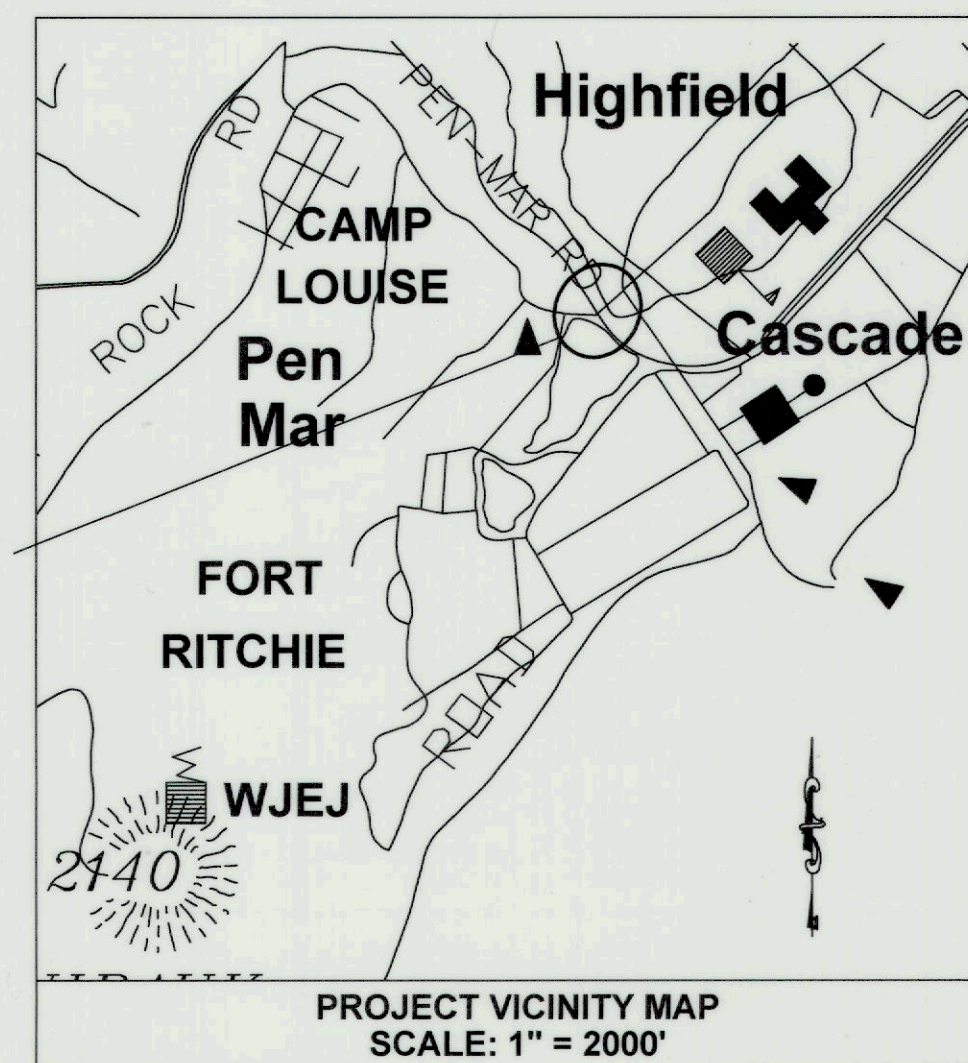


Washington County  
**M A R Y L A N D**

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

**WINEBRENNER WWTP  
 SEWER LINE RELOCATION**

**PROJECT NO. 090-1355**



**BOARD OF COUNTY COMMISSIONERS**  
 JOHN F. BARR, PRESIDENT  
 JEFFERY A. CLINE, VICE PRESIDENT  
 WAYNE K. KEEFER  
 DEREK HARVEY  
 RANDALL E. WAGNER

JOHN M. MARTIRANO, COUNTY ADMINISTRATOR

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

**DISTURBED AREA QUANTITY**

THE TOTAL AREA TO BE DISTURBED SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE APPROXIMATELY .1 ACRES AND THE TOTAL AMOUNT OF EXCAVATION AND FILL SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE APPROXIMATELY 0 CU. YDS. OF EXCAVATION AND APPROXIMATELY 0 CU. YDS. OF FILL.

**INDEX OF SHEETS**

SHEET 1	TITLE PAGE
SHEET 2	OVERALL VIEW
SHEET 3	PLAN AND PROFILE DETAILS
SHEET 3	DETAILS

ZONING	EC
TAX MAP/PARCEL	28/0162
ELECTION DISTRICT	14
ADDRESS	25036 Pen Mar Road Cascade, MD 21719

**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

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* 5-19-23 DATE:  
 MARK D. BRADSHAW P.E. 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* 5-19-23 DATE:  
 MARK D. BRADSHAW P.E. DIRECTOR OF DIVISION OF ENVIRONMENTAL MANAGEMENT WASHINGTON COUNTY, MD

**APPROVED FOR CONSTRUCTION**

*Mark D. Bradshaw* 5-19-23 DATE:  
 MARK D. BRADSHAW P.E. 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.

*Joseph W. Moore* 21741 5-11-23 DATE:  
 SIGNATURE REGISTRATION NUMBER

\*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.\*





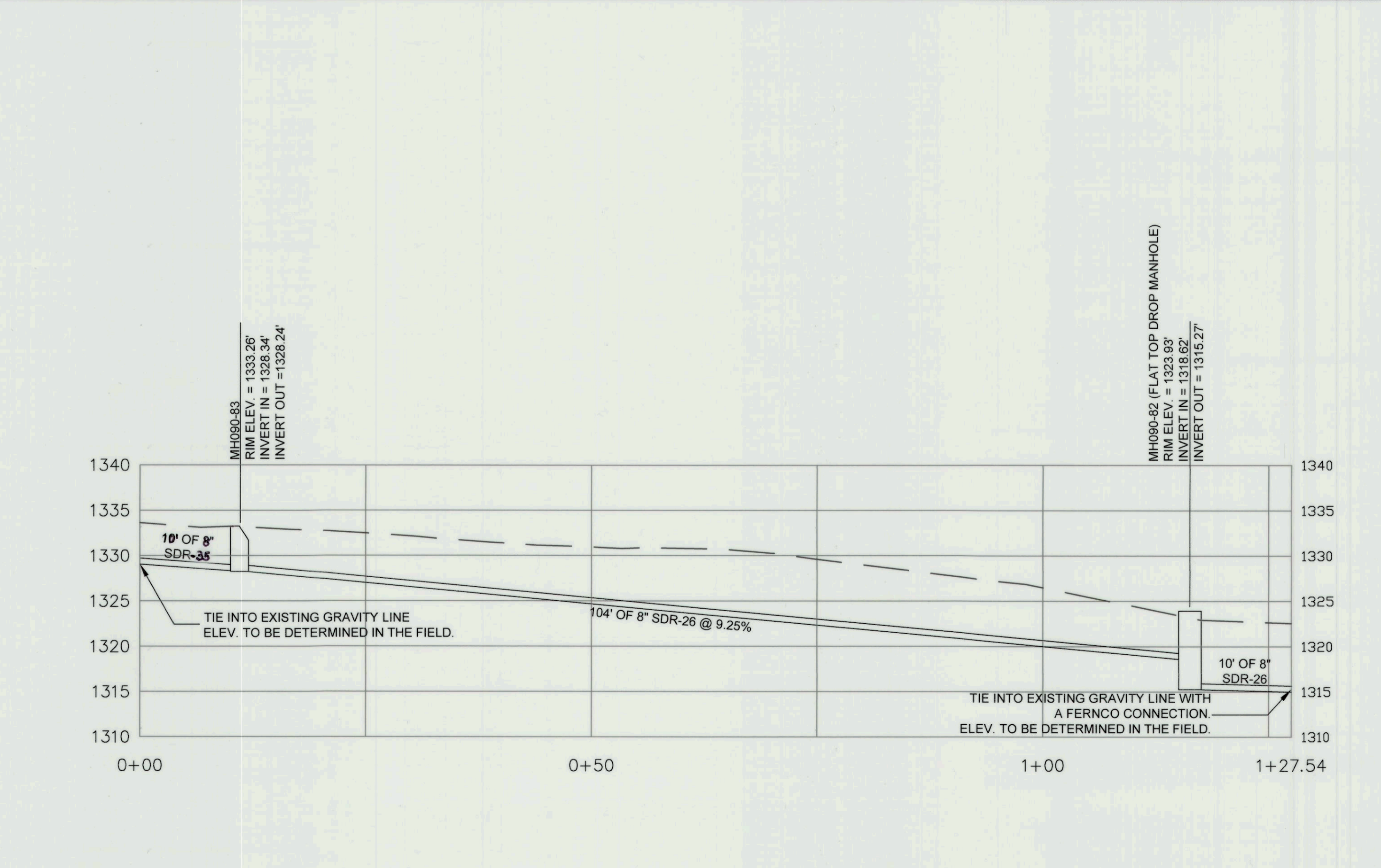
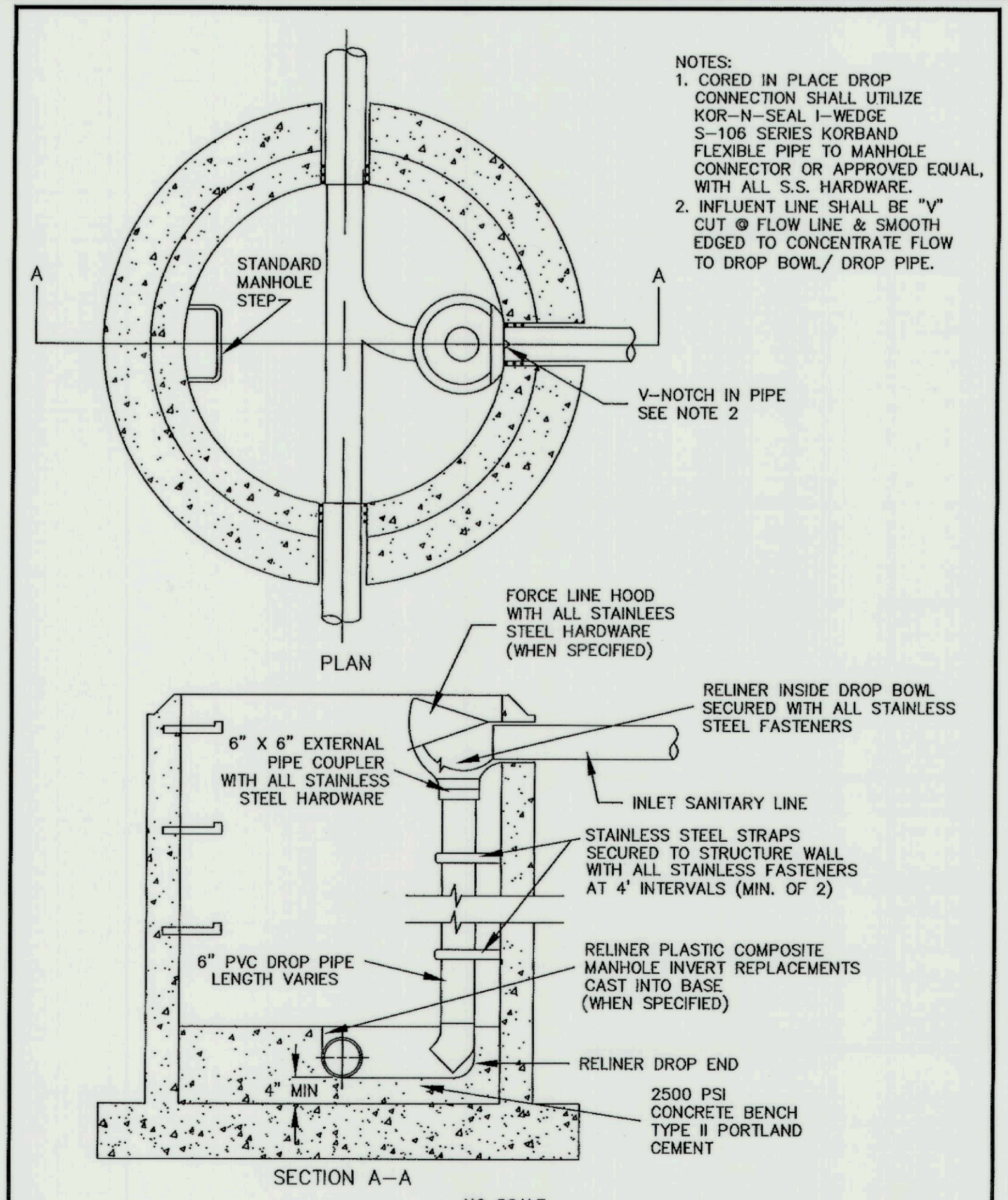
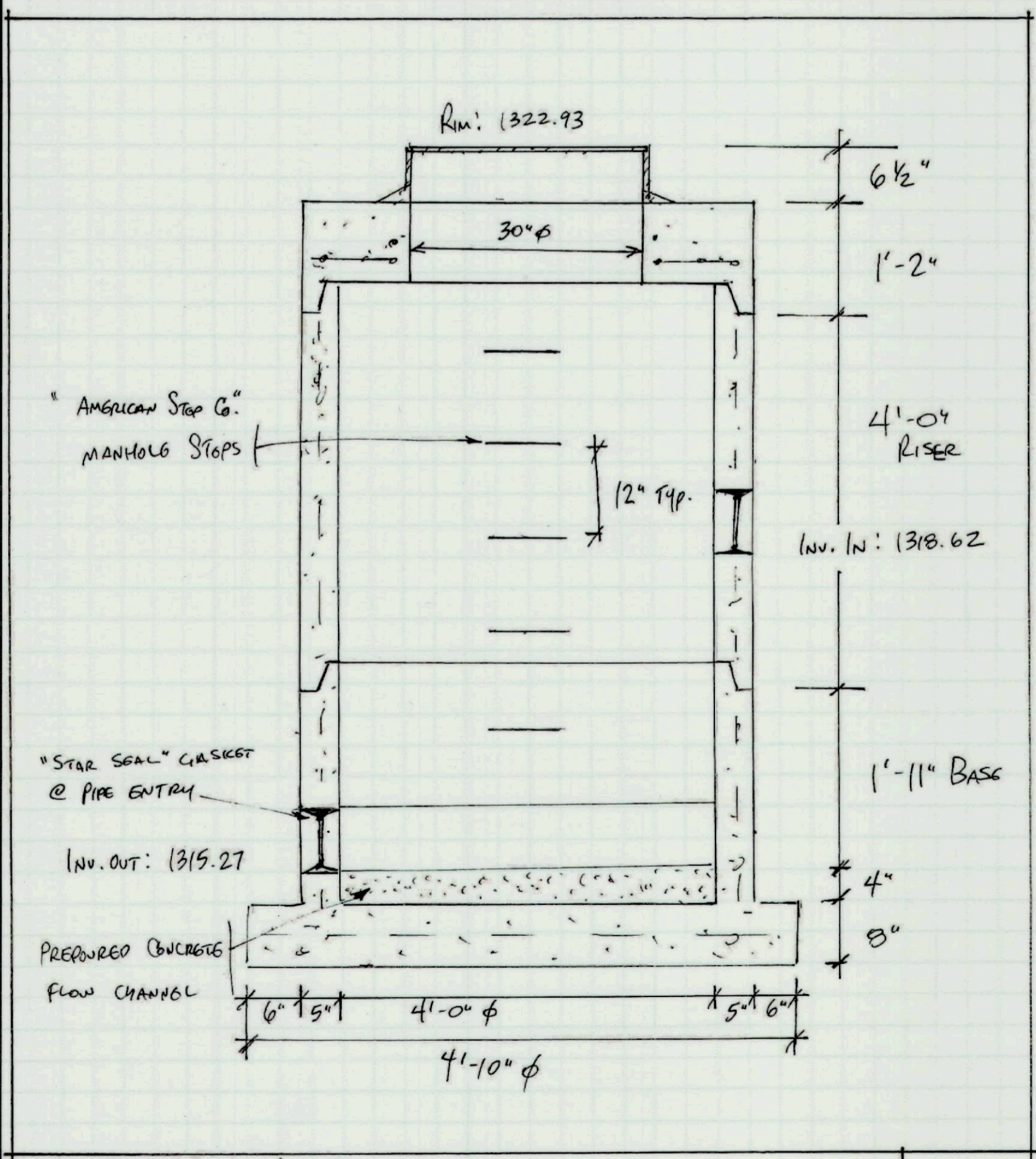
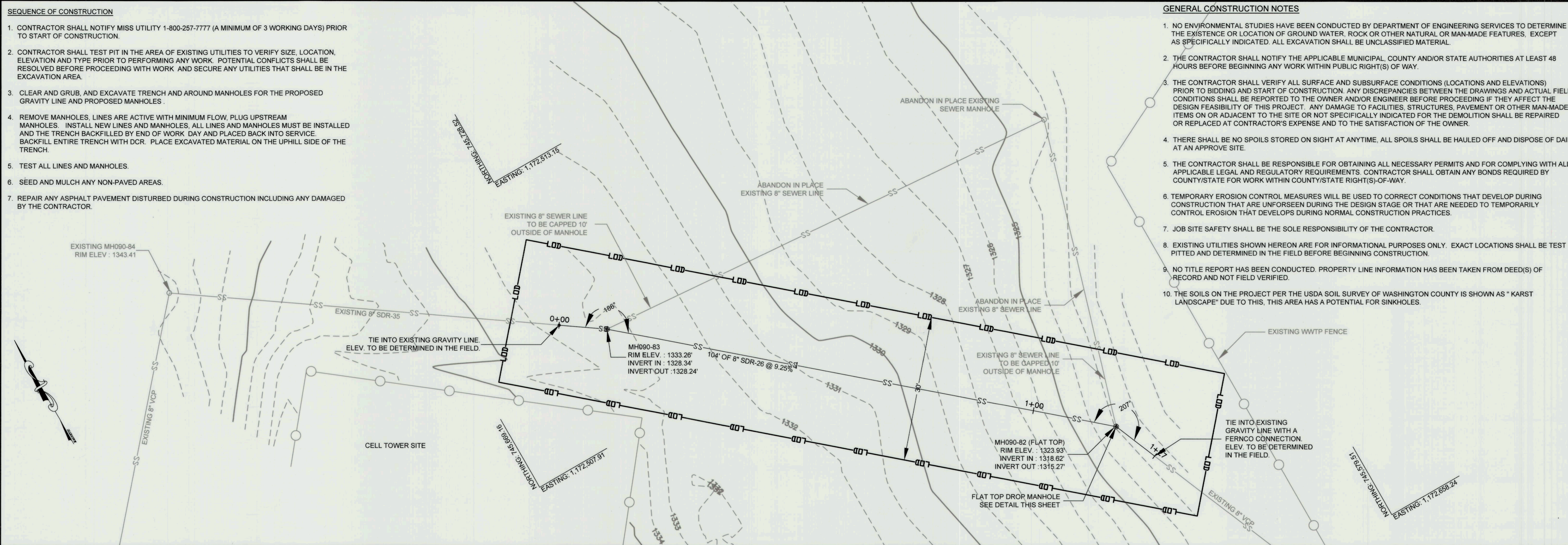


SEQUENCE OF CONSTRUCTION

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. CLEAR AND GRUB, AND EXCAVATE TRENCH AND AROUND MANHOLES FOR THE PROPOSED GRAVITY LINE AND PROPOSED MANHOLES.
4. REMOVE MANHOLES, LINES ARE ACTIVE WITH MINIMUM FLOW, PLUG UPSTREAM MANHOLES. INSTALL NEW LINES AND 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. PLACE EXCAVATED MATERIAL ON THE UPHILL SIDE OF THE TRENCH.
5. TEST ALL LINES AND MANHOLES.
6. SEED AND MULCH ANY NON-PAVED AREAS.
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.



C.R. Semler, Inc.  
11654 Mapleville Road  
Smithsburg, MD 21783  
(301) 824-2780  
(301) 416-0414

WASHINGTON COUNTY  
PRECAST CONCRETE SANITARY SEWER  
FLAT TOP MANHOLE W/ DROP CONNECTION

4-20-23  
NO SCALE

Washington County, MD Div of Environmental Management  
Approved: *Julie A. Poppe*  
Director of Environmental Management

Reliner Inside Drop Installation  
With Manhole Details

Detail  
S-2.12

DATE	
REV	BY
DESIGNED BY	AWM
DRAWN BY	AWM
CHECKED BY	JWM
DATE	4/7/2023

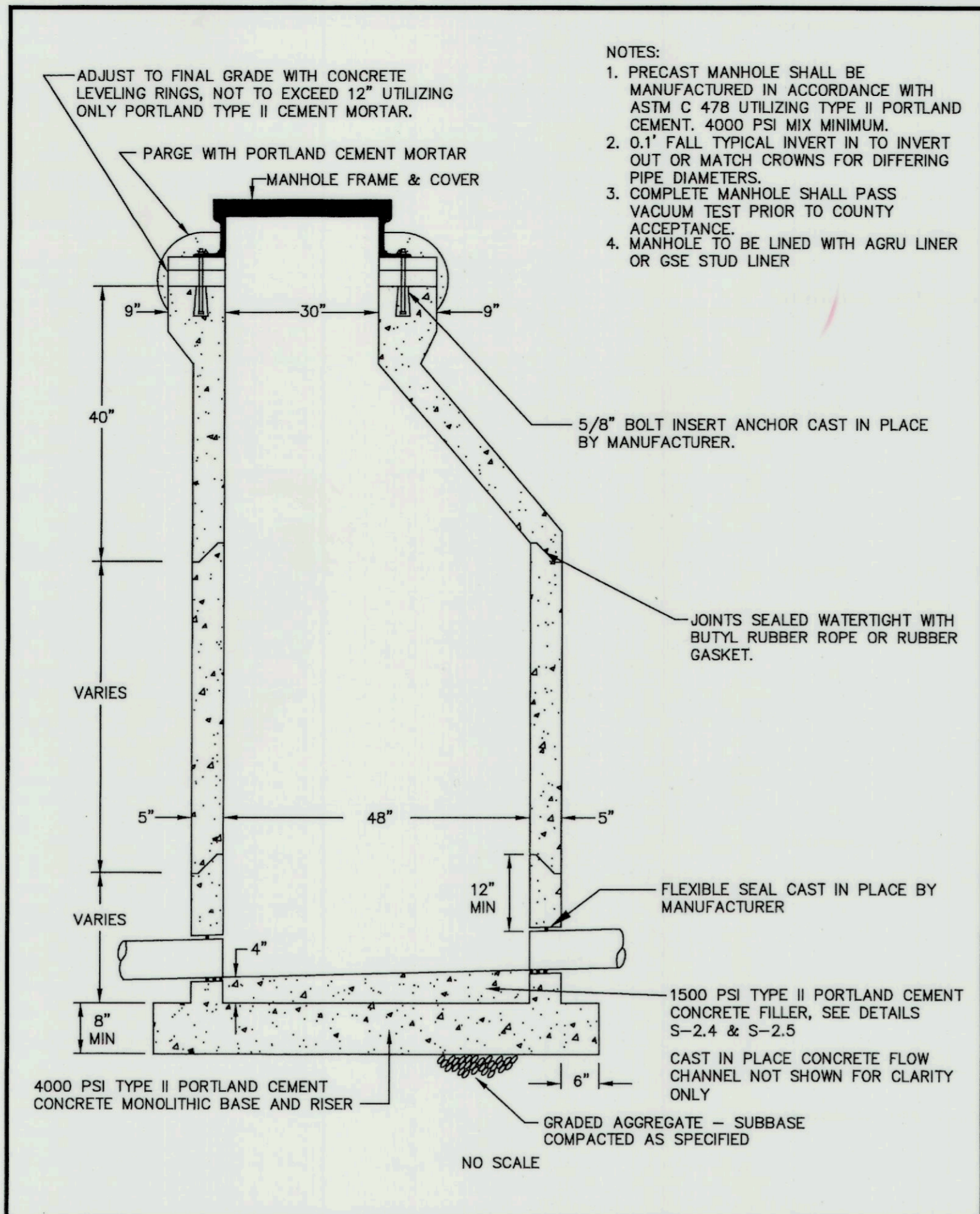
Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.  
License No. 21741, Expiration Date: 10/9/23

Washington County  
MARYLAND  
DIVISION OF ENVIRONMENTAL MANAGEMENT  
DEPARTMENT OF ENGINEERING SERVICES  
16232 ELLIOTT PARKWAY  
WILLIAMSPORT, MD 21785  
240-315-2600 Fax: 240-315-2601

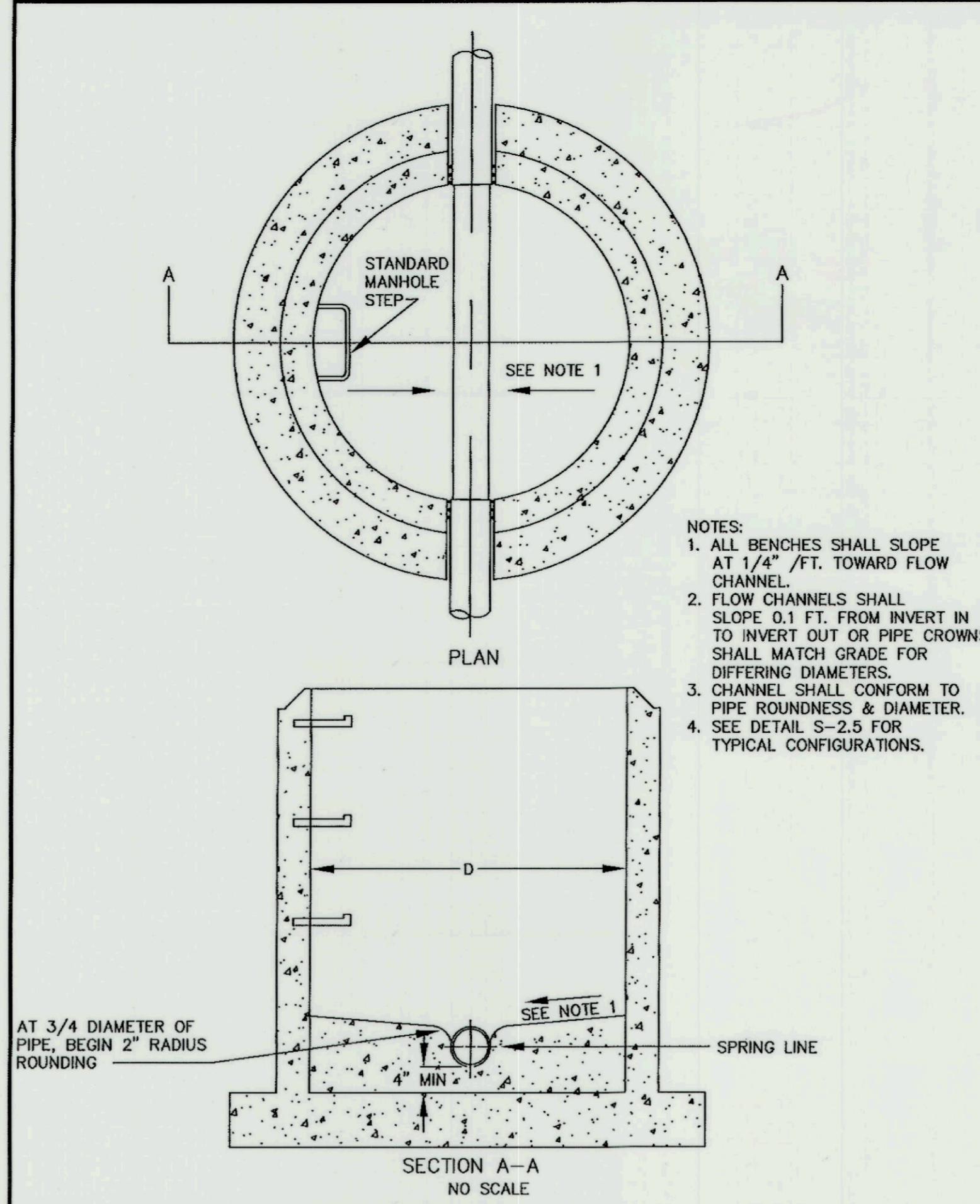
WINEBRENNER WWTP  
SEWER LINE RELOCATION  
PLAN AND PROFILE  
DETAILS

SCALE  
1"=10'  
SHEET NO.  
3 of 4  
PROJECT NO.  
090-1355

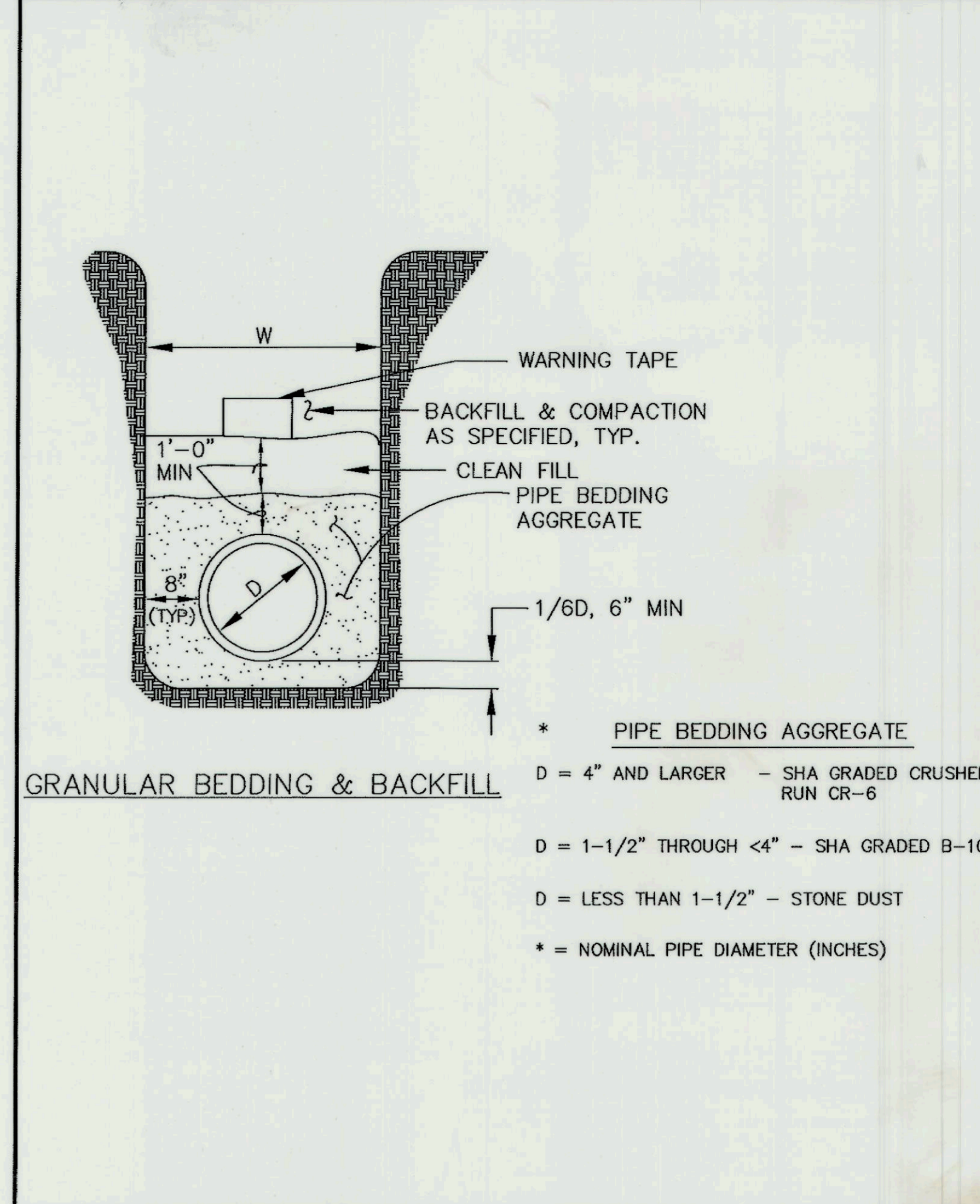




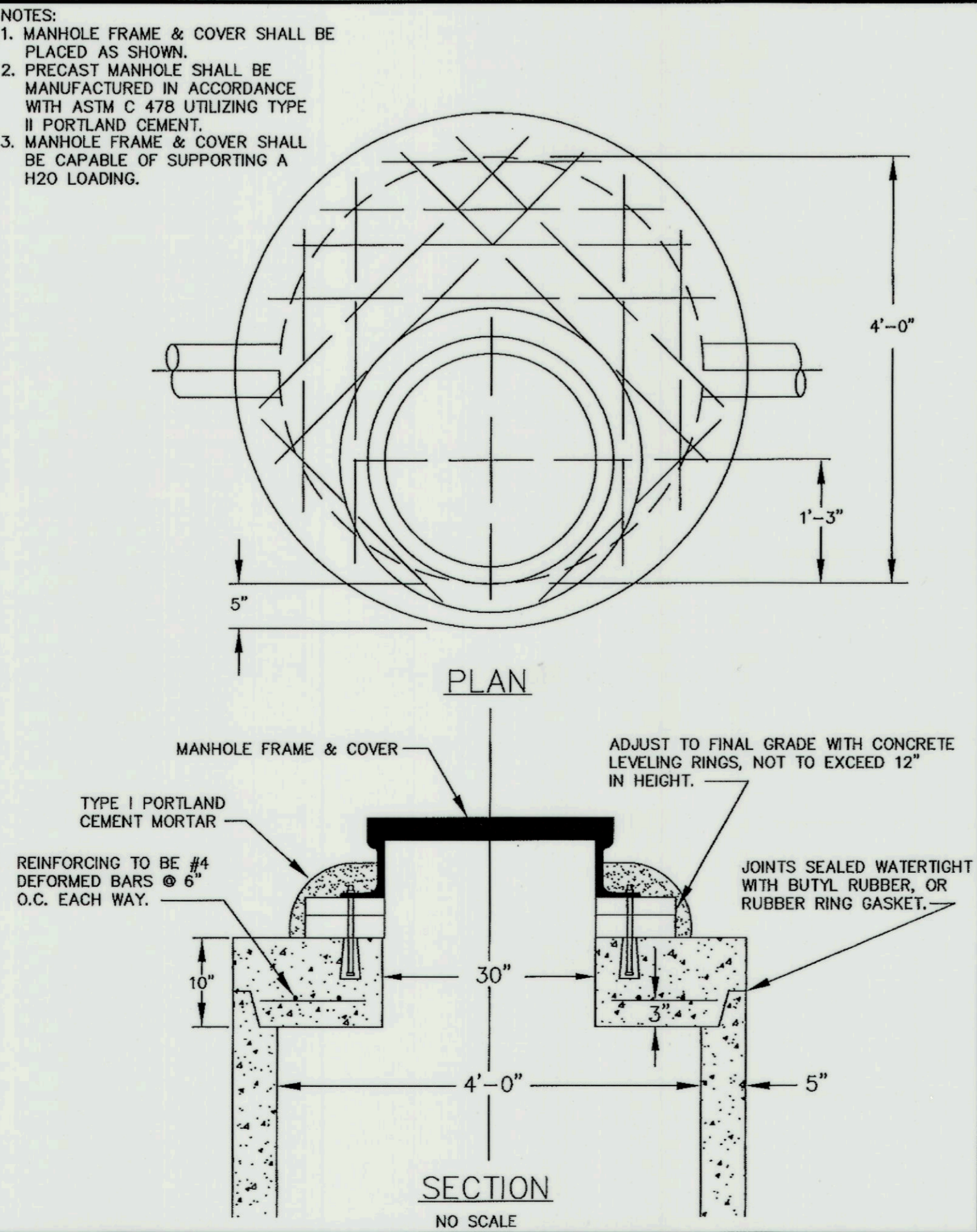
REVISION	Washington County, MD Div. of Environmental Management	<b>Standard Through Manhole Precast Base</b>	Detail <b>S-2.1</b>
REVISION	Approved: <i>Mark D. Brashers</i> Director of Environmental Management		
APPROVED			



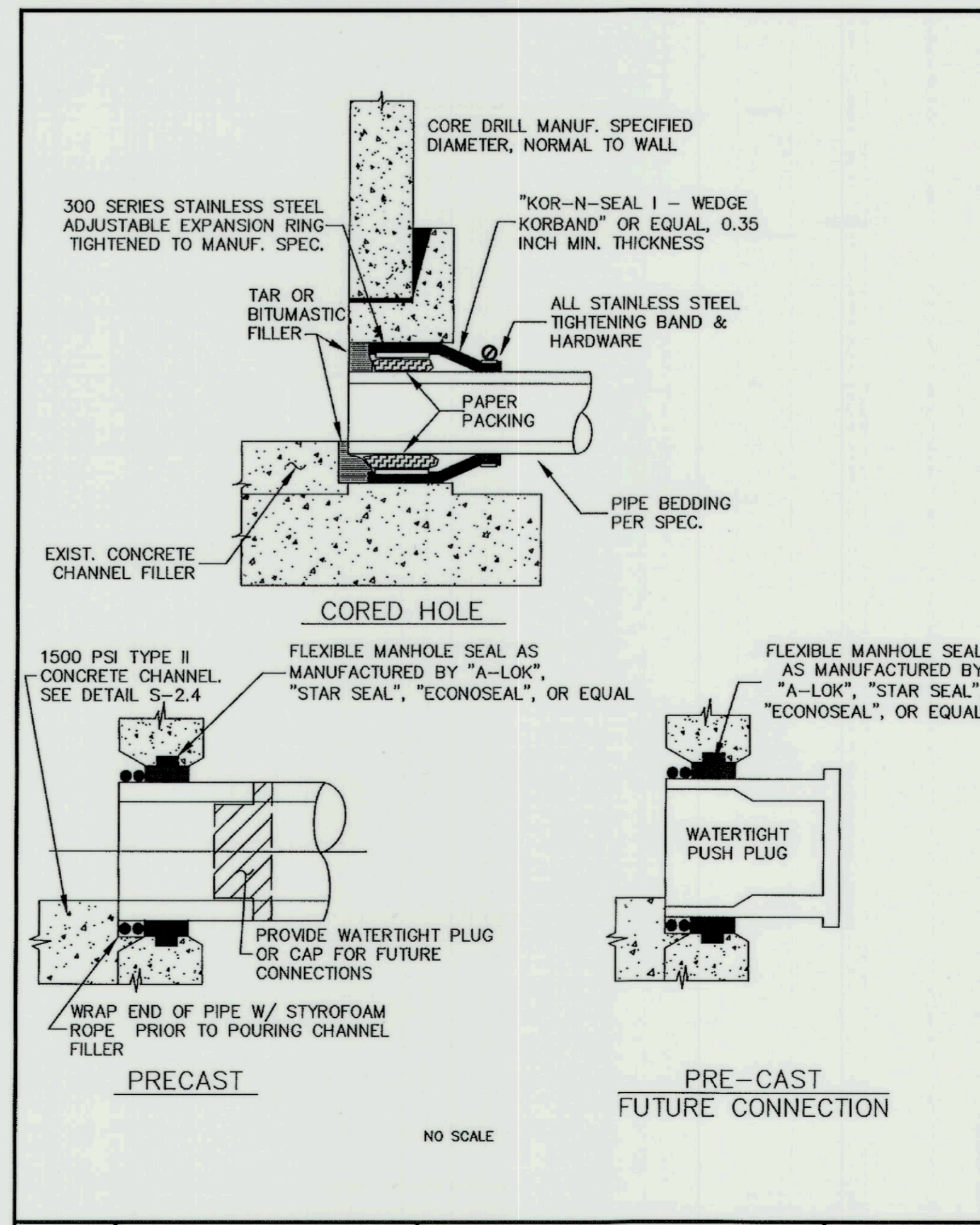
REVISION	Washington County, MD Div. of Environmental Management	<b>Typical Bench and Flow Channel Section Precast Base</b>	Detail <b>S-2.4</b>
REVISION	Approved: <i>Julia A. Lopez</i> Director of Environmental Management		
APPROVED			



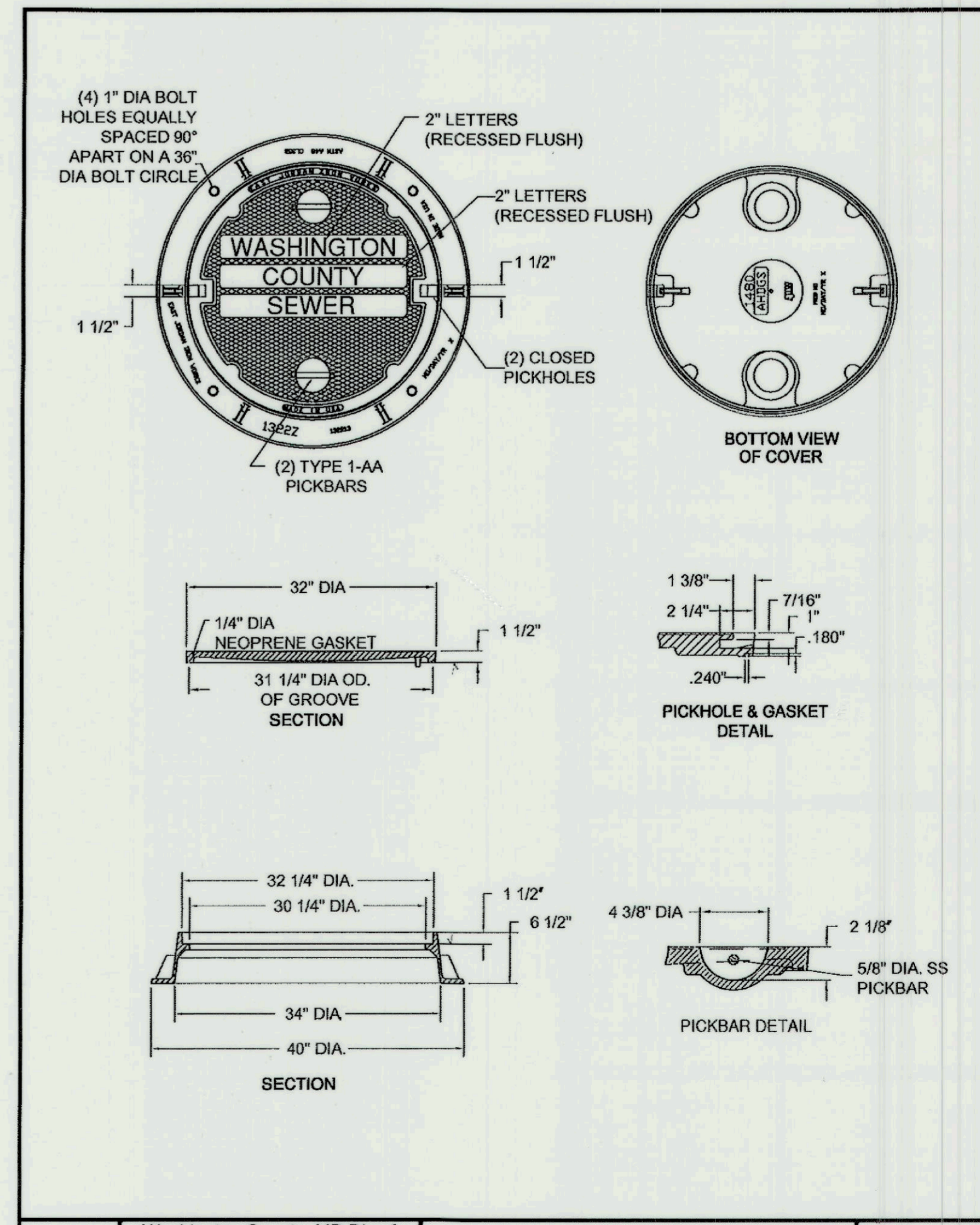
REVISION	Washington County, MD Div. of Environmental Management	<b>STANDARD TRENCH WIDTH &amp; STONE BEDDING</b>	Detail <b>SW-1.1</b>
REVISION	Approved: <i>Julia A. Lopez</i> Director of Environmental Management		
APPROVED			



REVISION	Washington County, MD Div. of Environmental Management	<b>Flat Top Manhole Section Precast Manhole</b>	Detail <b>SW-2.2</b>
REVISION	Approved: <i>Julia A. Lopez</i> Director of Environmental Management		
APPROVED			



REVISION	Washington County, MD Div. of Environmental Management	<b>Manhole Pipe Connections</b>	Detail <b>SW-2.10</b>
REVISION	Approved: <i>Julia A. Lopez</i> Director of Environmental Management		
APPROVED			



REVISION	Washington County, MD Div. of Environmental Management	<b>Standard Manhole Frame &amp; Cover</b>	Detail <b>SW-2.6</b>
REVISION	Approved: <i>Julia A. Lopez</i> Director of Environmental Management		
APPROVED			

DATE										
REV	BY	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	DATE				
ENGINEER	DESIGNED BY	DRAWN BY	CHECKED BY	DATE						
JVM	AWM	AWM	JVM	4/2023						
<p style="font-size: small;">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.</p> <p style="font-size: x-small;">License No. 21741, Expiration Date: 10/31/23</p>										
<p>Washington County <b>MARYLAND</b> DIVISION OF ENVIRONMENTAL MANAGEMENT DEPARTMENT OF ENGINEERING SERVICES</p> <p>16232 ELLIOTT PARKWAY WILLIAMSPORT, MD 21795 240-319-2600 Fax: 240-319-2601</p>										
<p><b>WINEBRENNER WWTP SEWER LINE RELOCATION DETAILS</b></p>										
SCALE N.T.S										
SHEET NO. 4 OF 4										
PROJECT NO. 090-1355										