

Georgetown County Water And Sewer District



Project 22-35 N. Litchfield Water Rehab Phase II Bidding Package

PROJECT 22-35 – N. LITCHFIELD WATER REHAB PHASE II

TABLE OF CONTENTS

BID SUMMARY

INSTRUCTION TO BIDDERS

BID TABULATION SHEET

BID ITEM DESCRIPTIONS

**AGREEMENT BETWEEN OWNER AND CONTRACTOR FOR
CONSTRUCTION**

CONSTRUCTION DRAWINGS

RECORD DRAWINGS

Bid Summary

Georgetown County Water and Sewer District
Owner

456 Clearwater Drive
PO Box 2730
Pawleys Island, SC 29585
Address

N. LITCHFIELD WATER REHAB PHASE II – PROJECT #22-35

Sealed bids for the installation of approximately 9,680 LF of 6” and 2” PVC water line along with the installation/replacement of approximately 139 taps and 181 meter sets serving customers along Lakeshore Drive, Eutaw Lane, Parker Drive and other immediate area roads in the North Litchfield community of Pawleys Island, SC are due on or before Tuesday, November 25, 2025 at 3:00 pm. Work shall also include 12 fire hydrant replacements, 1 post hydrant installation, and line abandonment with flowable fill. Pricing shall include unit pricing for all labor, equipment, and materials for proper installation of all required items, and following Georgetown County Water and Sewer District (GCWSD) and South Carolina Department of Health and Environmental Control (SCDHEC) requirements and regulations. The District will be providing the SCDOT and Georgetown County Encroachment Permits for this project. The contractor will be responsible to ensure all service connections are free of leaks, sand and debris, as well as provide a 1 year warranty for all work. The contractor shall certify compliance with the S.C. Illegal Immigration Reform Act. Without in anyway limiting a party’s liability, or responsibility under the agreement, the Contractor will, at its sole expense, procure and maintain in effect during the term of this Agreement, with respectable and financially responsible insurance companies the following minimum insurance. Approved contractors shall submit certificates of insurance to the District for the following policies: Comprehensive general liability insurance, including personal injury liability, Blanket contracted liability, and Property damage liability coverage, General Aggregate \$1,000,000, Personal injury \$1,000,000, each occurrence \$500,000, automobile bodily injury and property damage liability insurance covering owned, non-owned, rental, or hired autos. The combined single limit for bodily injury and property damage shall not be less than \$500,000, statutory workers compensation and employee liability insurance as required by

state law, Professional liability insurance in an amount not less than \$100,000. NO BID bond will be required. However, **Performance and Payment Bonds will be required from the selected Contractor at the time of Contract Award.**

The **sealed** Bids shall be received by the Georgetown County Water and Sewer District at their office located at 456 Clearwater Drive, Pawleys Island, S.C., until 3:00 PM, November 25, 2025. If mailing your Bid via USPS, mail to PO Box 2730 Pawleys Island, SC 29585. Georgetown County Water and Sewer District is not responsible for late mail delivery. The District reserves the right to reject any and all Bids.

October 27, 2025

Jaquan Reed
Georgetown County Water and Sewer District
456 Clearwater Drive
Pawleys Island, SC 29585

Instructions to Bidders

Table of Articles

	Page
Article 1 – Copies of Bidding Documents	1
Article 2 – Qualification of Bidders	1
Article 3 – Examination of Bidding Documents, Other Related Data and Site	2
Article 4 – Interpretations and Addenda	3
Article 5 – Contract Times	4
Article 6 – Liquidated Damages	4
Article 7 – Preparation of Bids	4
Article 8 – Basis of Bid; Comparison of Bids	5
Article 9 – Submittal of Bid	6
Article 10 – Modification and Withdrawal of Bid	6
Article 11 – Opening of Bids	6
Article 12 – Bids to Remain Subject to Acceptance	7
Article 13 – Evaluation of Bids and Award of Contract	7
Article 14 – Minimum insurance requirements	8
Article 15 – Bond requirements	8

ARTICLE 1 – COPIES OF BIDDING DOCUMENTS

- 1.01 Complete sets of the Bidding Documents may be obtained from the owner: Georgetown County Water and Sewer District.
- 1.02 Complete sets of Bidding Documents must be used in preparing Bids; Owner assumes no responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
- 1.03 Owner in making copies of Bidding Documents available on the above terms does so only for the purpose of obtaining Bids for the Work and do not confer a license or grant for any other use.

ARTICLE 2 – QUALIFICATION OF BIDDERS

- 2.01 To demonstrate Bidder's qualifications to perform the Work, within five days of Owner's request, Bidder shall submit written evidence such as financial data, previous experience, present commitments, and such other data as may be called for below.
- A. Ability to comply with the required performance schedule, taking in to consideration all existing commercial and governmental business commitments (overall business schedule and how this project would fit).
- B. Necessary Organization, experience, accounting and operational controls and technical skills, or the ability to obtain them (blank forms or written office and field procedures).

- C. Necessary production, construction, technical equipment and facilities, or ability to obtain them (list of available plant and equipment).

ARTICLE 3- EXAMINATION OF BIDDING DOCUMENTS, OTHER RELATED DATA, AND SITE

3.01 Underground Facilities

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

3.02 Hazardous Environmental Condition

- A. The Contract Documents identify those reports and drawings relating to a Hazardous Environmental Condition identified at the Site, if any, that Engineer has used in preparing the Bidding Documents.
- B. Copies of reports and drawings referenced in paragraph 3.02A will be made available by Owner to any Bidder on request. Those reports and drawings are not part of the Contract Documents, but the “technical data” contained therein. Bidder is responsible for any interpretation or conclusion Bidder draws from any “technical data” or any other data, interpretations, opinions, or information contained in such reports or shown or indicated in such drawings.

3.03 On request, Owner will provide Bidder access to the Site to conduct such examinations, investigations, explorations, test, and studies, as Bidder deems necessary for submission of a Bid. Bidder shall fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, test, and studies. Bidder shall comply with all applicable Laws and Regulations relative to excavation and utility locates.

3.04 It is responsibility of each Bidder before submitting a Bid to:

- A. Examine and carefully study the Bidding Documents, the other related data identified in the Bidding Documents, and any Addenda;
- B. Become familiar with and satisfy Bidder as to all Federal, State, and local Laws and Regulations that may affect cost, progress, or performance of the Work;
- C. Promptly give Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by Engineer is acceptable to Bidder;
- D. Determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work;

- E. Take inconsideration normal weather conditions. Normal weather does not mean statistically average weather conditions, but rather means a range of weather conditions that might be anticipated (i.e. conditions that are not extremely unusual). Normal weather shall be determined from the public historical records available including the U.S. Department of Commerce, Local Climatological Data Sheets, Oceanic and Atmospheric Administration/Environmental Data and information Service National Climatic Center and the National Weather Service. The data sheets to be used shall be for the locality or localities closest to the site of the work. No additional compensation will be paid because of adverse weather conditions, except as indicated in the General Conditions; and
 - F. Use the public historical Climatological records designated by the Owner, if any. If Owner requests the Bidder to indicate which records used, each Bidder may select the public historical climatologically records upon which he will rely in computing his bid. In the latter situation, each bidder shall designate in the space provided which of such climatologically records were used in formulating his bid, bid. A bidder's failure to designate climatologically records when submitting a bid shall not disqualify his bid, but shall constitute a waiver of the right to claim any extension of time as the result of abnormal weather. In either case, the bid submitted and the time of completion shall be presumed to have been based upon normal weather derived from the climatologically records used.
- 3.05 The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, that without exception the bid is premised upon performing and furnishing the Work required by the Bidding Documents and applying any specific means, methods, techniques, sequences, and procedures of construction that may be shown or indicated or expressly required by the Bidding Documents, that Bidder has given Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in Bidding Documents and the written resolutions thereof by Engineer are acceptable to Bidder, and that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work.
- 3.06 Notice of Special Conditions
- A. Attention is called to those parts of the contract documents and specifications, which deal with the items below, if they are included in the following specifications:
 - 1 Inspection and testing of materials when required
 - 2 Insurance requirements

ARTICLE 4 – INTERPRETATIONS AND ADDENDA

- 4.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to owner in writing on the conflict resolution form included in the bid documents. Interpretations or clarifications considered necessary by owner in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by owner as having received the Bidding Documents. Questions received less than ten days prior

to the date for opening of Bids may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

- 4.02 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by Owner. The owner will not receive or respond to questions other than written comments concerning conflicts, errors, or omissions.

ARTICLE 5 – CONTRACT TIMES

5.01 **All Work shall be completed within 180 days of the Notice to Proceed.**

ARTICLE 6 - LIQUIDATED DAMAGES

- 6.01 If the contractor fails to complete the work within the contract time the contractor agrees to pay the owner \$100.00 per day as liquidated damages to cover losses, expenses, and damages of the owner for each an every day which the contractor fails to achieve completion of the entire project. A project is considered complete when the project is 100% complete and all punch list items are complete.

ARTICLE 7 – PREPARATION OF BID

- 7.01 The Bid shall be a **sealed bid** for this project. The Bids shall include per unit pricing for the installation the water main. The total of all bid prices will be the sum of the products of the estimated quantity of each item and the corresponding unit price. The Contractor shall provide all labor, materials, and equipment for the installation.
- 7.02 The sealed bids shall be received by the Georgetown County Water and Sewer District at their office located at 456 Clearwater Drive, Pawleys Island, S. C. until **3:00 PM, Tuesday, November 25, 2025.** If mailing bid mail to PO Box 2730 Pawleys Island, SC 29585. Georgetown County Water and Sewer District is not responsible for late mail delivery. The District reserves the right to reject any and all bids.
- 7.03 All blanks on the Bid form shall be completed by printing in ink or by typewriter and the Bid signed in ink. Erasures or alterations shall be initialed in ink by the person signing the Bid Form. A Bid price shall be indicated for each Bid Item listed therein, or the words “No Bid,” “No Change,” or “Not Applicable” entered.
- 7.04 Bid by a corporation shall be executed in the corporate name by the president or a vice-president or other corporate officer accompanied by evidence of authority to sign. The corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporation business address and state of incorporation shall be provided on the Bid Form.
- 7.05 A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The business address of the partnership shall be provided on the Bid Form.

- 7.06 A Bid by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the business address of the firm must be provided on the Bid Form.
- 7.07 A Bid by an individual shall show the Bidder's name and business address.
- 7.08 A Bid by a joint venture shall be executed by each joint venturer in the manner indicated on the Bid Form.
- 7.09 All names shall be typed or printed in ink below the signatures.
- 7.10 The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers and dates of which shall be filled in on the Bid Form. It shall be each Bidder's responsibility to assure himself that all addenda have been received. No claim for failure to receive addenda shall be considered.
- 7.11 The address and telephone number for communication regarding the Bid shall be shown.

ARTICLE 8 – BASIS OF BID; COMPARISON OF BIDS

8.01 Lump Sum

- A. Bidders shall submit a Bid on a unit price basis for each item of work listed. The total of all bid prices will be the sum of the products of the estimated quantity of each item and the corresponding unit price.

8.02 Unit Price

- A. Bidders shall submit a Bid on a unit price basis for each item of work listed in the Bid Tabulation sheet. The total of all bid will be the sum of the products of the estimated quantity of each item and the corresponding unit price.
- B. The total of all bid prices will be the sum of the products of the estimated quantity of each item and the corresponding unit price. The final quantities and Contract Price will be determined by the bid prices.
- C. Discrepancies between the products of the estimated quantity of each item and the corresponding unit price will be resolved in favor of the correct product. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. Discrepancies between words and figures will be resolved in favor of the words.
- D. Contracts will be awarded to the contractors that are qualified, can meet the time constraints, and have the lowest bid price for the project.

- 8.03 The Bid price shall include such amounts, as the Bidder deems proper for overhead and profit on account of cash allowances, if any, named in the Contract Documents.

- 8.04 Bid prices will be compared after adjusting for differences in the time designated by Bidders for Substantial Completion. The adjusting amount will be determined at the rate set forth in the Contract Documents for liquidated damages for failing to achieve Substantial Completion for each day before or after the desired date.

ARTICLE 9 – SUBMITTAL OF BID

- 9.01 Bid shall be submitted no later than the date and time prescribed and at the place indicated in the Bid Summary and shall be enclosed in an opaque sealed envelope plainly marked with the Project Title (and, if applicable, the designated portion of the Project for which the Bid is submitted), the name and address of Bidder, and shall be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate envelope plainly marked on the outside with the notation “ BID ENCLOSED”. When using the mail or other delivery system, the Bidder is totally responsible for the mail or other delivery system delivering the Bid at the place and prior to the time indicated in the Bid Summary.

ARTICLE 10 – MODIFICATION AND WITHDRAWAL OF BID

- 10.01 A Bid may be modified or withdrawn by an appropriate document duly executed in the manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids.
- 10.02 If within 24 hours after Bids are opened any Bidder files a duly signed written notice with Owner and promptly thereafter demonstrates to the reasonable satisfaction of Owner that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid security will be returned. Thereafter, if the Work is rebid or negotiated, that Bidder will be disqualified from further bidding on the Work. This provision to withdraw a Bid without forfeiting the Bid security does not apply to Bidder's errors in judgment in the preparing the Bid.

ARTICLE 11 – OPENING OF BIDS

- 11.01 Bids will be opened at the time and place indicated in the Bid Summary and, unless obviously non-responsive, read aloud publicly. An abstract of the amounts of the Bids and major alternates, if any, will be made available to Bidders after the opening of Bids.
- 11.02 Responsiveness and responsibility of bidders will be based on:
- A. The completeness and regularity of the Bid.
 - B. Whether the Bidder maintains a permanent place of business.
 - C. Has adequate plant and equipment to do the work properly and within the time limit established.
 - D. Has adequate financial status to meet his obligations contingent to the work.

E. Has proper licensing in the State of South Carolina to do work as described within the Bidding Documents.

- 11.03 Any bid protest lodged in conjunction with the construction contract must be received by the Owner by close of business no later than seven (7) calendar days from the date of the bid opening. Protests will only be considered by parties with a direct financial interest in the bid under consideration. Any protest will be reviewed by the OWNER and determination of the protest's legitimacy will be made within seven (7) calendar days of its receipt. Parties lodging the complaint may appeal the decision to the OWNER within seven (7) calendar days from the receipt of this determination. Any such appeal will be reviewed and a determination rendered within seven (7) calendar days from receipt of the appeal. A decision on the appeal will be final. Any protest not filed within the seven (7) day period will be rejected as untimely.

ARTICLE 12 – BIDS TO REMAIN SUBJECT TO ACCEPTANCE

- 12.01 All Bids remain subject to acceptance for 30 days from Bid due date.

ARTICLE 13 – EVALUATION OF BIDS AND AWARD OF CONTRACT

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

- 13.06 If the Contract is to be awarded, Owner will award the Contract to the responsible Bidder whose Bid, conforming with all the material terms and conditions of the Instructions to Bidders, is lowest, price and other factors considered.

ARTICLE 14 – MINIMUM INSURANCE

- 14.01 Without in anyway limiting a party's liability, or responsibility under this agreement, the Outsource Contractor will, at its sole expense, procure and maintain in effect during the term of this Agreement, with respectable and financially responsible insurance companies the following minimum insurance. Approved contractors shall submit certificates of insurance to the District for the following policies: Comprehensive general liability insurance, including personal injury liability, Blanket contracted liability, and Property damage liability coverage, General Aggregate \$1,000,000, Personal injury \$1,000,000, Each occurrence \$500,000, automobile bodily injury and property damage liability insurance covering owned, non-owned, rental, or hired autos. The combined single limit for bodily injury and property damage shall not be less than \$500,000, statutory workers compensation and employee liability insurance as required by state law, Professional liability insurance in an amount not less than \$100,000.

ARTICLE 15 – BOND REQUIREMENTS

- 15.01 No bid bond required.
- 15.02 Performance and Payment bonds will be required for the selected Contractor for 100% of the Contract cost. Bonds will be requested by GCWSD after Notice of Award and before signing the Contract Agreement. Bonds will be made part of the Agreement.

Bid Tabulation Sheet
N. Litchfield Water Rehab Phase II FY 23
Tuesday, November 25, 2025, 3:00 PM

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	\$ PER UNIT	TOTAL \$
001	1	LS	Traffic Control		
002	9,400	LF	6" PVC C900 DR25 Blue Water Main		
003	300	LF	2" PVC SDR 21 Blue Water Main		
004	640	LF	12" Open Cut W/ Steel Casing		
005	1	EA	2" Post Hydrant Assembly		
006	12	EA	Fire Hydrant Mueller A423 5 1/4 VO		
007	59	EA	6" MJ Gate Valve		
008	3	EA	2" MJ Gate Valve		
009	3050	LBS	Ductile Iron Fittings		
010	4	EA	Meter Set Replacement Only		
011	62	EA	Single, Short Water Service w/Tap		
012	23	EA	Double, Short Water Service w/Tap		
013	39	EA	Single, Long Water Service w/Tap		
014	15	EA	Double, Long Water Service w/Tap		
015	4038	SF	Sod		
016	1282	SY	Concrete Driveway Repair		
017	58	SY	Brick Driveway Repair		
018	790	SY	Gravel Driveway Repair		
019	469	SY	Asphalt Driveway Repair		
020	285	SY	Asphalt Patch (Road)		
021	3,555	SY	Asphalt Overlay (Road)		
022	52	CY	Flowable Fill Line Abandonment		
TOTAL COST					

*Total of 181 meters and 139 taps

Bid Item Descriptions

Project 22-35 N. Litchfield Water Rehab

Phase II

The North Litchfield Water Rehab Phase II Project will consist of installing approximately 9,700 LF of 6" and 2" PVC water main, along with the installation/replacement of approximately 139 taps and 181-meter sets onto the new and existing PVC main lines to provide better service to customers. This project will replace/upgrade all meters in the project area and ensure that existing meters are served off of lines that may be abandoned during the project. The following items correspond to the item numbers on the attached Bid Tabulation Sheet and are described below:

001 - Traffic Control

Traffic Control shall be paid out in lump sum. Traffic control shall follow requirements of SCDOT, Georgetown County and the relative encroachment permits. This price shall include all labor, equipment, and materials required to satisfy the permit requirements. GCWSD will be responsible for obtaining the SCDOT and Georgetown County permit.

002 - 6" PVC C900 DR25 Water Main (Blue)

003 - 2" PVC SDR 21 Water Main (Blue)

This item shall include the cost for all labor, equipment, and material to install 6" and 2" water pipes to SCDES and GCWSD standards. This item shall include all required fittings and accessories, any required thrust blocks, bell restraints, pipe lube, 12 gage copper tracer wire, detectable warning tape, trench excavation, dewatering, bedding material, backfill material, compaction, cleaning, grass seed, etc. Specialized sod in addition to seeding is not considered part of this line item and instead is listed in item 017. This item shall include the cost to reestablish suitable base course material for roadway repair that is disturbed by installation. The cost for this item shall also include record keeping information, removal and restoration of drainage pipes and ditches, removal and restoration of fences, shrubs, mailboxes, signs, or other existing structures, stormwater protection, and any other items, appurtenances, and devices incidental to or necessary for a sound, secure, and complete installation. Cost for Driveway and Roadway repair for this item should be billed under Items 016 - 019. The contractor shall also include costs for pressure and leak testing this part of the system. GCWSD will assist by taking bac-t samples prior to the line going into service however, the Contractor will be responsible for any flushing and chlorination needed before sampling. This item will be paid out per linear foot.

004 – 12" Open Cut W/ Steel Casing

The Contractor shall furnish all labor, materials, tools, equipment, and incidentals required to install 12" steel casing pipe by bore and jack method at the locations shown on the drawings. Steel casing shall have a thickness of .312". The work shall include all clearing and earth excavation for jacking and receiving pits; disposal of excess excavated material; temporary and/or permanent sheeting, shoring, and bracing; dewatering; mud slabs as required; furnishing and installation of the steel casing pipe, casing fill, casing spacers, casing restraints, and casing bulkheads. This item shall not include furnishing of the carrier pipe. Carrier Pipe installation shall be accounted for in items 002. This item shall also include 12 gauge tracer wire, spacers and bell restraints for carrier pipe. Measurement for this item shall be made on a horizontal plane, after installation, along the steel casing pipe for the unit prices provided per installation location.

005 – 2" Post Hydrant Assembly

This item shall include the cost for all labor, equipment, and material to install a 2" post hydrant by Gil Industries to SCDES and GCWSD standards. This item shall include all required fittings, including 2" gate valve, required thrust blocks, pipe lube, 12 gage copper tracer wire, foil back tracer tape, trench excavation, dewatering, bedding material, backfill material, compaction, cleaning, grass seed, etc. This item shall include the cost to reestablish non asphalt / concrete driveways with suitable material such as base course. The cost shall also include record keeping information, removal and restoration of drainage pipes and ditches, removal and restoration of fences, shrubs, mailboxes, signs, or other existing structures, and any other items, appurtenances, and devices incidental to or necessary for a sound, secure, and complete installation. Installation shall be made in a location as to not inconvenience the community. This item will be paid out per post-hydrant installed.

006 – Fire Hydrant Replacement

This item shall include the cost for all labor, equipment, and material to reconnect and/or relocate existing fire hydrants to the newly installed water main. The contractor may use the existing hydrant valve or install a new one for this reconnection. Fire hydrants installed shall be for each complete fire hydrant assembly installed onto the main lines. This shall include all materials, equipment, labor, testing, and incidentals required to furnish and install the hydrant, hydrant valve, PVC piping, and other fittings required for the proper function of the item and is to be approved by the Owner. Fire hydrants shall be bagged until the system has operational approval.

007 – 6" MJ Gate Valve

008 – 2" MJ Gate Valve

These items shall be for each valve and box furnished and installed in the water main lines. These items include all materials, equipment, labor, testing, and incidentals required to furnish and install valves, valve boxes, concrete collars, and valve markers as shown and scheduled.

Associated work includes valve extension stem and box, final height adjustment of valve boxes to match paving elevation, and testing for proper operation of valve. The Contractor shall keep accurate records on the record drawings, including a minimum of two (2) ties to existing structures established for the location of the valve.

009 – Ductile Iron Fittings

This item shall be paid out by the pound (LBS) of ductile iron (DI) fittings. The cost shall include the materials, equipment, labor, and testing to furnish all these fittings onto the main water lines. All DI fittings shall be epoxy coated and included in the unit price for the item.

010 - Meter Set Replacement Only

This item shall include installation of all items from the service water meter box to the gate valve. Installation responsible by contractor will include but not limited to: service line tubing (IPS) if required; meter box; meter; electronic register; transmitter, dual check valve; gate valve; and all other materials required by the residential water meter detail shown in the project drawings. This item DOES NOT include the actual tap or corporation stop from the main line. This item is specifically for replacing the meter box and components from services already attached to a PVC line that is not being abandoned. The contractor will be responsible for furnishing materials and supplies; trench excavation; dewatering; setting to line and grade; bedding (no additional compensation will be paid for extra bedding material and/or replacement of unsuitable backfill material needed for trench stabilization or proper compaction); installation; record keeping; clean-up; removal and restoration of drainage piping and ditches, grass seeding and other restoration, and all other items as listed in the Residential Water Meter Detail. The Contractor will also need to program the meter. The District will give instruction to the Contractor for this step. Contractor will not be paid out for this item until meters and services have been fully installed and operational. Contractor shall follow meter details listed within the construction drawings. This item does NOT include the replacement of backflow prevention devices. **GCWSD will provide all the meters, and the contractor will be responsible for their installation.**

011 - Single, Short Water Service w/ Tap and Meter

This item shall include installation of all items from the water main connection to the service meter box, meter, and gate valve. Installation responsible by contractor will include but not limited to: service line wet tap; corporation stop; service line tubing (IPS); meter box; meter; electronic register; transmitter; dual check valve; gate valve; and all other materials required by the residential water meter detail shown in the project drawings. The contractor will be responsible for furnishing materials and supplies; trench excavation; dewatering; setting to line and grade; bedding (no additional compensation will be paid for extra bedding material and/or replacement of unsuitable backfill material needed for trench stabilization or proper compaction); installation; record keeping; clean-up; driveway repair of concrete, asphalt or stone base; removal and restoration of drainage piping and ditches, grass seeding and other

restoration, and all other items as listed in the Residential Water Meter Detail. The Contractor will also need to program the meter. The District will give instruction to the Contractor for this step. Connections made to the water main line will be paid for under this item. Abandoning of water lines shall not be done until AFTER relocation of all meters and service lines have been completed. Contractor will not be paid out for this item until meters and services have been fully installed and operational. Contractor shall follow meter details listed within the construction drawings. **GCWSD will provide all the meters, and the contractor will be responsible for their installation.**

012 - Double, Short Water Service w/ Tap and Meters

This item shall include installation of all items from the water main connection to the service meter boxes, meters, and gate valves. Installation responsible by contractor will include but not limited to: service line wet tap; corporation stop; service line tubing (IPS); tee or wye fitting to split services; meter boxes; meters; electronic registers; transmitters; dual check valves; gate valves; and all other materials required by the residential water meter detail shown in the project drawings. The contractor shall be responsible for furnishing materials and supplies; trench excavation; dewatering; setting to line and grade; bedding (no additional compensation will be paid for extra bedding material and/or replacement of unsuitable backfill material needed for trench stabilization or proper compaction); installation; record keeping; clean-up; driveway repair of concrete, asphalt or stone base; flowable concrete required for roadway repairs; removal and restoration of drainage piping and ditches, grass seeding and other restoration, and all other items as listed in the Residential Water Meter Detail. The Contractor will also need to program the meter. The District will give instruction to the Contractor for this step. Connections made to the water main line will be paid for under this item. Abandoning of water lines shall not be done until AFTER relocation of all meters and service lines have been completed. Contractor will not be paid out for this item until meters and services have been fully installed and operational. Contractor shall follow meter details listed within the construction drawings. **GCWSD will provide all the meters, and the contractor will be responsible for their installation.**

013 - Single, Long Water Service w/Tap and Meter

This item shall include installation of all items from the water main connection to the service meter box, meter, and gate valve. Installation responsible by contractor will include but not limited to: service line wet tap; corporation stop; service line tubing; meter box; meter; electronic register; transmitter; dual check valve; gate valve; and all other materials required by the residential water meter detail shown in the project drawings. The contractor will be responsible for the bore under roadways as necessary; furnishing materials and supplies; trench excavation; dewatering; setting to line and grade; bedding (no additional compensation will be paid for extra bedding material and/or replacement of unsuitable backfill material needed for trench stabilization or proper compaction); installation; record keeping; clean-up; driveway

repair of concrete, asphalt, or stone base; flowable fill concrete required for roadway repairs; removal and restoration of drainage piping and ditches, grass seeding and other restoration, and all other items as listed in the Residential Water Meter Detail. The Contractor will also need to program the meter. The District will give instructions to the Contractor for this step. Connections made to the water main line will be paid for under this item. Abandoning of water lines shall not be done until AFTER relocation of all meters and service lines have been completed. Contractor will not be paid out for this item until meters and services have been fully installed and operational. **GCWSD will provide all the meters, and the contractor will be responsible for their installation.**

014 - Double, Long Water Service w/ Tap and Meters

This item shall include installation of all items from the water main connection to the service meter boxes, meters, and gate valves. Installation responsible by contractor will include but not limited to: service line wet tap; corporation stop; service line tubing; tee or wye fitting to split services; meter boxes; meters; electronic registers; transmitters; dual check valves; gate valves; and all other materials required by the residential water meter detail shown in the project drawings. The contractor will be responsible for the bore under roadways as necessary; furnishing materials and supplies; trench excavation; dewatering; setting to line and grade; bedding (no additional compensation will be paid for extra bedding material and/or replacement of unsuitable backfill material needed for trench stabilization or proper compaction); installation; record keeping; clean-up; driveway repair of concrete, asphalt or stone base; flowable fill concrete required for roadway repairs; removal and restoration of drainage piping and ditches, grass seeding and other restoration, and all other items as listed in the Residential Water Meter Detail. The Contractor will also need to program the meters. The District will give instruction to the Contractor for this step. Connections made to the water main line will be paid for under this item. Abandoning of water lines shall not be done until AFTER relocation of all meters and service lines have been completed. Contractor will not be paid out for this item until meters and services have been fully installed and operational. **GCWSD will provide all the meters, and the contractor will be responsible for their installation.**

015 – Sod

This item shall be paid out per SF of sod installed. This item is only to be used on an as needed basis which shall be determined by GCWSD staff. All areas disturbed shall be seeded per SCDOT requirements unless otherwise noted by District staff. This item's quantity may be more or less than the quantity given. Any change order used will be based off the unit cost. The Contractor shall disturb as little of area as possible to complete the work. This item is subject to approval by SCDOT and GCWSD.

016 – Concrete Driveway Repair

The cost for this item shall include all labor, material, and equipment to properly reinstall the concrete driveways after installation of the PVC main line (Items 002-003). Contractor shall be responsible for all other items, appurtenances, and devices incidental to or necessary for a sound, secure, and complete installation. This item will be paid out per SY of driveway repair.

017 – Brick Driveway Repair

The cost for this item shall include all labor, material, and equipment to properly reinstall the brick driveways after installation of the PVC main line (Items 002-003). Contractor shall be responsible for all other items, appurtenances, and devices incidental to or necessary for a sound, secure, and complete installation. This item will be paid out per SY of driveway repair.

018 – Gravel Driveway Repair

The cost for this item shall include all labor, material, and equipment to properly reinstall the Gravel driveways after installation of the PVC main line (Items 002-003). Contractor shall be responsible for all other items, appurtenances, and devices incidental to or necessary for a sound, secure, and complete installation. This item will be paid out per SY of driveway repair.

019 – Asphalt Driveway Repair

The cost for this item shall include all labor, material, and equipment to properly reinstall the asphalt driveways after installation of the PVC main line (Items 002-003). Contractor shall be responsible for all other items, appurtenances, and devices incidental to or necessary for a sound, secure, and complete installation. This item will be paid out per SY of driveway repair.

020 - Asphalt Patch

This item shall be paid out per square yard and include all labor, material, and equipment required to patch the existing roadway with a 2" patch in accordance to SCDOT specifications for any work done under Items 002-004. Contractor shall compact the road base to ensure patch does not settle. Approval of patch work shall be up to GCWSD, Georgetown County, and SCDOT.

021 – Asphalt Road Overlay

This item shall be paid out per square yard and include all labor, material, and equipment required to overlay the existing roadway with a 1.5" overlay in accordance to SCDOT and Georgetown County specifications. The overlay shall cover both lanes of the roadway and extend 25 feet past the trench excavation. Approval of the overlay shall be up to GCWSD, Georgetown County, and SCDOT.

022 – Flowable Fill and Abandonment of 4” A.C. Line

This item shall be paid out per CY of flowable fill needed in order to properly abandon the existing 6” and 4” water main lines shown on the drawings. Contractor shall work with GCWSD staff to close valves prior to abandoning the line to ensure all services have been moved off the line. Contractor shall provide all labor, materials and equipment to cut, cap, and abandon the lines. Old meter services shall be used to test and check that the line is no longer active. Once line has been isolated, contractor shall fill line with flowable fill as required by SCDOT.

This project is being bid out in order to complete it in a timely manner as to not interfere with busier tourist times in North Litchfield. It is the responsibility of the Contractor to schedule a site visit prior to bid submittal to ensure full expectations and existing conditions for the project. Site visits with staff can be scheduled by calling Jaquan Reed at 843-359-5571; however, staff is not required to be present during site visit. It will be the Contractor’s responsibility to verify field conditions on site, including notification to 811 before work is to begin.

AGREEMENT
BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT

THIS AGREEMENT is by and between Georgetown County Water and Sewer District (“Owner”) and
_____ (“Contractor”).

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

ARTICLE 1 – WORK

- 1.1 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

Furnish all labor, equipment, and materials as required or as necessary to complete the North Litchfield Water Rehab Phase II project which includes the installation of approximately 9,680 LF of 6” and 2” PVC water line along with the installation/replacement of approximately 139 taps and 181 meter sets serving customers along Lakeshore Drive, Eutaw Lane, Parker Drive and other immediate area roads in the North Litchfield community of Pawleys Island, SC. The Contractor has looked over all Contract Documents, has visited the site and has full understanding of all project requirements. Unit costs are listed below in Section 5.01 B. All work shall be done in accordance and acceptance to Georgetown County Water and Sewer District (GCWSD), South Carolina Department of Transportation (SCDOT), and South Carolina Department of Health and Environmental Control (SCDHEC) specifications and regulations.

ARTICLE 2 – THE PROJECT

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

Project #22-35 North Litchfield Water Rehab Phase II

ARTICLE 3 – ENGINEER

- 3.01 The Project has been designed by the owner, Georgetown County Water and Sewer District. The owner assumes all duties and responsibilities, and have the rights and authority assigned to owner in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 – CONTRACT TIMES

- 4.01 Time of the Essence

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 Days to Achieve Completion and Final Payment

- A. The Work will be completed within 180 calendar days of the Notice to Proceed.

4.03 Liquidated Damages

- A. Contractor and Owner recognize that time is of the essence of this Agreement and that Owner will suffer financial loss if the Work is not completed within the times specified in Paragraph 4.02 above, plus any extension thereof allowed in accordance with Article 12 of the General Conditions. The parties also recognize the delays, expense, and difficulties involved improving in a legal or arbitration preceding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay Owner \$100.00 for each day that expires after the time specified in Paragraph 4.02 for Completion until the Work is complete.

ARTICLE 5 – CONTRACT PRICE

- 5.01 Owner shall pay Contractor for completion of the Work in accordance with the contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to Paragraphs 5.01.A, 5.01.B, and 5.01.C below:

- A. For all Work other than Unit Price Work, a Lump Sum of:

N/A (\$ N/A)
(words) (figure)

All specific cash allowances are included in the above price and have been computed in accordance with the General Conditions.

- B. For all Unit Price Work, an amount equal to the sum of the established unit price for each separately identified item of Unit Price Work times the estimated quantity of that item as indicated in this paragraph 5.01.B:

As provided in the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by owner as provided in the General Conditions. Unit prices have been computed as provided in the General Conditions.

UNIT PRICE WORK

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	\$ PER UNIT	TOTAL \$
001	1	LS	Traffic Control		
002	9,400	LF	6" PVC C900 DR25 Blue Water Main		
003	300	LF	2" PVC SDR 21 Blue Water Main		
004	640	LF	12" Open Cut W/ Steel Casing		
005	1	EA	2" Post Hydrant Assembly		
006	12	EA	Fire Hydrant Relocation / Connection		
007	59	EA	6" MJ Gate Valve		
008	3	EA	2" Gate Valve		
009	3050	LBS	Ductile Iron Fittings		
010	4	EA	Meter Set Replacement Only		
011	62	EA	Single, Short Water Service w/Tap		
012	23	EA	Double, Short Water Service w/Tap		
013	39	EA	Single, Long Water Service w/Tap		
014	15	EA	Double, Long Water Service w/Tap		
015	4038	SF	Sod		
016	1282	SY	Concrete Driveway Repair		
017	58	SY	Brick Driveway Repair		
018	790	SY	Gravel Driveway Repair		
019	469	SY	Asphalt Driveway Repair		
020	285	SY	Asphalt Patch (Road)		
021	3,555	SY	Asphalt Overlay (Road)		
022	52	CY	Flowable Fill Line Abandonment		
			TOTAL COST		

ESTIMATED TOTAL OF ALL UNIT PRICE WORK:

_____ \$ _____.
 (use words) (use figure)

C. For all Work, at the prices stated in Contractor's Bid, attached hereto as an exhibit.

ARTICLE 6 – PAYMENT PROCEDURES

6.01 Submittal and Processing of Payments

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

6.02 Progress Payments; Retainage

- A. Owner shall make progress payments on the basis of Contractor's Applications for Payment on or about the twentieth (20th) day of each month during performance of the Work as provided in Paragraphs 6.02.A.1 and 6.02A.2 below. All such payments will be measured by the schedule of values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of unites completed) or, in the event there is no schedule of values, as provided in the General Requirements:
 - 1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Engineer may determine or Owner may withhold, including but not limited to liquidated damages, in accordance with the General Conditions:
 - a. 90 percent of Work completed (with the balance being retainage); and
 - b. 90 percent of cost materials and equipment not incorporated in the Work (with the balance being retainage).
 - 2. Upon written request by the Contractor and a determination by the owner that the work has reached fifty (50) percent complete, no additional retainage will be withheld unless the Owner deems it necessary to protect the interest of the Owner. If approved by the owner, the retainage withheld after the fifty (50) percent completion milestone will equal the total contract value times five (5) percent until the Work is substantially complete.
 - 3. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to 95 percent of the Work completed, less such amounts as owner shall determine in accordance with the General Conditions.

6.03 Final Payment

- A. Upon receipt of the final Application for Payment accompanied by owners recommendation of payment in accordance with the General Conditions, Owner shall pay Contractor as provided in the General Conditions the remainder of the contract Price as recommended by owner less any sum Owner is entitled to set off against, including but not limited to liquidated damages.

ARTICLE 7 – INTEREST

7.01 All moneys not paid when due as provided in the General Conditions shall bear interest at the maximum legal rate.

ARTICLE 8 – CONTRACTOR’S REPRESENTATIONS

8.01 In order to induce Owner to enter into this Agreement Contractor makes the following representations:

- A. Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.
- B. Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Contractor has carefully studied all: (1) reports of explorations and test of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Contract Documents as provided in the General Conditions and (2) reports and drawings of a Hazardous Environmental Condition, if any, at the Site which has been identified in the Contract Documents as provided in the General Conditions.
- E. Contractor has obtained and carefully studied (or assumes responsibility for doing so) all additional or supplementary examinations, investigations, explorations, test, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, and safety precautions and programs incident thereto.
- F. Contractor does not consider that any further examinations, investigations, explorations, test, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- G. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
- H. Contractor has correlated the information known to Contractor, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
- I. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

- J. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
- K. Contractor and its Subcontractors are financially solvent, able to pay all debts as they mature and possessed of sufficient working capital to complete the Work and perform all obligations hereunder.
- L. Contractor is able to furnish the plan, tools, materials, supplies, equipment and labor required to complete the Work and perform its obligations hereunder.
- M. Contractor is authorized to do business in the State of South Carolina and properly licensed by all necessary governmental and public and quasi-public authorities having jurisdiction over it and over the Work and the Project.
- N. Contractor's execution of this Agreement and its performance thereof is within its duly authorized powers.
- O. Contractor possesses the experience and expertise in the administration, construction, management, and superintendence of projects of the size, complexity and nature of this particular Project, and that it will perform the Work with the care, skill and diligence of such a Contractor.

ARTICLE 9 - MISCELLANEOUS

9.00 Terms

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

9.01 Assignment of Contract

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

9.02 Successors and Assigns

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

9.03 Severability

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be

valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close to possible to expressing the intention of the stricken provision.

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement. One counterpart each has been delivered to Owner, Contractor. All portions of the Contract Documents have been signed, initialed, or identified by Owner and Contractor.

NOTE(S) TO USER

See I-21 and correlate procedures for format and signing between the two documents.

This Agreement is dated _____. This Agreement shall not be effective unless and until Agency's designated representative concurs.

OWNER:

CONTRACTOR

Georgetown County Water and Sewer District

_____.

By: _____

By: _____

Title: _____

Title: _____

(CORPORATE SEAL)

(CORPORATE SEAL)

Attest: _____

Attest: _____

Title: _____

Title: _____

Address for giving notices:

Georgetown County Water and Sewer District

PO Box 2730

Pawleys Island, SC 29585

Address for giving notices:

Agent for service of process:

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

Agency Concurrence:

As lender or insurer of funds to defray the costs of this Contract, and without liability for any payments thereunder, the Agency hereby concurs in the form, content, and execution of this Agreement.

Agency: _____

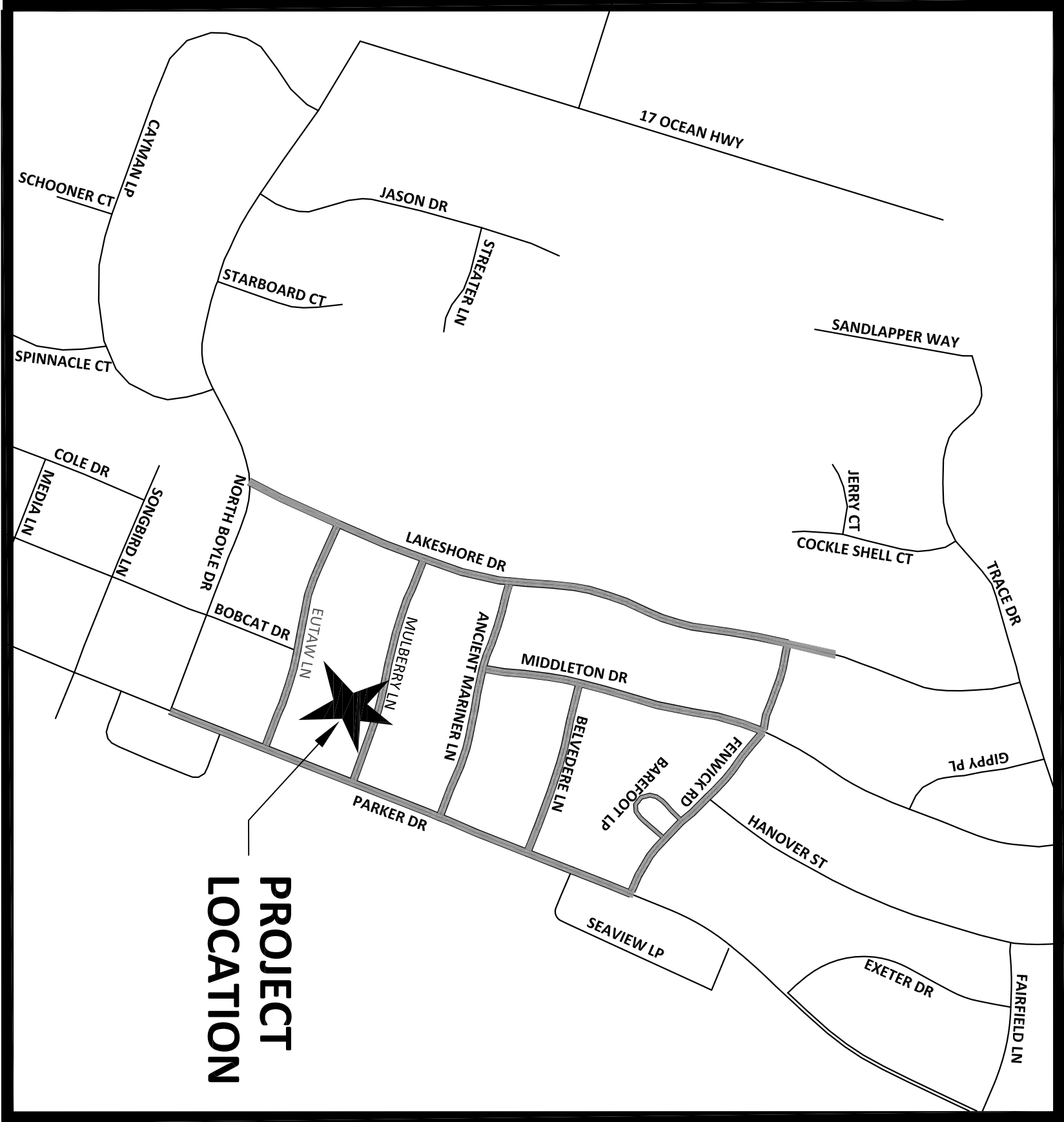
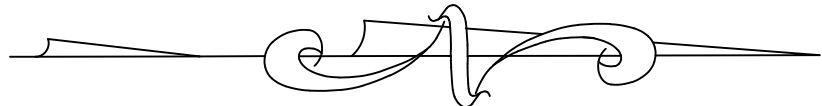
By: _____

Date: _____

Title: _____

N. LITCHFIELD WATER REHAB PHASE 2

PAWLEYS ISLAND, SOUTH CAROLINA



GEORGETOWN COUNTY WATER & SEWER DISTRICT

P.O. BOX 2730 PAWLEYS ISLAND, SC 29585
PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515



REVISION		BY	DATE
0 -	DESIGN DRAWINGS	JR	02-06-25
1 -	RECORD DRAWINGS	JR	11-21-24



GEORGETOWN COUNTY

WATER & SEWER DISTRICT

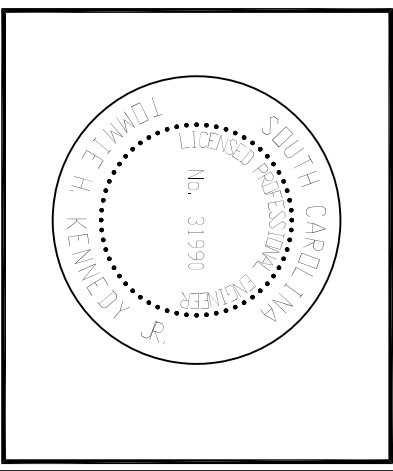
P.O. BOX 2730 PAWLEYS ISLAND, SC 29585

PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515

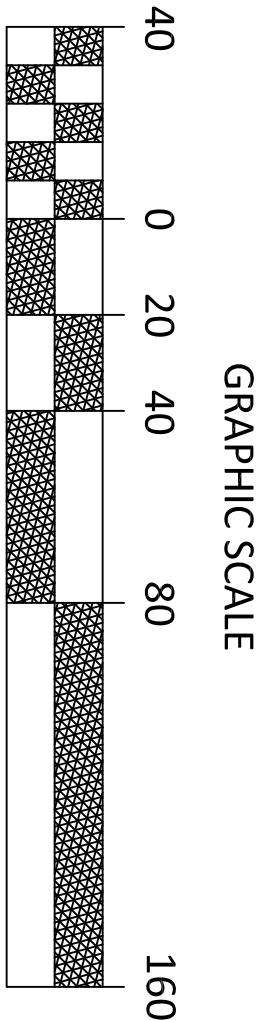
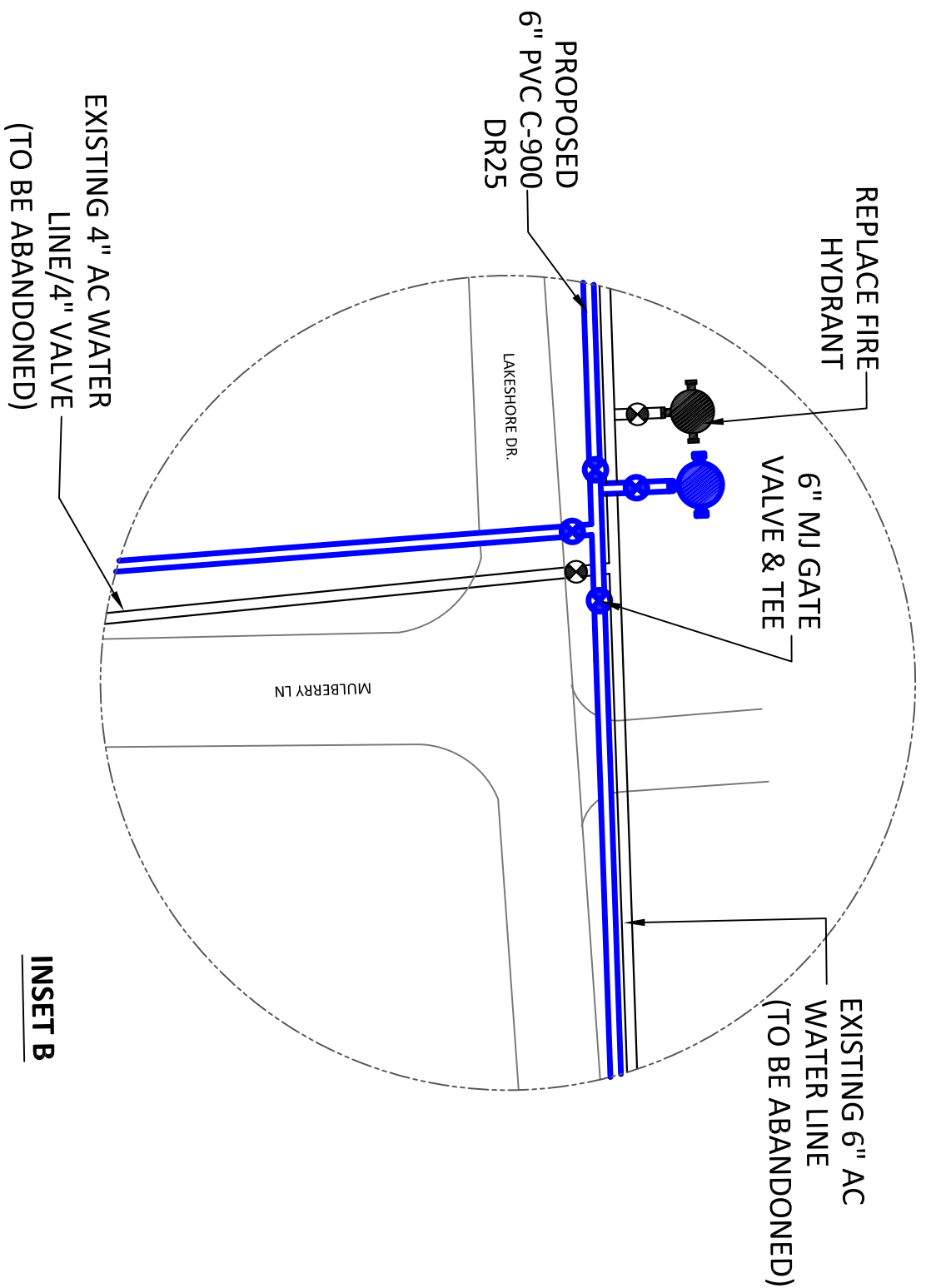
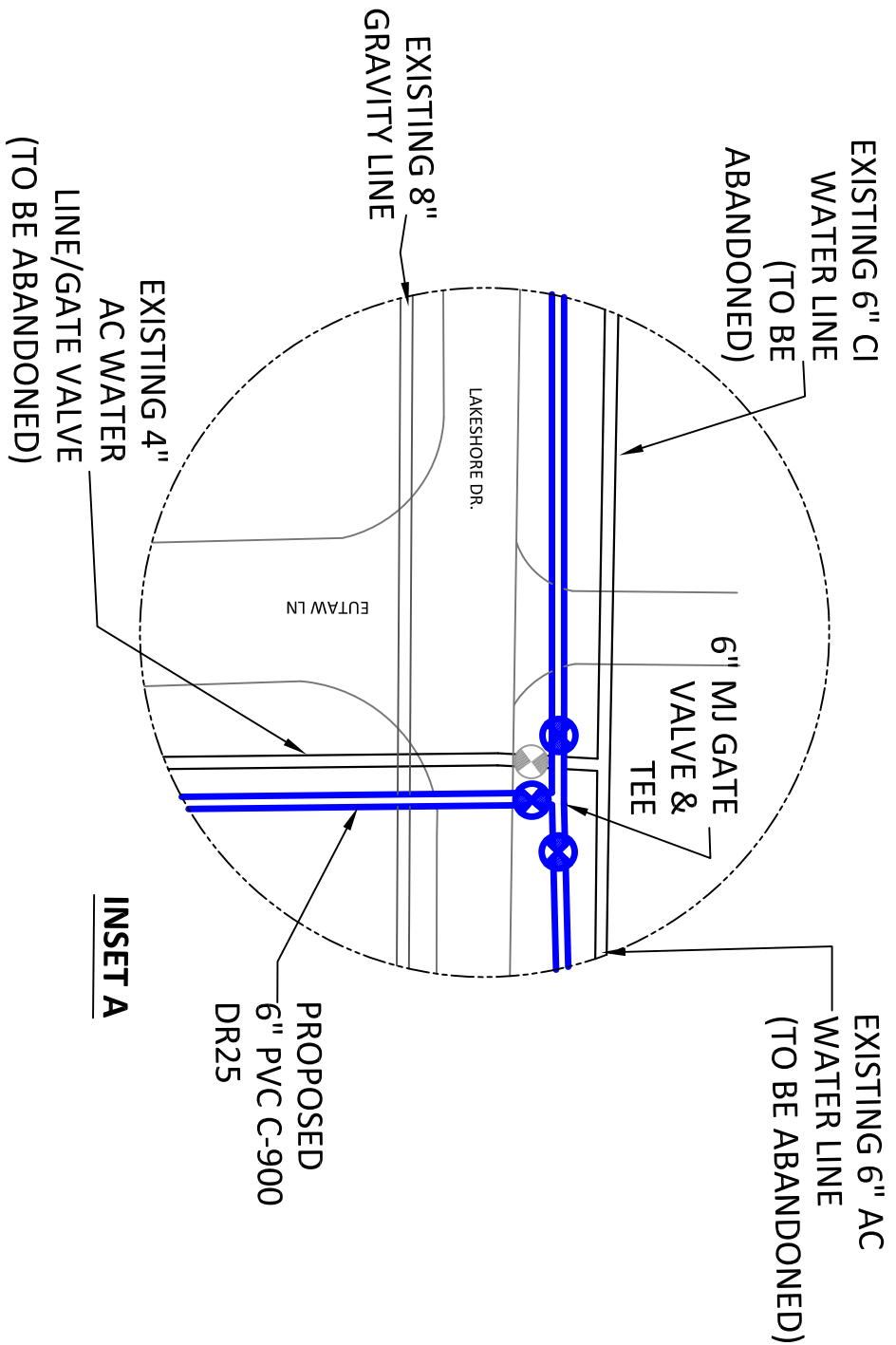
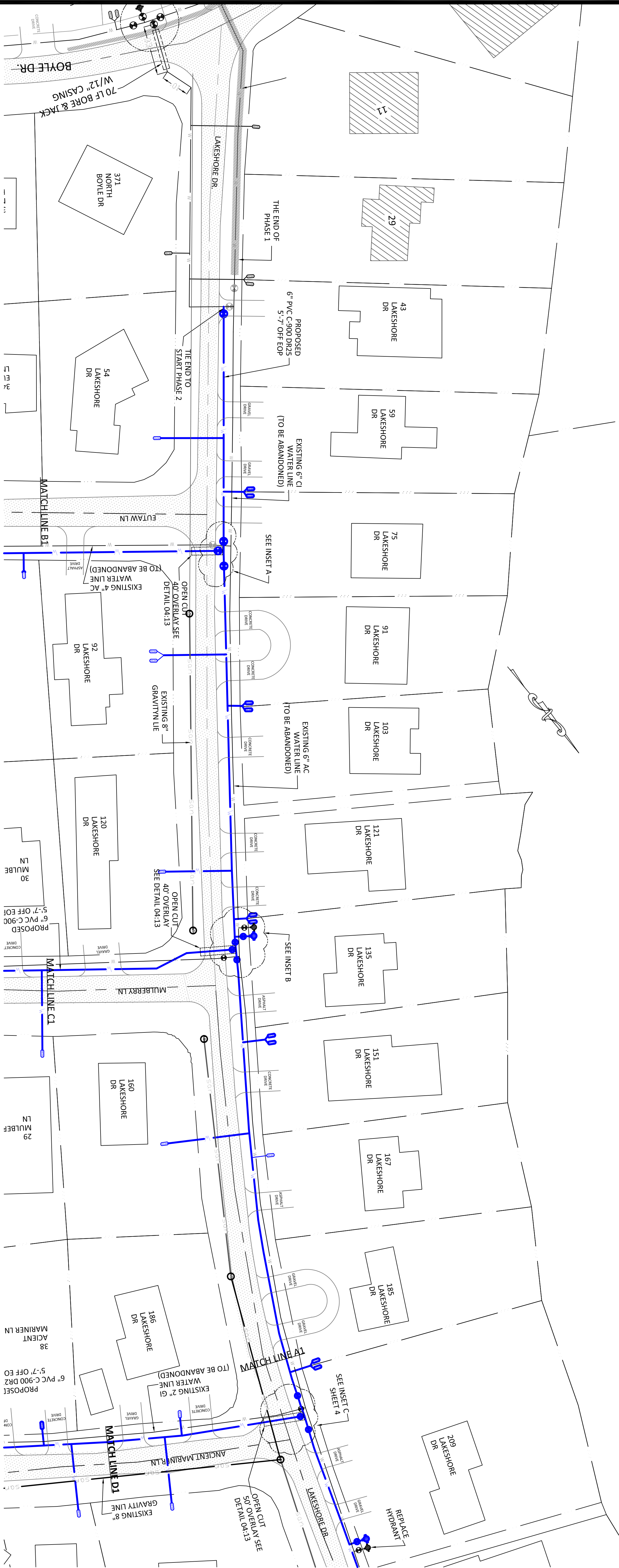
DESIGN DRAWINGS

FOR

N. LITCHFIELD WATER REHAB PHASE 2



DATE : 02-06-25	SCALE : NOT TO SCALE
DRAWN BY : JAOLAN REED	CHECKED BY :
APPROVED BY :	



REVISION	BY	DATE
0 - DESIGN DRAWINGS	JR	02-06-25

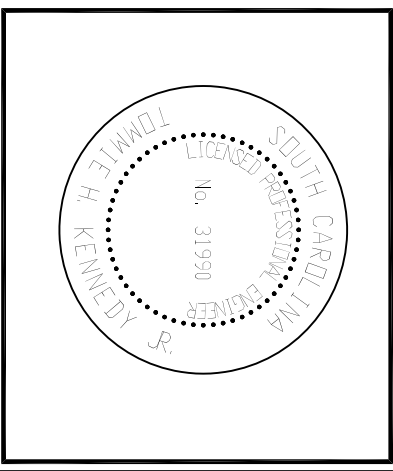


GEORGETOWN COUNTY
WATER & SEWER DISTRICT
P.O. BOX 2730 PAWLEYS ISLAND, SC 29585
PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515

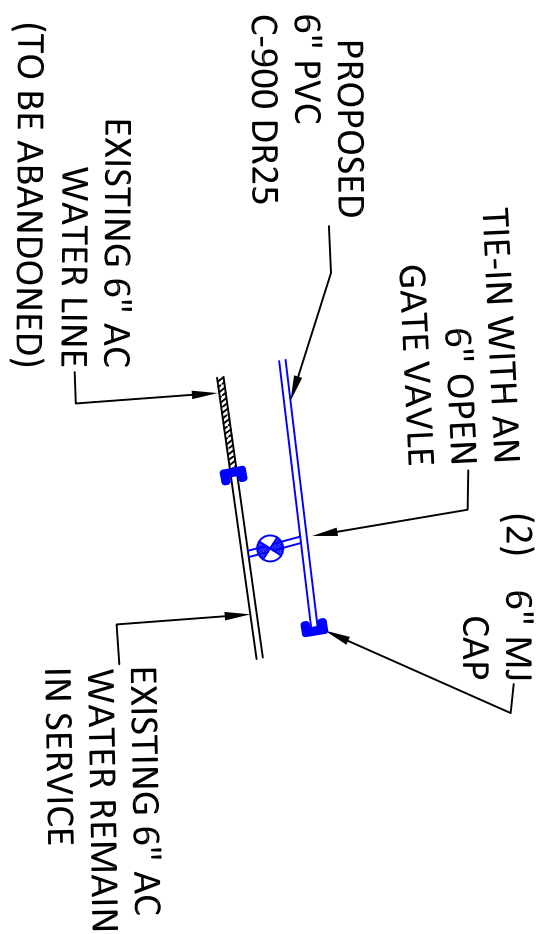
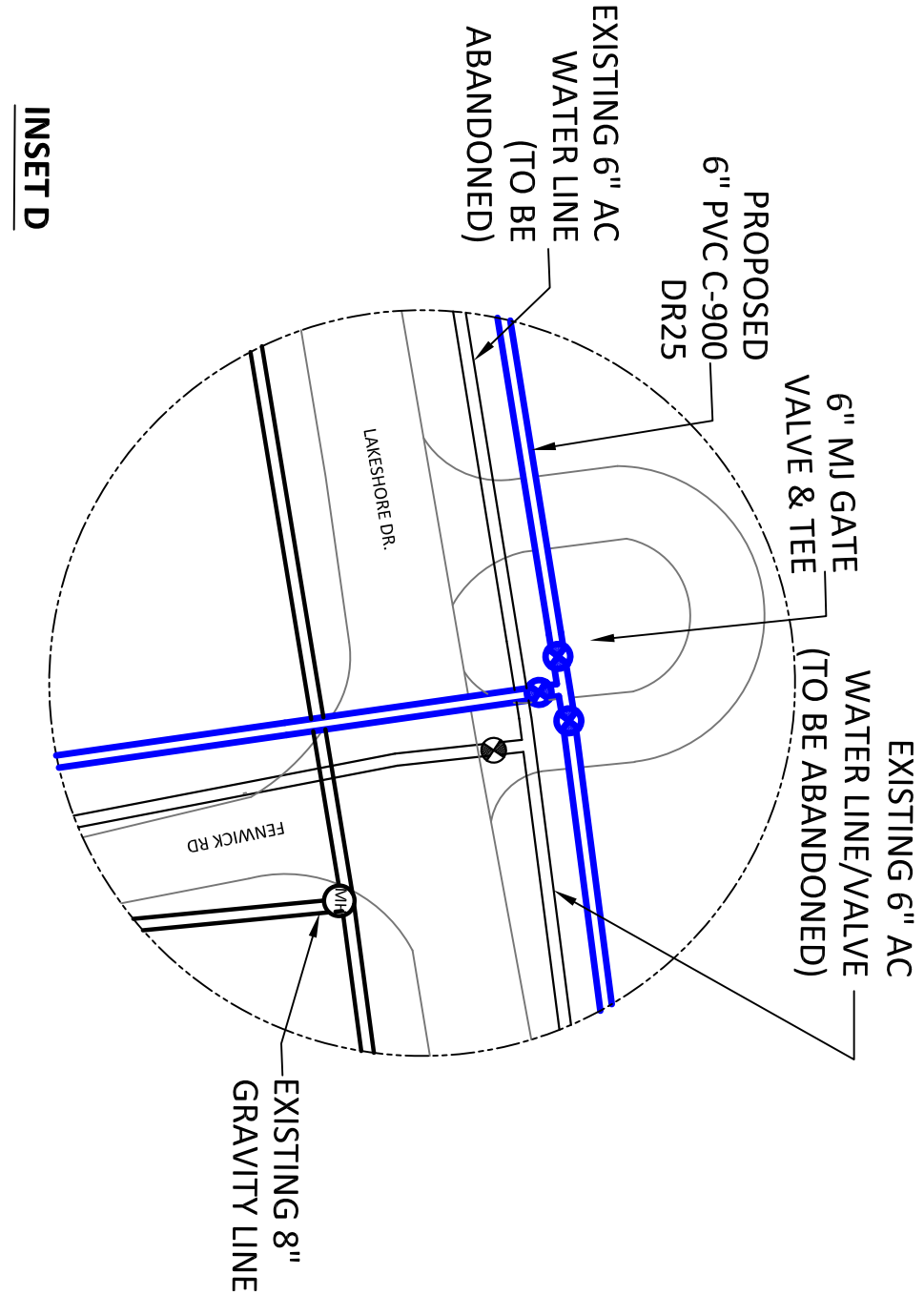
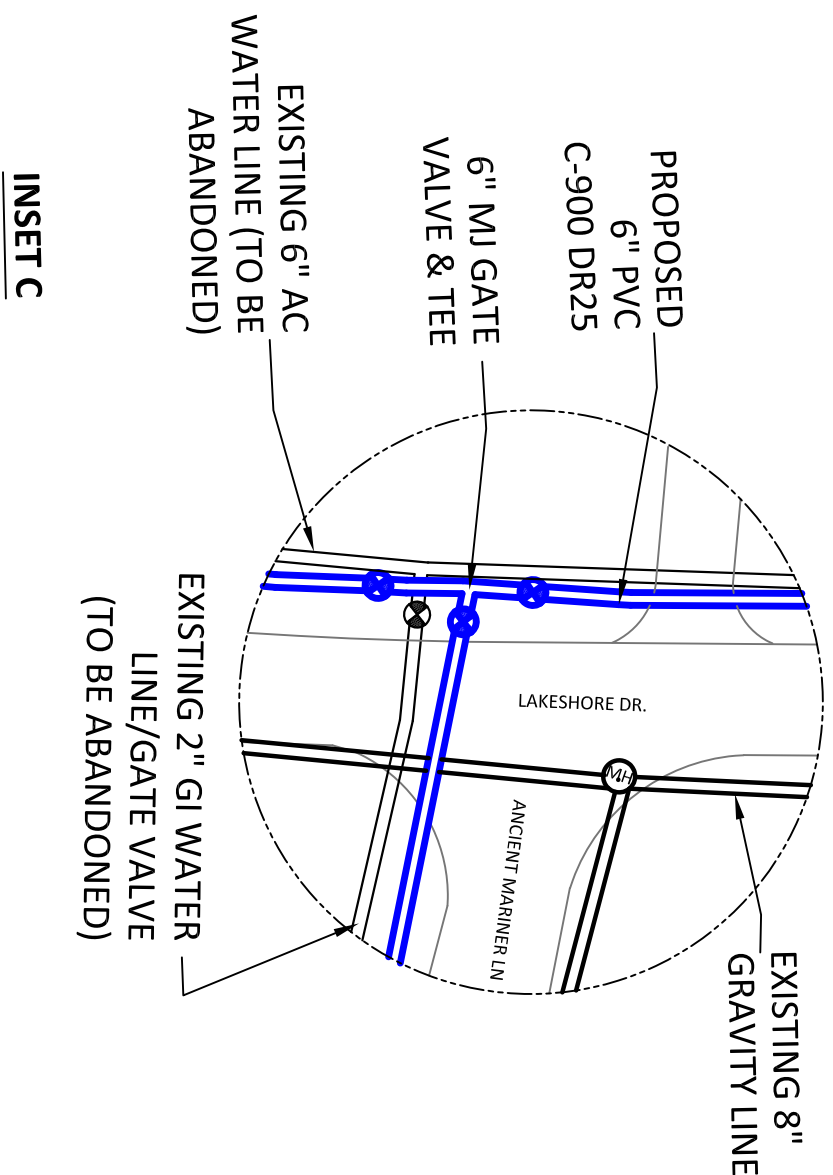
DESIGN DRAWINGS

FOR

N. LITCHFIELD WATER REHAB PHASE 2



DATE: 02-06-25	SCALE: NOT TO SCALE
DRAWN BY: Jaquan Reed	CHECKED BY:
APPROVED BY:	



REVISION	BY	DATE
0 - DESIGN DRAWINGS	JR	02-06-25

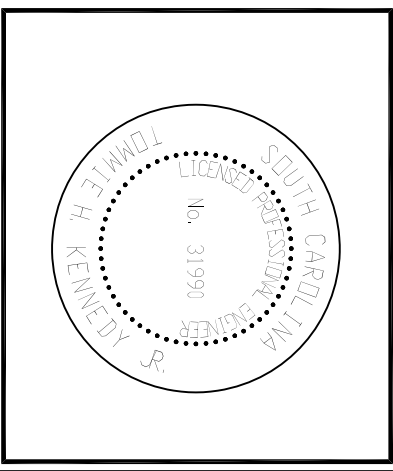


GEORGETOWN COUNTY
WATER & SEWER DISTRICT
P.O. BOX 2730 PAWLEYS ISLAND, SC 29585
PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515

DESIGN DRAWINGS

FOR

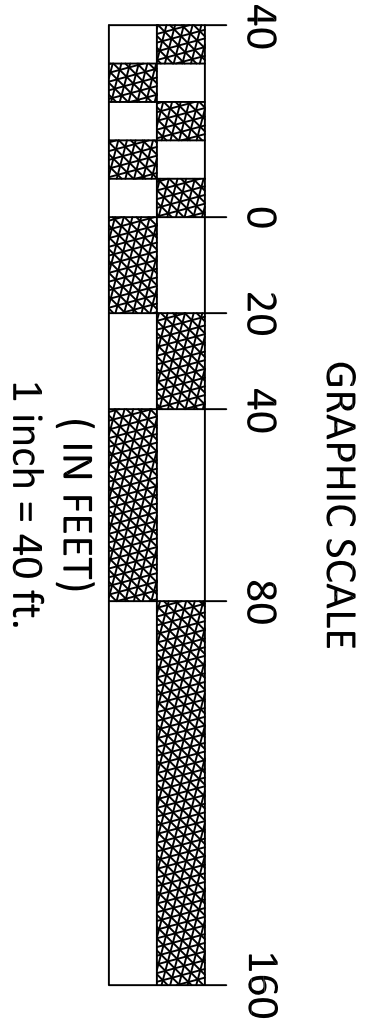
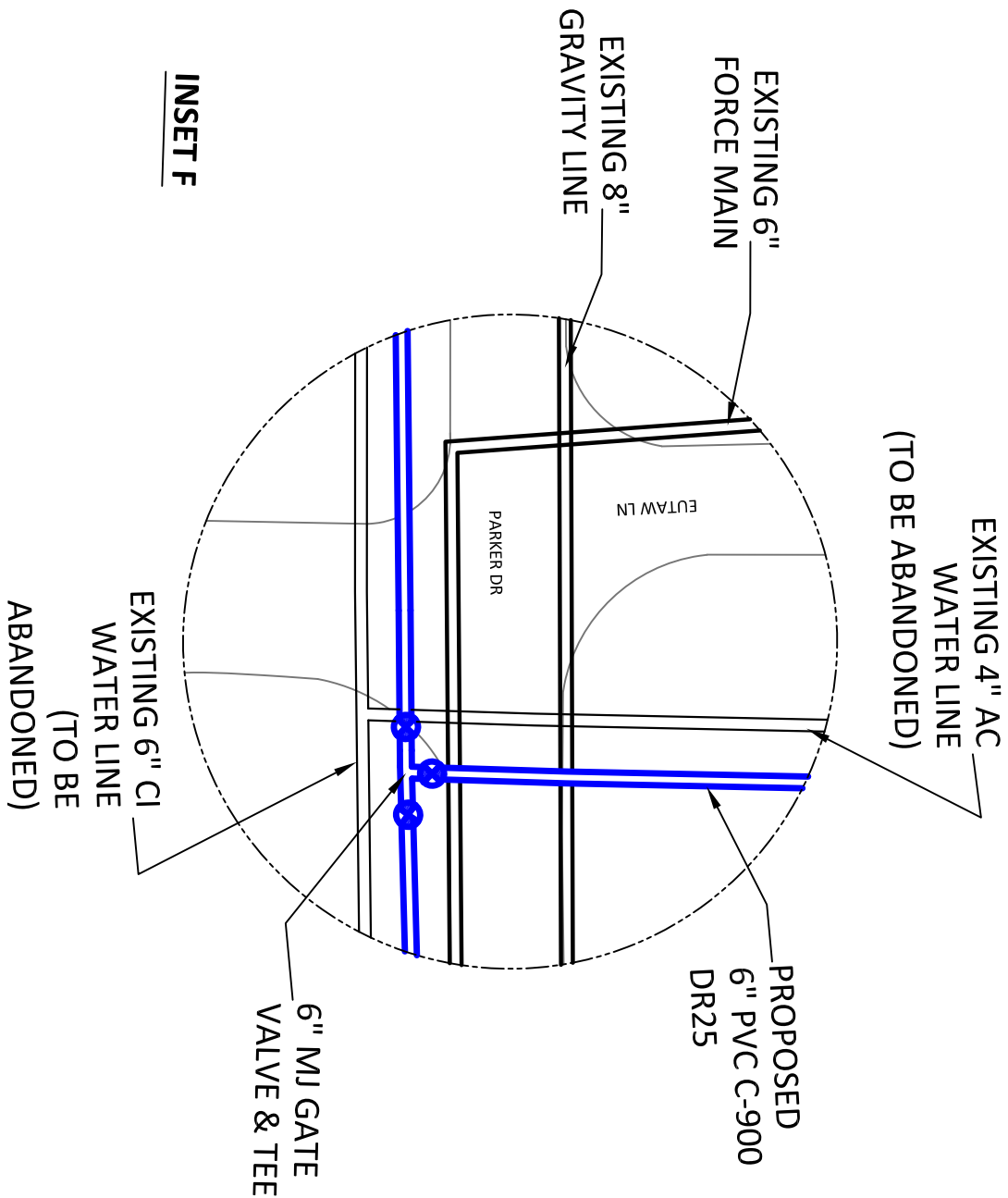
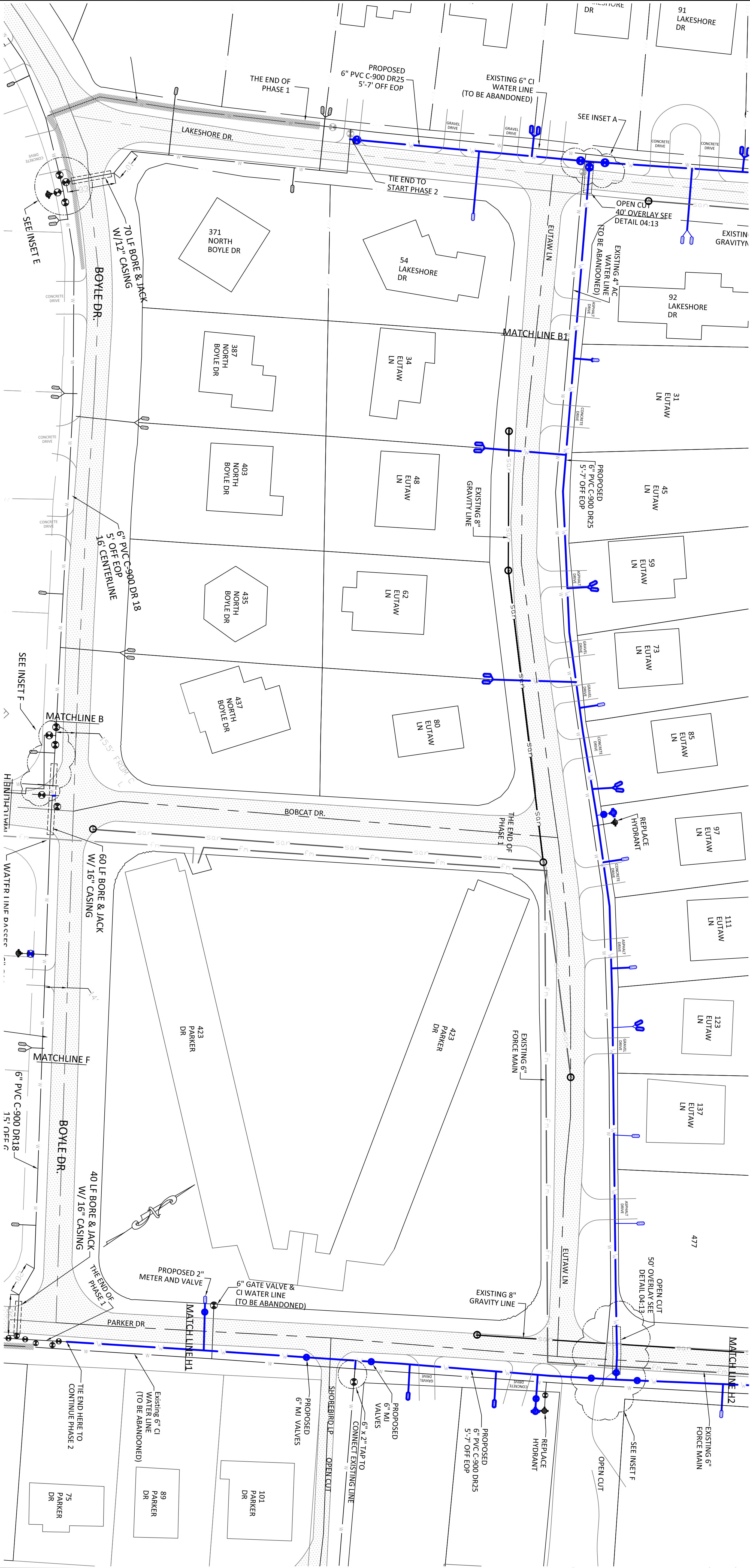
N. LITCHFIELD WATER REHAB PHASE 2



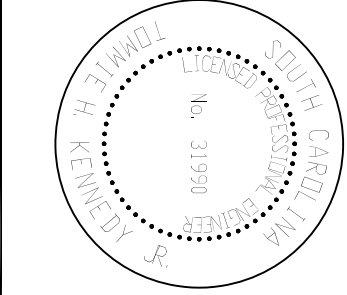
DATE : 02-06-25	SCALE : NOT TO SCALE
DRAWN BY : Jaquan Reed	CHECKED BY :
APPROVED BY :	



P.U.P.S.
CALL BEFORE YOU DIG
Pawleys Utility
Protection Service



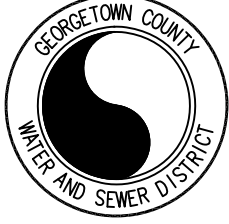
CALL BEFORE YOU DIG
Pawleys Island Utility
Protection Service



DESIGN DRAWINGS

FOR

N. LITCHFIELD WATER REHAB PHASE 2



GEORGETOWN COUNTY

WATER & SEWER DISTRICT

P.O. BOX 2730 PAWLEYS ISLAND, SC 29585

PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515

REVISION	BY	DATE
0 - DESIGN DRAWINGS	JR	02-06-25

DATE : 02-06-25

SCALE : NOT TO SCALE

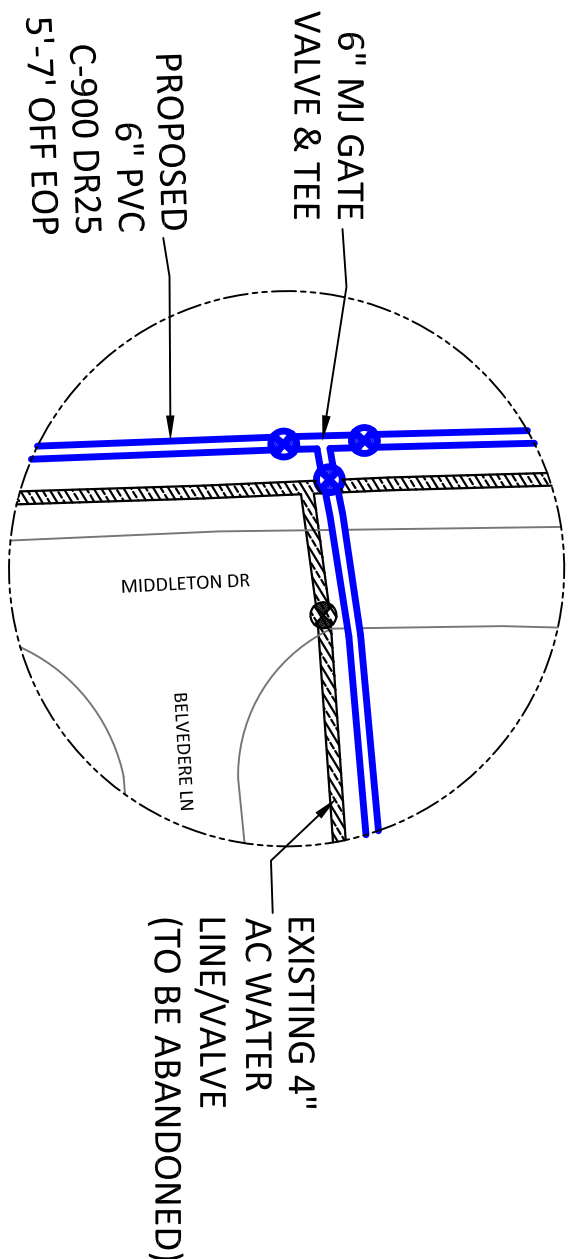
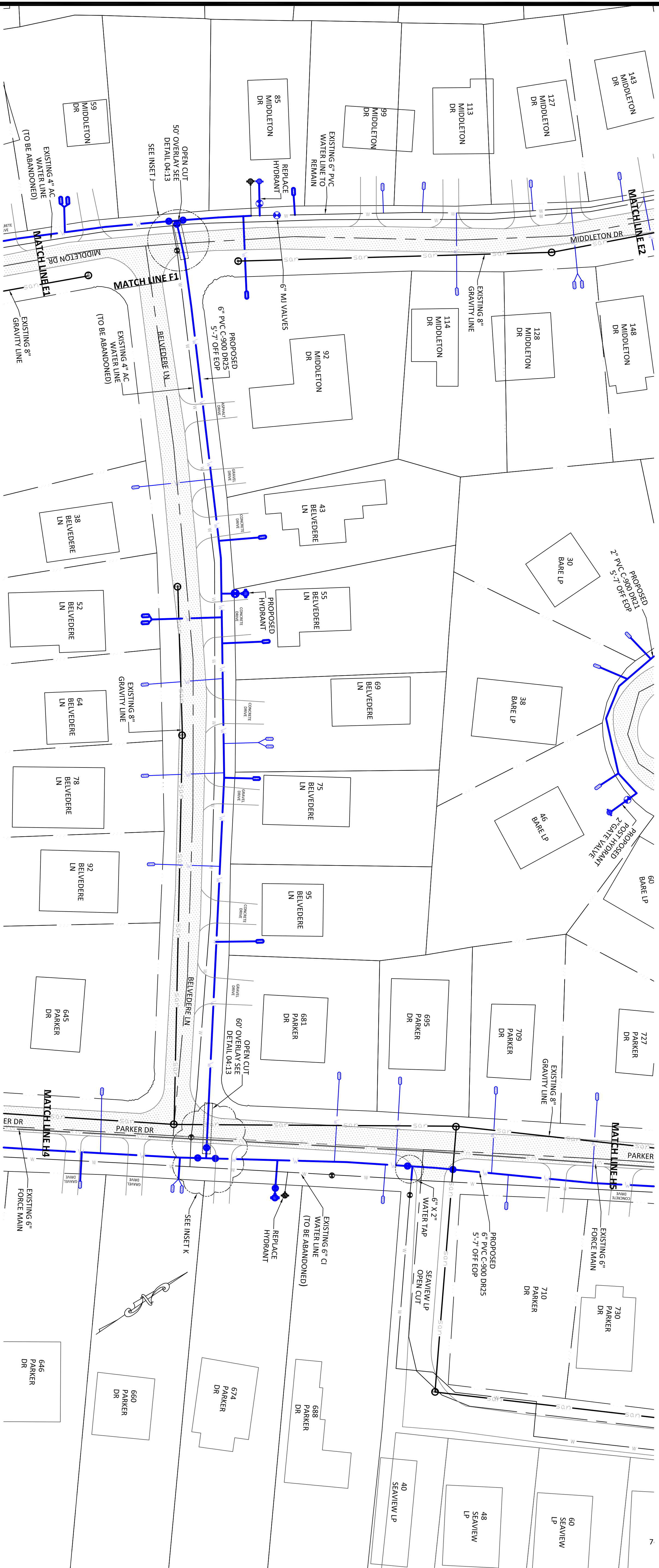
DRAWN BY :
Jasquan Reed

CHECKED BY :

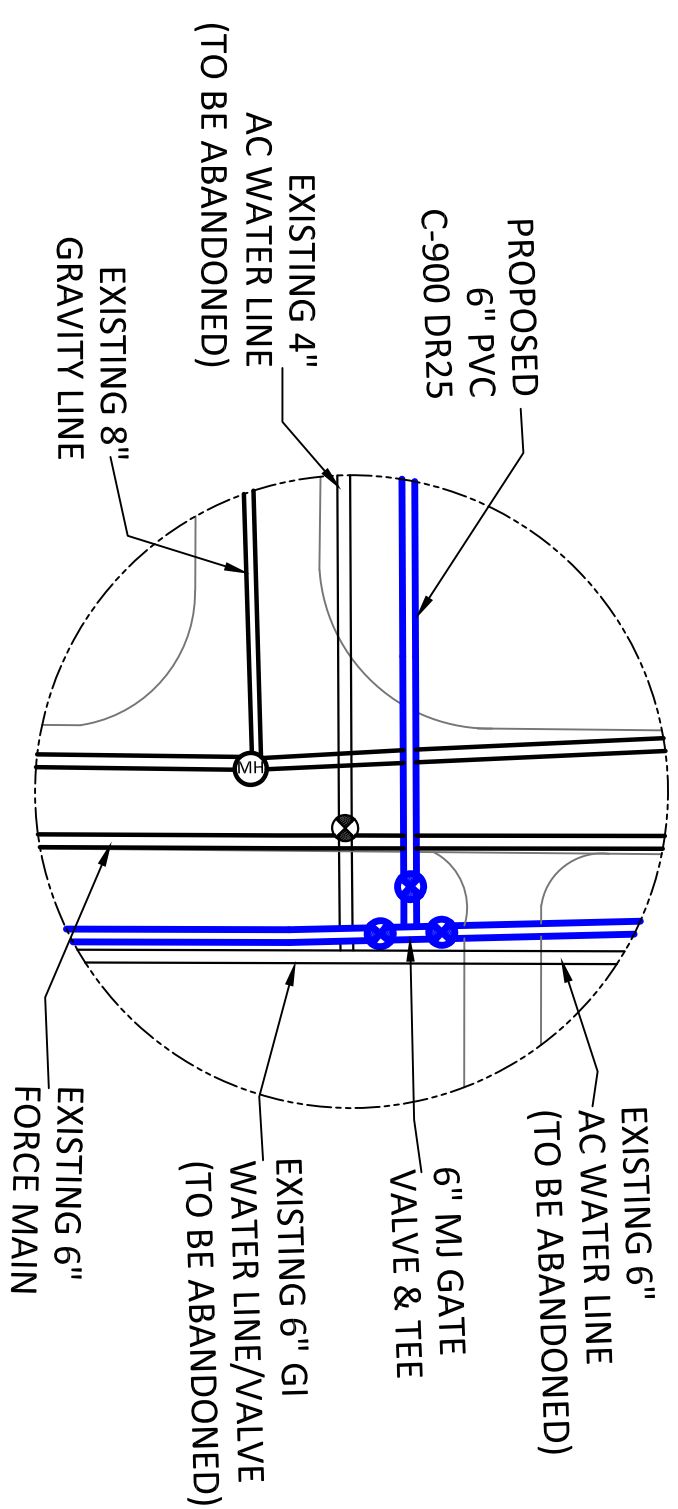
APPROVED BY :

SHEET :

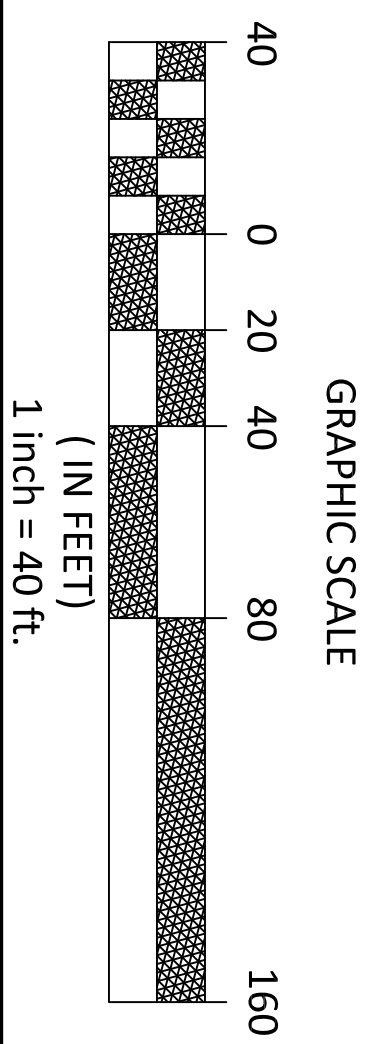
5 of 13



INSET J



INSET K



P.U.P.S
811
CALL BEFORE YOU DIG
Palmetto Utility
Protection Service

SHEET:

8 of 13

DESIGN DRAWINGS

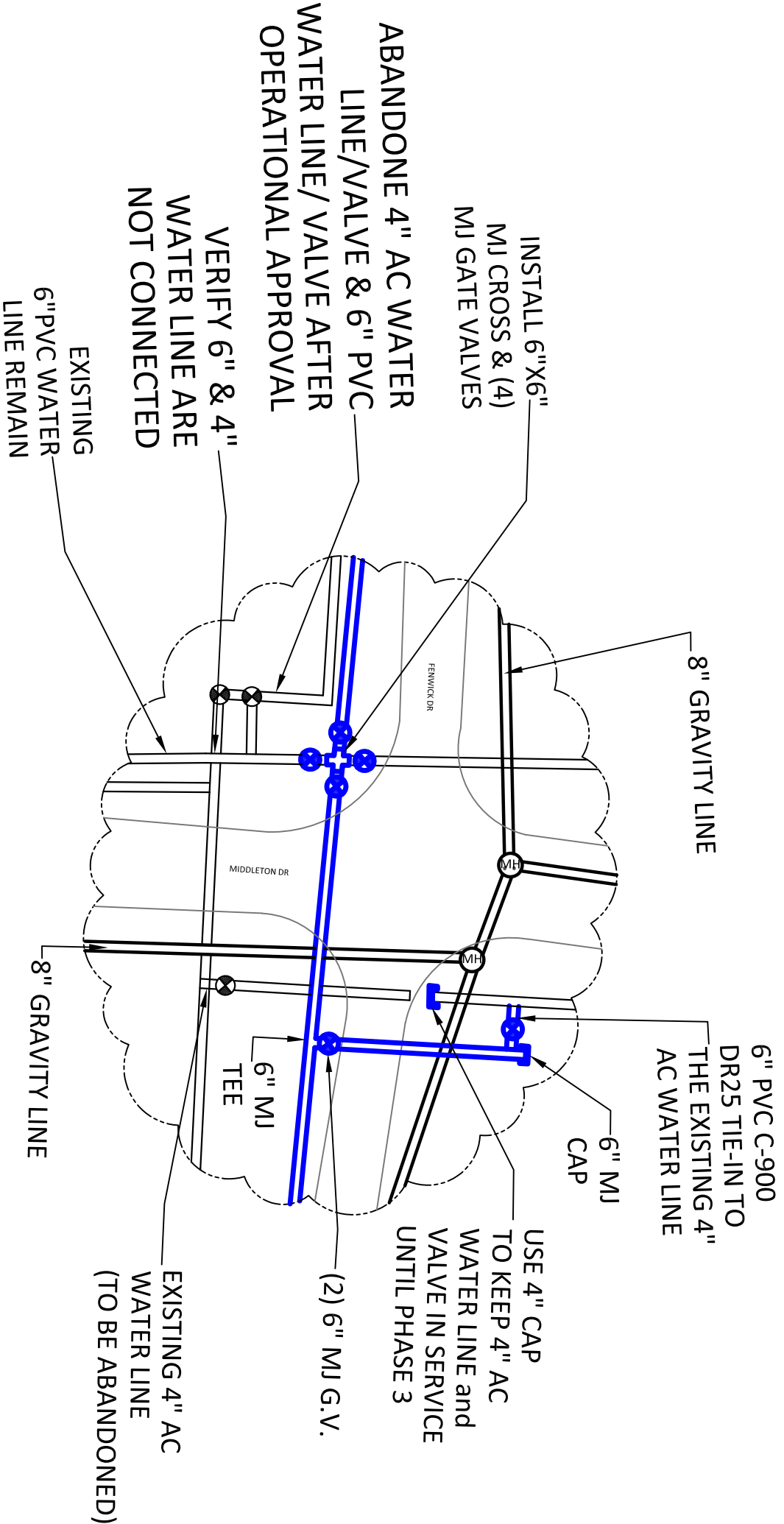
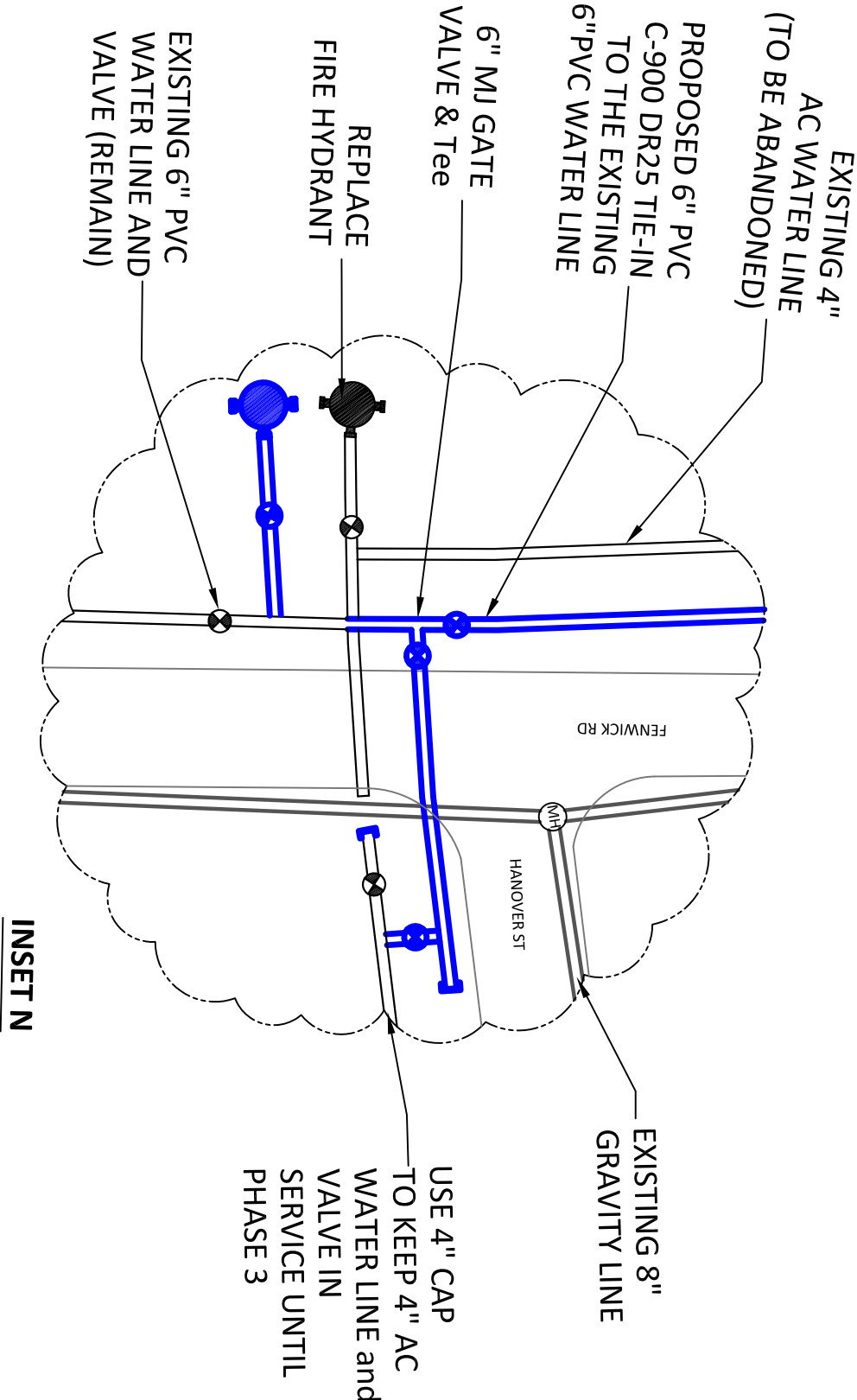
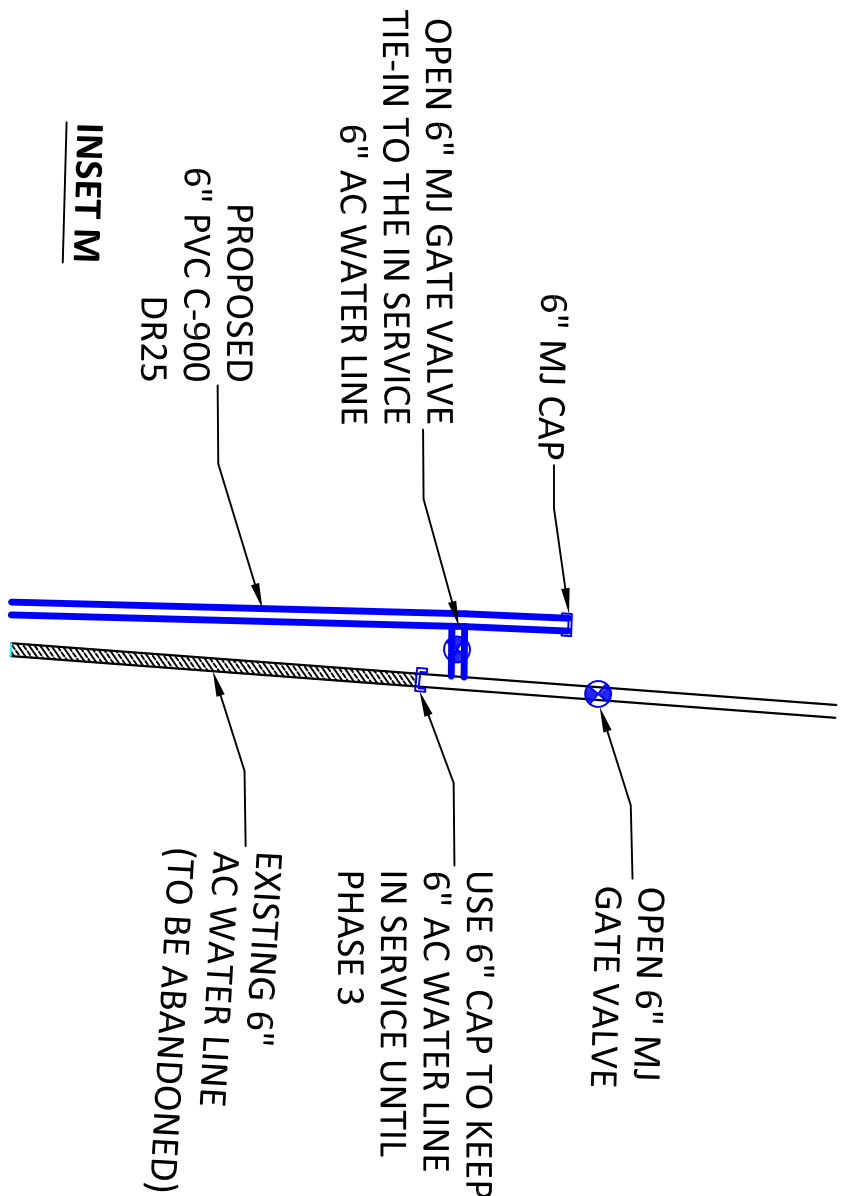
FOR

N. LITCHFIELD WATER REHAB PHASE 2



GEORGETOWN COUNTY
WATER & SEWER DISTRICT
P.O. BOX 2730 PAWLEYS ISLAND, SC 29585
PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515

[illegible]



REVISION	BY	DATE
0 - DESIGN DRAWINGS	JR	02-06-25



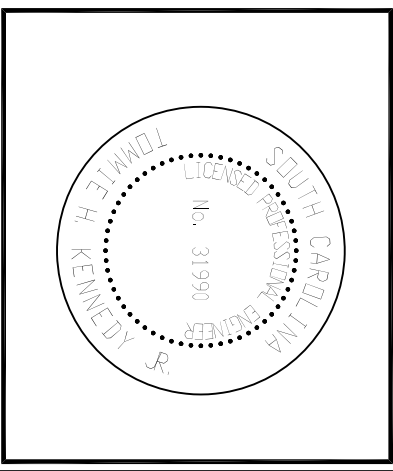
GEORGETOWN COUNTY
WATER & SEWER DISTRICT

P.O. BOX 2730 PAWLEYS ISLAND, SC 29585
 PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515

DESIGN DRAWINGS

FOR

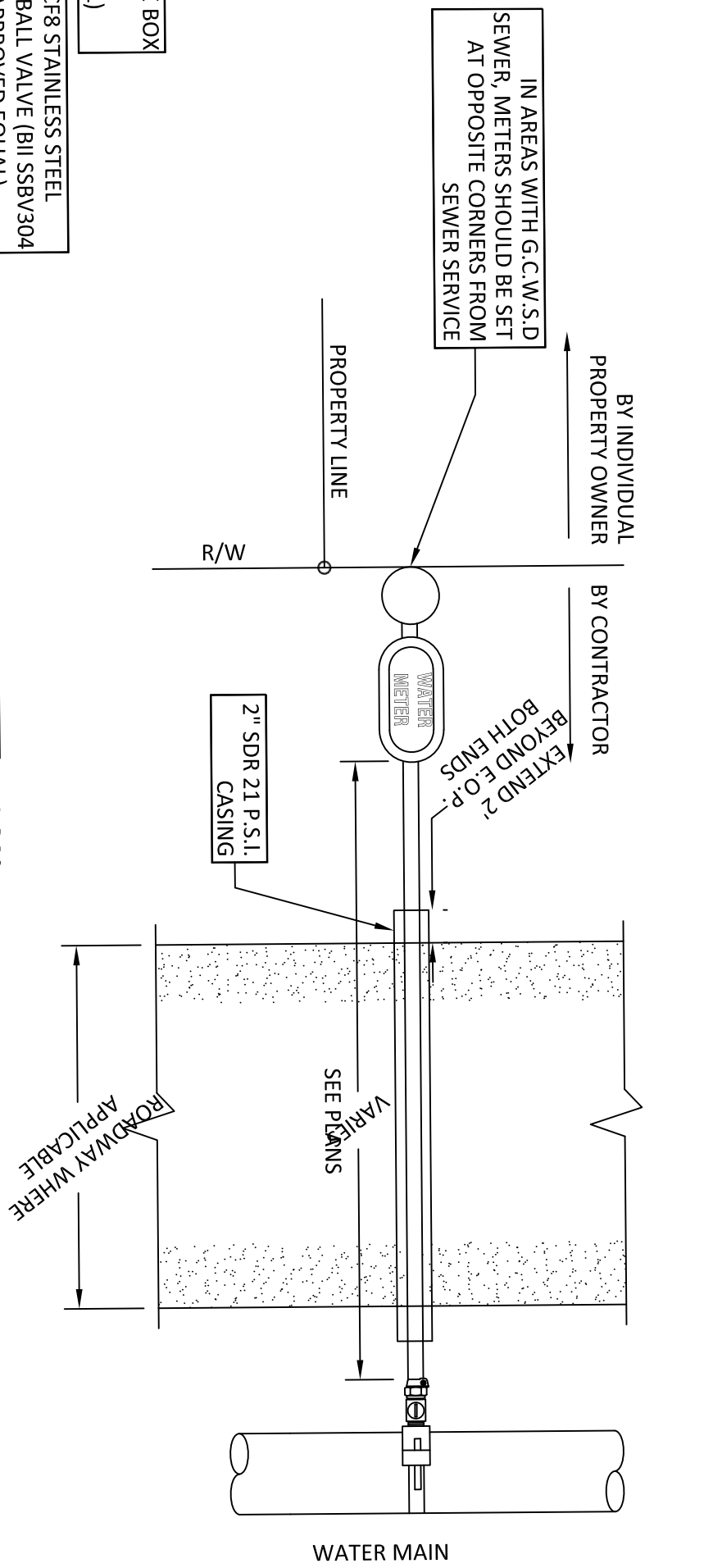
N. LITCHFIELD WATER REHAB PHASE 2



DATE : 02-06-25	SCALE : NOT TO SCALE
DRAWN BY : Jaquan Reed	CHECKED BY :
APPROVED BY :	

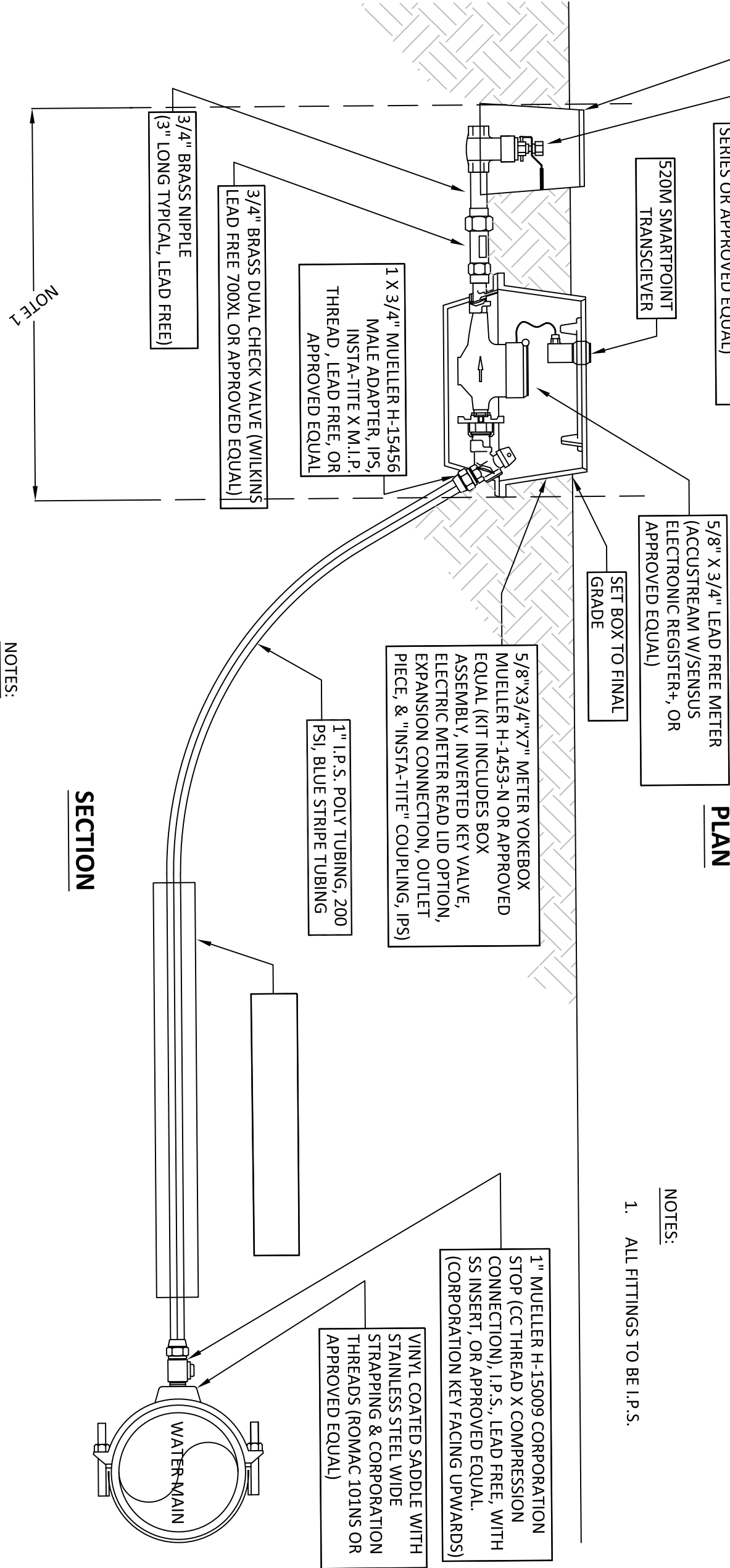


P.U.P.S.
 CALL BEFORE YOU DIG
 Pawleys Utility
 Protection Service



NOTES:

1. ALL FITTINGS TO BE I.P.S.

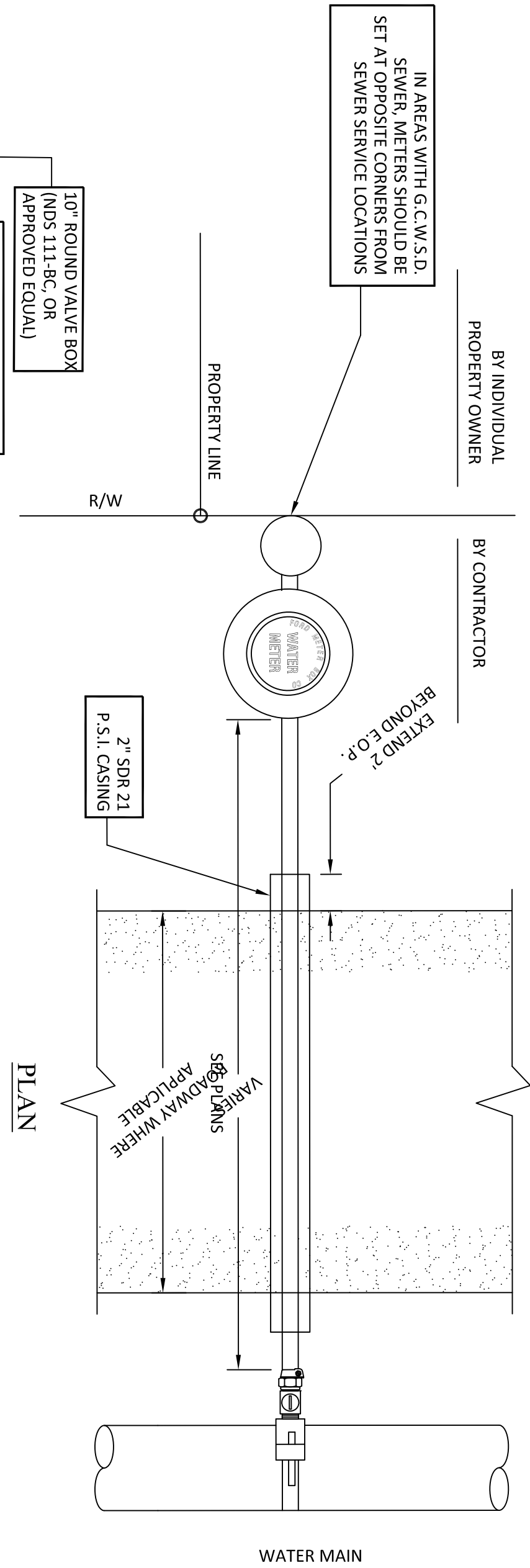


NOTES:

1. FOR METER SET ONLY REPLACEMENTS, REPLACE THE ENTIRE METER BOX, METER, DUAL CHECK, BALL VALVE, ADAPTERS, NIPPLES, ETC.

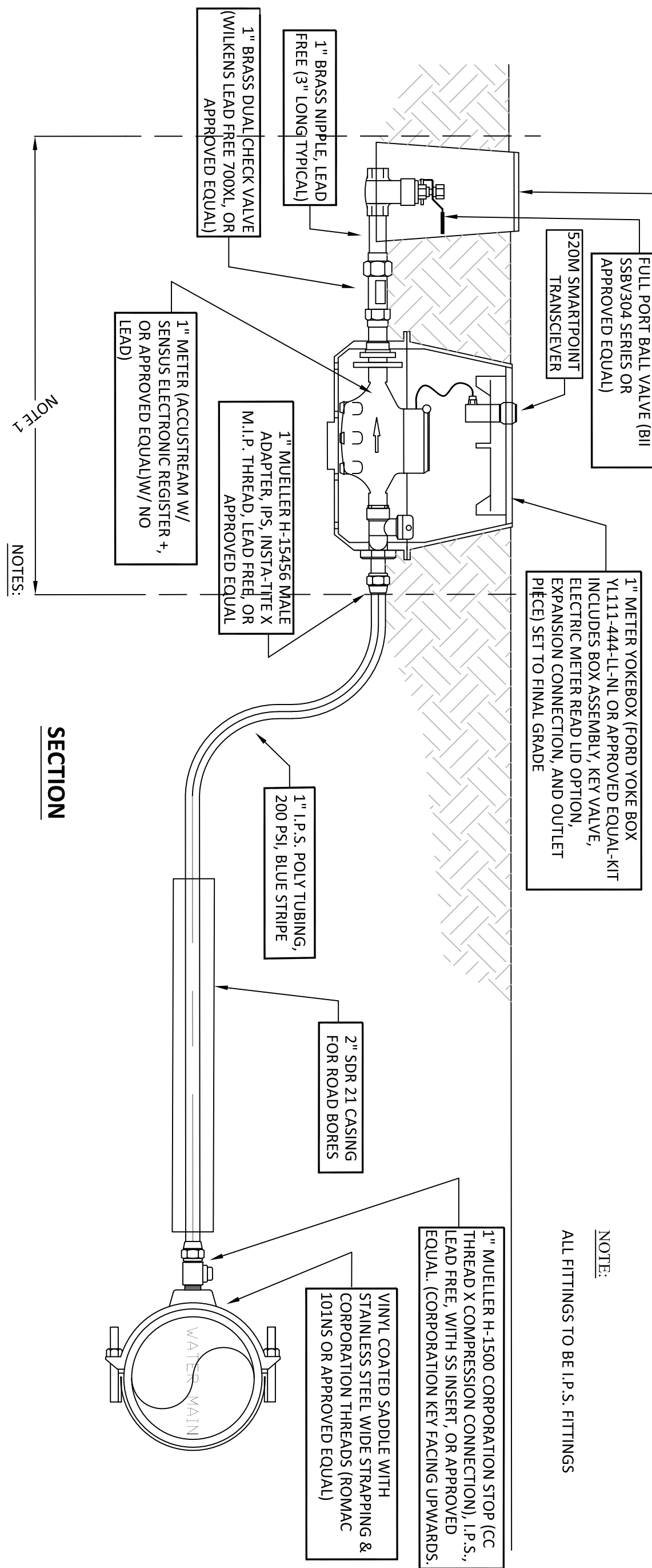
01 RESIDENTIAL WATER METER DETAIL - 3/4" SERVICE

11 NOT TO SCALE



NOTE:

ALL FITTINGS TO BE I.P.S., FITTINGS

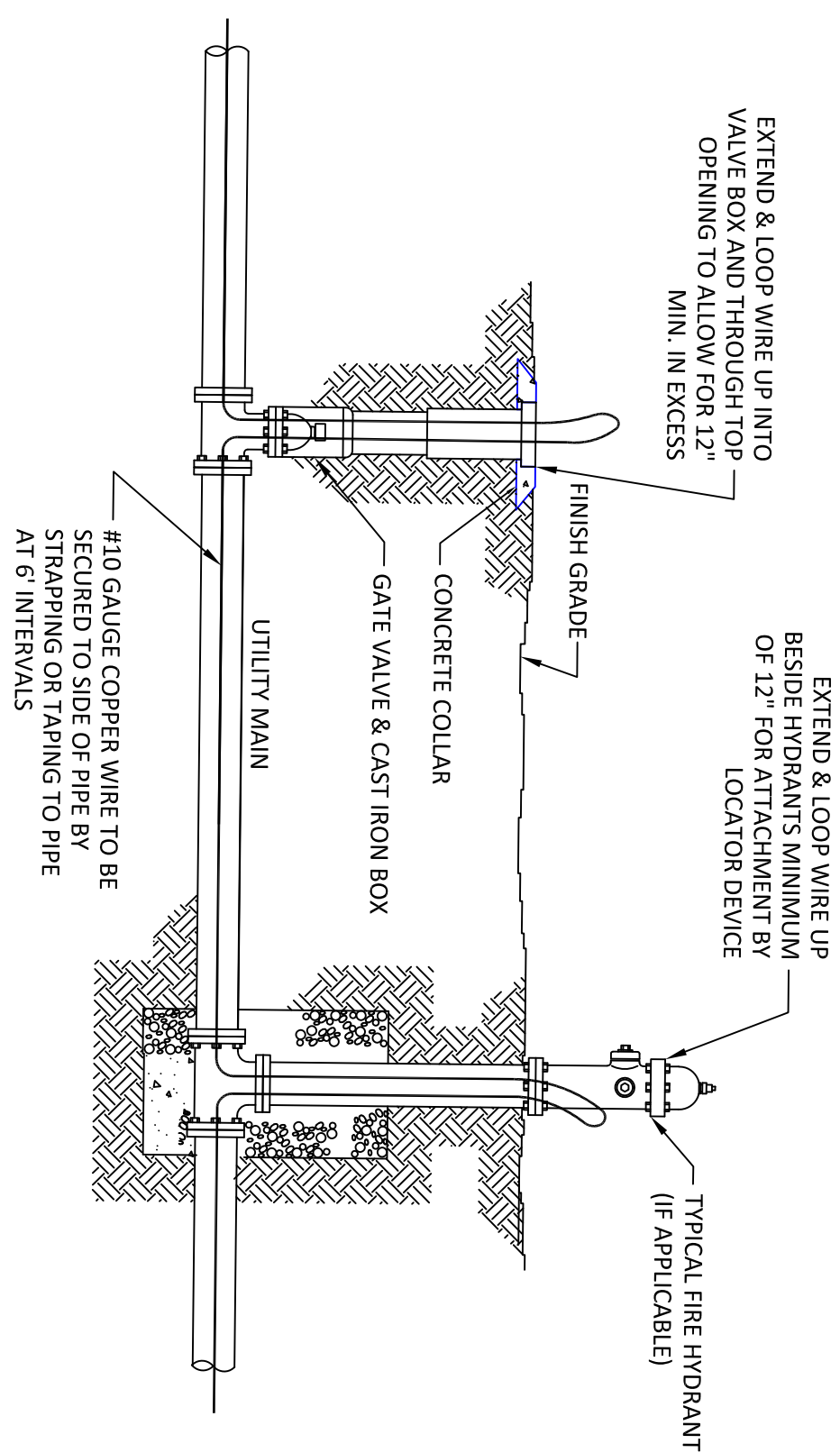


NOTES:

1. FOR METER SET ONLY REPLACEMENTS, REPLACE THE ENTIRE METER BOX, METER, DUAL CHECK, BALL VALVE, ADAPTERS, NIPPLES, ETC.

02 RESIDENTIAL WATER METER DETAIL - 1" SERVICE

11 NOT TO SCALE



03 LOCATOR WIRE INSTALLATION

11 NOT TO SCALE



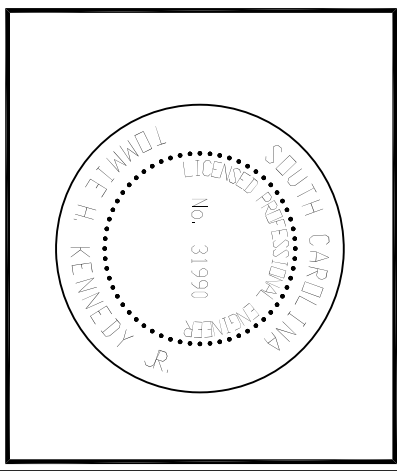
REVISION	BY	DATE
0 - DESIGN DRAWINGS	JR	02-06-25

GEORGETOWN COUNTY
WATER & SEWER DISTRICT
P.O. BOX 2730 PAWLEYS ISLAND, SC 29585
PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515

DESIGN DRAWINGS

FOR

N. LITCHFIELD WATER REHAB PHASE 2



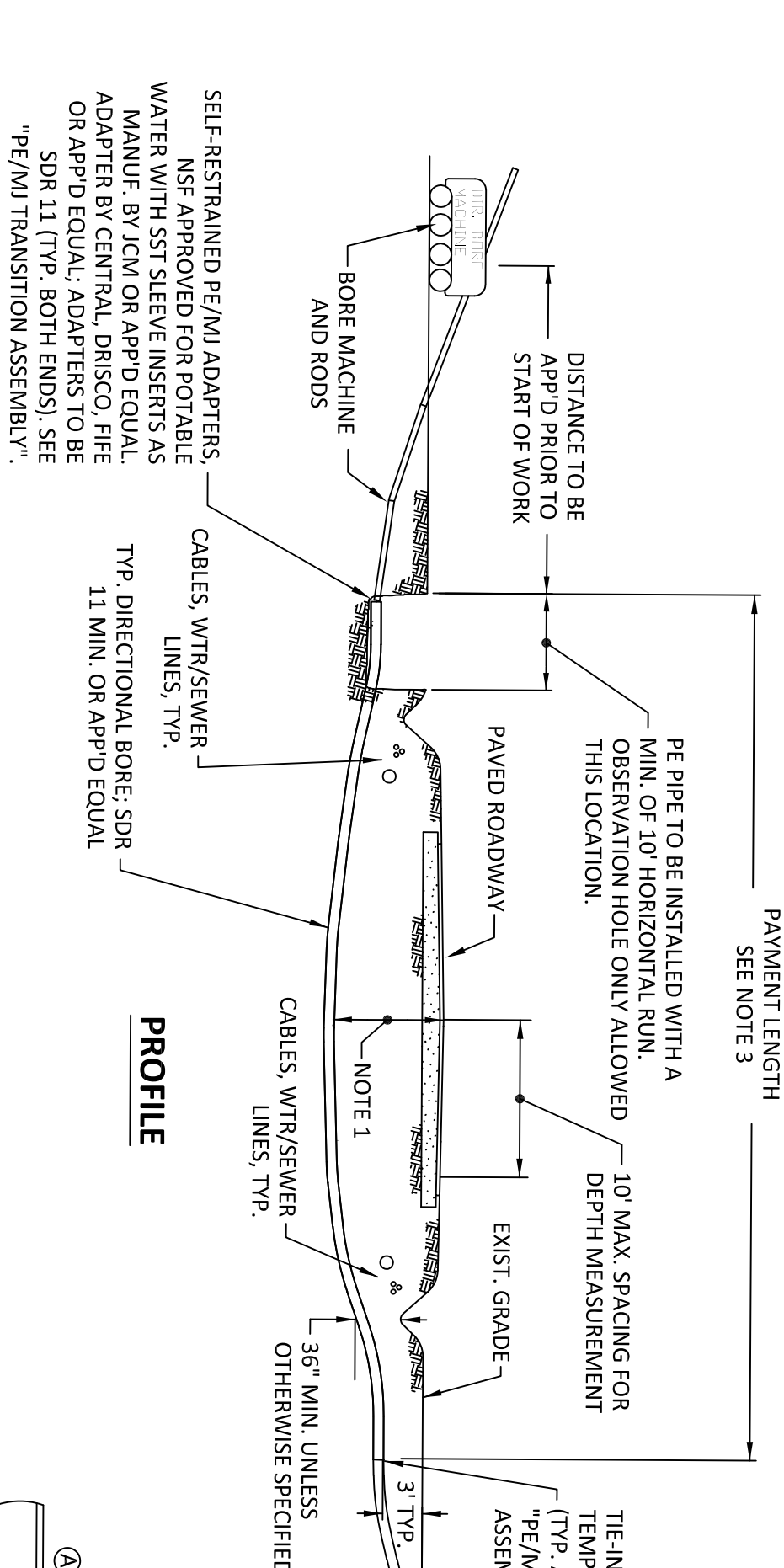
DATE: 02-06-25 SCALE: NOT TO SCALE

DRAWN BY: J. R. Kennedy

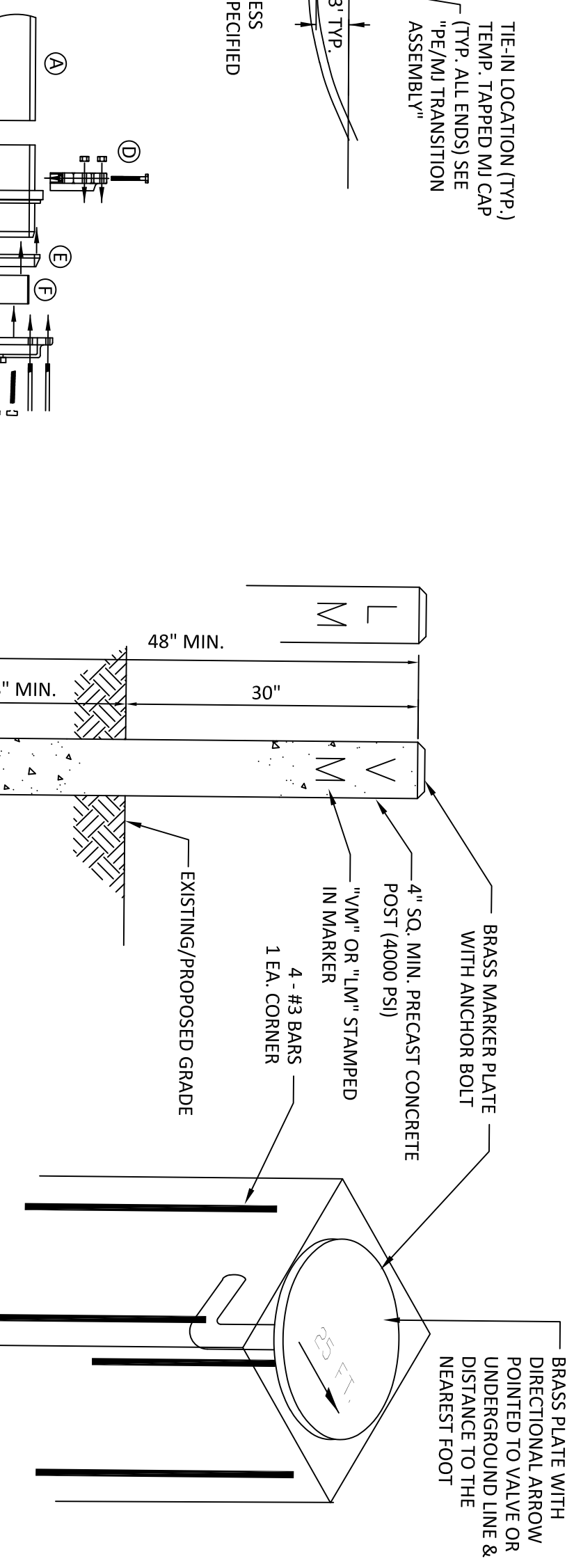
CHECKED BY:

APPROVED BY:

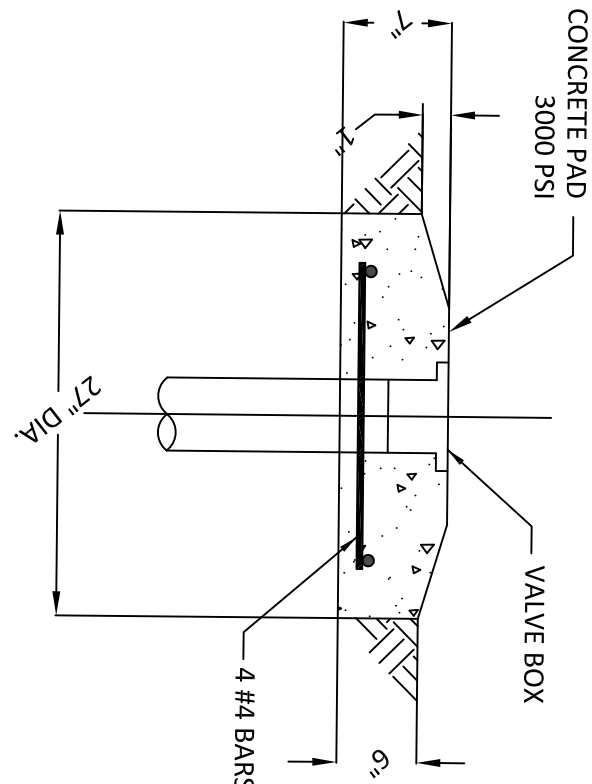
SHEET 11 of 13



PROFILE



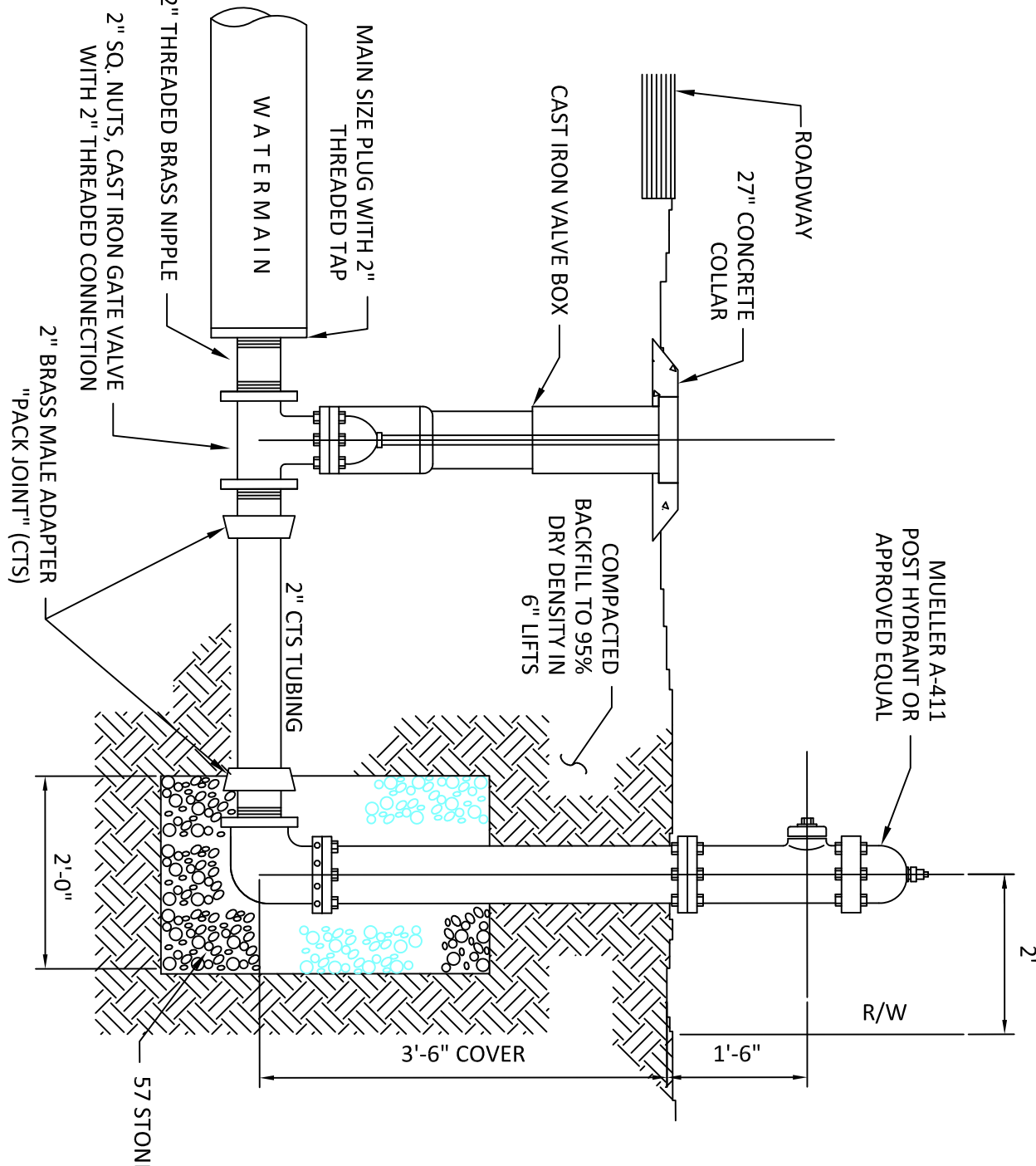
03 TYPICAL CONCRETE COLLAR



NOTES:

1. A PROFILE AND PLAN SHALL BE PROVIDED FROM ENTRY TO EXIT FOR EACH DIRECTIONAL BORE SECTION BY THE DIRECTIONAL BORE CONTRACTOR. DIRECTIONAL DRILL SHALL BE A MINIMUM OF 10' BELOW EXISTING ROAD GRADE AND 48\"/>
2. ALL BORE SECTIONS SHALL BE HYDROSTATICALLY TESTED PER SPECIFICATION STANDARDS UPON COMPLETION OF INSTALLATION AND PRIOR TO CONNECTION TO THE MAIN PROJECT WATER/SEWER LINE.
3. LENGTH OF CROSSING, LOCATION OF OBSERVATION EXCAVATION, NUMBER OF P.E. PIPE JOINTS, LOCATION OF BORE MACHINE, AUGER ENTRANCE LOCATION, AND TIE-IN POINTS ARE TO BE APPROVED PRIOR TO ANY START OF WORK OR ORDERING OF MATERIALS.
4. THIS DETAIL IS ALSO APPLICABLE TO STREAMS, WETLANDS, LARGE STORM DRAINS, AND SIMILAR APPLICATIONS FOR DIRECTIONAL BORE WITH POLYETHYLENE PIPE.
5. THE CONTRACTOR SHALL NOT ENTER UPON PRIVATE PROPERTY UNLESS PROVIDED WRITTEN PERMISSION BY THE PROPERTY OWNER.

01 DIRECTIONAL BORE DETAIL

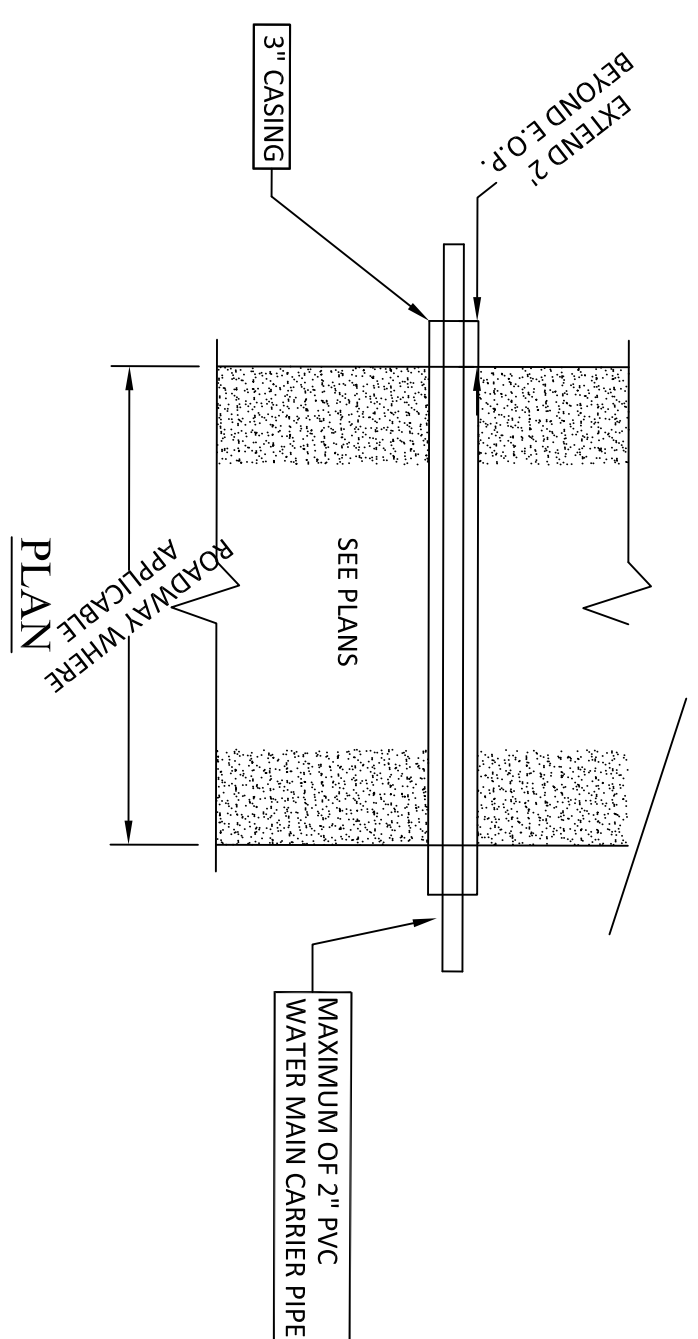


NOTES:

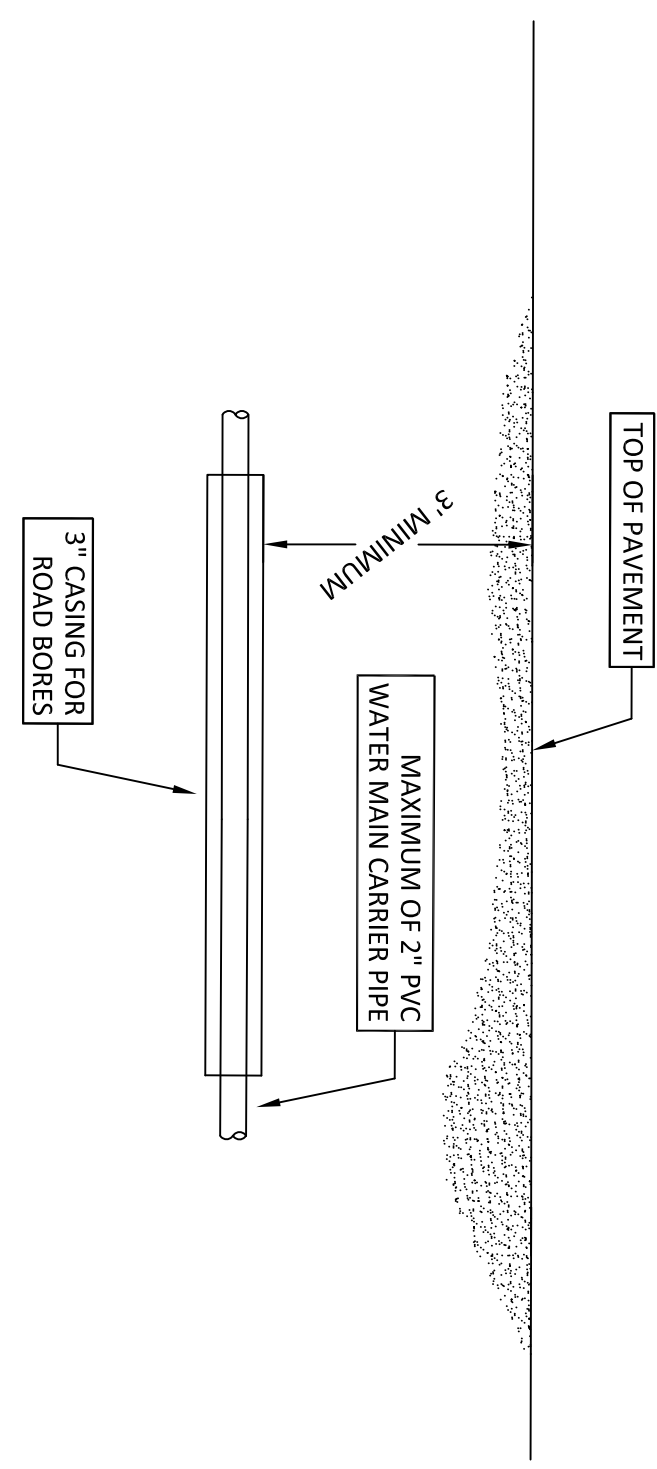
1. HYDRANT SHALL BE STANDARD THREADS OF LOCAL FIRE DEPARTMENT.
2. IF WATER MAIN SIZE IS 2\"/>
3. IF AUTOMATIC FLUSHING IS REQUIRED, THE DEVICE SHALL BE ECUPSE 9700 OR APPROVED EQUAL.

04 TYPICAL POST HYDRANT DETAIL

02 LINE AND VALVE MARKER



SECTION



05 ROAD BORE WITH 3\"/>



REVISION	BY	DATE
0 - DESIGN DRAWINGS	JR	02-06-25

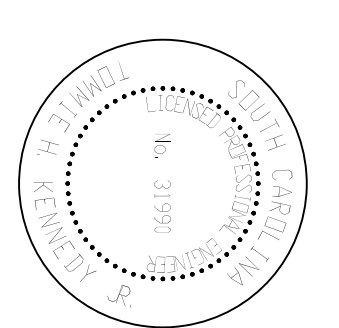


GEORGETOWN COUNTY
WATER & SEWER DISTRICT
P.O. BOX 2730 PAWLEYS ISLAND, SC 29585
PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515

DESIGN DRAWINGS

FOR

N. LITCHFIELD WATER REHAB PHASE 2



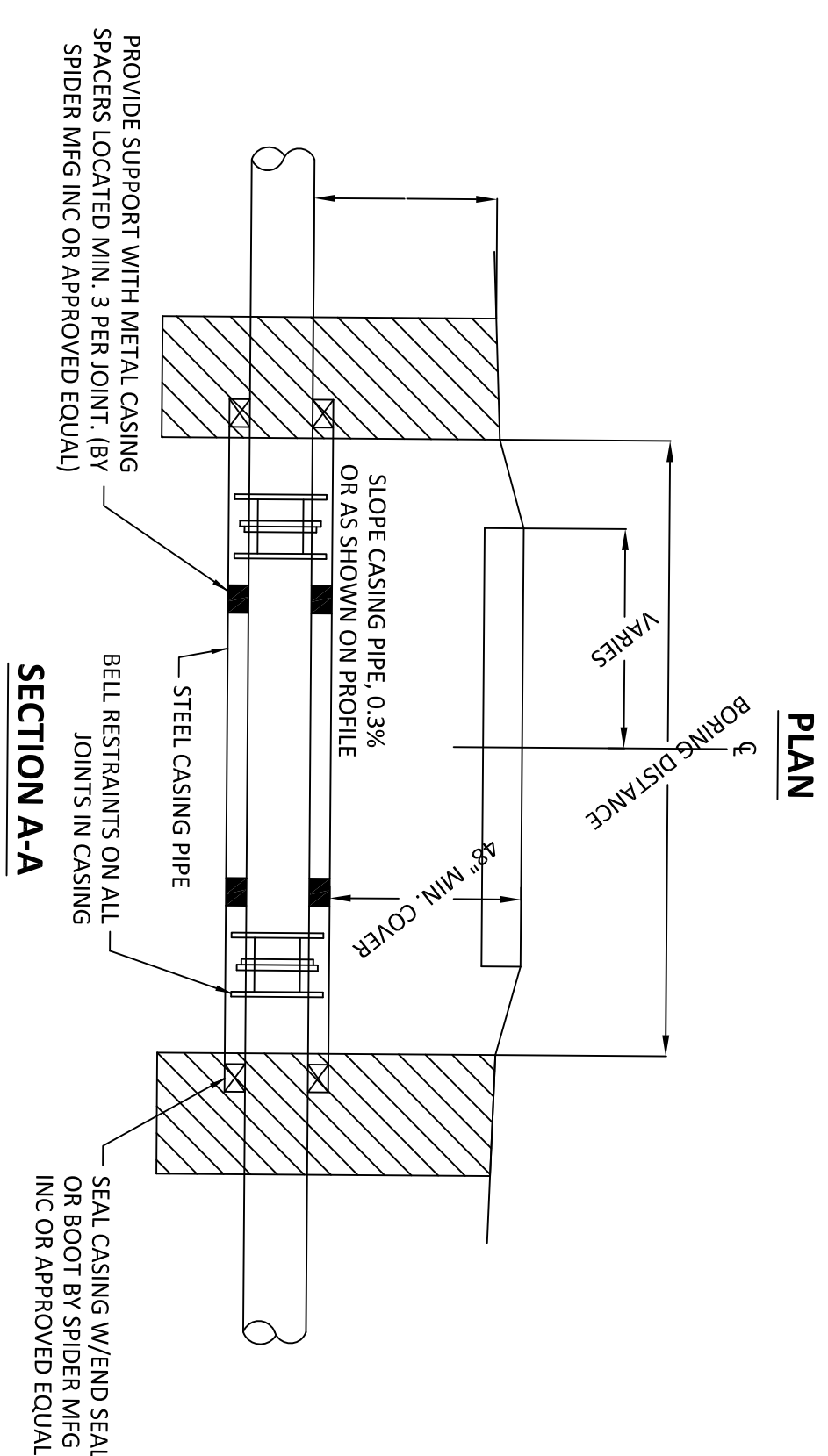
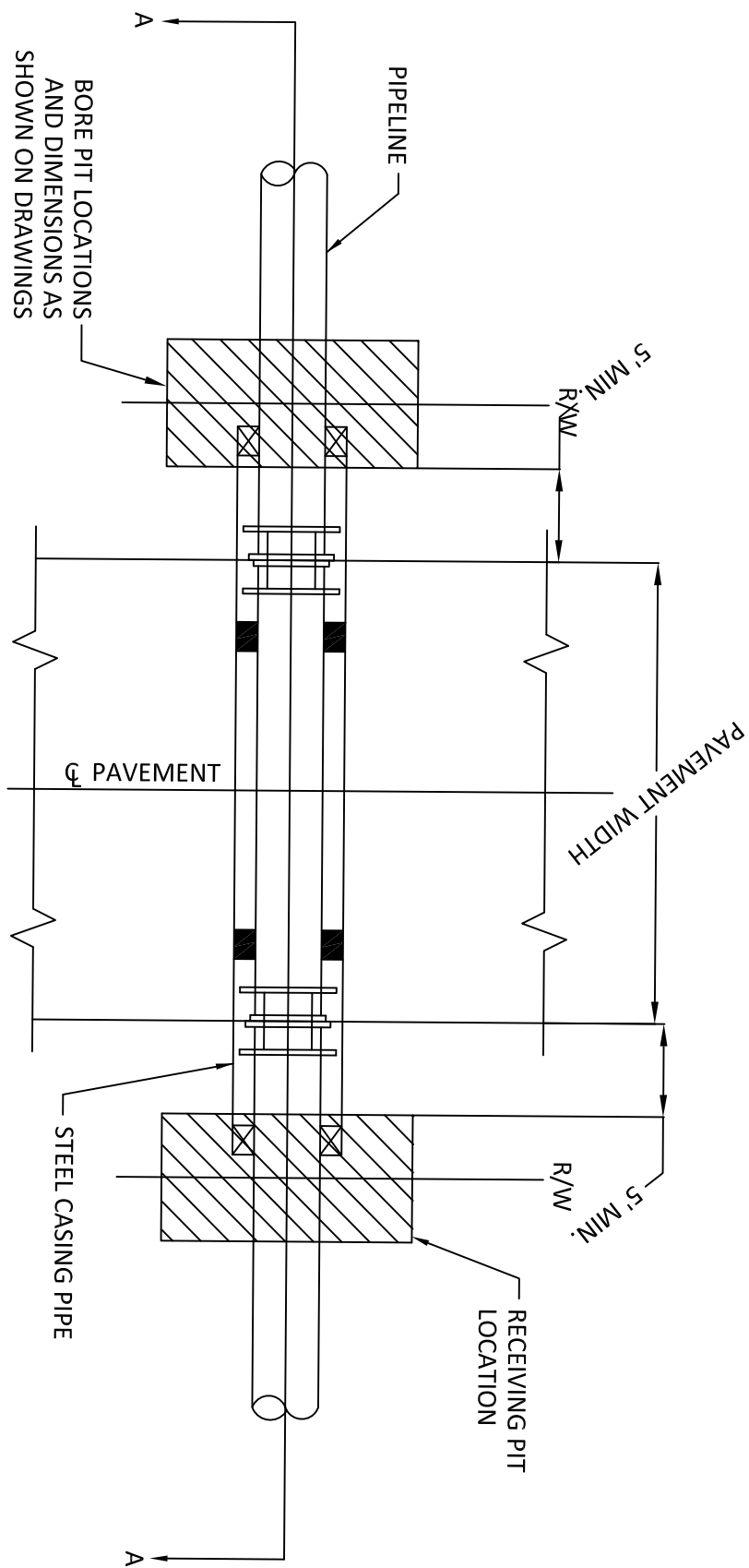
DATE : 02-06-25 SCALE : NOT TO SCALE

DRAWN BY : Jaquean Reed

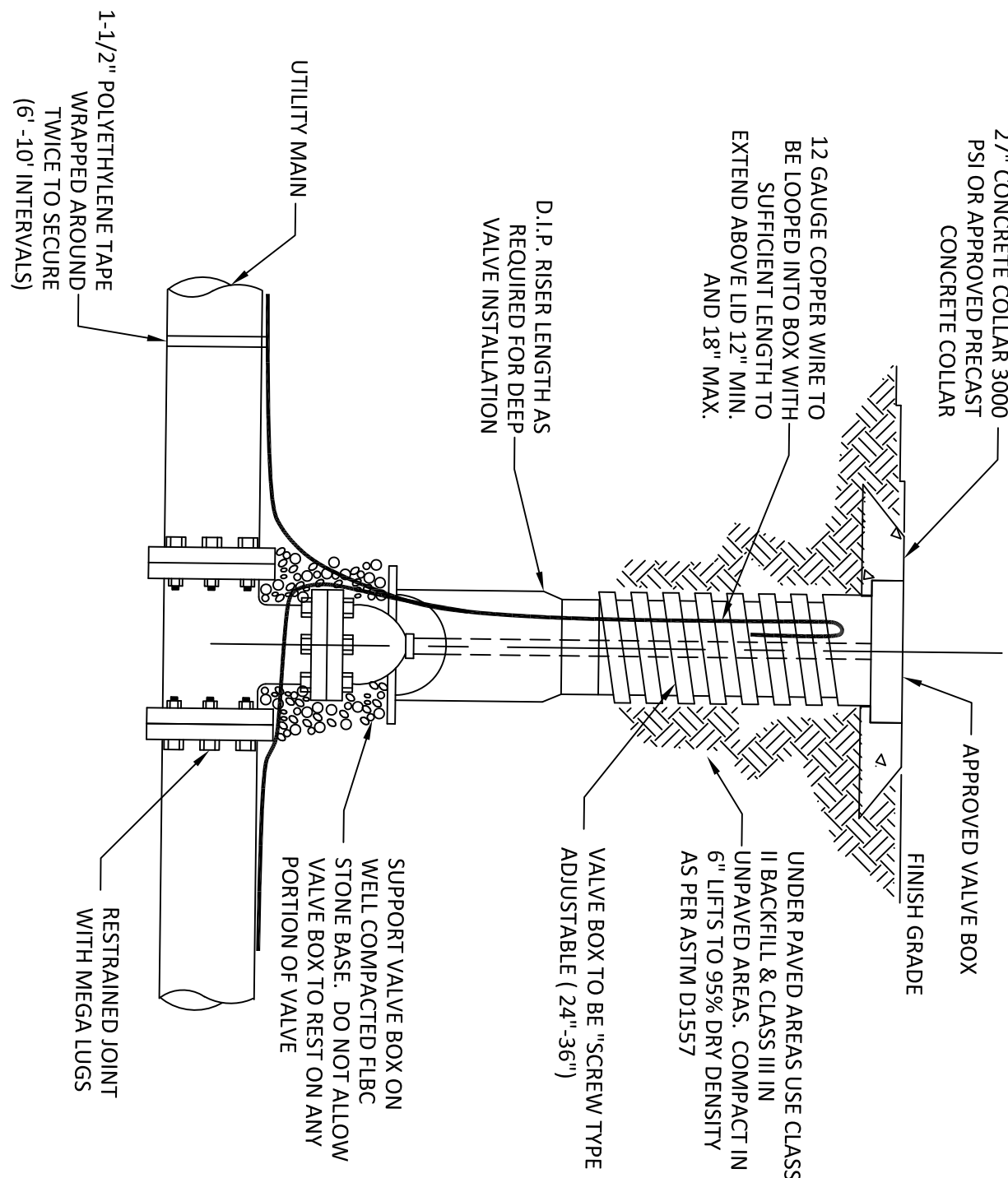
CHECKED BY :

APPROVED BY :

SHEET 12 of 13

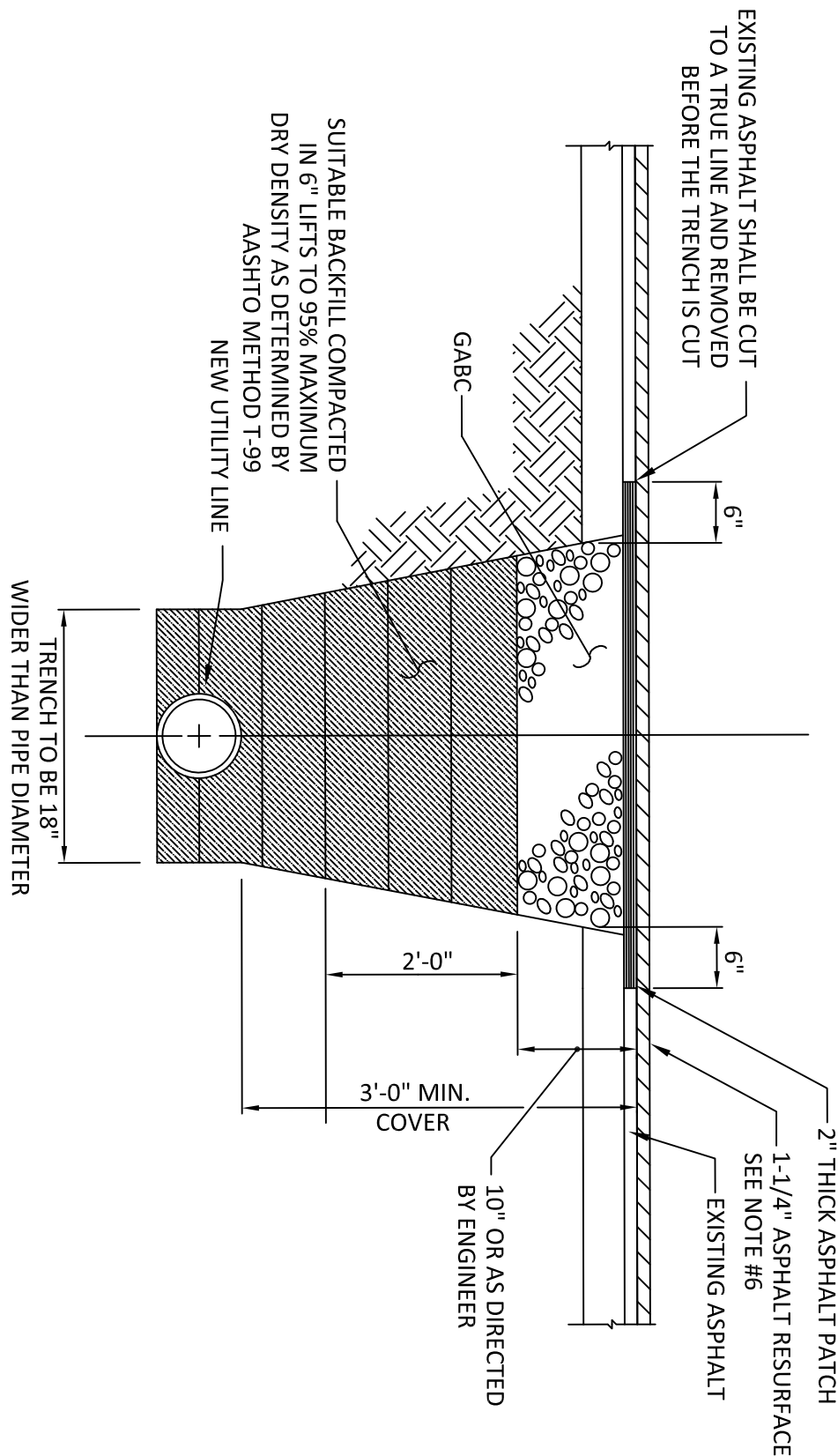


01 BORE AND JACK DETAIL
13 NOT TO SCALE



- NOTES:
1. CENTER VALVE BOX OVER OPERATING NUT TO INSURE FREE VALVE OPERATION AND ACCESS.

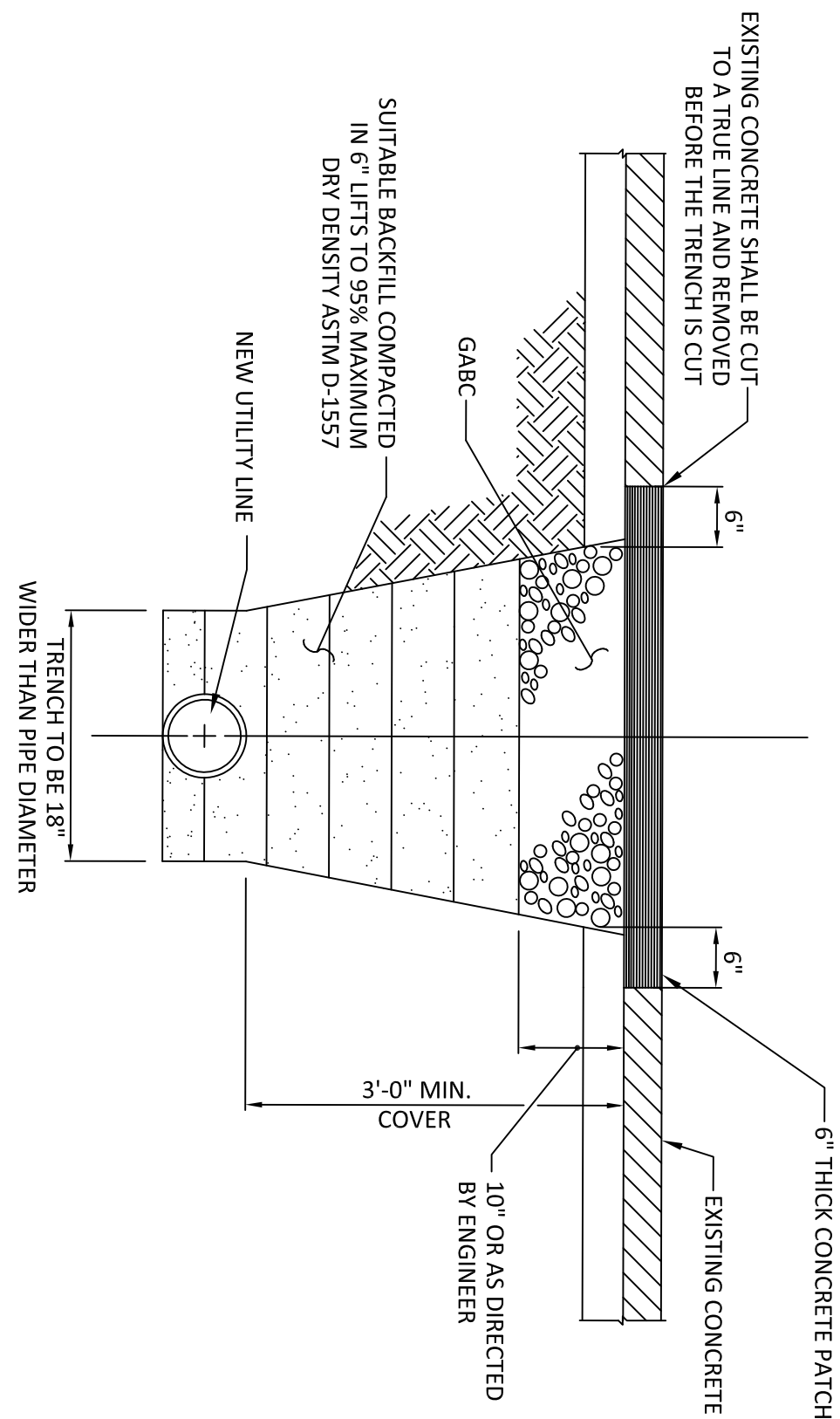
02 TYPICAL VALVE BOX AND LOCATE WIRE
13 NOT TO SCALE



NOTES:

1. ALL REPAIRS TO BE IN ACCORDANCE WITH SCDOT SPECIFICATIONS AND THESE SPECIFICATIONS.
2. REPAIRS BY THE CONTRACTOR SHALL BE CONDUCTED WITH THE LEAST INTERFERENCE TO TRAFFIC.
3. WHERE EXISTING ASPHALT IS INSUFFICIENT THICKNESS TO DEVELOP A TIGHT SEAL WITH THE NEW SURFACE, OVERLAP EXISTING SURFACE AS PER SPECIFICATIONS.
4. SEE SPECS. FOR UTILITY LINE BEDDING/BACKFILL REQUIREMENTS.
5. 3'-0" MINIMUM COVER FOR WATER MAINS AND WASTEWATER LINES.
6. ASPHALT DRIVEWAYS IN SCDOT RIGHT-OF-WAY TO BE RESURFACED FROM EDGE OF PAVEMENT TO THE RIGHT-OF-WAY LINE. ROADWAYS SHALL BE RESURFACED 25' EACH WAY FROM CENTERLINE OF THE TRENCH UNLESS OTHERWISE NOTED.
7. INSTALL 10' BASE COURSE TO TOP OF EXISTING ASPHALT. EXCAVATE 2" BASE COURSE TO PLACE ASPHALT COURSE (TYPE 3) FLUSH TO EXISTING ASPHALT.

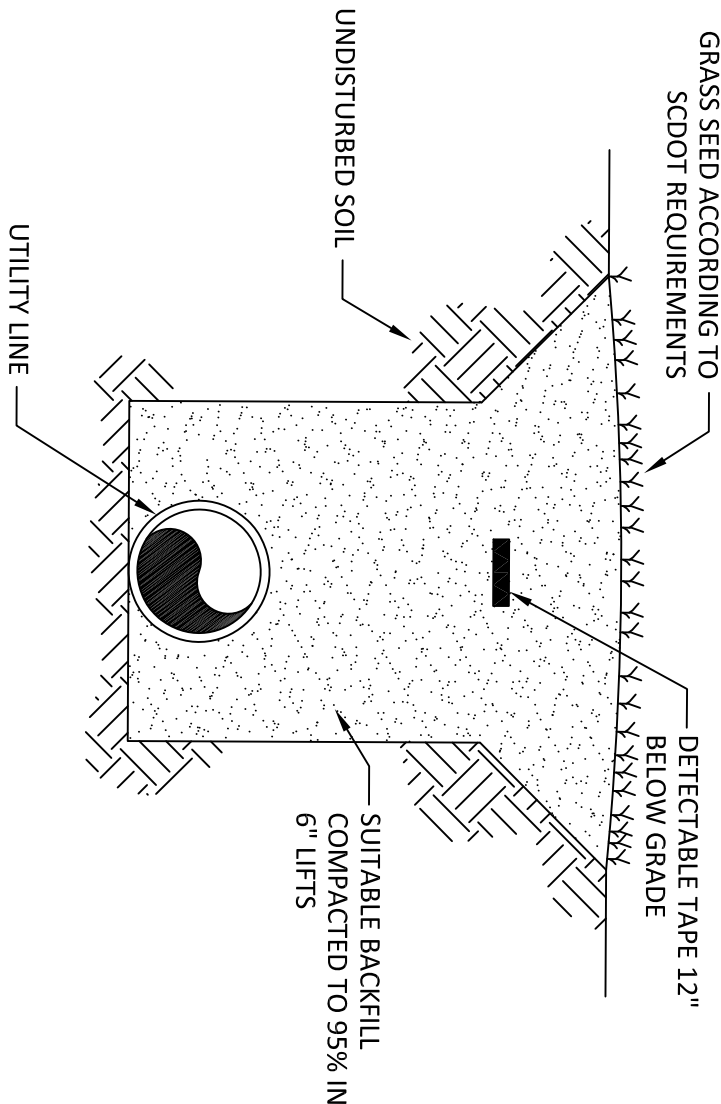
04 UTILITY MAIN UNDER PAVED DRIVE
13 NOT TO SCALE



NOTES:

1. ALL REPAIRS TO BE IN ACCORDANCE WITH SCDOT SPECIFICATIONS AND THESE SPECIFICATIONS.
2. TRENCH SHALL BE BACKFILLED AND THOROUGHLY TAMPED WITH SUITABLE MATERIAL TO THE LEVEL OF THE STONE.
3. REPAIRS FOR THE CONTRACTOR SHALL BE CONDUCTED WITH THE LEAST INTERFERENCE TO TRAFFIC.
4. SEE SPECS. FOR UTILITY LINE BEDDING/BACKFILL REQUIREMENTS.
5. 3'-0" MINIMUM COVER FOR WATER MAINS AND WASTEWATER LINES.
6. CONCRETE DRIVEWAYS IN SCDOT RIGHT-OF-WAY TO BE PATCHED FROM EDGE OF PAVEMENT TO NEAREST EXPANSION JOINT UNLESS OTHERWISE SPECIFIED IN SCDOT PERMIT. IF TRENCH IS BEYOND FIRST EXPANSION JOINT, PATCH MAY STRETCH FROM JOINT TO JOINT INSTEAD OF EDGE OF PAVEMENT.
7. INSTALL 10' BASE COURSE TO TOP OF EXISTING CONCRETE. EXCAVATE 6" BASE COURSE TO PLACE CONCRETE FLUSH TO EXISTING DRIVEWAY AND ROAD.

03 UTILITY MAIN UNDER CONCRETE DRIVE
13 NOT TO SCALE



NOTES:

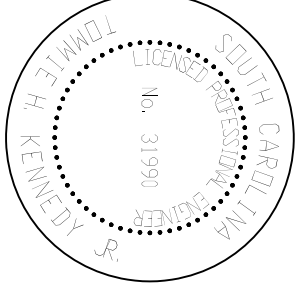
1. FOR THE UTILITY LINE INSTALLATION THROUGH DRIVEWAYS REFER TO THE ASPHALT PAVEMENT REPAIR DETAIL.
2. PIPE SHALL HAVE 3" MINIMUM COVER.

05 TYPICAL TRENCH IN GRASS
13 NOT TO SCALE



GEORGETOWN COUNTY
WATER & SEWER DISTRICT
P.O. BOX 2730 PAWLEYS ISLAND, SC 29585
PHONE: (843) 237 - 9727 FAX: (843) 237 - 1515

DESIGN DRAWINGS
FOR
N. LITCHFIELD WATER REHAB PHASE 2



DATE: 02-06-25 SCALE: NOT TO SCALE

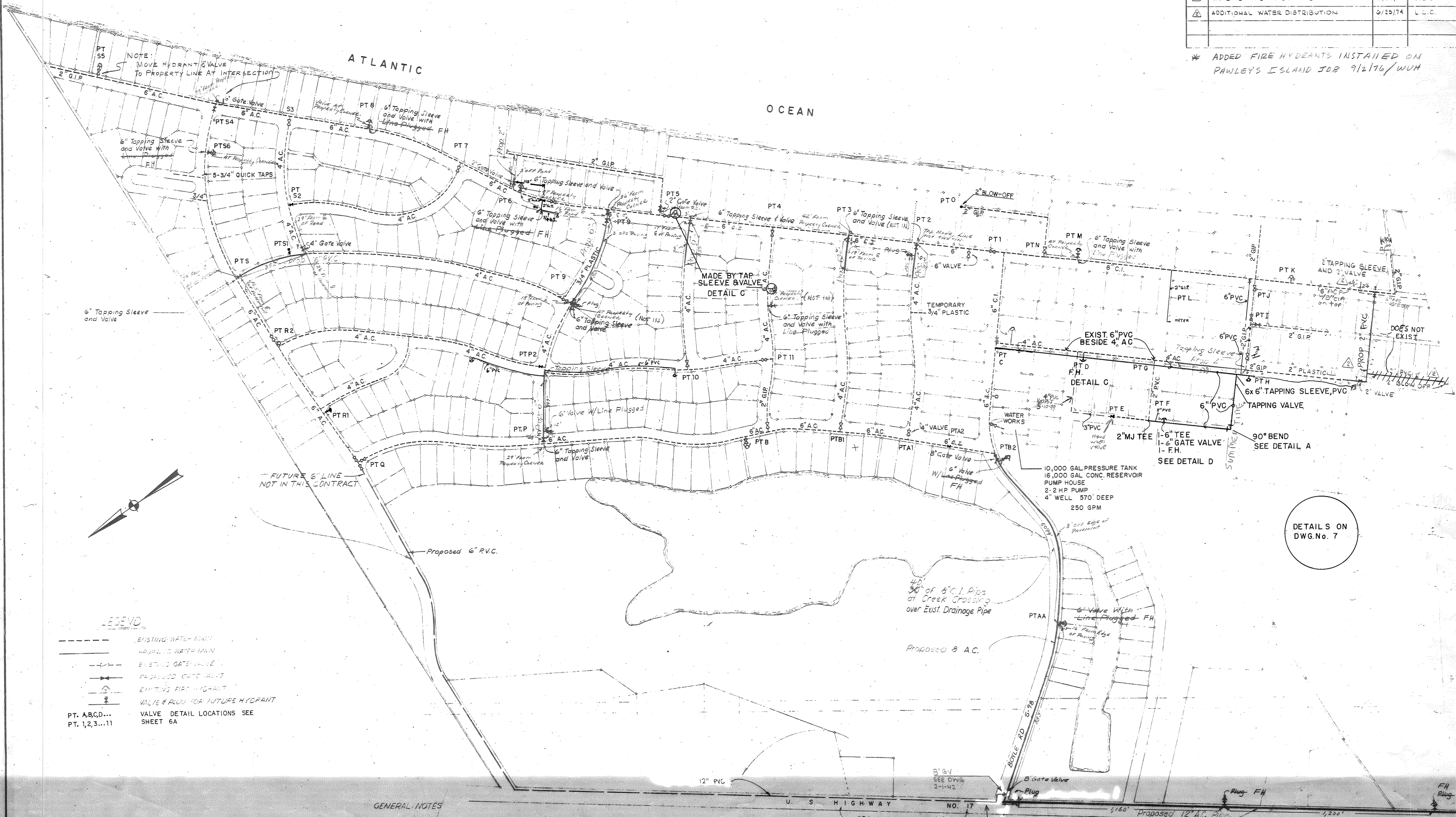
DRAWN BY: Jaqueen Reed CHECKED BY:

APPROVED BY:

REVISION	BY	DATE
0 - DESIGN DRAWINGS	JR	02-06-25

SYM.	REVISION DESCRIPTION	DATE	APPROVED BY
①	INDICATE PIPE AS EXISTING	6/25/74	L.C.C.
②	ADDITIONAL WATER DISTRIBUTION	6/25/74	L.C.C.

* ADDED FIRE HYDRANTS INSTALLED ON PAWLEY'S ISLAND JOB 9/2/76/WUH



- LEGEND**
- EXISTING WATER MAIN
 - PROPOSED WATER MAIN
 - x-x- EXISTING GATE VALVE
 - x-x- PROPOSED GATE VALVE
 - ⊙ EXISTING FIRE HYDRANT
 - ⊙ VALVE & PLUG FOR FUTURE HYDRANT
 - PT. A,B,C,D... VALVE DETAIL LOCATIONS SEE SHEET 6A
 - PT. 1,2,3...11

GENERAL NOTES

- Pipe Lines shall be laid a minimum of 3' from edge of pavement and shall have a minimum of 36 inches cover except where indicated otherwise on plans.
- Contractor shall be responsible for determining exact location of existing utilities.
- In areas where pipeline is in Highway Right-of-Way, top soil shall be removed and then replaced after installation of pipe. Area shall be shaped and planted with Bahia and Ryegrass.
- Any longitudinal roadway cut shall constitute repaving of the entire area involved (as per S.C.H.D. specifications).
- Hydrant locations are approximate - Exact location to be determined in field by engineer. Hydrant connections to be made after installation of elevated tank.

AS-BUILT
NORTH LITCHFIELD BEACH

THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF THE ENGINEER. THE REPRODUCTION, COPYING OR USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION.



LEON CAMPBELL & ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
COLUMBIA, S. C.

SCALE 1" = 200'
DATE NOV. 9, 1973
APPROVED BY: [Signature]
DESIGNED: M.B. & H.W.

WATER DISTRIBUTION PLAN

GEORGETOWN COUNTY WATER AND SEWER DISTRICT
GEORGETOWN COUNTY, S.C.
DRAWING NUMBER
6 OF 8