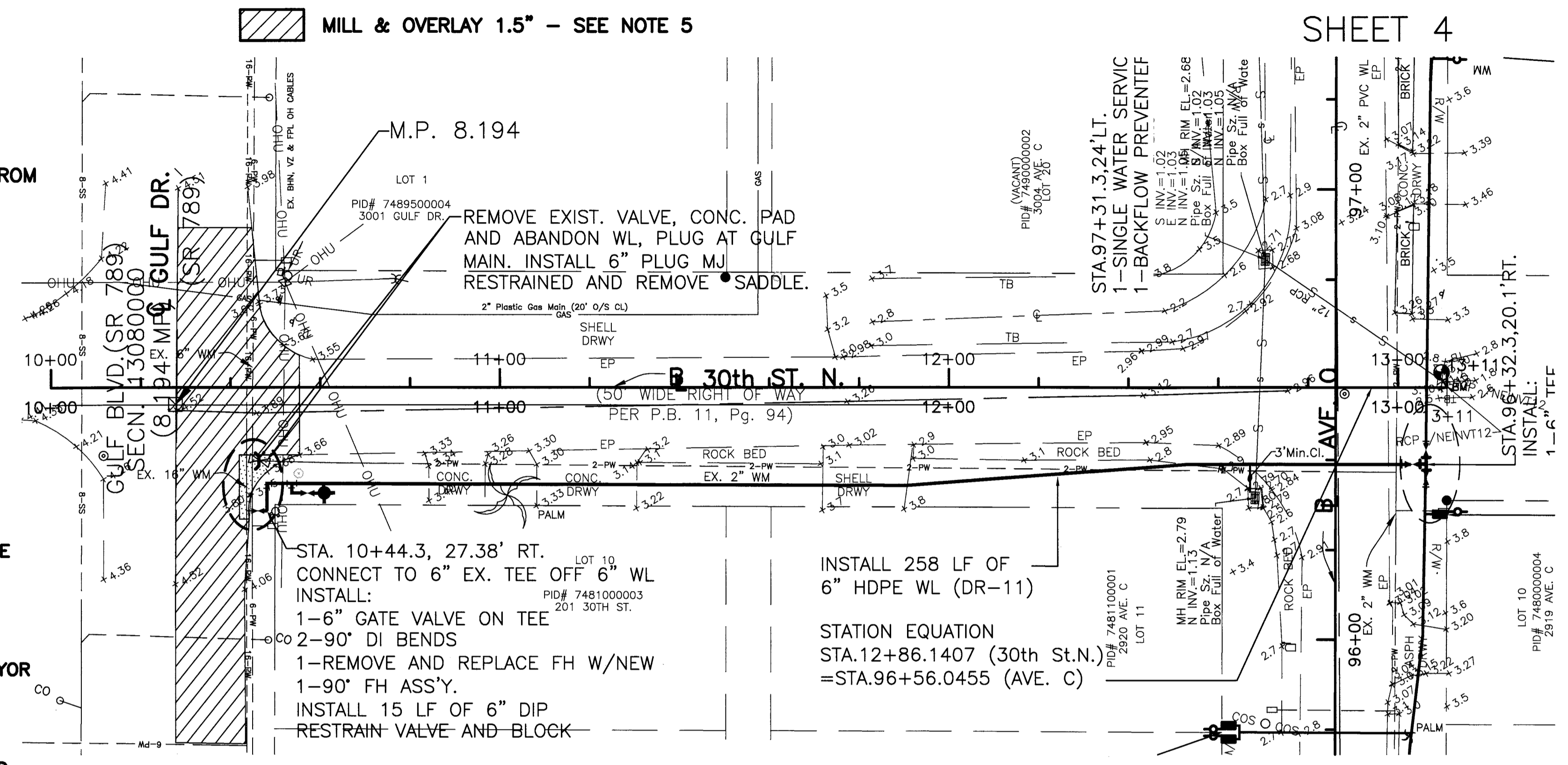
COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT | S:\PWD\_Engineering\_Shares\Utility\_Eng\_Design\Proj\AMM\_Water\Bdr\_Water\Phase 25\_Avenue C\DWG\Phase 25\_Avenue C.dwg | Plot: 1:1, D-Arch (24"x36")

**NOTES:**

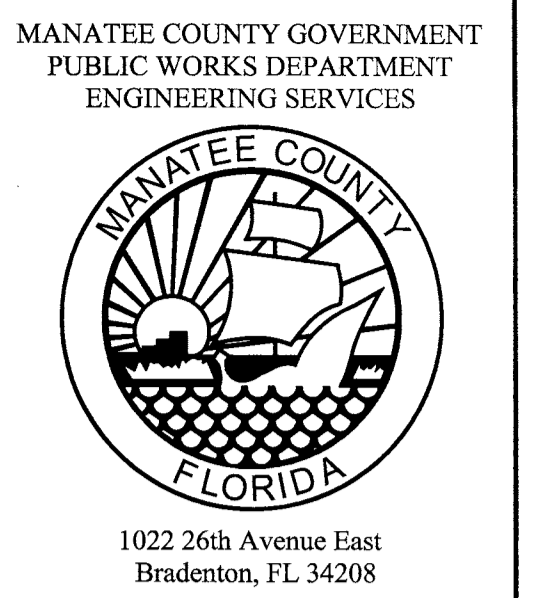
- REFER TO F.D.O.T. UTILITY PERMIT AND F.D.O.T. SPECIFICATIONS FOR DETAILED REQUIREMENTS.
- ALL PAVEMENT AND CONCRETE REPLACEMENT SHALL BE IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION.
- CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL AND DEVICES TO MEET FDOT STANDARDS AND REQUIREMENTS.
- CONTRACTOR SHALL SHUT DOWN EXIST. 16" WATER LINE IN ACCORDANCE WITH MANATEE COUNTY REQUIREMENTS AND COORDINATE ALL WORK WITH COUNTY AND FDOT STAFF. PERFORM WORK ON FDOT RIGHT-OF-WAY AT NIGHT 9:00 PM TO 5:30 AM OR AS REQUIRED BY FDOT.
- PAVEMENT REPAIR INCLUDES:
  - BACKFILL W/ COMPACTED SOIL TO 100% MAX. DENSITY, PER FDOT SPECIFICATIONS.
  - 12" STABILIZED SUB GRADE COMPACTED TO 98% MAX. DENSITY, LBR 40.
  - REPLACE ALL THERMOPLASTIC STRIPING AND MARKINGS.
  - PLACE 11.5" COMPACTED DEPTH OF SP 12.5 STRUCTURAL ASPHALT FOR BASE REPAIR. (TWO 3" PLUS TWO 2" AND ONE, 1.5" LIFT).
  - MILL TO DEPTH OF 1.5 INCHES AND RESURFACE WITH 1.5 INCHES OF FC 12.5 FRICTION COURSE W/ PG7-22 AFTER 30 DAYS OF PLACEMENT OF THE PATCHED AREA. ALL AFFECTED LANES MUST BE MILLED FOR A DISTANCE OF 50 FT. FROM EACH END OF THE PATCHED AREA.

**NOTES:**

- UNLESS NOTED, LOCATIONS LIMITED TO - OBSERVABLE, ABOVE GROUND IMPROVEMENTS, NO UNDERGROUND IMPROVEMENTS HAVE BEEN LOCATED EXCEPT THOSE SHOWN HEREON. SOME FEATURES MAY BE EXAGGERATED FOR CLARITY. DIMENSIONS SHOWN SUPERSEDE SCALED DIMENSIONS.
- THIS SURVEY DOES NOT CERTIFY OR WARRANTY: TITLE, ZONING, EASEMENTS, OR FREEDOM OF ENCUMBRANCES.
- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY AND/OR OWNERSHIP ARE KNOWN BY, OR WERE FURNISHED THIS SURVEYOR EXCEPT AS SHOWN HEREON.
- THIS SURVEY MEETS THE REQUIREMENTS OF CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, AS IT PERTAINS TO TOPOGRAPHIC SURVEYS.
- THIS DRAWING IS NOT VALID WITHOUT THE ORIGINAL RAISED SEAL AND SIGNATURE OF THE FLORIDA REGISTERED SURVEYOR & MAPPER SHOWN HEREON. AN ELECTRONIC COPY OF THIS DRAWING MUST BE VERIFIED WITH A SIGNED AND SEALED DRAWING OF THE SAME.
- ANY ADDITIONS OR DELETIONS TO THIS SKETCH OF SURVEY BY OTHER THAN THE SIGNING PARTY WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY IS PROHIBITED.
- SUBJECT TO EASEMENTS, DEDICATIONS AND RESTRICTIONS OF RECORD NOT PROVIDED TO THE SURVEYOR AND MAPPER.
- THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
- ALL MEASUREMENTS SHOWN HEREON ARE GROUND FIELD MEASURED UNLESS SPECIFICALLY ANNOTATED, NOTED OR OTHERWISE STATED ON THIS SKETCH OF SURVEY.
- THE BASIS OF BEARING FOR THIS SURVEY IS THE SURVEY BASELINE (STATION 80+00 TO STATION 100+00) WHICH BEARS N13°23'19"W (GRID). THE COORDINATES SHOWN HEREON WERE DERIVED USING REAL TIME KINEMATIC METHOD AND THE FLORIDA DEPARTMENT OF TRANSPORTATION'S PERMANENT REFERENCE NETWORK. THE DATUM FOR THE VALUES IS THE NORTH AMERICAN DATUM 1983 (1999 ADJUSTMENT) FLORIDA WEST ZONE. THE PUBLISHED VALUES OF "GIS 103" (PID AG9208) AND "M 104" (PID AG9209) WERE USED TO VALIDATE THE PROJECT COORDINATES, HOWEVER, THESE VALUES ARE NOT TO BE CONSIDERED GEODETIC CONTROL.
- THE ELEVATIONS SHOWN HEREON ARE BASED ON MANATEE COUNTY BENCHMARK 15-29-02, PUBLISHED ELEVATION 3.700', NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD29), AND CHECKED AGAINST BENCHMARK 15-29-01, PUBLISHED ELEVATION 3.284', (NGVD29).  
SITE BENCHMARK #1 - LABELED "BM 6", STATION 82+63.62, 8.38 RT, ELEVATION=3.637'.  
SITE BENCHMARK #2 - LABELED "BM 5", STATION 86+40.91, 9.27 LT, ELEVATION=3.001'.
- PARCEL INFORMATION SHOWN HEREON WAS GATHERED FROM THE MANATEE COUNTY GEOGRAPHIC INFORMATION SYSTEMS PROPERTY LOCATOR WEB SITE.
- ALL CURBING DEPICTED HEREON IS 2' MIAMI CURB UNLESS OTHERWISE NOTED.
- MONUMENTATION AT PROPERTY CORNERS DEPICTED WERE NOT RECOVERED OR SET UNLESS NOTED.
- CARE WAS TAKEN TO CORRECTLY IDENTIFY TYPES OF TREES, HOWEVER, AN ARBORIST OR OTHER QUALIFIED EXPERT SHOULD BE CONSULTED IF THE SPECIES OF THE TREES IS CRITICAL TO DESIGN OR SEEKING PERMISSION TO REMOVE TREES. SIZE OF TREE IS MEASURED DIAMETER AT BREAST HEIGHT, IN INCHES.
- THE 2009 RASTER IMAGE OF MANATEE COUNTY WAS PROVIDED BY MANATEE COUNTY GEOGRAPHIC INFORMATION SYSTEMS DIVISION AND HAS BEEN INCORPORATED INTO THIS SURVEY FOR DEMONSTRATIVE PURPOSES ONLY.
- THE BASELINE IN THE FIELD IS IDENTIFIED BY NAIL AND DISCS MARKED "MAN.CTY BASELINE", AT THE BEGINNING, END, AND EVERY 100 FT. STATION.
- PIPE SIZES THAT ARE NOT NOTED COULD NOT BE DETERMINED DUE TO DEPTH OR PREVENTED BY LIMITED ACCESS FROM TOP OF STRUCTURE.
- THIS SURVEY DOES NOT DETERMINE THE CONNECTION OF SANITARY OR STORM STRUCTURES.
- THIS SURVEY IS INTENDED TO BE PLOTTED AT A SCALE: 1"=20' ON A 22"x34" OR SCALE: 1"=40' ON A 11"x17".



FOR WATER LINE ALONG AVENUE "C" (INCLUDING TEE, GATE VALVES & PIPE ADAPTERS, REFER TO SHEET 4.



**ANNA MARIA WATERLINE REHABILITATION PHASE 25 - AVENUE C - 29TH TO 31ST ST. PLAN & PROFILE STA. 10+45 TO 13+07.5**

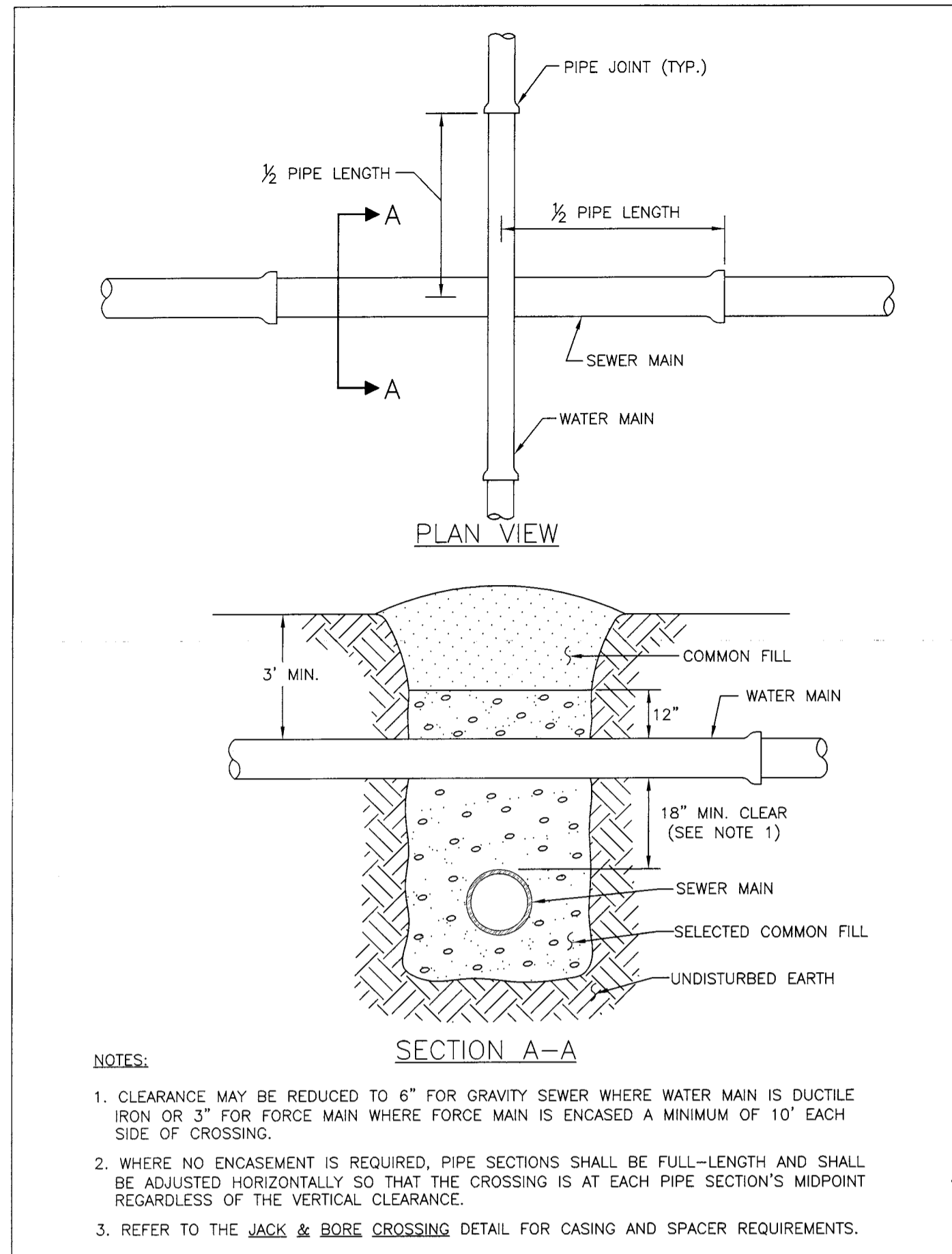
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	404-6002870
SURVEY #	0-0
SEC./TWN./RGE	33/34S/16E
SCALE	1"=40'
BY	DATE
SURVEYED	12/28/10
DESIGNED	01/11/10
DRAWN	01/11/10
CHECKED	01/24/11

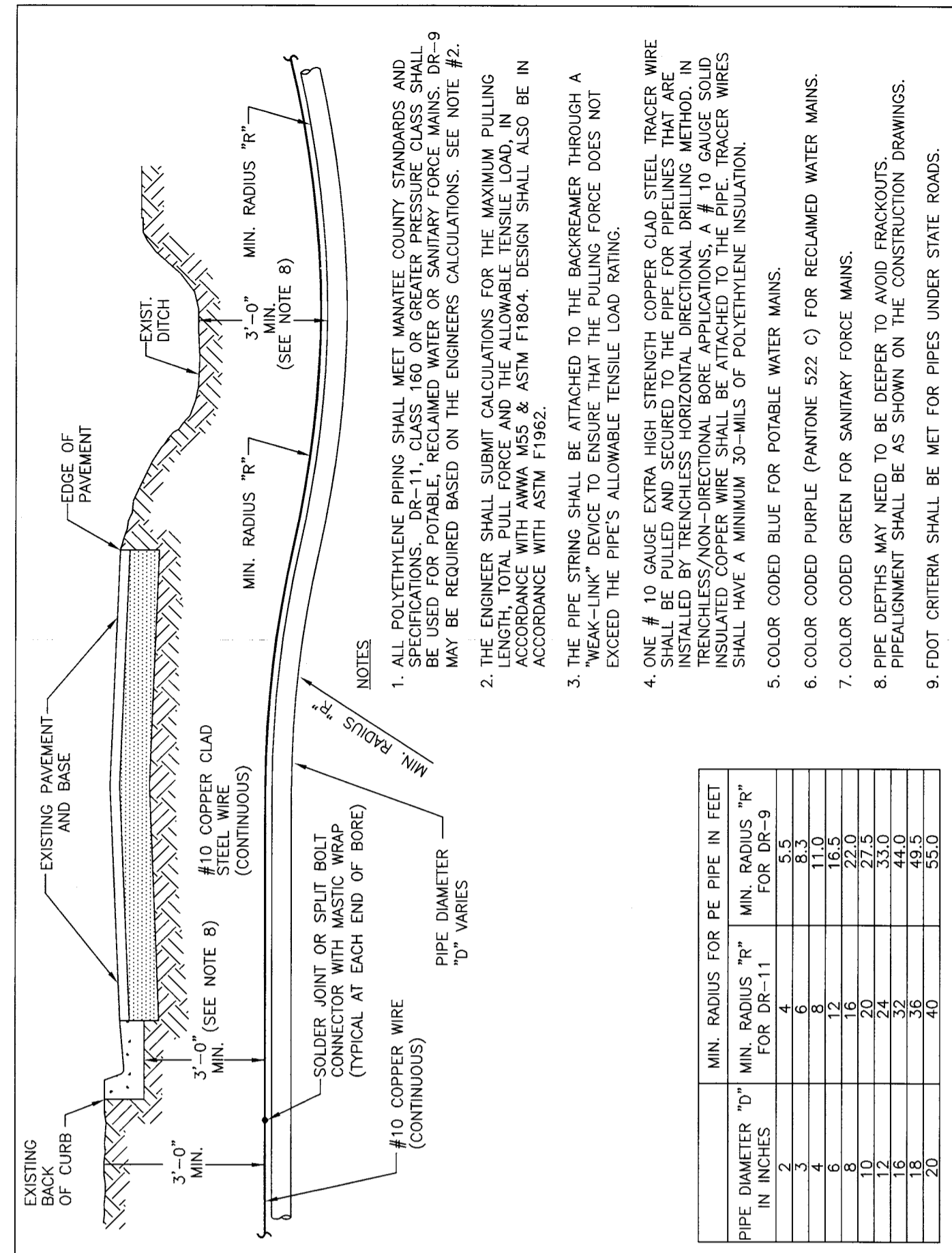
JAMES STOCKWELL, P.E.  
 FLORIDA REGISTERED PROFESSIONAL ENGINEER  
 No. 9122  
 State of Florida  
 Exp. 12/31/11  
 Date

COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT. S:\P\WD\_Engineering\_Survey\URS\_Eng\_Design\Proj\WFL Line\_Proj\WFL Water\_Dist\_Imprc\Phase 25\_Annamaria\Plan & Profile (3) - 1/29/2012 1:36 PM Cora Boyer, 11, Arch D (24x36in)

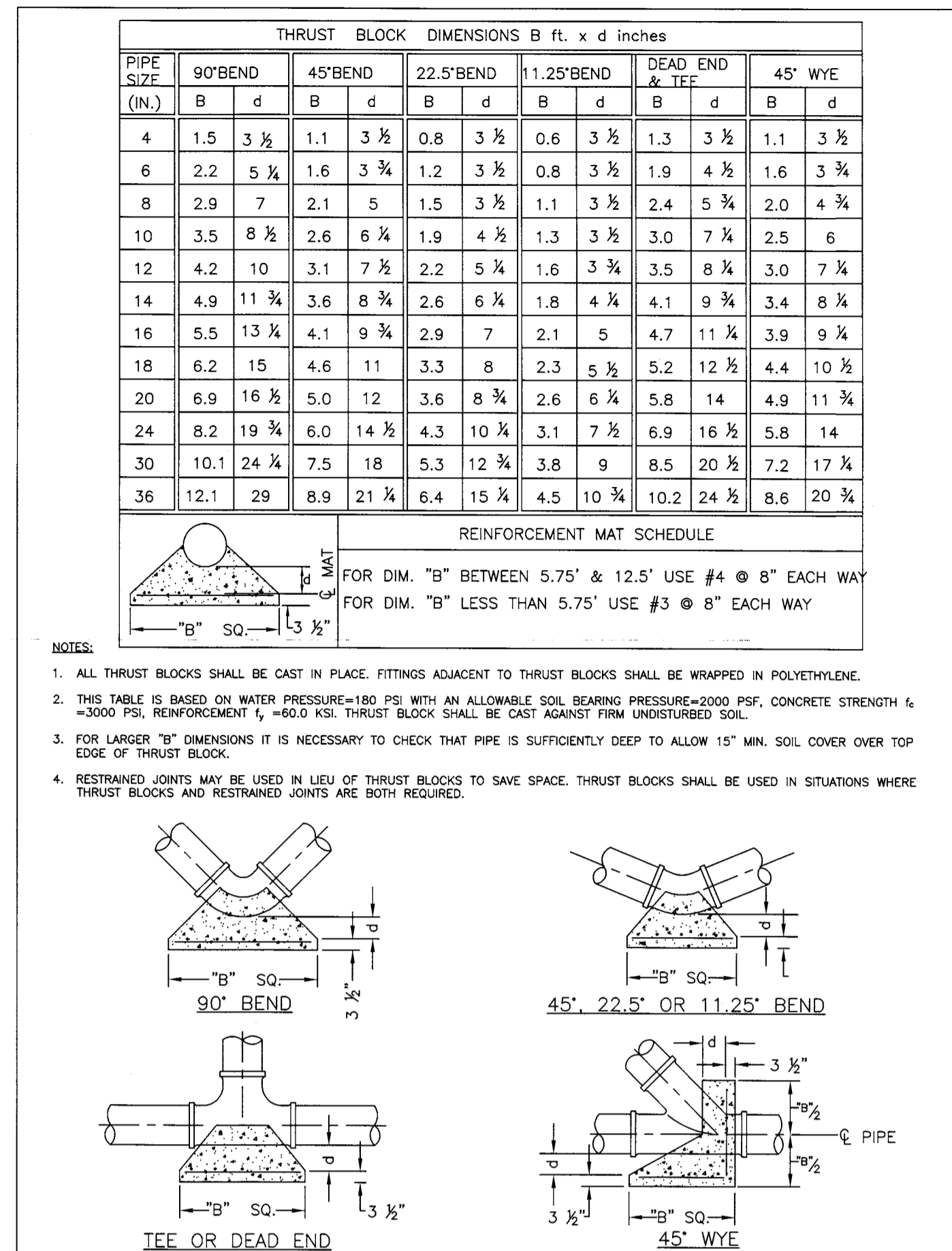
COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT - S:\pwr\Engineering\Share\URI\Eng Design\Proj\11-25-Ave C\DWG\Phase 25 - Active\dwg\Details\_10/25/2011 7:30 AM Core Boyer, L1: D-Arch (24 x 36)



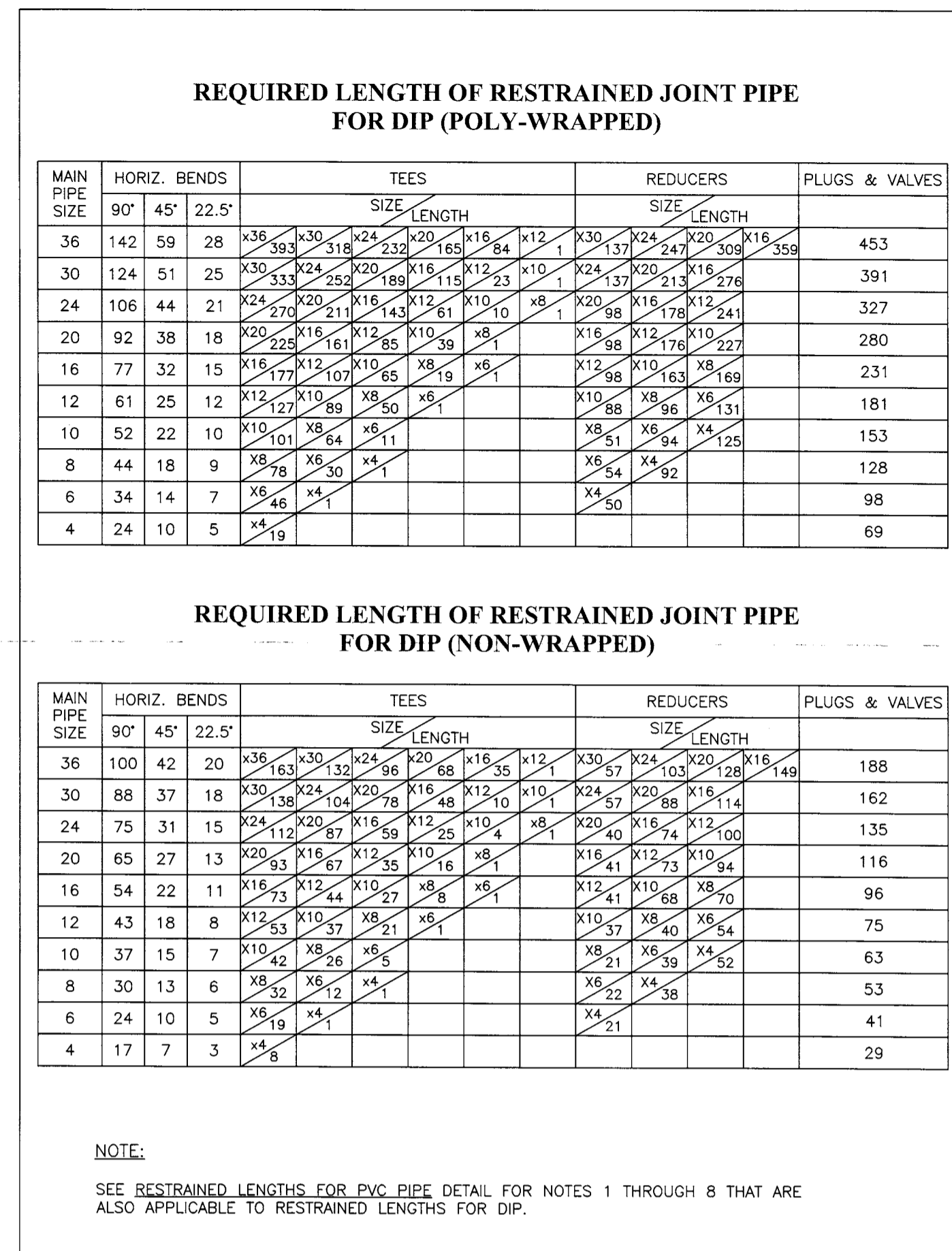
MANATEE COUNTY PUBLIC WORKS DEPARTMENT		TYPICAL NEW WATER & SEWER LINE CROSSING	UG-2
REV. BY CLB/BR	DATE 11/10	MAY 10, 2011 DATE OF APPROVAL	PAGE 102



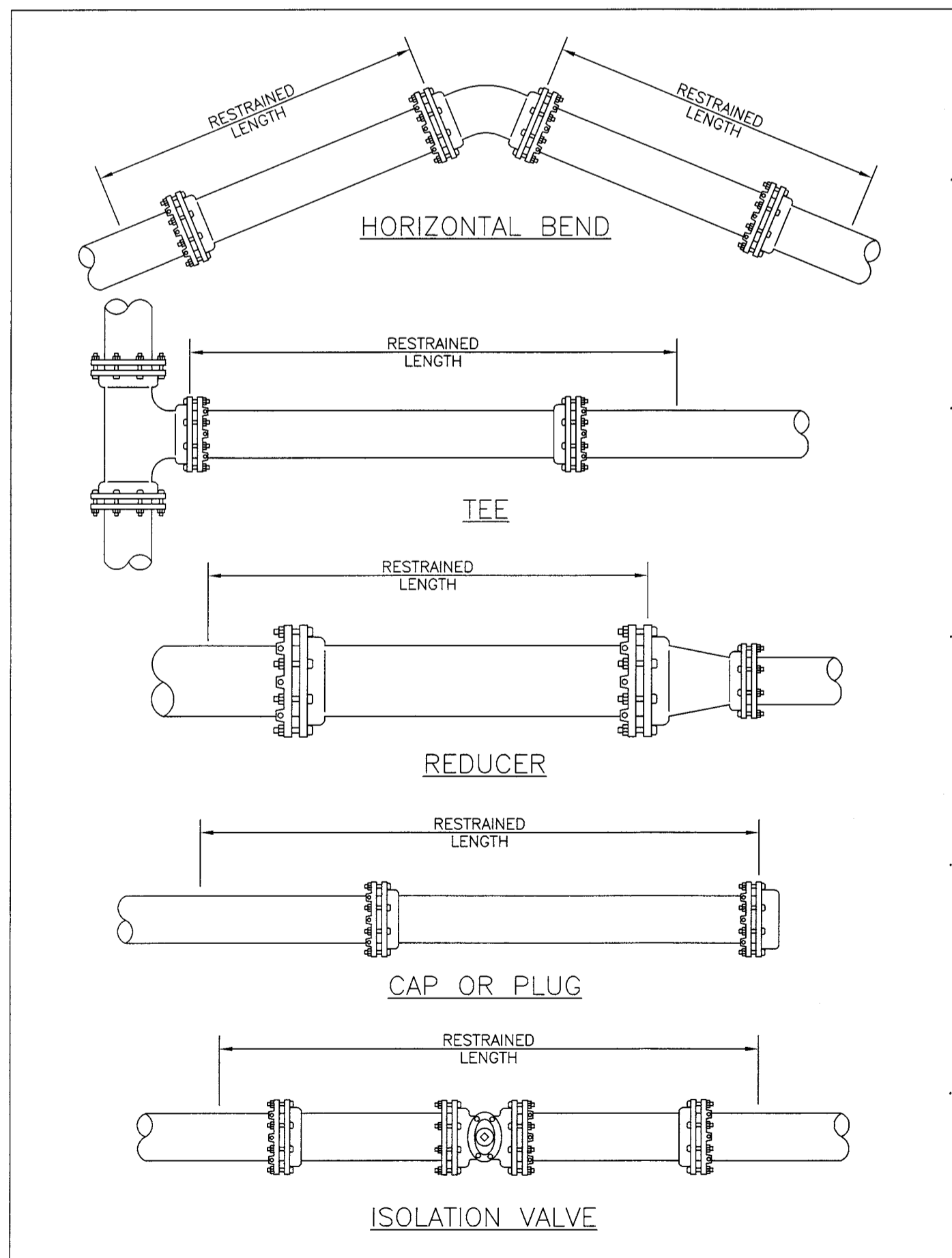
MANATEE COUNTY PUBLIC WORKS DEPARTMENT		DIRECTIONAL BORE ROADWAY CROSSING	UG-4
REV. BY CLB/BR	DATE 11/10	MAY 10, 2011 DATE OF APPROVAL	PAGE 104



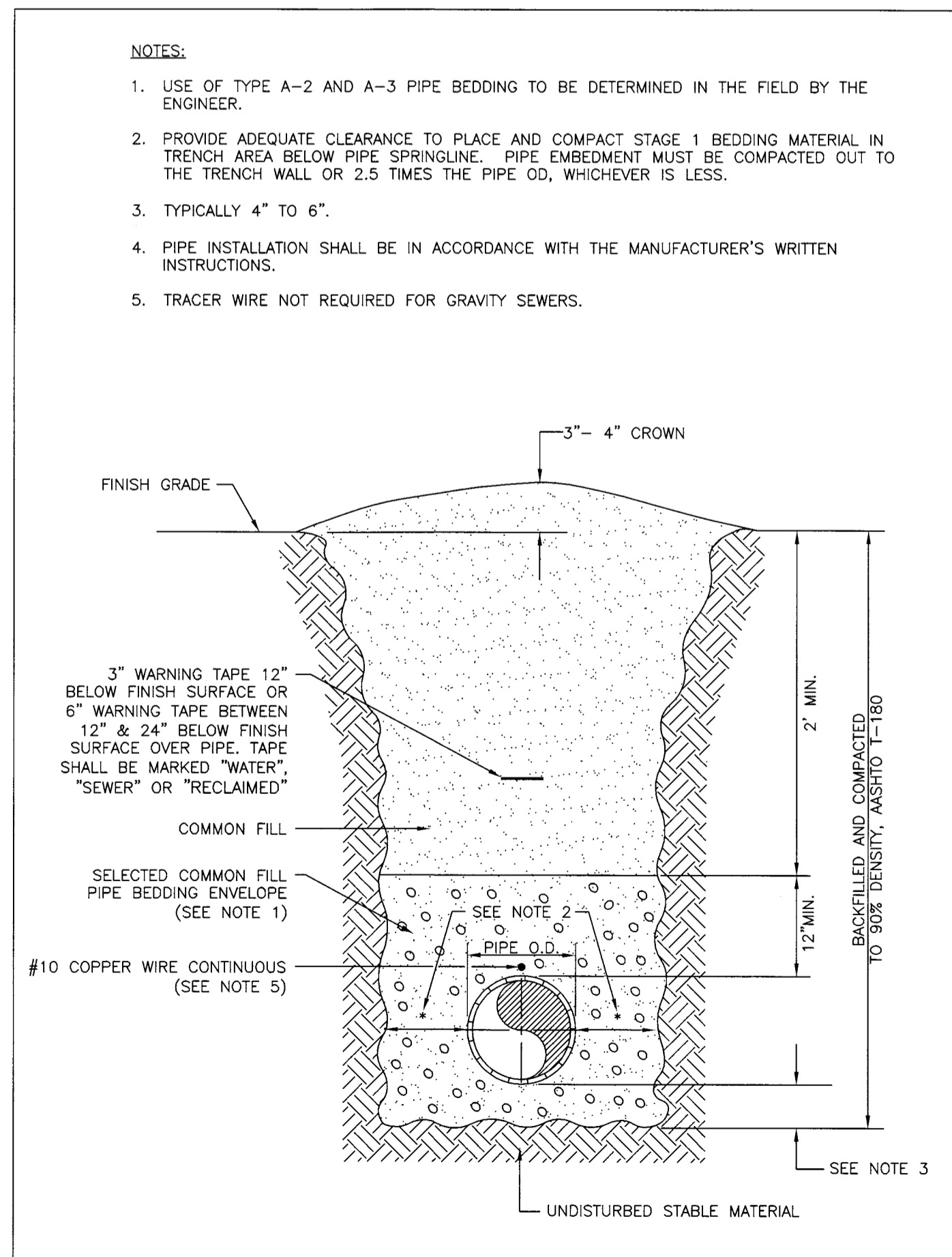
MANATEE COUNTY PUBLIC WORKS DEPARTMENT		CONCRETE THRUST BLOCKS	UG-7
REV. BY CLB/BR	DATE 11/10	MAY 10, 2011 DATE OF APPROVAL	PAGE 107



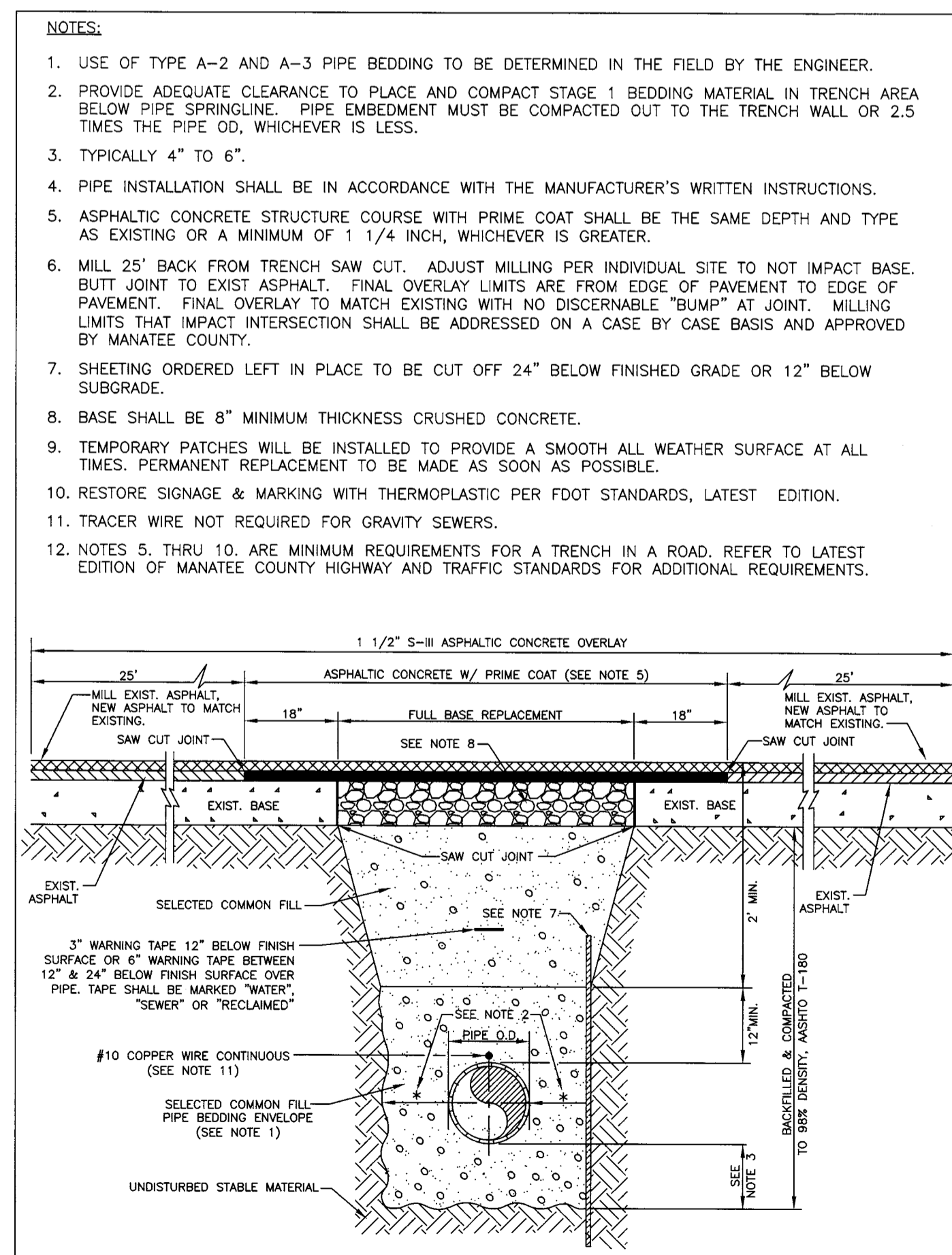
MANATEE COUNTY PUBLIC WORKS DEPARTMENT		RESTRAINED LENGTHS FOR DIP	UG-9
REV. BY CLB/BR	DATE 11/10	MAY 10, 2011 DATE OF APPROVAL	PAGE 109



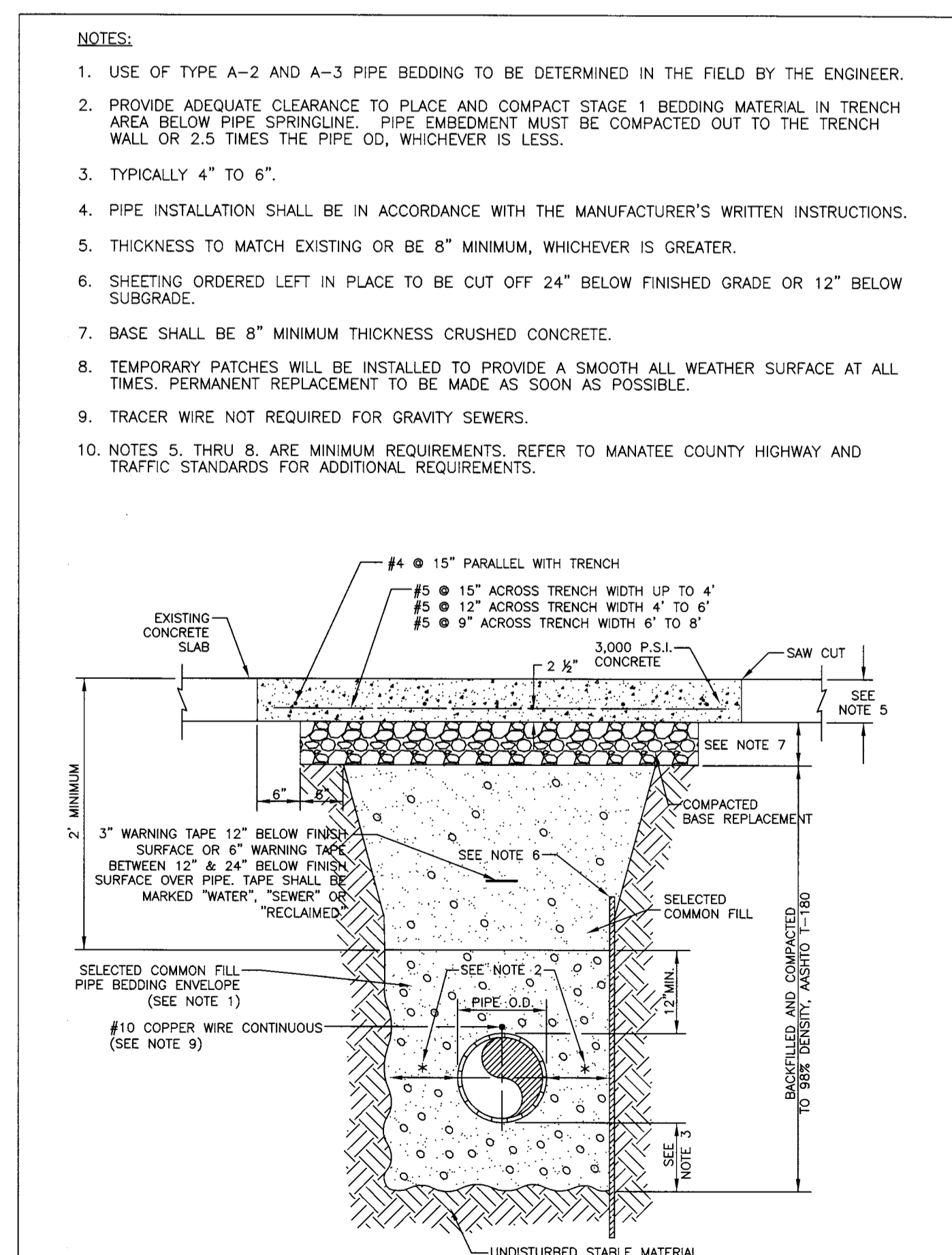
MANATEE COUNTY PUBLIC WORKS DEPARTMENT		RESTRAINED LENGTHS FOR PIPE	UG-10
REV. BY CLB/BR	DATE 11/10	MAY 10, 2011 DATE OF APPROVAL	PAGE 110



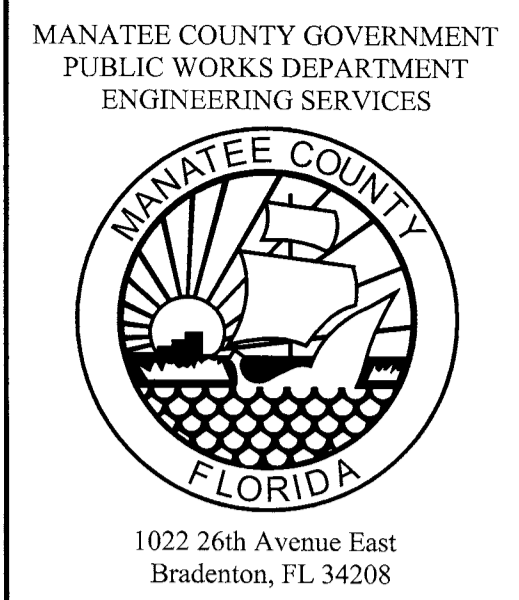
MANATEE COUNTY PUBLIC WORKS DEPARTMENT		TRENCH WITH UNIMPROVED SURFACE TYPE A-1 PIPE BEDDING	UG-11
REV. BY WRT/KE	DATE 03/11	MAY 10, 2011 DATE OF APPROVAL	PAGE 111



MANATEE COUNTY PUBLIC WORKS DEPARTMENT		TRENCH WITH ASPHALT PAVEMENT SURFACE TYPE A-1 PIPE BEDDING	UG-12
REV. BY WRT/KE	DATE 03/11	MAY 10, 2011 DATE OF APPROVAL	PAGE 112



MANATEE COUNTY PUBLIC WORKS DEPARTMENT		TRENCH WITH CONCRETE PAVEMENT SURFACE TYPE A-1 PIPE BEDDING	UG-13
REV. BY CLB/BR	DATE 11/10	MAY 10, 2011 DATE OF APPROVAL	PAGE 113

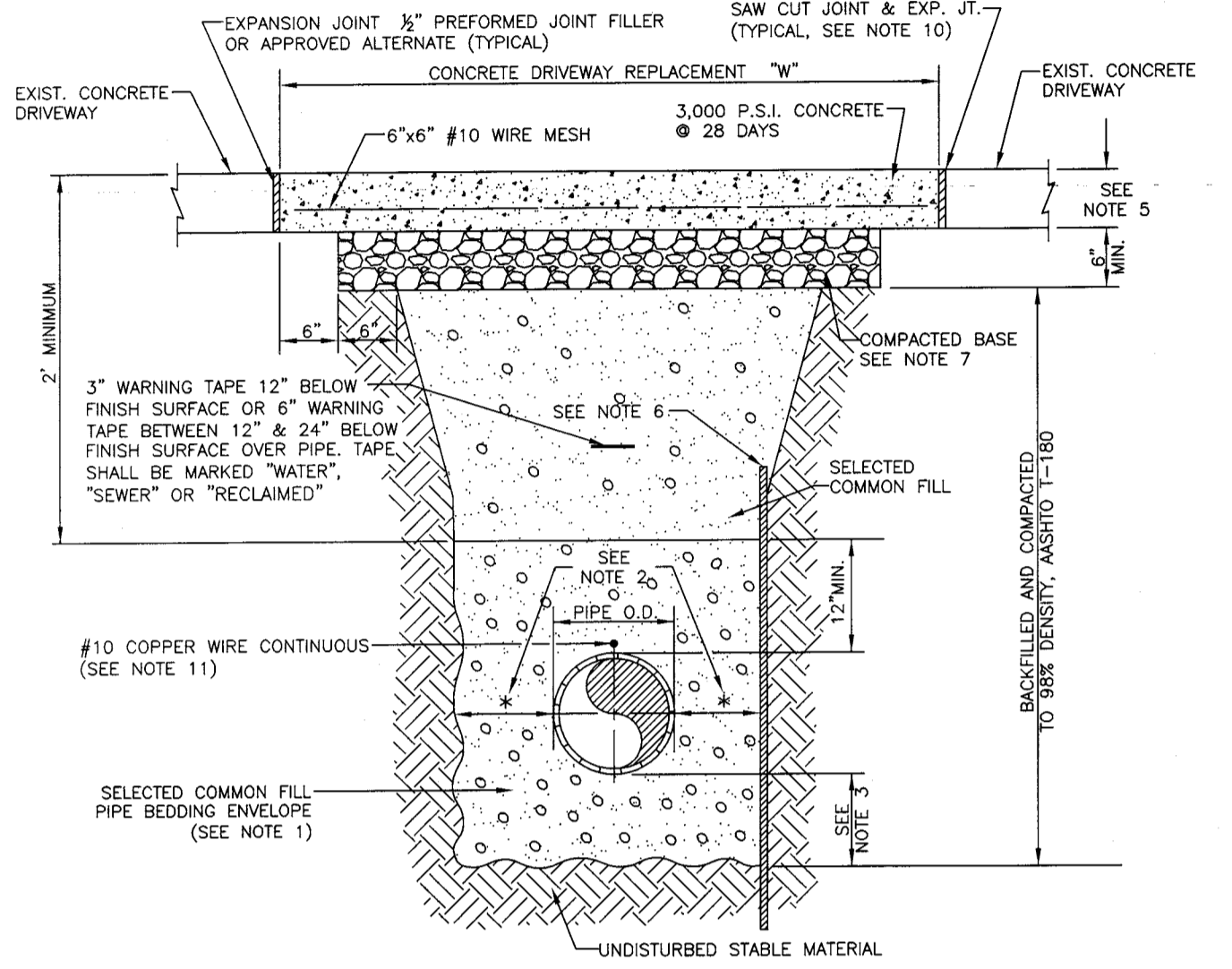


**ANNA MARIA WATERLINE  
REHABILITATION  
PHASE 25 - AVENUE C -  
29TH TO 31ST ST.  
DETAILS**

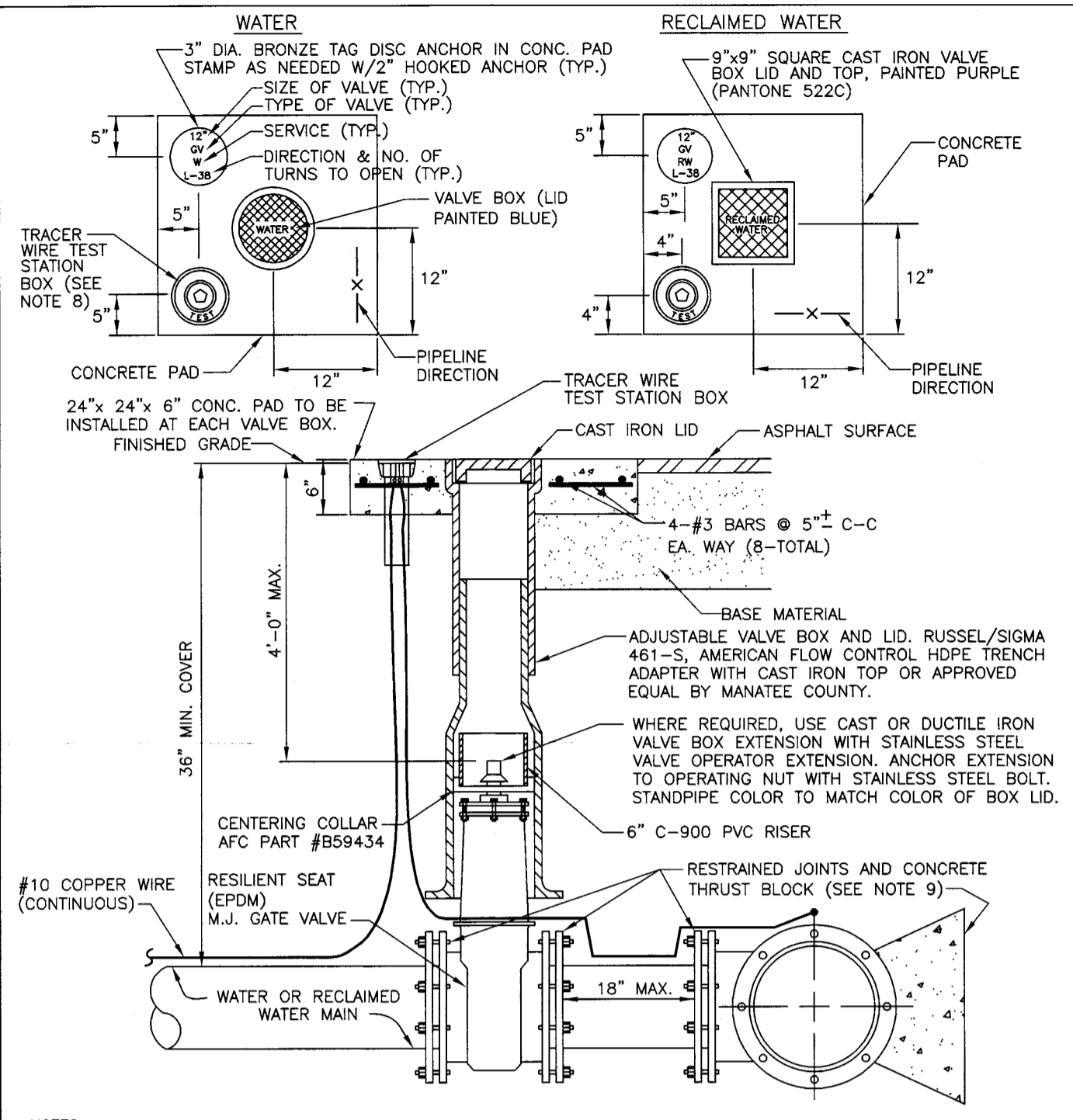
NO.	REVISION DESCRIPTION	DATE
PROJECT #	404-6002870	
SURVEY #	0-0	
SEC./TWN./RGE	33/34S/16E	
SCALE	1"=40'	
BY	DATE	
SURVEYED	MCSJ	12/28/10
DESIGNED	CB/JS	01/11/10
DRAWN	CB	01/11/10
CHECKED	JS	01/24/11
JAMES STOCKWELL, P.E.		
FLORIDA LICENSE # 67198		

**NOTES:**

- USE OF TYPE A-2 AND A-3 PIPE BEDDING TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
- PROVIDE ADEQUATE CLEARANCE TO PLACE AND COMPACT STAGE 1 BEDDING MATERIAL IN TRENCH AREA BELOW PIPE SPRINGLINE. PIPE EMBEDMENT MUST BE COMPACTED OUT TO THE TRENCH WALL OR 2.5 TIMES THE PIPE OD, WHICHEVER IS LESS.
- TYPICALLY 4" TO 6".
- PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- THICKNESS TO MATCH EXISTING OR BE 6" MINIMUM, WHICHEVER IS GREATER.
- SHEETING ORDERED LEFT IN PLACE TO BE CUT OFF 24" BELOW FINISH GRADE OR 12" BELOW SUBGRADE.
- BASE SHALL BE COMPACTED 6" MINIMUM THICKNESS OF APPROVED MATERIAL.
- DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST ADOPTED CONSTRUCTION STANDARDS OF THE MANATEE COUNTY TRANSPORTATION DEPARTMENT.
- IF THE DRIVEWAY IS 12' OR WIDER, SAWCUT AN EXPANSION JOINT ALONG THE CENTER OF THE DRIVEWAY (3/4" WIDE AND 1/2" DEEP) AFTER THE CONCRETE HAS SET.
- IF THERE IS AN EXISTING EXPANSION JOINT WITHIN 3' OF THE PROPOSED JOINT, EXTEND DRIVEWAY REPLACEMENT TO THE EXISTING JOINT.
- TRACER WIRE NOT REQUIRED FOR GRAVITY SEWERS.



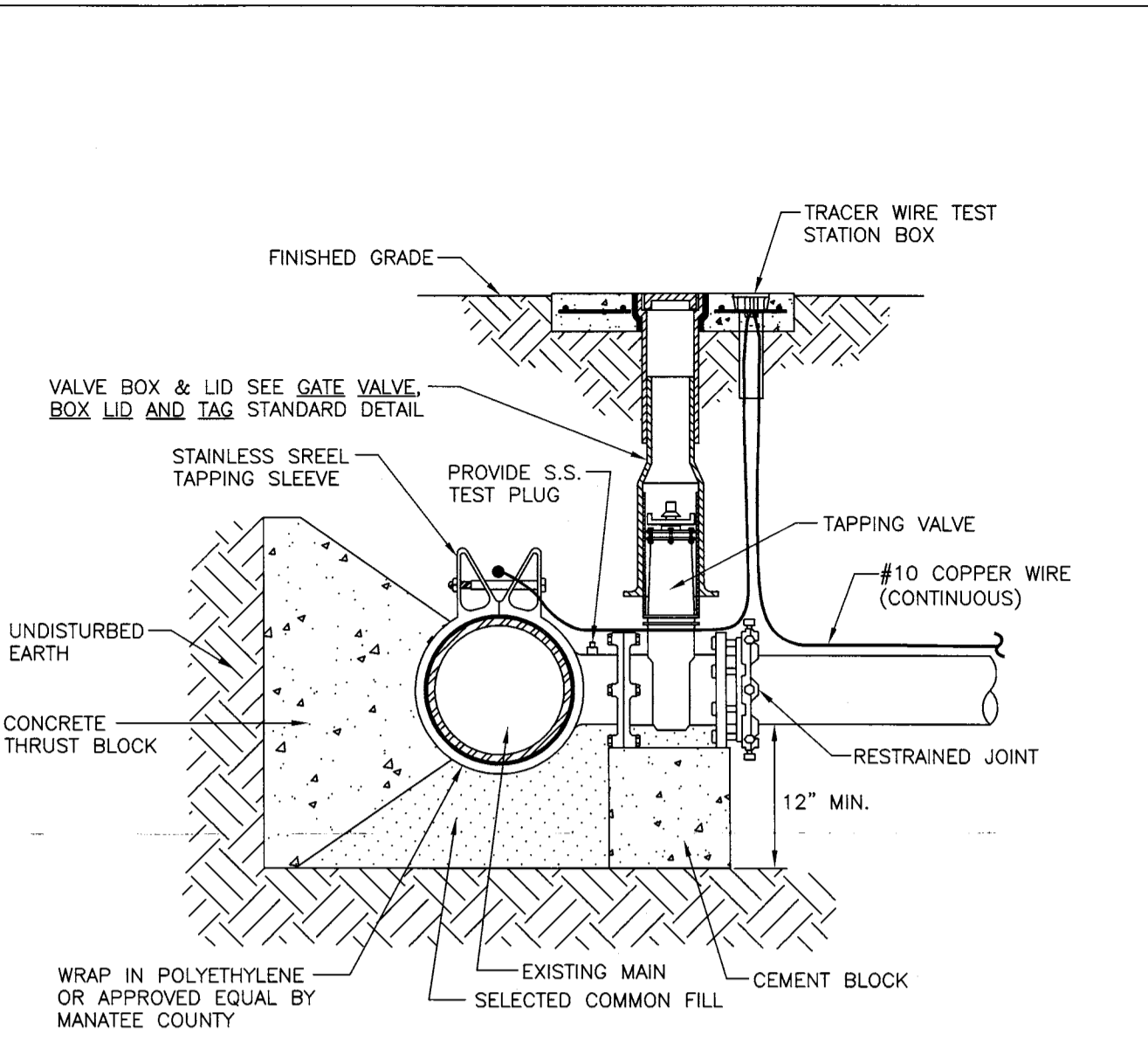
<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		TRENCH WITH CONCRETE DRIVEWAY SURFACE TYPE A-1 PIPE BEDDING	UG-14
REV. BY DATE	DATE OF APPROVAL		PAGE 114
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**NOTES:**

- "W" OR "RW" TO BE IMPRESSED INTO THE NEWLY-POURED CONCRETE CURB, ALONG WITH DISTANCE IN FEET TO THE VALVE. IF NO CURB, INSTALL A BLUE DISC WITH "W" OR PURPLE DISC WITH "RW" AND A 1/8"x1" GALVANIZED STEEL SCREW IN THE EDGE OF PAVEMENT WITH THE FOOTAGE FROM THE DISC TO THE VALVE.
- ALL EXISTING AND PROPOSED VALVE BOXES SHALL BE ADJUSTED TO FINISHED GRADES AS DETERMINED IN THE FIELD.
- WATER VALVES SHALL NOT BE PLACED IN HANDICAPPED RAMPS.
- PRECAST CONCRETE PADS & THRUST BLOCKS SHALL NOT BE USED.
- ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/2".
- FOR VALVES 16" AND LARGER, USE BUTTERFLY VALVES.
- PIPELINE DIRECTION TO BE IMPRESSED INTO NEWLY POURED CONCRETE PAD.
- TRACER WIRE TEST STATION BOX IS NOT REQUIRED IN VALVE BOX PAD IF THE GATE VALVE IS LOCATED WITHIN 200 FEET OF A WATER SERVICE, BLOW-OFF, BACKFLOW PREVENTER OR FIRE HYDRANT THAT HAS A TRACER WIRE BOX.
- WHERE THRUST BLOCK NOT USED, RESTRAINING JOINTS MUST THEN EXTEND FROM TEE FULL LENGTH SPECIFIED FOR TEES.
- BINGHAM & TAYLOR P200PFG FOR NORMAL YARD SERVICE, WHERE VALVE WILL BE IN STREET OR PARKING UNDER VEHICLE TRAFFIC, USE P525RD CENTERED IN SEPARATE CONCRETE PAD SIMILAR TO STANDARD VALVE BOX PAD.

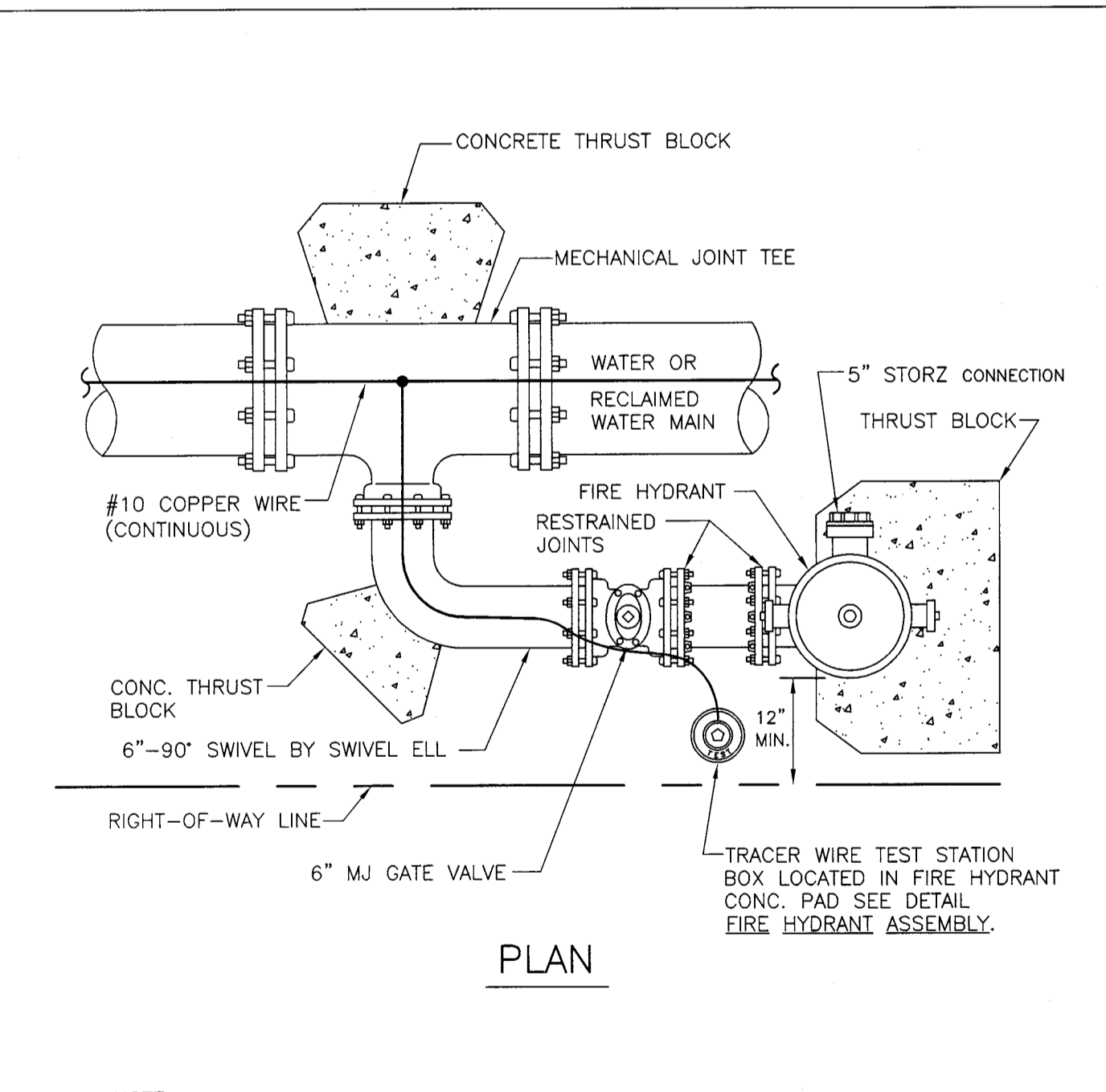
<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		GATE VALVE, BOX, LID AND TAG	UW-2
REV. BY DATE	DATE OF APPROVAL		PAGE 120
CLB/KE 11/10	MAY 10, 2011		



**NOTES:**

- PRIOR TO TAPPING, CONTRACTOR TO DEMONSTRATE 60 MINUTE HYDROSTATIC TEST OF THE TAPPING SLEEVE AND VALVE WITH NO LOSS OF 180 PSI PRESSURE FOR WATER AND RECLAIMED WATER OR 150 PSI FOR FORCE MAIN.
- ALL FITTINGS TO BE WRAPPED WITH 20 MIL VISQUEEN AT THRUST BLOCK.
- ALL TAPS ON CONCRETE WATER MAINS AND LARGER THAN 12" ARE TO BE MADE BY A MANATEE COUNTY APPROVED TAPPING COMPANY. ALL MATERIALS TO BE SUPPLIED BY THE CONTRACTOR.
- ALL TAPS MUST BE OF A SMALLER SIZE THAN THE MAIN BEING TAPPED & PLACED NO CLOSER THAN 30" OR A DISTANCE EQUAL TO (1) MAIN PIPE DIAMETER PLUS (2) TAP PIPE DIAMETERS (WHICHEVER IS GREATER) FROM A JOINT OR FITTING.
- CONTRACTOR TO SUPPLY A DRY HOLE FOR TAPPING CREW TO WORK IN AND A BACK-HOE TO LOWER TAPPING MACHINE INTO THE HOLE.
- WHERE THRUST BLOCK NOT USED, RESTRAINING JOINTS MUST THEN EXTEND FROM TEE FULL LENGTH SPECIFIED FOR TEES.
- TRACER WIRE TEST STATION BOX IS REQUIRED AT CONNECTIONS TO EXISTING MAINS.

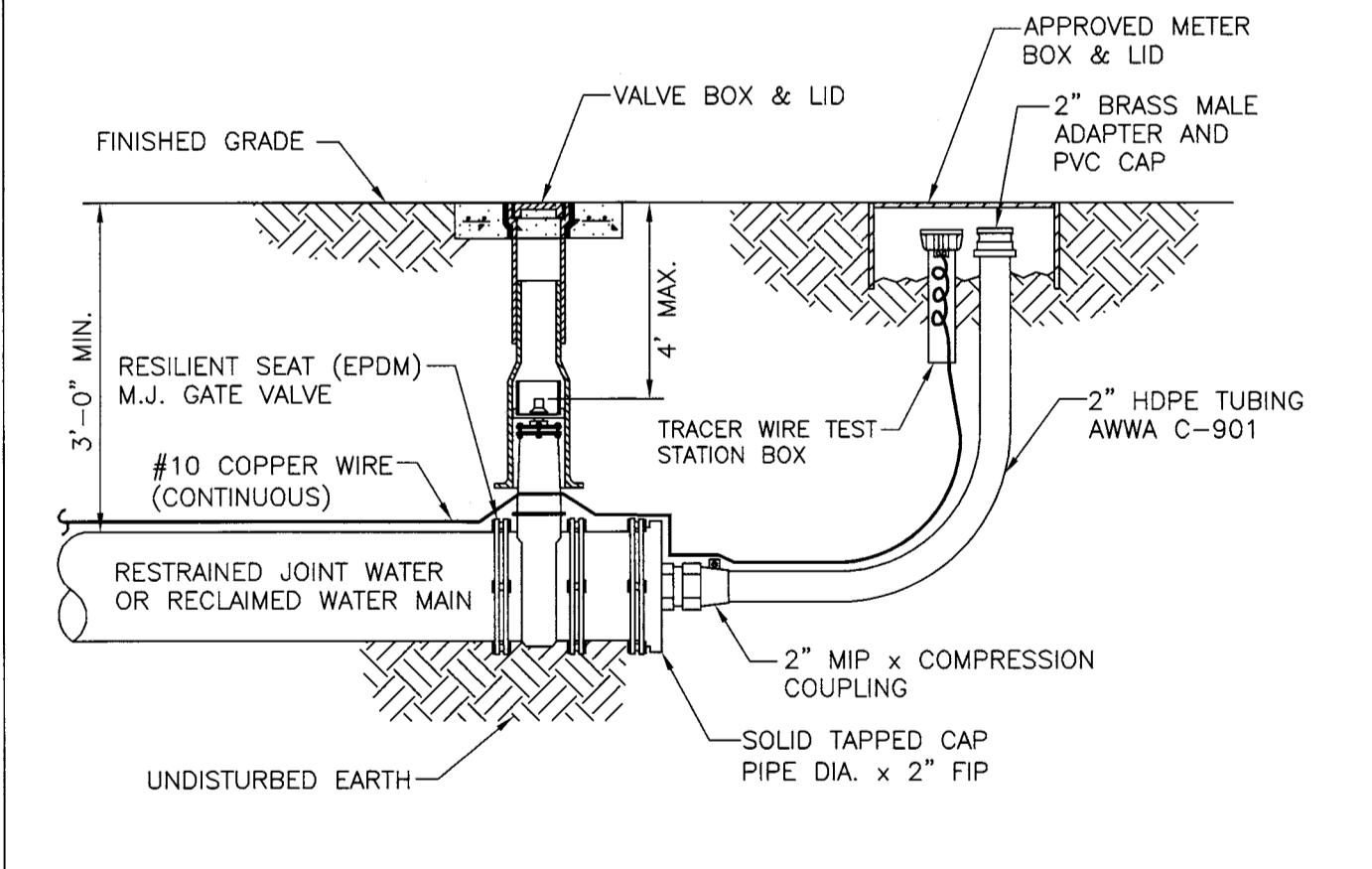
<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		TAPPING SLEEVE AND VALVE	UW-4
REV. BY DATE	DATE OF APPROVAL		PAGE 122
CLB/KE 11/10	MAY 10, 2011		



**NOTE:**

- THIS DETAIL FOR USE ONLY WHEN THE WATER MAIN IS LOCATED TOO CLOSE TO THE RIGHT-OF-WAY LINE TO USE THE FIRE HYDRANT ASSEMBLY DETAIL.
- SEE STANDARD DETAIL GATE VALVE, BOX, LID AND TAG.

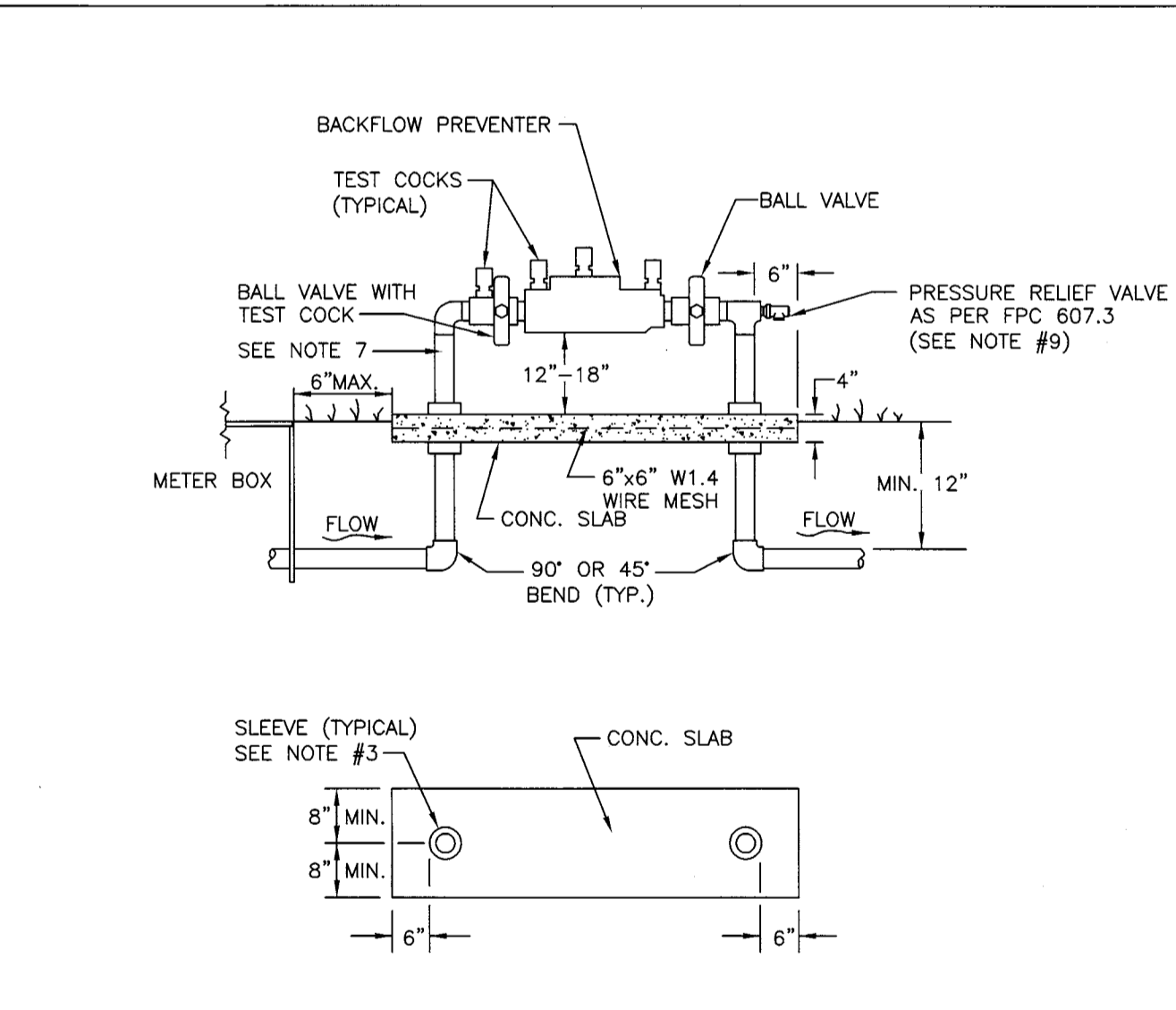
<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		FIRE HYDRANT WITH LOCKED 90° BEND	UW-6
REV. BY DATE	DATE OF APPROVAL		PAGE 124
CLB/BR 11/10	MAY 10, 2011		



**NOTE:**

- SEE STANDARD DETAIL GATE VALVE, BOX, LID AND TAG.

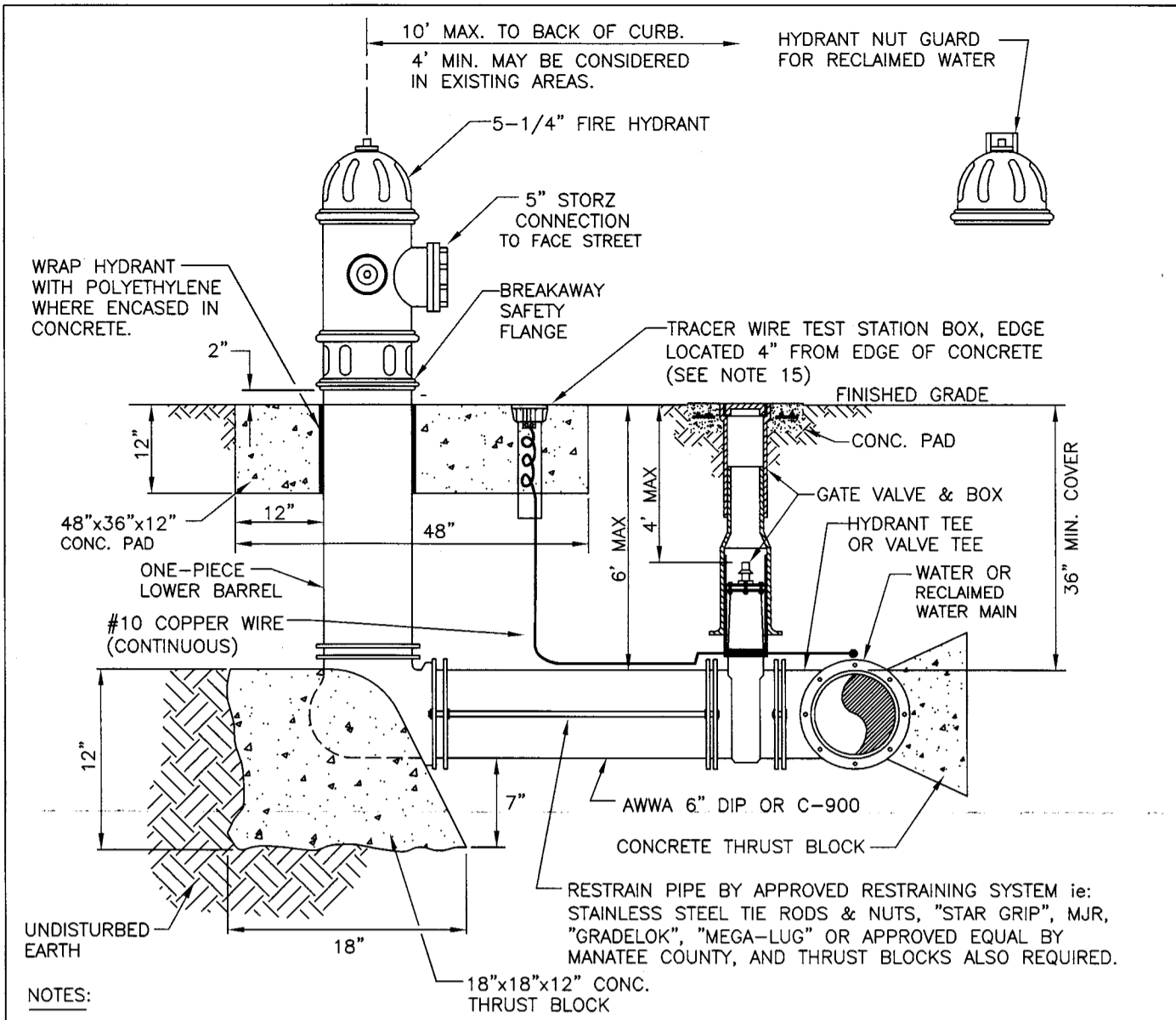
<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		2" BLOW-OFF ASSEMBLY FOR 10" MAINS AND SMALLER	UW-7
REV. BY DATE	DATE OF APPROVAL		PAGE 125
CLB/KE 11/10	MAY 10, 2011		



**NOTES:**

- BACKFLOW DEVICE MUST BE INSTALLED IMMEDIATELY DOWNSTREAM OF METER, AS SHOWN ABOVE
- COPPER PIPE TYPE "K" OR BRASS PIPE MINIMUM SCHEDULE 40 SHALL BE USED TO A MINIMUM DEPTH OF 12" BELOW GRADE.
- PIPES PASSING THROUGH OR ENCASED IN CONCRETE MUST BE PROPERLY PROTECTED AND SLEEVED.
- THE SYSTEM MUST MEET ALL REQUIREMENTS OF THE FLORIDA PLUMBING CODE (LATEST EDITION) AND THE MANATEE COUNTY BACKFLOW PREVENTION ORDINANCE (LATEST EDITION).
- ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/2".
- BACKFLOW PREVENTER SHALL BE TESTED AT THE TIME OF INSTALLATION.
- PRESSURE REDUCING VALVE REQUIRED UPSTREAM OF BACKFLOW IF SYSTEM PRESSURE EXCEEDS 80 PSI.
- 3" MINIMUM CLEARANCE FROM LANDSCAPING PLANTS TO EDGE OF CONCRETE SLAB AND CLEAR OPENING FOR ACCESS FROM STREET.
- IN ADDITION TO THE PRV, THE BUILDING DEPT. MAY REQUIRE AN APPROVED DEVICE FOR THERMAL EXPANSION CONTROL.
- REFER TO DETAIL WATER METER & BACKFLOW PREVENTER FOR LIET STATIONS FOR WATER SERVICE AT SEWAGE PUMPING STATION.

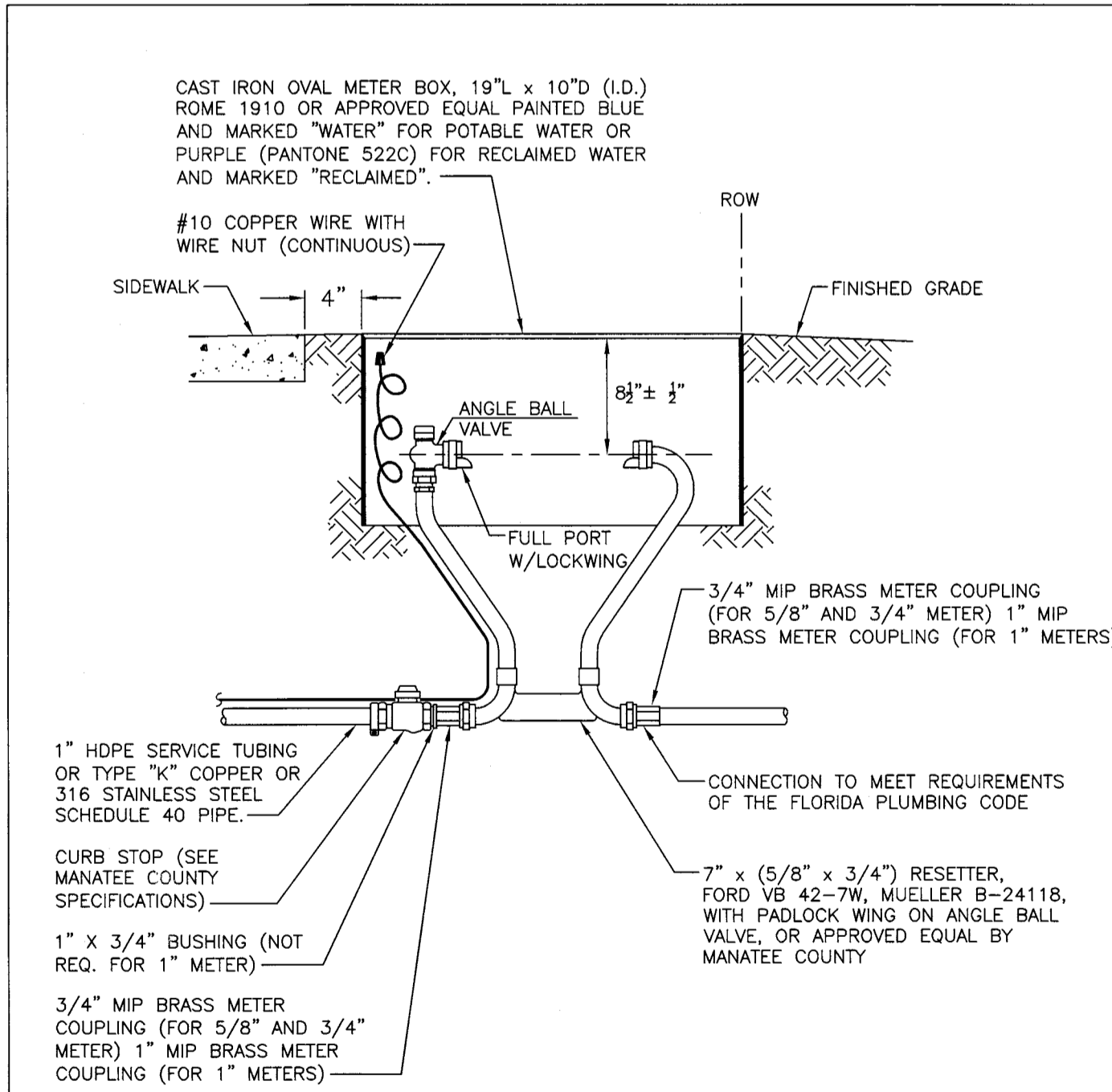
<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		3/4" & 1" BACKFLOW PREVENTER	UW-12
REV. BY DATE	DATE OF APPROVAL		PAGE 130
CLB/BR 11/10	MAY 10, 2011		



**NOTES:**

- WEEPHOLES SHALL BE EXCLUDED FROM THE FIRE HYDRANT.
- FIRE HYDRANTS SHALL BE A MINIMUM OF 6" OFF EDGE OF PAVEMENT AND 10' MAX. FROM BACK OF CURB. WHERE POSSIBLE AND WHERE SIDEWALK IS TO BE INSTALLED, FIRE HYDRANT SHALL BE LOCATED BETWEEN SIDEWALK AND RIGHT-OF-WAY LINE.
- HYDRANTS SHALL BE FUSION BONDED EPOXY COATED SAFETY YELLOW FOR WATER AND PURPLE (PANTONE 522C) FOR RECLAIMED WATER. HYDRANT SHALL BE DUCTILE IRON CONSTRUCTION.
- FIRE HYDRANTS SHALL BE PLACED SO THAT STORM WATER FLOWS AWAY FROM THE HYDRANT.
- FIRE HYDRANTS SHALL BE CONSTRUCTED WITH "GROUND LINE" SET TO FINISHED GRADES AS ESTABLISHED IN THE FIELD. NORMAL BURY IS 3 FEET OF COVER FOR ALL WATER LINES.
- FIRE HYDRANTS MAY BE CONSTRUCTED WITH "GRADELOK" OFFSET FITTING.
- RAISED REFLECTIVE PAVEMENT MARKER (BLUE) FOR POTABLE WATER (PURPLE) FOR RECLAIMED WATER. SHALL BE INSTALLED AT CENTERLINE OF PAVEMENT ADJACENT TO EACH HYDRANT.
- PRECAST CONCRETE THRUST BLOCKS & PADS SHALL NOT BE USED.
- ALL EXPOSED EDGES OF CONCRETE SHALL HAVE 1/2" CHAMFER.
- FIRE HYDRANT VALVE SHALL BE FASTENED DIRECTLY TO TEE.
- IN-LINE VALVES SHOULD BE LOCATED AT HYDRANT TEES.
- HYDRANTS SHALL BE LOCATED ON SAME SIDE OF ROAD AS WATER MAIN UNLESS OTHERWISE APPROVED.
- THERE MUST BE A CLEARANCE OF 7 1/2 FEET FROM FRONT AND BOTH SIDES, AND FOUR FEET TO THE REAR OF THE HYDRANT, TO ABOVE GRADE OBSTRUCTIONS INCLUDING POSTS, FENCES, TREES, ETC. PER THE FLORIDA FIRE PREVENTION CODE.
- SEE STANDARD DETAIL GATE VALVE, BOX, LID AND TAG.
- SHOULD THE FIRE HYDRANT'S CONCRETE PAD OVERLAP THE SIDEWALK, THE TRACER WIRE TEST STATION BOX SHALL NOT BE LOCATED WITHIN THE SIDEWALK.

<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		FIRE HYDRANT ASSEMBLY	UW-5
REV. BY DATE	DATE OF APPROVAL		PAGE 123
CLB/KE 11/10	MAY 10, 2011		



**NOTES:**

- FORD 40 SERIES RESETTERS VB43 AND VB44 OR EQUAL FOR 3/4" OR 1" METERS ALSO ALLOWED.
- METER BOX AND RESETTER ARE TO BE INSTALLED BY THE INFRASTRUCTURE CONTRACTOR AND SHALL NOT BE SET IN DRAINAGE SWALES, SIDEWALKS OR DRIVEWAYS.
- FOR COMPLETE SERVICE CONNECTION ASSEMBLY, SEE DETAIL TYPICAL SERVICE CONNECTION.
- WHEN THE DISTANCE BETWEEN THE EDGE OF THE SIDEWALK AND THE R/W IS ONE FOOT (CUL-DE-SAC W/ MEDIAN) A 10-FOOT-WIDE PUBLIC UTILITY EASEMENT SHALL BE LOCATED IN THE FRONT OF THE LOTS, ADJACENT TO THE ROW.
- 3" MINIMUM CLEARANCE FROM LANDSCAPING PLANTS TO EDGE OF METER, CLEAR ACCESS OPENING TO STREET.

<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		METER BOX ASSEMBLY FOR 5/8" X 3/4", 3/4" & 1" METERS	UW-17
REV. BY DATE	DATE OF APPROVAL		PAGE 135
CLB/BR 11/10	MAY 10, 2011		



1022 26th Avenue East  
Bradenton, FL 34208

**ANNA MARIA WATERLINE  
REHABILITATION  
PHASE 25 - AVENUE C -  
29TH TO 31ST ST.  
DETAILS**

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	404-6002870
SURVEY #	0-0
SEC./TWN./RGE	33/34S/16E
SCALE	1"=40'

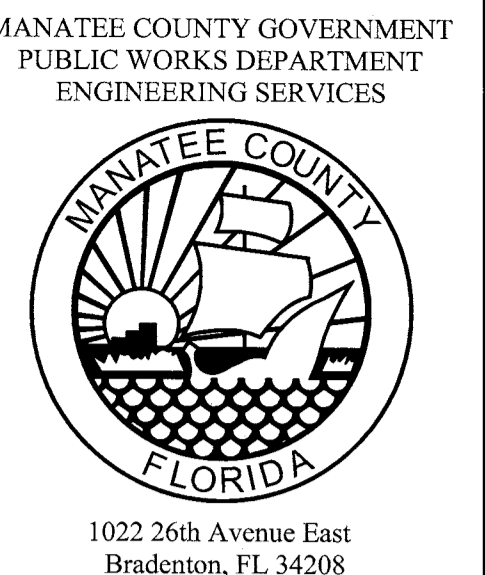
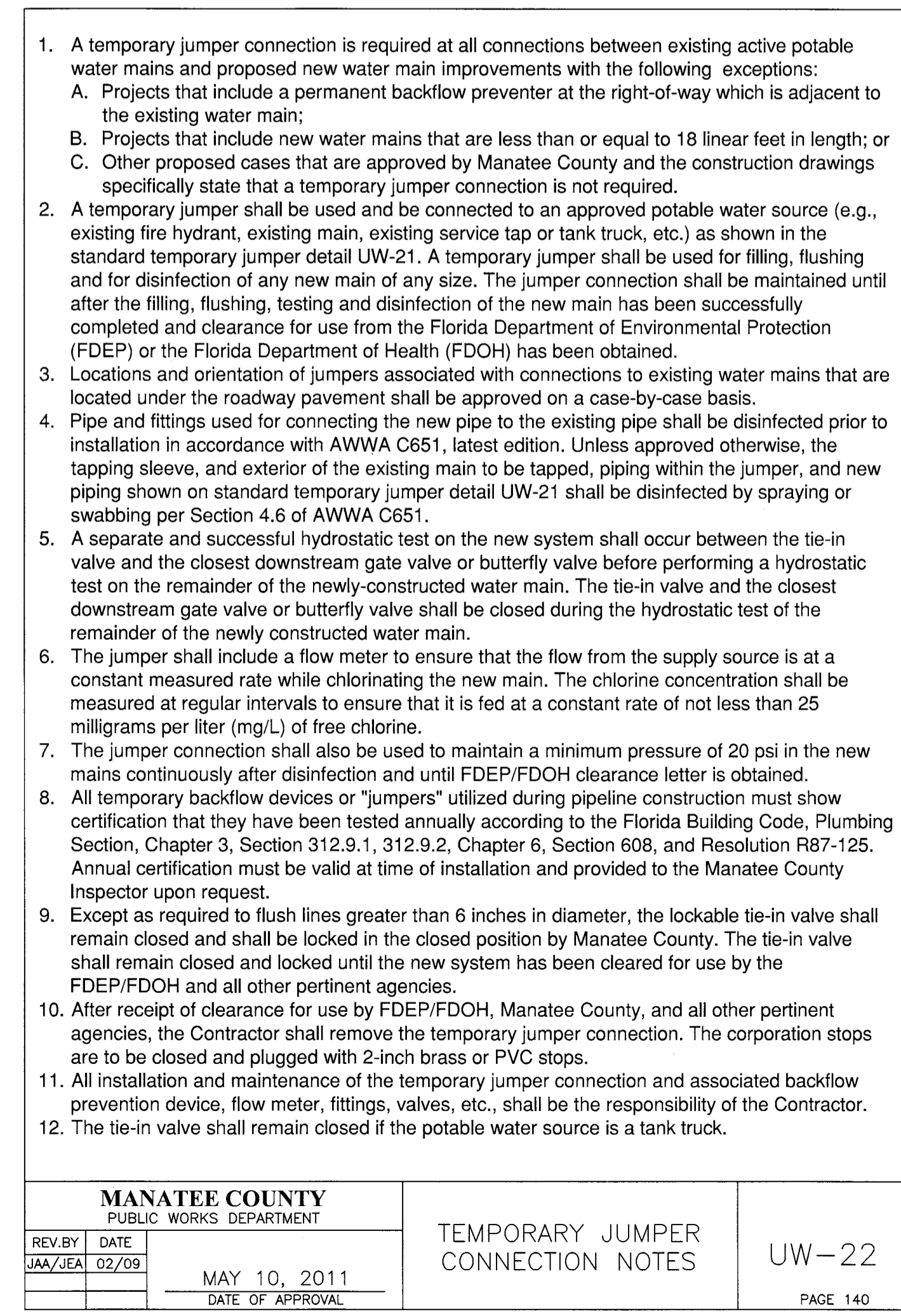
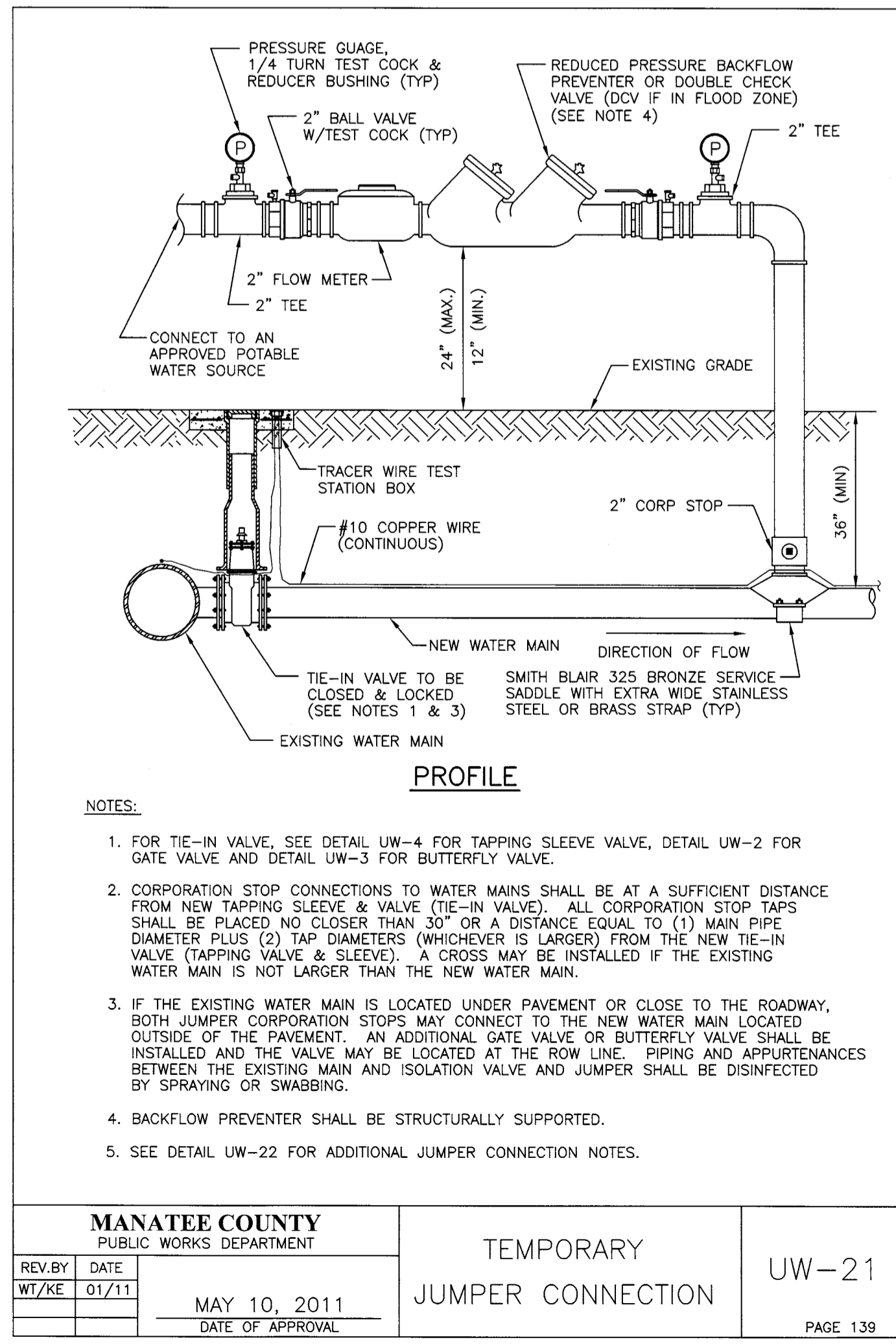
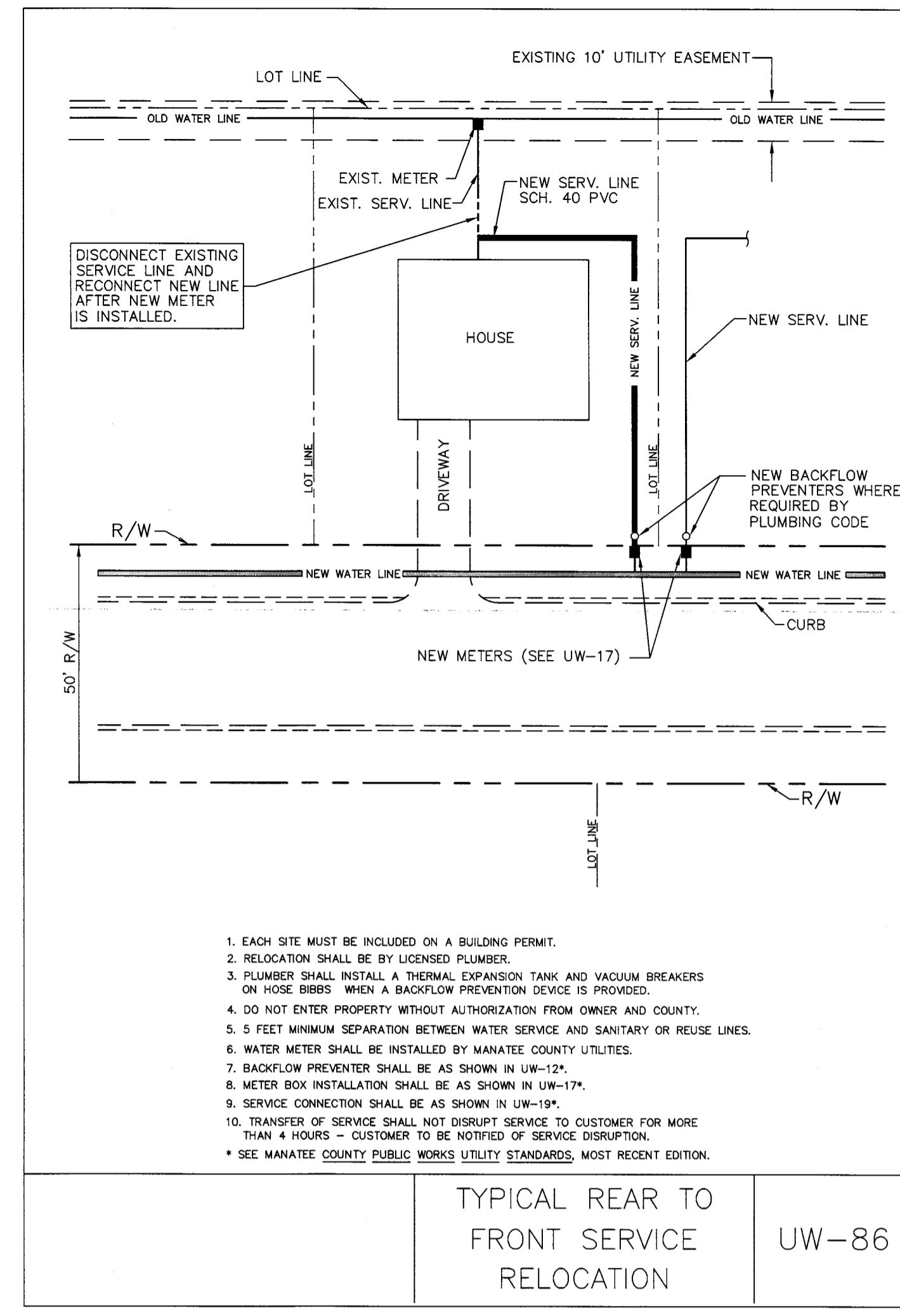
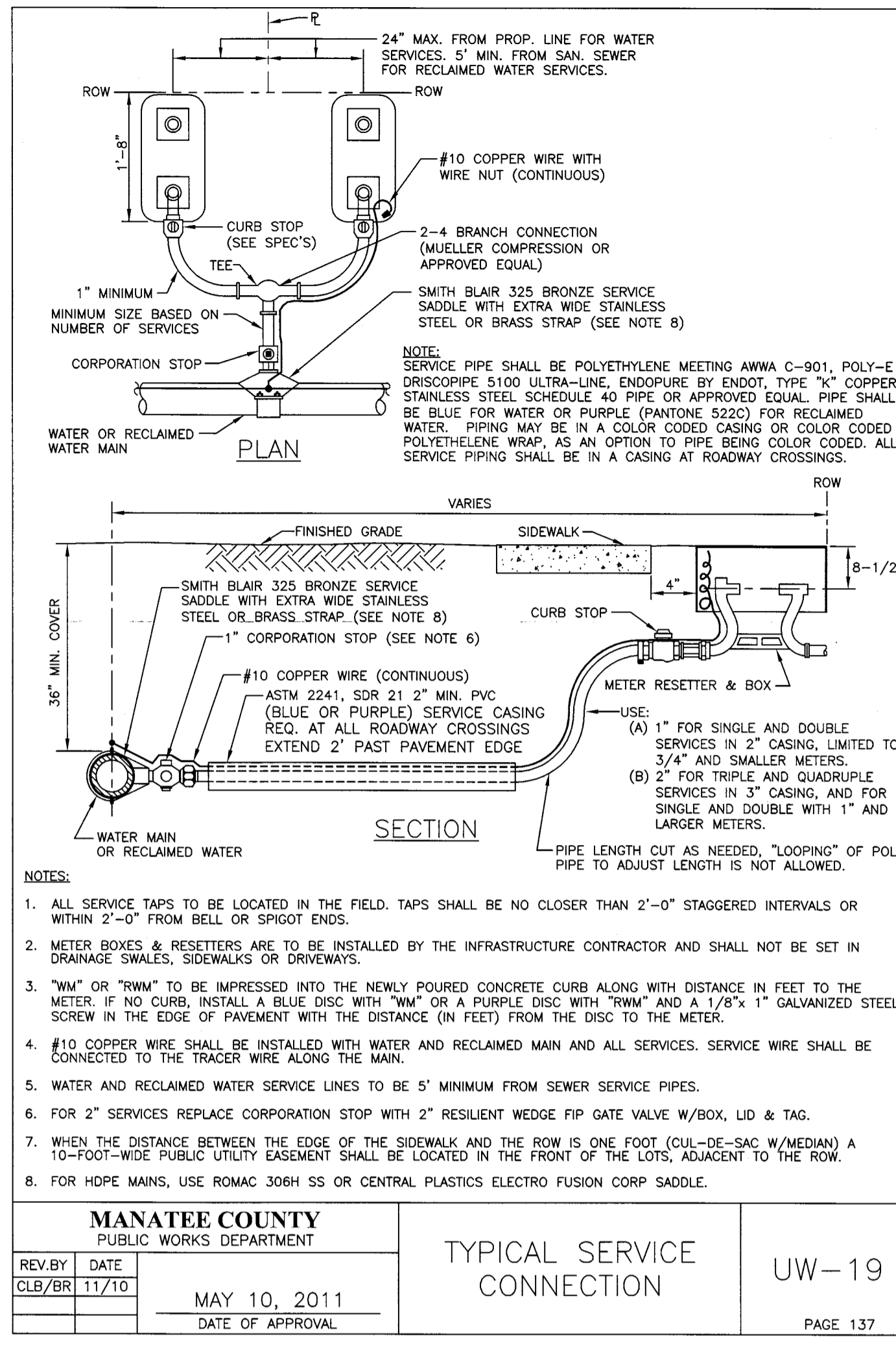
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DESIGNED	BY	DATE
CB/JS	CB	01/11/10
DRAWN	BY	DATE
CB	JS	01/11/10
CHECKED	BY	DATE
JS		01/24/11

JAMES STOCKWELL, P.E.  
Professional Engineer  
No. 62758  
State of Florida  
Exp. 12/31/12

**SURVEY NOTES:**

- UNLESS NOTED, LOCATIONS LIMITED TO - OBSERVABLE, ABOVE GROUND IMPROVEMENTS, NO UNDERGROUND IMPROVEMENTS HAVE BEEN LOCATED EXCEPT THOSE SHOWN HEREON. SOME FEATURES MAY BE EXAGGERATED FOR CLARITY. DIMENSIONS SHOWN SUPERSEDE SCALED DIMENSIONS.
- THIS SURVEY DOES NOT CERTIFY OR WARRANTY: TITLE, ZONING, EASEMENTS, OR FREEDOM OF ENCUMBRANCES.
- NO INSTRUMENTS OF RECORD REFLECTING EASEMENTS, RIGHTS-OF-WAY AND/OR OWNERSHIP ARE KNOWN BY, OR WERE FURNISHED THIS SURVEYOR EXCEPT AS SHOWN HEREON.
- THIS SURVEY MEETS THE REQUIREMENTS OF CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, AS IT PERTAINS TO TOPOGRAPHIC SURVEYS.
- THIS DRAWING IS NOT VALID WITHOUT THE ORIGINAL RAISED SEAL AND SIGNATURE OF THE FLORIDA REGISTERED SURVEYOR & MAPPER SHOWN HEREON. AN ELECTRONIC COPY OF THIS DRAWING MUST BE VERIFIED WITH A SIGNED AND SEALED DRAWING OF THE SAME.
- ANY ADDITIONS OR DELETIONS TO THIS SKETCH OF SURVEY BY OTHER THAN THE SIGNING PARTY WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY IS PROHIBITED.
- SUBJECT TO EASEMENTS, DEDICATIONS AND RESTRICTIONS OF RECORD NOT PROVIDED TO THE SURVEYOR AND MAPPER.
- THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
- ALL MEASUREMENTS SHOWN HEREON ARE GROUND FIELD MEASURED UNLESS SPECIFICALLY ANNOTATED, NOTED OR OTHERWISE STATED ON THIS SKETCH OF SURVEY.
- THE BASIS OF BEARING FOR THIS SURVEY IS THE SURVEY BASELINE (STATION 80+00 TO STATION 100+00) WHICH BEARS N13°23'19"W (GRID). THE COORDINATES SHOWN HEREON WERE DERIVED USING REAL TIME KINEMATIC METHOD AND THE FLORIDA DEPARTMENT OF TRANSPORTATION'S PERMANENT REFERENCE NETWORK. THE DATUM FOR THE VALUES IS THE N. AMERICAN DATUM 1983 (1999 ADJUSTMENT) FLORIDA WEST ZONE. THE PUBLISHED VALUES OF "GIS 103" (PID AG9208) AND "M 104" (PID AG9209) WERE USED TO VALIDATE THE PROJECT COORDINATES, HOWEVER, THESE VALUES ARE NOT TO BE CONSIDERED GEODETIC CONTROL.
- THE ELEVATIONS SHOWN HEREON ARE BASED ON MANATEE COUNTY BENCHMARK 15-29-02, PUBLISHED ELEVATION 3.700', NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD29), AND CHECKED AGAINST BENCHMARK 15-29-01, PUBLISHED ELEVATION 3.284', (NGVD29).  
SITE BENCHMARK #1 - LABELED "BM 6", STATION 82+63.62, 8.38 RT, ELEVATION=3.637'.  
SITE BENCHMARK #2 - LABELED "BM 5", STATION 86+40.91, 9.27 LT, ELEVATION=3.001'.
- PARCEL INFORMATION SHOWN HEREON WAS GATHERED FROM THE MANATEE COUNTY GEOGRAPHIC INFORMATION SYSTEMS PROPERTY LOCATOR WEB SITE.
- ALL CURBING DEPICTED HEREON IS 2' MIAMI CURB UNLESS OTHERWISE NOTED.
- MONUMENTATION AT PROPERTY CORNERS DEPICTED WERE NOT RECOVERED OR SET UNLESS NOTED.
- CARE WAS TAKEN TO CORRECTLY IDENTIFY TYPES OF TREES, HOWEVER, AN ARBORIST OR OTHER QUALIFIED EXPERT SHOULD BE CONSULTED IF THE SPECIES OF THE TREES IS CRITICAL TO DESIGN OR SEEKING PERMISSION TO REMOVE TREES.  
SIZE OF TREE IS MEASURED DIAMETER AT BREST HEIGHT, IN INCHES.
- THE 2009 RASTER IMAGE OF MANATEE COUNTY WAS PROVIDED BY MANATEE COUNTY GEOGRAPHIC INFORMATION SYSTEMS DIVISION AND HAS BEEN INCORPORATED INTO THIS SURVEY FOR DEMONSTRATIVE PURPOSES ONLY.
- THE BASELINE IN THE FIELD IS IDENTIFIED BY NAIL AND DISCS MARKED "MAN.CTY BASELINE", AT THE BEGINNING, END, AND EVERY 100 FT. STATION.
- PIPE SIZES THAT ARE NOT NOTED COULD NOT BE DETERMINED DUE TO DEPTH.
- THIS SURVEY IS INTENDED TO BE PLOTTED AT A SCALE: 1"=20' ON A 22"x34" OR SCALE: 1"=40' ON A 11"x17".



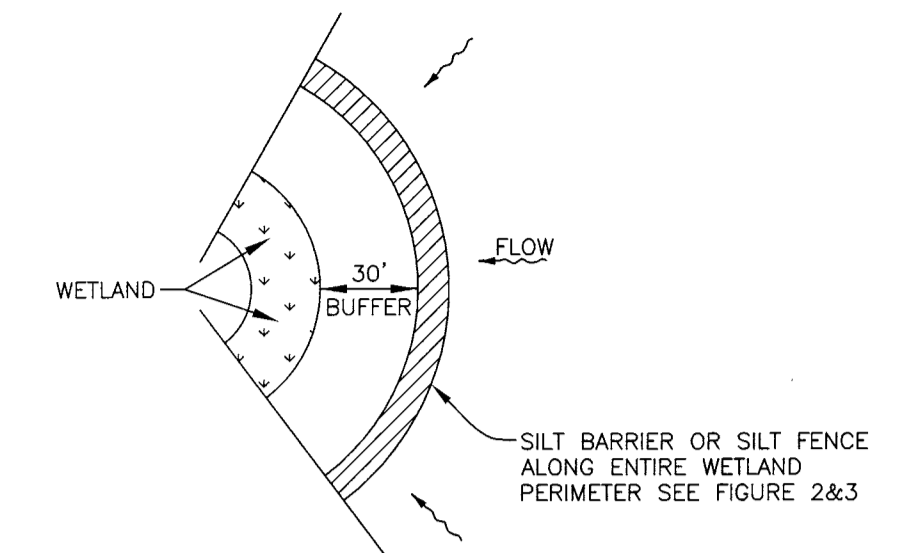
**ANNA MARIA WATERLINE  
REHABILITATION  
PHASE 25 - AVENUE C -  
29TH TO 31ST ST.  
DETAILS**

NO.	REVISION DESCRIPTION	BY	DATE

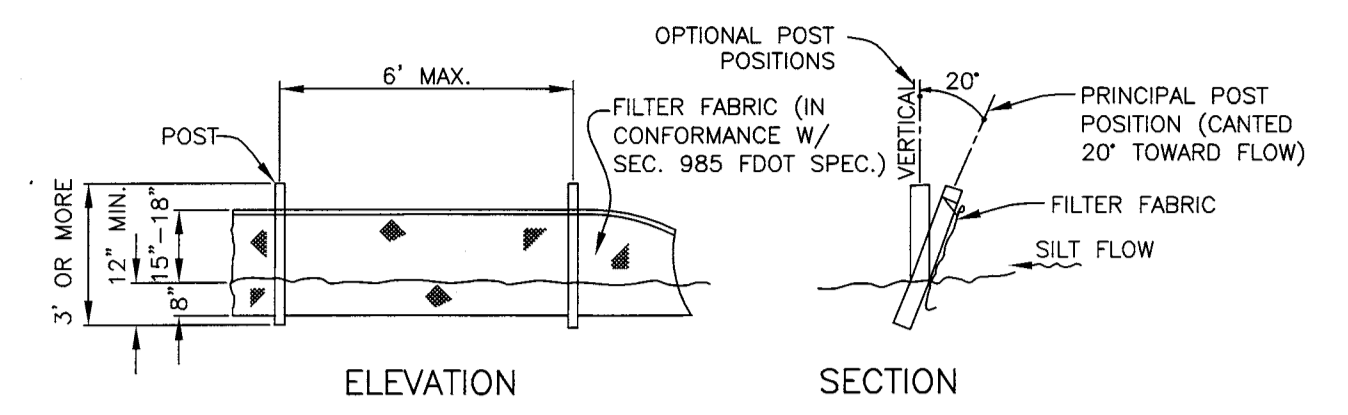
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SURVEY # 0-0  
SEC./TWN./RGE 33/34S/16E  
SCALE 1"=40'  
BY DATE  
SURVEYED CB/SD 12/28/10  
DESIGNED MC/JS 01/11/10  
DRAWN CB 01/11/10  
CHECKED JS 01/24/11

JAMES STOCKWELL, P.E.  
FLORIDA LICENSE # 67198  
Professional Engineer  
No. 17798  
F. O. S. 11/11/08  
MANATEE COUNTY ENGINEERING

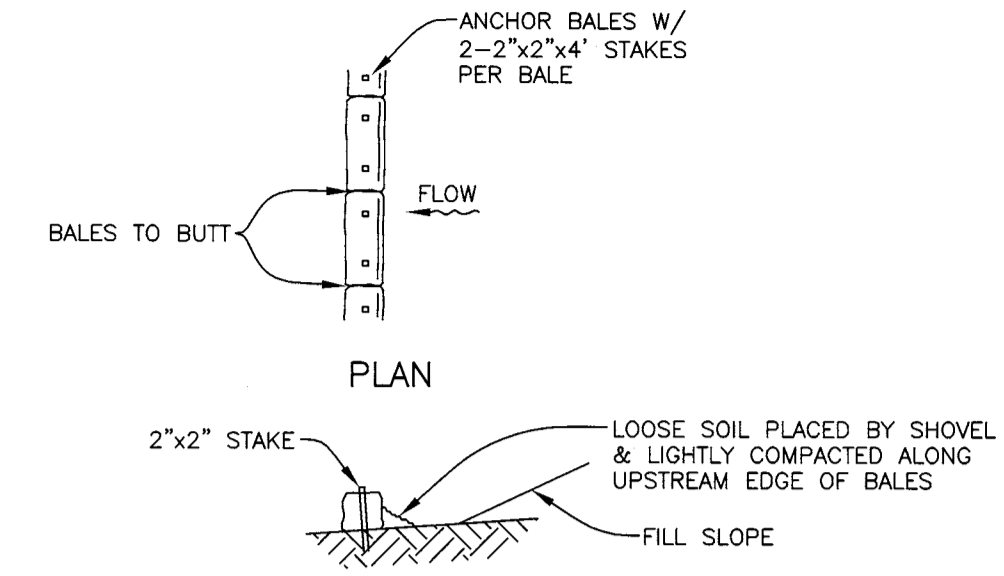
COPYRIGHT 2010 - MANATEE COUNTY GOVERNMENT | S:\PWS\Engineering\Share\UW\Eng Design\Proj\WFR LINE Proj\WFR Water Distrib Imp\Phase 25 Active and Detail (3) 10/25/2011 7:29 AM Cora Boyer 1:1 D:\rect (24-336)



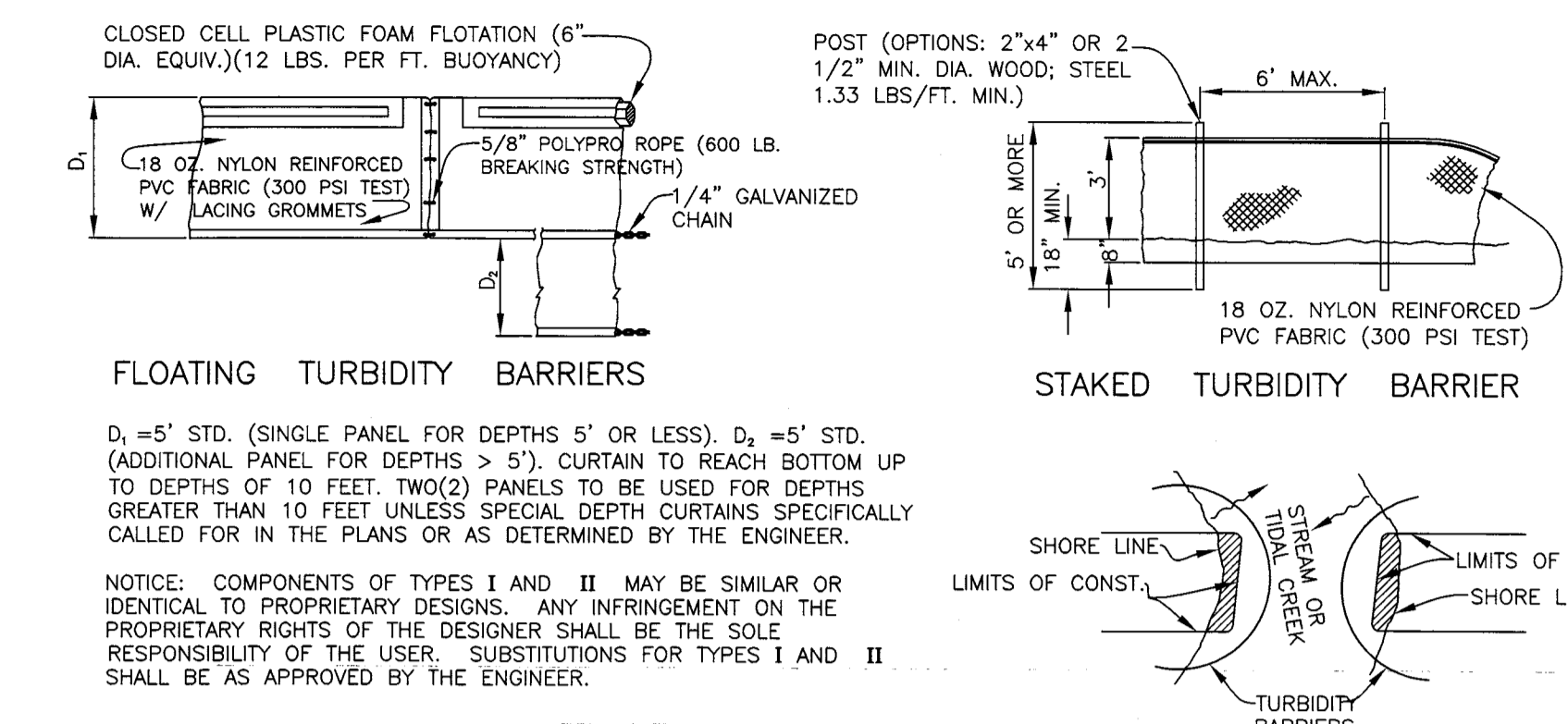
**WETLAND BUFFER**  
FIGURE 1



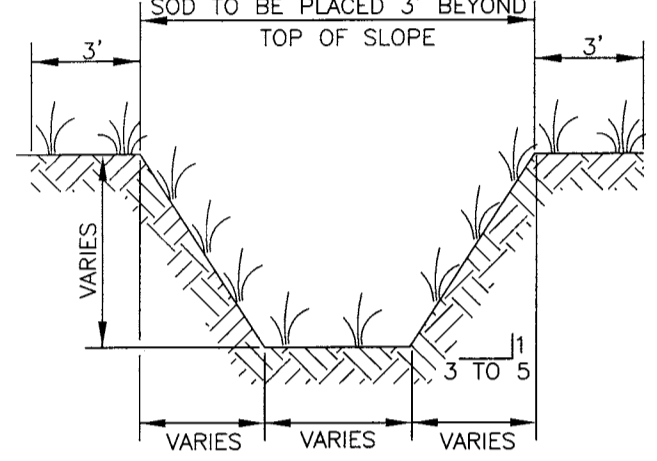
**TYPICAL SILT FENCE**  
FIGURE 2



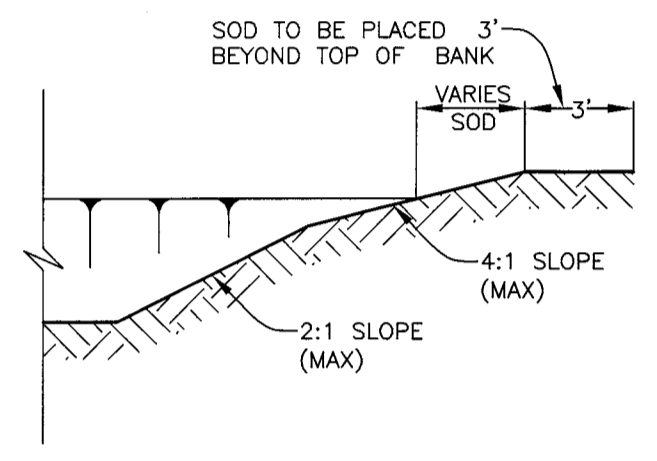
**TYPICAL BALE SILT BARRIER**  
FIGURE 3



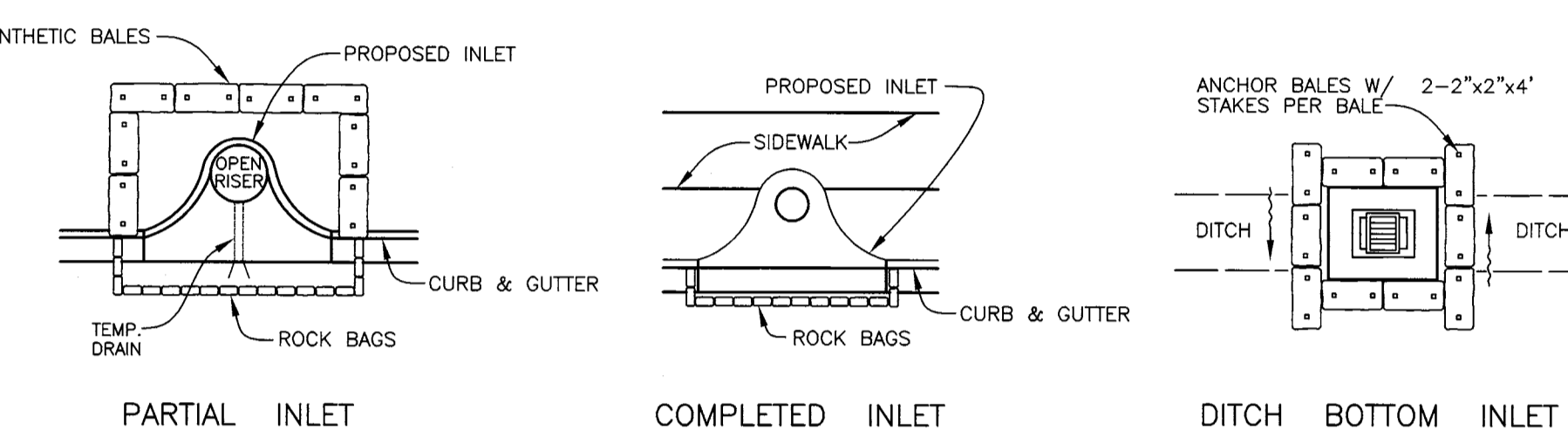
**TURBIDITY BARRIERS**  
FIGURE 4



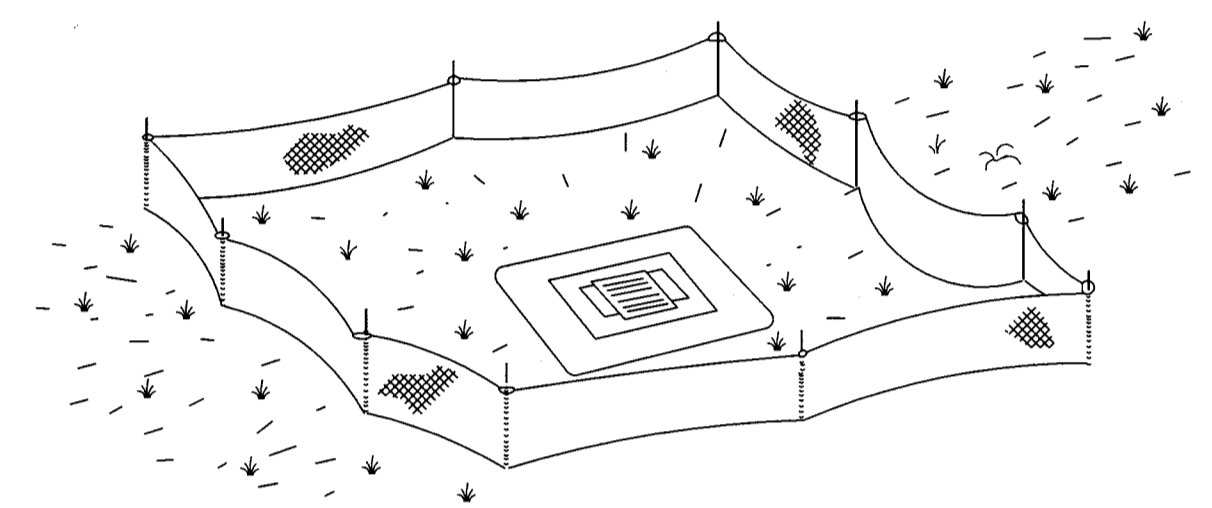
**TYPICAL SWALE SECTION**  
FIGURE 5



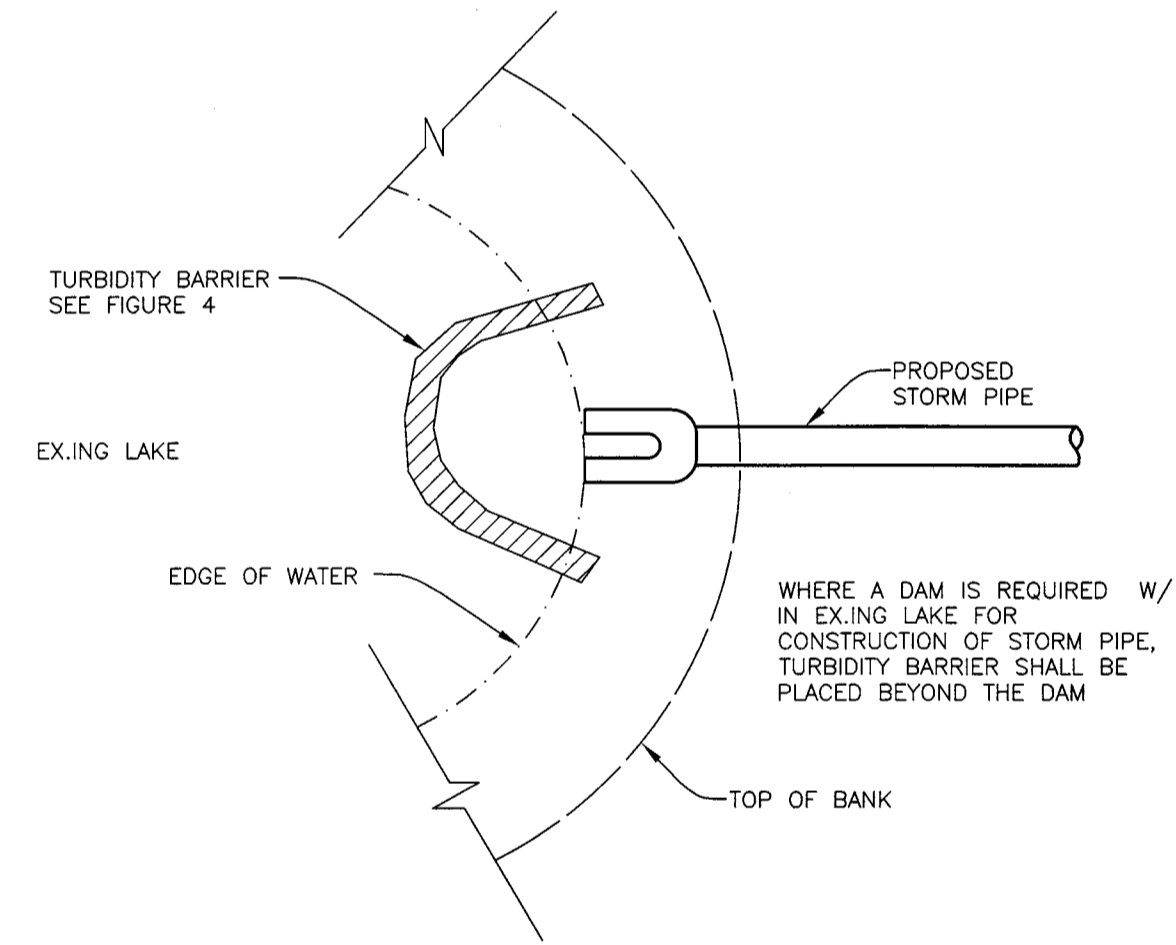
**TYPICAL RETENTION/DETENTION POND SECTION**  
FIGURE 6



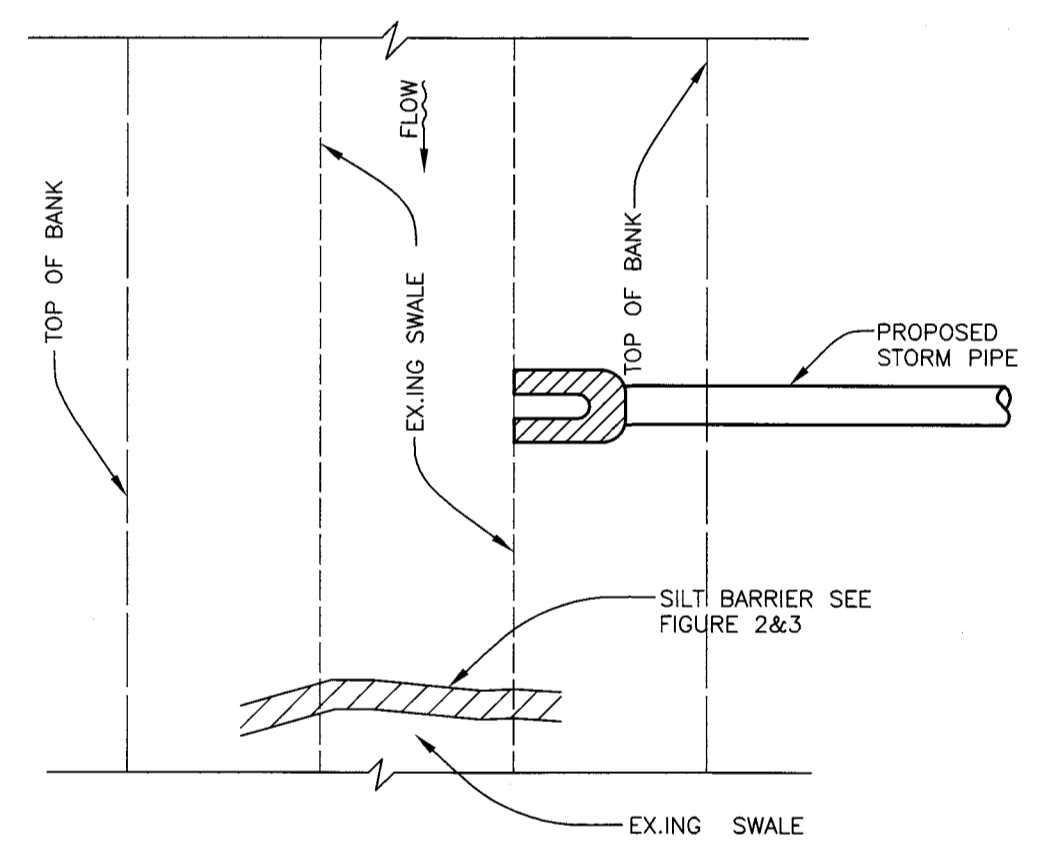
**SYNTHETIC BALE PROTECTION AROUND  
INLETS OR SIMILAR STRUCTURES**  
FIGURE 7



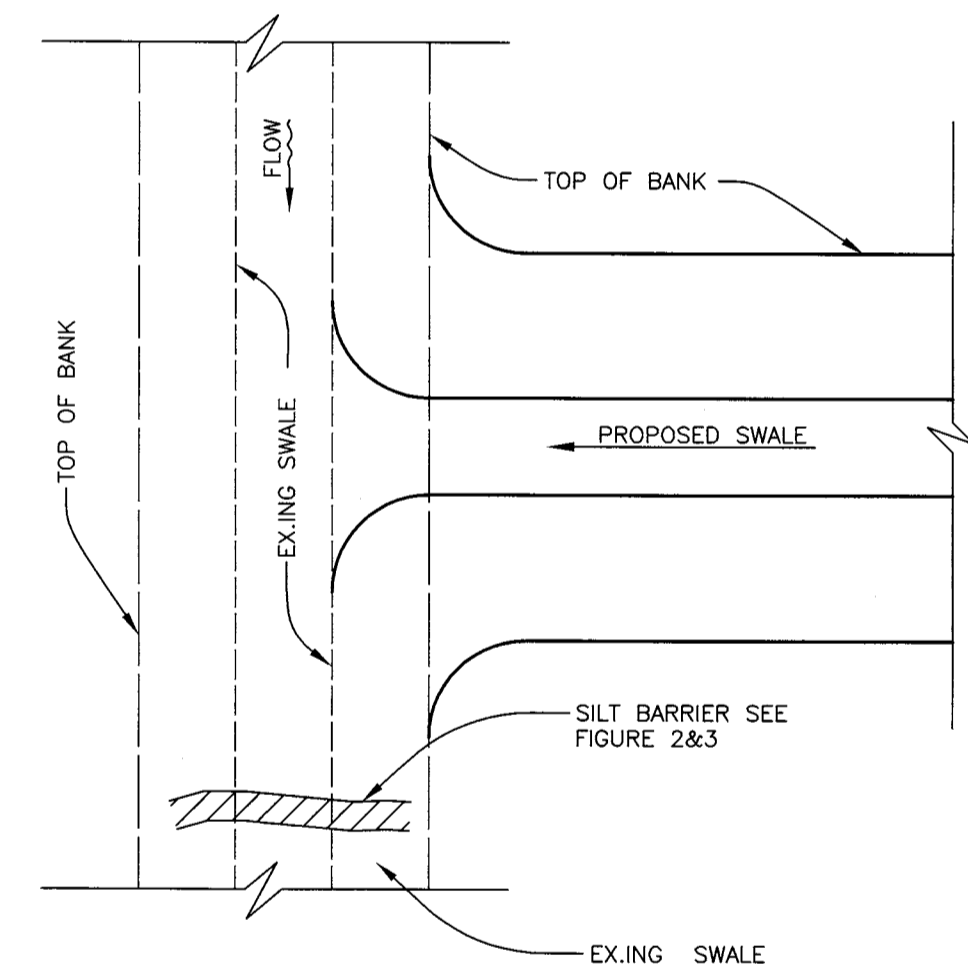
**TYPE III SILT FENCE PROTECTION  
AROUND DITCH BOTTOM INLETS**  
**STAKED SILT BARRIER OR SILT FENCE  
PROTECTION AROUND DITCH BOTTOM INLETS**  
FIGURE 8



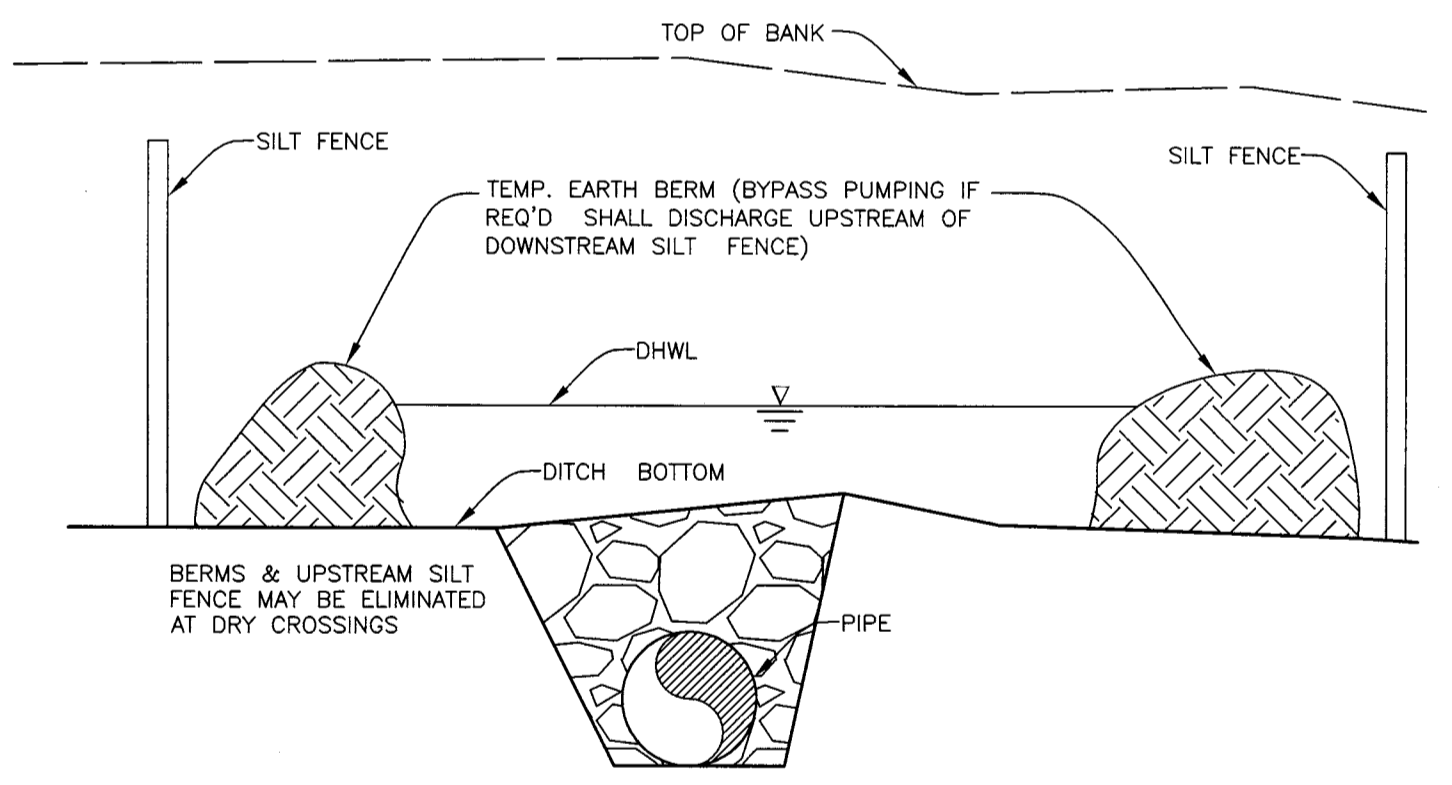
**TURBIDITY BARRIER AT CONNECTION OF  
STORM PIPE TO EX.ING LAKE**  
FIGURE 9



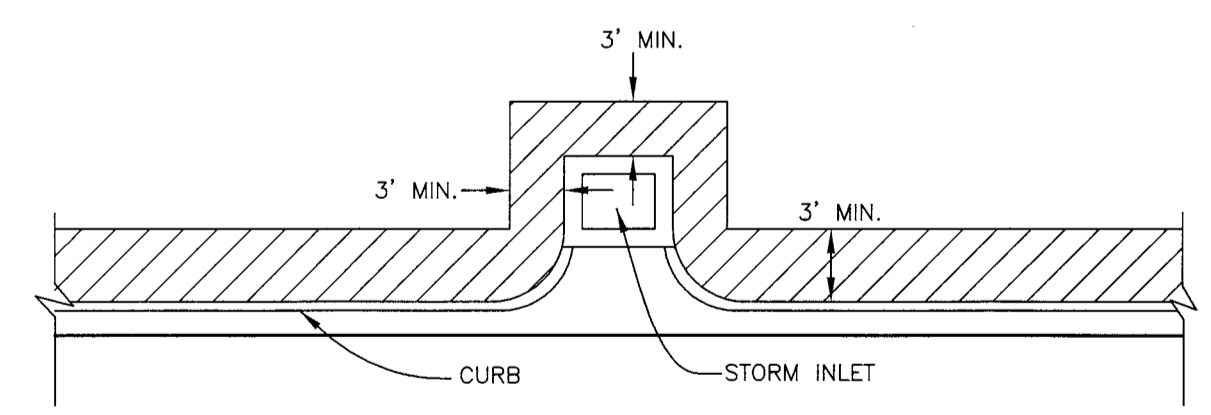
**SILT BARRIER AT CONNECTION OF  
STORM PIPE TO EX.ING SWALE**  
FIGURE 10



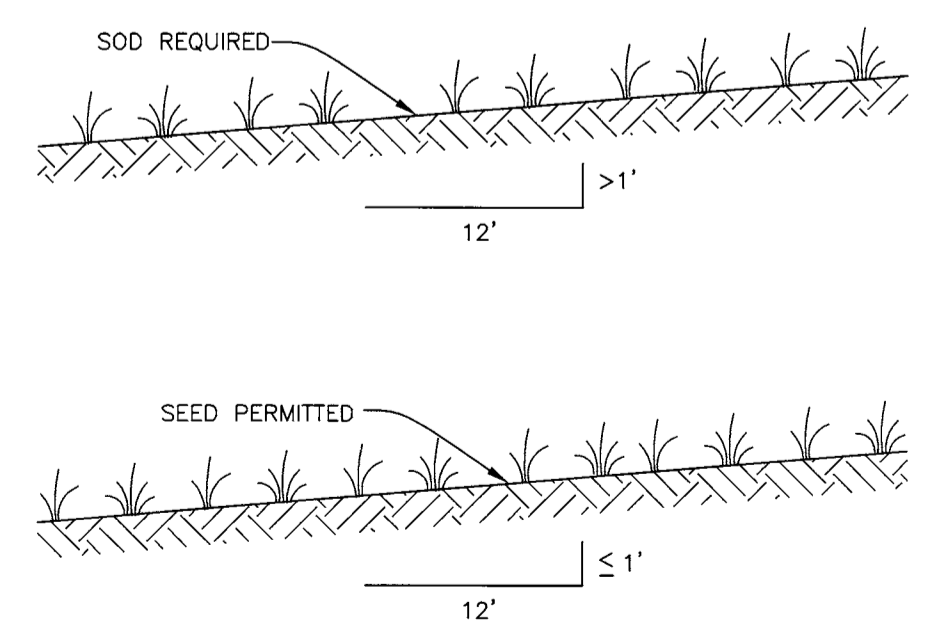
**SILT BARRIER AT CONNECTION  
OF SWALE TO EX.ING SWALE**  
FIGURE 11



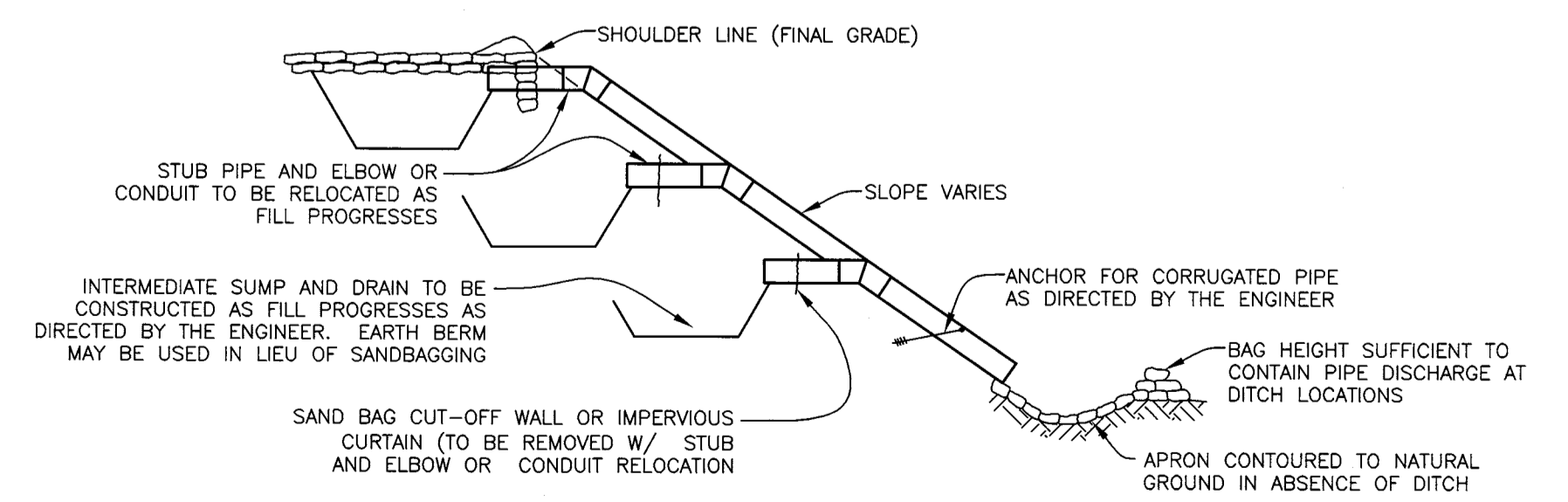
**UNDERGROUND PIPE CROSSING**  
FIGURE 12



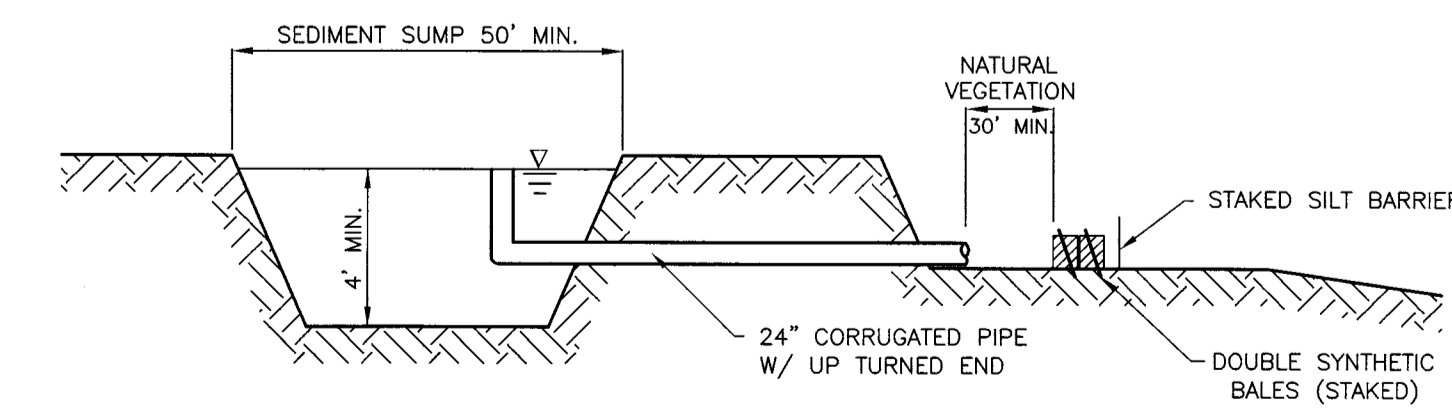
**SOD ALONG CURB  
AND AROUND INLET**  
FIGURE 14



**GRASS SLOPES**  
FIGURE 13



**SECTION AA  
TEMPORARY SLOPE DRAIN**  
FIGURE 15



**SEDIMENT SUMP SECTION**  
FIGURE 16

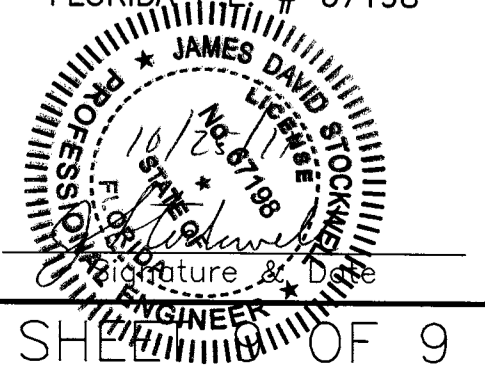
NOTE:  
REFERENCE THE FDOT DESIGN STANDARDS  
LATEST EDITION FOR ALL TEMPORARY  
EROSION CONTROL MEASURES.

NO.	DATE	BY	REVISION DESCRIPTION

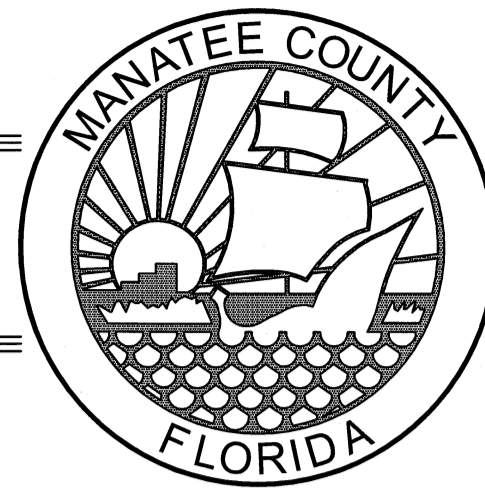
PROJECT #	404-6002870
SURVEY #	0-0
SEC./TWN./RGE	33/34S/16E
SCALE	1"=40'

SURVEYED	BY	DATE
DRAWN	CB	01/11/10
CHECKED	JS	01/24/11
DESIGNED	CB/JS	01/11/10

**JAMES STOCKWELL, P.E.**  
FLORIDA P.E. # 67198



COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT 35 PWD\_Engineering\_Shore Util\_Eng\_Design(Pro)\\WFR LINE Proj\\AM Water Distr Impr\\Phase 25 Active\\dwg\\Erosion Control\_10/25/2011 7:27 AM Cara Boyer, 1:1, D-Arch (24"x36")



# MANATEE COUNTY, FLORIDA

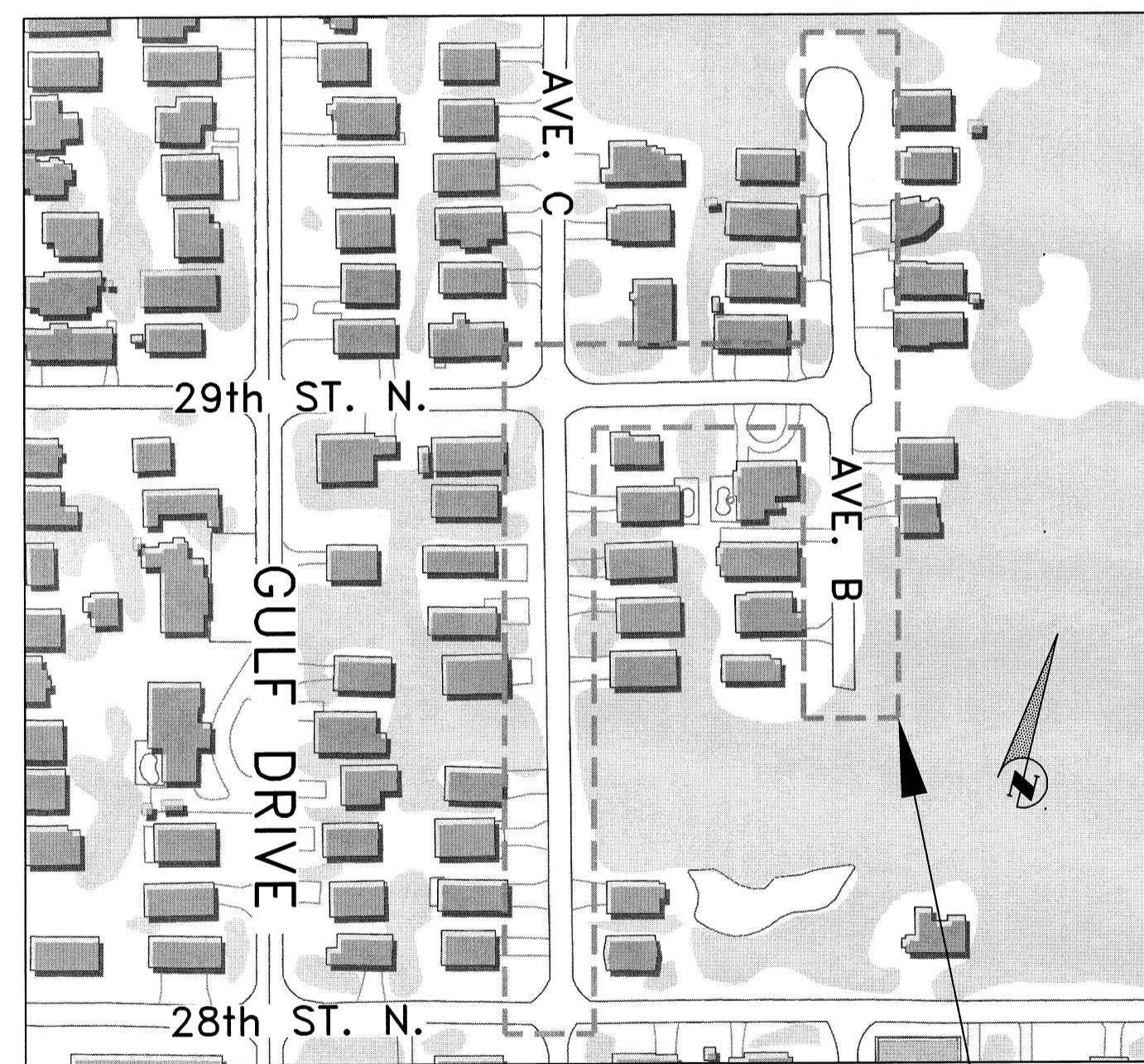
## ANNA MARIA - WATERLINE REHABILITATION

### PHASE 24 - AVE. C FROM 28TH TO 29TH

# 404-6002870

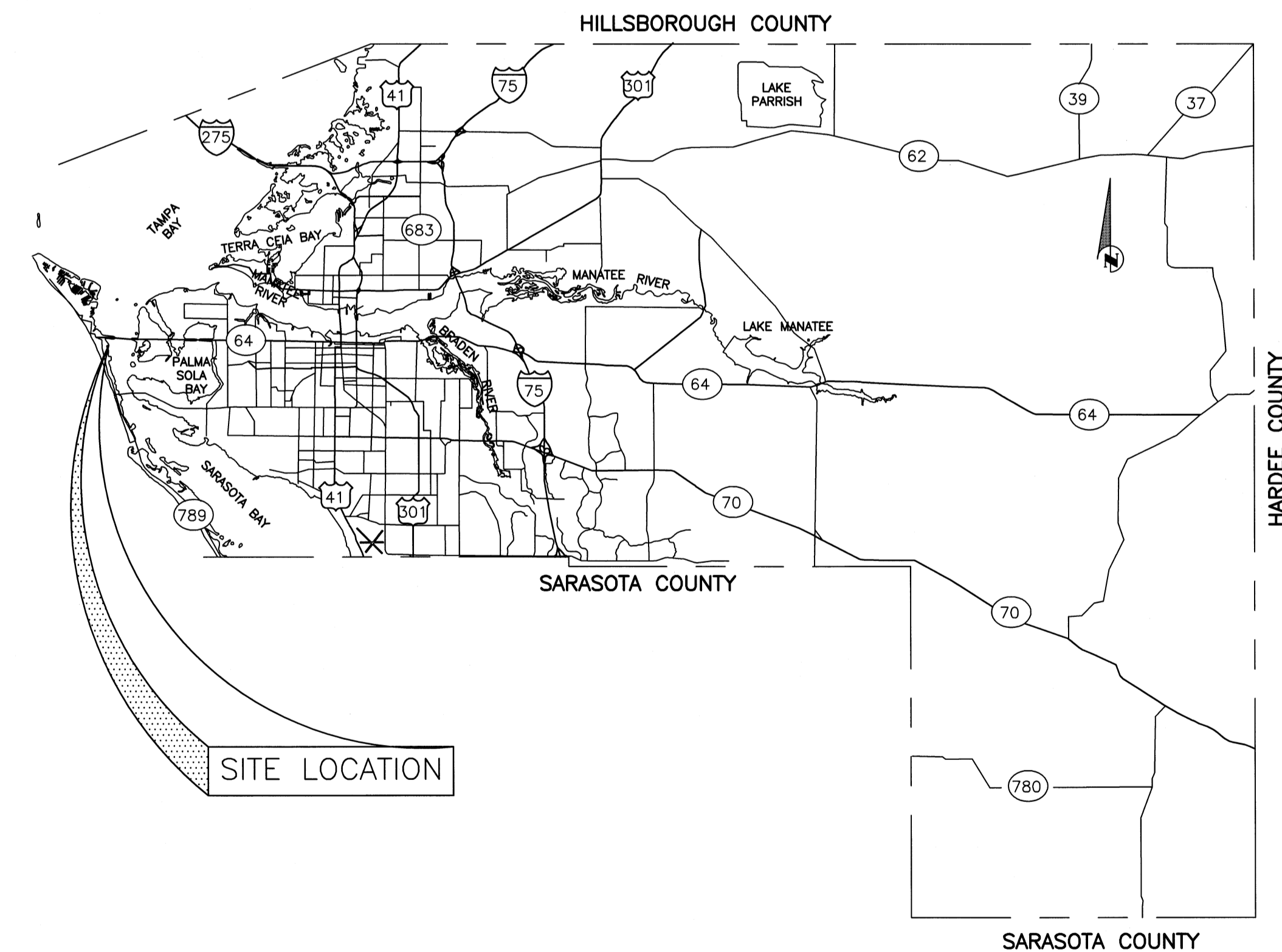
OCTOBER 2011

**Anna Maria - Waterline Rehabilitation  
Phase 24 - Ave. C From 28th TO 29th  
COVER SHEET**



VICINITY MAP  
N.T.S.

PROJECT SITE




SITE LOCATION

NO.	INDEX OF SHEETS
1.	COVER SHEET
2.	GENERAL NOTES & LEGEND
3.	PLAN & PROFILE AVE. C N.
4.	PLAN & PROFILE 29TH ST. N.
5.	PLAN & PROFILE AVE. B N.
6.	DETAILS 1
7.	DETAILS 2
8.	EROSION CONTROL

**PROJECT DESCRIPTION**  
REPLACE APPROX. 1200' OF 2" WATERLINE WITH 4" & 6" WATERLINES.

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	404-6002870
SURVEY #	10.171_PH 23
SEC./TWN./RGE	33/34/16E
SCALE	1"=20'
SURVEYED	MCPMS 07/01/10
DESIGNED	JS 02/02/11
DRAWN	BR 02/02/11
CHECKED	

JAMES STOCKWELL, P.E.  
  
 SHEET 1 OF 8

COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT S:\P\W\Engineering\Share\Util\_Eng\_Design\Proj\WTR\_LINE\_Proj\AM Water Distr\_Impro\Ph-24\_29th St\_Ave A\_Ave B\DWSS\AMI WL\_Impro\_P1\_24.dwg\Cover\_10/24/2011 9:43 AM Cora Boyer 1:1: D-Arch (24'x36')

GENERAL

- 1. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: VINCE CANNA AND CAN BE REACHED AT (941) 708-7450; EXT. 7338

SAFETY

- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE FLORIDA TRENCH SAFETY ACT, 90-96, LAWS OF FLORIDA EFFECTIVE OCTOBER 1, 1990 AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS, 29 CFR 1926.650, SUBPART P, AS AMENDED. THE CONTRACTOR SHALL INCLUDE IN THE TOTAL BID PRICE ALL COSTS FOR COMPLIANCE WITH THESE REGULATIONS.

ENVIRONMENTAL

- 14. WHEN A BENTONITE SPILL OR FRACK-OUT OCCURS OR THERE IS A LOSS OF RETURN INDICATING EXCESSIVE SEEPAGE OR LOSS OF DRILLING FLUID, DRILLING MUST BE STOPPED UNTIL THE LOCATION OF THE SPILL IS IDENTIFIED. UNDER NO CIRCUMSTANCES WILL DRILLING CONTINUE WHEN A SPILL IS APPARENT.

RIGHT-OF-WAY

- 25. ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO WITHIN THE MANATEE COUNTY/FOOT RIGHT-OF-WAY AND/OR EASEMENTS SHOWN ON THE DRAWINGS.

UTILITIES

- 32. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA AND WHICH HAVE NOT BEEN LOCATED OR IDENTIFIED, MAY NOT BE IN THE EXACT LOCATION SHOWN OR RELOCATED SINCE THE PREPARATION OF THESE PLANS.

RESTORATION

- 37. ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS SHOWN OTHERWISE.

CONSTRUCTION

- 44. THE EXHAUST SYSTEM OF ALL GASOLINE AND DIESEL ENGINES SHALL BE EQUIPPED WITH MUFFLERS THAT MEET THE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR NOISE SUPPRESSION. THE CONTRACTOR SHALL INSTALL NOISE ABATEMENT Baffles POSITIONED TO BREAK LINE-OF-SITE FROM THE NOISE SOURCE TO AFFECTED RESIDENCES, AS APPROVED BY THE ENGINEER.

- 64. WATER MAINS CROSSING OVER OR UNDER SANITARY SEWERS, FORCE MAINS, AND RECLAIMED WATER LINES SHALL BE LAID PER CURRENT EDITION OF "10 STATE STANDARDS" AND MANATEE COUNTY UTILITY STANDARDS UNLESS NOTED OTHERWISE ON THE PLANS.

EMERGENCY CONTACTS

Table with 4 columns: MANATEE COUNTY PUBLIC WORKS DEPT., FLORIDA POWER & LIGHT, FLORIDA GAS TRANSMISSION, and PEACE RIVER ELECTRIC COOPERATIVE, INC. Lists contact information for various utility departments.

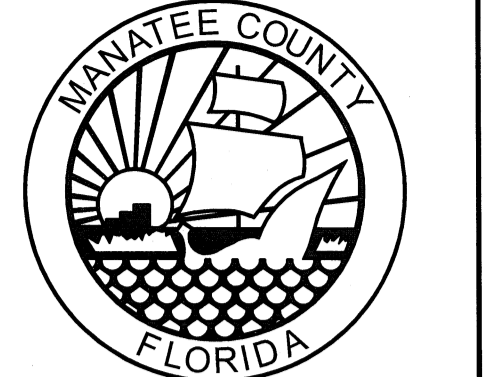
SURVEY NOTES:

- 1. DIMENSIONS SHOWN SUPERSEDE SCALED DIMENSIONS.
2. THIS SURVEY DOES NOT CERTIFY OR WARRANT: TITLE, ZONING, EASEMENTS, OR FREEDOM OF ENCUMBRANCES.

LEGEND

Legend table with columns: EXISTING, PROPOSED, and ABBREVIATIONS. Contains symbols for various utility features like bench marks, pipes, manholes, and easements.

PROPOSED PROJECT NOTES WATER LINE CALL-OUT STA. 40+60, 17' LT. 1-6" GATE VALVE 1-6" FITTING

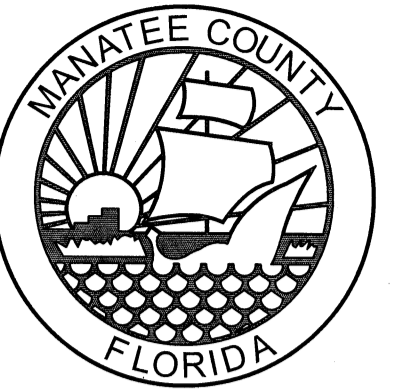


Anna Maria - Waterline Rehabilitation Phase 24 - Ave. C From 28th TO 29th GENERAL NOTES & LEGEND

Table with columns: NO., REVISION DESCRIPTION, DATE, BY, PROJECT #, SURVEY #, SEC./TWN./RGE, SCALE, BY, DATE, and SHEET 2 OF 8.

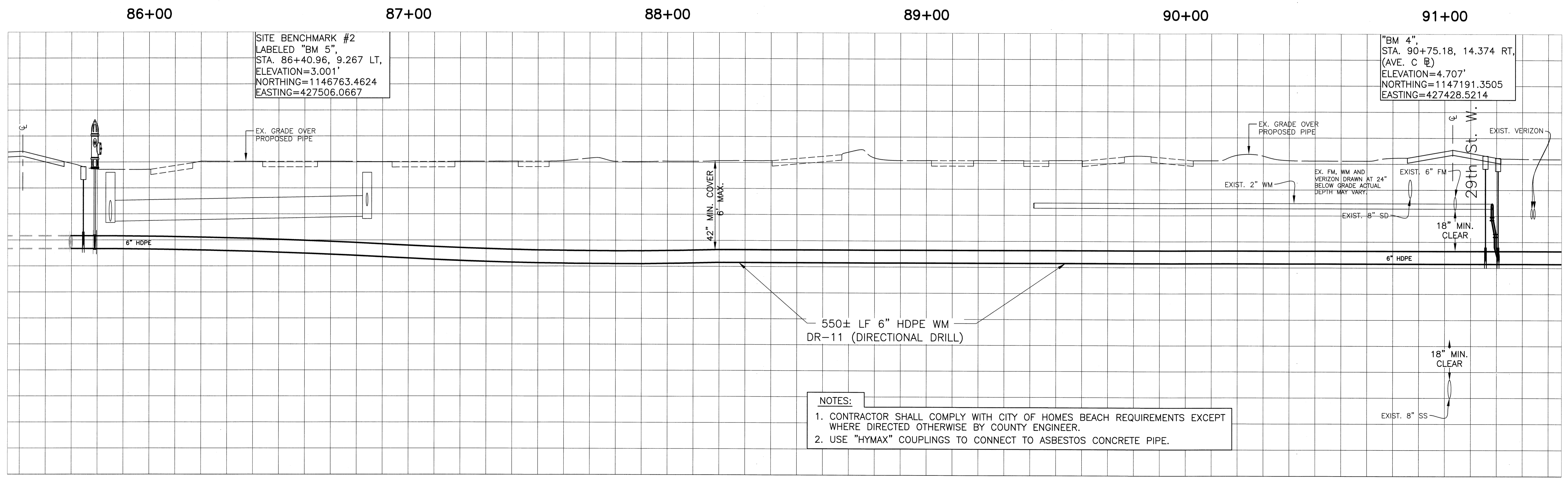
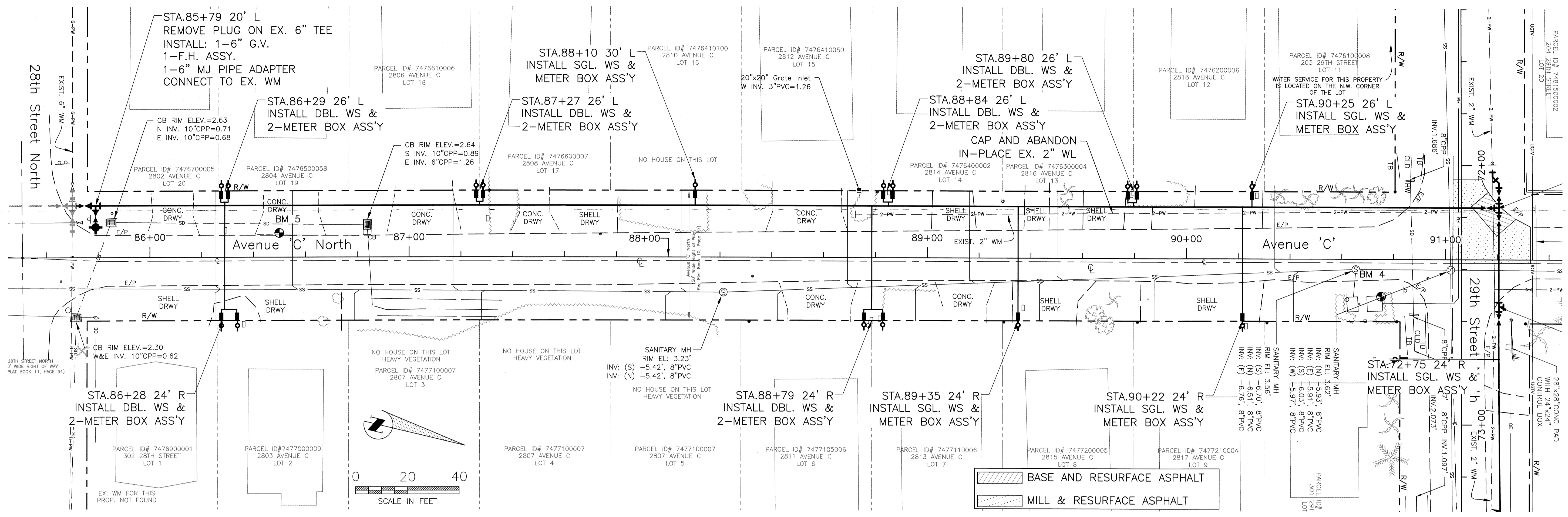
Copyright 2010 Manatee County Government. All rights reserved. Project name: Anna Maria Waterline Rehabilitation Phase 24 - Ave. C From 28th TO 29th.





# Anna Maria - Waterline Rehabilitation Phase 24 - Ave. C From 28th TO 29th PLAN & PROFILE AVENUE C NORTH

REFER TO DRAWING 4 FOR INFORMATION  
ALONG 29th STREET NORTH



- NOTES:**
- CONTRACTOR SHALL COMPLY WITH CITY OF HOMES BEACH REQUIREMENTS EXCEPT WHERE DIRECTED OTHERWISE BY COUNTY ENGINEER.
  - USE "HYMAX" COUPLINGS TO CONNECT TO ASBESTOS CONCRETE PIPE.

COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT S:\P\W\Engineering\Share\Units\Eng\_Design\Proj\24\_29th\_St\Ave C\_Ave B\DWG\AMI\_Water\Improv PH 24.dwg\Plan & Profile 1\_3/24/2011 10:33 AM Bruce Robertson, I-1\_ARCH-Juli Bled D (36.00 x 24.00 inches)

MANATEE COUNTY WILL SUPPLY  
ALL WATER METER BOXES

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	404-6002870
SURVEY #	10.171_PH 23
SEC./TWN./RGE	33/34/16E
SCALE	1"=20'
BY	DATE
SURVEYED	MCPMS 07/01/10
DESIGNED	JS 02/02/11
DRAWN	BR 02/02/11
CHECKED	

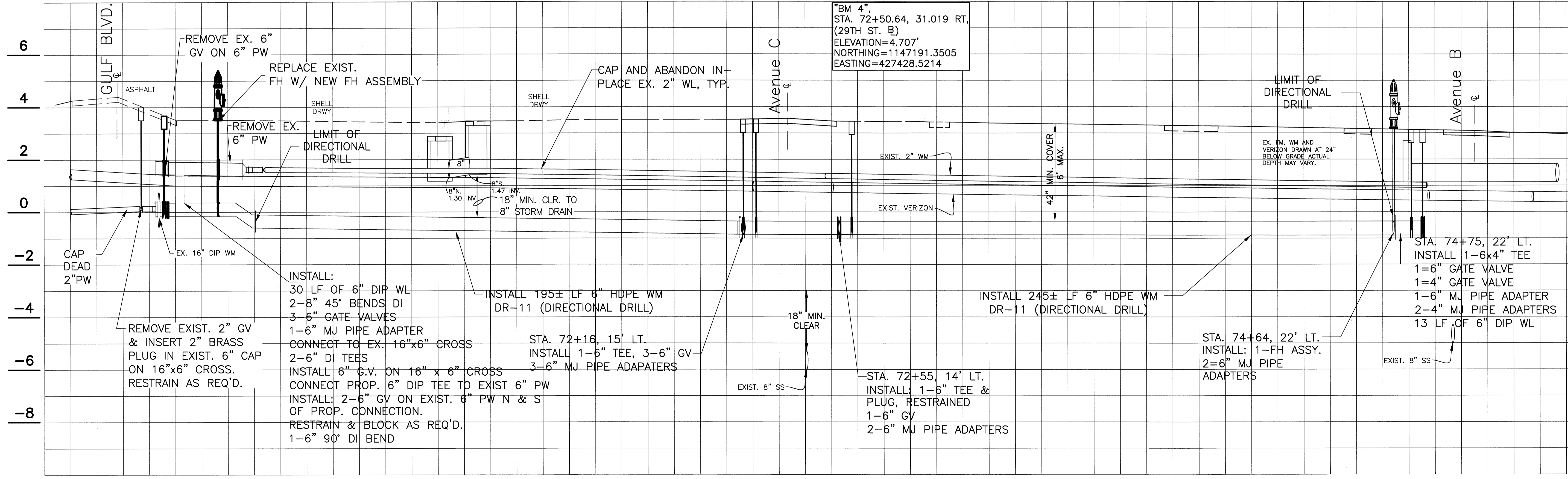
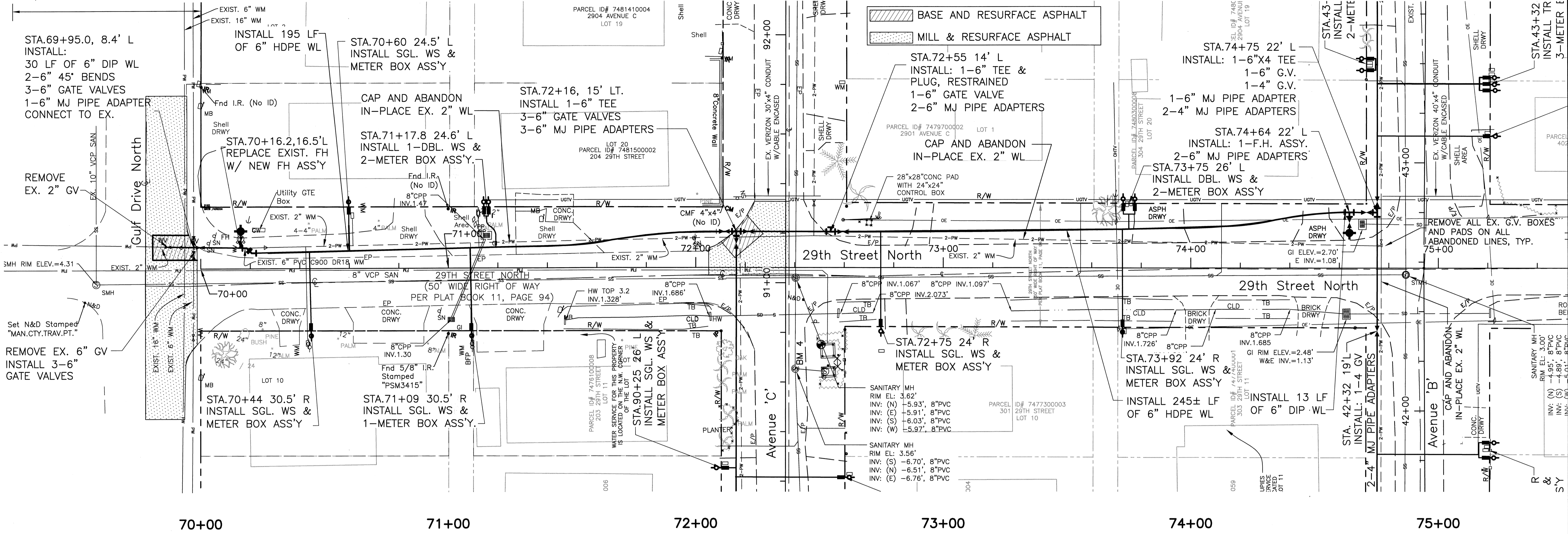
JAMES STOCKWELL, P.E.  
FLORIDA PROFESSIONAL ENGINEER  
No. 67198  
3/24/11  
STATE OF FLORIDA  
MANATEE COUNTY ENGINEER

**Anna Maria - Waterline Rehabilitation  
Phase 24 - Ave. C And 29th St. N.  
PLAN & PROFILE 29TH STREET NORTH**

REFER TO FDOT UTILITY PERMIT FOR PAVING WORK AND ADDITIONAL REQUIREMENTS ON GULF DR.

REFER TO DRAWING 3 FOR INFORMATION ALONG AVENUE C NORTH

REFER TO DRAWING 5 FOR INFORMATION ALONG AVENUE B NORTH

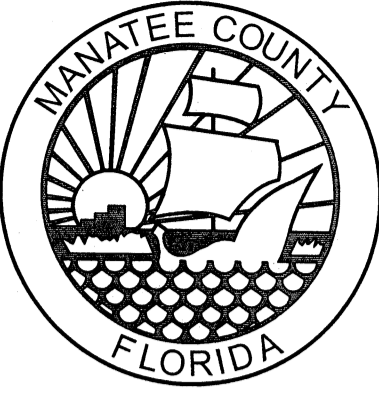


NO.	REVISION DESCRIPTION	BY	DATE
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4			
2			
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-2			
-4			
-6			
-8			

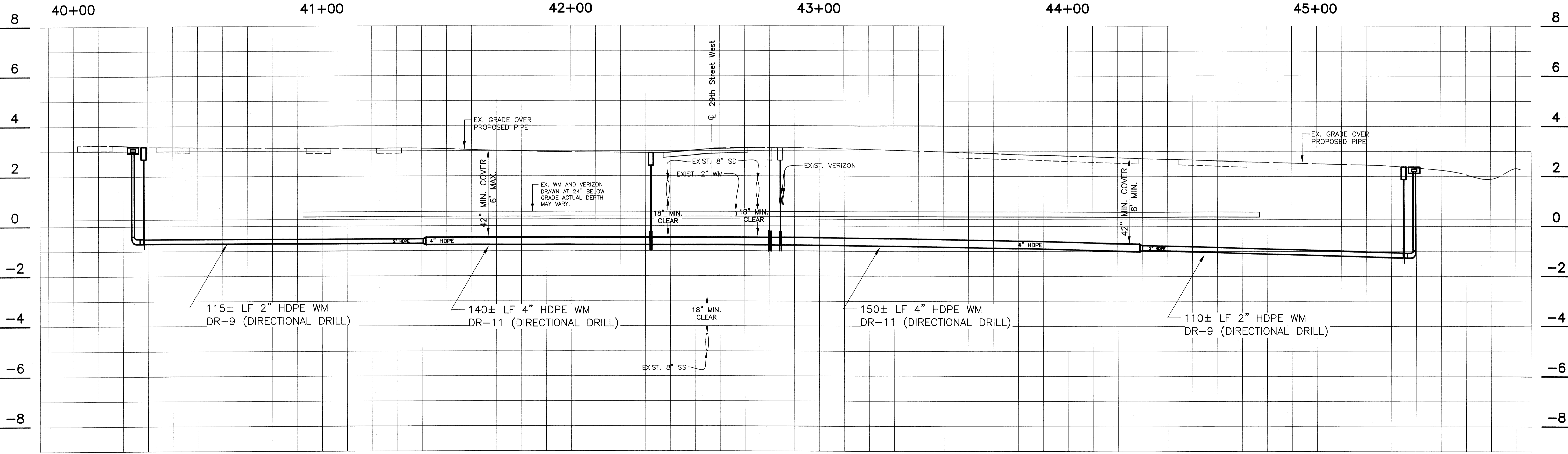
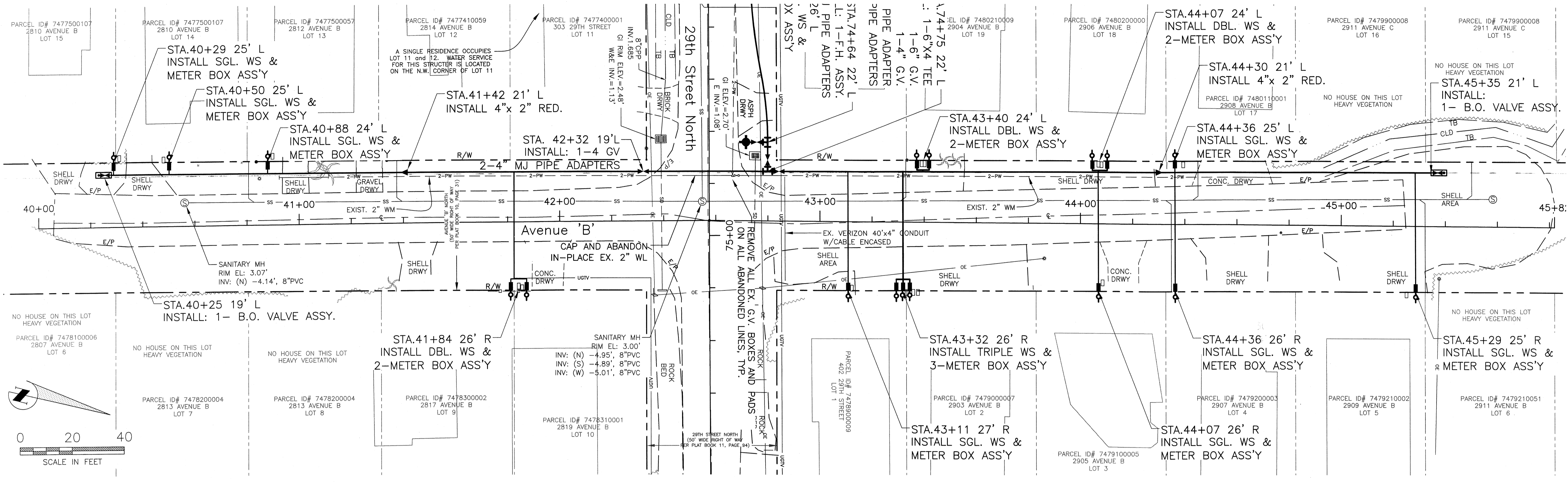
PROJECT #	404-6002870
SURVEY #	10.171_PH 23
SEC./TWN./RGE	33/34/16E
SCALE	1"=20'
SURVEYED	MCPMS 07/01/10
DESIGNED	JS 02/02/11
DRAWN	BR 02/02/11
CHECKED	

JAMES BROOKHILL, P.E.  
Professional Engineer  
No. 0208  
02/02/11  
Signature & Date

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REFER TO DRAWING 4 FOR INFORMATION  
ALONG 29TH STREET NORTH



**Anna Maria - Waterline Rehabilitation**  
**Phase 24 - Ave. C From 28th TO 29th**  
**PLAN & PROFILE AVENUE B NORTH**

NO.	REVISION DESCRIPTION	BY	DATE

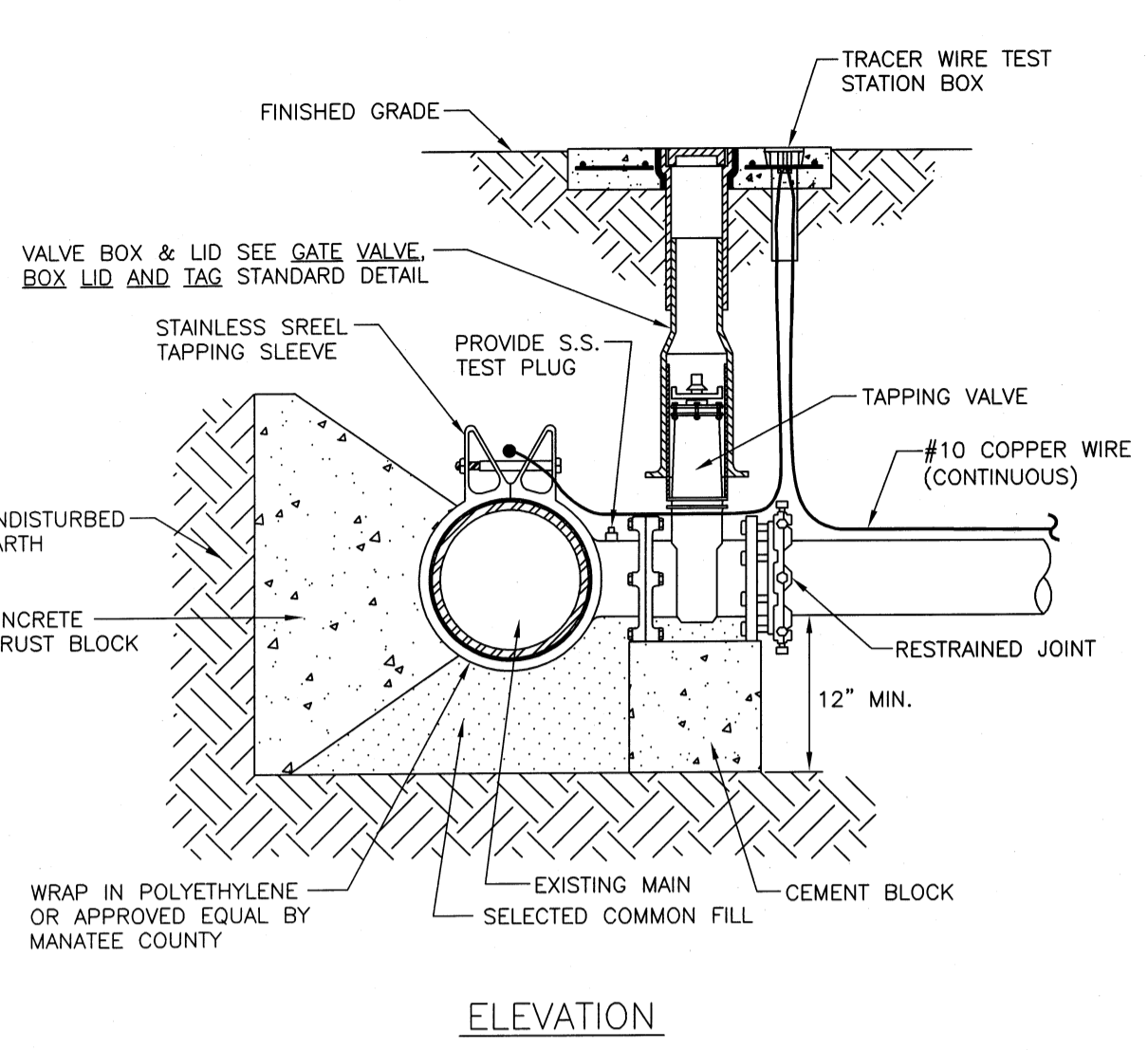
PROJECT #	404-6002870
SURVEY #	10.171_PH 23
SEC./TWN./RGE	33/34/16E
SCALE	1"=20'
BY	DATE
SURVEYED	MCPMS 07/01/10
DESIGNED	JS 02/02/11
DRAWN	BR 02/02/11
CHECKED	

JAMES STOCKWELL, P.E.  
FLORIDA REG. # 67198  
No. 67198  
02/25/11  
STATE OF FLORIDA  
Professional Engineer

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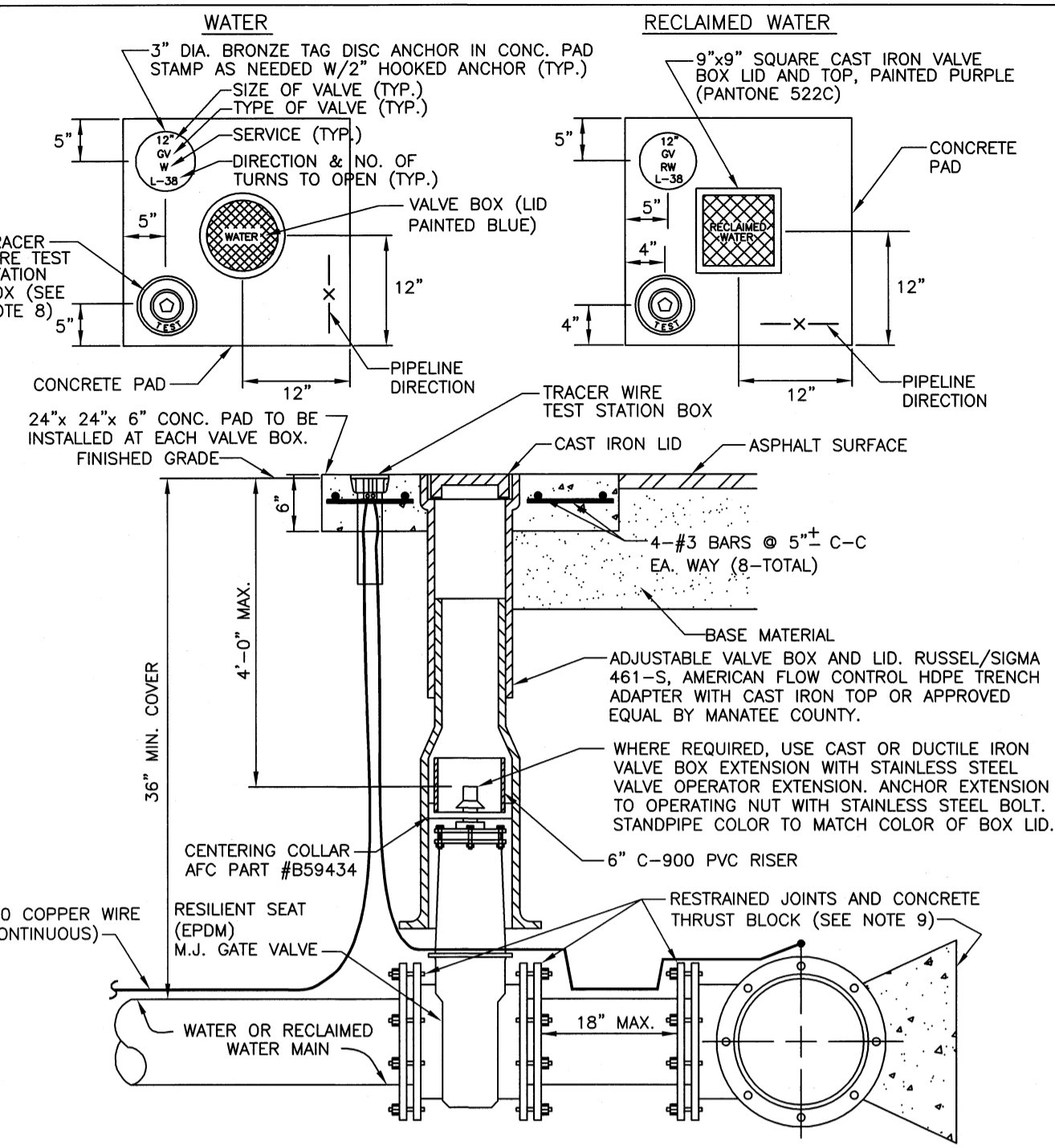
# Anna Maria - Waterline Rehabilitation Phase 24 - Ave. C From 28th To 29th

## DETAILS



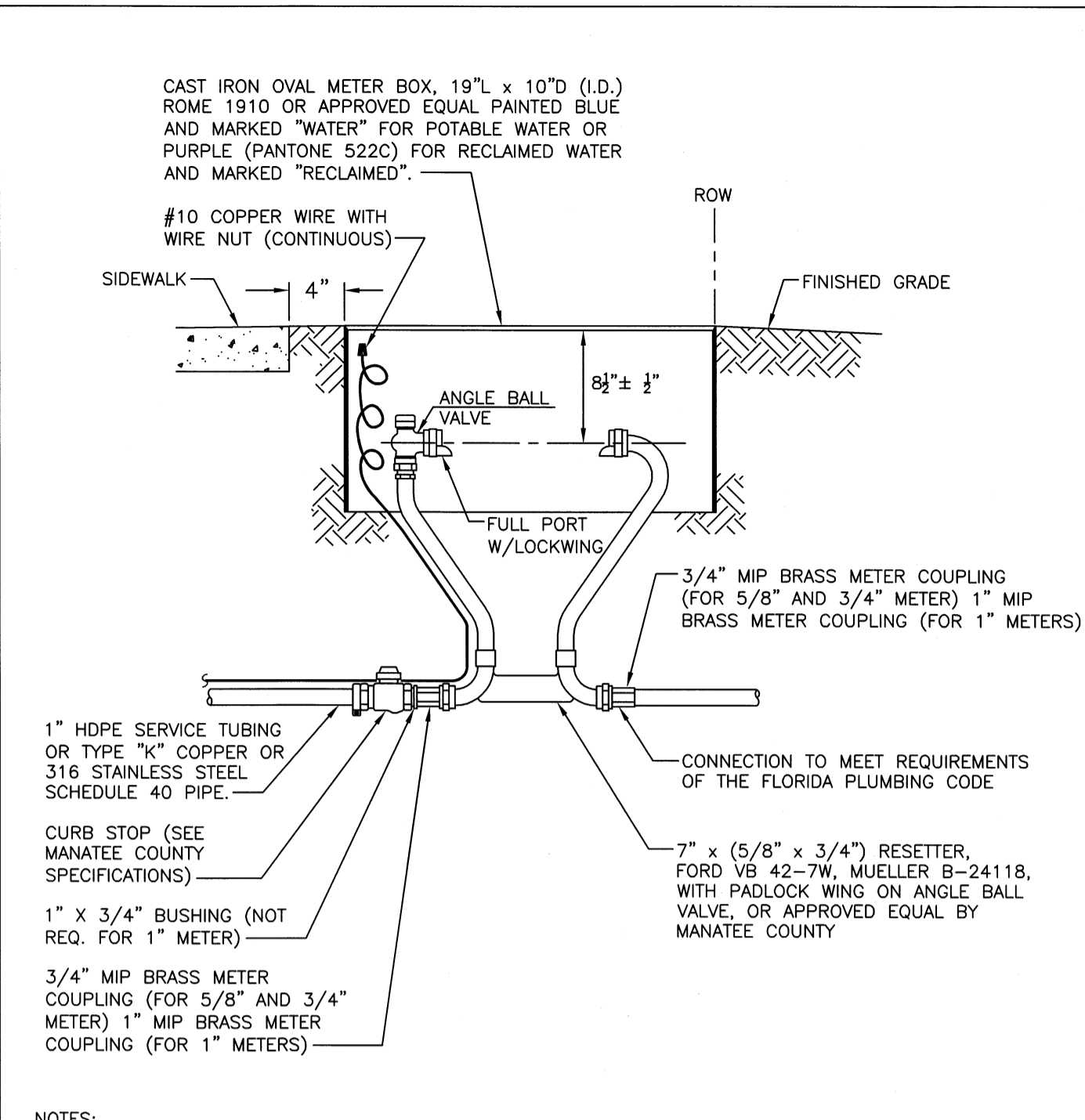
- NOTES:**
- PRIOR TO TAPPING, CONTRACTOR TO DEMONSTRATE 60 MINUTE HYDROSTATIC TEST OF THE TAPPING SLEEVE AND VALVE WITH NO LOSS OF 180 PSI PRESSURE FOR WATER AND RECLAIMED WATER OR 150 PSI FOR FORCE MAIN.
  - ALL FITTINGS TO BE WRAPPED WITH 20 MIL VISQUEEN AT THRUST BLOCK.
  - ALL TAPS ON CONCRETE WATER MAINS AND LARGER THAN 12" ARE TO BE MADE BY A MANATEE COUNTY APPROVED TAPPING COMPANY. ALL MATERIALS TO BE SUPPLIED BY THE CONTRACTOR.
  - ALL TAPS MUST BE OF A SMALLER SIZE THAN THE MAIN BEING TAPPED & PLACED NO CLOSER THAN 30" OR A DISTANCE EQUAL TO (1) MAIN PIPE DIAMETER PLUS (2) TAP PIPE DIAMETERS (WHICHEVER IS GREATER) FROM A JOINT OR FITTING.
  - CONTRACTOR TO SUPPLY A DRY HOLE FOR TAPPING CREW TO WORK IN AND A BACK-HOE TO LOWER TAPPING MACHINE INTO THE HOLE.
  - WHERE THRUST BLOCK NOT USED, RESTRAINED JOINTS MUST THEN EXTEND FROM TEE FULL LENGTH SPECIFIED FOR "TEES".
  - TRACER WIRE TEST STATION BOX IS REQUIRED AT CONNECTIONS TO EXISTING MAINS.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		TAPPING SLEEVE AND VALVE	UW-4
REV BY	DATE	PAGE 122	
CLB/KE	11/10		
MAY 10, 2011			
DATE OF APPROVAL			



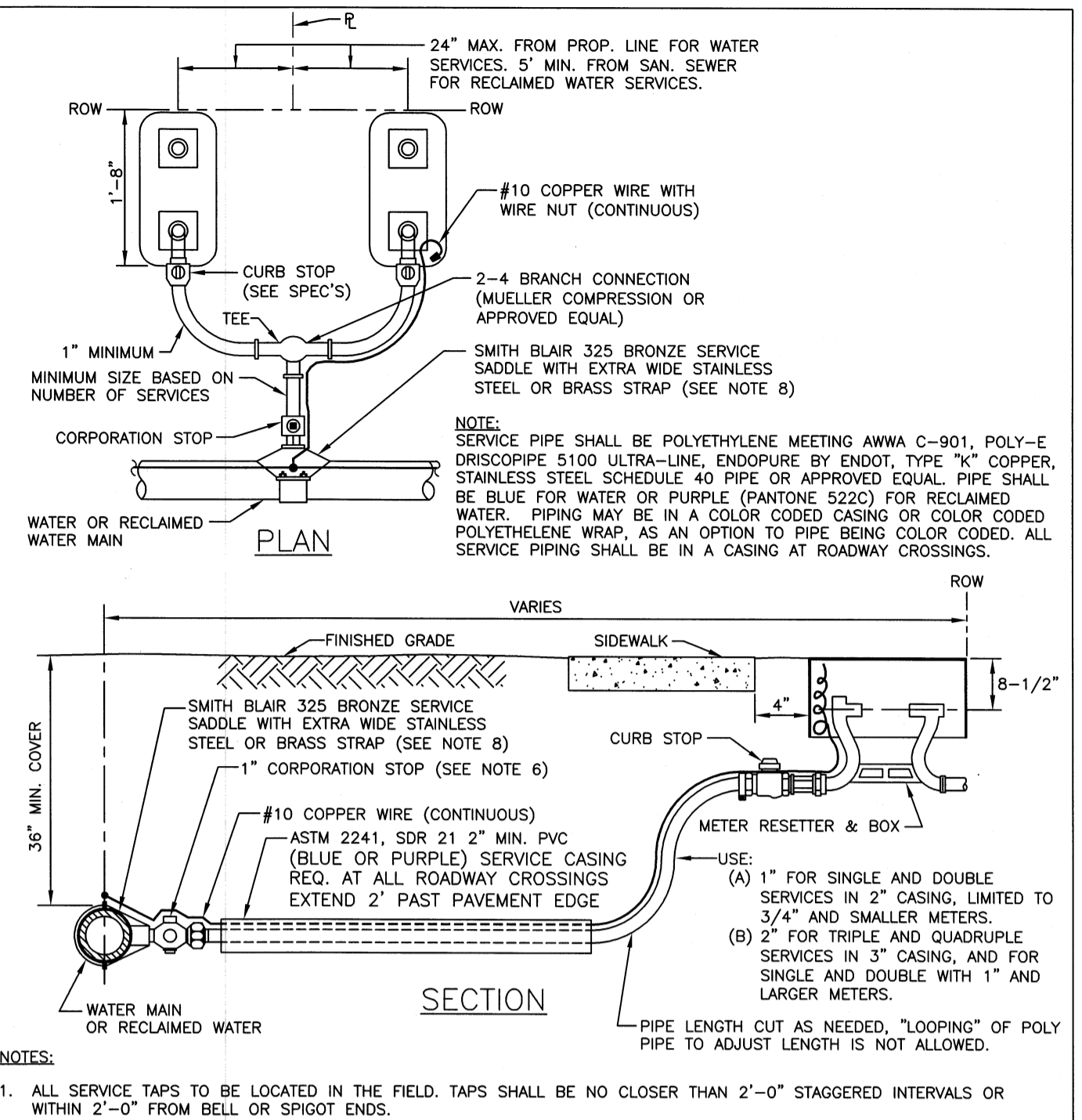
- NOTES:**
- "WM" OR "RW" TO BE IMPRESSED INTO THE NEWLY-POURED CONCRETE CURB, ALONG WITH DISTANCE IN FEET TO THE VALVE. IF NO CURB, INSTALL A BLUE DISC WITH "WM" OR PURPLE DISC WITH "RW" AND A 1/8"x1" GALVANIZED STEEL SCREW IN THE EDGE OF PAVEMENT WITH THE FOOTAGE FROM THE DISC TO THE VALVE.
  - ALL EXISTING AND PROPOSED VALVE BOXES SHALL BE ADJUSTED TO FINISHED GRADES AS DETERMINED IN THE FIELD.
  - WATER VALVES SHALL NOT BE PLACED IN HANDICAPPED RAMPS.
  - PRECAST CONCRETE PADS & THRUST BLOCKS SHALL NOT BE USED.
  - ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/2".
  - FOR VALVES 18" AND LARGER, USE BUTTERFLY VALVES.
  - PIPELINE DIRECTION TO BE IMPRESSED INTO NEWLY FORMED CONCRETE PAD.
  - TRACER WIRE TEST STATION BOX IS NOT REQUIRED IN VALVE BOX PAD IF THE GATE VALVE IS LOCATED WITHIN 200 FEET OF A WATER SERVICE, BLOW-OFF, BACKFLOW PREVENTER OR FIRE HYDRANT THAT HAS A TRACER WIRE BOX.
  - WHERE THRUST BLOCK NOT USED, RESTRAINED JOINTS MUST THEN EXTEND FROM TEE FULL LENGTH SPECIFIED FOR "TEES".
  - BINGHAM & TAYLOR P2000FC FOR NORMAL YARD SERVICE, WHERE VALVE WILL BE IN STREET OR PARKING UNDER VEHICLE TRAFFIC, USE P525RD CENTERED IN SEPARATE CONCRETE PAD SIMILAR TO STANDARD VALVE BOX PAD.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		GATE VALVE, BOX, LID AND TAG	UW-2
REV BY	DATE	PAGE 120	
CLB/KE	11/10		
MAY 10, 2011			
DATE OF APPROVAL			



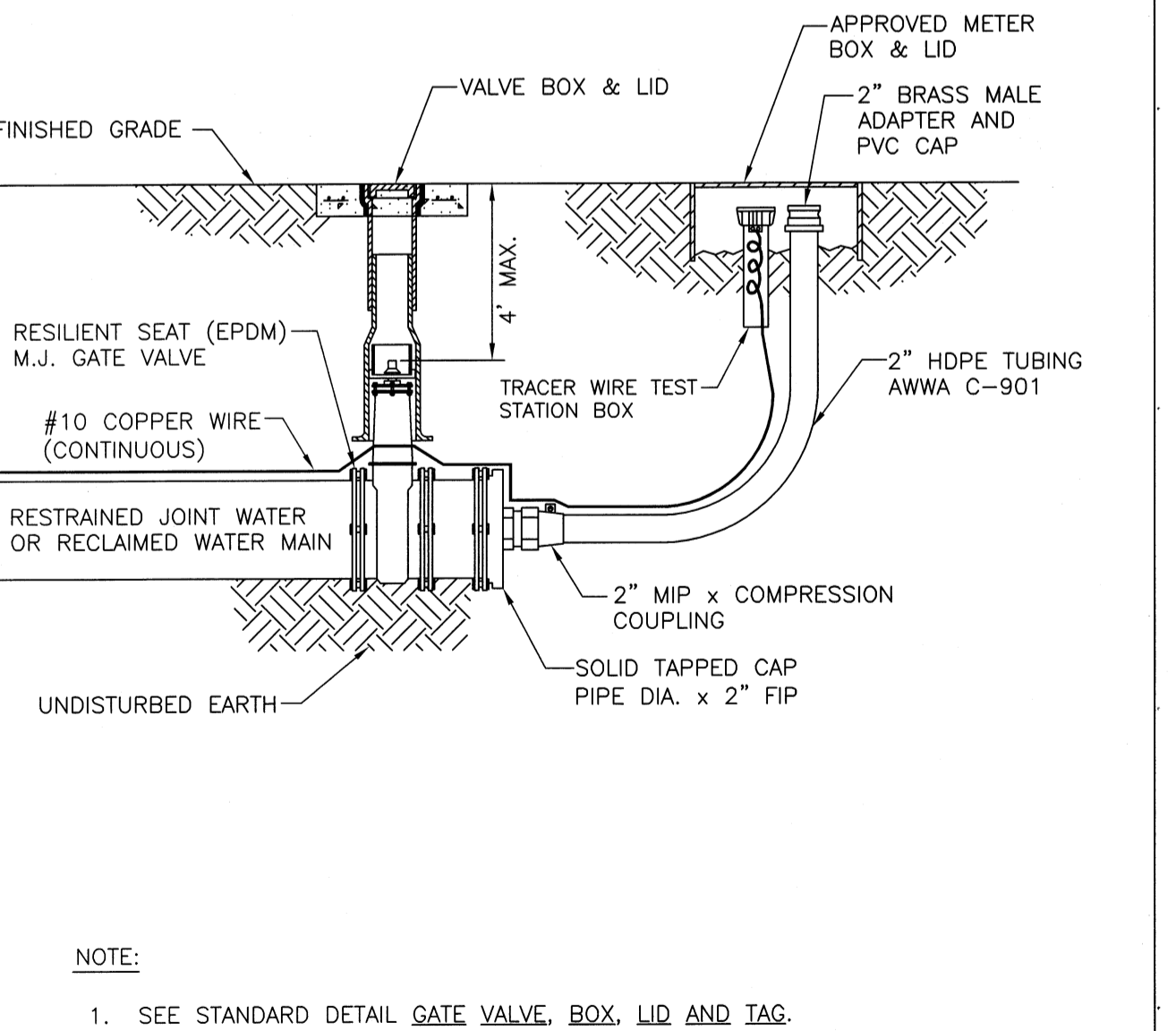
- NOTES:**
- FORD 40 SERIES RESETTERS VB43 AND VB44 OR EQUAL FOR 3/4" OR 1" METERS ALSO ALLOWED.
  - METER BOX AND RESETTER ARE TO BE INSTALLED BY THE INFRASTRUCTURE CONTRACTOR AND SHALL NOT BE SET IN DRAINAGE SWALES, SIDEWALKS OR DRIVEWAYS.
  - FOR COMPLETE SERVICE CONNECTION ASSEMBLY, SEE DETAIL TYPICAL SERVICE CONNECTION.
  - WHEN THE DISTANCE BETWEEN THE EDGE OF THE SIDEWALK AND THE R/W IS ONE FOOT (CUL-DE-SAC W/ MEDIUM) A 10-FOOT-WIDE PUBLIC UTILITY EASEMENT SHALL BE LOCATED IN THE FRONT OF THE LOTS, ADJACENT TO THE ROW.
  - 3" MINIMUM CLEARANCE FROM LANDSCAPING PLANTS TO EDGE OF METER, CLEAR ACCESS OPENING TO STREET.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		METER BOX ASSEMBLY FOR 5/8" X 3/4", 3/4" & 1" METERS	UW-17
REV BY	DATE	PAGE 135	
CLB/BR	11/10		
MAY 10, 2011			
DATE OF APPROVAL			



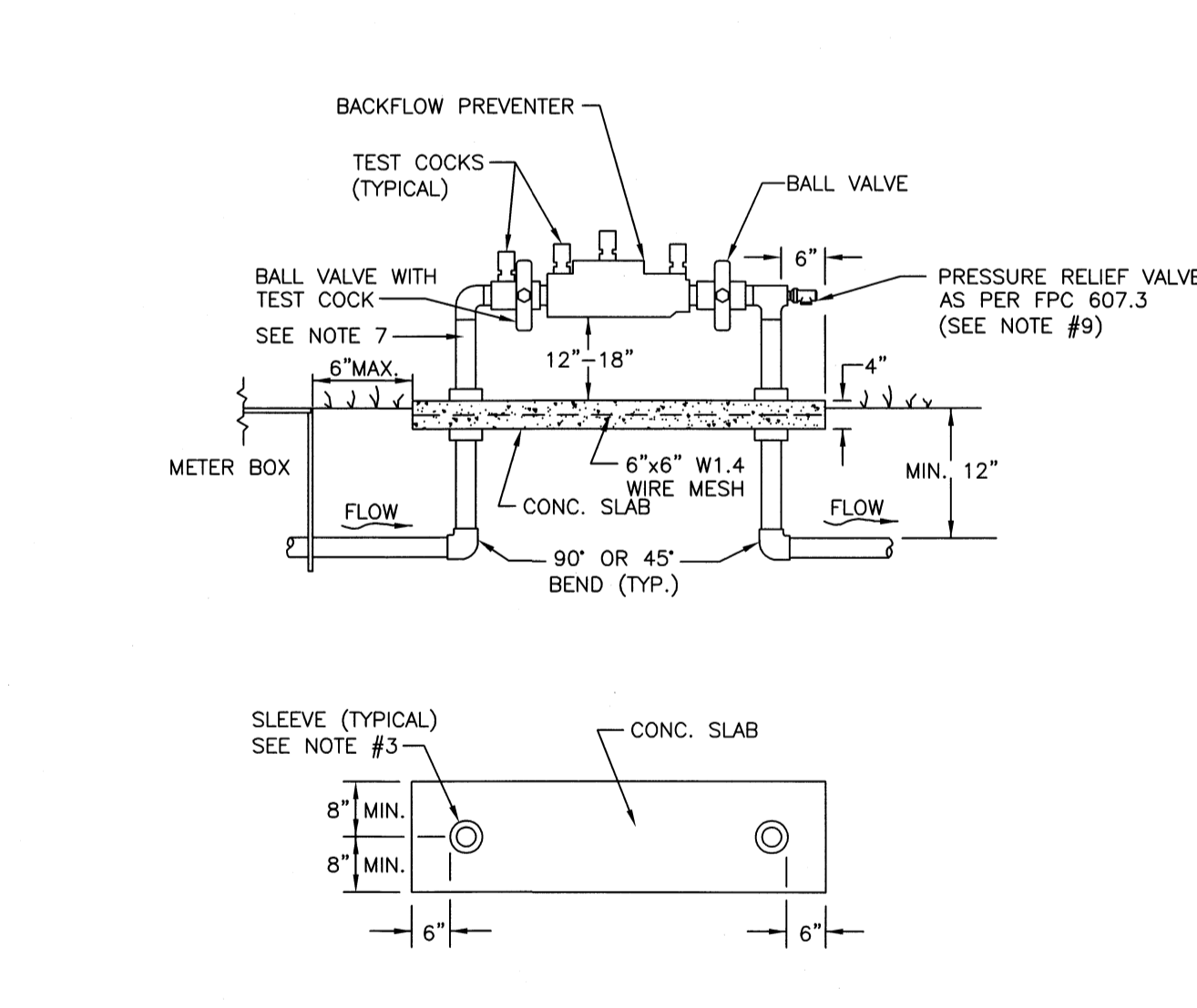
- NOTES:**
- ALL SERVICE TAPS TO BE LOCATED IN THE FIELD. TAPS SHALL BE NO CLOSER THAN 2'-0" STAGGERED INTERVALS OR WITHIN 2'-0" FROM BELL OR SPIGOT ENDS.
  - METER BOXES & RESETTERS ARE TO BE INSTALLED BY THE INFRASTRUCTURE CONTRACTOR AND SHALL NOT BE SET IN DRAINAGE SWALES, SIDEWALKS OR DRIVEWAYS.
  - "WM" OR "RW" TO BE IMPRESSED INTO THE NEWLY Poured CONCRETE CURB ALONG WITH DISTANCE IN FEET TO THE METER. IF NO CURB, INSTALL A BLUE DISC WITH "WM" OR PURPLE DISC WITH "RW" AND A 1/8"x1" GALVANIZED STEEL SCREW IN THE EDGE OF PAVEMENT WITH THE DISTANCE (IN FEET) FROM THE DISC TO THE METER.
  - #10 COPPER WIRE SHALL BE INSTALLED WITH WATER AND RECLAIMED MAIN AND ALL SERVICES. SERVICE WIRE SHALL BE CONNECTED TO THE TRACER WIRE ALONG THE MAIN.
  - WATER AND RECLAIMED WATER SERVICE LINES TO BE 5" MINIMUM FROM SEWER SERVICE PIPES.
  - FOR 2" SERVICES REPLACE CORPORATION STOP WITH 2" RESILIENT WEDGE FIP GATE VALVE W/BOX, LID & TAG.
  - WHEN THE DISTANCE BETWEEN THE EDGE OF THE SIDEWALK AND THE ROW IS ONE FOOT (CUL-DE-SAC W/MEDIUM) A 10-FOOT-WIDE PUBLIC UTILITY EASEMENT SHALL BE LOCATED IN THE FRONT OF THE LOTS, ADJACENT TO THE ROW.
  - FOR HOPE MAINS, USE ROMAC 306H SS OR CENTRAL PLASTICS ELECTRO FUSION CORP SADDLE.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		TYPICAL SERVICE CONNECTION	UW-19
REV BY	DATE	PAGE 137	
CLB/BR	11/10		
MAY 10, 2011			
DATE OF APPROVAL			



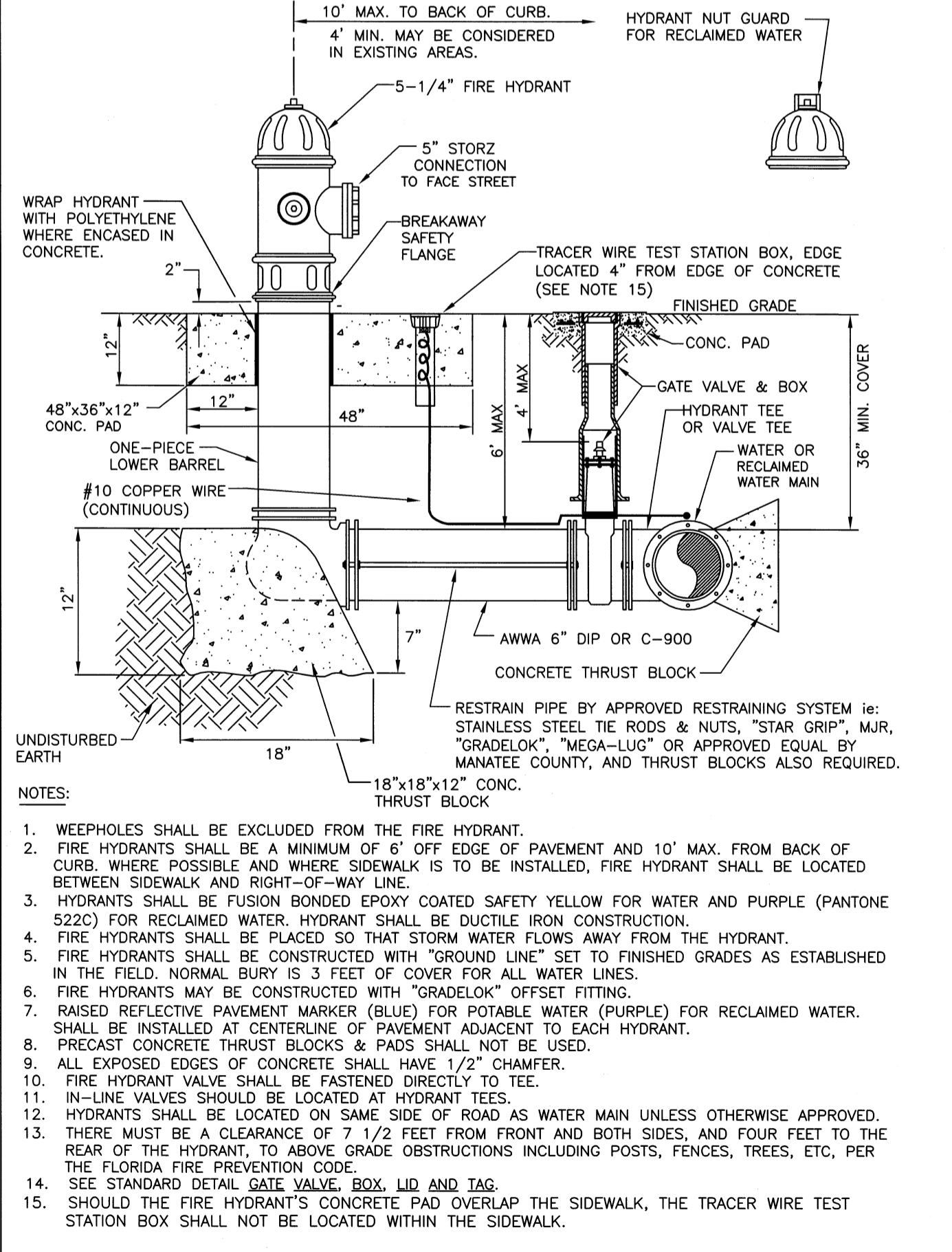
- NOTE:**
- SEE STANDARD DETAIL GATE VALVE, BOX, LID AND TAG.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		2" BLOW-OFF ASSEMBLY FOR 10" MAINS AND SMALLER	UW-7
REV BY	DATE	PAGE 125	
CLB/KE	11/10		
MAY 10, 2011			
DATE OF APPROVAL			



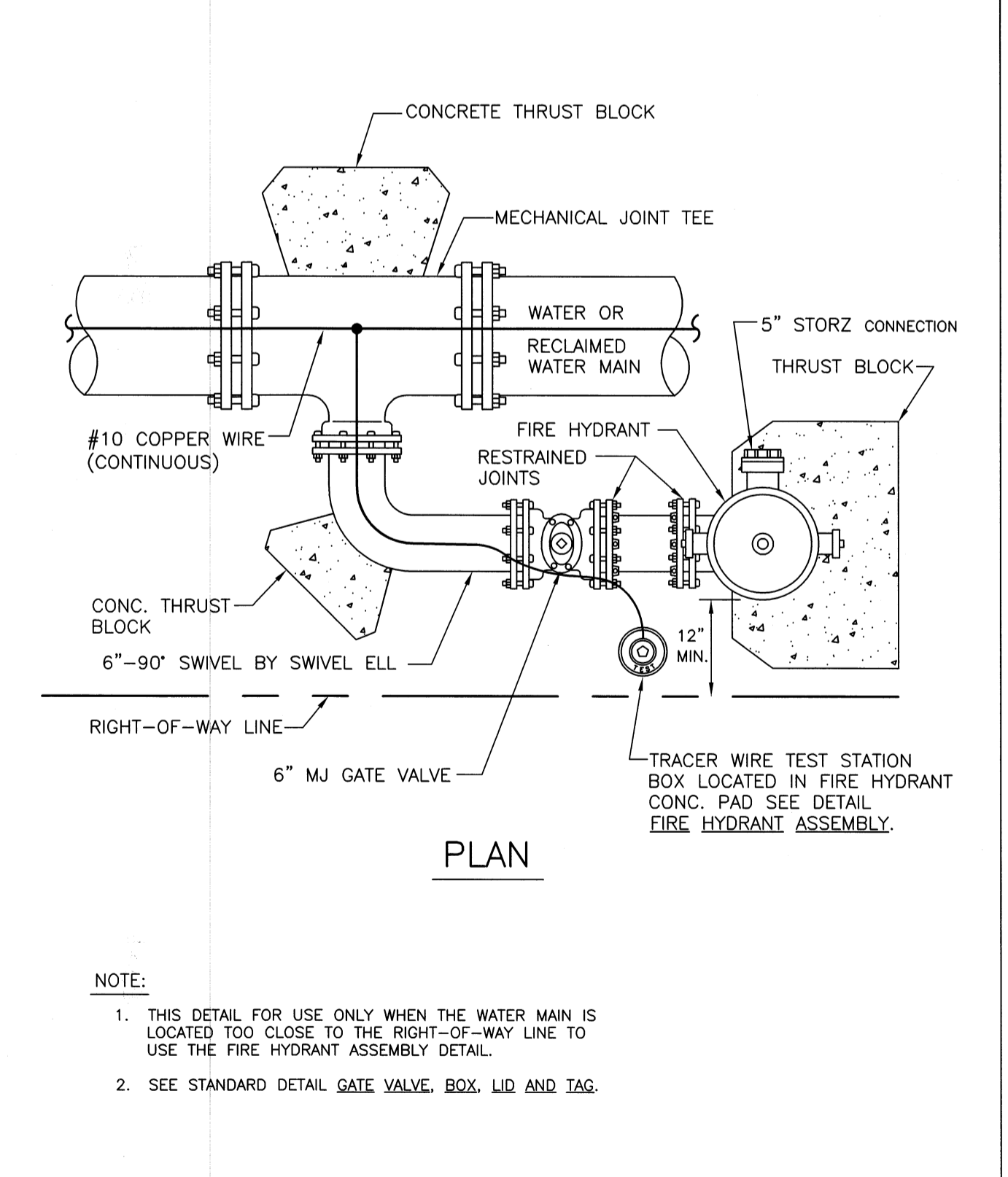
- NOTES:**
- BACKFLOW DEVICE MUST BE INSTALLED IMMEDIATELY DOWNSTREAM OF METER, AS SHOWN ABOVE.
  - COPPER PIPE TYPE "K" OR BRASS PIPE MINIMUM SCHEDULE 40 SHALL BE USED TO A MINIMUM DEPTH OF 12" BELOW GRADE.
  - PIPES PASSING THROUGH OR ENCASED IN CONCRETE MUST BE PROPERLY PROTECTED AND SLEEVED.
  - THE SYSTEM MUST MEET ALL REQUIREMENTS OF THE FLORIDA PLUMBING CODE (LATEST EDITION) AND THE MANATEE COUNTY BACKFLOW PREVENTION ORDINANCE (LATEST EDITION).
  - ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1/2".
  - BACKFLOW PREVENTER SHALL BE TESTED AT THE TIME OF INSTALLATION.
  - PRESSURE REDUCING VALVE REQUIRED UPSTREAM OF BACKFLOW IF SYSTEM PRESSURE EXCEEDS 80 PSI.
  - 3" MINIMUM CLEARANCE FROM LANDSCAPING PLANTS TO EDGE OF CONCRETE SLAB AND CLEAR OPENING FOR ACCESS FROM STREET.
  - IN ADDITION TO THE PRV, THE BUILDING DEPT. MAY REQUIRE AN APPROVED DEVICE FOR THERMAL EXPANSION CONTROL.
  - REFER TO DETAIL WATER METER & BACKFLOW PREVENTER FOR LIET STATIONS FOR WATER SERVICE AT SEWAGE PUMPING STATION.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		3/4" & 1" BACKFLOW PREVENTER	UW-12
REV BY	DATE	PAGE 130	
CLB/BR	11/10		
MAY 10, 2011			
DATE OF APPROVAL			



- NOTES:**
- WEEPHOLES SHALL BE EXCLUDED FROM THE FIRE HYDRANT.
  - FIRE HYDRANTS SHALL BE A MINIMUM OF 6' OFF EDGE OF PAVEMENT AND 10' MAX. FROM BACK OF CURB, WHERE POSSIBLE AND WHERE SIDEWALK IS TO BE INSTALLED, FIRE HYDRANT SHALL BE LOCATED BETWEEN SIDEWALK AND RIGHT-OF-WAY LINE.
  - HYDRANTS SHALL BE FUSION BONDED EPOXY COATED SAFETY YELLOW FOR WATER AND PURPLE (PANTONE 522C) FOR RECLAIMED WATER. HYDRANT SHALL BE DUCTILE IRON CONSTRUCTION.
  - FIRE HYDRANTS SHALL BE PLACED SO THAT STORM WATER FLOWS AWAY FROM THE HYDRANT.
  - FIRE HYDRANTS SHALL BE CONSTRUCTED WITH "GROUND LINE" SET TO FINISHED GRADES AS ESTABLISHED IN THE FIELD. NORMAL BURY IS 3 FEET OF COVER FOR ALL WATER LINES.
  - FIRE HYDRANTS MAY BE CONSTRUCTED WITH "GRADELOK" OFFSET FITTING.
  - RAISED REFLECTIVE PAVEMENT MARKER (BLUE) FOR POTABLE WATER (PURPLE) FOR RECLAIMED WATER, SHALL BE INSTALLED AT CENTERLINE OF PAVEMENT ADJACENT TO EACH HYDRANT.
  - PRECAST CONCRETE THRUST BLOCKS & PADS SHALL NOT BE USED.
  - ALL EXPOSED EDGES OF CONCRETE SHALL HAVE 1/2" CHAMFER.
  - FIRE HYDRANT VALVE SHALL BE FASTENED DIRECTLY TO TEE.
  - IN-LINE VALVES SHOULD BE LOCATED AT HYDRANT TEES.
  - HYDRANTS SHALL BE LOCATED ON SAME SIDE OF ROAD AS WATER MAIN UNLESS OTHERWISE APPROVED.
  - THERE MUST BE A CLEARANCE OF 7 1/2 FEET FROM FRONT AND BOTH SIDES, AND FOUR FEET TO THE REAR OF THE HYDRANT, TO ABOVE GRADE OBSTRUCTIONS INCLUDING POSTS, FENCES, TREES, ETC, PER THE FLORIDA FIRE PREVENTION CODE.
  - SEE STANDARD DETAIL GATE VALVE, BOX, LID AND TAG.
  - SHOULD THE FIRE HYDRANT'S CONCRETE PAD OVERLAP THE SIDEWALK, THE TRACER WIRE TEST STATION BOX SHALL NOT BE LOCATED WITHIN THE SIDEWALK.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		FIRE HYDRANT ASSEMBLY	UW-5
REV BY	DATE	PAGE 123	
CLB/KE	11/10		
MAY 10, 2011			
DATE OF APPROVAL			



- NOTE:**
- THIS DETAIL FOR USE ONLY WHEN THE WATER MAIN IS LOCATED TOO CLOSE TO THE RIGHT-OF-WAY LINE TO USE THE FIRE HYDRANT ASSEMBLY DETAIL.
  - SEE STANDARD DETAIL GATE VALVE, BOX, LID AND TAG.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT		FIRE HYDRANT WITH LOCKED 90° BEND	UW-6
REV BY	DATE	PAGE 124	
CLB/KE	11/10		
MAY 10, 2011			
DATE OF APPROVAL			

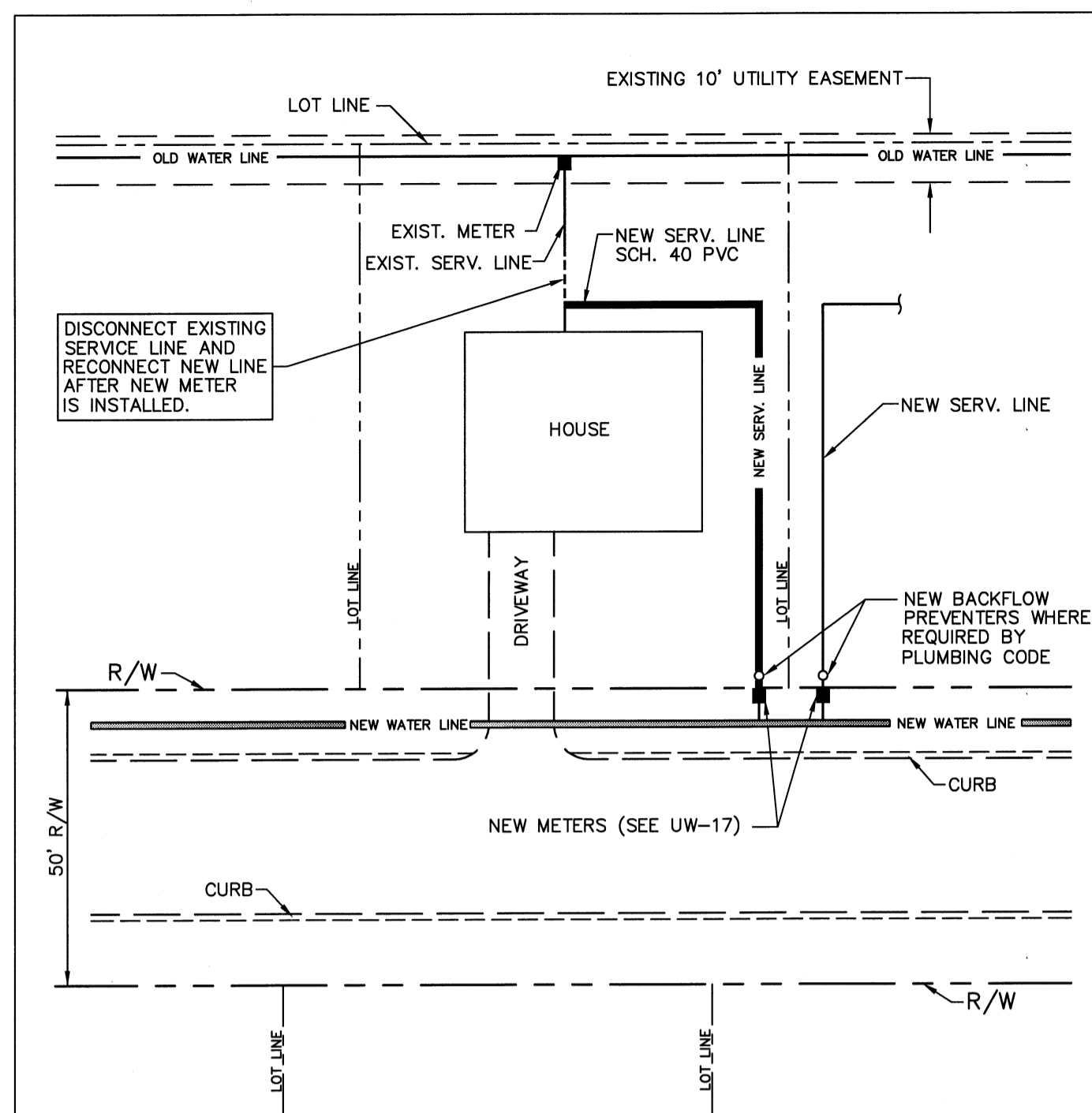
NO.	REVISION DESCRIPTION	DATE	BY

PROJECT # 404-6002870  
SURVEY # 10.171\_PH 23  
SEC./TWN./RGE 33/34/16E  
SCALE 1"=20'  
SURVEYED MCPMS 07/01/10  
DESIGNED JS 02/02/11  
DRAWN BR 02/02/11  
CHECKED

JAMES STOCKWELL, P.E.  
FLORIDA PROFESSIONAL ENGINEER #67198  
MANATEE COUNTY ENGINEERING SERVICES  
MANATEE COUNTY ENGINEER

SHEET 8 OF 8

**Anna Maria - Waterline Rehabilitation**  
**Phase 24 - Ave. C And 29th St. N.**  
**DETAILS**

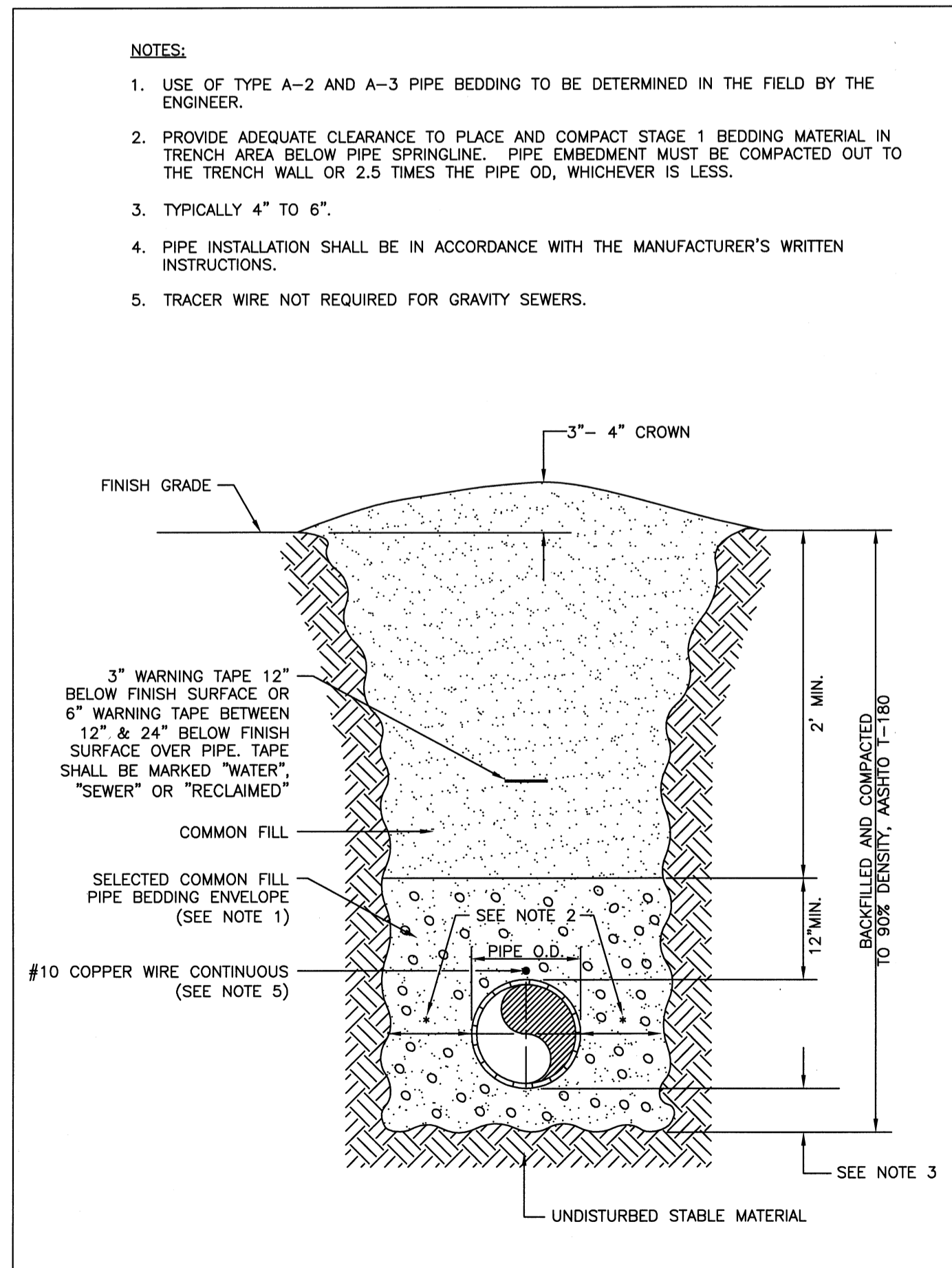


- NOTES:**
- EACH SITE MUST BE INCLUDED ON A BUILDING PERMIT.
  - RELOCATION SHALL BE BY LICENSED PLUMBER.
  - PLUMBER SHALL INSTALL A THERMAL EXPANSION TANK AND VACUUM BREAKERS ON HOSE BIBBS WHEN A BACKFLOW PREVENTION DEVICE IS PROVIDED.
  - DO NOT ENTER PROPERTY WITHOUT AUTHORIZATION FROM OWNER AND COUNTY.
  - 5 FEET MINIMUM SEPARATION BETWEEN WATER SERVICE AND SANITARY OR REUSE LINES.
  - WATER METER SHALL BE INSTALLED BY MANATEE COUNTY UTILITIES.
  - BACKFLOW PREVENTER SHALL BE AS SHOWN IN UW-12\*.
  - METER BOX INSTALLATION SHALL BE AS SHOWN IN UW-17\*.
  - SERVICE CONNECTION SHALL BE AS SHOWN IN UW-19\*.
  - TRANSFER OF SERVICE SHALL NOT DISRUPT SERVICE TO CUSTOMER FOR MORE THAN 4 HOURS - CUSTOMER TO BE NOTIFIED OF SERVICE DISRUPTION.
  - SEE MANATEE COUNTY PUBLIC WORKS UTILITY STANDARDS, MOST RECENT EDITION.

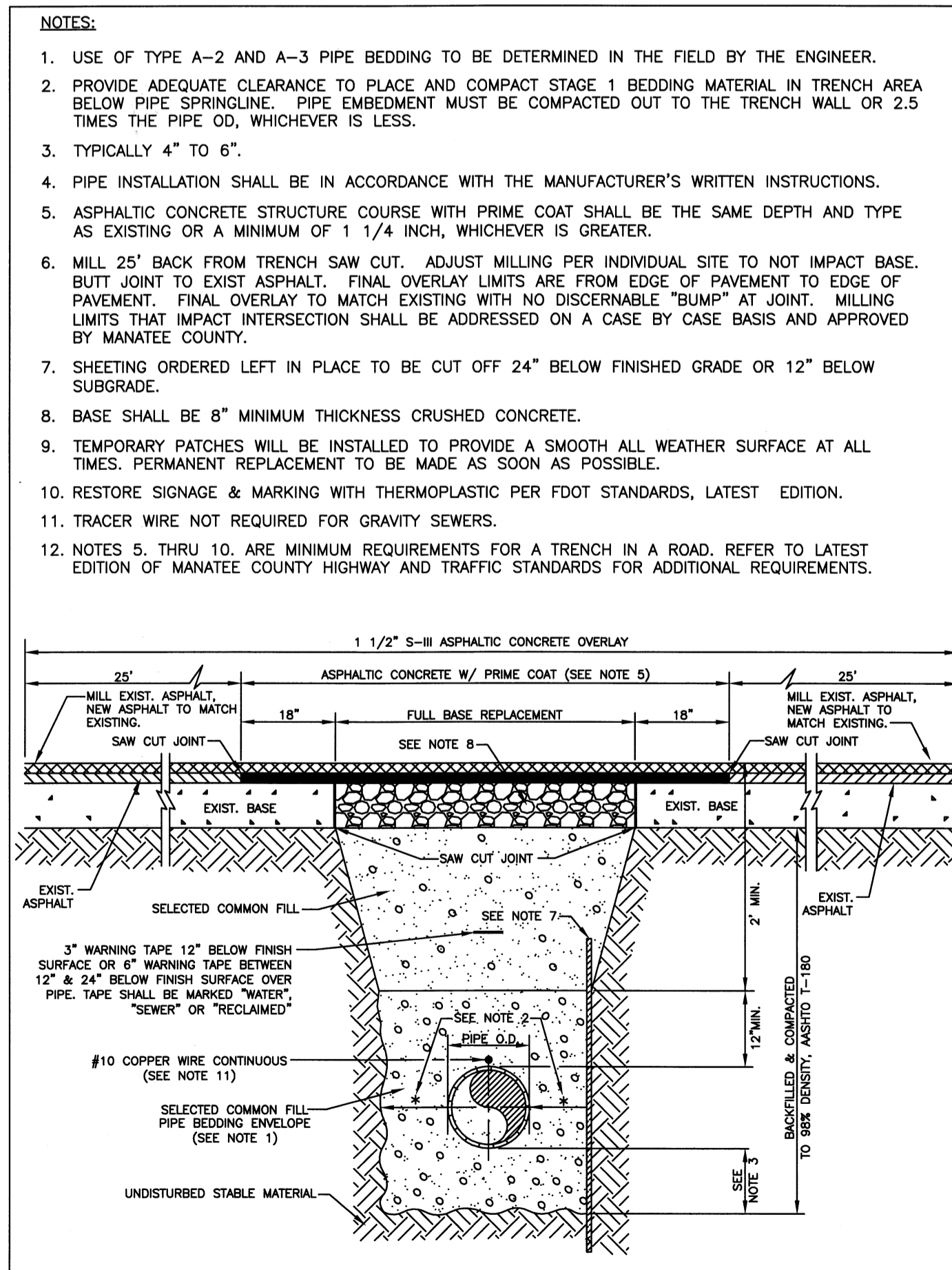
<b>MANATEE COUNTY</b> PROJECT MANAGEMENT DEPARTMENT		TYPICAL REAR TO FRONT SERVICE RELOCATION	UW-86
REV. BY	DATE		
JP/RF	9/07		
JS/KE	9/10		
	DATE OF APPROVAL		

- NOTES:**
- Unless noted, locations limited to - observable, above ground improvements, no underground improvements have been located except those shown hereon. some features may be exaggerated for clarity. dimensions shown supersede scaled dimensions.
  - This survey does not certify or warranty: title, zoning, easements, or freedom of encumbrances.
  - No instruments of record reflecting easements, rights-of-way and/or ownership are known by, or were furnished this surveyor except as shown hereon.
  - This survey meets the requirements of Chapter 5J-17, Florida Administrative Code, as it pertains to Topographic Surveys.
  - This drawing is not valid without the original raised seal and signature of the Florida Registered Surveyor & Mapper shown hereon. An electronic copy of this drawing must be verified with a signed and sealed drawing of the same.
  - Any additions or deletions to this sketch of survey by other than the signing party without written consent of the signing party is prohibited.
  - Subject to easements, dedications and restrictions of record not provided to the Surveyor and Mapper.
  - This survey does not reflect or determine ownership.
  - All measurements shown hereon are ground field measured unless specifically annotated, noted or otherwise stated on this sketch of survey.
  - The Basis of Bearing for this survey is the Survey Baseline (Station 80+00 to Station 100+00) Along Avenue 'C' which bears N13°23'19"W (Grid). The coordinates shown hereon were derived using Real Time Kinematic Method and The Florida Department of Transportation's Permanent Reference Network. The Datum for the values is the North American Datum 1983 (1999 Adjustment) Florida West Zone. The published values of "GIS 103" (PID AG9208) and "M 104" (PID AG9209) were used to validate the project coordinates, however, these values are not to be considered geodetic control.

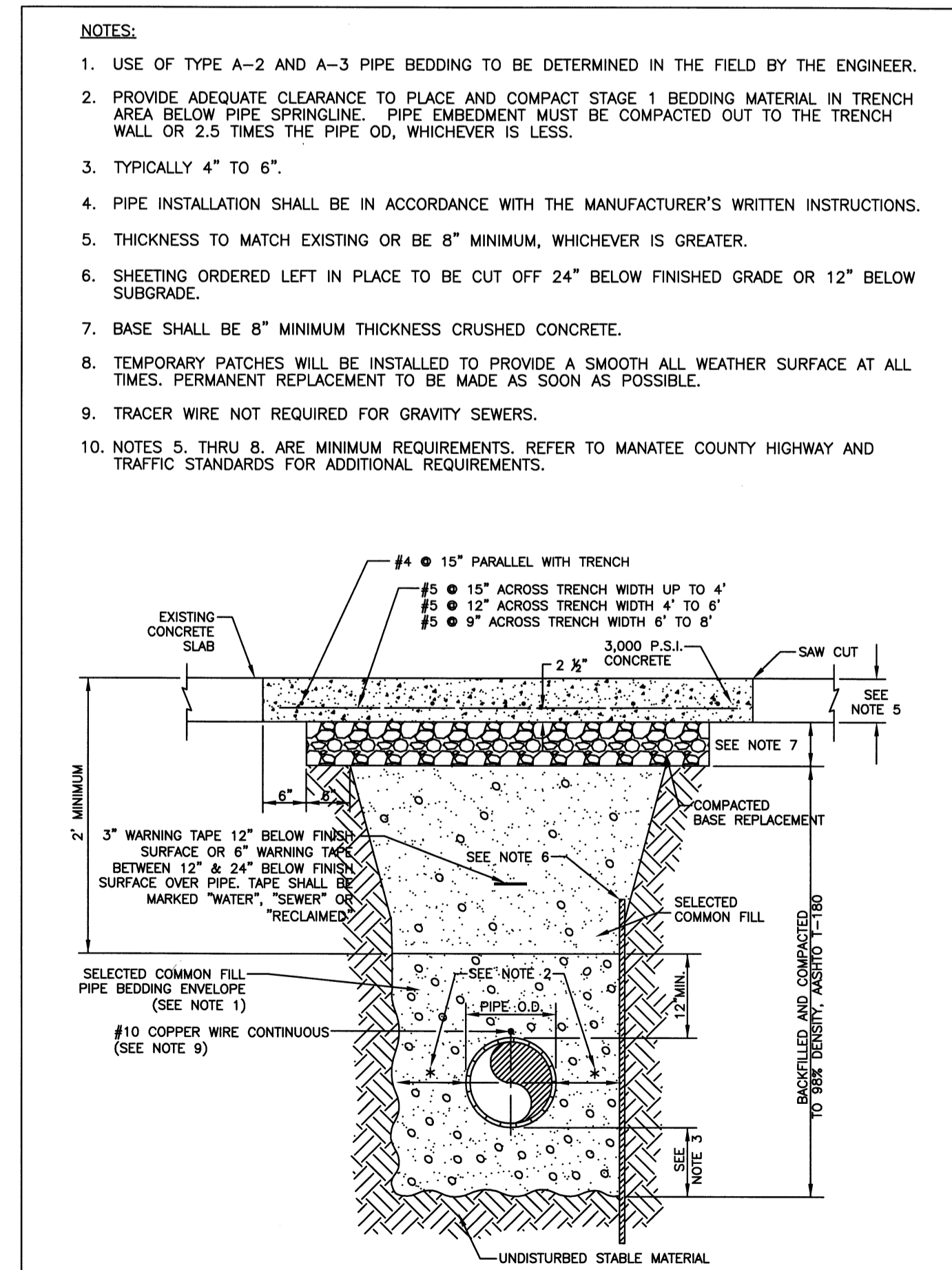
- NOTES: - Continued**
- The elevations shown hereon are based on Manatee County Benchmark 15-29-02, Published Elevation 3.700', National Geodetic Vertical Datum 1929 (NGVD29), and checked against Benchmark 15-29-01, Published Elevation 3.284', (NGVD29).
  - Site Benchmark #1 - Labeled "Control Point", Station 69+53.15, 13.40 RT, Elevation=4.184'.
  - Site Benchmark #2 - Labeled "BM 4", Station 72+50.63, 31.00 RT, Elevation=4.707'.
  - Parcel information shown hereon was gathered from the Manatee County Geographic Information Systems property locator web site.
  - All curbing depicted hereon is 2' Miami Curb unless otherwise noted.
  - Monumentation at property corners depicted were not recovered or set unless noted.
  - Care was taken to correctly identify types of trees, however, an Arborist or other qualified expert should be consulted if the species of the trees is critical to design or seeking permission to remove trees. Size of tree is measured diameter at breast height, in inches.
  - The 2009 Raster Image of Manatee County was provided by Manatee County Geographic Information Systems Division and has been incorporated into this survey for demonstrative purposes only.
  - The baseline in the field is identified by nail and discs marked "man.cty baseline", at the beginning, end, and every 100 ft. station.
  - Pipe sizes that are not noted could not be determined due to depth or prevented by limited access from top of structure.
  - This survey does not determine the connection of sanitary or storm structures.
  - This survey is intended to be plotted at a Scale: 1"=20' on a 22"x34" or Scale: 1"=40' on a 11"x17".



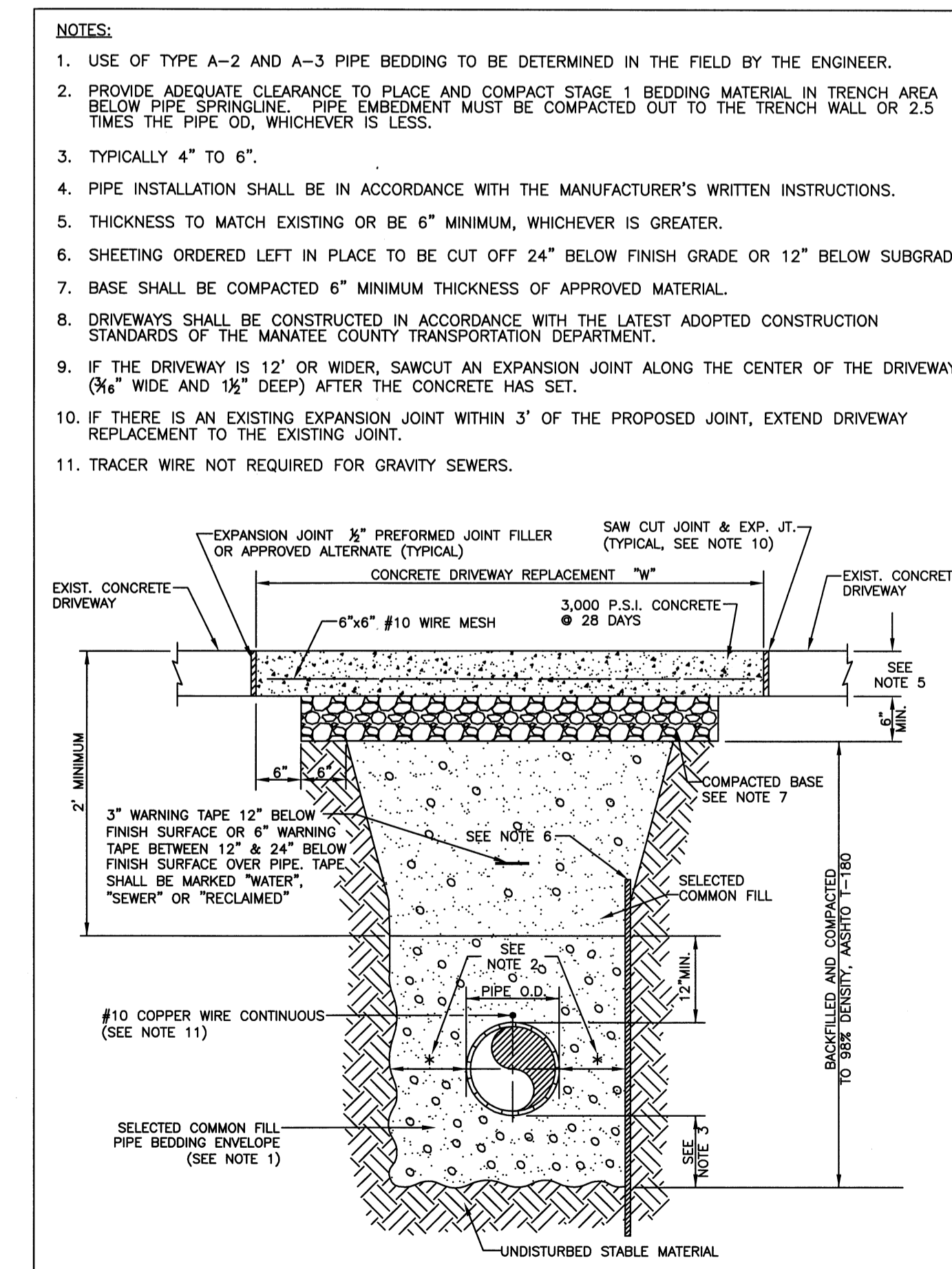
<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		TRENCH WITH UNIMPROVED SURFACE TYPE A-1 PIPE BEDDING	UG-11
REV. BY	DATE		
WRT/KE	03/11		
	MAY 10, 2011		
	DATE OF APPROVAL		



<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		TRENCH WITH ASPHALT PAVEMENT SURFACE TYPE A-1 PIPE BEDDING	UG-12
REV. BY	DATE		
WRT/KE	03/11		
	MAY 10, 2011		
	DATE OF APPROVAL		



<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		TRENCH WITH CONCRETE PAVEMENT SURFACE TYPE A-1 PIPE BEDDING	UG-13
REV. BY	DATE		
CLB/BR	11/10		
	MAY 10, 2011		
	DATE OF APPROVAL		

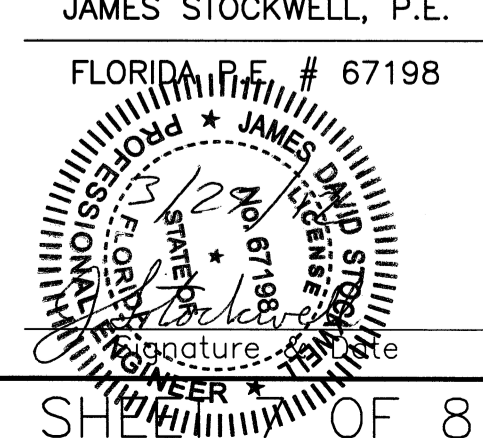


<b>MANATEE COUNTY</b> PUBLIC WORKS DEPARTMENT		TRENCH WITH CONCRETE DRIVEWAY SURFACE TYPE A-1 PIPE BEDDING	UG-14
REV. BY	DATE		
CLB/BR	11/10		
	MAY 10, 2011		
	DATE OF APPROVAL		

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	404-6002870
SURVEY #	10.171_PH 23
SEC./TWN./RGE	33/34/16E
SCALE	1"=20'
SURVEYED	BY DATE
DESIGNED	MC PMS 07/01/10
DRAWN	JS 02/02/11
CHECKED	BR 02/02/11

JAMES STOCKWELL, P.E.  
FLORIDA P.E. # 67198

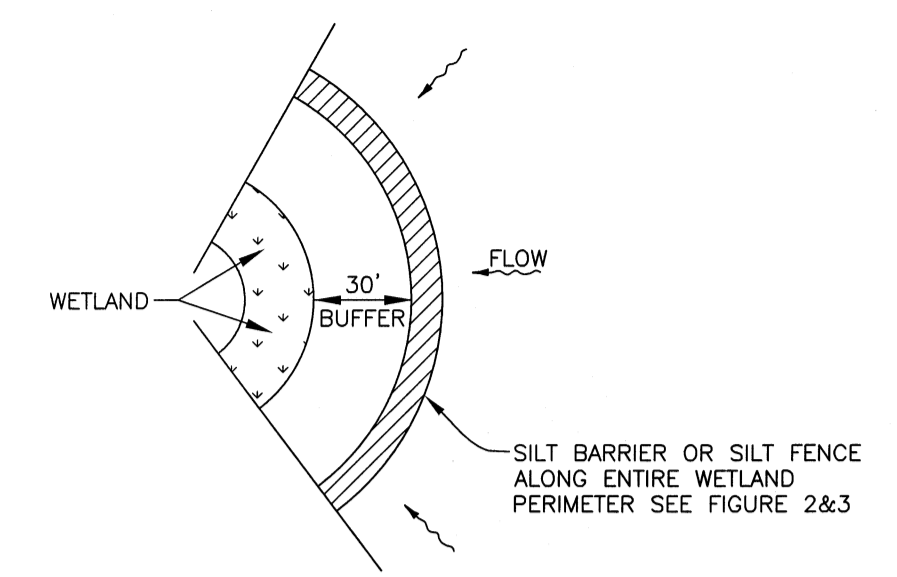


SHEET 8 OF 8

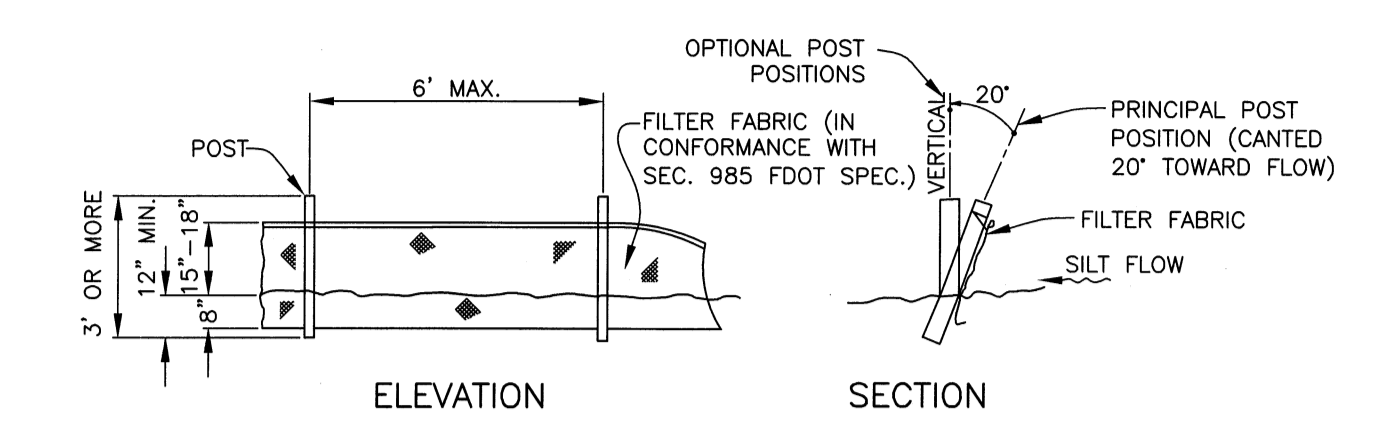
COPYRIGHT 2010, MANATEE COUNTY GOVERNMENT | S:\P\W\Engineering\Shore\U\U\_Eng\_Design\Proj\WTR LINE Proj\W\Water Distr Impr\PH-24\_28th St Ave A Ave B\DWSS\W\W\Improv PH 24.dwg Details 2\_3/29/2012 1:35 PM Core Boyer, J.L., Arch D (24x36in)

**Anna Maria - Waterline Rehabilitation  
Phase 24 - Ave. C From 28th TO 29th**

**EROSION CONTROL**

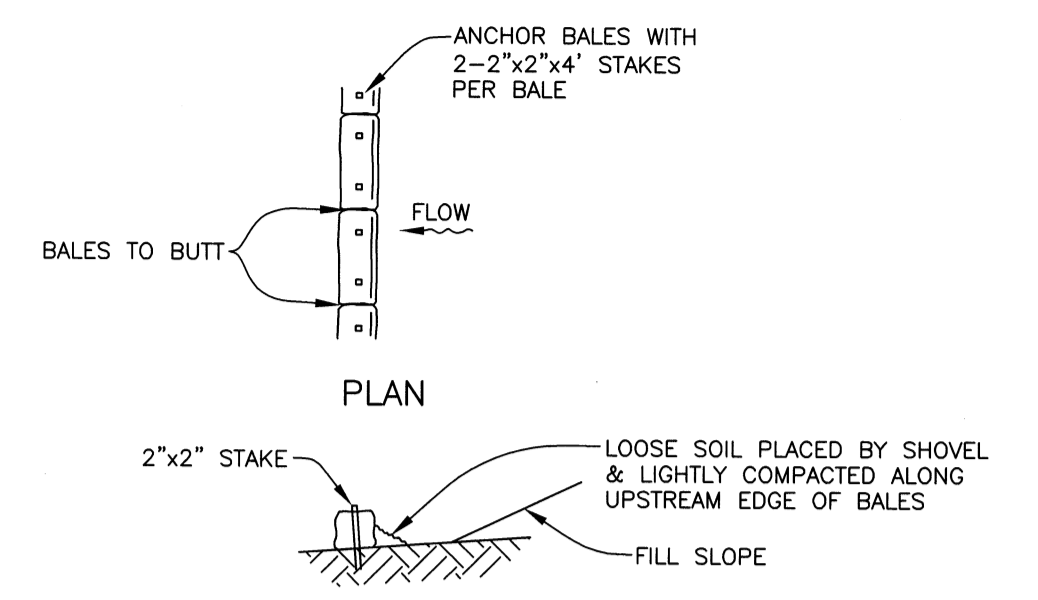


**WETLAND BUFFER**  
FIGURE 1

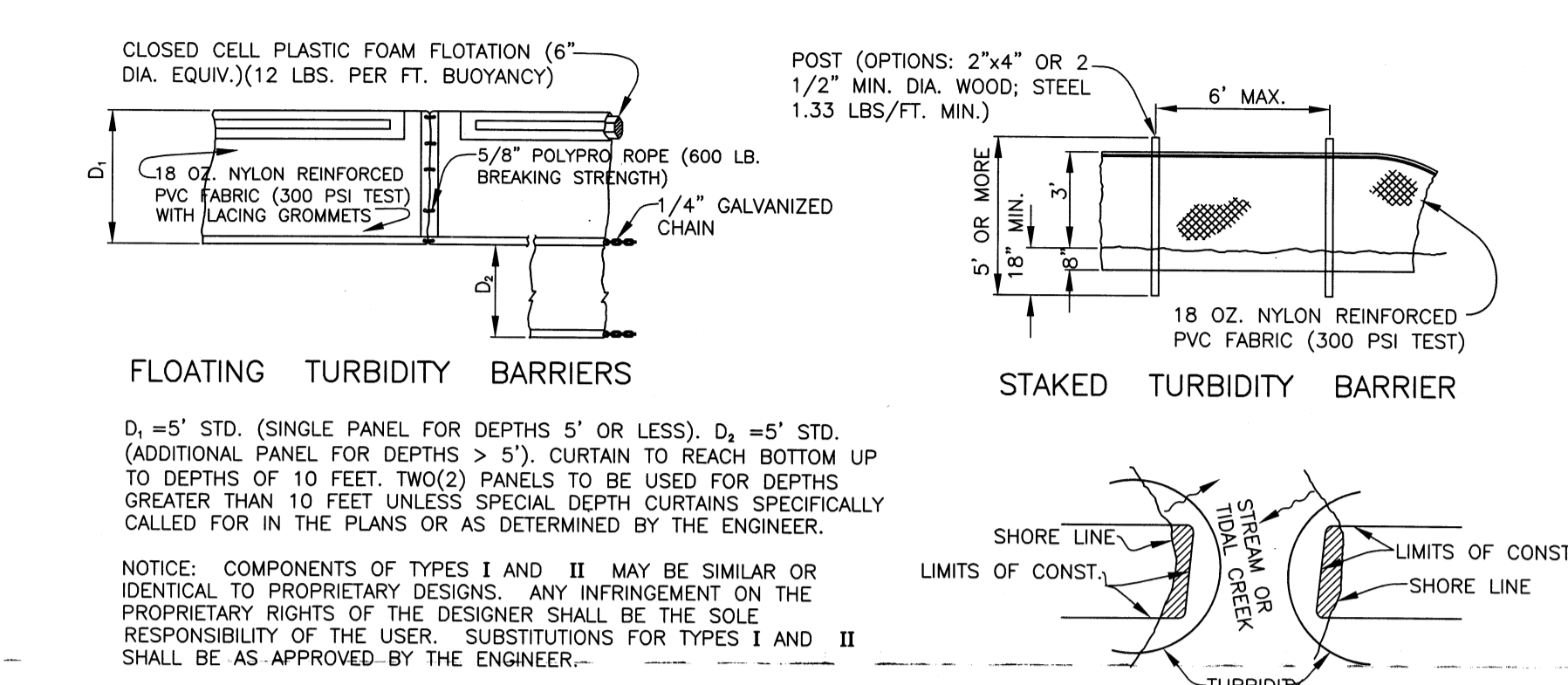


NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE (LF).

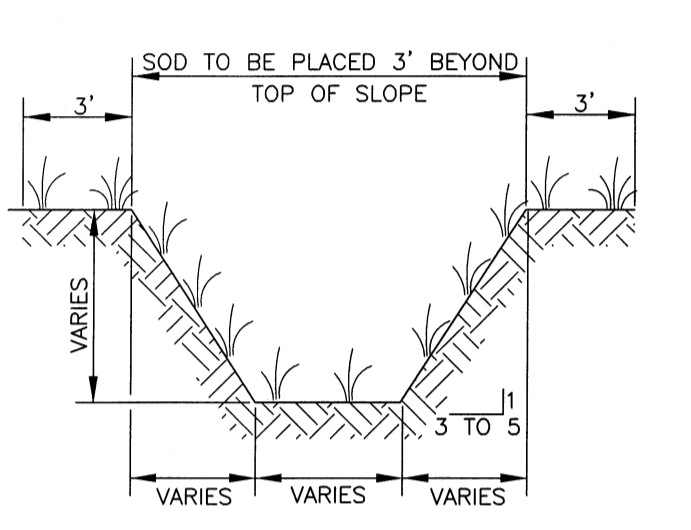
**TYPICAL SILT FENCE**  
FIGURE 2



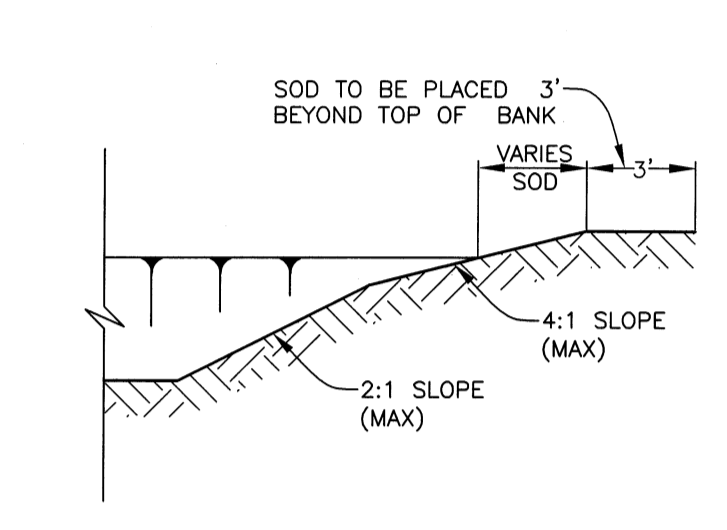
**TYPICAL BALE SILT BARRIER**  
FIGURE 3



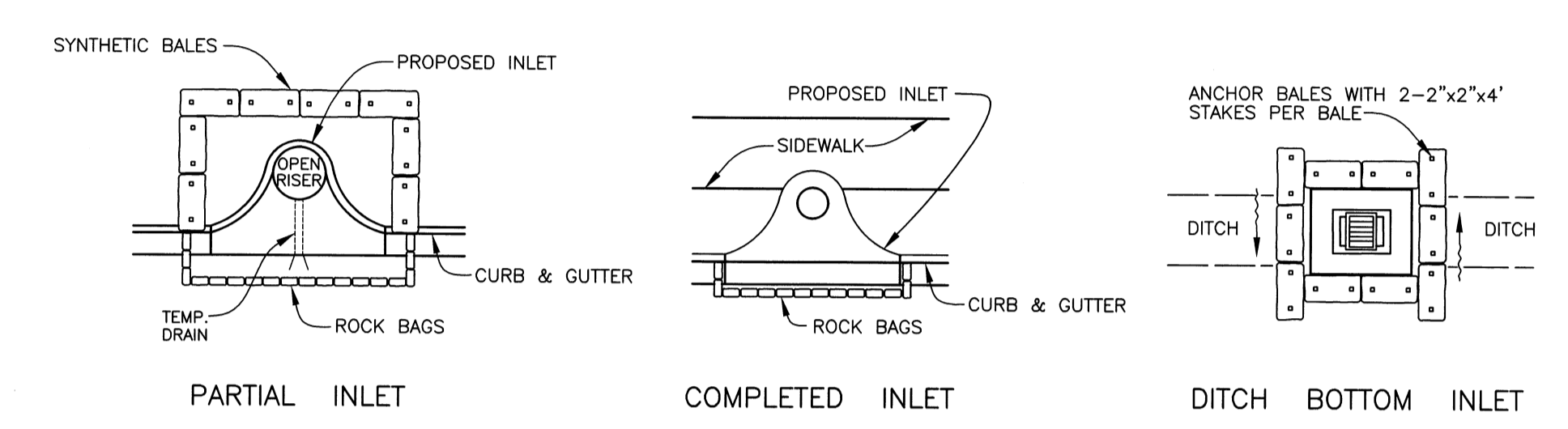
**TURBIDITY BARRIERS**  
FIGURE 4



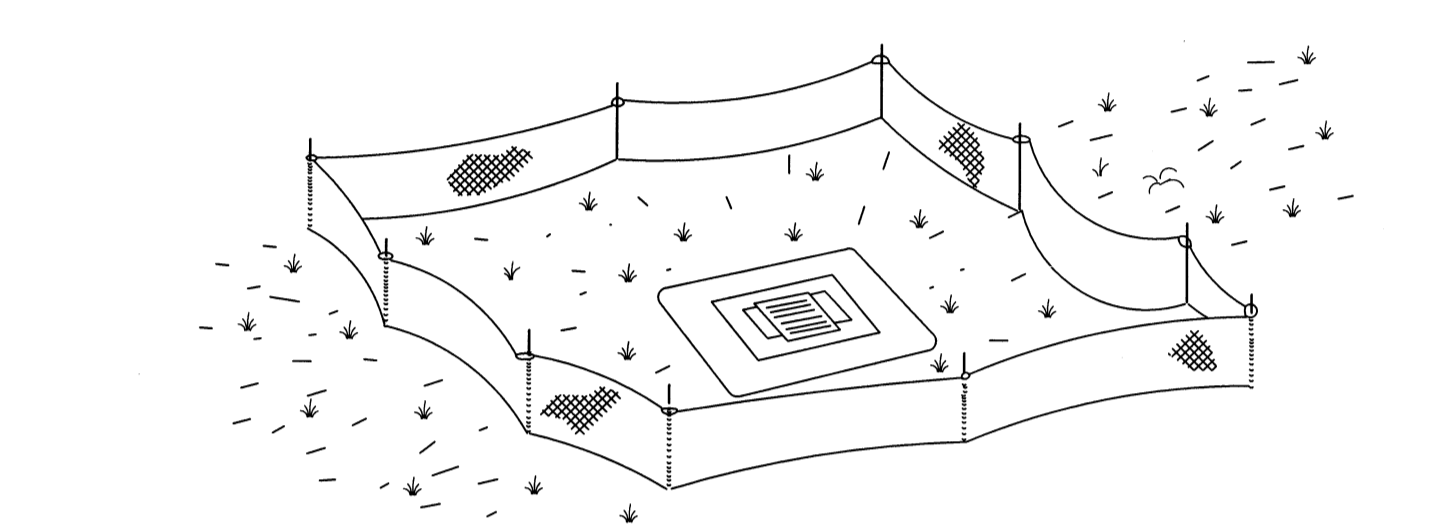
**TYPICAL SWALE SECTION**  
FIGURE 5



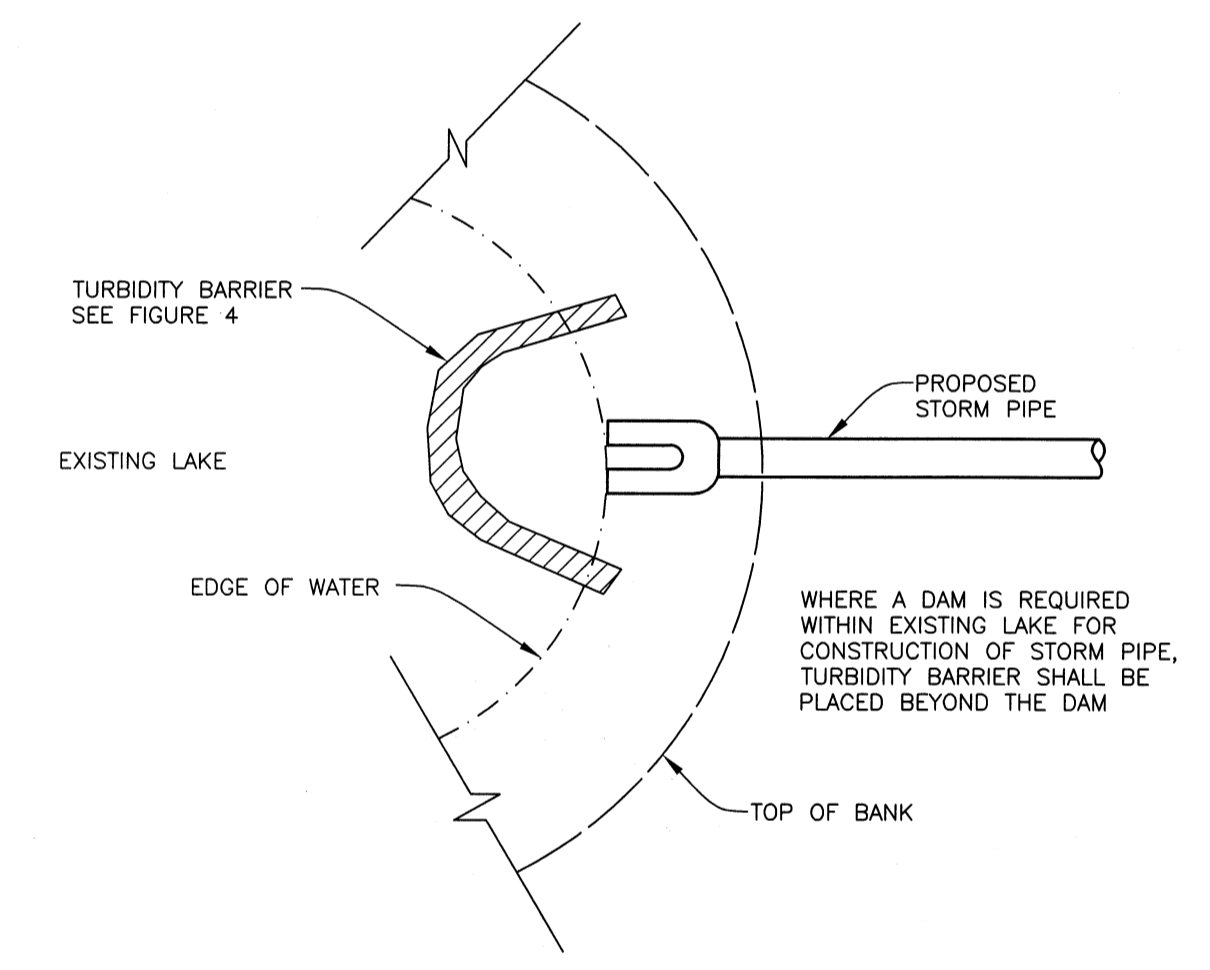
**TYPICAL RETENTION/DETENTION POND SECTION**  
FIGURE 6



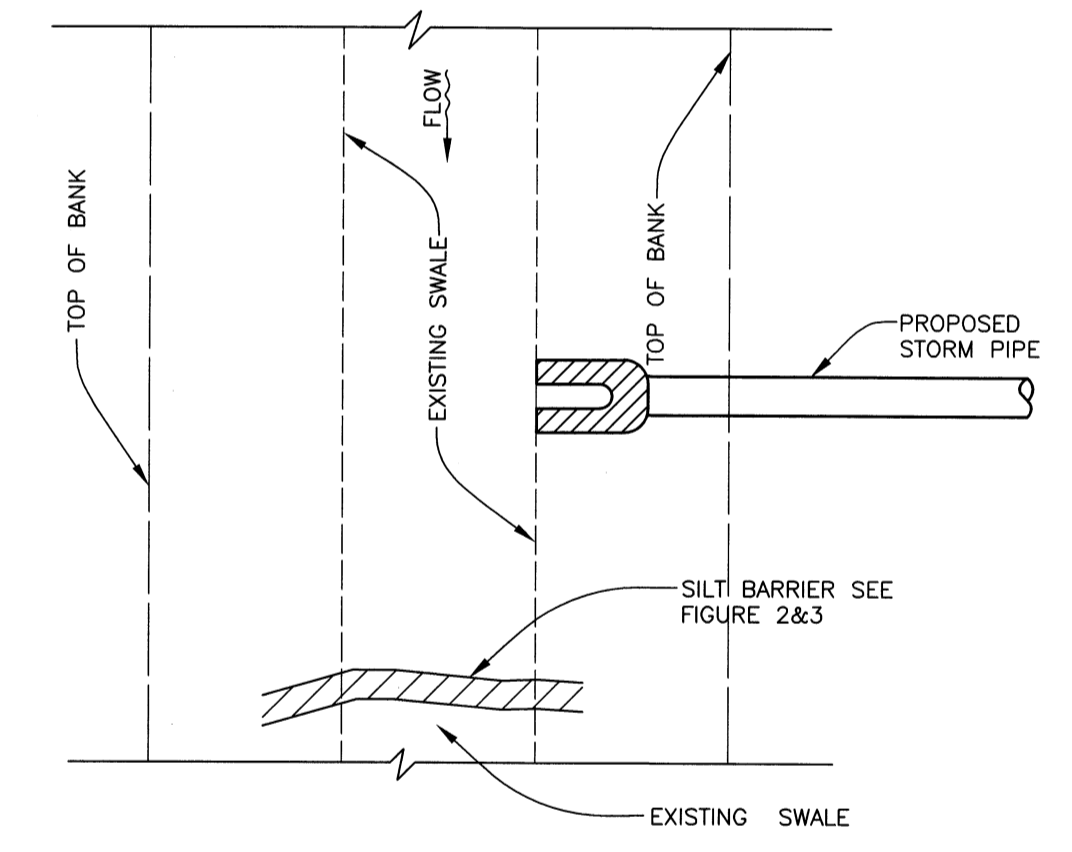
**SYNTHETIC BALE PROTECTION AROUND  
INLETS OR SIMILAR STRUCTURES**  
FIGURE 7



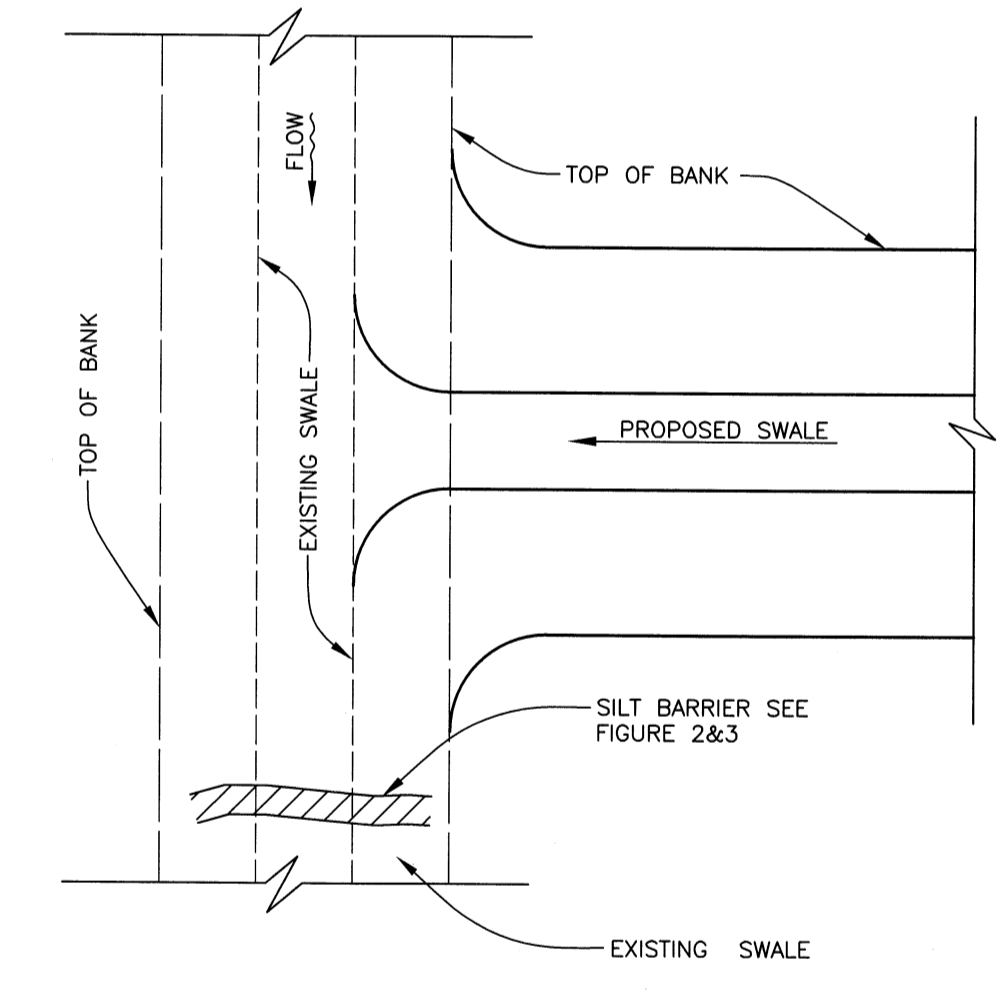
**TYPE III SILT FENCE PROTECTION  
AROUND DITCH BOTTOM INLETS**  
**STAKED SILT BARRIER OR SILT FENCE  
PROTECTION AROUND DITCH BOTTOM INLETS**  
FIGURE 8



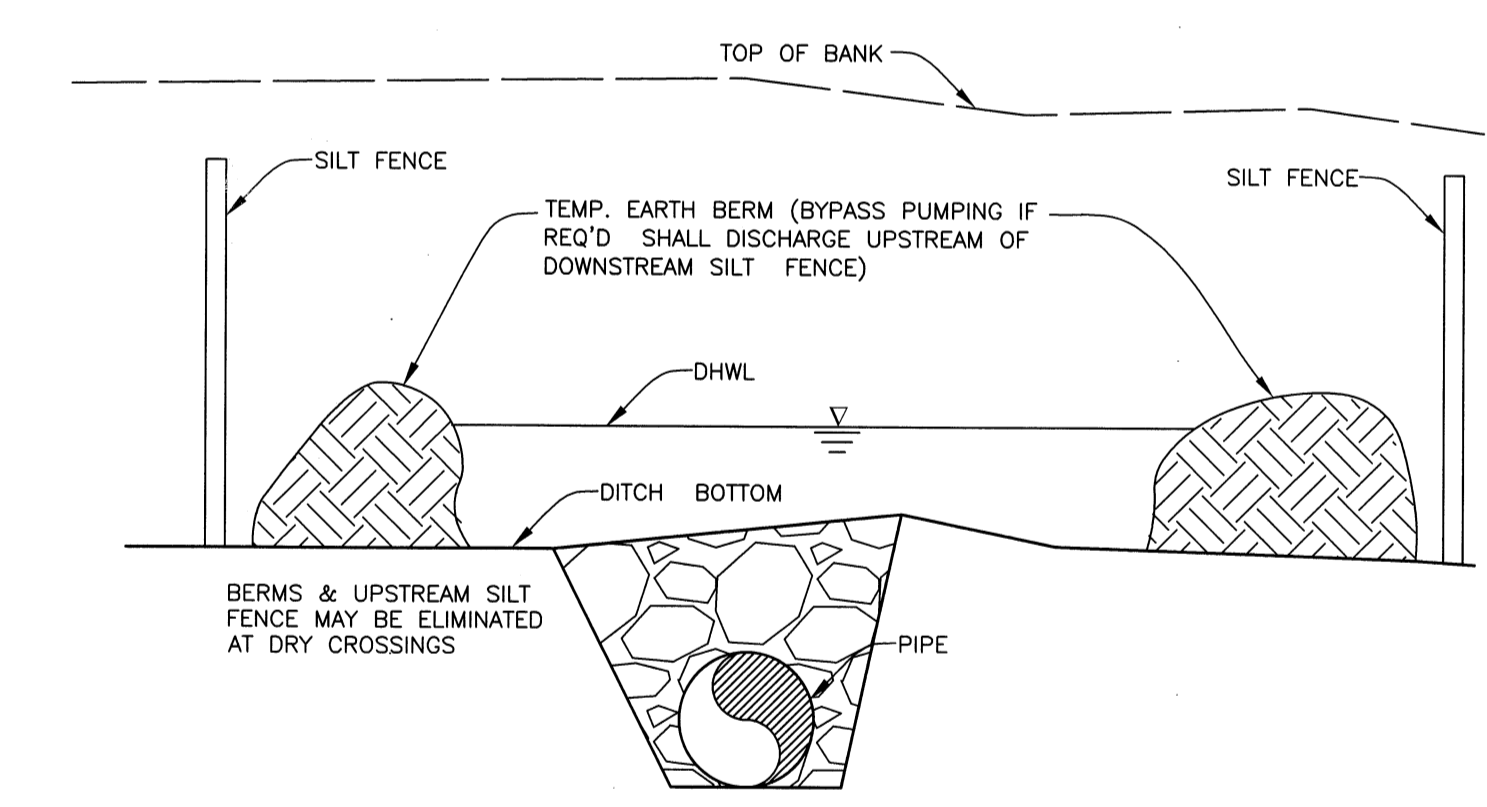
**TURBIDITY BARRIER AT CONNECTION OF  
STORM PIPE TO EXISTING LAKE**  
FIGURE 9



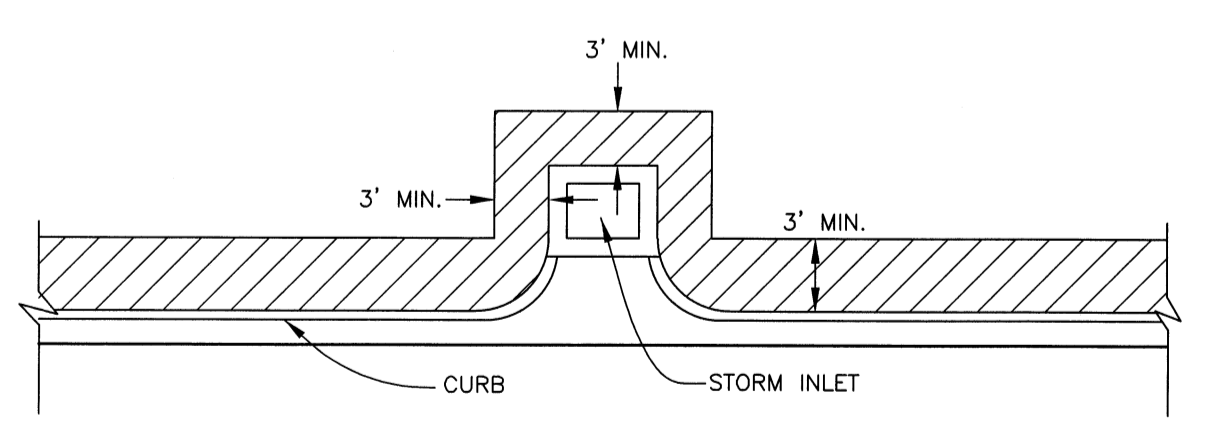
**SILT BARRIER AT CONNECTION OF  
STORM PIPE TO EXISTING SWALE**  
FIGURE 10



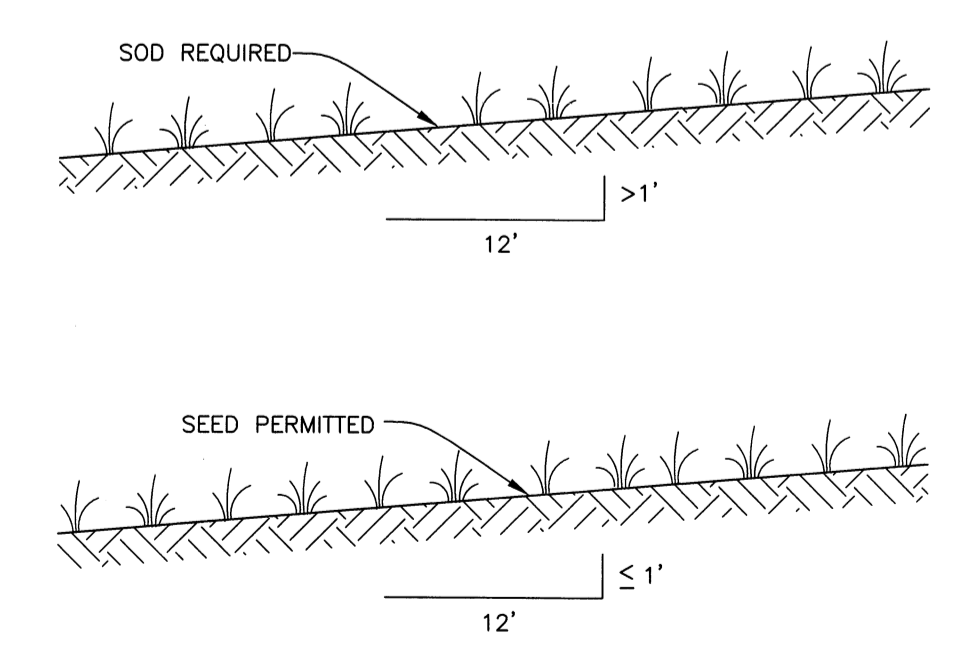
**SILT BARRIER AT CONNECTION  
OF SWALE TO EXISTING SWALE**  
FIGURE 11



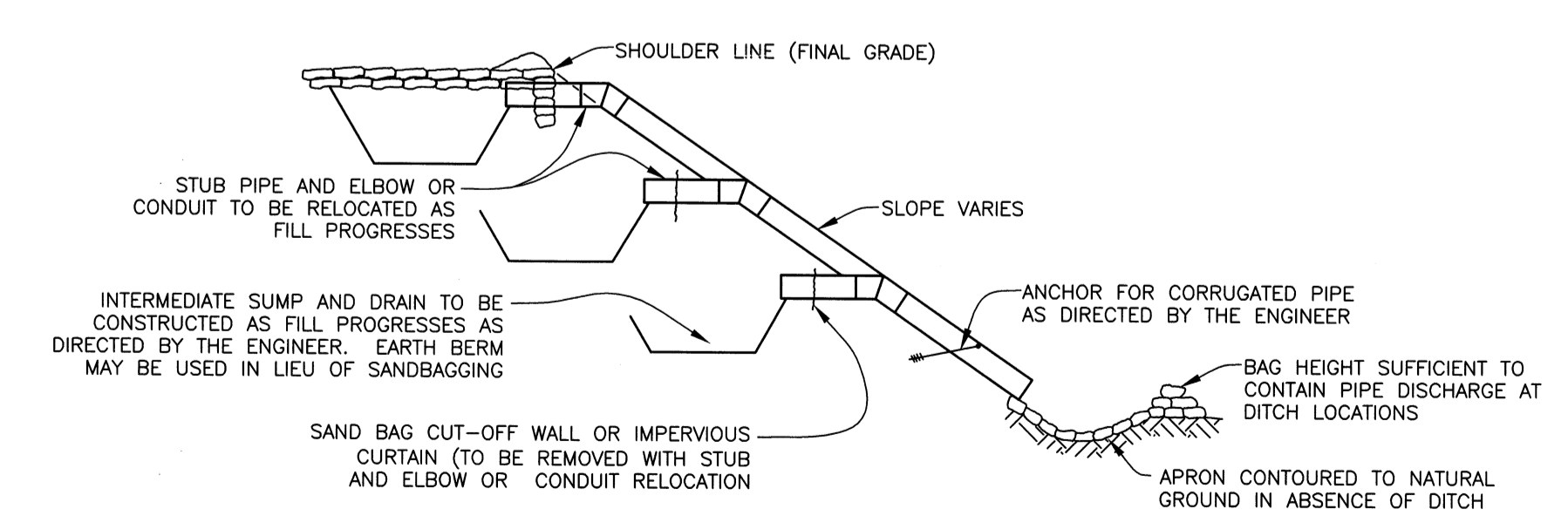
**UNDERGROUND PIPE CROSSING**  
FIGURE 12



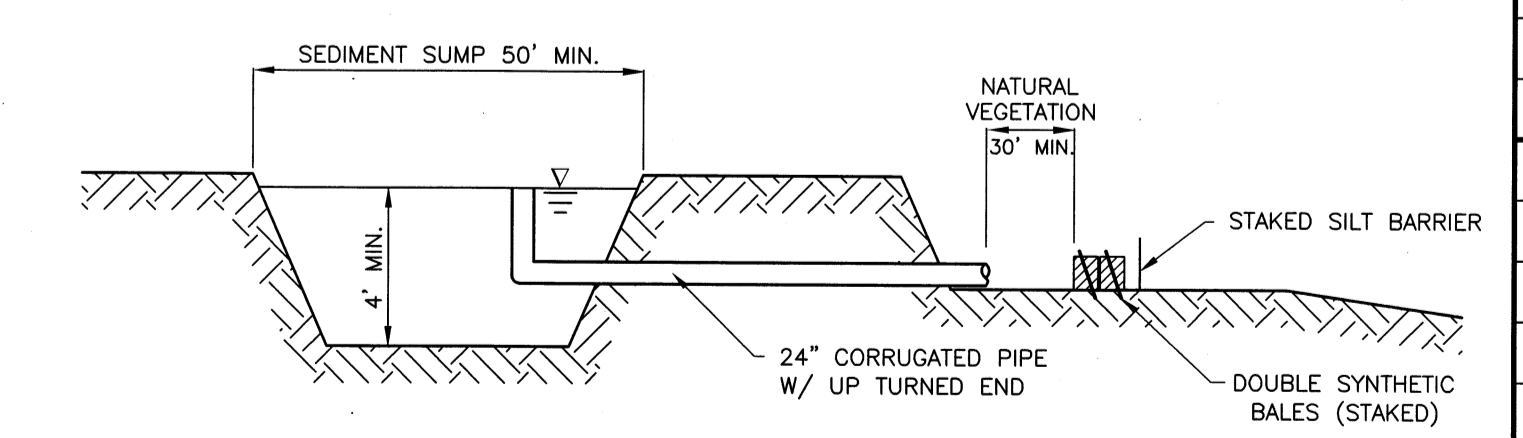
**SOD ALONG CURB  
AND AROUND INLET**  
FIGURE 14



**GRASS SLOPES**  
FIGURE 13



**SECTION AA  
TEMPORARY SLOPE DRAIN**  
FIGURE 15



**SEDIMENT SUMP SECTION**  
FIGURE 16

NOTE:  
REFERENCE THE FDOT DESIGN STANDARDS  
LATEST EDITION FOR ALL TEMPORARY  
EROSION CONTROL MEASURES.

NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	404-6002870
SURVEY #	10.171_PH 23
SEC./TWN./RGE	33/34/16E
SCALE	1"=20'

JAMES STOCKWELL, P.E.  
FLORIDA PROFESSIONAL ENGINEER  
No. 67198  
Date

COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT I:\A\PWD\_Engineering\Storm\UHI\_Eng\_Design\Proj\WTR\_LINE\_Pkg\AMI\_Water\_Dist\Imp\PH-24\_28th-St\_Ave-A-Ave-B\DWG\WMI\_Water\_Improvement\_PH-24.dwg, Erosion Control, 3/24/2011, 10:33 AM Bruce Robertson, 1:1, ARCH Full bleed D (36.00 x 24.00 inches)

**PERMIT VOID UNLESS DOT OPERATIONS CENTER IS NOTIFIED 48 HRS IN ADVANCE OF STARTING WORK**  
**PHONE (941) 359-7300**  
**VERIFICATION NO.**

**3rd All Portions of Disturbed Right-Of-Way.**

**ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH PERMITTED MOT PLAN.**

ULE 14-46

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

710-010-85  
 UTILITIES  
 OGC - 08/10

**UTILITY PERMIT**

PERMIT NO.: <u>2011-H-194-80</u>		SECTION NO.: <u>13080</u>		STATE ROAD <u>789</u>		COUNTY <u>Manatee</u>	
FDOT construction is proposed or underway.				<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
Is this work related to an approved Utility Work Schedule?				<input type="checkbox"/> Yes		<input checked="" type="checkbox"/> No	
PERMITTEE:		Manatee County Utility Operations Department					
ADDRESS:		4410 66 <sup>th</sup> Street West			TELEPHONE NUMBER: (941) 792 - 8811		
CITY/STATE/ZIP:		Bradenton, FL 34210					
The above PERMITTEE requests permission from the State of Florida Department of Transportation, hereinafter called the FDOT, to construct, operate and maintain the following: Connect to and install approximately 15 LF of 6" water line on the east side of SR 789 at 30 <sup>th</sup> St. N. Roadway, Curb & Sidewalk replacement will be required.							
FROM: M.P. 8.194				TO: M.P. 8.194			
Submitted for the PERMITTEE by: Name and Company (Typed or Printed Legibly)		Contact Information Address/Telephone/E-Mail (if applicable)			Signature		Date
James D. Stockwell, P.E.		1022 26 <sup>th</sup> Ave. East, Bradenton, FL 34208 (941-708-7450 X-7463 & email: jim.stockwell@mymanatee.org			<i>J Stockwell</i>		3/28/2011

Permittee Copy

- The Permittee declares that prior to filing this application, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans and a letter of notification was mailed on 3/18/11 to the following utilities known to be involved or potentially impacted in the area of the proposed installation:  
Teco, FPL, Bright House & Verizon
- The local Maintenance or Resident Engineer, hereafter referred to as the FDOT Engineer, shall be notified a minimum of forty eight (48) hours in advance prior to starting work and again immediately upon completion of work. The FDOT's Engineer is Lance Grace, P.E. located at Sarasota, FL, Telephone Number (941) 708-7450. The Permittee's employee responsible for MOT is Andy Fischer, Telephone Number (941) 708-7450 (This name may be provided at the time of the forty eight (48) hour advance-notice prior to starting work).
- All work, materials, and equipment shall be subject to inspection and approval by the FDOT Engineer.
- All plans and installations shall conform to the requirements of the FDOT's UAM in effect as of the date this permit is approved by FDOT, and shall be made a part of this permit. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- This Permittee shall commence actual construction in good faith within 180 days after issuance of permit, and shall be completed within 90 days after the permitted work has begun. If the beginning date is more than sixty (60) days from the date of permit approval, the Permittee must review the permit with the FDOT Engineer to make sure no changes have occurred to the Transportation Facility that would affect the permitted construction.
- The construction and maintenance of such utility shall not interfere with the property and rights of a prior Permittee.
- It is expressly stipulated that this permit is a license for permissive use only and that the placing of utilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder, except as provided in executed subordination and Railroad Utility Agreements.
- Pursuant to Section 337.403, Florida Statutes, any utility placed upon, under, over, or along any public road or publicly owned rail corridor that is found by FDOT to be unreasonably interfering in any way with the convenient, safe, or continuous use, or maintenance, improvement, extension, or expansion, of such public road or publicly owned rail corridor shall, upon thirty (30) days written notice to the utility or its agent by FDOT, be removed or relocated by such utility at its own expense except as provided in Section 337.403(1), Florida Statutes, and except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements, and shall apply to all successors and assigns for the permitted facility.
- It is agreed that in the event the relocation of said utilities are scheduled to be done simultaneously with the FDOT's construction work, the Permittee will coordinate with the FDOT before proceeding and shall cooperate with the FDOT's contractor to arrange the sequence of work so as not to delay the work of the FDOT's contractor, defend any legal claims of the FDOT's contractor due to delays caused by the Permittee's failure to comply with the approved schedule, and shall comply with all provisions of the law and the FDOT's current UAM. The Permittee shall not be responsible for delay beyond its control.
- In the case of non-compliance with the FDOT's requirements in effect as of the date this permit is approved, this permit is void and the facility will have to be brought into compliance or removed from the R/W at no cost to the FDOT, except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the State's right, title and interest in the land to be entered upon and used by the Permittee, and the Permittee will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend, and save harmless the State of Florida and the FDOT from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by said Permittee of the aforesaid rights and privileges.
- During construction, all safety regulations of the FDOT shall be observed and the Permittee must take measures, including placing and the display of safety devices that may be necessary in order to safely conduct the public through the project area in accordance with the Federal MUTCD, as amended by the UAM.
- Should the Permittee be desirous of keeping its utilities in place and out of service, the Permittee, by execution of this permit acknowledges its present and continuing ownership of its utilities located between \_\_\_\_\_ and \_\_\_\_\_ within the FDOT's R/W as set forth above. Whenever the Permittee removes its facilities, it shall be at the Permittee's sole cost and expense. The Permittee, at its sole expense, shall promptly remove said out of service utilities whenever the FDOT determines said removal is in the public interest.
- In the event contaminated soil is encountered by the Permittee or anyone within the permitted construction limits, the Permittee shall immediately cease work and notify the FDOT. The FDOT shall notify the Permittee of any suspension or revocation of the permit to allow contamination assessment and remediation. Said suspension or revocation shall remain in effect until otherwise notified by FDOT
- For any excavation, construction, maintenance, or support activities performed by or on behalf of the FDOT, within its R/W, the Permittee may be required by the FDOT or its agents to perform the following activities with respect to a Permittee's facilities: physically expose or direct exposure of underground facilities,

**CALL BEFORE YOU DIG**  
**1-800-432-4770**

**NOTE: ALL ABOVE GROUND APPURTENANCES ARE TO BE**

### UTILITY PERMIT

- provide any necessary support to facilities and/or cover, de-energize or alter aerial facilities as deemed necessary for protection and safety.
16. Pursuant to Section 337.401(2), Florida Statutes, the permit shall require the permit holder to be responsible for damage resulting from the issuance of the permit. The FDOT may initiate injunctive proceedings as provided in s.120.69 to enforce provisions of this subsection or any rule or order issued or entered into pursuant thereto.
  17. Pursuant to Section 337.402, Florida Statutes, when any public road or publicly owned rail corridor is damaged or impaired in any way because of the installation, inspection, or repair of a utility located on such road or publicly owned rail corridor, the owner of the utility shall, at his or her own expense, restore the road or publicly owned rail corridor to its original condition before such damage. If the owner fails to make such restoration, the authority is authorized to do so and charge the cost thereof against the owner under the provisions of s.337.404.
  18. The Permittee shall comply with all provisions of Chapter 556, Florida Statutes, Underground Facilities Damage Prevention and Safety Act.
  19. Special FDOT instructions: All restoration shall meet or exceed FDOT Standard Specifications for Road and Bridge Construction latest edition.

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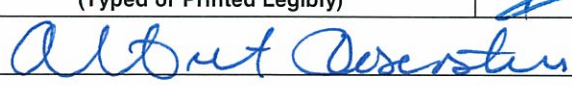
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It is understood and agreed that commencement by the Permittee is acknowledgment and acceptance of the binding nature of all the above listed permit conditions and special instructions.

20. By receipt of this permit, the Permittee acknowledges responsibility to comply with Section 119.07, Florida Statutes.
21. By the below signature, the Permittee hereby represents that no change to the FDOT's standard Utility Permit form, as incorporated by reference into Rule 14-46.001, for this Utility Permit has been made which has not been previously called to the attention of the FDOT (and signified to by checking the appropriate box below) by a separate attached written document showing all changes and the written and dated approval of the FDOT Engineer. Are there attachments reflecting change/s to the standard form?  NO  YES If Yes, \_\_\_\_\_ pages are attached.

<b>PERMITTEE</b>	Sia Mollanazar, P.E., Dept. Director Eng. Services	<b>SIGNATURE</b>		<b>DATE:</b>	6/28/18
	<b>Name &amp; Title of Authorized Permittee or Agent (Typed or Printed Legibly)</b>				
<b>APPROVED BY:</b>		<b>ISSUE DATE:</b>	7-6-11		
	<b>District Maintenance Engineer or Designee</b>				

### UTILITY PERMIT FINAL INSPECTION CERTIFICATION

<b>DATE:</b>	
<b>DATE WORK STARTED:</b>	
<b>DATE WORK COMPLETED:</b>	
<b>INSPECTED BY:</b>	
(Permittee or Agent)	
<b>CHANGE APPROVED BY:</b>	<b>DATE:</b>
<b>District Maintenance Engineer or Designee</b>	

I the undersigned Permittee do hereby CERTIFY that the utility construction approved by the above numbered permit was inspected and installed in accordance with the approved plans made a part of this permit and in accordance with the FDOT's current UAM. All plan changes have been approved by the FDOT's Engineer and are attached to this permit. I also certify that the work area has been left in as good or better condition than when the work was begun.

<b>PERMITTEE:</b>	<b>SIGNATURE:</b>	<b>DATE:</b>
<b>Name &amp; Title of Authorized Permittee or Agent (Typed or Printed Legibly)</b>		

CC: District Permit Office  
Permittee





# MANATEE COUNTY FLORIDA



## LETTER OF TRANSMITTAL

**DATE:** June 23, 2011

**TO:** Ed Giddens, FDOT Permits Office, 1840 - 61st St., Sarasota, FL 34243

**SUBJECT:** Anna Maria Waterline Rehab Phase 25 Ave C - 29th to 31st Ave N.  
**PROJECT #:** 404-6002870

COPIES	DESCRIPTION
4	Utility Permit Application – signed

### COPIES ARE TRANSMITTED FOR REASON(S) CHECKED BELOW:

<input type="checkbox"/>	For Your Records	<input type="checkbox"/>	For Your Information
<input type="checkbox"/>	As Per Your Request	<input type="checkbox"/>	Sign & Return
<input type="checkbox"/>	For Your Review & Comment	<input checked="" type="checkbox"/>	For Your Approval

### REMARKS:

Please call me if any permit documents need revision or additional information.

Jim Stockwell, PE, Sr. Project Engineer  
Infrastructure Engineering Division, Ext. 7651

Cc: (w/o attachments unless otherwise noted)

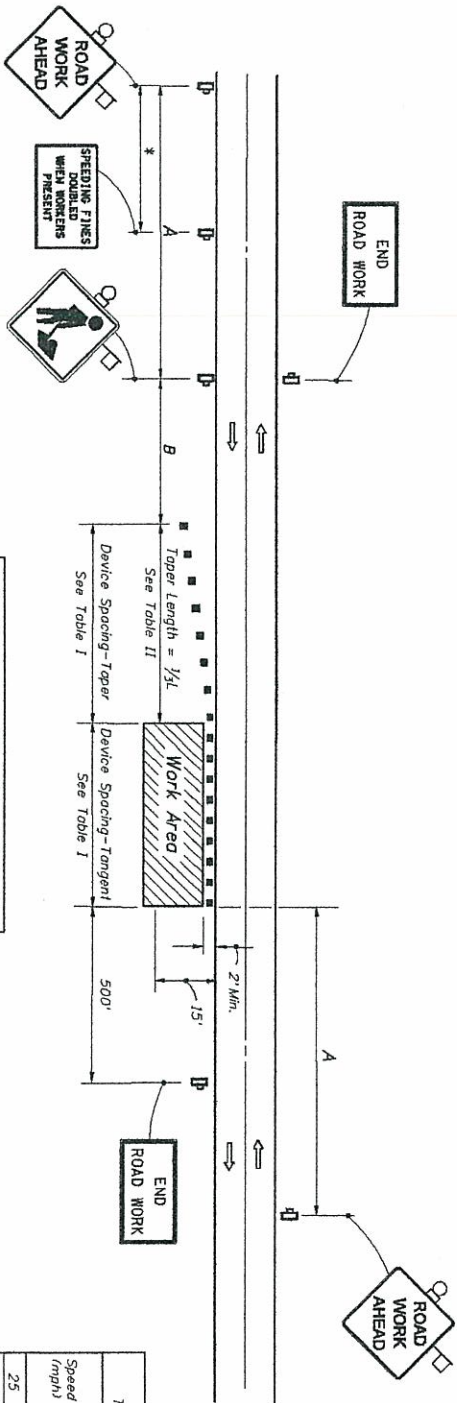
S:\PWD\_Engineering\_Share\Util Eng Design\Proj\WTR LINE Proj\AMI Water Distr Imprv\Ph-25, Ave C\DOCS\GiddensLOT01permit.doc

FLORIDA DEPARTMENT OF TRANSPORTATION  
Stormwater Pollution Control Reminder

- *Stormwater Management*  
Contact your local municipality and/or the Southwest Florida Management District.  
Bartow (863) 534-1448  
Venice (Sarasota) (941) 278-7396  
Fort Myers (Sarasota) (941) 278-7396  
- Fort Myers is also part of South Florida Water Management District (800) 432-2045.
- *Used Oil recycling*  
Contact the Florida Department of Environmental Protection at (813) 744-6100 or your local automotive parts store.
- *Hazardous Waste Disposal*  
Contact the Florida Department of Environmental Protection at (813) 744-6100.
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State Warning Point (800) 320-0519  
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- *Pesticides & Fertilizers*  
Contact your Local County Agricultural Extension Service.  
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Polk (863) 519-8677  
Sarasota (941) 316-1000

LET'S WORK TOGETHER TO KEEP OUR ENVIRONMENT CLEAN...

AND INVEST IN FLORIDA'S FUTURE



**DISTANCE BETWEEN SIGNS**

Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

\* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

**Table I**  
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)	
	Cones or Tubular Workers	Type I or Type II Barricades or Vertical Panels or Drums
25	25	50
30 to 45	25	50
50 to 70	25	50

**Table II**  
Taper Length - Shoulder

Speed (mph)	1/4 L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	L = WS <sup>2</sup> L = 50
30	40	50	60	
35	55	68	82	
40	72	90	107	
45	120	150	180	
50	133	167	200	
55	147	183	220	L = WS
60	160	200	240	
65	173	217	260	
70	187	233	280	

**GENERAL NOTES**

- When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of flaggers and FLAGGER signs, see Index No. 603.
- WORKERS sign to be removed or fully covered when no work is being performed.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ indexes.
- For general TCZ requirements and additional information, refer to Index No. 600.

**DURATION NOTES**

- Signs and channelizing devices may be omitted if all of the following conditions are met:
  - Work operations are 60 minutes or less.
  - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

8' minimum shoulder width  
 1/4 L = Length of shoulder taper in feet  
 W = Width of total shoulder in feet  
 (combined paved and unpaved width)  
 S = Posted speed limit (mph)

**CONDITIONS**

WHERE ANY VEHICLE EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUSH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OR TRAVEL WAY.

**SYMBOLS**

- Work Area
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic



2010 FDOT Design Standards  
**TWO-LANE TWO-WAY, WORK ON SHOULDER**

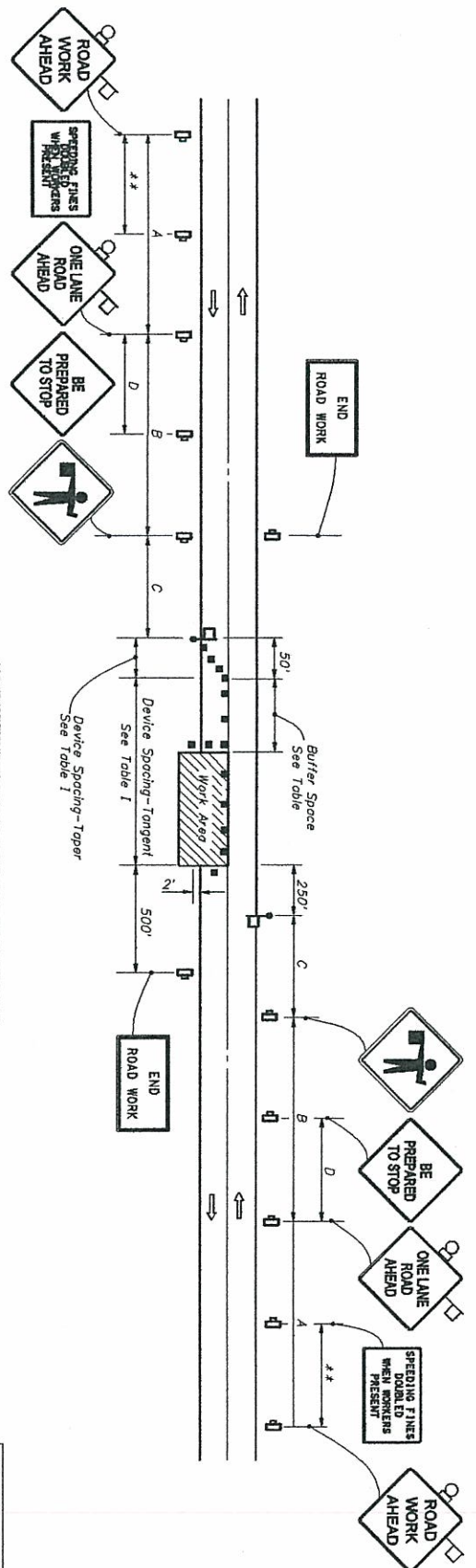
Let  
 Revision  
 07/01/07  
 Index No.  
**602**  
 Sheet No.  
 1 of 1

- SYMBOLS**
- Work Area
  - Sign With 18" x 18" (Min.) Orange Flag And Type B Light
  - Channelizing Device (See Index No. 600)
  - Work Zone Sign
  - Flagger
  - Automated Flagger Assistance Devices (AFAD), With Gate
  - Lane Identification + Direction of Traffic

\*\* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.  
 \*\*\* BE PREPARED TO STOP sign may be omitted for speeds of 45 MPH or less.  
 \* The ROAD WORK 1 MILE sign may be used as an alternate to the ROAD WORK AHEAD sign.

**DISTANCE BETWEEN SIGNS**

Speed (mph)	Spacing (ft.)			
	A	B	C	D
40 or less	200	200	200	100
45	350	350	350	175
50	500	500	500	250
55 or greater	650	650	1000	500



**TABLE 1 DEVICE SPACING**

Speed (mph)	Max. Distance Between Devices (ft.)		
	Cones or Tubular Markers	Type I or Type II Barricades or Vertical Posts or Drums	Taper
25 to 45	20	50	20
50 to 70	20	50	20
70 to 100	20	50	100

**GENERAL NOTES**

1. Work operations shall be confined to one traffic lane, leaving the opposite lane open to traffic.
2. Additional one-way control may be effected by the following means:
  - (1) Flag-carrying vehicle; (2) Official vehicle; (3) Pilot vehicle; (4) Traffic signals.
 When flaggers are the sole means of one-way control, the flaggers shall be in sight of each other or in direct communication at all times.
3. The ONE-LANE ROAD signs are to be fully covered and the FLAGGER signs either removed or fully covered when no work is being performed and the highway is open to two-way traffic.
4. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ indexes.

**DURATION NOTES**

1. ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:
  - a) Work operations are 60 minutes or less.
  - b) Speed limit is 45 mph or less.
  - c) No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space.
  - d) Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
  - e) Volume and complexity of the roadway has been considered.

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENDOURGE THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY.

**BUFFER SPACE**

Speed (mph)	Dist. (ft.)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

When Buffer Space cannot be obtained due to geometric constraints, the greatest obtainable length shall be used, but not less than 200 ft.

PERMIT VOID UNLESS DOT  
OPERATIONS OFFICE NOTIFIED  
48 HOURS IN ADVANCE OF  
STARTING WORK.  
PHONE: 941-359-7300  
VERIFICATION NO.: \_\_\_\_\_



DENSITY REPORTS ARE TO  
BE SUBMITTED PRIOR TO  
PLACEMENT OF PAVEMENT

Applicant is responsible for notifying  
owners of all existing aerial and buried  
utilities of proposed driveway and  
resolving any conflicts before  
construction begins.”

In accordance with Florida Statute 335.18  
Permittee shall be required to bear the cost  
of future access modifications, traffic  
control devices or other improvements,  
When determined by the Florida Department  
of Transportation to be needed in conjunction  
with accepted engineering practices.

“All Construction and/or Maintenance on the  
Department’s Right-of-Way shall conform to  
the Federal Manual on Uniform Traffic  
Control Devices (MUTCD) the Department’s  
Roadway and Traffic Design Standards and  
the Standard Specifications for Road and  
Bridge Construction.”

“Prior to Excavating, contact The Clerk  
of the Circuit Court for possible  
gasoline conflict.”

“If construction, reconstruction, repair or maintenance activity necessitates the  
closing of one or more travel lanes of any road on the State Primary, County  
Road, or City Street system, for a period of time exceeding two hours, the party  
performing each work will be responsible to give notice to the appropriate local  
law enforcement agency which has jurisdiction where such road is located prior  
to commencing work on this project”

335.15 F.S. 91, 336.048 F.S. 91

THE SARASOTA OPERATIONS OFFICE  
SHALL BE NOTIFIED 48 HOURS IN  
ADVANCE OF STARTING WORK.

ALL CONTRACTORS AND SUBCONTRACTORS  
SHALL BE RESPONSIBLE FOR COMPLIANCE  
WITH PERMITTED MOT PLAN

Sod All Portions of Disturbed Right-of-Way

ALL ABOVE GROUND APPURTENANCES  
ARE TO BE LOCATED AT R/W LINE.

THE APPLICANT SHALL NOT, DURING AND AFTER  
COMPLETION OF PERMITTED CONSTRUCTION,  
INTRODUCE ANY FORM OR METHOD OF SITE  
DRAINAGE DISCHARGE INTO THE DRAINAGE  
FACILITIES ON THE DEPARTMENT OF  
TRANSPORTATION RIGHT-OF-WAY OR EASEMENT.  
ANY DISCHARGE SHALL BE IN VIOLATION  
OF THIS PERMIT.

“PERMITTEE IS CAUTIONED THAT  
UTILITIES MAY BE LOCATED WITHIN  
THE CONSTRUCTION AREA.”

“It is the responsibility of the permittee to determine  
And comply with all County and Municipal  
ordinances that are relative to the construction  
or other activity described on this permit and are  
more stringent than Department of Transportation  
requirements.”

N.P.D.E.S. REQUIRES THAT STORM WATER CONTROL  
MEASURES BE IMPLEMENTED ON ANY PROJECT ON  
PUBLIC TRANSPORTATION FACILITY RIGHTS-OF-WAY  
INCLUDING, BUT NOT LIMITED TO MEASURES  
DESCRIBED IN F.D.O.T. STANDARD DESIGN INDEX  
DRAWING NUMBERS 102, 103, AND 104

PERMIT FOR UNLESS DOT OPERATIONS  
 CENTER IS NOTIFIED 48 HRS IN  
 ADVANCE OF STARTING WORK  
 PHONE (941) 359-7300  
 VERIFICATION NO.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
 UTILITY PERMIT

ALL CONTRACTORS AND  
 SUBCONTRACTORS SHALL  
 BE RESPONSIBLE FOR  
 COMPLIANCE WITH  
 PERMITTED M O T  
 PLAN.

710-010-85  
 UTILITIES  
 OGC - 08/10

PERMIT NO.: 2012-H-194-60	SECTION NO.: 130800000	STATE ROAD 789	COUNTY Manatee
FDOT construction is proposed or underway.		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is this work related to an approved Utility Work Schedule?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
PERMITTEE:	Manatee County Utility Operations Department		
ADDRESS:	4410 66 <sup>th</sup> Street West	TELEPHONE NUMBER: (941) 792 - 8811	
CITY/STATE/ZIP:	Bradenton, FL 34210		
The above PERMITTEE requests permission from the State of Florida Department of Transportation, hereinafter called the FDOT, to construct, operate and maintain the following: Connect to 16" line and install approximately 225 LF of 6" water line on the east side of SR 789 at 29 <sup>th</sup> St. N. Roadway replacement will be required.			
FROM: M.P. 8.092	TO: M.P. 8.092		
Submitted for the PERMITTEE by: Name and Company (Typed or Printed Legibly)	Contact Information Address/Telephone/E-Mail (if applicable)	Signature	Date
James D. Stockwell, P.E.	1022 26 <sup>th</sup> Ave. East, Bradenton, FL 34208 (941-708-7450 X-7463 & email: jim.stockwell@mymanatee.org	<i>J. Stockwell</i>	03/13/2012

- The Permittee declares that prior to filing this application, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans and a letter of notification was mailed on 03/12/12 to the following utilities known to be involved or potentially impacted in the area of the proposed installation:  
Teco, FPL, Bright House & Verizon
- The local Maintenance or Resident Engineer, hereafter referred to as the FDOT Engineer, shall be notified a minimum of forty eight (48) hours in advance prior to starting work and again immediately upon completion of work. The FDOT's Engineer is Lance Grace, P.E., located at Sarasota, FL, Telephone Number (941) 708-7450. The Permittee's employee responsible for MOT is Andy Fischer Telephone Number (941) 708-7450 (This name may be provided at the time of the forty eight (48) hour advance-notice prior to starting work).
- All work, materials, and equipment shall be subject to inspection and approval by the FDOT Engineer.
- All plans and installations shall conform to the requirements of the FDOT's UAM in effect as of the date this permit is approved by FDOT, and shall be made a part of this permit. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- This Permittee shall commence actual construction in good faith within 180 days after issuance of permit, and shall be completed within 90 days after the permitted work has begun. If the beginning date is more than sixty (60) days from the date of permit approval, the Permittee must review the permit with the FDOT Engineer to make sure no changes have occurred to the Transportation Facility that would affect the permitted construction.
- The construction and maintenance of such utility shall not interfere with the property and rights of a prior Permittee.
- It is expressly stipulated that this permit is a license for permissive use only and that the placing of utilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder, except as provided in executed subordination and Railroad Utility Agreements.
- Pursuant to Section 337.403, Florida Statutes, any utility placed upon, under, over, or along any public road or publicly owned rail corridor that is found by FDOT to be unreasonably interfering in any way with the convenient, safe, or continuous use, or maintenance, improvement, extension, or expansion, of such public road or publicly owned rail corridor shall, upon thirty (30) days written notice to the utility or its agent by FDOT, be removed or relocated by such utility at its own expense except as provided in Section 337.403(1), Florida Statutes, and except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements, and shall apply to all successors and assigns for the permitted facility.
- It is agreed that in the event the relocation of said utilities are scheduled to be done simultaneously with the FDOT's construction work, the Permittee will coordinate with the FDOT before proceeding and shall cooperate with the FDOT's contractor to arrange the sequence of work so as not to delay the work of the FDOT's contractor, defend any legal claims of the FDOT's contractor due to delays caused by the Permittee's failure to comply with the approved schedule, and shall comply with all provisions of the law and the FDOT's current UAM. The Permittee shall not be responsible for delay beyond its control.
- In the case of non-compliance with the FDOT's requirements in effect as of the date this permit is approved, this permit is void and the facility will have to be brought into compliance or removed from the RW at no cost to the FDOT, except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the State's right, title and interest in the land to be entered upon and used by the Permittee, and the Permittee will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend, and save harmless the State of Florida and the FDOT from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by said Permittee of the aforesaid rights and privileges.
- During construction, all safety regulations of the FDOT shall be observed and the Permittee must take measures, including placing and the display of safety devices that may be necessary in order to safely conduct the public through the project area in accordance with the Federal MUTCD, as amended by the UAM.
- Should the Permittee be desirous of keeping its utilities in place and out of service, the Permittee, by execution of this permit acknowledges its present and continuing ownership of its utilities located between \_\_\_\_\_ and \_\_\_\_\_ within the FDOT's RW as set forth above. Whenever the Permittee removes its facilities, it shall be at the Permittee's sole cost and expense. The Permittee, at its sole expense, shall promptly remove said out of service utilities whenever the FDOT determines said removal is in the public interest.
- In the event contaminated soil is encountered by the Permittee or anyone within the permitted construction limits, the Permittee shall immediately cease work and notify the FDOT. The FDOT shall notify the Permittee of any suspension or revocation of the permit to allow contamination assessment and remediation. Said suspension or revocation shall remain in effect until otherwise notified by FDOT.
- For any excavation, construction, maintenance, or support activities performed by or on behalf of the FDOT, within its RW, the Permittee may be required by the FDOT or its agents to perform the following activities with respect to a Permittee's facilities: physically expose or direct exposure of underground facilities,

CALL BEFORE YOU DIG  
 1-800-432-4770  
 IT'S THE LAW IN FLORIDA



NOTE: ALL ABOVE GROUND  
 APPURTENANCES ARE TO BE  
 LOCATED AT RAW LINE.

**UTILITY PERMIT**

- provide any necessary support to facilities and/or cover, de-energize or alter aerial facilities as deemed necessary for protection and safety.
16. Pursuant to Section 337.401(2), Florida Statutes, the permit shall require the permit holder to be responsible for damage resulting from the issuance of the permit. The FDOT may initiate injunctive proceedings as provided in s.120.69 to enforce provisions of this subsection or any rule or order issued or entered into pursuant thereto.
  17. Pursuant to Section 337.402, Florida Statutes, when any public road or publicly owned rail corridor is damaged or impaired in any way because of the installation, inspection, or repair of a utility located on such road or publicly owned rail corridor, the owner of the utility shall, at his or her own expense, restore the road or publicly owned rail corridor to its original condition before such damage. If the owner fails to make such restoration, the authority is authorized to do so and charge the cost thereof against the owner under the provisions of s.337.404.
  18. The Permittee shall comply with all provisions of Chapter 556, Florida Statutes, Underground Facilities Damage Prevention and Safety Act.
  19. Special FDOT instructions: All restoration shall meet or exceed FDOT Standard Specifications for Road and Bridge Construction latest edition.

It is understood and agreed that commencement by the Permittee is acknowledgment and acceptance of the binding nature of all the above listed permit conditions and special instructions.

20. By receipt of this permit, the Permittee acknowledges responsibility to comply with Section 119.07, Florida Statutes.
21. By the below signature, the Permittee hereby represents that no change to the FDOT's standard Utility Permit form, as incorporated by reference into Rule 14-46.001, for this Utility Permit has been made which has not been previously called to the attention of the FDOT (and signified to by checking the appropriate box below) by a separate attached written document showing all changes and the written and dated approval of the FDOT Engineer. Are there attachments reflecting change/s to the standard form?  NO  YES If Yes, \_\_\_\_\_ pages are attached.

<b>PERMITTEE</b>	Sia Mollanazar, P.E., Dept. Director Eng. Services	<b>SIGNATURE</b>		<b>DATE:</b>	
	<b>Name &amp; Title of Authorized Permittee or Agent (Typed or Printed Legibly)</b>			<b>3-23-12</b>	
<b>APPROVED BY:</b>				<b>ISSUE DATE:</b>	<b>4.3.12</b>
	<b>District Maintenance Engineer or Designee</b>				

**UTILITY PERMIT FINAL INSPECTION CERTIFICATION**

<b>DATE:</b>	
<b>DATE WORK STARTED:</b>	
<b>DATE WORK COMPLETED:</b>	
<b>INSPECTED BY:</b>	
	<b>(Permittee or Agent)</b>
<b>CHANGE APPROVED BY:</b>	<b>DATE:</b>
<b>District Maintenance Engineer or Designee</b>	

I the undersigned Permittee do hereby CERTIFY that the utility construction approved by the above numbered permit was inspected and installed in accordance with the approved plans made a part of this permit and in accordance with the FDOT's current UAM. All plan changes have been approved by the FDOT's Engineer and are attached to this permit. I also certify that the work area has been left in as good or better condition than when the work was begun.

<b>PERMITTEE:</b>	<b>SIGNATURE:</b>	<b>DATE:</b>
<b>Name &amp; Title of Authorized Permittee or Agent (Typed or Printed Legibly)</b>		

CC: District Permit Office  
Permittee



**MANATEE COUNTY  
FLORIDA**

**LETTER OF TRANSMITTAL**

**DATE:** March 23, 2012

**TO:** Ed Giddens, FDOT Permits Office, 1840 - 61st St., Sarasota, FL 34243

**SUBJECT:** Anna Maria Waterline Rehab Phase 24 - 29th St N at Gulf Drive.  
**PROJECT #:** 404-6002870

COPIES	DESCRIPTION
4	Utility Permit Application – signed

**COPIES ARE TRANSMITTED FOR REASON(S) CHECKED BELOW:**

<input type="checkbox"/>	For Your Records	<input type="checkbox"/>	For Your Information
<input type="checkbox"/>	As Per Your Request	<input type="checkbox"/>	Sign & Return
<input type="checkbox"/>	For Your Review & Comment	<input checked="" type="checkbox"/>	For Your Approval

**REMARKS:**

Please call me if any permit documents need revision or additional information.

Thank You

Jim Stockwell, PE, Sr. Project Engineer  
Infrastructure Engineering Division, Ext. 7651

Cc: Wayne Troxler, PE, Utility Engineering Div. Mgr.

S:\PWD\_Engineering\_Share\Util Eng Design\Proj\--WTR LINE Proj\AMI Water Distr Imprv\Ph-24, 29th St\_Ave A\_Ave  
B\DOCS\GiddensLOT02permit.doc

1022 26<sup>th</sup> Avenue East \* PHONE: (941) 708-7450 \* FAX: (941) 708-7475  
Manatee County Public Works Department/Infrastructure Engineering Division \* [www.myanatee.org](http://www.myanatee.org)



FLORIDA DEPARTMENT OF TRANSPORTATION  
Stormwater Pollution Control Reminder

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Fort Myers (Sarasota) (941) 278-7396  
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Hendry (863) 674-4094  
Highlands (863) 402-6540  
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Manatee (941) 722-4524  
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Polk (863) 519-8677  
Sarasota (941) 316-1000

LET'S WORK TOGETHER TO KEEP OUR ENVIRONMENT CLEAN...

AND INVEST IN FLORIDA'S FUTURE

