



REQUEST FOR QUOTATION

PLEASE COMPLETE THE FOLLOWING CONTACT INFORMATION:

NOTES

Company Name: _____

Address: _____

Contact Name: _____

Contact Title: _____

Phone Number: _____

E-mail: _____

1. Quoted prices are to be net thirty (30) calendar days: all discounts are to be deducted and reflected in net prices.
2. The County reserves the right to reject any and/or all quotes, to waive any technicalities in the quote, and to take whatever action is in the best interest of Washington County, Maryland.
3. The County is exempt from State of Maryland Sales Tax. The County's Maryland Sales Tax Exemption Number is 3000129 2.

RETURN QUOTATIONS TO:

WASHINGTON COUNTY PURCHASING DEPARTMENT
 Washington County Administration Complex
 100 West Washington Street, Third Floor, Suite 3200
 Hagerstown, Maryland 21740
Attention: Rick F. Curry, CPPO, Director of Purchasing
Telephone Number: 240-313-2330

REQUEST FOR QUOTATION
**THIS IS NOT
 AN ORDER**

DATE ISSUED

9/14/2022

DELIVERY
WANTED

See Attachment

DESCRIPTION

FORT RITCHIE MANHOLE MONITORING

Q-22-737

(See Attached Instructions & Specifications)

QUOTATION DUE: Wednesday, October 12, 2022, no later than 3:00 P.M., (EDT/EST) and must be time-stamped in the Purchasing Department. Opening of quotations will follow. Interested parties are invited to hear a reading of the quotes. All quoters who wish to hear a reading of the quotes shall call 240-313-2330 to receive instructions prior to the teleconference.

QUOTATIONS TO BE ADDRESSED TO: Washington County Purchasing Department, Attn: Rick F. Curry, CPPO, Director of Purchasing, Washington County Administration Complex, 100 West Washington Street, Third Floor, Suite 3200, Hagerstown, Maryland, 21740 and enclosed in a sealed opaque envelope marked "**QUOTATION – (Q-22-737) FORT RITCHIE MANHOLE MONITORING**" and bearing the contractor's name.

Having received clarification on all items of conflict or upon which any doubt arose, the undersigned proposed to furnish all labor, materials and equipment called for by said specifications and instructions for the **TOTAL LUMP SUM QUOTATION**.

NOTE: This page is to be returned with the Form of Proposal

We quote you as above - F.O.B. _____

Official Signature _____

Name Printed _____

Telephone Number _____

Acknowledge Addenda # _____ Date _____

_____ Date _____, # _____ Date _____

Delivery/Service can be performed no later than _____ calendar days from receipt of order.

Date _____

Q-22-737
REQUEST FOR QUOTATION

FORT RITCHIE MANHOLE MONITORING

INSTRUCTIONS

1. **QUOTATION SUBMISSION:** Quotations are to be submitted enclosed in a sealed opaque envelope bearing the name of the firm submitting the quote and marked “**QUOTATION – (Q-22-737) FORT RITCHIE MANHOLE MONITORING**”. Quotations are to be addressed to Rick F. Curry, CPPO, Washington County Purchasing Department, Washington County Administration Complex, 100 West Washington Street, Third Floor, Suite 3200, Hagerstown, Maryland, 21740. **Please direct all inquiries to Rick F. Curry, CPPO, at 240-313-2330, Fax - 240-313-2331. Facsimile or Electronic Quotes will not be accepted.**

2. **PRE-QUOTATION CONFERENCE/TELECONFERENCE:** A Pre-Quotation Conference/ Teleconference will be held in person in the Washington County Administration Complex, Second Floor Conference Room 2001, 100 West Washington Street, Hagerstown, Maryland 21740, **10:00 A.M., (EDT/EST) Wednesday, September 21, 2022**, at which time County personnel will be present to answer any questions. All interested quoters wishing to take part in the meeting by teleconference shall call 240-313-2330 prior to the meeting to receive instructions. All interested quoters are requested to take part in the conference/teleconference. Participation in this meeting is not mandatory, but it is strongly encouraged.

3. **QUOTATION OPENING:** Quotations must be received and time-stamped in the Purchasing Department no later than **3:00 P.M., (EDT/EST) Wednesday, October 12, 2022**. Quotations will be opened and read at that time in the Washington County Administration Complex, Third Floor Conference Room 3000, 100 West Washington Street, Hagerstown, Maryland. All interested parties are invited to attend.

NOTE: All Quoters must enter the Washington County Administrative Complex through either the front door at the 100 West Washington Street entrance or through the rear entrance (w/blue canopy roof) which is handicap accessible and must use the elevator to access the Purchasing Department to submit their quote and/or to attend the Pre-Quotation Conference and/or the Quote Opening. Alternate routes are controlled by a door access system. The general public will be subject to wand search and will be required to remove any unauthorized items from the building prior to entry. Prohibited items include but are not limited to: Weapons of any type; Firearms, ammunition, and explosive devices; Cutting instruments of any type - including knives, scissors, box cutters, work tools, knitting needles, or anything with a cutting edge, etc.; Pepper spray, mace or any other chemical defense sprays; and Illegal substances.

4. **AWARD OF CONTRACT:** Washington County shall award the contract to the responsible, responsive low Quoter based on the total sum for completing the scope of work that is most advantageous to the County. Carelessness in quoting prices, or in preparation of quotation otherwise, will not relieve the Quoter. Erasures or changes in quotations must be initialed. Upon approval of the cost proposal, it is the County’s intent to issue a Notice to Proceed (purchase order) within fourteen (14) days.

5. **CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION:** The Quoter/Vendor certifies, by submission of this Quotation or acceptance of this contract, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. It further agrees by submitting this quotation that it will include this clause without modification in all lower tier transactions, solicitations, quotations, contracts, and subcontracts. Where the Quoter/Vendor or any lower tier participant is able to certify to this statement, it shall attach an explanation to this solicitation/proposal.
6. **DELIVERY:** The successful Bidder shall guarantee completion of the scope of work as specified herein, no later than ninety (90) consecutive calendar days after notice of award. All delivery costs and any other charges associated with this work shall be included in the Quote.
7. **DISCOUNTS:** Quoted prices are to be net thirty (30) calendar days; all discounts are to be deducted and reflected in net prices.
8. **DISPUTES:** In cases of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the County Commissioners or authorized representative shall be final and binding on both parties.
9. **EQUAL OPPORTUNITY:** The Board of County Commissioners of Washington County, Maryland does not discriminate on the basis of race, color, national origin, sex, religion, age and disability in employment or the provision of services. Individuals requiring special accommodations are requested to contact the Purchasing Department at 240-313-2330 Voice, TDD Dial 711 to make arrangements no later than seven (7) calendar days prior to the Quotation Opening.
10. **EXCEPTION:** The submission of a quotation shall be considered an agreement to all items, conditions, and specifications provided herein and in the various quotation documents unless specifically noted otherwise in the quotation.
11. **HAZARDOUS SUBSTANCES:** Any hazardous substances as defined under the Department of Labor Occupational Safety and Health Standard for General Industry (29-CFR-1910.1200) and State of Maryland Law and Regulations on "Access to Information About Hazardous and Toxic Substances", MDSH Article 89, Section 28-49-D, being delivered to Washington County, Maryland as a result of this Request for Quotation shall be accompanied by a current "Hazardous Data Safety Sheet" or items may not be accepted.
12. **INTERPRETATION, DISCREPANCIES, OMISSIONS:** Should any Quoter find discrepancies in, or omissions from the documents or be in doubt of their meaning, or feel that the specifications are discriminatory, he/she should at once request, in writing, an interpretation from Rick F. Curry, CPPO – Director of Purchasing, Washington County Purchasing Department, Washington County Administration Complex, 100 West Washington Street, Suite 3200, Hagerstown, Maryland, 21740, Fax: 240-313-2331; or send questions in Microsoft Word platform via-email to purchasingquestions@washco-md.net

All necessary interpretations will be issued to all Quoters by the Washington County Purchasing Director in the form of addenda to the specifications, and such addenda shall become part of the Contract Documents. Exceptions taken in no way obligates the County to change the specifications. Failure of any Quoter to receive any such addendum or interpretation shall not relieve such Quoter from any obligation under his/her quotation as submitted. The County will assume no responsibility for oral instructions or suggestions. **ORAL ANSWERS WILL NOT BE BINDING ON THE COUNTY.** Any requests received after 4:00 P.M., (EDT/EST), Wednesday, September 28, 2022 may not be considered.

13. **LIQUIDATED DAMAGES:** Assessments shall be made at the rate of one percent (1%) of the quoted price, per unit, per day, for each unit not delivered by the due date. This assessment shall be deducted for the invoice price.
14. **MATERIAL AND WORKMANSHIP:** All equipment furnished shall be guaranteed to be new, unused and of current manufacture, to meet all requirements of the specifications, and to be in intended use condition at time of delivery. All workmanship shall be of high quality and accomplished in a professional manner so as to ensure functionality of the equipment.
15. **PAYMENT:** Payment will be made within thirty (30) calendar days after satisfactory acceptance and completion of the Scope of Work. Invoices shall be submitted in duplicate to the Department of Water Quality, 16232 Elliott Parkway, Williamsport, MD 21795.
16. **PAYMENT OF COUNTY AND MUNICIPAL TAXES:** Effective October 1, 1993, in compliance with Section 1-106(b)(3) of the Code of the Public Local Laws of Washington County, Maryland, "If a Bidder has not paid all taxes owed to the County or a municipal corporation in the County, the County Commissioners may reject the Bidder's bid."
17. **POLITICAL CONTRIBUTION DISCLOSURE:** In accordance with Maryland Code, State Finance and Procurement Article, §17-402, the Bidder shall comply with Maryland Code, Election Law Article, Title 14, which requires that every person that enters into contracts, leases, or other agreements with the State, a county, or any incorporated municipality, or their agencies during a calendar year in which the person receives in the aggregate \$100,000 or more, shall file with the State Administrative Board of Election Laws a statement disclosing contributions in excess of \$500 made during the reporting period to a candidate for elective office in any primary or general election. The statement shall be filed with the State Administrative Board of Election Laws: (1) before a purchase or execution of a lease or contract by the State, a county, an incorporated municipality or their agencies, and shall cover the preceding two (2) calendar years; and (2) if the contribution is made after the execution of a lease or contract, then twice a year, throughout the contract term, on: (a) February 5, to cover the 6-month period ending January 31; and (b) August 5, to cover the 6-month period ending July 31.
18. **REDUCTION OF PRICES:** Any reduction of prices during the period of this contract shall be passed on to the Board of county Commissioners of Washington County, Maryland.
19. **QUOTER'S RESPONSIBILITY:** Prior to contracting, private corporations must either be incorporated in the State of Maryland or registered with the Maryland Department of Assessments and Taxation as a foreign corporation and must be in good standing. Proof of such standing is required prior to the start of the contracting process and shall remain in good standing during the

contract period. The website for the State Department of Assessments and Taxation is: <https://egov.maryland.gov/businessexpress> and the phone numbers for the State Department of Assessments and Taxation are: (410) 767-1184 or (888) 246-5941.

20. **RESERVATIONS:** The Board of County Commissioners of Washington County, Maryland, reserves the right to accept or reject any or all quotes, to waive formalities, informalities and technicalities therein. The Board reserves the right to contact a Quoter for clarifications and may, at its sole discretion, allow a Quoter to correct any and all formalities, informalities and technicalities in the best interest of Washington County, Maryland.
21. **SALES TAX:** Washington County Government is exempt from State of Maryland Sales Tax. The County's Maryland Sales Tax Exemption Number is 3000129 2. The County will provide a sales tax exemption certificate for the items provided under this contract.

POLICY TITLE: Insurance Requirements for Independent Contractors

ADOPTION DATE: August 29, 1989

EFFECTIVE DATE: September 1, 1989

FILING INSTRUCTIONS:

I. PURPOSE

To protect Washington County against liability, loss or expense due to damaged property, injury to or death of any person or persons and for care and loss of services arising in any way, out of, or in connection with or resulting from the work or service performed on behalf of Washington County.

II. ACTION

The following should be inserted in all Independent Contractor Contracts:

"The Contractor shall procure and maintain at his sole expense and until final acceptance of the work by the County, insurance as hereinafter enumerated in policies written by insurance companies admitted in the State of Maryland, have A.M. Best rating of A- or better or its equivalent, and acceptable to the County."

1. **Workers Compensation:** The Contractor agrees to comply with Workers Compensation laws of the State of Maryland and to maintain a Workers Compensation and Employers Liability Policy.

Minimum Limits Required:

Workers Compensation -	Statutory
Employers Liability -	\$100,000 (Each Accident)
	\$500,000 (Disease - Policy Limit)
	\$100,000 (Disease - Each Employee)

2. **Comprehensive General Liability Insurance:** The Contractor shall provide Comprehensive General Liability including Products and Completed Operations.

Minimum Limits Required:

\$1,000,000 combined single limit for Bodily Injury and Property Damage.

Such insurance shall protect the County, its agents, elected and appointed officials, commission members and employees, and name Washington County on the policy as additional insured against liability, loss or expense due to damaged property (including loss of use), injury to or death of any person or persons and for care and loss of services arising in any way, out of, or in connection with or resulting from the work of service performed on behalf of Washington County.

2. **Comprehensive General Liability Insurance** (continued)

The Contractor is ultimately responsible that Subcontractors, if subcontracting is authorized, procure and maintain at their sole expense and until final acceptance of the work by the County, insurance as hereinafter enumerated in policies written by insurance companies admitted in the State of Maryland, have A.M. Best rating of A- or better or its equivalent, and acceptable to the County.

3. **Business Automobile Liability:** The Contractor shall provide Business Auto Liability including coverage for all leased, owned, non-owned and hired vehicles.

Minimum Limits Required:

\$1,000,000 combined single limit for Bodily Injury or Property Damage.

Certificate(s) of Insurance: The Contractor shall provide certificates of insurance requiring a 30-day notice of cancellation to the Insurance Department, Board of County Commissioners of Washington County prior to the start of the applicable project.

Approval of the insurance by the County shall not in any way relieve or decrease the liability of the Contractor. It is expressly understood that the County does not in any way represent that the specified limits of liability or coverage or policy forms are sufficient or adequate to protect the interest or liabilities of the Contractor.

All responsibility for payment of any sums resulting from any deductible provisions, corridor, or self-insured retention conditions of the policy or policies shall remain with the Contractor.

General Indemnity: The Contractor shall indemnify, defend and save harmless the Board of County Commissioners of Washington County, its appointed or elected officials, commission members, employees and agents for any and all suits, legal actions, administrative proceedings, claims, demands, damages, liabilities, interest, attorneys fees, costs and expenses of whatsoever kind of nature, whether arising before or after final acceptance and in any manner directly or indirectly caused, occasioned or contributed to in whole or in part by reason of any act, error or omission, fault or negligence whether active or passive by the Contractor, or any one acting under its direction, control or on its behalf in connection with or incident to its performance of the Contract.

Revision Date: August 27, 1991
Effective Date: August 27, 1991
Revision Date: March 4, 1997
Effective Date: March 4, 1997

**GOVERNMENT WIDE
DEBARMENT AND SUSPENSION**

Background and Applicability:

In conjunction with the Office of Management and Budget and other affected Federal agencies, DOT published an update to 49 CFR Part 29 on November 26, 2003. This government-wide regulation implements Executive Order 12549, *Debarment and Suspension*, Executive Order 12689, *Debarment and Suspension*, and 31 U.S.C. 6101 note (Section 2455, Public Law 103-355, 108 Stat. 3327).

The provisions of Part 29 apply to all grantee contracts and subcontracts at any level expected to equal or exceed \$25,000 as well as any contract or subcontract (at any level) for Federally required auditing services, 49 CFR 29.220(b). This represents a change from prior practice in that the dollar threshold for application of these rules has been lowered from \$100,000 to \$25,000. These are contracts and subcontracts referred to in the regulation as “covered transactions.”

Grantees, Contractors, and Subcontractors (at any level) that enter into covered transactions are required to verify that the entity (as well as its principals and affiliates) they propose to contract or subcontract with is not excluded or disqualified. They do this by (a) Checking the Excluded Parties List System, (b) Collecting a certification from that person, or (c) Adding a clause or condition to the contract or subcontract. This represents a change from prior practice in that certification is still acceptable but is no longer required, 49 CFR 29.300.

Grantees, Contractors, and Subcontractors who enter into covered transactions also must require the entities they contract with to comply with 49 CFR 29, Subpart C and include this requirement in their own subsequent covered transactions (i.e., the requirement flows down to subcontracts at all levels).

This contract is a covered transaction for purposes of 49 CFR Part 29. As such, the Contractor is required to verify that none of the Contractor, its principals, as defined at 49 CFR 29.995, or affiliates, as defined at 49 CFR 29.905, are excluded or disqualified as defined at 49 CFR 29.940 and 29.945.

The Contractor is required to comply with 49 CFR 29, Subpart C and must include the requirement to comply with 49 CFR 29, Subpart C in any lower tier covered transaction it enters into.

By signing and submitting its bid or proposal, the Bidder or proposer certifies as follows: The certification in this clause is a material representation of fact relied upon by the *County*. If it is later determined that the Bidder or proposer knowingly rendered an erroneous certification, in addition to remedies available to the *County*, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

The Bidder agrees to comply with the requirements of 49 CFR 29, Subpart C while this offer is valid and throughout the period of any contract that may arise from this offer.

The Bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

Company Name _____

Signature of Contractor’s Authorized Official _____

Printed Name of Contractor’s Authorized Official _____

Printed Title of Contractor’s Authorized Official _____

Date _____

REQUEST FOR QUOTATION

FORT RITCHIE MANHOLE MONITORING

SCOPE OF WORK

FORT RITCHIE MONITORING MANHOLE	REMARKS/EXCEPTIONS	
<p>GENERAL: The Washington County Department of Water Quality is requesting quotes to replace 66’ of sewer pipe, install one (1) 48” diameter, precast concrete manhole, and install an 8” diameter, cartridge type, flow meter with accessories as shown on Attachment 1 drawings and located at 25040 Penmar Rd, Cascade, MD 21719.</p> <p>The Contractor shall be responsible for the following:</p>		
1.	Furnish and install 48" diameter precast concrete manhole with steps installed by the supplier.	
2.	The new manhole shall have a flat slab top with an opening of 30" diameter and the contractor will be required to furnish and install new 30" frame and cover.	
3.	The County shall furnish the new eastech ACCURON 7200, cartridge type, 8” flow meter with a remotely mounted control panel installed in a NEMA 4 enclosure as shown on the drawings. The Contractor shall construct the backboard structure, install the enclosure, and complete the power and instrumentation wiring.	
4.	Contractor shall be responsible for removal and disposal of the existing 8” sewer pipe and associated debris off-site, and, installing new 8” SDR-26 pipe at the new grades and elevations shown on the drawings.	
5.	Install approximately 200 LF of 3” HDPE conduit from Sampler Building to the proposed NEMA 4 enclosure on mounting backboard as shown on the drawings. Install 3 - #12 THHN stranded wires in the conduit and connect them to a spare circuit space of ‘Panel A’ inside the Sampler Building. Contractor to supply and install a 20-amp breaker in ‘Panel A’ labeling it as ‘Metering Manhole’.	
6.	Contractor shall install 2 – 1” SDR 26 conduits from the enclosure on the backboard to inside the new manhole. Penetrations shall be watertight through the manhole wall. Power and communication cables provided with the flow meter shall be installed and connected to the data logger in the NEMA 4 enclosure.	

FORT RITCHIE MANHOLE MONITORING		REMARKS/EXCEPTIONS
7.	Contractor shall be responsible for all restoration of grass areas and pavement areas.	
8.	Contractor shall test pit all existing utilities shown in the work area.	
9.	Contractor shall verify manhole depths and invert elevations.	
10.	Construction drawings are attached.	

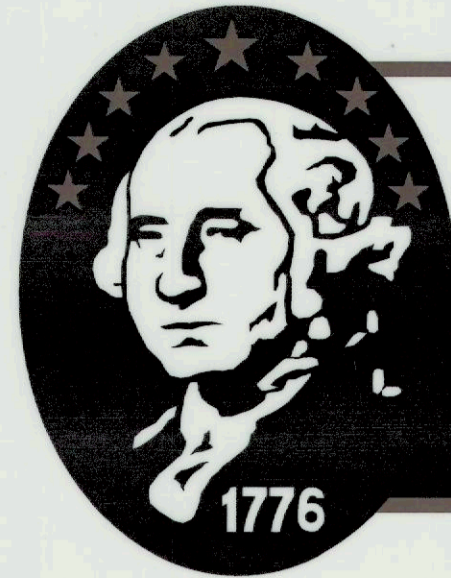
Q-22-737

FORT RITCHIE MANHOLE MONITORING

FORM OF PROPOSAL

<p>TOTAL LUMP SUM PRICE: SCOPE OF WORK DESCRIBED ABOVE</p> <p>_____ Dollars (Written)</p> <p>_____ Cents (Written)</p>	<p>\$ _____ (Figures)</p>
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REMARKS/EXCEPTIONS: (if none state NONE)



Washington County
MARYLAND

**DIVISION OF ENVIRONMENTAL MANAGEMENT
 DEPARTMENT OF ENGINEERING SERVICES**

**FORT RITCHIE
 MONITORING MANHOLE**

PROJECT NO. 090-1351

I/WE CERTIFY THAT ALL GRADING ON THIS SITE WILL BE DONE IN ACCORDANCE WITH THE CURRENT GRADING REQUIREMENTS AS SET FORTH IN THE WASHINGTON COUNTY GRADING ORDINANCE.

Mark D. Bradshaw 8-10-22
MARK D. BRADSHAW P.E. DATE:
 DIRECTOR OF DIVISION OF ENVIRONMENTAL MANAGEMENT WASHINGTON COUNTY, MD

OWNER / DEVELOPER'S CERTIFICATION

I/WE CERTIFY ALL/ANY PARTIES RESPONSIBLE FOR CLEARING, GRADING, CONSTRUCTION, AND/OR DEVELOPMENT WILL, BE DONE PURSUANT TO THIS PLAN AND RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF TRAINING AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SOIL EROSION AND SEDIMENT.

Mark D. Bradshaw 8-10-22
MARK D. BRADSHAW P.E. DATE:
 DIRECTOR OF DIVISION OF ENVIRONMENTAL MANAGEMENT WASHINGTON COUNTY, MD

APPROVED FOR CONSTRUCTION

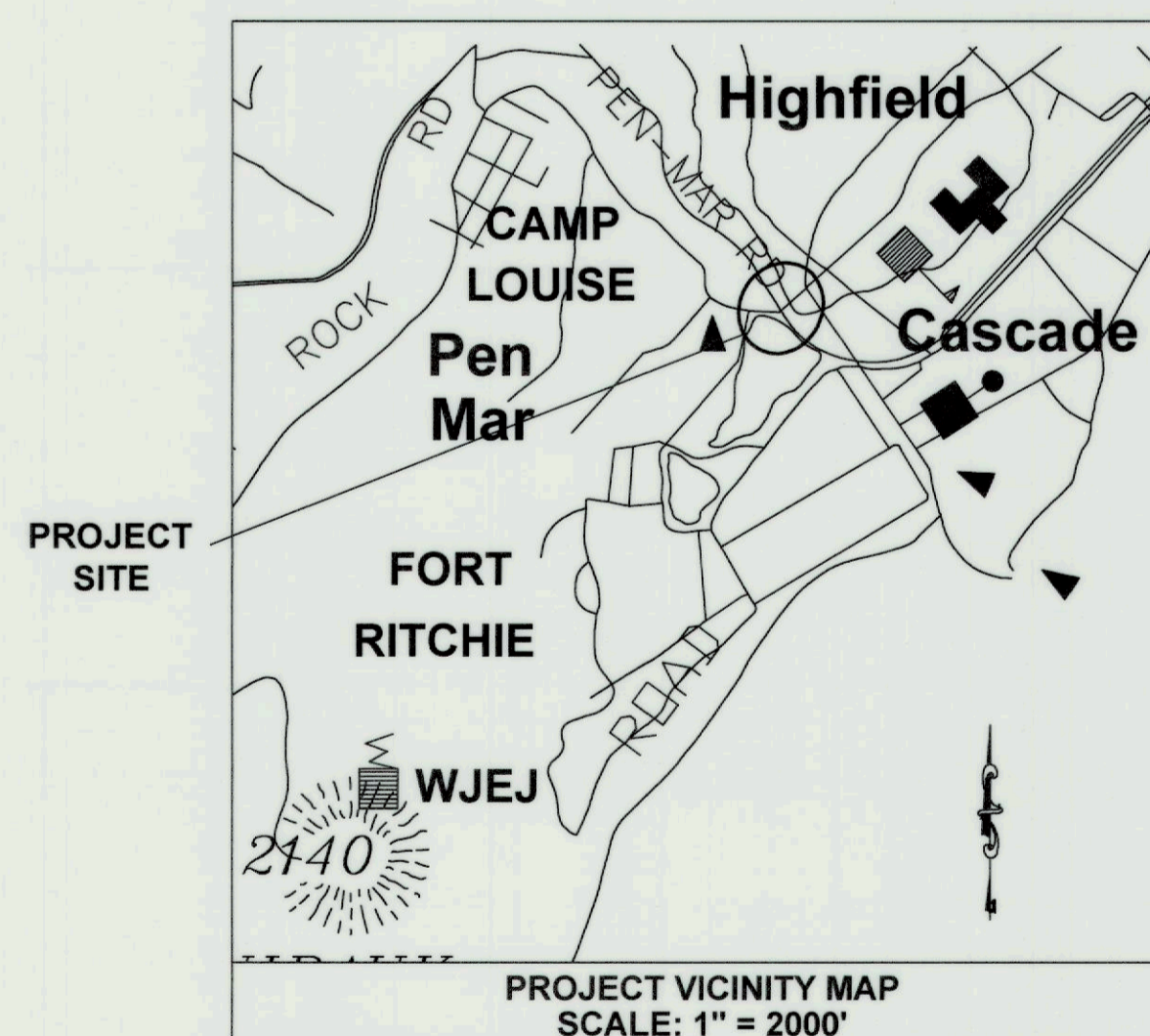
Mark D. Bradshaw 8-10-22
MARK D. BRADSHAW P.E. DATE:
 DIRECTOR OF DIVISION OF ENVIRONMENTAL MANAGEMENT WASHINGTON COUNTY, MD

ENGINEER/ARCHITECT DESIGN CERTIFICATION

I HEREBY CERTIFY THIS PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAS BEEN DESIGNED IN ACCORDANCE WITH LOCAL ORDINANCES, COMAR 26.17.01.07, AND MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

James W. Mason 21741 8-10-22
SIGNATURE REGISTRATION NUMBER DATE

"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 21,741, EXPIRATION DATE: 10/9/23."



BOARD OF COUNTY COMMISSIONERS
 JEFFERY A. CLINE, PRESIDENT
 TERRY L. BAKER, VICE PRESIDENT
 WAYNE K. KEEFER
 CHARLES A. BURKETT JR.
 RANDALL E. WAGNER

JOHN M. MARTIRANO, COUNTY ADMINISTRATOR

MARK D. BRADSHAW P.E. DIRECTOR
 DIVISION ENVIRONMENTAL MANAGEMENT

INDEX OF SHEETS

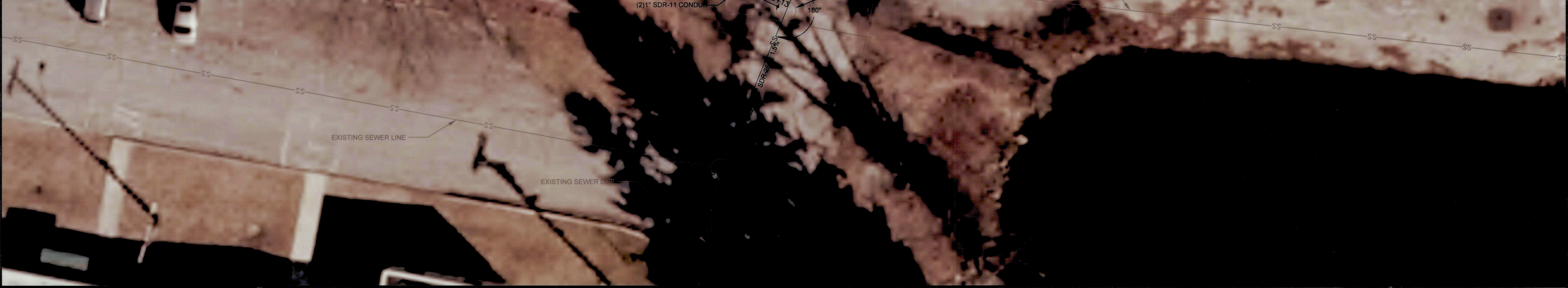
SHEET 1	TITLE PAGE
SHEET 2	MANHOLE AND GRAVITY LINES PLAN AND PROFILE
SHEET 3	3" CONDUIT PLAN AND PROFILE
SHEET 4	DETAILS

OWNER/DEVELOPER:

BOARD OF COUNTY COMMISSIONERS
 FOR WASHINGTON COUNTY, MD
 AGENT: MARK BRADSHAW, P.E.
 16232 ELLIOTT PARKWAY
 WILLIAMSPORT, MD 21795
 PHONE: 240-313-2600
 FAX: 240-313-2601

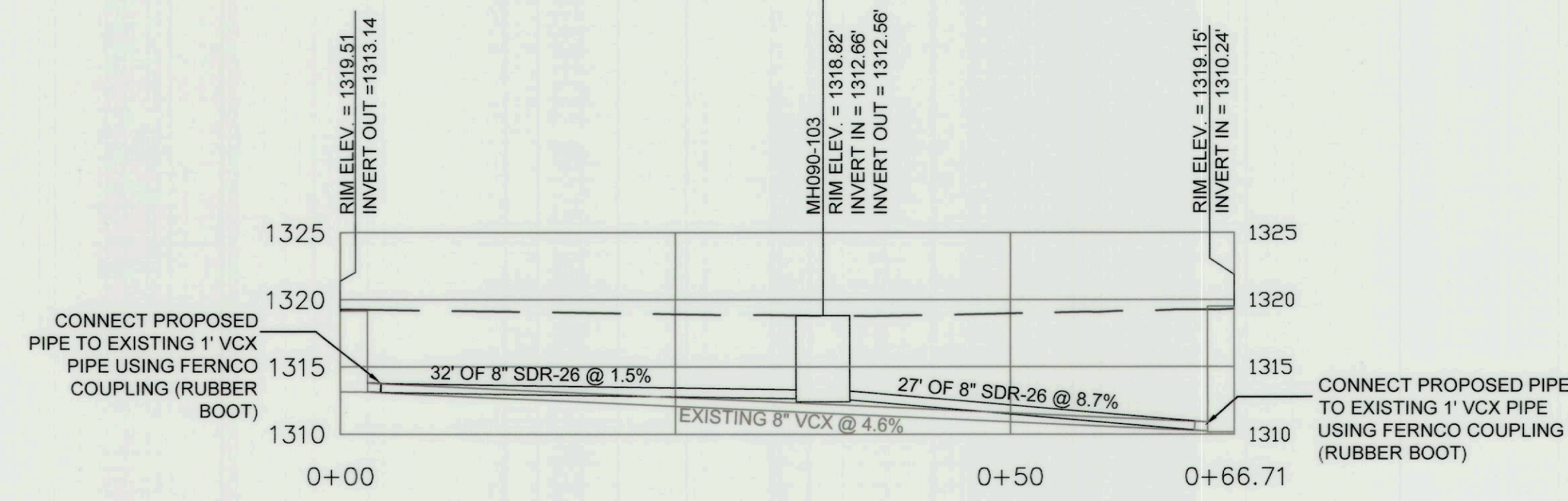
SEQUENCE OF CONSTRUCTION

1. CONTRACTOR SHALL NOTIFY MISS UTILITY 1-800-257-7777 (A MINIMUM OF 3 WORKING DAYS) PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL TEST PIT IN THE AREA OF EXISTING UTILITIES TO VERIFY SIZE, LOCATION, ELEVATION AND TYPE PRIOR TO PERFORMING ANY WORK. POTENTIAL CONFLICTS SHALL BE RESOLVED BEFORE PROCEEDING WITH WORK AND SECURE ANY UTILITIES THAT SHALL BE IN THE EXCAVATION AREA.
3. EXCAVATE AND REMOVE GRAVITY LINE. LINES ARE ACTIVE WITH MINIMUM FLOW. PLUG UPSTREAM MANHOLES. ALL LINES AND MANHOLES MUST BE INSTALLED AND THE TRENCH BACKFILLED BY END OF WORK DAY AND PLACED BACK INTO SERVICE. BACKFILL ENTIRE TRENCH WITH DCR.
4. INSTALL PROPOSED GRAVITY LINES, MANHOLES, FLOW METER AND PANEL BOARD.
5. PRIOR TO BORING UNDER THE ROAD THE CONTRACTOR SHALL CONTACT AT&T 72 HOURS IN ADVANCE AT 765-299-3199. STANDARD PRACTICES FOR BORING ACROSS THIS LINE INCLUDE A PIT 4 FEET BEFORE, AT, AND 4 FEET AFTER THE FIBER LOCATION WHERE YOU ARE CROSSING. THE PITS NEED TO BE LARGE ENOUGH TO SEE THE BORE HEAD ENTER AND EXIT, AND AT LEAST 1 FOOT DEEPER THAN YOUR PLANNED DEPTH.
6. BORE PROPOSED 3" SDR-11 UNDER ROAD WAY, PULL 3-#12 THHN STRANDED WIRE THROUGH SDR-11 AND TIE INTO METER BOX AND MANHOLE. CONNECT ELECTRIC LINE TO THE PANEL BOX LOCATED IN THE SAMPLER BUILDING AND CONNECT TO THE CONTROL PANEL LOCATED ON THE PANEL BOARD. CONNECT FLOW METER LOCATED INSIDE OF MANHOLE TO THE CONTROL PANEL LOCATED ON THE PANEL BOARD.
7. REPAIR ANY ASPHALT PAVEMENT DISTURBED DURING CONSTRUCTION INCLUDING ANY DAMAGED BY THE CONTRACTOR.



GENERAL CONSTRUCTION NOTES

1. NO ENVIRONMENTAL STUDIES HAVE BEEN CONDUCTED BY DEPARTMENT OF ENGINEERING SERVICES TO DETERMINE THE EXISTENCE OR LOCATION OF GROUND WATER, ROCK OR OTHER NATURAL OR MAN-MADE FEATURES, EXCEPT AS SPECIFICALLY INDICATED. ALL EXCAVATION SHALL BE UNCLASSIFIED MATERIAL.
2. THE CONTRACTOR SHALL NOTIFY THE APPLICABLE MUNICIPAL, COUNTY AND/OR STATE AUTHORITIES AT LEAST 48 HOURS BEFORE BEGINNING ANY WORK WITHIN PUBLIC RIGHT(S) OF WAY.
3. THE CONTRACTOR SHALL VERIFY ALL SURFACE AND SUBSURFACE CONDITIONS (LOCATIONS AND ELEVATIONS) PRIOR TO BIDDING AND START OF CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER AND/OR ENGINEER BEFORE PROCEEDING IF THEY AFFECT THE DESIGN FEASIBILITY OF THIS PROJECT. ANY DAMAGE TO FACILITIES, STRUCTURES, PAVEMENT OR OTHER MAN-MADE ITEMS ON OR ADJACENT TO THE SITE OR NOT SPECIFICALLY INDICATED FOR THE DEMOLITION SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE OWNER.
4. THERE SHALL BE NO SPOILS STORED ON SIGHT AT ANYTIME, ALL SPOILS SHALL BE HAULED OFF AND DISPOSE OF DAILY AT AN APPROVE SITE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR COMPLYING WITH ALL APPLICABLE LEGAL AND REGULATORY REQUIREMENTS. CONTRACTOR SHALL OBTAIN ANY BONDS REQUIRED BY COUNTY/STATE FOR WORK WITHIN COUNTY/STATE RIGHT(S)-OF-WAY.
6. TEMPORARY EROSION CONTROL MEASURES WILL BE USED TO CORRECT CONDITIONS THAT DEVELOP DURING CONSTRUCTION THAT ARE UNFORSEEN DURING THE DESIGN STAGE OR THAT ARE NEEDED TO TEMPORARILY CONTROL EROSION THAT DEVELOPS DURING NORMAL CONSTRUCTION PRACTICES.
7. JOB SITE SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. EXISTING UTILITIES SHOWN HEREON ARE FOR INFORMATIONAL PURPOSES ONLY. EXACT LOCATIONS SHALL BE TEST PITTED AND DETERMINED IN THE FIELD BEFORE BEGINNING CONSTRUCTION.
9. NO TITLE REPORT HAS BEEN CONDUCTED. PROPERTY LINE INFORMATION HAS BEEN TAKEN FROM DEED(S) OF RECORD AND NOT FIELD VERIFIED.
10. THE SOILS ON THE PROJECT PER THE USDA SOIL SURVEY OF WASHINGTON COUNTY IS SHOWN AS " KARST LANDSCAPE" DUE TO THIS, THIS AREA HAS A POTENTIAL FOR SINKHOLES.
11. CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSAL OF ALL EXISTING PIPES.

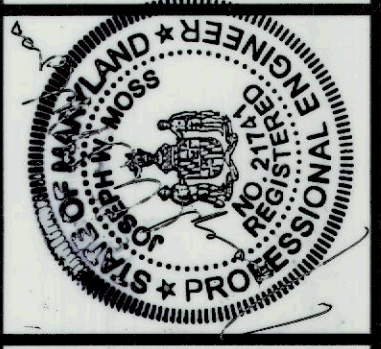


ITEM	QUANTITY
48" MANHOLE WITH 30" FRAME AND COVER	1 EA
8" SDR-26	58 FT
PAVEMENT REPAIR	66 FT
INSTALLING FLOW METER IN MANHOLE	1 EA
FERNCO COULPING	2 EA

ENGINEER	JUN
DESIGNED BY	AMM
DRAWN BY	AMM
CHECKED BY	WDS
DATE	6/2/2022

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

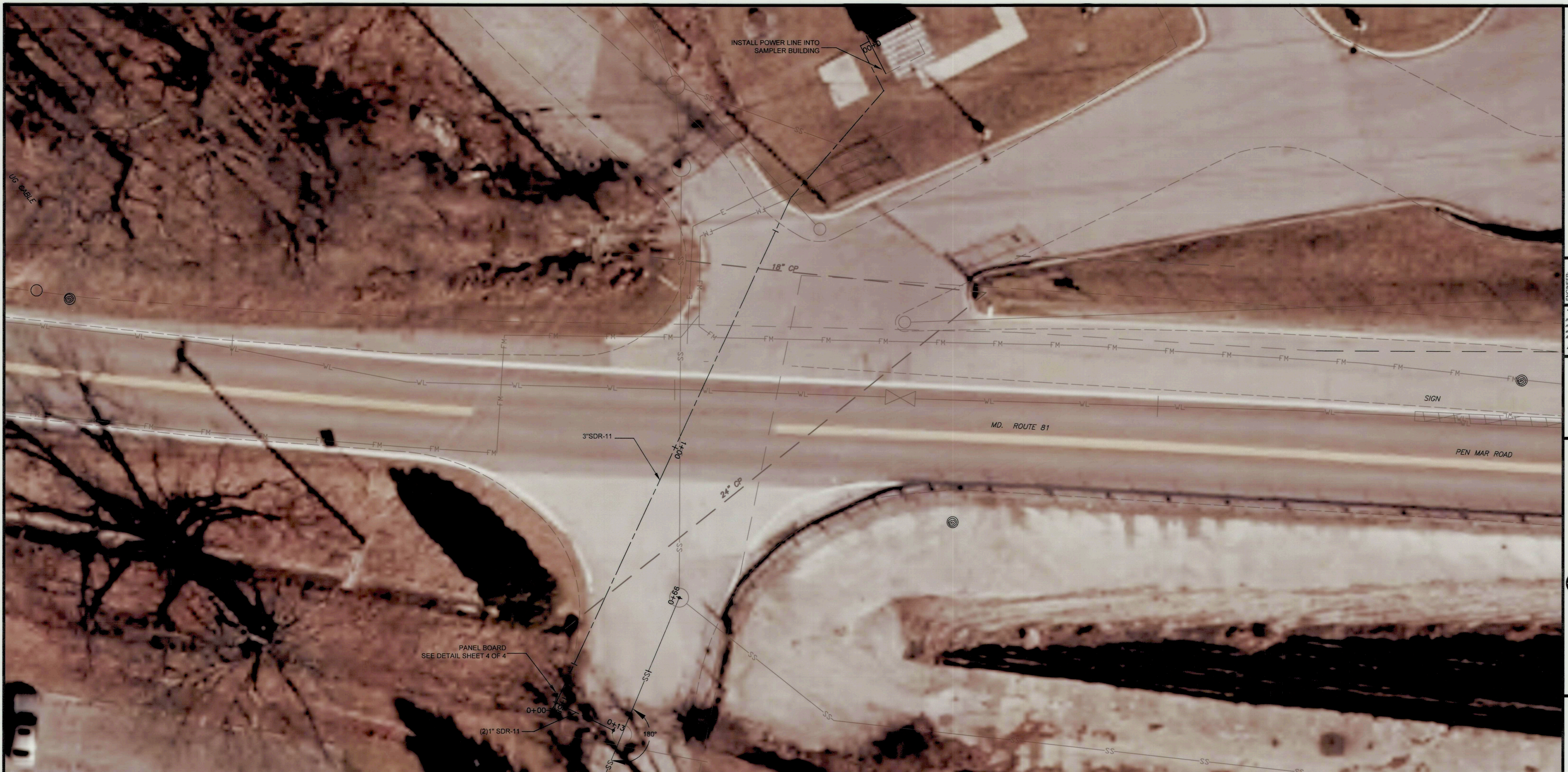
License No. 21741, Expiration Date: 10/9/23



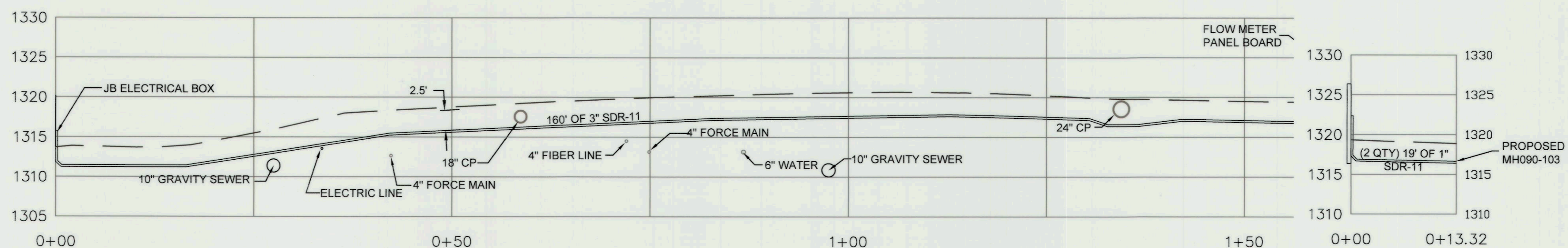
Washington County
MARYLAND
 DIVISION OF ENVIRONMENTAL MANAGEMENT
 DEPARTMENT OF ENGINEERING SERVICES
 16232 ELLIOTT PARKWAY
 WILLIAMSPORT, MD 21795
 240-313-2600 Fax 240-313-2601

**FORT RITCHIE
 MONITORING MANHOLE
 MANHOLE AND GRAVITY LINE
 PLAN AND PROFILE**

SCALE	1"=10'
SHEET NO.	2 OF 4
PROJECT NO.	090-1351



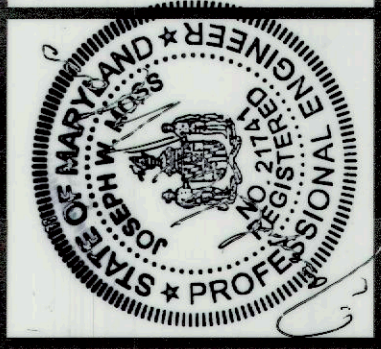
- NOTE:**
1. ALL UTILITIES LOCATIONS ARE ESTIMATED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION FOR ALL UTILITIES.
 2. CONTRACTOR IS RESPONSIBLE TO PULL THE ELECTRICAL WIRING, PROVIDING BREAKER AND ANYTHING ELSE NEEDED TO INSTALL THE FLOW METER AND CONTROL PANEL AT THE SAMPLER BUILDING, PANEL BOARD AND PROPOSED MANHOLE.
 3. CONTRACTOR IS RESPONSIBLE TO CORE INTO THE SIDE OF MANHOLE TO INSERT SDR-11 CONDUIT WITH LINK SEAL AT A MINIMUM OF 2' DEPTH.
 4. THE COUNTY WILL PROVIDE THE FLOW METER, CONTROL BOARD AND NEMI 4 BOX.
 5. CONTRACTOR SHALL INSTALL 2 EXTRA PULL ROPES INTO THE 3" SDR-11.



ITEM	QUANTITY
3" SDR-11 CONDUIT BORING	160 FT
#12 THHN STRANDED WIRE	480 FT
1" SDR-11 CONDUIT	38 FT
6"x6"x10' TREATED LUMBER	2 EA
4"x4' 3/4" PLYWOOD	1 EA
INSTALLING CONTROL BOARD ON PANEL BOARD	1 EA
ROOFING BUILDING MATERIAL	1 EA

ENGINEER:	JWM
DESIGNED BY:	AWM
DRAWN BY:	AWM
CHECKED BY:	MDB
DATE:	6/20/21

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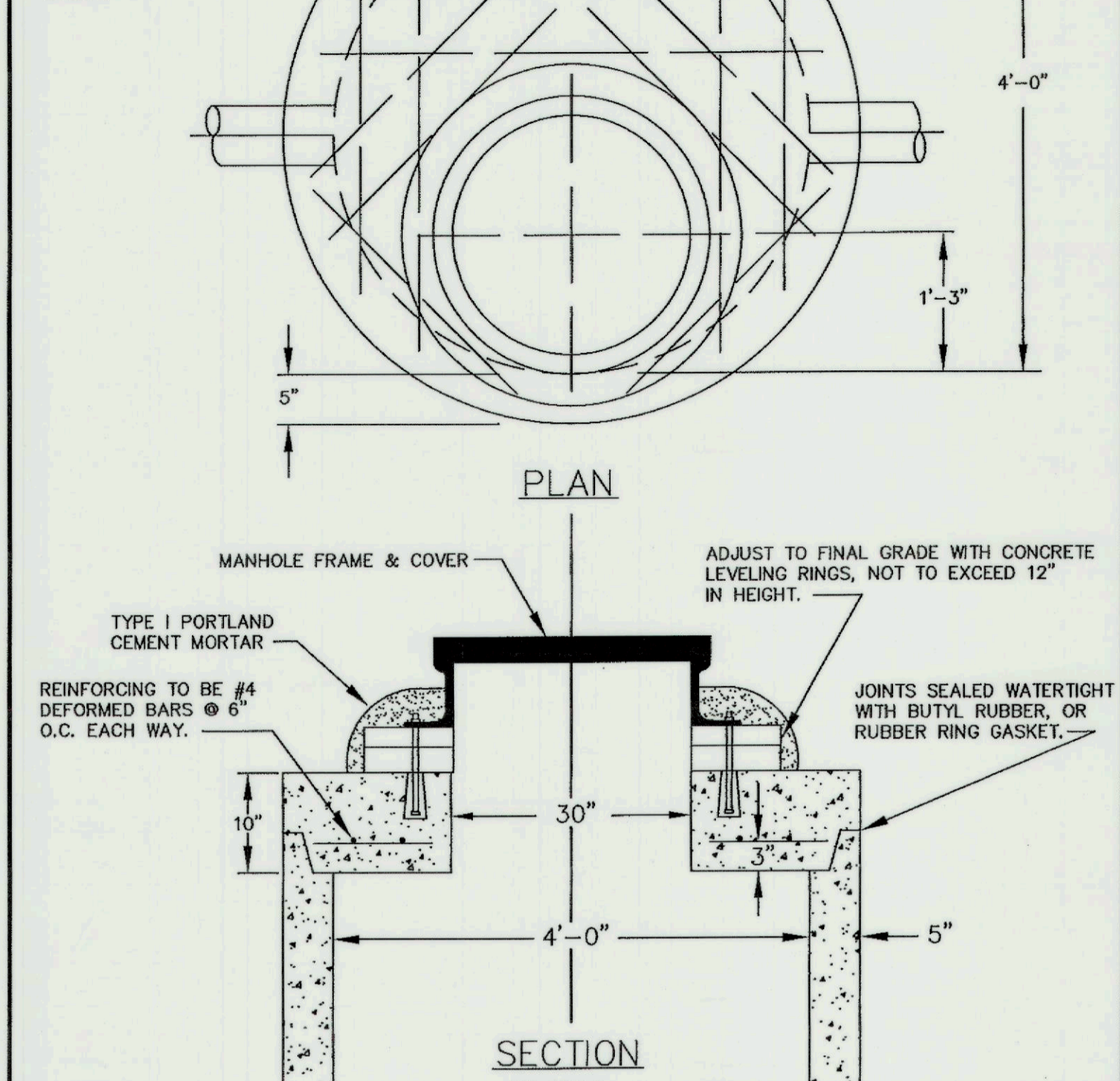


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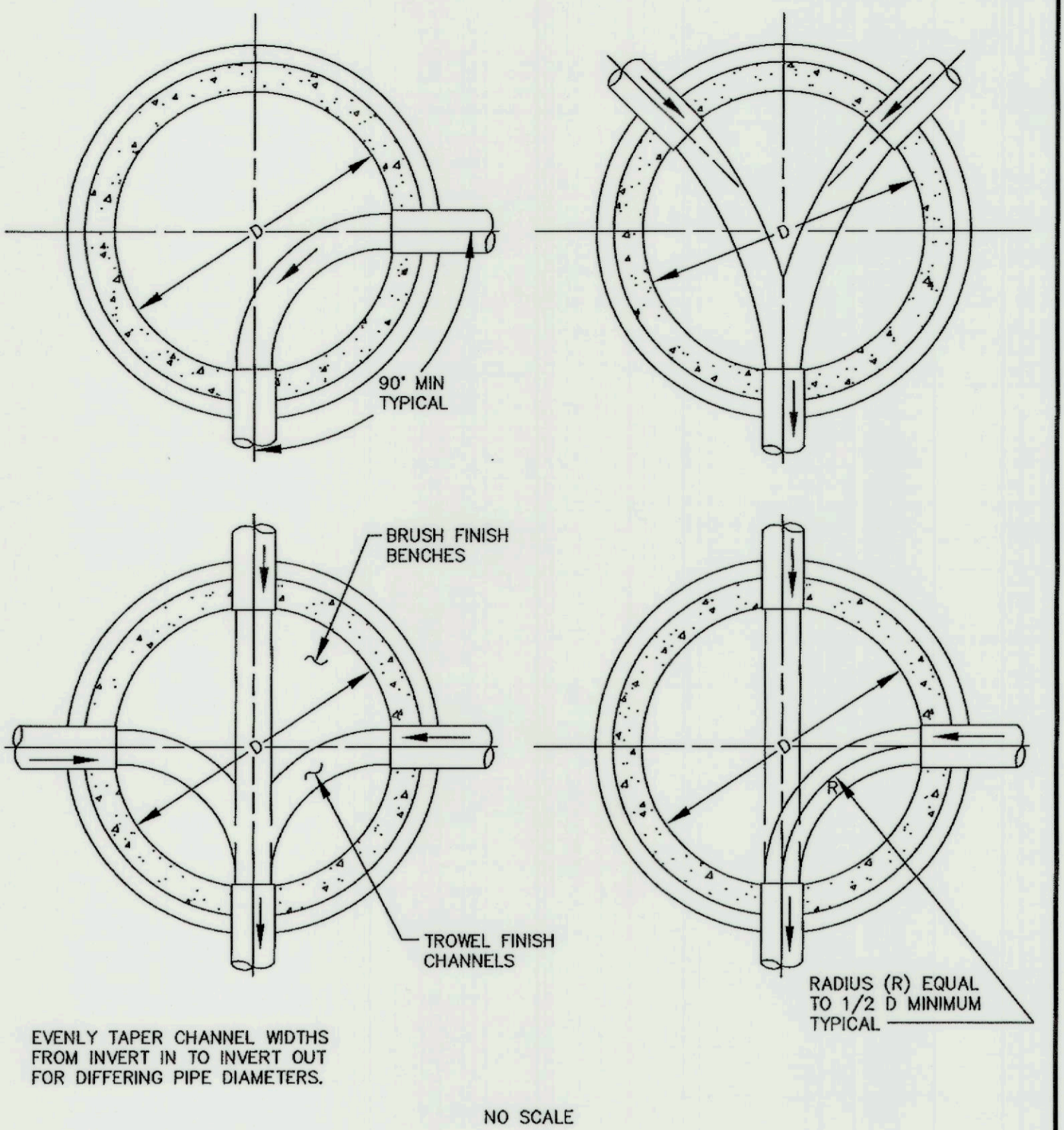
**FORT RITCHIE
 MONITORING MANHOLE
 CONDUIT
 PLAN AND PROFILE**

SCALE	1"=10'
SHEET NO.	3 OF 4
PROJECT NO.	090-1351

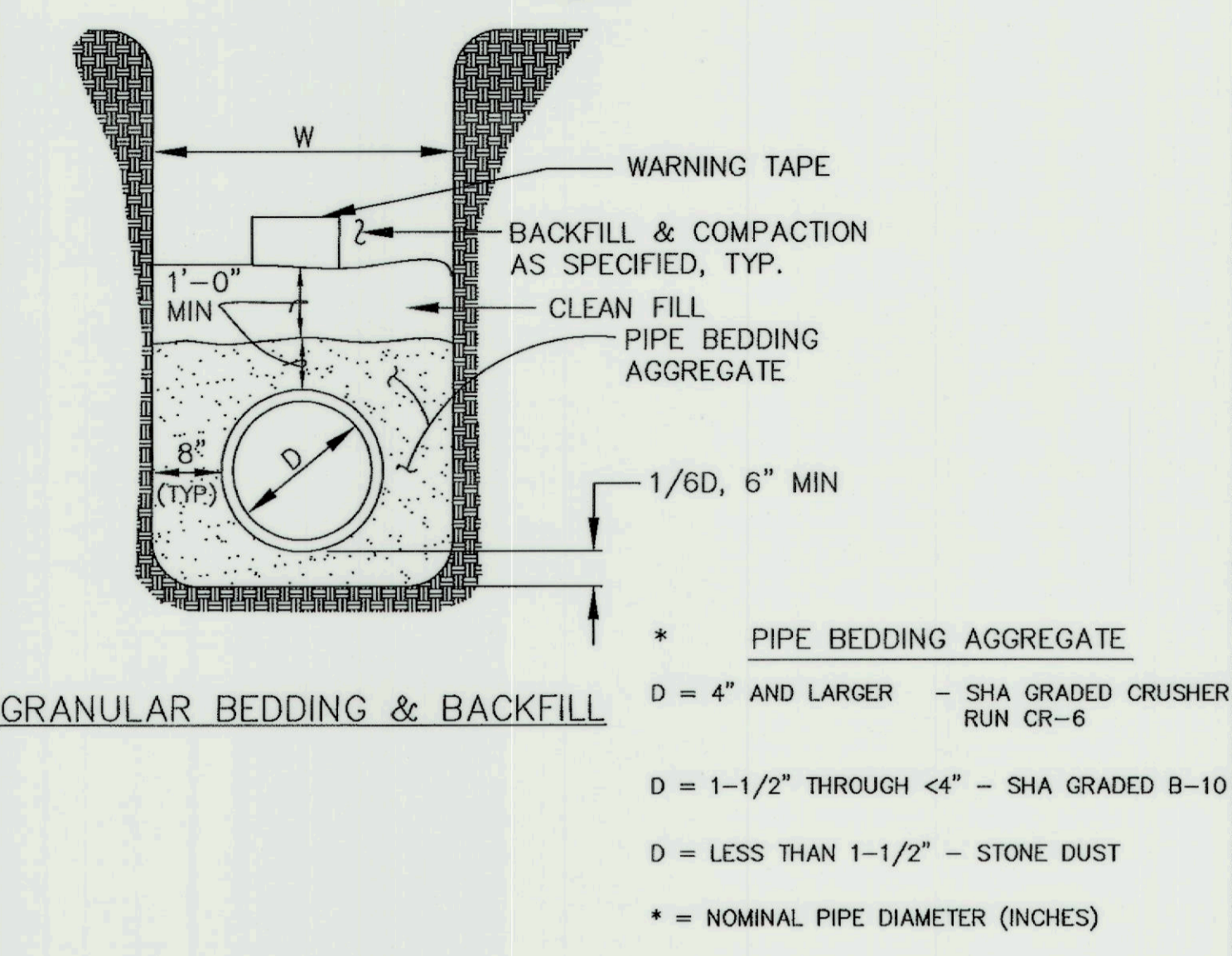
- NOTES:
 1. MANHOLE FRAME & COVER SHALL BE PLACED AS SHOWN.
 2. PRECAST MANHOLE SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C 478 UTILIZING TYPE II PORTLAND CEMENT.
 3. MANHOLE FRAME & COVER SHALL BE CAPABLE OF SUPPORTING A H2O LOADING.
 4. CONTRACTOR IS RESPONSIBLE FOR INSTALLING MANHOLE STEPS



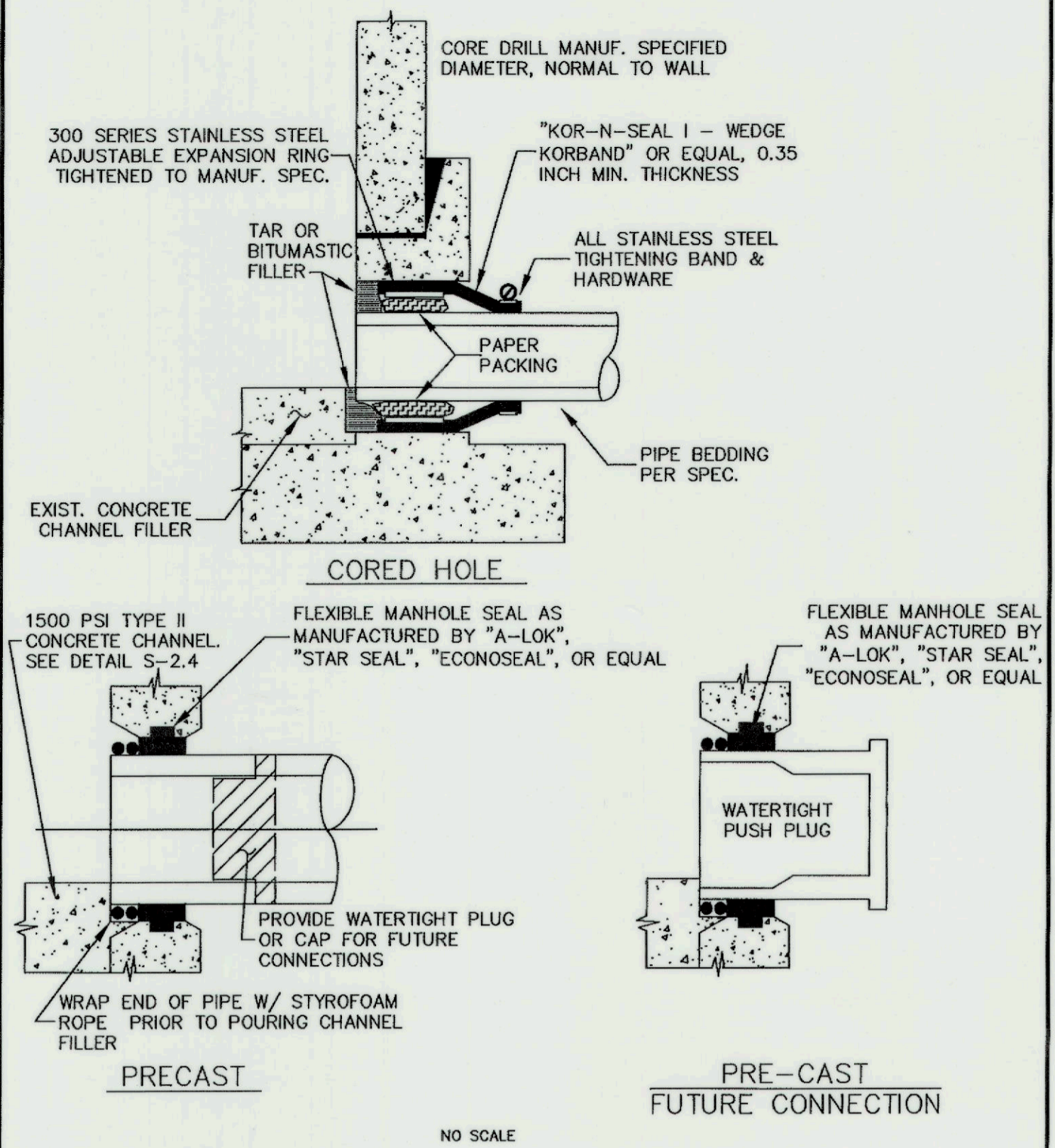
REVISIONS	Washington County, MD Div. of Environmental Management	Flat Top Manhole Section Precast Manhole	Detail
REVISIONS	Approved: <i>J. P. Pappas</i> Director of Environmental Management		SW-2.2



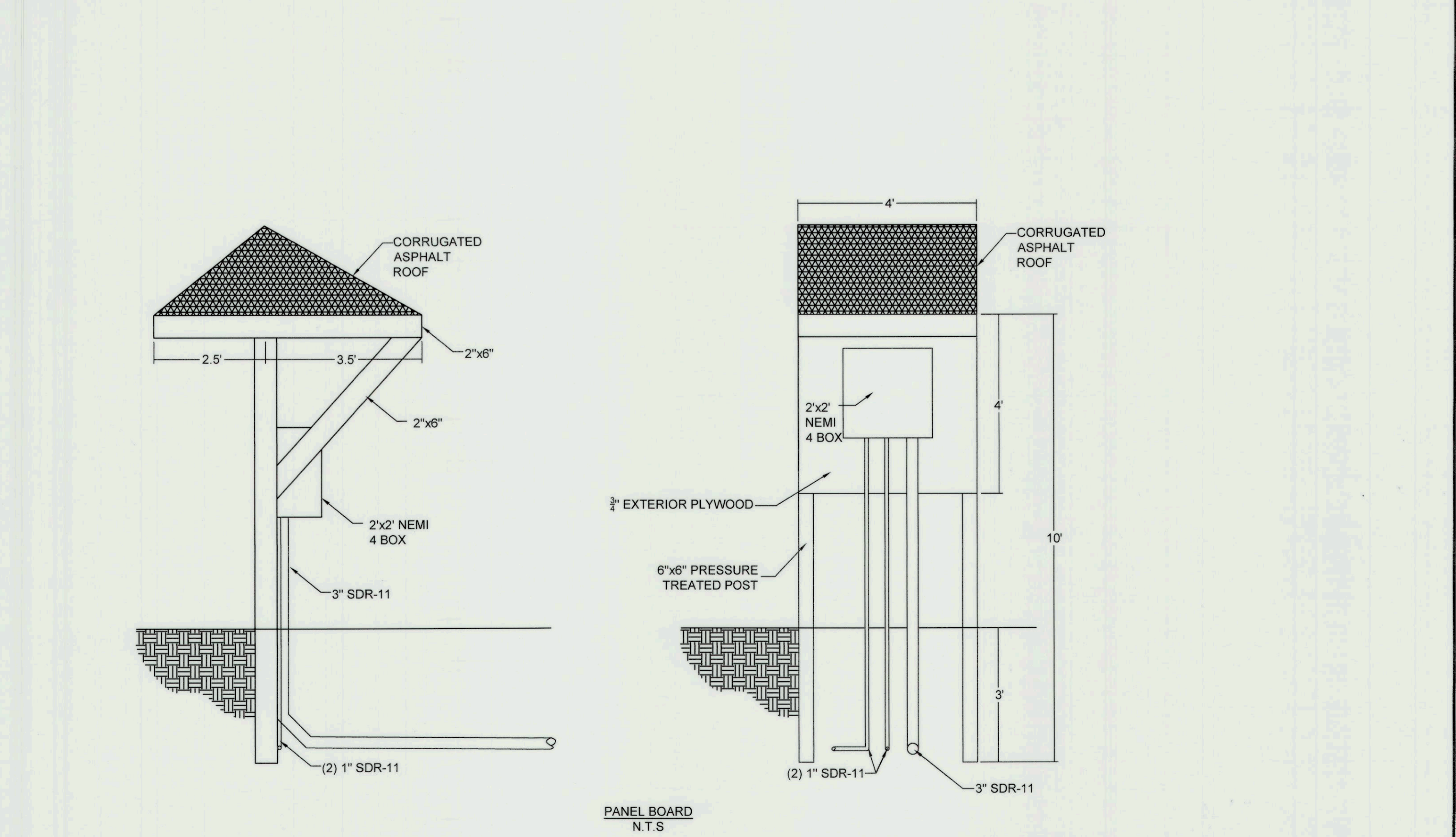
REVISIONS	Washington County, MD Div. of Environmental Management	Plans of Flow Channels (Typical)	Detail
REVISIONS	Approved: <i>J. P. Pappas</i> Director of Environmental Management		S-2.5



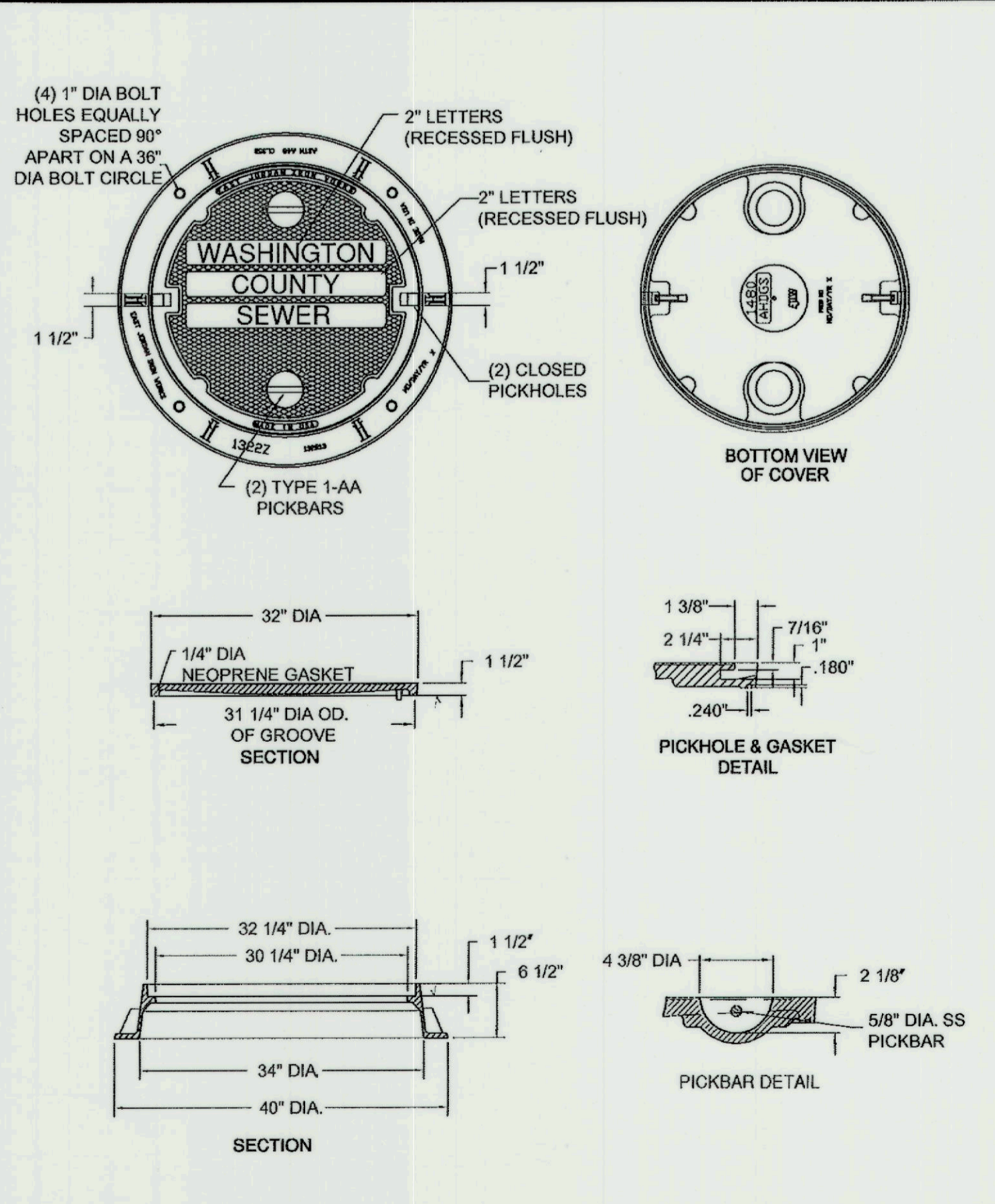
REVISIONS	Washington County, MD Div. of Environmental Management	STANDARD TRENCH WIDTH & STONE BEDDING	Detail
REVISIONS	Approved: <i>J. P. Pappas</i> Director of Environmental Management		SW-1.1



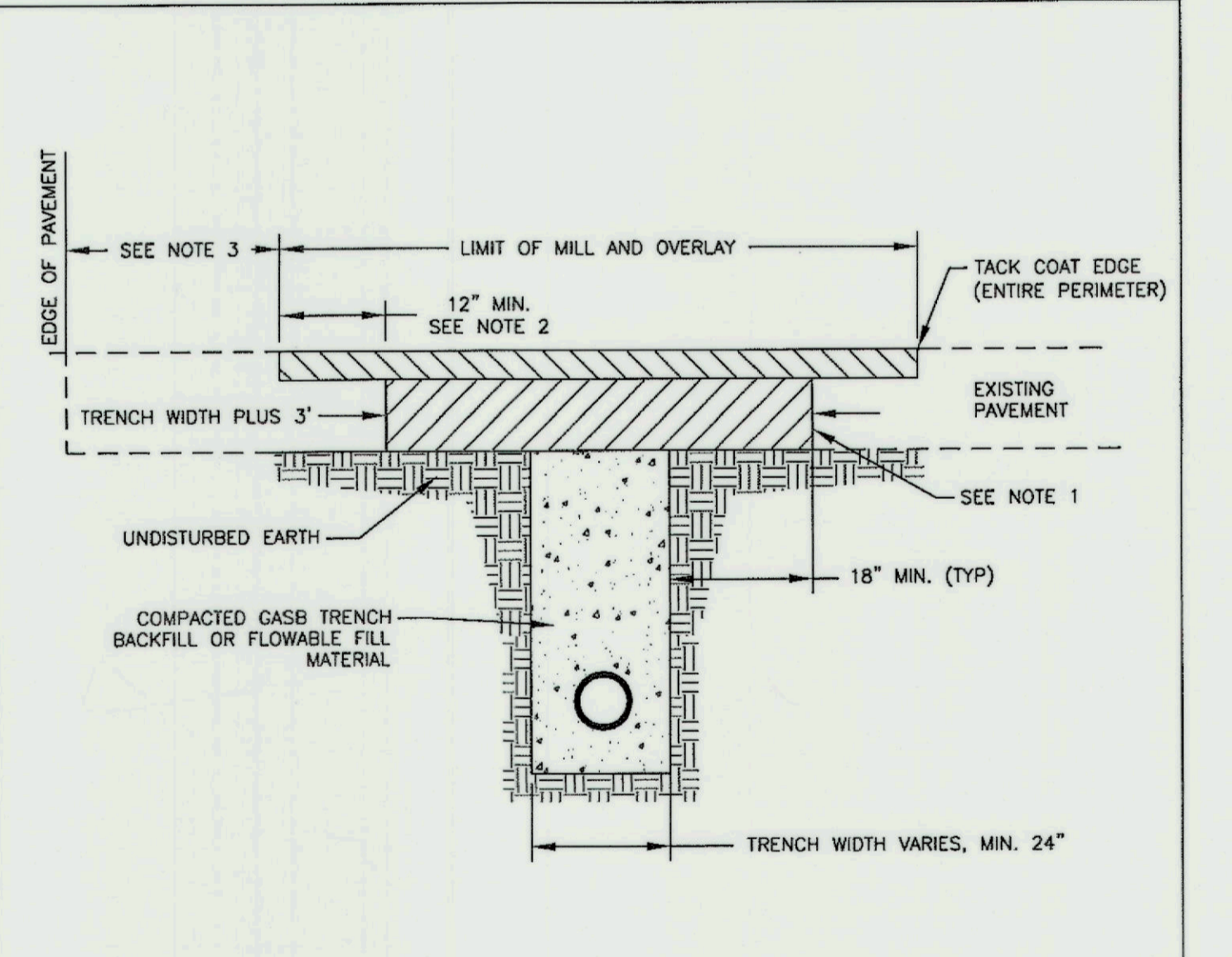
REVISIONS	Washington County, MD Div. of Environmental Management	Manhole Pipe Connections	Detail
REVISIONS	Approved: <i>J. P. Pappas</i> Director of Environmental Management		SW-2.10



REVISIONS	Washington County, MD Div. of Environmental Management	Standard Manhole Frame & Cover	Detail
REVISIONS	Approved: <i>J. P. Pappas</i> Director of Environmental Management		SW-2.6



REVISIONS	Washington County, MD Div. of Environmental Management	Standard Manhole Frame & Cover	Detail
REVISIONS	Approved: <i>J. P. Pappas</i> Director of Environmental Management		SW-2.6



- Existing pavement shall be milled or saw cut full depth where the limits of mill and overlay meet existing pavement.
- For longitudinal and transverse cuts, the limits of the perimeter mill and overlay shall extend a minimum of 12" beyond the full depth patch boundary.
- When the distance of existing pavement to the edge of new asphalt base is 3 feet or less, the existing pavement shall be removed and replaced to the edge of existing pavement.
- For longitudinal trenches, when the width of the limit of mill and overlay exceeds 50% of the total roadway width, the limit of mill and overlay shall be widened to the full width of the road, edge of pavement to edge of pavement.
- All milling shall be a minimum of 2" in depth.
- Hot mix asphalt (HMA) surface shall be placed to a depth equal to the depth of existing surface or 2" minimum, whichever is greater. HMA base shall be a depth equal to the depth of existing base or 6", whichever is greater. All HMA shall be compacted to an in-place density of 92 to 97 percent of the maximum specific gravity.
- Trench backfill beneath the pavement layer shall be compacted graded aggregate subsbase (GASB) to 95 percent of the maximum dry density per AASHTO T-99. Prior and during compaction, moisture of fill material shall be maintained within 2% of optimum. The fill shall be placed and compacted in horizontal layers not to exceed 8" in thickness (loose). GASB shall conform to the requirements of the latest edition of MD SHA Standards and Specifications for Construction and Materials. Flowable fill material may also be used when the depth of fill is < 3 feet and advanced approval is obtained by the Division of Public Works.
- All compaction work shall be performed using equipment such as sheepfoot rollers or pneumatic and/or vibratory plate type compaction equipment. Backfill material shall be placed evenly structures and shall be free of boulders, frozen lumps or foreign/organic matter that could cause hard spots or decompose creating voids.
- Where cave-ins under existing asphalt pavement occur, the existing pavement shall be saw-cut 18" beyond the limit of the cave-in. The requirements of note 3 shall be enforced as the trench boundary expands.
- The Division of Public Works may require an independent testing lab to confirm compaction performance.

REVISIONS	Washington County, MD Division of Public Works	UTILITY PATCH IN FLEXIBLE ASPHALT PAVEMENT	Detail
REVISIONS	Approved: <i>J. P. Pappas</i> Director of Public Works		UP-1.01

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 License No. 21741 Expiration Date: 10/9/23

ENGINEER: J. P. Pappas
 DESIGNED BY: J. P. Pappas
 DRAWN BY: J. P. Pappas
 CHECKED BY: J. P. Pappas
 DATE: 5/20/22

SCALE: N.T.S.
 SHEET NO. 4 OF 4
 PROJECT NO. 090-1351