

## **NOTICE TO BIDDERS**

### **Low-Pressure (LP) Sewer Gum Point Road Ocean Pines Service Area Worcester County, Maryland**

The Worcester County Department of Public Works are soliciting bids for construction of a Low-Pressure Sewer Force Main for the Worcester County Department of Public Works – Water and Wastewater Division. Bid specifications packages and bid forms are available from the Office of the County Commissioners, Room 1103, One West Market Street, Snow Hill, Maryland 21863-1195. Sealed bids will be accepted until 1:00 p.m. on Monday, September 13<sup>th</sup>, 2021 in the Office of the County Commissioners, at the above address, at which time they will be opened and read aloud. Sealed envelopes are to be marked “Low-Pressure Sewer Gum Point Road” in the lower left-hand corner. Interested bidders are encouraged to attend a pre-bid meeting to be held at 10:00 a.m., Thursday, August 26<sup>th</sup>, 2021 at the offices of the Water and Wastewater Division in Ocean Pines at 1000 Shore Lane, Berlin, MD 21811. We will proceed directly to the project site after the meeting at the Administrative Building. Bidders are encouraged to join the site visit.

After opening, bids will be forwarded to the Department of Public Works for tabulation, review and recommendation to the County Commissioners for their consideration and bid award at a future meeting. In awarding the bid, the Commissioners reserve the right to reject any and all bids, waive formalities and technicalities therein, and to accept whatever bid they determine to be in the best interest of the County, while considering the lowest or best bid, quality of goods and work, time of delivery or completion, responsibility of bidders being considered, previous experience of bidders with County contracts, or any other factors they deem appropriate. All inquiries shall be directed to John S. Ross, P.E. (410) 641-5251, extension 2412.

**INSTRUCTION TO BIDDERS  
and  
GENERAL INFORMATION**

**Gum Point Road Low-Pressure (LP) Sewer  
Ocean Pines Service Area  
Worcester County, Maryland**

**1. Bids**

Bids are to be submitted in sealed envelopes clearly marked “Gum Point Road Low-Pressure Sewer” in the lower left-hand corner.

The Bid shall be irrevocable for a period of Ninety (90) Days following Bid opening.

**2. Late Bids**

Bids are to be mailed or hand-carried to be received in the Office of the County Commissioners on or before 1:00 p.m. on **Monday, September 13<sup>th</sup>, 2021**. Bids received after the appointed time will not be considered.

**3. Taxes**

The County is exempt from all Federal and State taxes. The Contractor shall be familiar with tax law to the extent that it applies to this project and shall prepare their bid in compliance with those regulations.

**4. Pre-Bid Meeting**

A pre-bid meeting will be held at 10:00 a.m. on **Thursday, August 26<sup>th</sup>, 2021** at the Water and Wastewater Division Administrative Office located at the Ocean Pines WWTP, 1000 Shore Lane, Berlin, Maryland 21811. For directions and/or more details, contact John S. Ross, P.E. at (410) 641-5251, extension 2412, between the hours of 7:30 a.m. and 4:00 p.m., Monday through Friday. We will proceed directly to the project site after the meeting at the Administrative Building. Bidders are encouraged to join the site visit.

**5. Bid Forms**

Bids are to be submitted on the forms provided in this package. Bid forms are to be completed in their entirety with all requested information provided. Where indicated, bids are to be signed by an individual authorized by the bidding company. Incomplete or unsigned bid forms are cause for rejection of the bid.

6. **Insurance Requirements**

The Contractor is required to maintain insurance for the duration of the project. Certificates naming the County as co-insured shall be provided to confirm that the Contractor has General Liability, Automotive Liability, Workman's Compensation and other insurance as may be required for the work.

7. **Scope of Work**

Work shall include furnishing and installing new water and sewer mains, services and all appurtenances including all restoration. All work shall be performed in accordance with Worcester County and Maryland Department of the Environment standards, and as shown on the Drawings and described in the Contract Documents.

8. **Award of Contract**

Bids will be opened by the Chief Administrative Officer or Assistant Chief Administrative Officer in the Office of the County Commissioners and read aloud at 1:00 p.m. on **Monday, September 13<sup>th</sup>, 2021**.

The Department of Public Works will tabulate and review said bids and prepare a recommendation to the County Commissioners for their consideration and bid award at a future meeting. In awarding the bid, the Commissioners reserve the right to reject any and all bids, waive formalities and technicalities therein, and to accept whatever bid they determine to be in the best interest of the County, while considering the lowest or best bid, quality of goods and work, time of delivery or completion, responsibility of bidders being considered, previous experience of bidders with County contracts, or any other factors they deem appropriate.

9. **Specifications**

Technical specifications are included on the Contract Drawings. The Contractor shall review the technical specifications and include these requirements in the bid. The Contractor shall review the technical specifications and include these requirements in the bid. All work shall be performed in accordance with the Nov. 1, 2017 Worcester County Water and Sewer Standard Specifications [Standard-Specifications-Details-Water-Mains-Sewer-Mains.pdf](http://www.worcester.md.us/Standard-Specifications-Details-Water-Mains-Sewer-Mains.pdf) ([worcester.md.us](http://www.worcester.md.us)), and Details, as amended upon adoption February 20, 2018, the MDE and ACOE permits.

The following is a listing of Contract Drawings that, although bound separately, are hereby made a part of this work.

<u>Drawing Number</u>	<u>Title</u>
1 of 4	Cover Sheet, Legend, Vicinity Map and Index
2 of 4	East End and West End Low Pressure (LP) Sewer Plan
3 of 4	East End Low Pressure (LP) Sewer Plan
4 of 4	Details and Notes

**10. Warranty and Guarantee**

The Contractor warrants and guarantees to Worcester County that all work will be performed in accordance with the drawings and specifications and County and MSHA standards and will not be defective. Prompt notice of all defects will be given to the Contractor. All work shall be warranted for a period of two (2) years after the date of acceptance of the work. The Contractor shall, without cost to the County, and in accordance with the County's written instructions, promptly correct any defective work.

**11. Payment**

The Contractor shall prepare a schedule of values, breaking down the various portions of work into individual work task items for the purposes of providing periodic payment estimates. This schedule of values shall be submitted to the County for their review and approval. Once approved, the schedule of values will be used as the basis of progress payments.

The Contractor shall submit to the Water and Wastewater Division for review, applications for periodic payments, filled out and signed by the Contractor covering the work completed as of the date of the application and accompanied by such supporting documentation as required. The Contractor shall submit applications for payment on a monthly basis.

During the progress of the work, progress payments shall be made in the amount of 90% of the approved work in place. The retainage shall be held until all work is substantially complete and accepted. Once the work is 50% complete, if the work is progressing on time and otherwise satisfactorily, the retainage may be reduced to 5%.

**12. Supervision**

The Contractor shall at all times staff the project with a qualified site superintendent who shall have the authorization to make decisions for the Contractor. At no time shall construction crews be on the site without adequate supervision.

**13. Photographs**

Prior to beginning any construction, the Contractor shall create a photographic log of the existing site conditions at the project site. This log shall be used as a basis for determining any preconstruction conditions requiring special consideration during site restoration. The photographic log shall be provided to the County prior to any construction activity on site.

**14. Project Completion and Closeout**

When the Contractor determines that he has completed the work to a point where it is usable, he shall request certification of Substantial Completion. Upon his request, the County Engineer will inspect the work and, if it is deemed to be substantially complete, the contract construction time shall stop and the maintenance period shall begin. Retainage at Substantial Completion shall be reduced to an amount equal to 150% of the estimated cost for Final Completion.

When the work is determined to be complete, the Contractor shall request a final inspection of the work. Work items determined to be outstanding at the time of the Final Completion will be itemized on a punch-list and shall be completed by the Contractor prior to release of final payment. Upon completion of the work and final acceptance, the Contractor shall furnish the following:

- a) Affidavit that all subcontractors and suppliers have been paid.
- b) Certification that there are no outstanding liens against the work.
- c) Certification that there are no other payments required under the contract
- d) "Red Line" drawings showing as-constructed conditions.

**15. Time for Completion**

All work on this project is to be completed within 120 calendar days from the issuance of the Notice to Proceed.

**16. Liquidated Damages**

If the Successful Vendor shall fail to start and complete the project within the time frame stated above, the County shall assess liquidated damages in the amounts listed below per calendar day for each and every day the Successful Vendor fails to complete the contract.

<u>Amount of Contract</u>	<u>Liquidated Damages per Day</u>
Less than \$10,000	\$100.00
\$10,000 or less than \$100,000	\$250.00
\$100,000 or less than \$500,000	\$750.00
\$500,000 or more	\$1,000.00

Or will be based on actual cost to the County, whichever is greater.

The designated County project manager reserves the option to extend the scheduled completion date or waive the liquidated damages clause in its entirety if he is of the opinion that extenuating circumstances deemed such action appropriate.

## **SPECIAL CONDITIONS**

### **Low-Pressure (LP) Sewer Gum Point Road Ocean Pines Service Area Worcester County, Maryland**

The Contractor shall make themselves completely familiar with all of the conditions, provisions and stipulations contained in the project's Nontidal and/or Tidal wetland permit. The Owner will obtain this permit. The Contractor is responsible for adhering to all permit conditions and other requirements of the Maryland Department of the Environment and the Army Corps of Engineers when performing their work, including but not limited to, all permit conditions, time of year restrictions, restoration, etc., from Notice to Proceed until Final Acceptance.

## BID FORM

### Gum Point Road Low-Pressure (LP) Sewer Ocean Pines Service Area Worcester County, Maryland

This Bid Is Submitted To: Worcester County Commissioners, OWNER

The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with OWNER to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in the Instruction to Bidders and in accordance with all other terms and conditions of the Contract Documents.

BIDDER accepts all of the terms and conditions of the Advertisement, Notice to Bidders, Instructions to Bidders and General Information, Special Conditions, Bid Item Descriptions, Bid Schedule, Bid Form and all Contract Document Provisions. This Bid shall be irrevocable for a period of ninety (90) days following Bid opening and shall be accompanied by a **bid guarantee of 5% of the Bid Price**, in a form acceptable to the County.

In submitting this Bid, BIDDER represents that:

- (a) BIDDER has examined copies of all the Bidding Documents and the following Addenda (receipt of all which is hereby acknowledged):

Date

Number

- (b) BIDDER has familiarized itself with the nature and extent of the Contract 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.
- (c) BIDDER has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies which pertain to the subsurface or physical conditions at the site or would otherwise affect the cost, progress, performance or furnishing of the Work at the Total Bid Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, and no additional examinations, investigations,



explorations, tests, reports or similar information or data are or will be required by BIDDER for such purposes.

- (d) BIDDER has reviewed and checked all information and data shown or indicated on the Contract Documents with respect to existing underground facilities at or contiguous to the site and assumes responsibility for the accurate location of said underground facilities. If additional examinations, investigations, explorations, tests, reports or similar information or data in respect of said underground facilities are or will be required by BIDDER in order to perform and furnish the Work at the Total Bid Price, within the Contract Time and in accordance with the other terms and conditions the Contract Documents, these activities and investigations shall be performed by the BIDDER at no additional cost the OWNER and with no additional delay to the Contract Time.
- (e) BIDDER has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.
- (f) BIDDER has given the Engineer written notice of all conflicts, errors or discrepancies that it has discovered in the Contract Documents and the written resolution thereof by the Engineer is acceptable to the BIDDER.
- (g) The Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other BIDDER to submit a false or sham BID; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.
- (h) A performance guarantee, in a form acceptable to the County, shall be required in the amount of **100% of the Bid Price**. A sample bond form meeting the County's requirements is attached for the Bidder's convenience.

**BID SCHEDULE  
GUM POINT ROAD LOW-PRESSURE (LP) SEWER  
OCEAN PINES SERVICE AREA**

Item	Description	Qty	Unit	Unit Cost	Total Cost
<b><u>A. Sewer Utilities</u></b>					
A-1	3-inch Diameter Sewer Forcemain Pipe - Roadway	2,700	LF	_____	_____
A-2	3-inch Diameter Sewer Forcemain Pipe - Stream Crossings	310	LF	_____	_____
A-3	3-inch Sewer Valve and Connection to Existing Forcemain	2	EA	_____	_____
A-4	3-inch Diameter In-line Flushing Cleanout Assembly	1	EA	_____	_____
A-5	3-inch Diameter Flushing Cleanout Assembly (Terminal)	1	EA	_____	_____
A-6	2-inch Diameter Sewer Forcemain Pipe	2,200	LF	_____	_____
A-7	2-inch Diameter In-line Flushing Cleanout Assembly	2	EA	_____	_____
<b>Sub-total Sewer Utilities:</b>					_____
 <b><u>B. Restoration</u></b>					
B-1	Mobilization/De-mobilization (paid 50% up front and 50% at final only once per entire project)	1	LS	_____	_____
<b>Sub-total Restoration:</b>					_____
 <b><u>C. Contingency</u></b>					
C-1	Pavement Restoration, complete	100	S.Y.	_____	_____
<b>Sub-total Contingency:</b>					_____
<b>Summation of Sub-totals = TOTAL BID COSTS:</b>					_____

**Notes:**

- 1) Item C-1 is a contingency item to be utilized only if, where and when specifically authorized by the County.
- 2) Quantities are for total bid tabulation cost calculation only. The County reserves the right to adjust the quantities of work. Unit costs will be applicable for -50% to +100% of the bid quantities for prices bid per "linear foot" and "square yard" items. There shall be no limit to adjustment for prices bid for "as each" items. Contractor shall be paid for actual quantities furnished and/or installed at the unit costs bid.

I/We submit this bid for the following work: **Gum Point Road Low-Pressure (LP) Sewer**

The following represents the TOTAL BID PRICE as itemized on the BID SCHEDULE attached as the following page:

**TOTAL BID PRICE:** \_\_\_\_\_

BIDDER'S NAME \_\_\_\_\_

BIDDER'S ADDRESS \_\_\_\_\_

\_\_\_\_\_

BIDDER'S TELEPHONE \_\_\_\_\_

BIDDER'S E-MAIL ADDRESS \_\_\_\_\_

\_\_\_\_\_  
Name of Person/Company Officer Submitting Bid

DATE: \_\_\_\_\_

\_\_\_\_\_  
Signature of Person/Company Officer Submitting Bid

## Base Bid Items Description

Prices bid for unit cost items, excluding lump sum items, include estimated quantities. The County reserves the right to adjust the quantities of work. Unit costs will be applicable for -50% to +100% of the bid quantities for prices bid per “linear foot” and “square yard” items. There shall be no limit to adjustment for prices bid for “as each” items. Contractor shall be paid for actual quantities furnished and/or installed at the unit costs bid. All bid items shall include any and all traffic control and maintenance that may be required for the construction of these items.

### **A. Sewer Utilities:**

**Item No.: A-1:** Furnish and install, new, 3-inch diameter Sewer Forcemain Pipe - along Roadways, complete.

*Unit = Linear feet (LF)*

Work shall include furnishing and installing new 3-inch diameter, PVC or HDPE Sewer Forcemain Pipe, Horizontal Directional Drilling where required or when requested by the Contractor, transition couplings, fittings, including all Excavation, Dewatering, Bedding, Backfill, Restoration, Maintenance, Appurtenances and Incidentals, complete.

**Item No.: A-2:** Furnish and install, new, 3-inch diameter Sewer Forcemain Pipe - under Stream Crossings, complete.

*Unit = Linear feet (LF)*

Work shall include furnishing and installing new 3-inch diameter, HDPE Sewer Forcemain Pipe installed, Horizontal Directional Drilling under the Stream Crossings, transition couplings, fittings, including all Excavation, Dewatering, Bedding, Backfill, Restoration, Maintenance, Appurtenances and Incidentals, complete.

**Item No.: A-3:** Furnish and install, new, 3-inch diameter Sewer Valve and Connection to Existing Forcemain, complete.

*Unit = Each (EA)*

Work shall include furnishing and installing new 3-inch diameter Sewer Valve and Connection to Existing Forcemain, including all Sleeves, Fittings, Excavation, Dewatering, Bedding, Backfill, Thrust Blocking, Strapping, Restoration, Maintenance, Appurtenances and Incidentals, complete.

**Item No.: A-4:** Furnish and install, new, 3-inch Diameter In-line Flushing Cleanout Assembly, complete.

*Unit = Each (EA)*

Work shall include furnishing and installing new 3-inch diameter In-line Flushing Cleanout Assembly, including all Valves, Fittings, Excavation, Dewatering, Bedding, Backfill, Thrust Blocking, Strapping, Restoration, Maintenance, Appurtenances and Incidentals, complete.

**Item No.: A-5:** Furnish and install, new, 3-inch Diameter Flushing Cleanout Assembly (Terminal), complete.  
*Unit = Each (EA)*

Work shall include furnishing and installing new 3-inch diameter Flushing Cleanout Assembly (Terminal), including all Valves, Fittings, Excavation, Dewatering, Bedding, Backfill, Thrust Blocking, Strapping, Restoration, Maintenance, Appurtenances and Incidentals, complete.

**Item No.: A-6:** Furnish and install, new, 2-inch Diameter Sewer Forcemain Pipe, complete.  
*Unit = Linear feet (LF)*

Work shall include furnishing and installing new 3-inch diameter, PVC or HDPE Sewer Forcemain Pipe, Horizontal Directional Drilling where required or when requested by the Contractor, transition couplings, fittings, including all Excavation, Dewatering, Bedding, Backfill, Restoration, Maintenance, Appurtenances and Incidentals, complete.

**Item No.: A-7:** Furnish and install, new, 2-inch Diameter In-line Flushing Cleanout Assembly, complete.  
*Unit = Each (EA)*

Work shall include furnishing and installing new 2-inch diameter In-line Flushing Cleanout Assembly, including all Valves, Fittings, Excavation, Dewatering, Bedding, Backfill, Thrust Blocking, Strapping, Restoration, Maintenance, Appurtenances and Incidentals, complete.

## **B. Restoration:**

**Item No.: B-1:** Mobilization/De-mobilization.  
*Unit = Lump Sum (LS)*

Work shall include Mobilization and De-mobilization on the site. This will be a one-time only payment regardless of how long the project lasts and how many times the contractor actually mobilizes and/or demobilizes their forces on the site either for their convenience or for any other reason. 50% of the line item shall be paid up-front. The remaining 50% of this line item shall be paid at final completion. The total Lump Sum amount Bid for this item shall not exceed 15% of the Total Bid Cost for the entire project.

## **C. Contingency:**

**Item No.: C-1:** Furnish and install, New, Pavement Restoration, complete.  
*Unit = Square Yards (S.Y.)*

Work shall include furnishing and installing new pavement repair (for full-depth section base and overlay) as shown on the Contract Drawings and specified in the Documents, including all Saw Cutting, Excavation, Dewatering, Bedding, Backfill, Restoration, Appurtenances and Incidentals, complete. Payment will be made on a square-yard basis, for the actual pavement restored area, measured in the field at the base pavement level only if, where and when specifically authorized by the County.

**WORCESTER COUNTY, MARYLAND  
CONTRACTOR'S LABOR AND MATERIAL BOND**

KNOW ALL MEN BY THESE PRESENTS: That \_\_\_\_\_ as Principal, hereinafter called Principal, and \_\_\_\_\_ as Surety, hereinafter called Surety, are held and firmly bound unto the Worcester County, Maryland, a Municipal Corporation, hereinafter called the County, for the use and benefit of Claimant, as herein below defined, in the amount of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_), for the payment whereof Principal and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has entered into a Written Contract dated \_\_\_\_\_ with the County for Contract number \_\_\_\_\_ which contract is by reference made a part hereof and hereinafter referred to as the Contract.

NOW, THEREFORE, the condition of this obligation is such, that if the principal shall promptly make payment to each and every Claimant, as hereinafter, defined, for all labor, materials, supplies and rental of equipment reasonably required and used or consumed in the performance of the Contract and of all such alterations and modifications of said Contract provides for such alterations and modifications, during the original term of said Contract and any extensions thereof which may be granted by the County and agreed upon by the Principal, then this obligation shall be null and void; otherwise it shall be and remain in full force and effect.

The Surety expressly waives any right to receive notice of extensions of time, or alterations or modifications of the Contract which are provided for and made pursuant to the terms of said Contract.

PROVIDED, HOWEVER, anything in said Contract to the contrary notwithstanding, this bond is executed upon and subject to the express conditions and limitations of State Finance and Procurement Article, Section 13-501, Annotated Code of Maryland (1985), as of the date of this contract wherein it is set forth as follows:

## Labor and Material Payment Bond

### (c) Suits on Payment bonds -- Right to institute --

Every person who has furnished labor or material in the prosecution of the work provided for in such contract, in respect of which a payment bond or other security is furnished under this section and who has not been paid in full therefore before the expiration of a period of ninety days after the day on which the last of the labor was done or performed by him or material was furnished or supplied by him for which such claim is made, shall have the right to sue on the payment bond or other security for the amount, or the balance thereof, unpaid at the time of institution of such suit and to prosecute said action to final judgment and execution for sum or sums justly due him; provided, however, that any person having direct contractual relationship with a subcontractor of the contractor, or with any sub-contractor of the contractor but no contractual relationship express or implied with the contractor furnishing said payment bond or other security, shall have a right of action upon the payment bond or other security upon giving written notice to the contractor within ninety (90) days from the date on which such person did, or performed the last of the labor or furnished or supplied the last of the material for which such claim is made, stating with substantial accuracy the amount claimed and the name of the party to whom the material was furnished or supplied or for whom the labor was done or performed. Such notice shall be served by mailing the same by registered or certified mail, postage prepaid, in an envelope addressed to the contractor at any place he maintains an office or conducts his business, or his residence.

### (d) Same -- Where and when brought: liability for cost --

Every suit instituted under this section shall be brought in the appropriate court in the political subdivision in which the contract was to be performed and executed or in the political subdivision where the contractor has his principal place of business and not elsewhere, but no such suit shall be commenced after the term of one year after the date of final acceptance of the work performed under the contract. The obligee named in the bond or the trustee for any other security shall not be liable for the payment of any cost or expenses of any such suit.

Labor and Material Payment Bond

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

In the Presence of:

\_\_\_\_\_ (SEAL)

\_\_\_\_\_ (SEAL)  
Principal

\_\_\_\_\_  
Bond Number

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (SEAL)  
Surety

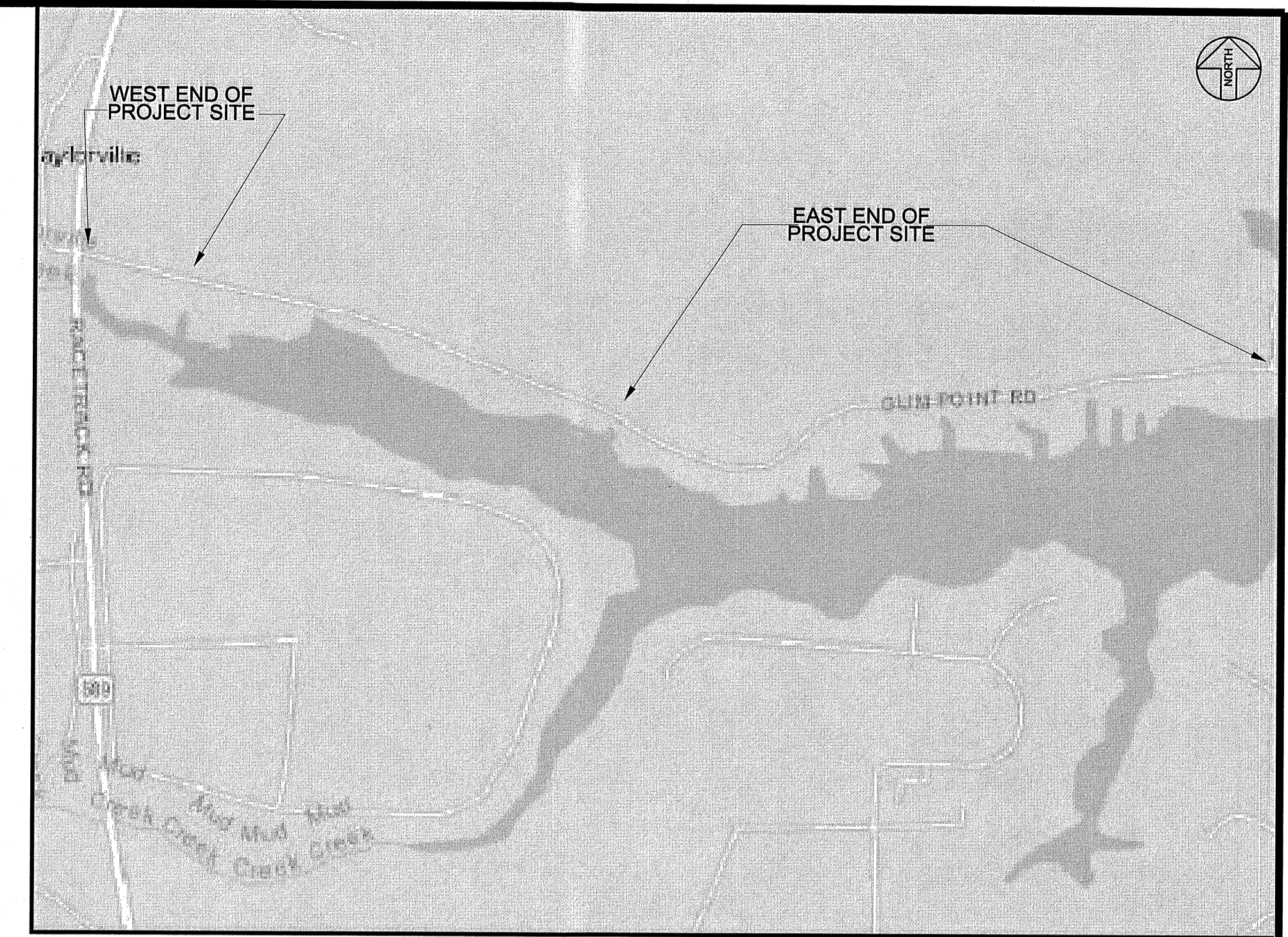
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\_\_\_\_\_  
Address



# LOW-PRESSURE (LP) SEWER GUM POINT RD

## THIRD TAX DISTRICT BERLIN WORCESTER COUNTY MARYLAND

### TAX MAP 21, PARCEL 22



VICINITY MAP  
SCALE : 1 IN. = 2000 FT.

#### GENERAL NOTES:

- ALL WORK REQUIRED BY THESE DOCUMENTS (DRAWINGS AND SPECIFICATIONS) SHALL BE NEW, WHEREVER THE WORD "PROPOSED" IS USED IT IS CONSIDERED INTERCHANGEABLE WITH THE WORD "NEW" AND IS INCLUDED IN THE REQUIRED WORK.
- ALIGNMENTS AND EXISTING CONDITIONS SHOWN ARE BASED UPON THE SURVEY PREPARED BY RUSSELL T. HAMMOND SURVEYING, LLC, DATED NOVEMBER 11, 2016. ELEVATIONS SHOWN ARE IN NAVD 1988 DATUM. HORIZONTAL DATUM IS MARYLAND STATE PLANE NAD 83. THE ENGINEER DOES NOT WARRANT THIS INFORMATION ENTIRELY CORRECT. THE CONTRACTOR SHALL EXAMINE A COPY OF SAID PLAN(S) AND VISIT THE SITE IN ORDER TO DETERMINE TO HIS SATISFACTION THE QUANTITIES OF WORK REQUIRED TO BE PERFORMED.
- UNLESS OTHERWISE NOTED, ALL ELEVATIONS FOR GRAVITY SANITARY SEWER AND STORM DRAIN PIPES ARE INVERTS AND ALL ELEVATIONS FOR PRESSURE WATER AND FORCE MAINS ARE TOP OF PIPE ELEVATIONS.
- THESE DRAWINGS SHOW INFORMATION REGARDING UNDERGROUND UTILITIES WHICH EXIST ALONG THE LINES OF WORK. THE LOCATION OF UTILITIES SHOWN HAS BEEN PROVIDED FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS SATISFACTION PRIOR TO CONSTRUCTION. THE OWNER SHALL BE GIVEN NOTIFICATION BY THE CONTRACTOR PRIOR TO TEST PITTING. THE OWNER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. IF THE CONTRACTOR RELIES ON SAID INFORMATION HE DOES SO AT HIS OWN RISK. THE GIVING OF THE INFORMATION ON THESE DRAWINGS DOES NOT RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS TO SUPPORT AND PROTECT ALL EXISTING UTILITIES AND APPURTENANCES. SHOULD ANY EXISTING UTILITIES BE DAMAGED BY THE CONTRACTOR, THE CONTRACTOR SHALL REPAIR THE DAMAGE CAUSED, TO THE UTILITY OWNER'S SATISFACTION, AT THE CONTRACTOR'S EXPENSE.
- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THESE DRAWINGS AND SPECIFICATIONS, AND TO ALL APPLICABLE REQUIREMENTS OF WORCESTER COUNTY, WORCESTER COUNTY WATER AND WASTEWATER SERVICES, WORCESTER COUNTY ROADS, MARYLAND STATE HIGHWAY DEPARTMENT, MARYLAND DEPARTMENT OF THE ENVIRONMENT AND ARMY CORP. OF ENGINEERS.
- ALL DISTURBED AREAS SHALL BE SMOOTHLY GRADED TO PROVIDE POSITIVE DRAINAGE, AWAY FROM PROPOSED STRUCTURES, AND SHALL BE STABILIZED WITH TOPSOIL, SEED AND MULCH, EXCEPT IN AREAS CALLING FOR PAVING. IF SETTLEMENT OCCURS, THE AREA OF SETTLEMENT SHALL BE RESTORED TO GRADE, RESEEDED AND REMULCHED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL PROVIDE SEED TYPE AS SPECIFIED.
- THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DEVIATIONS FROM THESE DRAWINGS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE NECESSARY STAKE OUT OF LINE AND GRADE FOR CONSTRUCTION.
- THE CONTRACTOR SHALL HYDRAULICALLY TEST ALL WATER AND FORCE MAINS IN THE PRESENCE OF THE COUNTY. FORTY-EIGHT HOURS NOTICE SHALL BE GIVEN TO THE ENGINEER PRIOR TO THE CONTRACTOR PERFORMING ANY TESTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF THIS TESTING. SHOULD ANY PORTION OF THE WORK FAIL TO MEET THE CRITERIA, THE CONTRACTOR SHALL TAKE CORRECTIVE MEASURES, AT HIS OWN EXPENSE, TO CONFORM TO THE TEST REQUIREMENTS.
- THE OWNER RESERVES THE RIGHT TO AWARD OTHER CONTRACTS OR PERFORM OTHER WORK IN THE VICINITY OF WORK DESIGNATED ON THESE DRAWINGS. THE CONTRACTOR SHALL COOPERATE WITH AND COORDINATE HIS OPERATIONS WITH OTHER CONTRACTORS OR WORKMEN EMPLOYED BY THE OWNER.
- NO INFORMATION REGARDING DEPTH TO ANY TEMPORARY OR PERMANENT GROUND WATER TABLE IS PROVIDED ON THESE DRAWINGS. THE CONTRACTOR SHALL INVESTIGATE TO HIS SATISFACTION THE SITE CONDITIONS REGARDING THE DEPTH TO GROUND WATER. GENERALLY, PIPING, TRENCH AND STRUCTURE CONSTRUCTION SHALL BE PROSECUTED IN A DEWATERED STATE, CONSISTENT WITH GOOD CONSTRUCTION PRACTICES. ALL EXCAVATIONS FOR MANHOLES AND OTHER CHAMBERS SHALL BE CONTINUALLY DEWATERED UNTIL THE BACKFILL OPERATION HAS BEEN COMPLETED. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR TEST PITTING.
- IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PERFORM SUCH WORK.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING, TWO (2) DAYS PRIOR TO BEGINNING ANY WORK SHOWN ON THESE DRAWINGS.
 

A) WORCESTER COUNTY DPW	(410) 641-5251
B) MISS UTILITY	(800) 441-8355
C) J. W. SALM ENGINEERING, INC.	(410) 641-0128
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS RESULTING FROM ANY EARTH MOVING AND/OR TEMPORARY STOCKPILING OF EARTH OR OTHER MATERIALS ON SITE.
- THESE DRAWINGS, THE DESIGN AND CONSTRUCTION FEATURES DISCLOSED ARE PROPRIETARY TO J. W. SALM ENGINEERING, INC. AND SHALL NOT BE ALTERED OR REUSED WITHOUT WRITTEN PERMISSION. COPYRIGHT, LATEST DATE HEREON. ANY DRAWING, REPRODUCTION, PLOT, ETC., WITHOUT A WET INK SIGNATURE AND SEAL IS NOT CERTIFIED BY J.W. SALM ENGINEERING AS TO ACCURACY AND AUTHENTICITY.
- TRENCH COMPACTION FOR ALL UTILITIES SHALL BE AS FOLLOWS:
 

A. FOR AREAS WITHIN THE ROAD OR DRIVEWAY AREA: 95% OF MODIFIED PROCTOR DENSITY AT +/- 2% OF OPTIMUM MOISTURE CONTENT.	B. FOR NON-ROAD OR PARKING AREAS: 90% OF MODIFIED PROCTOR DENSITY AT +/- 3% OF OPTIMUM MOISTURE CONTENT.
---	--
- CONTRACTOR SHALL SEGREGATE EXCAVATION AND/OR DRY EXCAVATED MATERIAL. IF COMPACTION CANNOT BE OBTAINED DUE TO MATERIAL OR MOISTURE CONTENT.

#### SUBMITTALS

- SHOP DRAWINGS (SUBMIT SEVEN (7) COPIES)
  - SHOP DRAWINGS SHALL BE ORIGINAL DRAWINGS, PREPARED BY THE CONTRACTOR, SUBCONTRACTOR, SUPPLIER OR DISTRIBUTOR, WHICH ILLUSTRATE SOME PORTION OF THE WORK, SHOWING, FABRICATION, LAYOUT, SETTING OR ERECTION DETAILS.
  - PRESENT SHOP DRAWINGS IN A CLEAR AND THOROUGH MANNER. DETAILS SHALL BE IDENTIFIED BY REFERENCE TO SHEET AND DETAIL OR SCHEDULE SHOWN ON THESE DRAWINGS.
  - REPRODUCTIONS OF MARKED CONTRACT DRAWINGS WILL NOT BE ACCEPTABLE.
  - THE CONTRACTOR SHALL SUBMIT THE SPECIFIED NUMBER OF COPIES OF SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL. AT THE TIME OF SUBMISSION, THE CONTRACTOR SHALL CALL TO THE ENGINEER'S ATTENTION, IN WRITING, ANY DEVIATIONS THAT THE SHOP DRAWINGS MAY HAVE FROM THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. ALL SHOP DRAWINGS SHALL BE SUBMITTED WITH AN INDEX AND A COVER LETTER MARKED EITHER "SUBMITTED AS SPECIFIED" OR "SUBMITTED AS EQUAL TO SPECIFIED".
  - EACH COPY OF THE SHOP DRAWINGS SHALL BE MARKED TO IDENTIFY ALL OPTIONS OR FEATURES THE EQUIPMENT WILL CONTAIN.
  - ALL SHOP DRAWINGS, REGARDLESS IF "SUBMITTED AS SPECIFIED" OR "SUBMITTED AS EQUAL TO SPECIFIED", SHALL BE FURNISHED WITH COMPLETE, SPECIFIC DETAILED INFORMATION FROM THE MANUFACTURER OR SUPPLIER OF THE MATERIAL OR EQUIPMENT THE CONTRACTOR PROPOSES TO FURNISH, IN WHICH THE REQUIREMENTS OF THE SPECIFICATIONS ARE CLEARLY SHOWN TO BE MET. THIS SHALL INCLUDE A POINT BY POINT COMPARISON WITH THE DETAIL REQUIREMENTS OF THE SPECIFICATIONS.
  - WHERE ANY ARTICLE IS SPECIFIED BY TRADE NAME OR NAME OF MANUFACTURER, WITH OR WITHOUT THE CLAUSE "OR EQUAL", IT IS INTENDED TO ESTABLISH THE QUALITY OF THE ARTICLE. THE CONTRACTOR MAY PROPOSE TO USE MATERIAL OR EQUIPMENT OF ANY OTHER MANUFACTURER AS AN "OR EQUAL" TO MATERIALS OR EQUIPMENT SPECIFIED.
  - SUBSTITUTION OF EQUIPMENT OR MATERIALS OTHER THAN THOSE SPECIFIED WILL BE CONSIDERED, PROVIDING, IN THE OPINION OF THE ENGINEER, SUCH EQUIPMENT OR MATERIAL IS EQUAL TO OR BETTER THAN THAT SPECIFIED. THE DECISION OF THE ENGINEER WITH RESPECT TO APPROVAL OR DISAPPROVAL OF ANY MATERIAL OR EQUIPMENT PROPOSED TO BE SUBSTITUTED AS AN "OR EQUAL" IS FINAL. THE CONTRACTOR SHALL HAVE NO CLAIM OF ANY SORT BY REASON OF SUCH DECISION.
  - IF THE CONTRACTOR PROPOSES TO SUBSTITUTE MATERIALS OR EQUIPMENT AS AN "OR EQUAL" TO THOSE SPECIFIED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, IN ADDITION TO THE REQUIRED INFORMATION LISTED ABOVE, A POINT BY POINT COMPARISON OF THE MATERIAL OR EQUIPMENT SPECIFIED ON THESE DRAWINGS WITH THAT PROPOSED TO BE SUBSTITUTED. THE BURDEN OF RESPONSIBILITY IN FURNISHING THIS INFORMATION IS WITH THE CONTRACTOR.
- PRODUCT DATA (SUBMIT SEVEN (7) COPIES)
  - CLEARLY MARK EACH COPY TO IDENTIFY PERTINENT PRODUCTS OR MODELS. DELETE BY CLEARLY MARKING ALL NON-APPLICABLE INFORMATION. SHOW PERFORMANCE CHARACTERISTICS AND CAPACITIES. SHOW DIMENSIONS AND CLEARANCES REQUIRED. SHOW WIRING AND PIPING DIAGRAMS AND CONTROLS.
  - MANUFACTURER'S STANDARD SCHEMATIC DRAWINGS AND DIAGRAMS SHALL BE MODIFIED TO DELETE INFORMATION NOT APPLICABLE TO THE WORK AND BE SUPPLEMENTED TO PROVIDE INFORMATION SPECIFICALLY APPLICABLE TO THE WORK.
  - MANUFACTURER'S CATALOG SHEETS, BROCHURES, DIAGRAMS, ILLUSTRATIONS AND OTHER STANDARD DESCRIPTIVE DATA SHALL BE CLEARLY MARKED TO IDENTIFY PERTINENT MATERIALS, PRODUCTS OR MODELS AND SHOW DIMENSIONS AND CLEARANCES REQUIRED.
- CERTIFICATIONS (CERTIFICATES OF COMPLIANCE) (SUBMIT SEVEN (7) COPIES)
  - THE ENGINEER MAY PERMIT USE, BEFORE SAMPLING, AND TESTING OF CERTAIN MATERIALS OR ASSEMBLIES ACCOMPANIED BY CERTIFICATES OF COMPLIANCE STATING THAT SUCH MATERIALS OR ASSEMBLIES FULLY COMPLY WITH THESE DRAWINGS. THE CERTIFICATE SHALL BE SIGNED BY THE MANUFACTURER. EACH LOT OF MATERIALS OR ASSEMBLIES DELIVERED MUST BE ACCOMPANIED BY A CERTIFICATE OF COMPLIANCE IN WHICH THE LOT IS CLEARLY IDENTIFIED.
  - MATERIALS OR ASSEMBLIES USED ON THE BASIS OF CERTIFICATES OF COMPLIANCE MAY BE SAMPLED AND TESTED AT ANY TIME. IF FOUND NOT IN CONFORMITY WITH THESE DRAWINGS, THEY WILL BE SUBJECT TO REJECTION WHETHER IN PLACE OR NOT.
  - THE FORM AND DISTRIBUTION OF CERTIFICATES OF COMPLIANCE SHALL BE AS APPROVED BY THE ENGINEER.
  - THE ENGINEER RESERVES THE RIGHT TO REFUSE PERMISSION FOR USE OF MATERIALS OR ASSEMBLIES ON THE BASIS OF CERTIFICATES OF COMPLIANCE.
  - ALL MATERIALS USED WILL BE INSPECTED, SAMPLED AND TESTED IN ACCORDANCE WITH THESE REQUIREMENTS AND OTHERS AS SET FORTH ELSEWHERE IN THESE DRAWINGS, IN WHICH PARTICULAR REFERENCE IS MADE TO A SPECIFIC MATERIAL. UNLESS OTHERWISE DESIGNATED, TESTS WILL BE MADE IN ACCORDANCE WITH THE MOST RECENTLY PUBLISHED, CITED STANDARD, TENTATIVE OR INTERIM, METHODS OF ASHTO, ASTM, AWWA, WORCESTER COUNTY, OR OTHERS WHICH ARE CURRENT AS OF THE DATE OF ADVERTISEMENT FOR BIDS. THESE TESTS WILL BE MADE AT THE EXPENSE OF THE OWNER, UNLESS OTHERWISE SPECIFIED.

- ENGINEER WILL REVIEW FOR THE DESIGN CONCEPT OF THE PROJECT AND THE INFORMATION GIVEN ON THE DRAWINGS.
- REVIEW OF SEPARATE ITEM DOES NOT CONSTITUTE REVIEW OF AN ASSEMBLY IN WHICH ITEM FUNCTIONS.
- AFFIX STAMP AND INITIALS OR SIGNATURE CERTIFYING REVIEW OF SUBMITTAL.
- RETURN SUBMITTALS TO CONTRACTOR FOR DISTRIBUTION OR RESUBMITTAL.
- SHOP DRAWINGS REQUIRING RESUBMITTAL SHALL BE RETURNED TO THE CONTRACTOR WITHIN 14 DAYS OF RECEIPT OF RESUBMISSION AT THE ENGINEER'S OFFICE. NO EXTENSION OF TIME OR ADJUSTMENT OF COST SHALL BE ALLOWED DUE TO REJECTION OF DEFICIENT OR INCORRECT SHOP DRAWINGS.
- THE ENGINEER WILL REVIEW AND STAMP THE SHOP DRAWINGS IN ONE OF THE FOLLOWING WAYS:
  - ACCEPTED AS SPECIFIED
  - ACCEPTED AS EQUAL TO SPECIFIED
  - ACCEPTED AS NOTED
  - REVISE AND RESUBMIT
  - REJECTED
  - INFORMATIONAL PURPOSES ONLY
- CORRECTIONS OR COMMENTS ON THE SHOP DRAWINGS DURING THE ENGINEER'S REVIEW DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITHIN THE REQUIREMENTS OF THE DRAWINGS. THE OWNER OR ENGINEER WILL NOT BE RESPONSIBLE FOR ERRORS OR OMISSIONS ON ANY DRAWINGS OR INFORMATION FURNISHED BY THE CONTRACTOR, EVEN THOUGH DRAWINGS CONTAINING SUCH ERRORS ARE INADVERTENTLY APPROVED. THE ENGINEER'S REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN ON THE DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR CONFORMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; AND IN PERFORMING THIS WORK IN A SAFE MANNER. IF THE SUBMITTAL DRAWINGS OR OTHER INFORMATION DEVIATE FROM THESE DRAWINGS, THE CONTRACTOR SHALL ADVISE THE ENGINEER OF THE DEVIATIONS, IN WRITING ACCOMPANYING THE SHOP DRAWINGS, INCLUDING THE REASONS FOR THE DEVIATIONS, AND SHALL REQUEST A DEVIATION FROM THESE DRAWINGS.
- ACCEPTANCE TESTING BY THE OWNER AS DESCRIBED HERE AND ELSEWHERE IS NOT CONSIDERED AS A REPLACEMENT FOR CONTROL TESTING CONDUCTED BY THE CONTRACTOR OR MANUFACTURER PRODUCING MATERIALS FOR THE CONTRACTOR WHEN THE CONTRACTOR OR MANUFACTURER IS NOT PROVIDING ADEQUATE CONTROL TESTING FACILITIES ON HIS OWN BEHALF. THE ENGINEER MAY REFUSE TO CARRY OUT RESAMPLING AND TESTING OF MATERIALS WHICH HAVE BEEN SHOWN TO BE DEFECTIVE BY NORMAL SAMPLING AND TESTING ROUTINES. THE ENGINEER MAY ALSO REFUSE TO RESAMPLE AND TEST DEFECTIVE MATERIALS UNTIL AND UNLESS CORRECTIVE ACTION HAS BEEN TAKEN BY THE CONTRACTOR OR THE MANUFACTURER.
- CONTRACTOR'S RESPONSIBILITIES
  - REVIEW ALL SUBMITTALS PRIOR TO SUBMISSION.
  - DETERMINE AND VERIFY: FIELD MEASUREMENTS, FIELD CONSTRUCTION CRITERIA, CATALOG NUMBERS AND SIMILAR DATA AND CONFORMANCE WITH DRAWINGS.
  - COORDINATE EACH SUBMITTAL WITH REQUIREMENTS OF THE WORK AND OF THE DRAWINGS.
  - CONTRACTOR'S RESPONSIBILITY FOR ERRORS AND OMISSIONS IN SUBMITTALS IS NOT RELIEVED BY ENGINEER'S REVIEW OF SUBMITTALS.
  - CONTRACTOR'S RESPONSIBILITY FOR DEVIATIONS IN SUBMITTALS FROM REQUIREMENTS OF THE DRAWINGS IS NOT RELIEVED BY ENGINEER'S REVIEW OF SUBMITTALS, UNLESS ENGINEER GIVES WRITTEN ACCEPTANCE OF SPECIFIC DEVIATIONS.
- CONTRACTOR SHALL NOTIFY ENGINEER, IN WRITING AT TIME OF SUBMISSION, OF DEVIATIONS IN SUBMITTALS FROM REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR SHALL BEGIN NO FABRICATION OR WORK WHICH REQUIRES SUBMITTALS UNTIL RETURN OF SUBMITTALS WITH ENGINEER'S STAMP AND INITIALS OR SIGNATURE INDICATING REVIEW AND APPROVAL.
- CONTRACTOR SHALL LEAVE AN 8" X 3" BLANK SPACE ON PAPER SUBMITTALS FOR THE ENGINEER'S STAMP.
- RESUBMISSION REQUIREMENTS
  - MAKE ANY CORRECTIONS OR CHANGES IN THE SUBMITTALS REQUIRED BY THE ENGINEER AND RESUBMIT UNTIL APPROVED.
  - REVISIONS TO SHOP DRAWINGS AND PRODUCT DATA SHALL CONSIST OF REVISED, CLEAN COPIES, AS SPECIFIED FOR THE INITIAL SUBMITTAL. INDICATE ANY CHANGES MADE OTHER THAN THOSE REQUESTED BY THE ENGINEER.
- ENGINEER'S DUTIES
  - REVIEW SUBMITTALS WITH REASONABLE PROMPTNESS AS DETERMINED BY THE PROJECT SCHEDULE AND RETURN TO THE CONTRACTOR WITHIN 14 DAYS OF RECEIPT AT THE ENGINEER'S OFFICE.

#### SUBMITTAL SCHEDULE:

SUBMIT TO THE ENGINEER, SHOP DRAWINGS, CERTIFICATIONS, PRODUCT DATA AND SAMPLES FOR ITEMS LISTED IN THE FOLLOWING TABLE:

	SHOP DRAWINGS	CERTIFICATIONS	PRODUCT DATA
HDPE SEWER PIPE AND COUPLINGS		X	X
VALVES	X	X	
CASTINGS	X	X	
PVC SEWER PIPE & FITTINGS		X	X
DETECTOR TAPE		X	X
TRACER WIRE		X	X

#### LEGEND:

##### EXISTING FEATURES

ELECTRIC LINE, POLE	
DITCH TOP OF BANK	
DITCH CENTERLINE	
HIGH WATER LINE	
TREE LINE	
EDGE OF PAVEMENT	
FENCE	
CONTOUR LINE	
CENTERLINE	
CULVERT PIPE	
CURBLINE	
LOW PRESSURE FORCE MAIN	

##### PROPOSED FEATURES

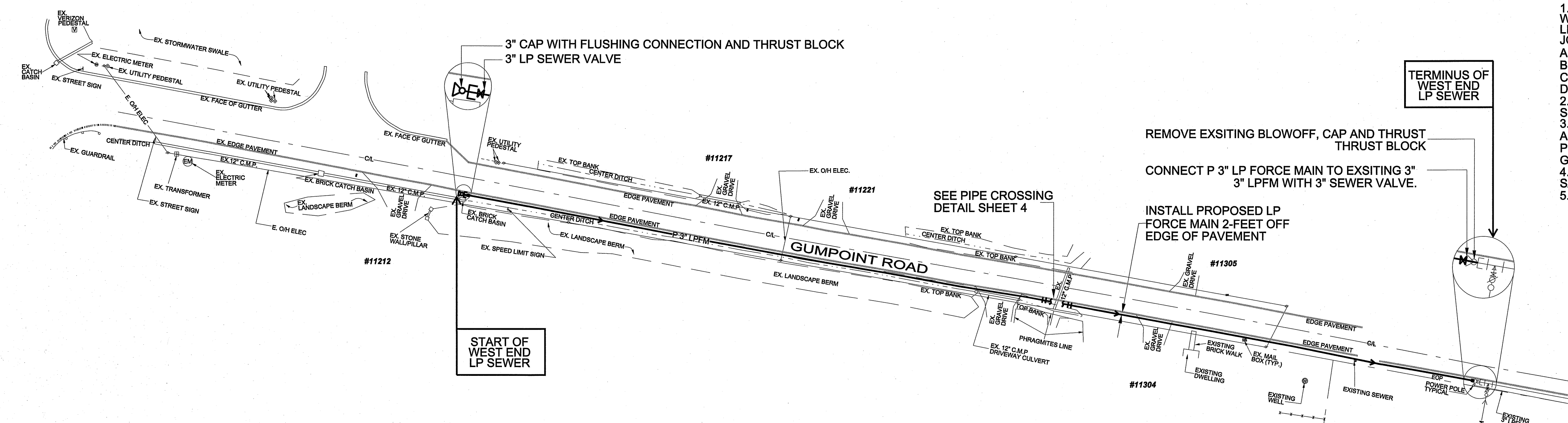
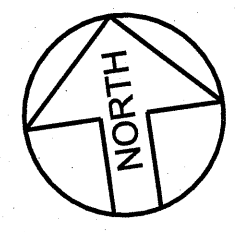
LOW PRESSURE FORCE MAIN, IN-LINE FLUSHING CONNECTION, VALVE, CAP	
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#### INDEX OF DRAWINGS:

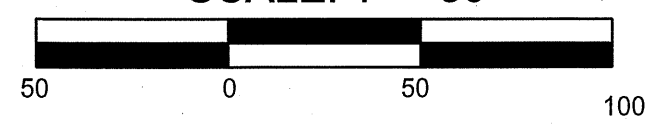
DRAWING No.:	SHEET No.:	TITLE:
457-01-001	1 of 4	COVER SHEET, LEGEND, VICINITY MAP AND INDEX
457-01-002	2 of 4	EAST END AND WEST END LOW PRESSURE (LP) SEWER PLAN
457-01-003	3 of 4	EAST END LOW PRESSURE (LP) SEWER PLAN
457-01-004	4 of 4	DETAILS AND NOTES

<b>OWNER/APPLICANT/DEVELOPER:</b> <b>WORCESTER COUNTY DPW</b> GUM POINT RD 6113 TIMMONS ROAD SNOW HILL, MD 21863 PHONE: 410.641.5251	<b>ENGINEER:</b> <b>J. W. SALM ENGINEERING, INC.</b> P.O. BOX 397, 9842 MAIN STREET, SUITE 3 BERLIN, MD 21811 PHONE : 410.641.0126	<b>SURVEYOR:</b> <b>RUSSEL T. HAMMOND SURVEYING, LLC</b> 10310 HOTEL ROAD BISHOPVILLE, MD 21813 PHONE : 410.352.5674
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THE WATER AND/OR SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS ARE APPROVED BY WORCESTER COUNTY WATER AND WASTEWATER SERVICES DIRECTOR WO. CO., WATER & WASTEWATER SERVICES	DESIGNED BY: JWS3	DRAWN BY: MAD	CHECKED BY: JWS3	<b>COVER SHEET, LEGEND, VICINITY MAP AND INDEX</b> <b>WORCESTER COUNTY DPW</b> <b>GUM POINT RD</b> THIRD TAX DISTRICT BERLIN WORCESTER COUNTY MARYLAND <b>J. W. SALM ENGINEERING, INC.</b> P.O. BOX 397, 9842 MAIN STREET, SUITE 3 BERLIN, MARYLAND 21811
THE WATER AND/OR SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS ARE APPROVED BY WORCESTER COUNTY DEPARTMENT OF PUBLIC WORKS. DIRECTOR WO. CO., DEPARTMENT OF PUBLIC WORKS	REVISIONS		SCALE: 1" = 50'	
MARYLAND PROFESSIONAL ENGINEERS BOARD JOHN W. SALM, III 19731 STATE OF MARYLAND ENGINEER LICENSE No.: 19731			DATE: APR. 2021	DRAWING No.: 457-01-001
				SHEET No.: <b>1 OF 4</b>

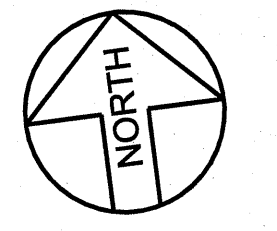


**WEST END PLAN**  
SCALE: 1" = 50'



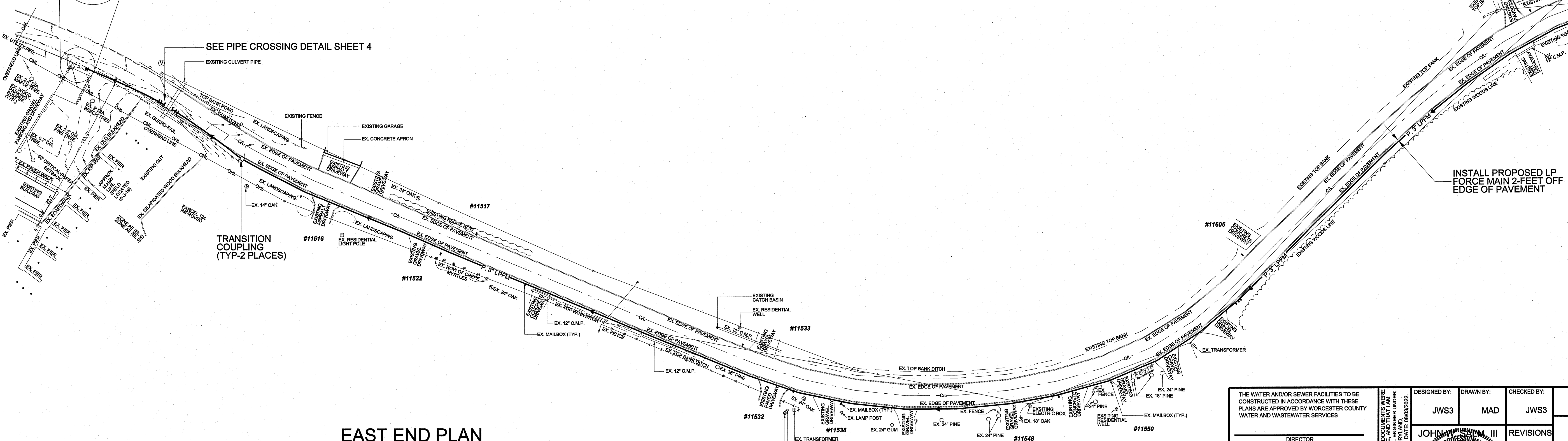
- NOTES:**
1. LP SEWER FORCE MAIN SHALL BE IPS PVC, SDR-17, BELL AND SPIGOT, PUSH-ON JOINTS, WHERE NOTED, OR WHERE REQUESTED BY THE CONTRACTOR FOR THEIR CONVENIENCE, LP SEWER FORCE MAIN MAY BE HDPE CLASS 160, DR 11.0, BUTT FUSION WELDED JOINTS AND FITTINGS. THE CONTRACTOR SHALL BE REQUIRED TO:
    - A) USE 2" HDPE FOR 1-1/2" PVC OR 1-1/4" PVC
    - B) USE 2" HDPE FOR 2" PVC
    - C) USE 3" HDPE FOR 3" PVC
    - D) USE 4" HDPE FOR 4" PVC
  2. PVC LP FORCE MAIN SHALL BE INSTALLED BY OPEN-CUT METHODS, HDPE FORCE MAIN SHALL BE INSTALLED BY HORIZONTAL DIRECTIONAL DRILLING METHODS.
  3. IN THE PUBLIC RIGHT-OF-WAY, PULL COPPER TRACER WIRE CONTINUOUS ALONG WITH ANY HORIZONTAL DRILLED PIPES. LAY COPPER TRACER WIRE WITH OPEN-CUT INSTALLED PIPE. PROVIDE DETECTOR TAPE FOR OPEN-CUT INSTALLED PIPE. TERMINATE COPPER WIRES AT GROUND LEVEL IN VALVE BOXES OR OTHER LOCATION FOR CONVENIENT ACCESS.
  4. REPAIR ANY DISTURBED DRIVEWAYS IN THE RIGHT-OF-WAY, IN-KIND, TO THE SATISFACTION OF WORCESTER COUNTY ROADS DEPARTMENT.
  5. THE PROPERTY LINE IS THE LIMIT OF WORCESTER COUNTY MAINTENANCE.

START OF EAST END LP SEWER

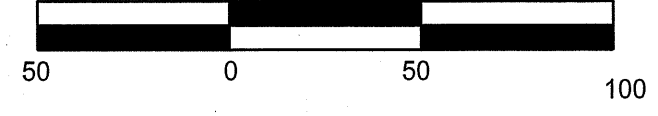


REMOVE EXISTING TEMPORARY CAP, BLOWOFF AND THRUST BLOCK. CONNECT PROPOSED 3" LP SEWER TO EXISTING 3" LP SEWER WITH SEWER VALVE.

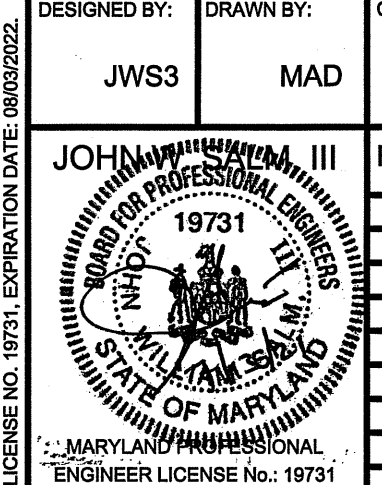
PROPOSED 3" LP DIRECTIONAL DRILL REQUIRED FOR 3" HDPE PIPE IN THIS LOCATION.



**EAST END PLAN**  
SCALE: 1" = 50'



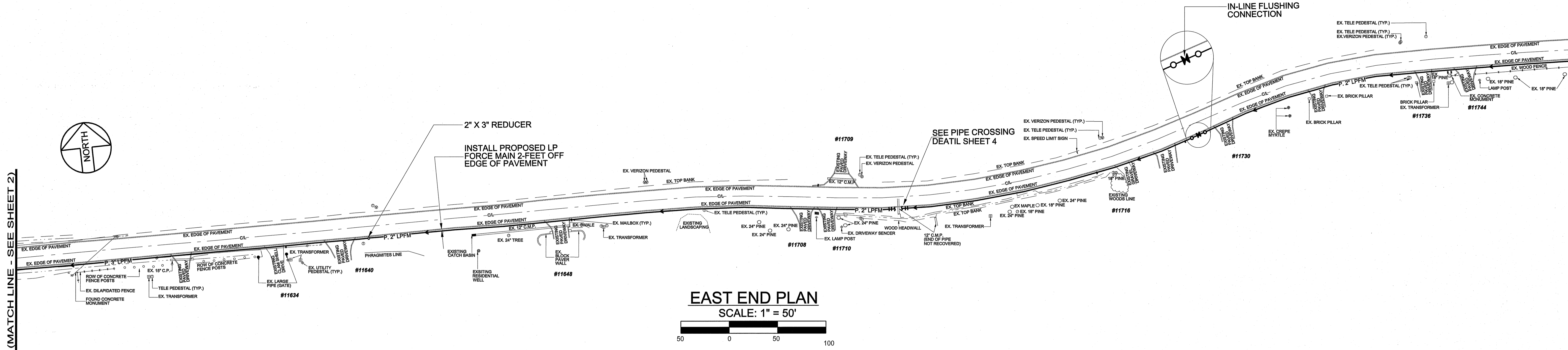
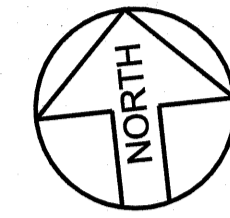
THE WATER AND/OR SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS ARE APPROVED BY WORCESTER COUNTY WATER AND WASTEWATER SERVICES DIRECTOR WO. CO., WATER & WASTEWATER SERVICES		DESIGNED BY: JWS3	DRAWN BY: MAD	CHECKED BY: JWS3	<b>EAST END AND WEST END LOW-PRESSURE (LP) SEWER PLAN</b> <b>WORCESTER COUNTY DPW</b> <b>GUM POINT RD</b> THIRD TAX DISTRICT BERLIN WORCESTER COUNTY MARYLAND												
THE WATER AND/OR SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS ARE APPROVED BY WORCESTER COUNTY DEPARTMENT OF PUBLIC WORKS. DIRECTOR WO. CO., DEPARTMENT OF PUBLIC WORKS		REVISIONS <table border="1"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>													SCALE: 1" = 50'	DATE: APR. 2021	DRAWING No.: 457-01-002



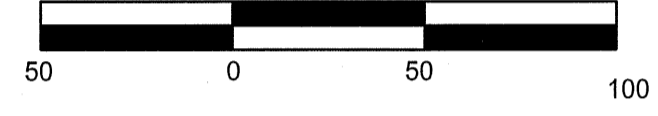
MATCH LINE - SEE SHEET 3

(MATCH LINE - SEE BELOW)

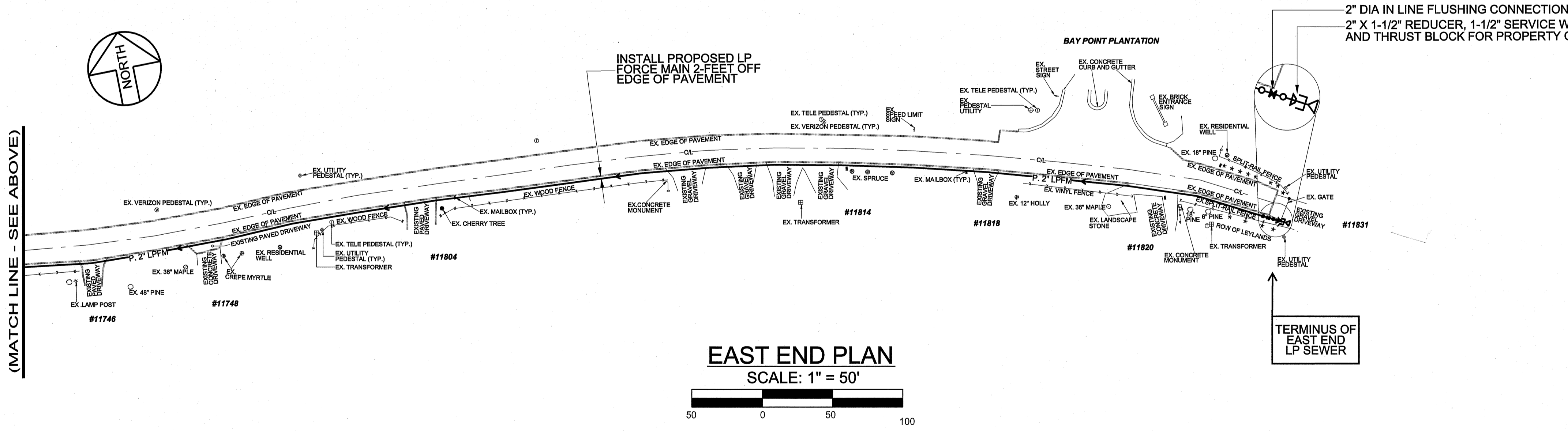
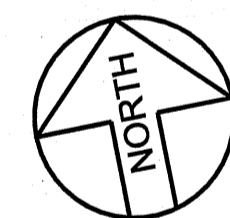
(MATCH LINE - SEE SHEET 2)



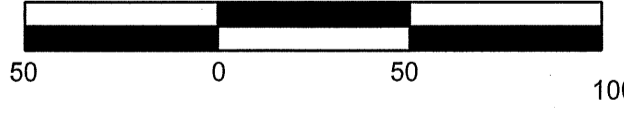
**EAST END PLAN**  
SCALE: 1" = 50'



(MATCH LINE - SEE ABOVE)



**EAST END PLAN**  
SCALE: 1" = 50'



**NOTES:**

- LP SEWER FORCE MAIN SHALL BE IPS PVC, SDR-17, BELL AND SPIGOT, PUSH-ON JOINTS, WHERE NOTED, OR WHERE REQUESTED BY THE CONTRACTOR FOR THEIR CONVENIENCE. LP SEWER FORCE MAIN MAY BE HDPE CLASS 160, DR 11.0, BUTT FUSION WELDED JOINTS AND FITTINGS. THE CONTRACTOR SHALL BE REQUIRED TO:
  - USE 2" HDPE FOR 1-1/2" PVC OR 1-1/4" PVC
  - USE 2" HDPE FOR 2" PVC
  - USE 3" HDPE FOR 3" PVC
  - USE 4" HDPE FOR 4" PVC
- PVC LP FORCE MAIN SHALL BE INSTALLED BY OPEN-CUT METHODS, HDPE FORCE MAIN SHALL BE INSTALLED BY HORIZONTAL DIRECTIONAL BORING METHODS.
- IN THE PUBLIC RIGHT-OF-WAY, PULL COPPER TRACER WIRE CONTINUOUS ALONG WITH ANY HORIZONTAL DRILLED PIPES. LAY COPPER TRACER WIRE WITH OPEN-CUT INSTALLED PIPE. PROVIDE DETECTOR TAPE FOR OPEN-CUT INSTALLED PIPE. TERMINATE COPPER WIRES AT GROUND LEVEL IN VALVE BOXES OR OTHER LOCATION FOR CONVENIENT ACCESS.
- REPAIR ANY DISTURBED DRIVEWAYS IN THE RIGHT-OF-WAY, IN-KIND, TO THE SATISFACTION OF WORCESTER COUNTY ROADS DEPARTMENT.
- THE PROPERTY LINE IS THE LIMIT OF WORCESTER COUNTY MAINTENANCE.

THE WATER AND/OR SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS ARE APPROVED BY WORCESTER COUNTY WATER AND WASTEWATER SERVICES		DESIGNED BY: JWS3	DRAWN BY: MAD	CHECKED BY: JWS3	<b>EAST END LOW-PRESSURE (LP) SEWER PLAN</b> <b>WORCESTER COUNTY DPW</b> <b>GUM POINT RD</b> THIRD TAX DISTRICT BERLIN WORCESTER COUNTY MARYLAND <b>J. W. SALM ENGINEERING, INC.</b> P.O. BOX 397, 9842 MAIN STREET, SUITE 3 BERLIN, MARYLAND 21811		
DIRECTOR WO. CO., WATER & WASTEWATER SERVICES		REVISIONS JOHN W. SALM III 19731 				SCALE: 1" = 50'	
THE WATER AND/OR SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS ARE APPROVED BY WORCESTER COUNTY DEPARTMENT OF PUBLIC WORKS.		DIRECTOR WO. CO., DEPARTMENT OF PUBLIC WORKS			DATE: APR. 2021	DRAWING No.: 457-01-003	SHEET No.: 3 OF 4

**WATER AND SEWER NOTES:**

- 1) ALL REFERENCES TO "STANDARD DETAILS" REFER TO WORCESTER COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR WATER MAINS AND SEWER MAINS, DATED NOVEMBER 1, 2017, LATEST REVISION.
- 2) ALL REFERENCES TO AWWA STANDARDS ARE TO THE LATEST REVISION.
- 3) CONCRETE ENCASUREMENT, IF REQUIRED SHALL BE IN ACCORDANCE WITH STANDARD DETAIL G-3.
- 4) DETECTION TAPE AND TRACER WIRE SHALL CONFORM TO SECTION 02664, 2.0 D-13 AND 15, SECTION 02700, 2.0 E-5 AND DETAIL G-1 AND G-2.
- 5) BACKFILL AROUND PIPES SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 02250.
- 6) A MINIMUM OF 5 PVC PIPE JOINTS (100 FEET) SHALL BE STRAPPED WITH EBAA IRON SERIES 6500, SERIES 7500 FITTINGS, OR EQUAL ON EACH SIDE OF TRANSITIONS FROM HDPE TO PVC PIPE.

**CONSTRUCTION SPECIFICATIONS:**

- 1) IN GENERAL, UNLESS OTHERWISE NOTED, CONSTRUCTION SPECIFICATIONS SHALL CONFORM TO THE APPLICABLE PORTIONS OF THE NOVEMBER 1, 2017 WORCESTER COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR WATER MAINS AND SEWER MAINS.
- 2) GRAVITY SANITARY SEWER SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 02700.
- 3) WATER MAINS AND SERVICE CONNECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 02660 AND 02664.
- 4) STRUCTURES AND MASONRY SHALL BE CONSTRUCTED IN CONFORMANCE WITH DIVISION 3-CONCRETE AND DIVISION 4-MASONRY.

**MATERIALS SPECIFICATION:**

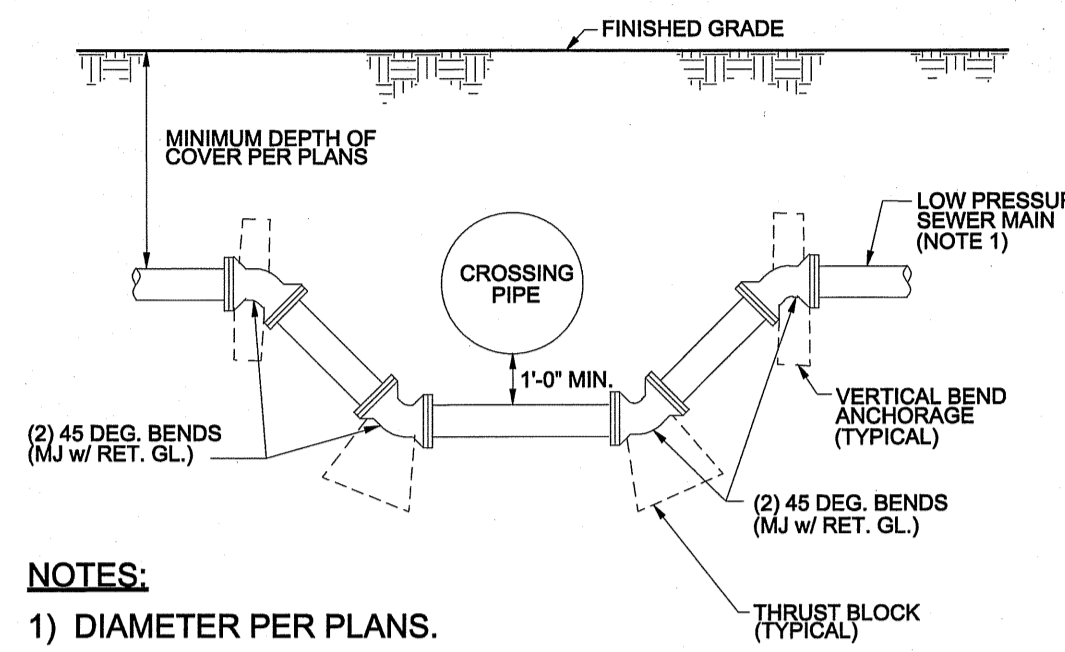
- 1) IN GENERAL, UNLESS OTHERWISE NOTED, MATERIAL SPECIFICATIONS SHALL CONFORM TO THE APPLICABLE PORTIONS OF THE NOVEMBER 1, 2017 WORCESTER COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR WATER MAINS AND SEWER MAINS, LATEST REVISION.
- 2) EXCAVATION AND BACKFILL SHALL CONFORM TO SECTION 02250.
- 3) AGGREGATES FOR PORTLAND CEMENT CONCRETE SHALL CONFORM TO SECTION 03300, 2.0 C-1-4.
- 4) CLEAN GRAVEL FOR BACKFILL SHALL CONFORM TO SECTION 02250, 3.0 C.
- 5) PORTLAND CEMENT CONCRETE SHALL CONFORM TO SECTION 04100, 2.0 C-2.
- 6) BRICK AND MASONRY SHALL CONFORM TO SECTION 04200.
- 7) PVC WATER MAINS SHALL CONFORM TO AWWA C900 AND SECTION 02660, 2.0 E-2.
- 8) DUCTILE IRON PIPE AND FITTINGS SHALL CONFORM TO SECTION 02660, 2.0 E-3.
- 9) VALVES SHALL CONFORM TO SECTION 02662. VALVE BOXES SHALL CONFORM TO SECTION 02662, 2.0 D-13.
- 10) FIRE HYDRANTS SHALL CONFORM TO SECTIONS 02666.
- 11) SERVICE CONNECTIONS SHALL CONFORM TO SECTION 02664. WATER SERVICE PIPE SHALL CONFORM TO SECTION 02264.
- 12) WATER METERS SHALL CONFORM TO SECTION 02664, 2.0-D-1 AND DETAILS W-8-W-11. CONTRACTOR TO REFER TO SECTION 02664 AND PART 4 PRIOR TO ORDERING METERS.
- 13) PVC GRAVITY SEWER AND LATERAL PIPE SHALL CONFORM TO SECTION 02700 2.0-E-1.
- 14) SERVICE SADDLES SHALL CONFORM TO PART 4, NUMBER 23.
- 15) MANHOLES SHALL CONFORM TO SECTION 03400. ALL CASTINGS SHALL CONFORM TO STANDARD 5500, 2.0 D-6. MORTAR SHALL CONFORM TO STANDARD 04100.
- 16) CURB BOXES SHALL BE IN ACCORDANCE WITH PART 4, NUMBERS 12 AND 13. CURB STOPS SHALL BE IN ACCORDANCE WITH PART 4, NUMBER 26.
- 17) PVC LP SEWER FORCE MAINS, 3-INCHES IN DIAMETER AND LESS SHALL BE IPS PVC SDR 17 PUSH-ON-JOINT. PVC LP SEWER FORCE MAINS 4-INCHES IN DIAMETER OR GREATER SHALL BE AWWA C-900 PVC. ALL FITTINGS, 3-INCHES IN DIAMETER AND GREATER SHALL BE MECHANICAL JOINT WITH RETAINER GLANDS AND THRUST BLOCKS. GLUED FITTINGS WITH THRUST BLOCKS SHALL BE USED FOR 2-1/2-INCH DIAMETER AND LESS.
- 18) HDPE PIPE WHERE REQUIRED OR USED SHALL BE AS SPECIFIED ON THE PLAN SHEET.
- 19) TRANSITION FROM PVC TO HDPE PIPE OR VICE VERSA SHALL BE MADE WITH POLY-CAM SERIES 730 TRANSITION FITTING, OR EQUAL.

DIAMETER (d) OF PIPE	6" OR LESS	8"	12" OR GREATER
HOR. ANGLE: FROM 10° TO 45°	A: 0.75 FT	1.0 FT	1.5 FT
HOR. ANGLE: FROM 46° TO 90°	A: 1.0 FT	1.5 FT	2.0 FT
TEE CONNECTION:	A: 1.5 FT	1.75 FT	2.5 FT
VERTICAL BEND #6 BAR:	A: 2.0 FT B: 1.5 FT	3.0 FT 2.0 FT	4.0 FT 3.0 FT
PLUG	A: 1.25 FT	1.5 FT	2.5 FT

**THRUST BLOCK DETAIL**  
(REF. AWWA C600)  
NOT TO SCALE

**NOTES:**

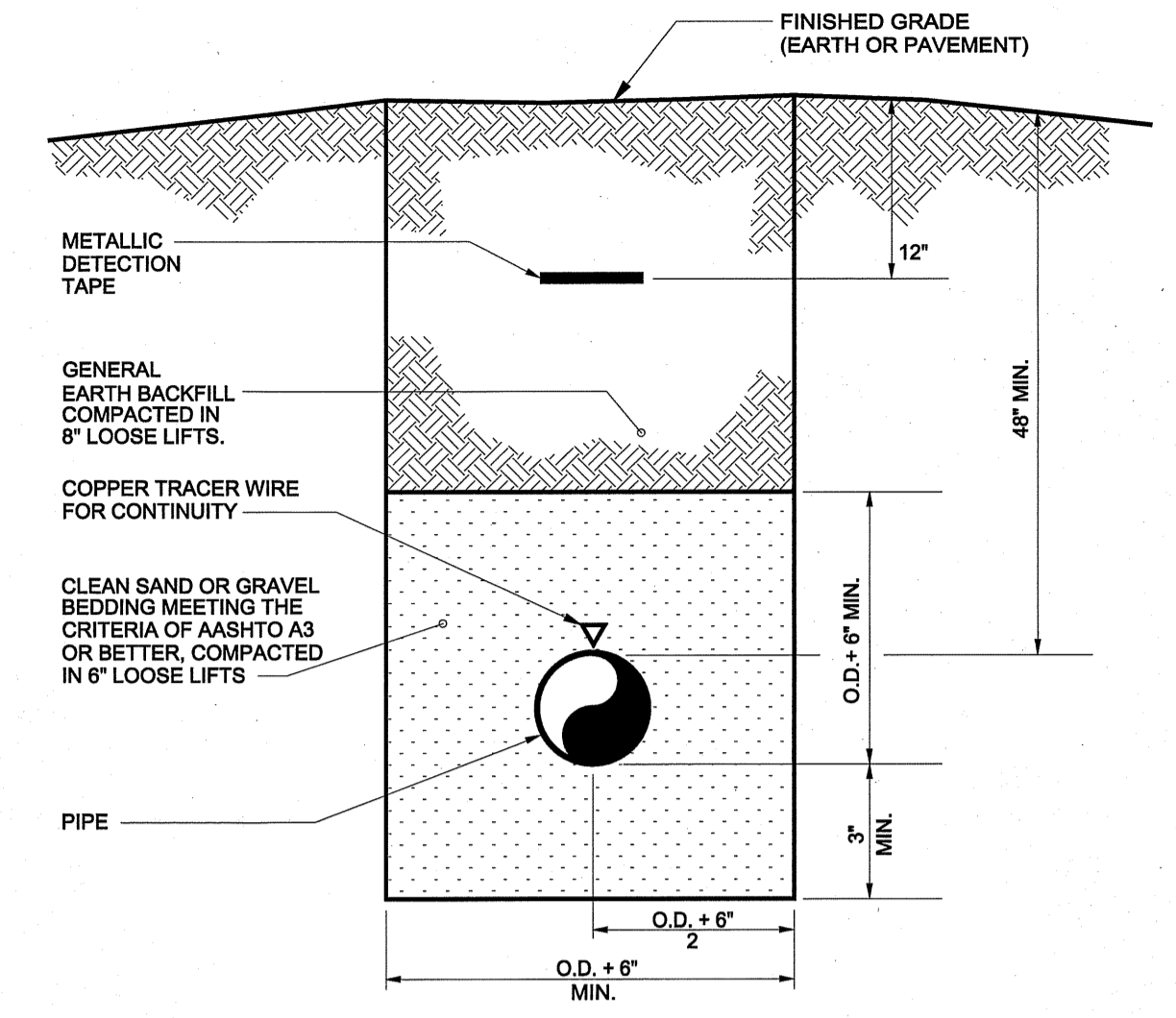
- 1) ALL HORIZONTAL BENDS SHALL HAVE CONCRETE THRUST BLOCKS WITH MINIMUM BEARING AREAS AGAINST UNDISTURBED SOIL. AS SHOWN IN THIS DRAWING.
- 2) BEARING AREAS ARE BASED UPON UNDISTURBED SOIL WITH A MINIMUM BEARING CAPACITY OF 0.5 TONS PER SQUARE FOOT. FOR LESSER SOIL CAPACITY, THESE AREAS SHALL BE INCREASED ACCORDINGLY.
- 3) THRUST BLOCKS SHALL BE POURED DIRECTLY AGAINST TRENCH WALLS.
- 4) NO JOINT SHALL BE COVERED WITH CONCRETE.
- 5) CONCRETE SHALL BE OF A MINIMUM OF 2500 P.S.I. STRENGTH.



**NOTES:**

- 1) DIAMETER PER PLANS.

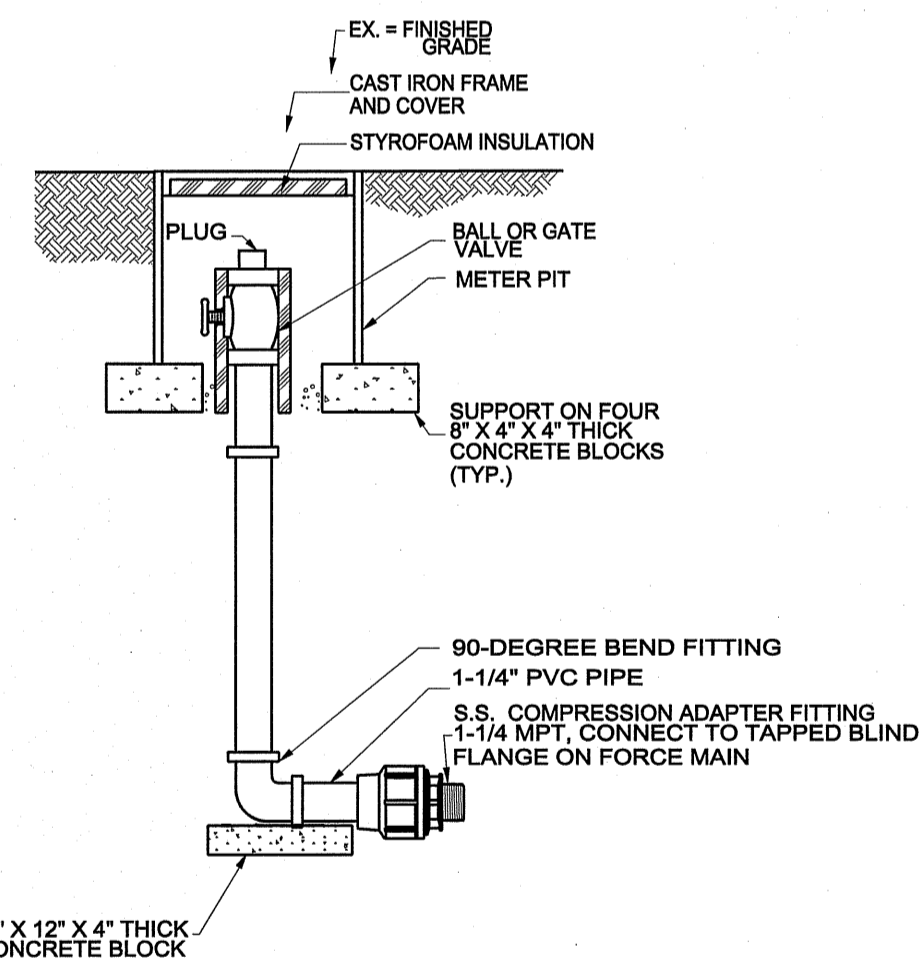
**PIPE CROSSING DETAIL**  
NOT TO SCALE



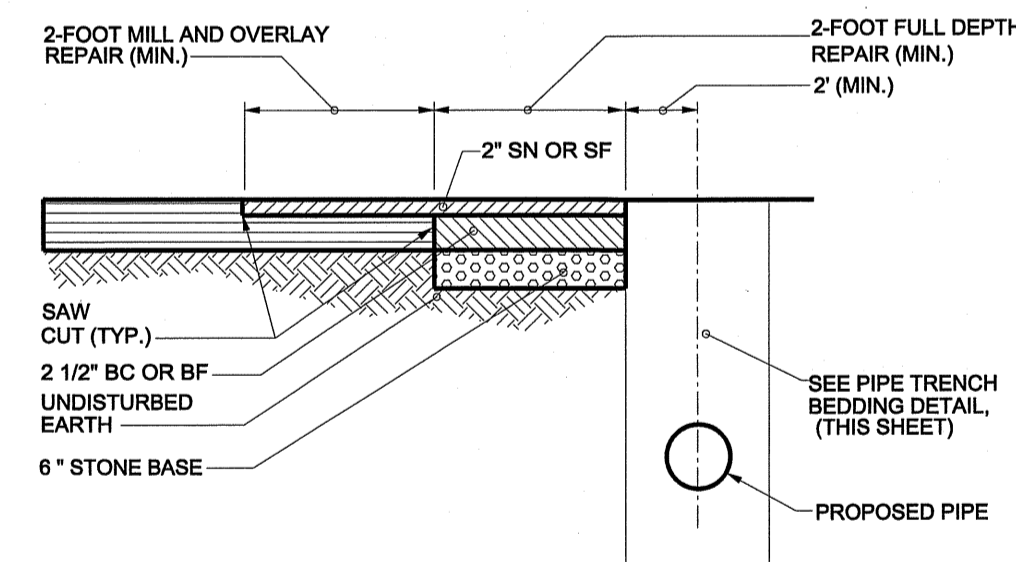
**PIPE TRENCH/BEDDING DETAIL**  
NOT TO SCALE

**NOTES:**

- 1) MAXIMUM TRENCH WIDTH O.D. +12", NOT TO EXCEED MAXIMUM TRENCH WIDTH WITHOUT WRITTEN PERMISSION OF THE ENGINEER.
- 2) COMPACTION IN ROADWAY RIGHT OFF WAY AREAS SHALL BE TO 95% MODIFIED PROCTOR DENSITY AT +/- 2% OF OPTIMUM MOISTURE CONTENT.
- 3) COMPACTION IN NON-ROADWAY RIGHT OF WAY AREAS SHALL BE TO 90% OF MODIFIED PROCTOR DENSITY AT +/- 3% OF OPTIMUM MOISTURE CONTENT.



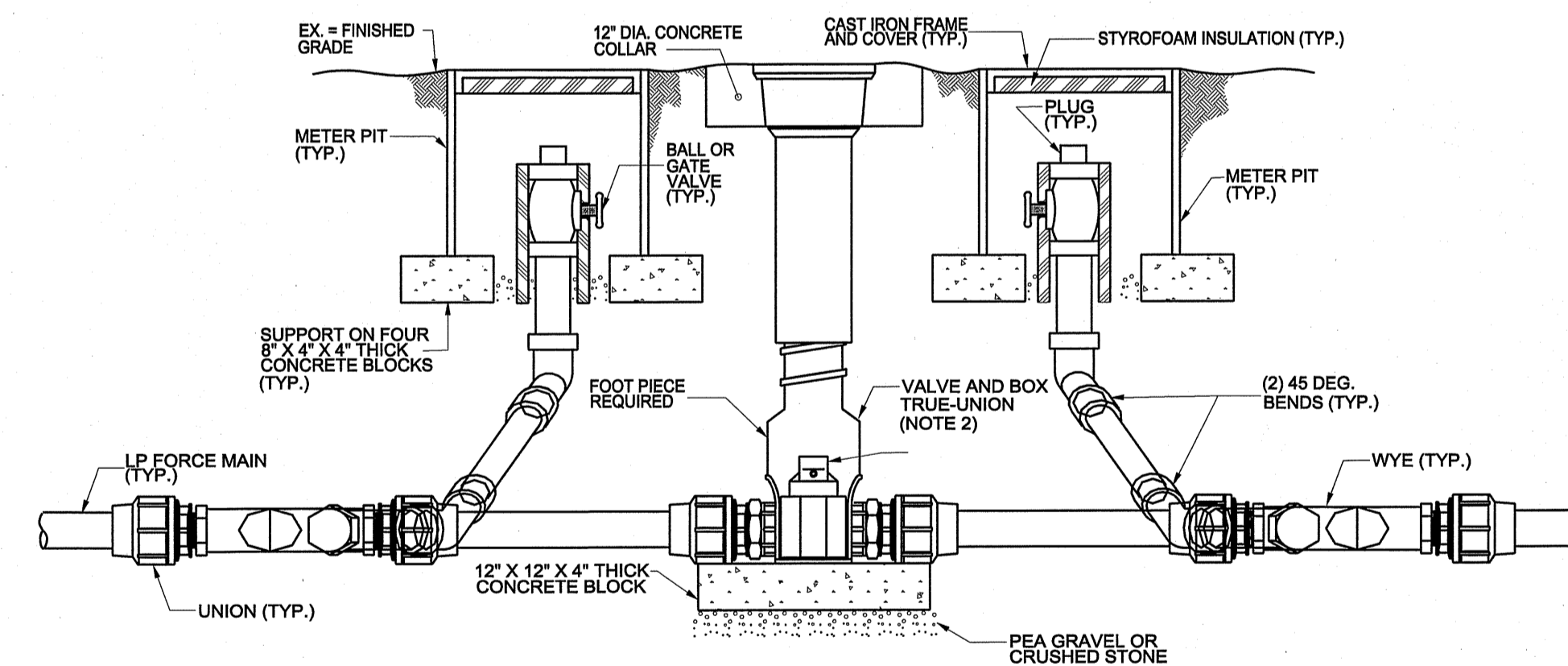
**LP FLUSHING CONNECTION DETAIL**  
NOT TO SCALE



**ROAD EDGE REPAIR AND OVERLAY DETAIL**  
NOT TO SCALE

**NOTES:**

- 1) PAVEMENT REPAIR SHALL BE PERFORMED TO THE SATISFACTION OF WORCESTER COUNTY AND THE ENGINEER.
- 2) CONTRACTOR SHALL MEET ON-SITE WITH WORCESTER COUNTY DEPARTMENT OF PUBLIC WORKS, ROADS DIVISION AND THE ENGINEER PRIOR TO PERFORMING ANY WORK ON COUNTY ROADS.
- 3) ALL BACKFILL AND COMPACTION SHALL BE PERFORMED ONLY IN THE PRESENCE OF THE ENGINEER OR A REPRESENTATIVE OF THE WORCESTER COUNTY DEPARTMENT OF PUBLIC WORKS, ROADS DIVISION.
- 4) SELECT BORROW REQUIRED FOR ROAD LOCATIONS, AASHTO A3 OR BETTER.



**TYPICAL LP SEWER IN - LINE FLUSHING CLEANOUT**  
NOT TO SCALE

**NOTES:**

- 1) FORCE MAIN DIAMETER SHALL BE AS SHOWN ON PLANS.
- 2) USE CURB STOP VALVE FOR LINE SIZES, 2-INCHES AND BELOW. USE CAST-IRON GATE VALVE OR PLUG VALVE WITH MECHANICAL JOINT WITH RETAINER GLAND ENDS FOR LINE SIZES 3-INCHES AND LARGER.

THE WATER AND/OR SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS ARE APPROVED BY WORCESTER COUNTY WATER AND WASTEWATER SERVICES DIRECTOR WO. CO., WATER & WASTEWATER SERVICES		DESIGNED BY: JWS3	DRAWN BY: MAD	CHECKED BY: JWS3	<b>DETAILS AND NOTES</b>  <b>GUM POINT ROAD - LOW-PRESSURE SEWER</b> <b>WORCESTER COUNTY DPW</b> THIRD TAX DISTRICT BERLIN, WORCESTER COUNTY, MARYLAND <b>J. W. SALM ENGINEERING, INC.</b> P.O. BOX 397, 9842 MAIN STREET, SUITE 3 BERLIN, MARYLAND 21811
THE WATER AND/OR SEWER FACILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS ARE APPROVED BY WORCESTER COUNTY DEPARTMENT OF PUBLIC WORKS. DIRECTOR WO. CO., DEPARTMENT OF PUBLIC WORKS		REVISIONS			
MARYLAND PROFESSIONAL ENGINEER LICENSE NO. 19731 JOHN W. SALM 19731		SCALE: 1" = 50' DATE: APR. 2021 DRAWING No.: 457-01-004 SHEET No.: 4 OF 4			

**Worcester County Department of Public Works**

**Water and Wastewater Division**

**Gum Point Road Low Pressure Sewer Line**

**Addendum Number 1**

**Bid Date - September 13, 2021**

The following information is provided for the Gum Point Road Sewer Project:

1. Pipeline Depth – Considering site conditions at the project, pipeline depth is established to be from 30-inches to 36-inches
2. Attached is a complete set of bid forms for the project. These are the same as those in the in the original on-line listing and are provided to ensure all bidders have a complete copy of the bid forms

## BID FORM

### Gum Point Road Low-Pressure (LP) Sewer Ocean Pines Service Area Worcester County, Maryland

This Bid Is Submitted To: Worcester County Commissioners, OWNER

The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with OWNER to perform and furnish all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in the Instruction to Bidders and in accordance with all other terms and conditions of the Contract Documents.

BIDDER accepts all of the terms and conditions of the Advertisement, Notice to Bidders, Instructions to Bidders and General Information, Special Conditions, Bid Item Descriptions, Bid Schedule, Bid Form and all Contract Document Provisions. This Bid shall be irrevocable for a period of ninety (90) days following Bid opening and shall be accompanied by a **bid guarantee of 5% of the Bid Price**, in a form acceptable to the County.

In submitting this Bid, BIDDER represents that:

- (a) BIDDER has examined copies of all the Bidding Documents and the following Addenda (receipt of all which is hereby acknowledged):

Date

Number

- (b) BIDDER has familiarized itself with the nature and extent of the Contract 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.
- (c) BIDDER has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies which pertain to the subsurface or physical conditions at the site or would otherwise affect the cost, progress, performance or furnishing of the Work at the Total Bid Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents, and no additional examinations, investigations,

explorations, tests, reports or similar information or data are or will be required by BIDDER for such purposes.

- (d) BIDDER has reviewed and checked all information and data shown or indicated on the Contract Documents with respect to existing underground facilities at or contiguous to the site and assumes responsibility for the accurate location of said underground facilities. If additional examinations, investigations, explorations, tests, reports or similar information or data in respect of said underground facilities are or will be required by BIDDER in order to perform and furnish the Work at the Total Bid Price, within the Contract Time and in accordance with the other terms and conditions the Contract Documents, these activities and investigations shall be performed by the BIDDER at no additional cost the OWNER and with no additional delay to the Contract Time.
- (e) BIDDER has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.
- (f) BIDDER has given the Engineer written notice of all conflicts, errors or discrepancies that it has discovered in the Contract Documents and the written resolution thereof by the Engineer is acceptable to the BIDDER.
- (g) The Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other BIDDER to submit a false or sham BID; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.
- (h) A performance guarantee, in a form acceptable to the County, shall be required in the amount of 100% of the Bid Price. A sample bond form meeting the County's requirements is attached for the Bidder's convenience.

**BID SCHEDULE  
GUM POINT ROAD LOW-PRESSURE (LP) SEWER  
OCEAN PINES SERVICE AREA**

Item	Description	Qty	Unit	Unit Cost	Total Cost
<b><u>A. Sewer Utilities</u></b>					
A-1	3-inch Diameter Sewer Forcemain Pipe - Roadway	2,700	LF	_____	_____
A-2	3-inch Diameter Sewer Forcemain Pipe - Stream Crossings	310	LF	_____	_____
A-3	3-inch Sewer Valve and Connection to Existing Forcemain	2	EA	_____	_____
A-4	3-inch Diameter In-line Flushing Cleanout Assembly	1	EA	_____	_____
A-5	3-inch Diameter Flushing Cleanout Assembly (Terminal)	1	EA	_____	_____
A-6	2-inch Diameter Sewer Forcemain Pipe	2,200	LF	_____	_____
A-7	2-inch Diameter In-line Flushing Cleanout Assembly	2	EA	_____	_____
<b>Sub-total Sewer Utilities:</b>					_____
 <b><u>B. Restoration</u></b>					
B-1	Mobilization/De-mobilization (paid 50% up front and 50% at final only once per entire project)	1	LS	_____	_____
<b>Sub-total Restoration:</b>					_____
 <b><u>C. Contingency</u></b>					
C-1	Pavement Restoration, complete	100	S.Y.	_____	_____
<b>Sub-total Contingency:</b>					_____
<b>Summation of Sub-totals = TOTAL BID COSTS:</b>					_____

**Notes:**

- 1) Item C-1 is a contingency item to be utilized only if, where and when specifically authorized by the County.
- 2) Quantities are for total bid tabulation cost calculation only. The County reserves the right to adjust the quantities of work. Unit costs will be applicable for -50% to +100% of the bid quantities for prices bid per "linear foot" and "square yard" items. There shall be no limit to adjustment for prices bid for "as each" items. Contractor shall be paid for actual quantities furnished and/or installed at the unit costs bid.



I/We submit this bid for the following work: **Gum Point Road Low-Pressure (LP) Sewer**

The following represents the TOTAL BID PRICE as itemized on the BID SCHEDULE attached as the following page:

**TOTAL BID PRICE:** \_\_\_\_\_

BIDDER'S NAME \_\_\_\_\_

BIDDER'S ADDRESS \_\_\_\_\_

BIDDER'S TELEPHONE \_\_\_\_\_

BIDDER'S E-MAIL ADDRESS \_\_\_\_\_

\_\_\_\_\_  
Name of Person/Company Officer Submitting Bid

DATE: \_\_\_\_\_

\_\_\_\_\_  
Signature of Person/Company Officer Submitting Bid