

**GENERAL NOTES:**

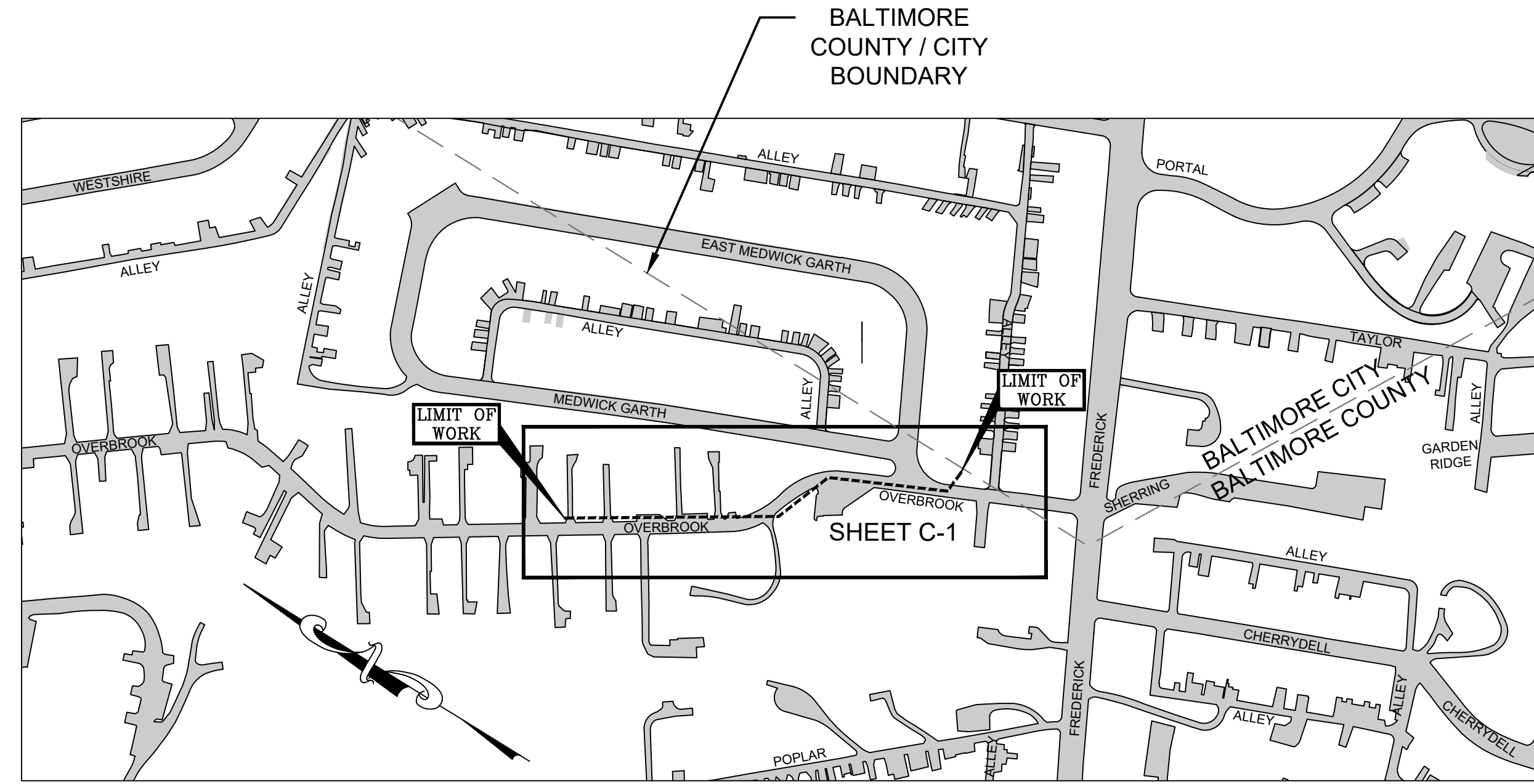
- THE WORK FOR THIS PROJECT SHALL BE COMPLETED AS IDENTIFIED IN THE CONTRACT DOCUMENTS FOR THIS PROJECT.
- CONTRACTOR SHALL HAVE A COMPLETE SET OF CONTRACT DOCUMENTS AND APPLICABLE PERMITS ON SITE AT ALL TIMES. AS-BUILT INFORMATION SHALL BE UPDATED AND MAINTAINED ON CONTRACT DRAWINGS AT ALL TIME AND BE AVAILABLE FOR IMMEDIATE REVIEW.
- IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE DOCUMENT SHALL NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO COMPLETE SUCH WORK, AND THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE ITEMS IN THE BID.
- UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS, ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE BALTIMORE COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, BALTIMORE COUNTY STANDARD DETAILS FOR CONSTRUCTION, AND AMENDMENTS THERETO.
- ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF THE MARYLAND STATE HIGHWAY ADMINISTRATION'S (MSHA) BOOK OF STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES AND MSHA'S MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION WITH THE LATEST INCORPORATED REVISIONS ISSUED ON OR BEFORE THE DATE OF ADVERTISEMENT OF THIS CONTRACT.
- A CONSTRUCTION SCHEDULE SHALL BE SUBMITTED TO THE BUREAU OF ENGINEERING AND CONSTRUCTION, CONSTRUCTION CONTRACTS ADMINISTRATION DIVISION, AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE. SCHEDULE SHALL BE UPDATED AND SUBMITTED MONTHLY AND UPON REQUEST.
- SUBMITTALS ON MATERIALS FOR THIS PROJECT SHALL BE APPROVED BY THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS ASSOCIATED WITH THEIR WORK AND TO PREPARE ACCURATE DOCUMENTS ACCORDINGLY. PRIOR TO SUBMISSION OF ANY METHODS AND/OR MATERIALS FOR REVIEW, NO MATERIALS SHALL BE ORDERED PRIOR TO OBTAINING SHOP DRAWING APPROVAL AND ADDRESSING REVIEW COMMENTS. DESIGN DOCUMENTS AND SHOP DRAWING APPROVALS SHALL NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY OF COLLECTING ACCURATE MEASUREMENTS AND COORDINATING PRODUCTS/SERVICES TO PROVIDE A COMPLETE AND FUNCTIONAL PRODUCT PER THE INTENT OF THE WORK. THE CONTRACTOR SHALL CLEARLY IDENTIFY ANY DEVIATIONS MADE FROM THE CONTRACT DOCUMENTS IN THEIR SHOP DRAWING SUBMITTALS.
- THE CONTRACTOR SHALL DOCUMENT PRE-CONSTRUCTION CONDITIONS OF THE ENTIRE PROJECT THROUGH PHOTOGRAPHICAL/VIDEO MEANS. THE LEVEL OF DOCUMENTATION IS TO SATISFY CLAIMS AGAINST THE CONTRACTOR THAT THE PROPERTY OWNER MAY CLAIM. THERE SHALL BE NO PAYMENT FOR THIS WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE SUSTAINED TO PRIVATE PROPERTY AS A RESULT OF THEIR WORK, AND SHALL CONDUCT THEIR WORK IN ACCORDANCE WITH REGULATIONS RELATING THERETO.
- ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON THE BALTIMORE COUNTY DATUM, NAVD 88. ALL COORDINATES SHOWN ON THE PLANS ARE BASED ON THE MARYLAND COORDINATE SYSTEM, NAD 83/11.
- THE LOCATION OF FEATURES SHOWN ON THESE DRAWINGS ARE PROVIDED ONLY FOR THE CONVENIENCE OF THE CONTRACTOR, AND BALTIMORE COUNTY DOES NOT WARRANT AND/OR GUARANTEE THE ACCURACY OR COMPLETENESS OF THE INFORMATION. THE CONTRACTOR SHALL FIELD VERIFY TO THEIR SATISFACTION THE WORK REQUIREMENTS ASSOCIATED WITH ALL LOCATIONS, INCLUDING SITE ACCESS/WORK AREA, DIMENSIONS OF ANY EXISTING UTILITIES, PRIVATE UTILITY HOUSE CONNECTION LOCATIONS, FEATURES AND/OR STRUCTURES RELATED TO PROJECT CONSTRUCTION PRIOR TO ORDERING MATERIALS OR COMMENCING WORK.
- WHEN EXCAVATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY MISS UTILITY (1-800-257-7777) A MINIMUM OF 72-HOURS PRIOR TO START OF EXCAVATION TO DETERMINE THE LOCATION OF EXISTING UTILITIES. IN THE EVENT ANY UTILITIES ARE INCORRECTLY MARKED BY MISS UTILITY LOCATORS, THE COUNTY SHALL NOT BE LIABLE AND A DISCREPANCY/DISPUTE TICKET SHALL BE FILED BY THE CONTRACTOR WITH MISS UTILITY.
- THE EXISTING UTILITIES AND OTHER EXISTING FEATURES THAT ARE SHOWN ON THE PLANS ARE APPROXIMATE, FROM THE BEST AVAILABLE RECORDS AND THE ACCURACY AND THE COMPLETENESS OF THIS INFORMATION IS NOT GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY EXISTING CONDITIONS TO THEIR SATISFACTION PRIOR TO INITIATING ANY WORK ACTIVITIES. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT AND SUPPORT ALL UTILITIES, STRUCTURES AND/OR OTHER FEATURES LOCATED NEAR WORK ACTIVITIES AND MAINTAIN UNINTERRUPTED SERVICE/USE. DAMAGE TO EXISTING UTILITIES AS A RESULT OF CONTRACTOR WORK ACTIVITIES SHALL BE IMMEDIATELY REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- UNDERGROUND UTILITIES (ELECTRIC, CABLE, WATER, SEWER, STORM DRAIN ETC.) MAY OR MAY NOT EXIST ON THE PRIVATE PROPERTY OR OUTSIDE THE COUNTY'S R.O.W. THE LOCATION OF THESE SERVICES ARE UNKNOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGING THESE UTILITIES. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- WHERE EXISTING UNDERGROUND UTILITIES OR OTHER STRUCTURES APPEAR TO BE IN CLOSE PROXIMITY TO THE PROPOSED CONSTRUCTION ACTIVITIES, OR WHEN APPROACHING EXISTING UTILITIES OR STRUCTURES, TEST PITS SHALL BE USED WELL IN ADVANCE TO VERIFY THE LOCATIONS, SIZE OR EXTENT OF THE SITUATION ALLOWING APPROPRIATE ADJUSTMENTS TO BE MADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEST PITTING DETERMINED TO BE NECESSARY PRIOR TO PERFORMING ANY WORK THAT MAY IMPACT THESE UTILITIES. ALL TEST PITTING MUST BE APPROVED BY THE ENGINEER. ANY UTILITY, WHETHER SHOWN OR NOT, THAT IS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED IMMEDIATELY AT THE OWNER'S EXPENSE. THE CONTRACTOR IS TO BE ADVISED IMMEDIATELY OF ANY DISCREPANCIES IDENTIFIED BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS. SHOULD THE CONTRACTOR MAKE FIELD CORRECTIONS OR ADJUSTMENTS WITHOUT THE AUTHORIZATION OF THE OWNER, THE CONTRACTOR ASSUMES THE RESPONSIBILITY FOR SAID CORRECTIONS OR ADJUSTMENTS.
- THIS DOCUMENT INCLUDES INFORMATION AND DEPICTIONS OF BALTIMORE GAS AND ELECTRIC ("BGE") ELECTRIC AND/OR GAS UTILITIES LOCATED WITHIN THE PROJECT AREA (THE "BGE UTILITY INFORMATION"). LOCATIONS, DIMENSIONS, DEPTHS, AND OTHER DETAILS OF ANY SUCH UTILITIES MAY NOT BE AS-BUILT, AND THE INFORMATION SHALL NOT BE RELIED UPON WITHOUT FIELD VERIFICATION. EXCAVATORS MUST EMPLOY SAFE DIGGING BEST PRACTICES WHEN APPROACHING AND EXCAVATING ALL ELECTRIC AND GAS UTILITIES AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS INCLUDING BUT NOT LIMITED TO THE "MISS UTILITY LAW" AND THE "HIGH VOLTAGE LINE ACT." NO REPRESENTATION, GUARANTEES, OR WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE BY BGE AS TO THE QUALITY, COMPLETENESS, OR ACCURACY OF THE BGE UTILITY INFORMATION. IN ACCEPTING THIS DOCUMENT, THE RECIPIENT EXPRESSLY ACKNOWLEDGES AND AGREES THAT IT IS NOT RELYING ON THE ACCURACY OF THE SAME.
- PROPERTY LINES ARE SHOWN ONLY AS AN AID IN PLAN INTERPRETATION AND ARE NOT INTENDED AS DEFINITIVE, SURVEYED PROPERTY LINES. FOR OFFICIAL RIGHT OF WAY AND EASEMENT INFORMATION SEE BALTIMORE COUNTY OFFICE OF REAL ESTATE COMPLIANCE PLATS.
- ALL PROPERTY MARKERS SHOWN ON THE DRAWINGS AND DISTURBED BY THE CONTRACTOR MUST BE RESET IN THE ORIGINAL LOCATION BY THE CONTRACTOR AFTER CONSTRUCTION IS COMPLETE. ALL COSTS FOR RESETTING PROPERTY MARKERS SHALL BE INCIDENTAL TO THE ITEMS BID.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DEVIATION TO THIS PLAN AND/OR EXISTING FIELD CONDITIONS PRIOR TO ANY FIELD CHANGES BEING MADE. ANY CHANGE TO THIS PLAN WITHOUT WRITTEN AUTHORIZATION FROM THE BUREAU OF ENGINEERING & CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ANY AREA OUTSIDE OF THE EXISTING PAVING, RIGHT-OF-WAY OR LIMIT OF DISTURBANCE AS SHOWN ON THE SEDIMENT CONTROL DRAWINGS WHICH IN THE CONTRACTOR'S OPINION IS NEEDED TO COMPLETE PROJECT CONSTRUCTION, MUST BE APPROVED PRIOR TO CONSTRUCTION BY THE ENGINEER AND ALL APPROPRIATE STATE/COUNTY/FEDERAL ENVIRONMENTAL AGENCIES.
- ALL WORK SHALL COMPLY WITH THE APPROVED SEDIMENT AND EROSION CONTROL PLANS INCLUDED HEREIN AND ALL APPLICABLE PROVISIONS OF THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" ISSUED JOINTLY BY THE MARYLAND DEPARTMENT OF ENVIRONMENT AND THE NATURAL RESOURCES CONSERVATION SERVICE AS WELL AS BALTIMORE COUNTY SOIL CONSERVATION DISTRICT REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING SILT AND DEBRIS OUT OF THE STORM DRAINAGE SYSTEM, STREAMS, RIVERS, ETC. FOR THE DURATION OF THE PROJECT.
- ALL STORM DRAIN APPURTENANCES, DITCHES, ETC., SHALL REMAIN FUNCTIONAL DURING CONSTRUCTION AND SHALL BE PROTECTED BY THE CONTRACTOR FROM SEDIMENT RUNOFF. EXCAVATED MATERIAL SHALL NOT BE PLACED IN OR OBSTRUCT DRAINAGE DITCHES. DITCHES AND OTHER STORM DRAIN FACILITIES SHALL BE RETURNED TO ORIGINAL CONDITION FOLLOWING CONSTRUCTION.
- DURING TRENCH DEWATERING OPERATIONS NO WATER SHALL BE DISCHARGED DIRECTLY ACROSS THE GROUND OR INTO AN EXISTING BODY OF WATER OR STREAM WITHOUT FLOWING THROUGH AN APPROVED PORTABLE SEDIMENT TANK. IN ADDITION, AN APPROVED DEWATERING METHOD SHALL BE USED TO REMOVE SEDIMENT-LADEN WATER FROM TRAPS, SUMPS, ETC. THIS WATER SHALL NEVER BE DISCHARGED DIRECTLY TO A STORM DRAIN OR CHANNEL.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS AND ALLEYS OF DUST AND TAKE WHATEVER MEASURES NECESSARY TO ENSURE THAT ALL ROADS ARE MAINTAINED IN A MUD AND DUST FREE CONDITION AT ALL TIMES. DIRT AND/OR MUD TRACKED ONTO ROADS SHALL BE CLEANED UP IMMEDIATELY BY THE CONTRACTOR.
- ALL EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF EXCAVATIONS, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER. EXCAVATIONS WHICH ARE TO BE LEFT OPEN OVERNIGHT OR WHEN THE CONTRACTOR'S FORCES ARE NOT PRESENT SHALL BE APPROVED BY BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION AND SO PROTECTED OR ENCLOSED AND EFFECTIVELY MARKED TO PRESENT NO DANGER TO THE PUBLIC OR OTHER VISITORS TO THE AREA. EXCAVATIONS OCCURRING IN THE ROADWAY SHALL HAVE PLATES PLACED OVER THE EXCAVATED SITE WHEN THE CONTRACTOR IS NOT PRESENT. SILT FENCING SHALL BE PLACED ON THE DOWNHILL SIDE OF ANY AREA TO BE WORKED BY THE CONTRACTOR'S FORCES, AS MAY BE REQUIRED.
- THE CONTRACTOR SHALL OPEN ONLY THE SECTION OF TRENCH THAT CAN BE BACKFILLED AND STABILIZED IN ONE DAY. THE END OF THE PIPE SHALL BE PLUGGED OR CAPPED AND PLATED OVER AT THE END OF EACH WORK DAY.
- THE CONTRACTOR SHALL PROVIDE APPROPRIATE TREE AND LANDSCAPE PROTECTION WHEN CONSTRUCTION ACTIVITIES ARE IN THE VICINITY OF STAND-ALONE TREES, FORESTED AREAS OR LANDSCAPING.
- EQUIPMENT AND MATERIALS SHALL NOT BE LEFT OVERNIGHT WITHIN DESIGNATED LIMITS OF THE 100 YEAR FLOODPLAIN.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO EXISTING LANDSCAPING, ROADS, DRIVEWAYS, CULVERTS, DRAINAGE DITCHES, DRAIN FIELDS, UTILITIES, PIPES, STRUCTURES AND EQUIPMENT WHICH OCCURS BECAUSE OF PROJECT CONSTRUCTION. ANY ITEM DAMAGED BY WORK ACTIVITIES SHALL BE REPAIRED TO EITHER PRECONSTRUCTION CONDITION OR REPLACED IN KIND.

BALTIMORE COUNTY MARYLAND  
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
BUREAU OF ENGINEERING AND CONSTRUCTION

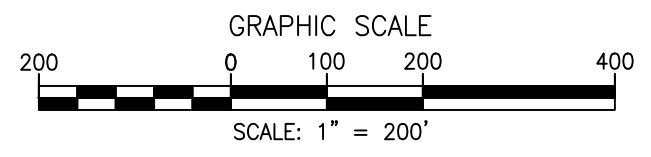
OVERBROOK ROAD RELIEF SEWER  
EXTENSION  
15" SANITARY SEWER  
PROJECT NUMBER PROJ-10001321 ENGINEERING

CONTRACT NO. 25185 SXO

DISTURBED AREA = 4,290 SF (0.098 Acre)



PROJECT LOCATION MAP



GENERAL NOTES: cont'd:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO ALL MAINTENANCE OF TRAFFIC (MOT) REQUIREMENTS AND FOR OBTAINING ANY REQUIRED PERMITS NECESSARY TO COMPLETE THEIR WORK.
- THE CONTRACTOR SHALL MAINTAIN TRAFFIC MOVEMENT, TRAFFIC CONTROL, AND EMERGENCY VEHICLE ACCESS ALONG ALL ROADS DURING ALL PHASES OF CONSTRUCTION IN CONFORMANCE WITH THE REQUIREMENTS OF MARYLAND STATE HIGHWAY ADMINISTRATION AND BALTIMORE COUNTY.
- BALTIMORE COUNTY ROADWAYS (REFER TO MEMORANDUM IN CONTRACT BOOK FROM BUREAU OF TRAFFIC ENGINEERING AND TRANSPORTATION PLANNING).
  - A MINIMUM SINGLE LANE OF TRAFFIC, UTILIZING FLAGGERS, IS REQUIRED TO BE MAINTAINED AT ALL TIMES ON ALL PUBLIC ROADWAYS. IT MAY BE NECESSARY TO TEMPORARILY PROHIBIT STREET PARKING NEAR THE WORK SITES IN ORDER TO PROVIDE FOR AN ADEQUATE WORK AREA AND/OR MAINTAIN TRAFFIC.
  - AT THE END OF EACH WORKDAY, THE CONTRACTOR IS REQUIRED TO COMPLETE THE FOLLOWING:
    - BACKFILL AND/OR PLATE OVER ALL OPEN EXCAVATIONS SO THAT TWO LANES OF TRAFFIC ARE MAINTAINED.
    - REMOVE ALL EQUIPMENT AND MATERIAL FROM THE TRAVELED PORTION OF THE ROADWAY. ALSO, EQUIPMENT AND MATERIALS SHOULD NOT BE STORED IN A MANNER AS TO OBSTRUCT SIGHT DISTANCE AT ANY DRIVEWAY OR INTERSECTING ROAD.
    - COVER OR REMOVE ALL SIGNS REFERRING TO A SINGLE-LANE OPERATION. ALSO, IT MAY BE NECESSARY FOR THE CONTRACTOR TO PROVIDE "STEEL PLATES AHEAD" SIGNS ON EACH APPROACH TO THE CONSTRUCTION AREA, IF APPROPRIATE, OR AS DIRECTED BY THE INSPECTOR OF THE PROJECT.
    - ALL EXISTING DRIVEWAY AND SIDEWALK ACCESS MUST BE MAINTAINED AT ALL TIMES.
    - THE CONTRACTOR IS RESPONSIBLE FOR THE FABRICATION, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES. SAID DEVICES SHALL BE IN ACCORDANCE WITH THE MARYLAND STATE HIGHWAY ADMINISTRATION WORK ZONE TRAFFIC CONTROL STANDARD DETAILS.
    - ONCE THE CONTRACTOR HAS RECEIVED THEIR NOTICE TO PROCEED, THE DIVISION OF TRAFFIC ENGINEERING WILL INVENTORY THE EXISTING PERMANENT TRAFFIC CONTROL DEVICES THROUGHOUT THE CONSTRUCTION AREA. SHOULD IT BE NECESSARY FOR ANY DEVICES TO BE REMOVED BY THE CONTRACTOR OR THEIR SUB-CONTRACTOR DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFE STORAGE OF THESE DEVICES. SHOULD THEY BECOME DAMAGED, DEFACED, LOST, ETC., THE CONTRACTOR WILL BE BILLED FOR REPLACEMENT OF THESE PERMANENT DEVICES. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE RE-INSTALLATION OF ANY PERMANENT DEVICES REMOVED DURING CONSTRUCTION.
- WITH THE APPROVAL OF BALTIMORE COUNTY, SALVAGED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE WORKSITE UPON COMPLETION OF WORK ON THIS CONTRACT. SALVAGED MATERIALS SPECIFIED TO BECOME PROPERTY OF BALTIMORE COUNTY SHALL BE RETURNED TO THE NEAREST COUNTY MAINTENANCE YARD.

INDEX OF DRAWINGS				
SHEET DESIGNATION	SHEET NUMBER	DRAWING NUMBER		DESCRIPTION
GENERAL	G-1	1	2025-3252	COVER SHEET - LOCATION MAP, INDEX OF DRAWINGS AND GENERAL NOTES
	G-2	2	2025-3253	GENERAL SEWER NOTES, LEGEND AND BENCHMARK INFORMATION
	G-3	3	2025-3254	SITE PLAN - EXISTING CONDITIONS
CIVIL	C-1	4	2025-3255	PLAN - OVERBROOK RD
	C-2	5	2025-3256	PROFILE - OVERBROOK RD
	C-3	6	2025-3257	GEOTECHNICAL SOIL BORING AND UTILITY TEST PIT PLAN
	C-4	7	2025-3258	GEOTECHNICAL SOIL BORING LOGS & MANHOLE TCM 158 DETAIL
	C-5	8	2025-3259	CONSTRUCTION DETAILS
GRADING AND EROSION & SEDIMENT CONTROL	ES-1	9	2025-3260	EROSION & SEDIMENT CONTROL PLAN
	ES-2	10	2025-3261	EROSION AND SEDIMENT CONTROL NOTES
	ES-3	11	2025-3262	EROSION AND SEDIMENT CONTROL DETAILS
TRAFFIC CONTROL	MT-1	12	2025-3263	MAINTENANCE OF TRAFFIC PLAN

EMERGENCY MANAGEMENT NOTES:

- DPW INSPECTORS WILL NOTIFY THE FIRE DEPARTMENT ADMINISTRATIVE DUTY OFFICER (ADO) OF ANY PLANNED WATER OUTAGE. (CONTACT: FIRE\_ADO OR CALL AT 410-307-2052)
- DPW INSPECTORS WILL NOTIFY BALTIMORE CITY'S 311 OF ANY PLANNED WATER OUTAGE.
- FOR OUTAGES AFFECTING MORE THAN 200 SERVICES AND/OR THAT ARE MORE THAN EIGHT(8) HOURS IN DURATION CONTRACTORS WILL NOTE IN THEIR PLANS TO NOTIFY THE FIRE DEPARTMENT ADMINISTRATIVE OFFICER (ADO) AND THE OFFICE OF EMERGENCY MANAGEMENT BY E-MAIL AND BY PHONE. (emergencymanagement@baltimorecountymd.gov and 410-887-5996.)

SANITARY NOTES:

- CHLORINATED WATER DISCHARGES TO THE 8-INCH SEWERS LOCATED IN THE AREA WILL BE LIMITED TO A RATE NOT TO EXCEED 50 GALLONS PER MINUTE (GPM).
- FEDERAL REGULATION REQUIRES DOCUMENTATION OF ANY DISCHARGE FROM THE SANITARY SEWER COLLECTION SYSTEM AND THE CAUSE OF THE DISCHARGE. TO MEET THESE REQUIREMENTS, THE DATE, RATE AND DURATION OF CHLORINATED WATER DISCHARGE SHALL BE DOCUMENTED BY THE CONTRACTOR AND/OR INSPECTOR. DOCUMENTATION WILL BE SUBMITTED TO THE SEWER DESIGN SECTION FOLLOWING THE COMPLETION OF ALL CHLORINATED WATER DISCHARGES.
- ALL DISCHARGES WILL BE RESTRICTED TO DRY WEATHER AND NOT LESS THAN 24 HOURS AFTER ANY RAIN EVENT.
- ONE(1) BUSINESS DAY PRIOR TO DISCHARGE OF ANY CHLORINATED WATER TO THE SANITARY SEWER, THE CONTRACTOR SHALL NOTIFY THE SEWER DESIGN SECTION AT 410-887-3781 AND THE BUREAU OF UTILITIES AT 410-887-7415 OF THE EXACT LOCATION OF THE PLANNED DISCHARGE. THIS WILL ALLOW THE REMOVAL AT THEIR DISCRETION, OF ANY FLOW MONITORING EQUIPMENT LOCATED WITHIN THE SANITARY SYSTEM AND GIVE NOTICE IN THE EVENT OF ANY SEWER BACKUPS OR OVERFLOWS CAUSED BY SUCH DISCHARGES.

BGE UTILITY NOTES:

- DEPICTIONS OF BALTIMORE GAS AND ELECTRIC COMPANY'S (BGE) ELECTRIC AND/OR GAS UTILITIES LOCATED WITHIN THE PROJECT AREA (BGE UTILITY INFORMATION), LOCATIONS, DIMENSIONS, DEPTHS, AND OTHER DETAILS OF ANY SUCH UTILITIES MAY NOT BE AS-BUILT, AND THE INFORMATION MAY NOT BE RELIED UPON WITHOUT FIELD VERIFICATION. EXCAVATORS MUST EMPLOY SAFE DIGGING BEST PRACTICES WHEN APPROACHING BGE ELECTRIC AND GAS UTILITIES AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, INCLUDING BUT NOT LIMITED TO, THE "MISS UTILITY LAW."
- NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES, EXPRESS OR IMPLIED ARE MADE BY BGE AS TO THE QUALITY, COMPLETENESS, OR ACCURACY OF THE BGE UTILITY INFORMATION, AND IN ACCEPTING THE DOCUMENT, THE RECIPIENT EXPRESSLY ACKNOWLEDGES AND AGREES THAT IT IS NOT RELYING ON THE ACCURACY OF THE SAME.

STORMWATER MANAGEMENT PERMIT NOT REQUIRED

CONTRACT COMPLETION BOX	
CONTRACTOR:	_____
DATE COMPLETED:	_____
INSPECTOR:	_____
PIPE MATERIAL:	_____

**DATUM NOTE**  
DESIGN AND DRAWING BASED ON THE MARYLAND COORDINATE SYSTEM (MCS).  
HORIZONTAL - NAD 83/11  
VERTICAL - NAVD 88

SHEET DESIGNATION	CONTRACT NUMBER
G-1	25185 SXO
PROJECT NUMBER	
PROJ-10001321	
SHEET 1 OF 12	
DRAWING NUMBER	
2025-3252	
FILE NO.: 1	

PROFESSIONAL CERTIFICATION	AS-BUILT / REVISION	BY	DATE	P.W.A. NO.	KEY SHEET	POSITION	SHT	DRAWING SCALE	DPW AND TRANSPORTATION
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. 60388      EXPIRATION DATE 01/08/2025 ENGINEER: MOUBIN AL-MALLA 	AS-BUILT CHECKED							PLAN SCALE: AS SHOWN	APPROVED BY: <i>Jack C. Kelly</i> DIRECTOR
								PROFILE SCALE: HOR. N/A, VERT. N/A	DATE: 11/17/2025
	DON BY: APR	BUREAU OF ENGINEERING AND CONSTRUCTION	TRAFFIC	HIGHWAYS	STRUCTURES	SEWER	WATER	FIELD ENGINEER	BUR. OF ENGINEERING & CONSTRUCTION
	DWN BY: BW	REVIEWED BY:		VRC	NES	RLZ	AEB	ERM	XRE
CHKD BY: MAM	DATE REVIEWED:		11/10/2025	11/05/2025	11/14/2025	11/06/2025	11/05/2025	11/05/2025	DATE: 11/17/2025

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION  
OVERBROOK ROAD RELIEF SEWER EXTENSION  
LOCATION MAP, INDEX OF DRAWINGS AND GENERAL NOTES  
SUBDIVISION: CATONSVILLE  
ELECTION DISTRICT NO.: 161

**GENERAL SEWER NOTES:**

- WHEN CONNECTING TO ANY EXISTING MANHOLE, THE MANHOLE MUST BE CORE DRILLED AND "A-LOCK" CONNECTOR OR APPROVED EQUAL MUST BE USED. ALL COSTS ARE INCIDENTAL AND TO BE INCLUDED IN THE UNIT PRICE BID FOR "GRAVITY SEWER PIPE".
- ALL EXISTING SEWER CONNECTION INFORMATION SHOWN ON THE PLANS IS APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE EACH LATERAL CONNECTION AND RECONNECT TO PROPOSED SEWER.
- SEWAGE FLOW IN EXISTING SEWER IS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. SEE GENERAL BYPASS PUMPING NOTES THIS SHEET..
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT POSSIBLE. CONTRACTOR TO REMOVE THE STUMPS AND ROOTS OF ANY TREE OR SHRUB THAT NEEDS REMOVAL. ANY EXISTING STUMPS WITHIN THE LIMIT OF DISTURBANCE ALSO WILL BE REMOVED.
- CONTRACTOR SHALL MINIMIZE DISRUPTION TO TREE CANOPY. CLEARING AND GRUBBING ACTIVITIES TO BE COORDINATED WITH COUNTY PRIOR TO INITIATING CONSTRUCTION ACTIVITIES.
- FULL TRENCH COMPACTION IS REQUIRED FOR ALL TRENCHES WITHIN THE EXISTING ROAD AND/OR ROAD RIGHTS-OF-WAYS PER STANDARD SPECIFICATIONS..
- UNLESS OTHERWISE NOTED, A MINIMUM OF 1'-0" VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE PROPOSED PIPE AND ALL EXISTING UTILITY CROSSINGS.
- ALL MACADAM DRIVEWAYS SHALL BE SAW CUT (FULL DEPTH) IN A STRAIGHT LINE, AT THE LIMIT OF DISTURBANCE OF THE DRIVEWAY. DRIVEWAY SHALL BE PERMANENTLY REPAIRED WITH A MINIMUM OF 6-INCHES OF CR-6 AND A MINIMUM OF 3-INCHES OF BITUMINOUS CONCRETE. ALL COST TO SAW CUT TO BE INCLUDED IN THE BID ITEM FOR AGGREGATE FOR MOT (STAGE 1) AND BITUMINOUS CONCRETE (STAGE 2). SEE STANDARD DETAILS R-15A AND R-15B.
- REPLACE CONCRETE SIDEWALKS IN ACCORDANCE WITH STANDARD DETAIL R-19.
- REPLACE CONCRETE CURB AND GUTTER IN ACCORDANCE WITH STANDARD DETAIL R-21.
- TRENCH REPAIR SHALL BE IN ACCORDANCE WITH STANDARD DETAILS G-6 AND R-38.
- SEWER PIPE BEDDING FOR ALL PIPE MATERIALS SHALL BE IN ACCORDANCE WITH STANDARD DETAIL S-7 EXCEPT AS MODIFIED BY THE SPECIAL PROVISIONS.
- EXISTING TOPSOIL AND SUBSOIL SHALL BE SEQUESTERED, SALVAGED AND REUSED WHEN SUITABLE. SOIL SHALL BE STOCKPILED IN ACCORDANCE WITH SEDIMENT AND EROSION CONTROL PLAN NOTES, SHEET ES-3. CONTRACTOR SHALL SALVAGE AND PLACE TOPSOIL IN ACCORDANCE WITH BALTIMORE COUNTY STANDARD SPECIFICATIONS, CATEGORY 700, LANDSCAPING.
- CONCRETE TRENCH ENCASEMENT SHALL BE IN ACCORDANCE WITH STANDARD DETAIL G-8. SEE SEWER PROFILES, SHEETS C-1 THRU C-2 FOR LOCATIONS.
- LOCATIONS OF HOUSE CONNECTIONS ARE SHOWN FOR INFORMATION ONLY. FINAL LOCATION WILL BE DETERMINED IN THE FIELD BY THE INSPECTOR.
- CONTRACTOR TO INSTALL 6" PVC HOUSE CONNECTION LATERALS FROM MAIN TO 4" PVC RISER AT PROPERTY LINE AS PER STD. DETAIL S-12A.
- INSIDE DIAMETER OF ALL MANHOLES WILL BE AS SHOWN ON THE DRAWINGS.
- ALL MANHOLES SHALL BE IN ACCORDANCE WITH DETAILS BALTIMORE COUNTY STANDARD DETAILS S-4, S-5 AND S-15.
- AN INTERMEDIATE LANDING OR PLATFORM IS REQUIRED TO BE INSTALLED IN ALL MANHOLES EXCEEDING TWENTY FEET (20') DEEP. A LANDING OR PLATFORM SHALL BE PROVIDED FOR EACH TEN FEET (10') OF HEIGHT OR FRACTION THEREOF.

**STANDARD STABILIZATION NOTE**

FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION MUST BE COMPLETED WITHIN:

- THREE (3) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND
- SEVEN (7) CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE NOT UNDER ACTIVE GRADING.

**GENERAL BYPASS PUMPING NOTES:**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FLOODING OR DAMAGES THAT MAY RESULT FROM HIS OPERATION AND SHALL NOTIFY THE BUREAU OF UTILITIES OF THE PROPOSED BY-PASS METHOD AND SCHEDULE. CONTACT MR. RODNEY TURNER AT 410-887-7440.
- THE CONTRACTOR SHALL NOTIFY MR. RODNEY TURNER OF THE BUREAU OF UTILITIES AT 410-887-7440 AT LEAST 48 HOURS IN ADVANCE OF THE INTENDED START OF THE WORK AND COORDINATE ALL WORK WITH MR. TURNER. THE CONTRACTOR SHALL DETERMINE TO THE SATISFACTION OF THE COUNTY/CITY THAT THIS OPERATION WILL NOT RESULT IN SURCHARGING THE SEWER OR CAUSE FLOODING BACKUPS OR BACKFLOW INTO BASEMENTS.
- CONTRACTOR TO REFER TO SPECIFICATIONS CONCERNING ANY BYPASS PUMPING.
- DESIGN FLOW OF BYPASS PUMPING SYSTEM SHALL BE NO LESS THAN 3.0 MGD. INFORMATION ON EXISTING SANITARY FLOWS AND PROPOSED DESIGN FLOW IS IN THE TABLE BELOW.

OVERBROOK ROAD SEWER FLOW INFORMATION	
DESCRIPTION	VALUE
METERED AVERAGE DAILY FLOW AT MH-902151 (2/5/25-7/15/2025)	0.381 MGD
METERED PEAK DRY WEATHER FLOW AT MH-902151 (2/21/2025)	0.532 MGD
METERED PEAK WET WEATHER FLOW AT MH-902151 (7/13/2025)	2.149 MGD
PEAK EVENT RAINFALL AMOUNT (7/13/2025)	2.89 IN.
PEAK EVENT RAINFALL DURATION (7/13/2025)	3 HRS.
PEAK EVENT SURCHARGE LEVEL AT MH-902151 (7/13/2025)	56.8 IN.
VALUE OF MANNING'S "N" COEFFICIENT (15-INCH)	0.013
HYDRAULIC CAPACITY OF EXISTING CRITICAL SEWER (MH-275 TO TCM-902151, 8-INCH @ 2.56% SLOPE)	1.33 MGD
HYDRAULIC CAPACITY OF PROPOSED CRITICAL SEWER (MH-902151 TO TCM-158, 15-INCH @ 1.00% SLOPE)	4.45 MGD

**CONSTRUCTION SEQUENCE OVERVIEW**

- NOTIFY MISS UTILITY, (800) 257-7777 72 HOURS PRIOR TO EXCAVATION. THE DAY OF THE CALL IS NOT COUNTED AS ONE OF THESE DAYS.
- SETUP MAINTENANCE OF TRAFFIC SIGNAGE AND DEVICES AS REQUIRED.
- CLEAR AND GRUB FOR SEDIMENT & EROSION CONTROL MEASURES OR DEVICES ONLY.
- INSTALL ALL SEDIMENT & EROSION CONTROL MEASURES AND DEVICES.
- CONTRACTOR SHALL USE MEANS & METHODS TO ENSURE LOD ACCESS THROUGH THE SITE REMAINS STABLE & NON-ERODABLE THROUGHOUT THE DURATION OF CONSTRUCTION.
- INSTALL PROPOSED UTILITIES. EXCAVATE ONLY FOR LENGTH OF PIPE THAT CAN BE INSTALLED, BACKFILLED, COMPACTED & STABILIZED DURING ONE WORKING DAY. UPON COMPLETION OF PIPE INSTALLATION, THE CONTRACTOR SHALL STABILIZE ANY EXPOSED SOIL AREAS WITH PERMANENT SEED & SOIL STABILIZATION MATTING.
- TEST PROPOSED PIPE IN ACCORDANCE WITH BALTIMORE COUNTY STANDARDS.
- CONNECT PROPOSED UTILITIES TO EXISTING UTILITIES AND PLACE INTO SERVICE.
- RESTORE SITE TO PRE-EXISTING CONDITIONS INCLUDING, BUT NOT LIMITED TO, PAVEMENT MARKINGS, TRENCH AND ROAD RESTORATION, AND LANDSCAPING.
- PROVIDE AS-BUILT RECORDS TO ENGINEER.
- REFER TO SHEET C-1 FOR SUGGESTED SEQUENCE OF CONSTRUCTION.

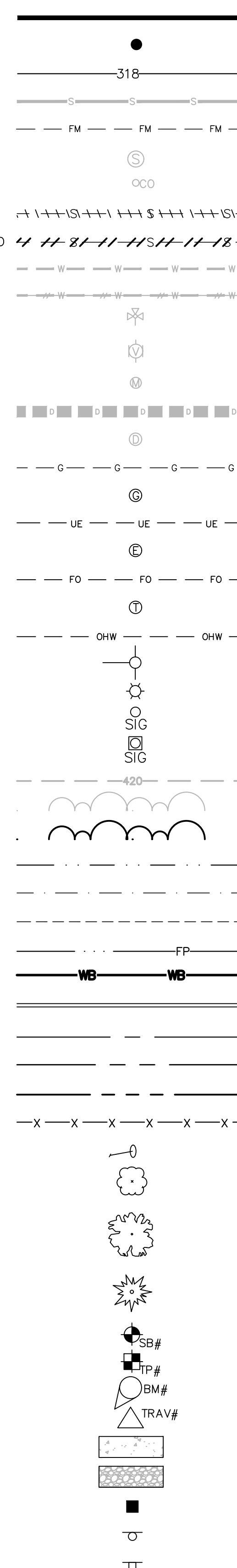
**STORMWATER MANAGEMENT NOTE**

STORMWATER MANAGEMENT HAS BEEN ADDRESSED VIA STORMWATER MANAGEMENT VARIANCE.

**PLAN**

- PROPOSED SANITARY SEWER PIPE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED CONTOUR
- EXISTING SANITARY SEWER
- EXISTING SANITARY FORCE MAIN
- EXISTING SANITARY SEWER MANHOLE
- EXISTING SANITARY CLEANOUT
- EXISTING ABANDONED SANITARY SEWER
- EXISTING SANITARY SEWER TO BE ABANDONED
- EXISTING WATER LINE
- ABANDONED WATER LINE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING STORM DRAIN
- EXISTING STORM DRAIN MANHOLE
- EXISTING GAS LINE
- EXISTING CIRCULAR GAS CAP
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UTILITY MANHOLE
- EXISTING FIBER OPTIC CABLE
- EXISTING UTILITY MANHOLE
- EXISTING OVERHEAD WIRES
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING SIGNAL POLE
- EXISTING SIGNAL POLE W/ CONCRETE BASE
- EXISTING CONTOUR
- EXISTING WOODS LINE
- PROPOSED WOODS LINE
- EXISTING STREAM THALWEG
- EXISTING STREAM BOTTOM BANK
- EXISTING TOP BANK
- EXISTING 100-YEAR FLOODPLAIN
- EXISTING 25' WETLAND BUFFER
- EXISTING CURB AND GUTTER
- EXISTING ROAD CENTERLINE
- EXISTING PROPERTY LINE
- EXISTING RIGHT OF WAY
- EXISTING FENCE
- GUY WIRE
- LARGE BUSH
- DECIDUOUS TREE
- CONIFEROUS TREE
- SOIL BORING
- UTILITY TEST PIT
- SURVEY BENCHMARK
- SURVEY TRAVERSE
- EXISTING CONCRETE
- EXISTING GRAVEL
- WOODEN POST
- SIGN (METAL POST)
- SIGN (WOODEN POST)

**LEGEND**



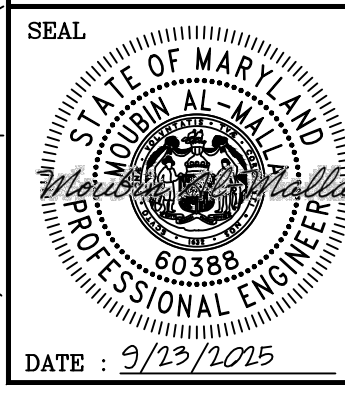
STORMWATER MANAGEMENT PERMIT NOT REQUIRED

**DATUM NOTE**  
 DESIGN AND DRAWING BASED ON THE MARYLAND COORDINATE SYSTEM (MCS).  
 HORIZONTAL - NAD 83/11  
 VERTICAL - NAVD 88

**CONTRACT COMPLETION BOX**  
 CONTRACTOR: \_\_\_\_\_  
 DATE COMPLETED: \_\_\_\_\_  
 INSPECTOR: \_\_\_\_\_  
 PIPE MATERIAL: \_\_\_\_\_

SHEET DESIGNATION	CONTRACT NUMBER
G-2	25185 SX0
PROJECT NUMBER	
PROJ-10001321	
SHEET 2 OF 12	
DRAWING NUMBER	
2025-3253	
FILE NO.: 1	

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PROFESSIONAL CERTIFICATION		AS-BUILT / REVISION	BY	DATE	P.W.A. NO.	KEY SHEET	POSITION	SHT	DRAWING SCALE	DPW AND TRANSPORTATION	
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. 60388 EXPIRATION DATE 01/08/2025					R.O.W. NO.				PLAN SCALE: N/A PROFILE SCALE: HOR. N/A VERT. N/A	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES	
ENGINEER: MOUBIN AL-MALLA	DON BY: APR	BUREAU OF ENGINEERING AND CONSTRUCTION	TRAFFIC	HIGHWAYS	STRUCTURES	STORM DRAINS	SEWER	WATER	FIELD ENGINEER	BUR. OF ENGINEERING & CONSTRUCTION	
<b>AECOM</b> 7 SAINT PAUL STREET, 17TH FLOOR BALTIMORE, MD. 21202 (410) 637-1700	DWN BY: BW	REVIEWED BY:	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES							SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES	
	CHKD BY: MAM	DATE REVIEWED:									

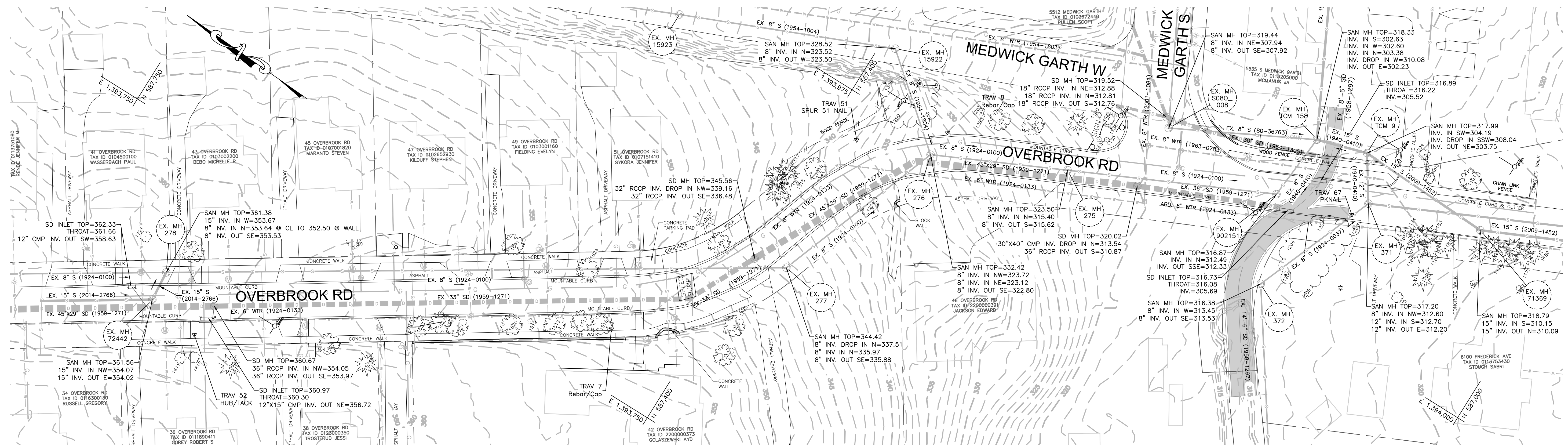
BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION

**OVERBROOK ROAD RELIEF SEWER EXTENSION**

GENERAL NOTES AND LEGEND

SUBDIVISION: CATONSVILLE

ELECTION DISTRICT NO.: 1c1



PLAN: OVERBROOK RD  
SCALE: 1" = 30'

**GENERAL NOTES:**

- SEE BGE FACILITIES NOTE, SHEET G-1.
- SEE SHEET C-3 FOR LOCATION OF SOIL BORING AND UTILITY TEST PITS.

**BENCHMARK INFORMATION**

TRAV. NO.	EASTING	NORTHING	ELEVATION	DESCRIPTION
7	1393782.65	587445.09	352.09	REBAR/CAP
8	1393983.30	587339.94	331.09	REBAR/CAP
50	1394041.77	587043.77	319.33	HUB/TACK
51	1393951.73	587382.32	336.58	SPUR 51 NAIL
52	1393651.26	587649.26	361.22	HUB/TACK
67	1394067.55	587114.81	316.94	PKNAIL

**TREE INFORMATION**

Tree Number	Easting	Northing	Elevation	Size	Type
1103	1394121.60	587067.23	318.45	24"	Deciduous
1141	1394028.28	587278.86	322.74	24"	Coniferous
1174	1394088.89	587039.86	319.42	12"	Coniferous
1175	1394095.25	587035.50	319.71	12"	Coniferous
1176	1394094.39	587028.35	319.64	6"	Coniferous
1178	1394100.53	587024.61	319.69	12"	Coniferous
1179	1394099.64	587016.81	320.12	12"	Coniferous
1180	1394105.30	587013.63	320.24	12"	Coniferous
1181	1394082.11	587059.24	318.67	12"	Coniferous
1182	1394075.97	587065.80	318.22	6"	Coniferous
1183	1394080.09	587071.66	318.22	9"	Coniferous
1184	1394077.34	587076.12	318.13	6"	Coniferous
1185	1394071.42	587080.99	318.08	12"	Coniferous
1186	1394070.62	587071.17	318.33	12"	Coniferous
1196	1394057.88	587060.51	318.63	9"	Coniferous
1254	1393923.25	587357.18	337.4	12"	Deciduous
1280	1394013.69	587300.09	325.05	2"	Deciduous
1281	1394005.69	587318.05	326.66	2"	Deciduous
1281	1394005.69	587318.05	326.66	2"	Deciduous
1317	1393915.19	587407.72	341.91	2"	Coniferous
1318	1393912.65	587404.08	341.23	2"	Coniferous

Tree Number	Easting	Northing	Elevation	Size	Type
1328	1393822.15	587385.53	350.88	48"	Deciduous
1332	1393804.78	587381.35	353.17	12"	Deciduous
1440	1393900.88	587405.85	343.01	2"	Coniferous
1441	1393903.58	587407.60	342.86	2"	Coniferous
1442	1393908.45	587409.54	342.62	2"	Coniferous
1451	1393858.61	587418.71	346.67	2"	Deciduous
1483	1393865.81	587433.16	349.67	48"	Coniferous
1516	1393782.40	587451.43	352.31	9"	Deciduous
1517	1393777.54	587462.27	352.99	12"	Deciduous
1518	1393767.50	587474.91	353.64	12"	Deciduous
1520	1393754.05	587495.93	354.84	12"	Deciduous
1521	1393736.62	587522.18	356.05	9"	Deciduous
1522	1393733.29	587531.62	356.55	12" TWIN	Deciduous
1523	1393724.79	587540.91	357	12" TWIN	Deciduous
1524	1393689.88	587555.57	360.26	36"	Coniferous
1525	1393688.29	587580.10	358.84	36"	Deciduous
1562	1393646.85	587622.25	362.98	2"	Coniferous
1624	1393805.21	587475.77	352.88	12"	Deciduous
1641	1393794.01	587519.84	355.56	12"	Deciduous
1715	1393691.87	587675.44	361.22	12"	Deciduous

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM: NAD 83/11 VERTICAL - NAVD 88

**CONTRACT COMPLETION BOX**

CONTRACTOR: \_\_\_\_\_

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

INSPECTOR: \_\_\_\_\_

PIPE MATERIAL: \_\_\_\_\_

SHEET DESIGNATION	CONTRACT NUMBER
G-3	25185 SX0
PROJECT NUMBER	
PROJ-10001321	
SHEET 3 OF 12	
DRAWING NUMBER	
2025-3254	
FILE NO.: 1	

**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. 60388 EXPIRATION DATE 01/08/2025

ENGINEER: MOUBIN AL-MALLA

DON BY: APR

DWN BY: BW

CHKD BY: MAM

AS-BUILT / REVISION

BY DATE P.W.A. NO. KEY SHEET POSITION SHI

R.O.W. NO. GNV 7SW19

AS-BUILTS CHECKED

BUREAU OF ENGINEERING AND CONSTRUCTION

TRAFFIC HIGHWAYS STRUCTURES STORM DRAINS SEWER

REVIEWED BY:

DATE REVIEWED:

DRAWING SCALE

PLAN SCALE: 1"=30'

PROFILE SCALE: HOR. N/A VERT. N/A

DPW AND TRANSPORTATION

SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES

BUR. OF ENGINEERING & CONSTRUCTION

SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION

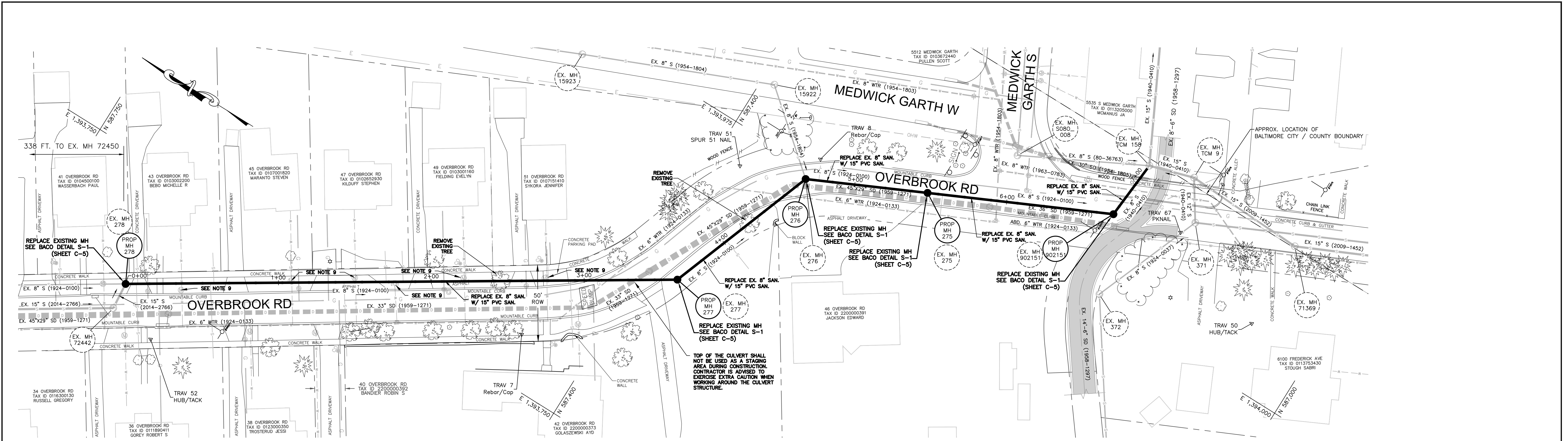
OVERBROOK ROAD RELIEF SEWER EXTENSION

SITE PLAN - EXISTING CONDITIONS

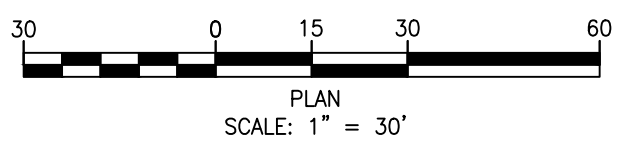
SUBDIVISION: CATONSVILLE

ELECTION DISTRICT NO.: 1c1

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PLAN: OVERBROOK RD  
SCALE: 1" = 30'



**NOTES:**

- EXISTING UTILITIES HAVE BEEN LOCATED FROM THE BEST AVAILABLE INFORMATION AND ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY THE EXISTENCE, SIZE, TYPE, DEPTH AND LOCATION OF ALL UTILITIES TO HIS OWN SATISFACTION PRIOR TO STARTING ANY WORK. ANY DISCREPANCIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BEGINNING WORK.
- SEE BGE FACILITIES NOTE ON SHEET C-1.
- RECONNECT EXISTING SANITARY HOUSE CONNECTIONS INTO NEW 15" SANITARY.
- SEE BYPASS PUMPING NOTES ON SHEET G-2.
- IT IS THE INTENT OF THESE PLANS TO BE IN ACCORDANCE WITH THE APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR ALL ITEMS SHOWN IN PROJECT PLANS AND LISTED IN PROJECT SPECIFICATIONS.
- ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH BALTIMORE COUNTY STANDARDS.
- TOPOGRAPHIC INFORMATION WAS OBTAINED FROM THE SURVEY PREPARED BY BALTIMORE COUNTY DATED 10/03/24.
- EXISTING FIRE HYDRANT AND METERS (43, 45, 47, 49, & 51 OVERBROOK RD) TO BE REMOVED AND REPLACED.

**SUGGESTED SEQUENCE OF CONSTRUCTION**

- TEST PIT FOR LOCATION AND ELEVATION OF ALL UTILITY CROSSINGS AND INFORM THE ENGINEER IN CASE OF ANY DISCREPANCIES.
- PRIOR TO START OF CONSTRUCTION WORK, SET UP:
  - SEDIMENT AND EROSION CONTROL MEASURES FOR EACH SECTION OF THE PIPE AND MANHOLES.
  - MAINTENANCE OF TRAFFIC AS NEEDED FOR CONSTRUCTION OF EACH SECTION OF THE PIPE AND MANHOLES.
- PERFORM BYPASS PUMPING OF EX. 8" SEWER FROM EX. MH-277 TO EX. MH TCM-9 AND FROM EX. MH-15922 (MEDWICK GARTH W) TO EX. MH-S080\_008 (MEDWICK GARTH S).
- MODIFY/REPAIR EX. BRICK MH TCM-158 WALL AT INTERNAL DROP CONNECTION TO REMOVE EX. 8" PIPE AND ACCOMMODATE PROPOSED 15" PIPE.
- PROVIDE TEMPORARY SEWER SERVICE FOR HOUSE NO. 46 OVERBROOK RD.
- INSTALL 15" PIPE, PROP. MH-902151, PROP. MH-275, PROP. MH-276 AND SECTION OF 15" PIPE UPSTREAM OF PROP. MH-276, REPLACING EX. 8" PIPE, EX. MH-902151, EX. MH-275, EX. MH-276 AND SECTION OF 8" PIPE UPSTREAM OF EX. MH-276.
- TEST PIPING AND MANHOLES BETWEEN PROP. MH-276 AND EX. MH TCM-158.
- RECONNECT SHC FOR HOUSE NO. 46 OVERBROOK RD. AND RECONNECT 8" SEWER FROM MEDWICK GARTH W TO PROP. MH-276.
- TEMPORARILY CONNECT EX. 8" SEWER DOWNSTREAM OF EX. MH-277 TO INSTALLED SECTION OF 15" SEWER UPSTREAM OF PROP. MH-276.
- TERMINATE BYPASS PUMPING OF EX. 8" SEWER FROM EX. MH-277 TO EX. MH TCM-9 AND FROM EX. MH-15922 TO EX. MH-S080\_008.
- CONSTRUCT A TEMPORARY DIVERSION OF THE 8" SEWER 10 FT. UPSTREAM OF EX. MH-278 TO DIVERT FLOW TO EX. MH-72442. THIS 8" SEWER RECEIVES FLOW FROM 6 HOUSES (NOS. 31 THROUGH 41) ON EAST SIDE OF OVERBROOK RD. BETWEEN EX. MH-278 AND EX. MH-72450.
- PROVIDE TEMPORARY SEWER SERVICE FOR 9 HOUSES ON EAST AND WEST SIDES OF OVERBROOK ROAD (HOUSE NOS. 36 THROUGH 51) BETWEEN EX. MH-278 AND PROP. MH-276.
- PERFORM BYPASS PUMPING OF EX. 15" SEWER FROM EX. MH-72442 TO PROP. MH-276.
- INSTALL 15" PIPE, PROP. MH-277 AND PROP. MH-278, REPLACING EX. 8" PIPE, EX. MH-277 AND EX. MH-278.
- TEST PIPING AND MANHOLES BETWEEN PROP. MH-276 AND PROP. MH-278.
- RECONNECT SEWER HOUSE CONNECTIONS TO NEW SEWER AND RECONNECT EX. 8" AND 15" SEWERS TO PROP. MH-278.
- TERMINATE BYPASS PUMPING OF EX. 15" SEWER FROM EX. MH-72442 TO PROP. MH-276.

**Proposed Manholes**

Manhole Name	Manhole Type	Detail Number	Station	Northing	Easting	Rim Elevation
278	Standard Sanitary Sewer (Concentric Cylindrical Structure)	S-1	0+00.00'	587,682.29	1,393,673.30	361.56'
277	Standard Sanitary Sewer (Concentric Cylindrical Structure)	S-1	3+61.00'	587,377.62	1,393,866.94	344.35'
276	Standard Sanitary Sewer (Concentric Cylindrical Structure)	S-1	4+67.64'	587,341.28	1,393,967.20	332.41'
275	Standard Sanitary Sewer (Concentric Cylindrical Structure)	S-1	5+47.91'	587,268.85	1,394,001.78	323.53'
902151	Standard Sanitary Sewer (Concentric Cylindrical Structure)	S-1	6+70.32'	587,158.33	1,394,054.42	316.93'

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM: NAD 83/11 VERTICAL - NAVD 88

**CONTRACT COMPLETION BOX**

CONTRACTOR: \_\_\_\_\_

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

INSPECTOR: \_\_\_\_\_

PIPE MATERIAL: \_\_\_\_\_



PROFESSIONAL CERTIFICATION		AS-BUILT / REVISION	BY	DATE	P.W.A. NO.	KEY SHEET	POSITION SHI	DRAWING SCALE	DPW AND TRANSPORTATION	
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. 60388 EXPIRATION DATE 01/08/2025								PLAN SCALE: 1"=30' HOR. N/A VERT. N/A	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES	
ENGINEER: MOUBIN AL-MALLA	DON BY: APR	BUREAU OF ENGINEERING AND CONSTRUCTION	TRAFFIC	HIGHWAYS	STRUCTURES	STORM DRAINS	SEWER	WATER	FIELD ENGINEER	
<b>AECOM</b> 7 SAINT PAUL STREET, 17TH FLOOR BALTIMORE, MD 21202 (410) 637-1700	DWN BY: BJW CHKD BY: MAM	REVIEWED BY:	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES						SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES	

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION

OVERBROOK ROAD RELIEF SEWER EXTENSION

PLAN - OVERBROOK RD

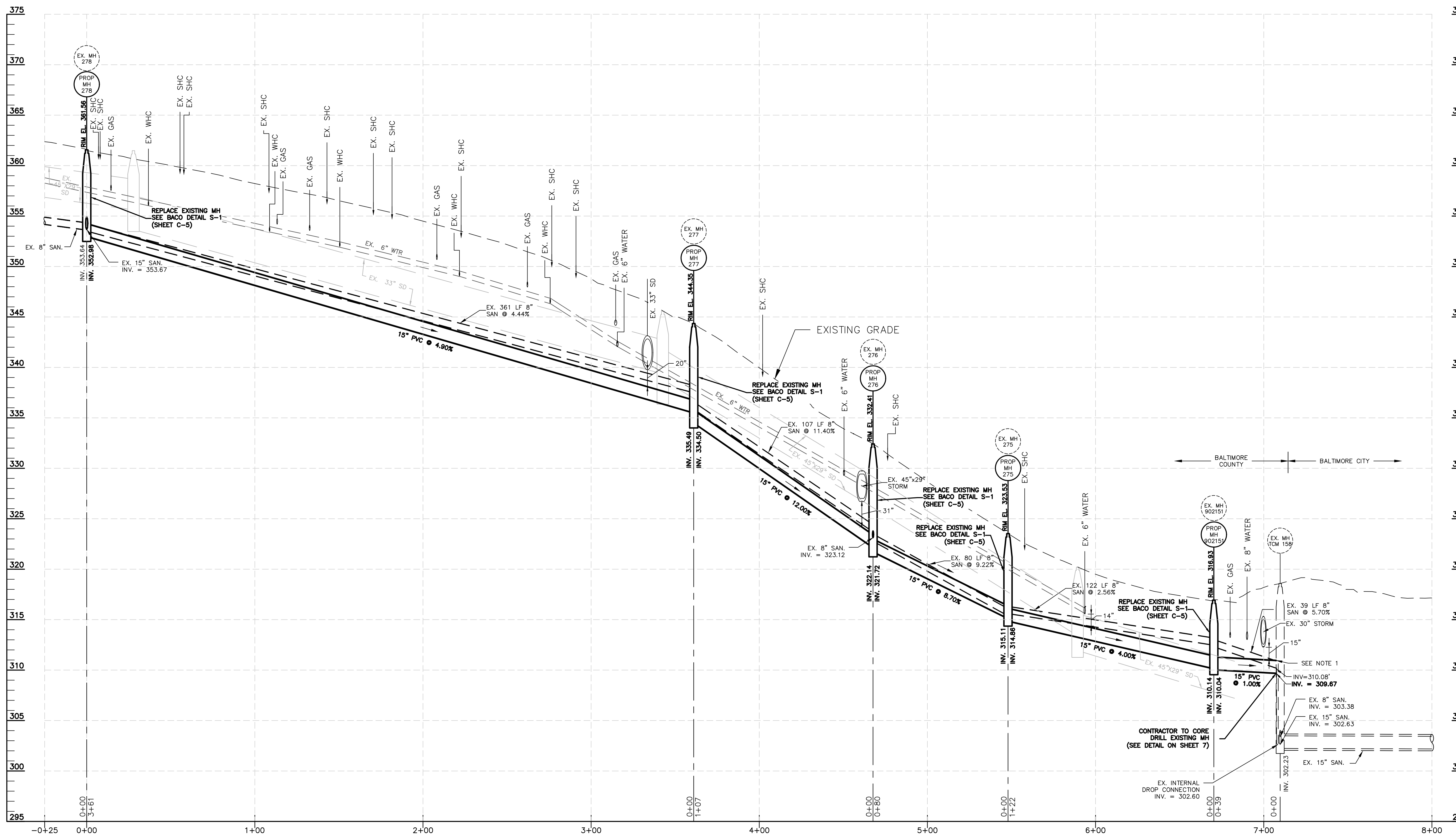
SUBDIVISION: CATONSVILLE

ELECTION DISTRICT NO.: 1c1

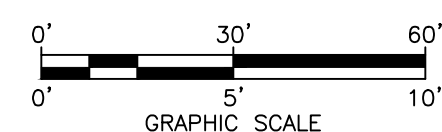
SHEET DESIGNATION	CONTRACT NUMBER
C-1	25185 SX0
PROJECT NUMBER	
PROJ-10001321	
SHEET 4 OF 12	
DRAWING NUMBER	
2025-3255	
FILE NO.: 1	

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Oct. 27, 2025 - 2:25pm

- NOTES:
1. MODIFY AND REPAIR TCM-158 BRICK MANHOLE WALL AT INTERNAL DROP CONNECTION TO ACCOMMODATE NEW 15" PVC SEWER CONNECTION. REFER TO DETAIL ON SHEET 7.



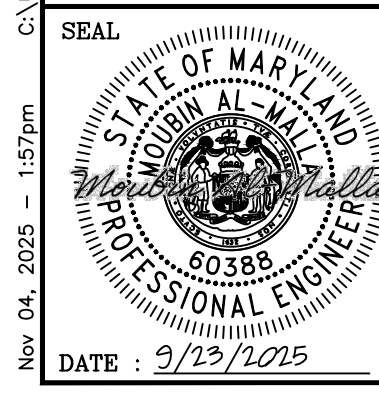
PROFILE: OVERBROOK RD



DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM: NAD 83/11 VERTICAL - NAVD 88

CONTRACT COMPLETION BOX	
CONTRACTOR:	
DATE COMPLETED:	
INSPECTOR:	
PIPE MATERIAL:	

SHEET DESIGNATION	CONTRACT NUMBER
C-2	25185 SX0
PROJECT NUMBER	
PROJ-10001321	
SHEET 5 OF 12	
DRAWING NUMBER	
2025-3256	
FILE NO.: 1	



PROFESSIONAL CERTIFICATION		AS-BUILT / REVISION		BY	DATE	P.W.A. NO.	KEY SHEET	POSITION	SHT	DRAWING SCALE	DPW AND TRANSPORTATION
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.										PLAN SCALE: N/A	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES
LICENSE NO. 60388 EXPIRATION DATE 01/08/2025		AS-BUILTS CHECKED				R.O.W. NO.	GNW	7S19		PROFILE SCALE: HOR. 1"=30'	
ENGINEER: MOUBIN AL-MALLA		BUREAU OF ENGINEERING AND CONSTRUCTION		TRAFFIC	HIGHWAYS	STRUCTURES	STORM DRAINS	SEWER	WATER	FIELD ENGINEER	BUR. OF ENGINEERING & CONSTRUCTION
DGN BY: APR		REVIEWED BY:		SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES		SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES					
DWN BY: BW		DATE REVIEWED:									
CHKD BY: MAM											

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION

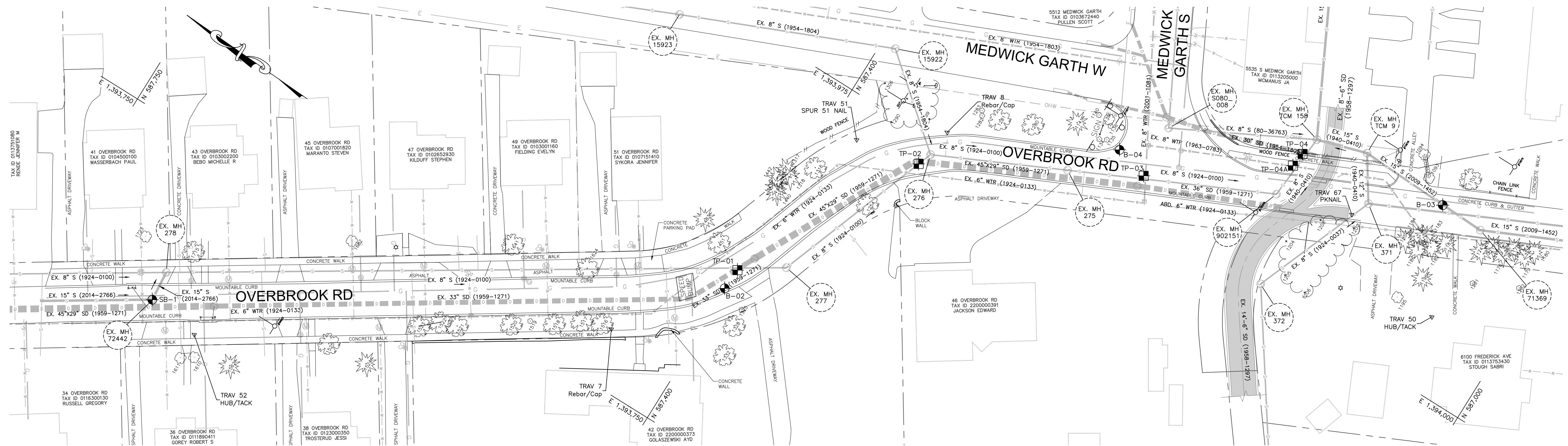
OVERBROOK ROAD RELIEF SEWER EXTENSION

PROFILE - OVERBROOK RD

SUBDIVISION: CATONSVILLE

ELECTION DISTRICT NO.: 1c1

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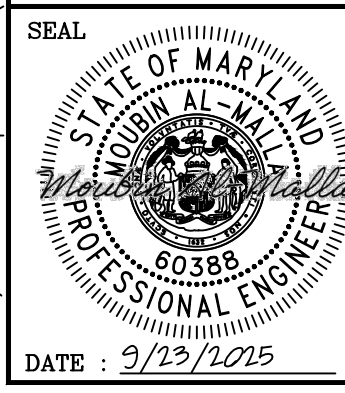
PLAN: OVERBROOK RD  
SCALE: 1" = 30'

UTILITY TEST PIT						
Test Pit #	Northing	Eastng	Utility	Depth	Top Elev.	Date Dug
1	548400.9847	1393850.6461	33" STORM DRAIN	3.45'	343.15'	5/19/25
2	587344.3163	1393958.9859	45"x29" STORM DRAIN	3.39'	329.78'	5/19/25
3	587229.5283	1394022.5058	8" C.I. Water	3.74'	316.30'	5/19/25
4	587157.8228	1394082.3537	30" STORM DRAIN	2.95'	315.33'	5/19/25
4A	587158.9641	1394073.5417	8" C.I. Water	4.29'	313.77'	5/19/25
*All depths are to top of pipe or structure unless the utility is a duct or other rectangular structure - then the depth shown is to the bottom.						

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM: NAD 83/11 VERTICAL - NAVD 88

CONTRACT COMPLETION BOX	
CONTRACTOR:	_____
DATE COMPLETED:	_____
INSPECTOR:	_____
PIPE MATERIAL:	_____

SHEET DESIGNATION	CONTRACT NUMBER
C-3	25185 SX0
PROJECT NUMBER	
PROJ-10001321	
SHEET 6 OF 12	
DRAWING NUMBER	
2025-3257	
FILE NO.: 1	



<b>PROFESSIONAL CERTIFICATION</b> 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. 60388 EXPIRATION DATE 01/08/2025 ENGINEER: MOUBIN AL-MALLA		AS-BUILT / REVISION AS-BUILTS CHECKED REVIEWED BY: DATE REVIEWED:		BY DATE P.W.A. NO. KEY SHEET POSITION SH1 R.O.W. NO. GNV 7SW19 BUREAU OF ENGINEERING AND CONSTRUCTION TRAFFIC HIGHWAYS STRUCTURES STORM DRAINS SEWER BUR. OF ENGINEERING & CONSTRUCTION		DRAWING SCALE PLAN SCALE: 1"=30' PROFILE SCALE: HOR. N/A VERT. N/A DPW AND TRANSPORTATION SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES	
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BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION

OVERBROOK ROAD RELIEF SEWER EXTENSION  
GEOTECHNICAL SOIL BORING AND UTILITY TEST PIT PLAN

SUBDIVISION: CATONSVILLE ELECTION DISTRICT NO.: 1c1

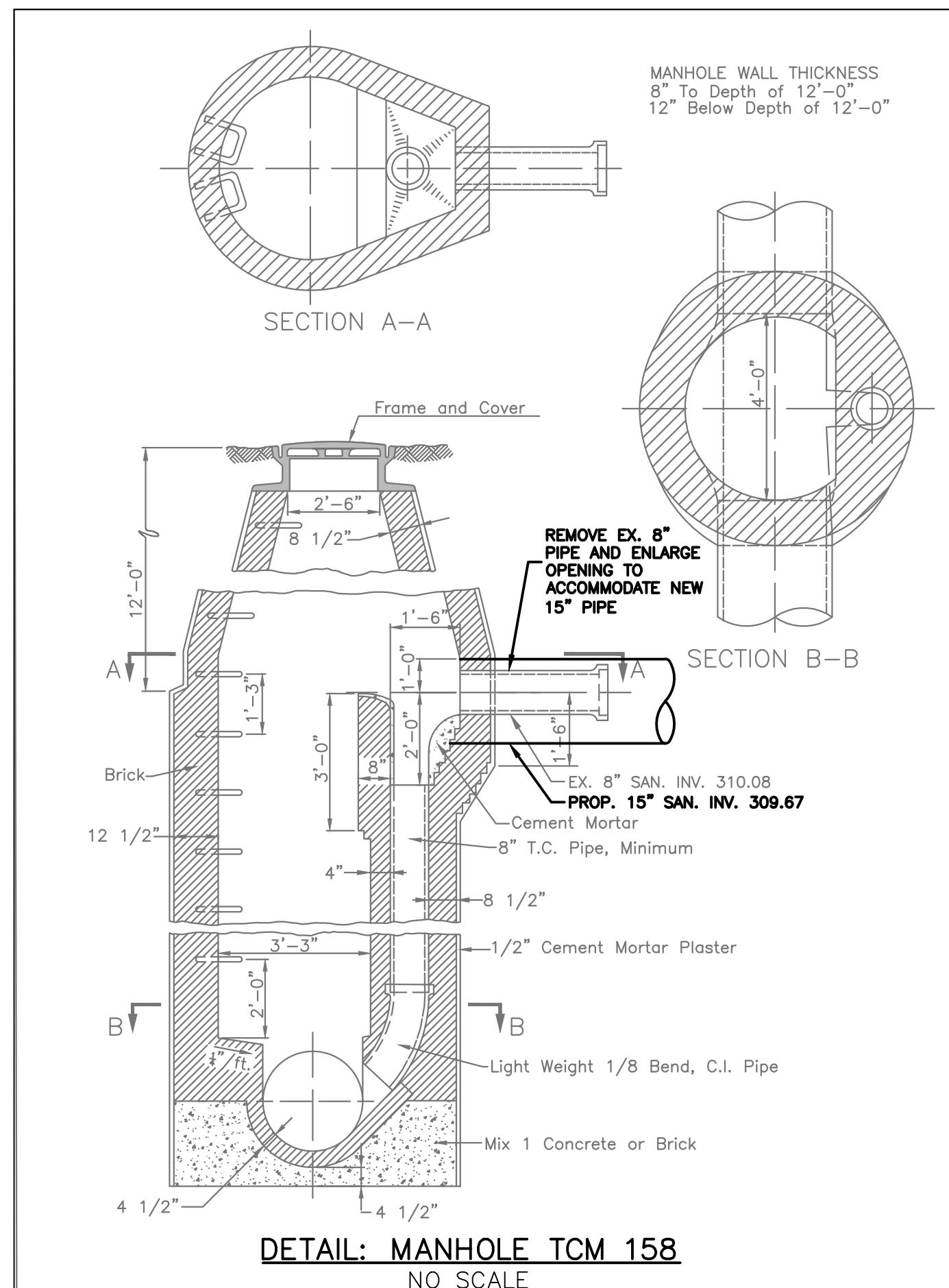
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Project No. 2015026-02		LOG OF BOREHOLE SB-1		Sheet 1 of 1	
CLIENT: Dewberry	PROJECT: Academy Hights Relief Sewer	SITE: Baltimore County Maryland			
ARCHITECT/ENGINEER:		SAMPLER TESTS			
		DEPTH (FT)	NUMBER	TYPE	REMARKS/ADDITIONAL DATA
		1-2.3 N=8	1	SS 18/18 100%	
		2-3.5 N=8	2	SS 18/18 89%	LL = 75 PL = 30 PI = 45
		4-4.5 N=9	3	SS 12/18 67%	
		3-5.5 N=10	4	SS 18/18 100%	
SURFACE ELEV.: 361.0 ft					
0.6 2" Asphalt and 5" Concrete					
Soft to firm reddish brown FINE SANDY CLAY (CL)					
10.0					
End of Boring @ 10 ft					
Upon completion, borehole was backfilled and patched with concrete and asphalt.					
WATER LEVEL OBSERVATIONS		AB Consultants, Inc.		STARTED: 3/31/15	FINISHED: 3/31/15
WL	Dry @ Drilling	9450 Annapolis Road	DRILL CO.: ABC	DRILL RIG: B61	
WL	Dry, caved in 7 ft @ 0 Hrs	Lanham, MD 20706	DRILLER: PS	ASST DRILLER:	
		Phone: 301-306-3091	LOGGED BY:	APPROVED:	
		Fax 301-306-3092			

Project No. 2022134-D		LOG OF BOREHOLE B-02		Sheet 1 of 1	
CLIENT: AECOM	PROJECT: Overbrook Road Relief Sewer Extension	SITE: Catonsville, Maryland			
ARCHITECT/ENGINEER:		SAMPLER TESTS			
		DEPTH (FT)	NUMBER	TYPE	REMARKS/ADDITIONAL DATA
		2-3.4 N=7	1	SS 18/18 100%	
		1-1.1 N=2	2	SS 10/18 56%	
		MOH-WOH-3	3	SS 10/18 56%	63
		2-2.3 N=5	4	SS 10/18 56%	LL = NP PL = NP PI = 0
		50/5"	5	SS 5/5 100%	
		50/5"	6	SS 5/5 100%	
SURFACE ELEV.: 361.0 ft					
1.0 4" Gravel Base					
Moist, Firm to Very Soft, Reddish-Brown, SANDY LEAN CLAY (CL)					
6.0					
Moist, Very Loose to Loose, Reddish-Brown, SANDY SILT (ML)					
- with clay from 6 to 8.5 ft.					
12.5					
Moist, Very Dense, Greenish-Gray, SILTY SAND (SM) with some rock fragments (Decomposed Rock)					
20.0					
- End of Boring @ 20 ft					
- Spoon refusal @ 19 ft					
- Borehole was backfilled and patched upon completion.					
WATER LEVEL OBSERVATIONS		AB Consultants, Inc.		STARTED: 5/5/25	FINISHED: 5/5/25
WL	Dry @ Drilling	9450 Annapolis Road	DRILL CO.: ABC	DRILL RIG: CME-45	
WL	Dry, caved in at 14.5' @ 0 Hrs	Lanham, MD 20706	DRILLER: WM	ASST DRILLER:	
		Phone: 301-306-3091	LOGGED BY:	APPROVED:	
		Fax 301-306-3092			

Project No. 2022134-D		LOG OF BOREHOLE B-04		Sheet 1 of 1	
CLIENT: AECOM	PROJECT: Overbrook Road Relief Sewer Extension	SITE: Catonsville, Maryland			
ARCHITECT/ENGINEER:		SAMPLER TESTS			
		DEPTH (FT)	NUMBER	TYPE	REMARKS/ADDITIONAL DATA
		3-3.4 N=7	1	SS 18/18 100%	
		2-3.4 N=7	2	SS 18/18 100%	LL = 66 PL = 23 PI = 43
		12-9.7 N=16	3	SS 18/18 89%	61
		4-7.9 N=16	4	SS 14/18 78%	
		50/5"	5	SS 5/5 100%	
SURFACE ELEV.: 361.0 ft					
0.6 2" Asphalt					
0.8 4" Concrete					
Moist, Firm, Dark Brown, SANDY LEAN CLAY (CL) (Possible Fill)					
3.0					
Moist, Firm, Brown and Tan, SANDY FAT CLAY (CH)					
6.0					
Moist, Medium Dense, Reddish-Brown, SANDY SILT (ML) with a trace of clay					
12.0					
Moist, Very Dense, Greenish-Gray, SILTY SAND (SM) with mica and some rock fragments (Decomposed Rock)					
15.0					
- End of Boring @ 15 ft					
- Spoon refusal @ 14 ft					
- Borehole was backfilled and patched upon completion.					
WATER LEVEL OBSERVATIONS		AB Consultants, Inc.		STARTED: 5/5/25	FINISHED: 5/5/25
WL	Dry @ Drilling	9450 Annapolis Road	DRILL CO.: ABC	DRILL RIG: CME-45	
WL	Dry, caved in at 10.5' @ 0 Hrs	Lanham, MD 20706	DRILLER: WM	ASST DRILLER:	
		Phone: 301-306-3091	LOGGED BY:	APPROVED:	
		Fax 301-306-3092			

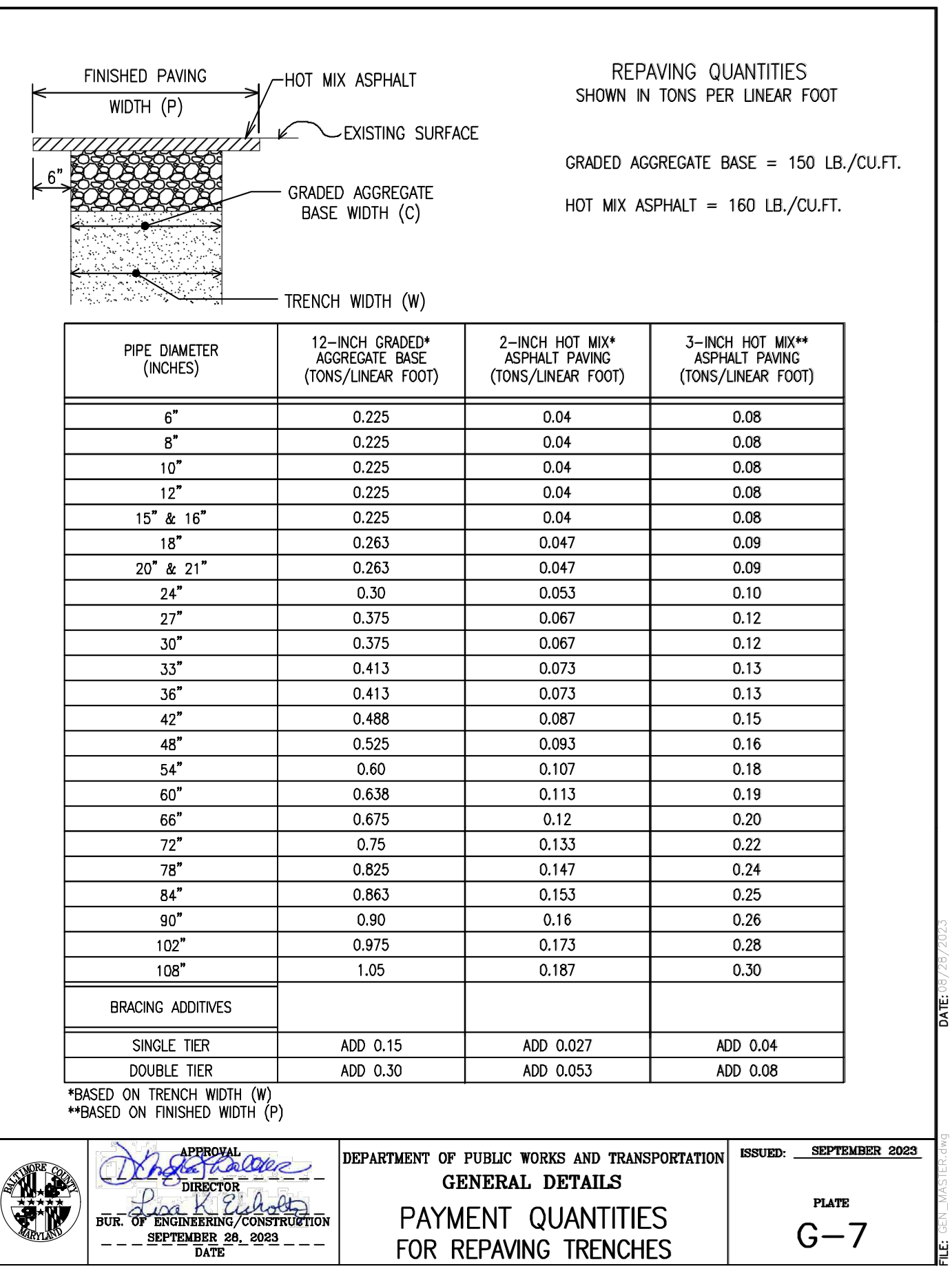
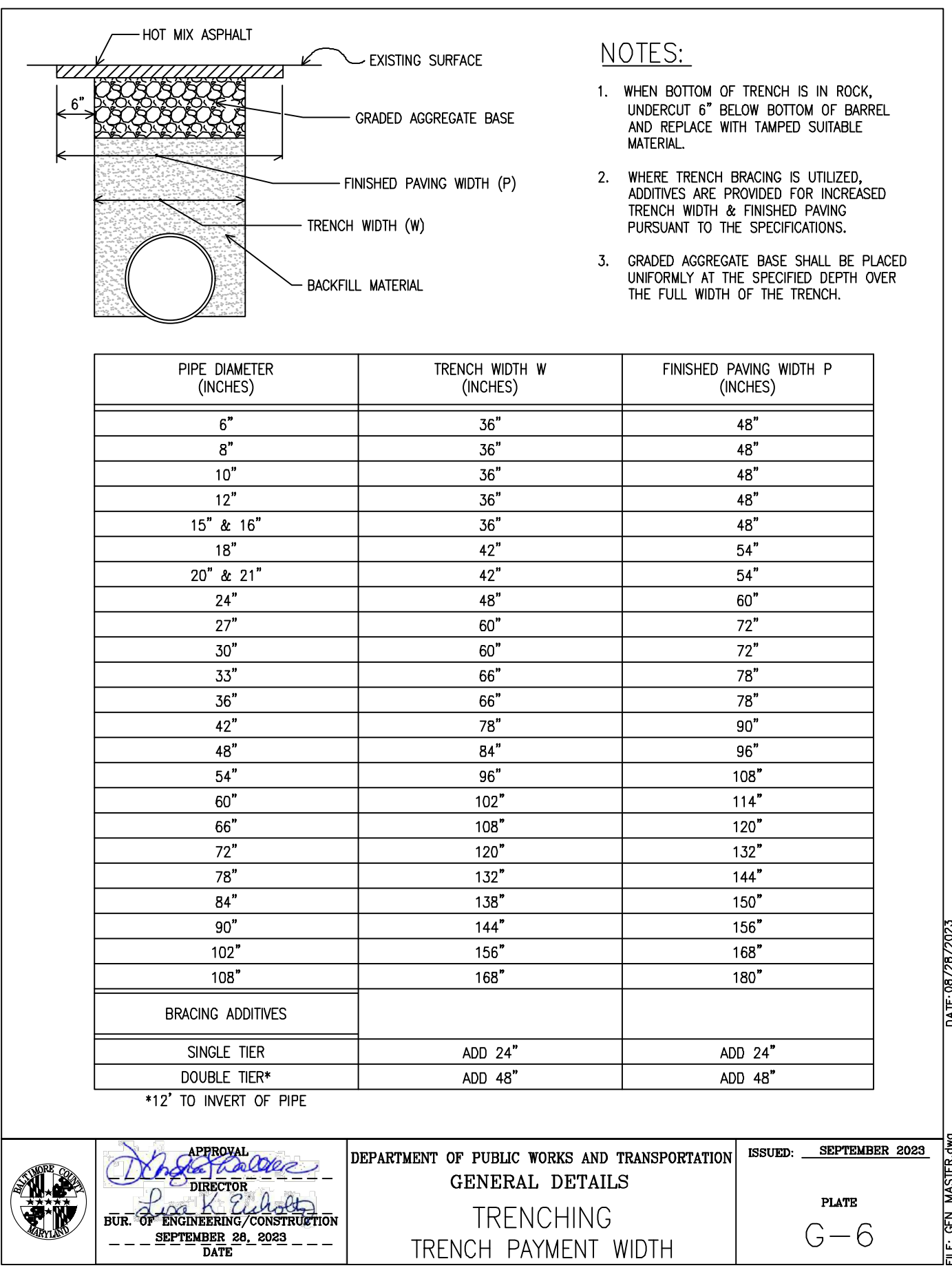
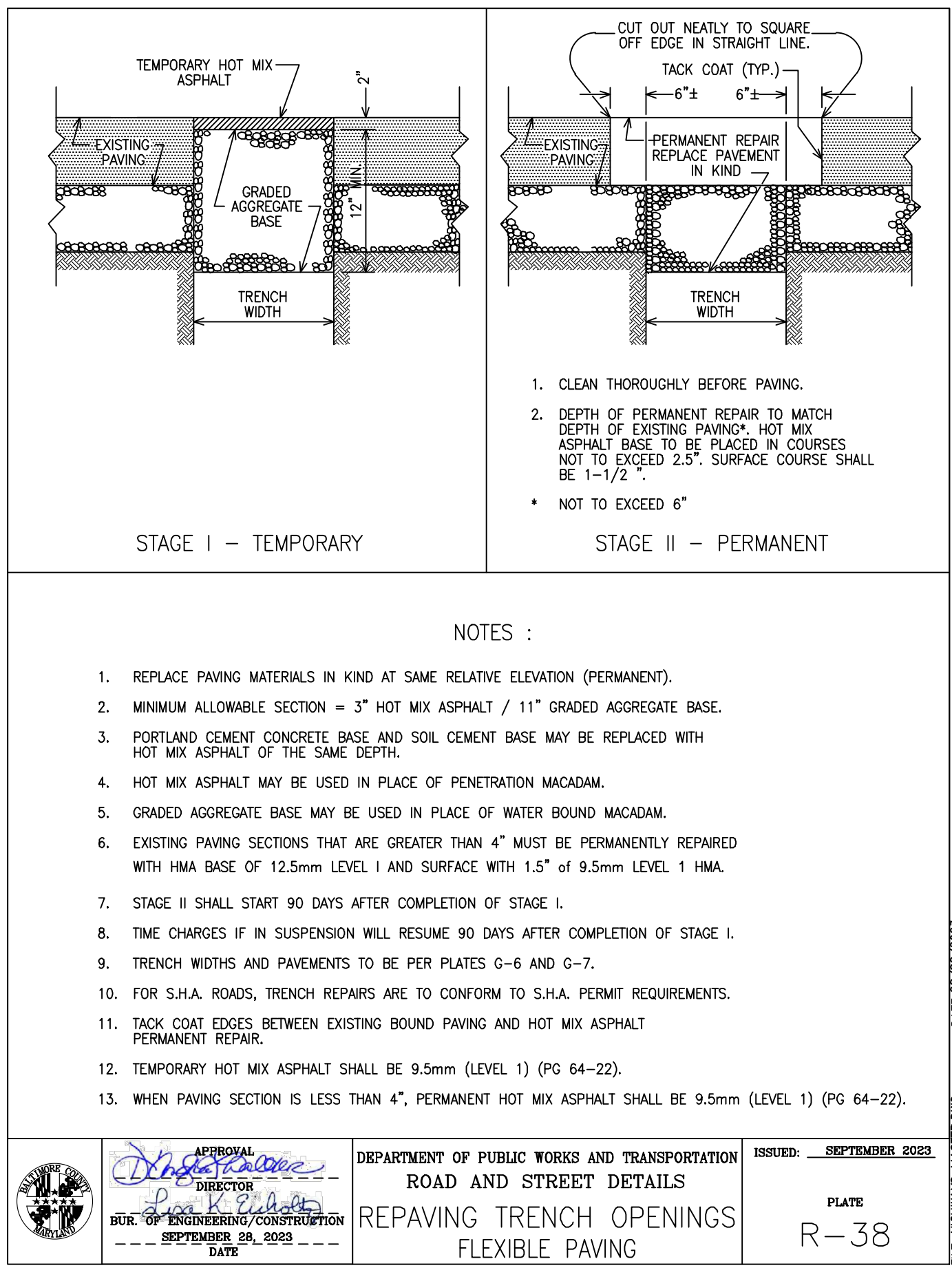
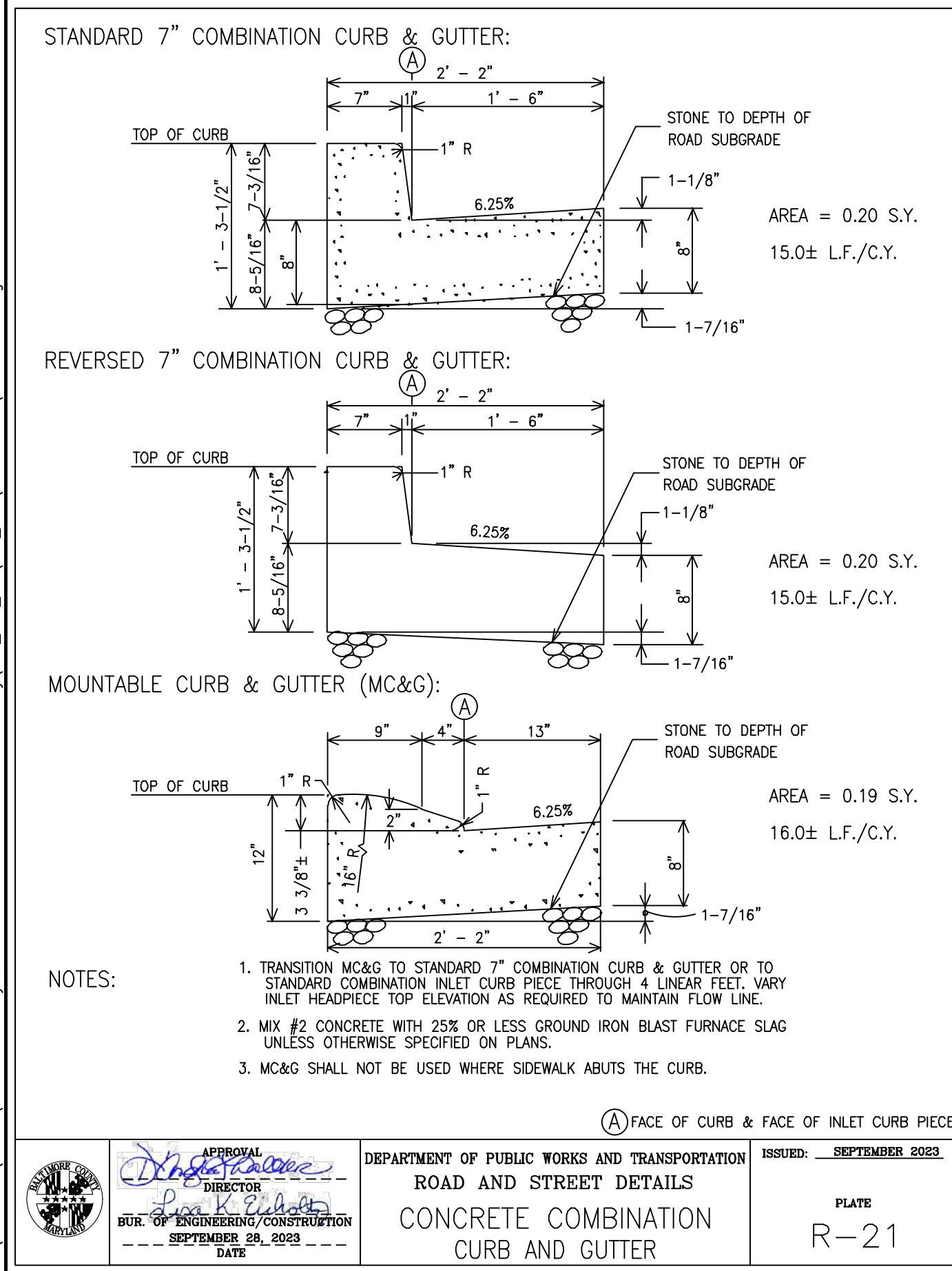
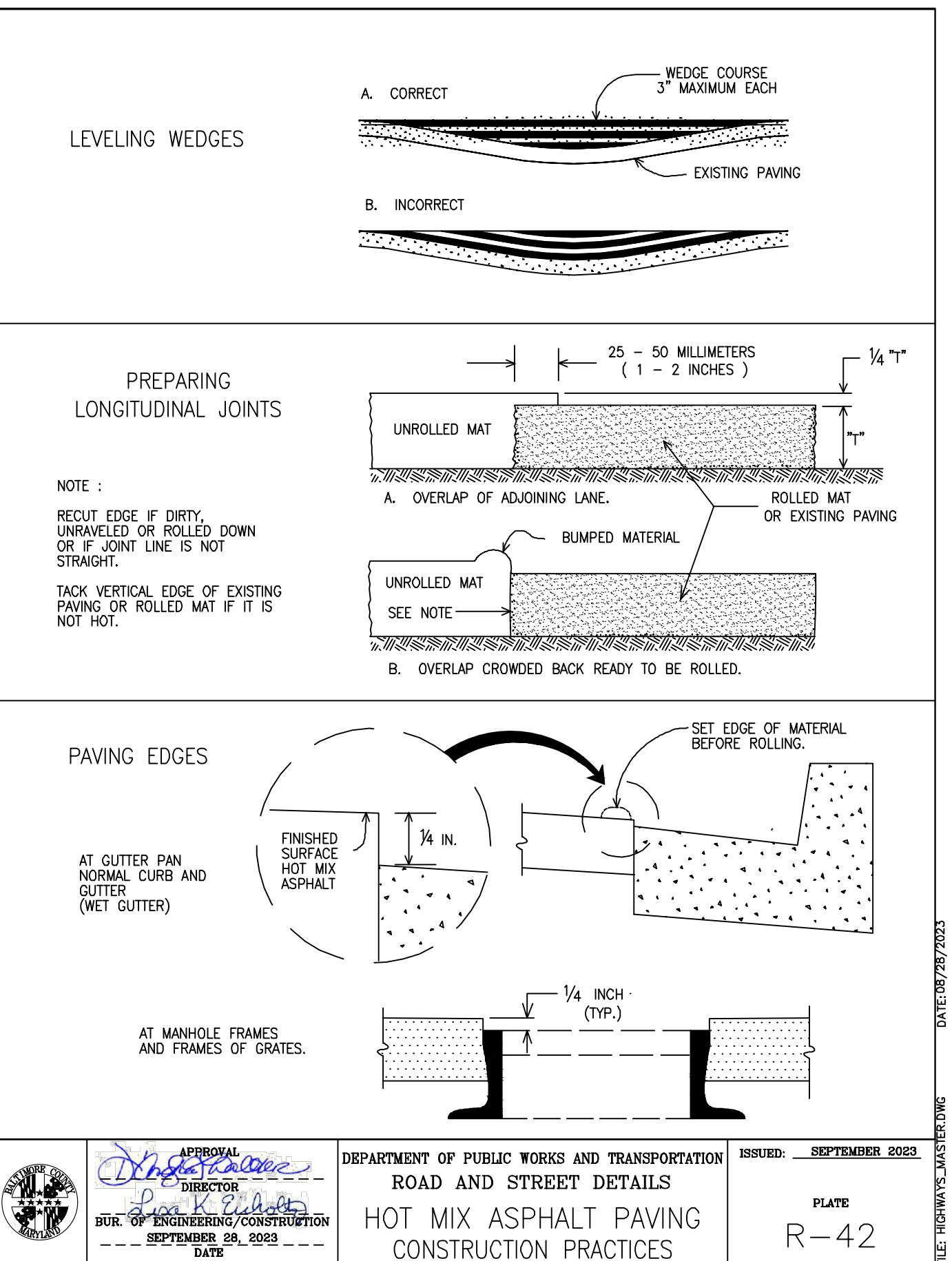
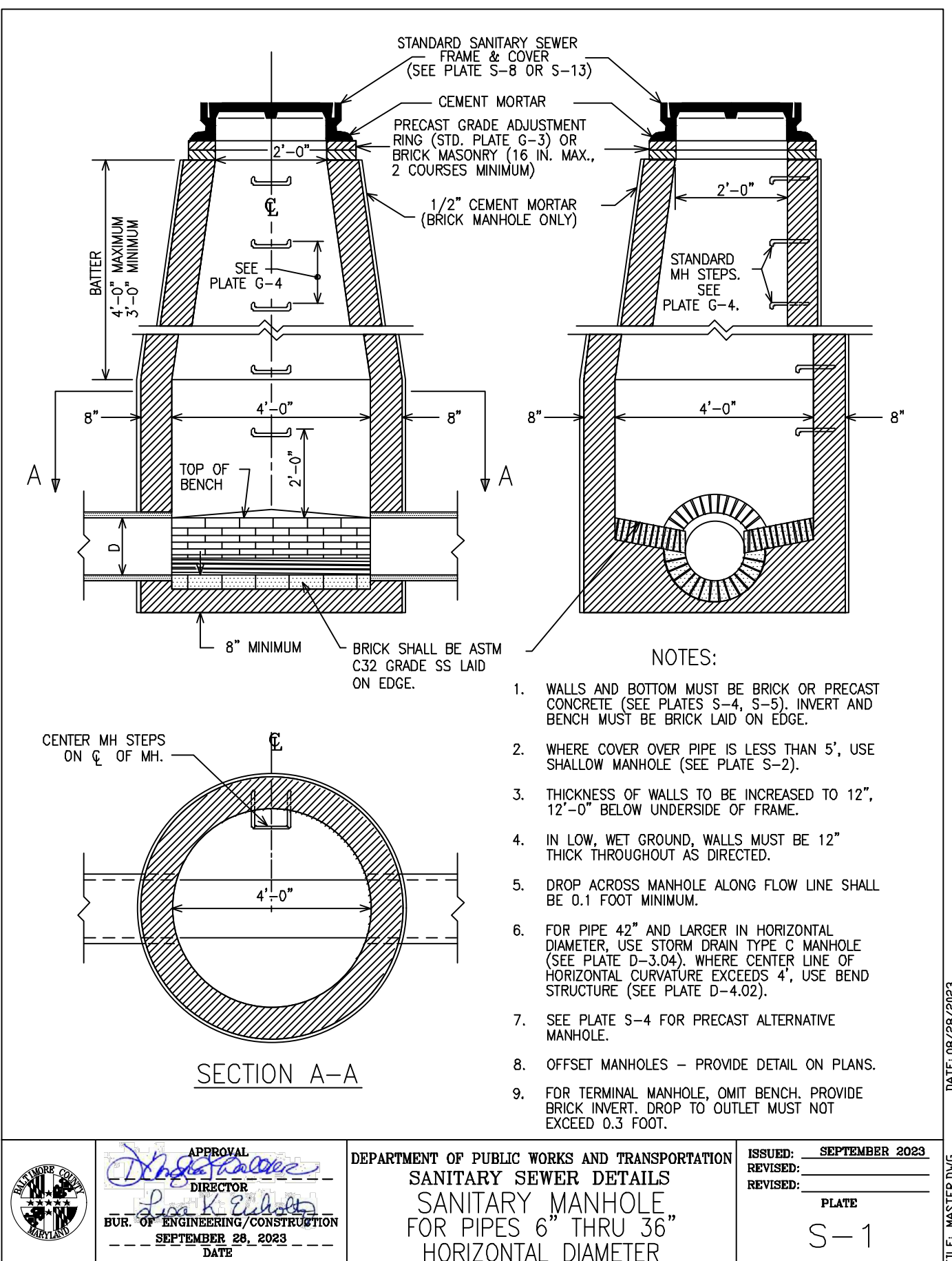
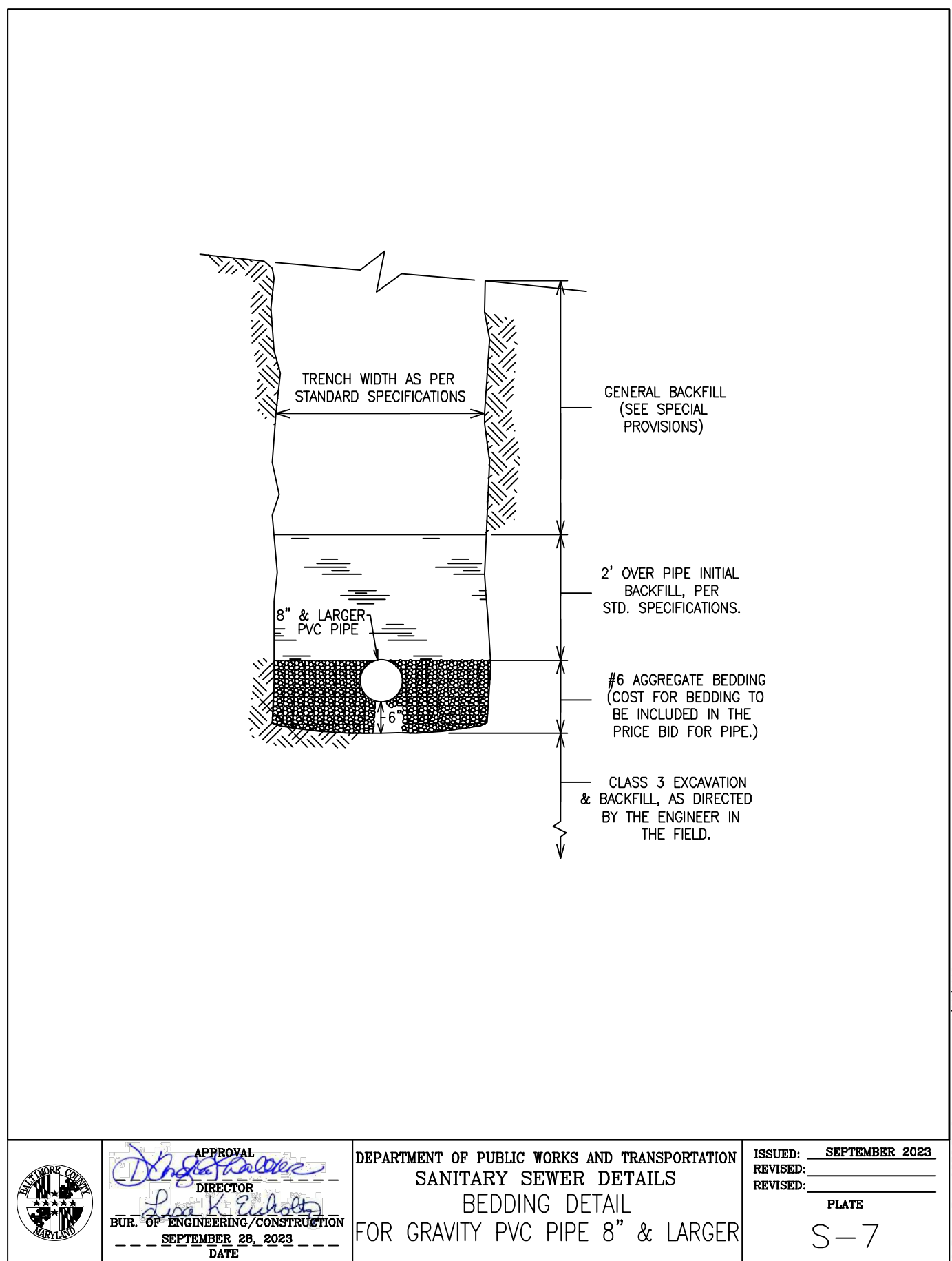
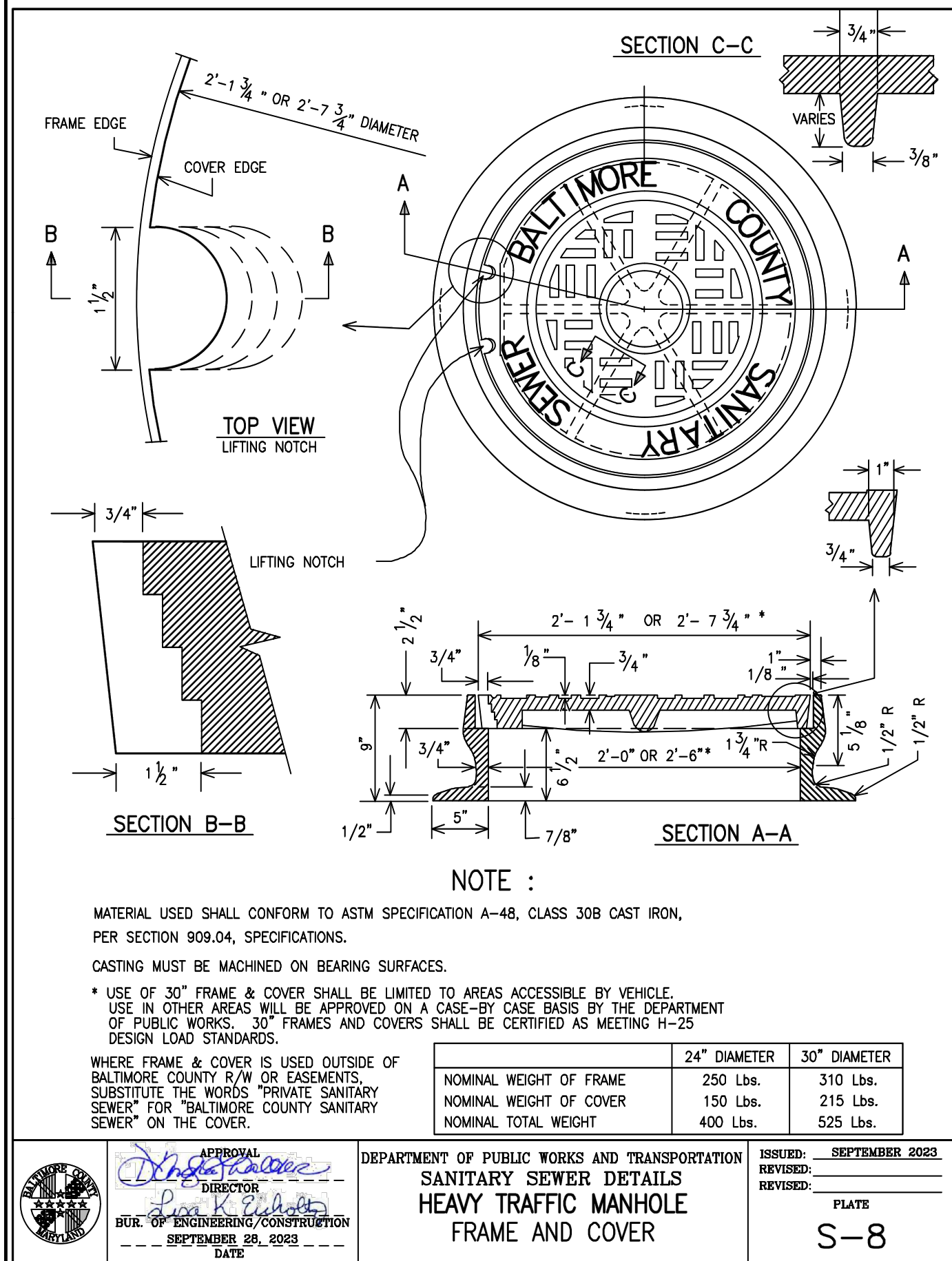
RECORD OF SUBSURFACE EXPLORATION					
Project: Overbrook Road Relief Sewer			Boring Number: B-3		
Location: Baltimore, Maryland			Drilling Company: EBA Engineering, Inc.		
Job Number: 35200232			Driller: Ed Gross		
Inspector: Gish Bhat			Date Drilled: 07-20-09		
Boring Method: Hollow Stem Auger / Wireline Casing			Surface Elevation: 318.0'		
Hole Diameter: 8"			Hammer Weight/Drop: 140 lb/30 in		
Water Level at Completion: 10.6' caved @ 11.8'			Water Level After 24 hrs: 9.2' caved @ 9.8'		
Elevation (ft)	Description	Depth (ft)	Sample Number	Blows/ft	Remarks
318	4 inches of asphalt, 4 inches of concrete.	0			
317	Reddish brown / gray, moist, medium stiff, CLAY, with sand (Residual Soil).	0-1	S-1	6 - 4 - 3	11
316					
315	Reddish brown / gray, moist, stiff, CLAY, with sand, trace rock fragments (Residual Soil).	1-2	S-2	3 - 5 - 6	16
314					
313	Gray / yellowish brown, wet, stiff, CLAY, with sand (Residual Soil).	2-3	S-3	2 - 4 - 7	14
312					
311	Reddish brown / greenish gray, wet, medium dense, clayey ROCK FRAGMENTS, with sand (Residual Soil).	3-4	S-4	9 - 8 - 5	6
310					
309	Greenish gray, wet, very dense, silty SAND, trace rock fragments (Decomposed Rock).	4-5	S-5	1000'	5
308					
307	Greenish gray, wet, very dense, silty SAND, with rock fragments (Decomposed Rock).	5-6	S-6	1000'	3
306					
305					
304					
303					
302					
301					
300					
299					
298					
297					
296					
295					
294					
293					
292					
291					
290					
289					
Bottom of Boring @ 16.4 ft					
EBA Engineering, Inc. 4813 Seton Drive Baltimore, Maryland 21215					
<input type="checkbox"/> Split Spoon <input checked="" type="checkbox"/> Water Level At Completion <input type="checkbox"/> Water Level After 24 hrs <input type="checkbox"/> Caved Depth At Completion <input type="checkbox"/> Caved Depth After 24 hrs					
Sheet: 1 of 1					



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PROFESSIONAL CERTIFICATION	AS-BUILT / REVISION	BY	DATE	P.W.A. NO.	KEY SHEET	POSITION	SHR	DRAWING SCALE	DPW AND TRANSPORTATION
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. 60388 EXPIRATION DATE 01/09/2025								1"=30'	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES
ENGINEER: MOUBIN AL-MALLA								HOR. N/A	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES
DGN BY: APR								VERT. N/A	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES
DWN BY: BW									
CHKD BY: MAM									
BUREAU OF ENGINEERING AND CONSTRUCTION									
TRAFFIC HIGHWAYS STRUCTURES STORM DRAINS SEWER WATER FIELD ENGINEER									
BUR. OF ENGINEERING & CONSTRUCTION									
DATE: 9/13/2015									

CONTRACT COMPLETION BOX	
CONTRACTOR:	
DATE COMPLETED:	
INSPECTOR:	
PIPE MATERIAL:	
SHEET DESIGNATION	CONTRACT NUMBER
C-4	25185 SX0
BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION	
OVERBROOK ROAD RELIEF SEWER EXTENSION	
GEOTECHNICAL SOIL BORING LOGS & MANHOLE TCM 158 DETAIL	
ELECTION DISTRICT NO.: 1c1	
PROJECT NUMBER	PROJ-10001321
SHEET 7 OF 12	DRAWING NUMBER
	2025-3258
FILE NO.: 1	



SEAL: [Professional Engineer Seal]

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. 60388 EXPIRATION DATE 01/08/2025

ENGINEER: MOUBIN AL-MALLA

CONTRACTOR: AS-BUILT / REVISION

BY: [Signature]

DATE: [Date]

P.W.A. NO. [Number]

KEY SHEET POSITION SH# [Number]

DRAWING SCALE: [Scale]

DPW AND TRANSPORTATION

SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES

SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES

DATE: 9/13/2025

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION

OVERBROOK ROAD RELIEF SEWER EXTENSION

CONSTRUCTION DETAILS

SUBDIVISION: CATONSVILLE

ELECTION DISTRICT NO.: 1c1

CONTRACT COMPLETION BOX

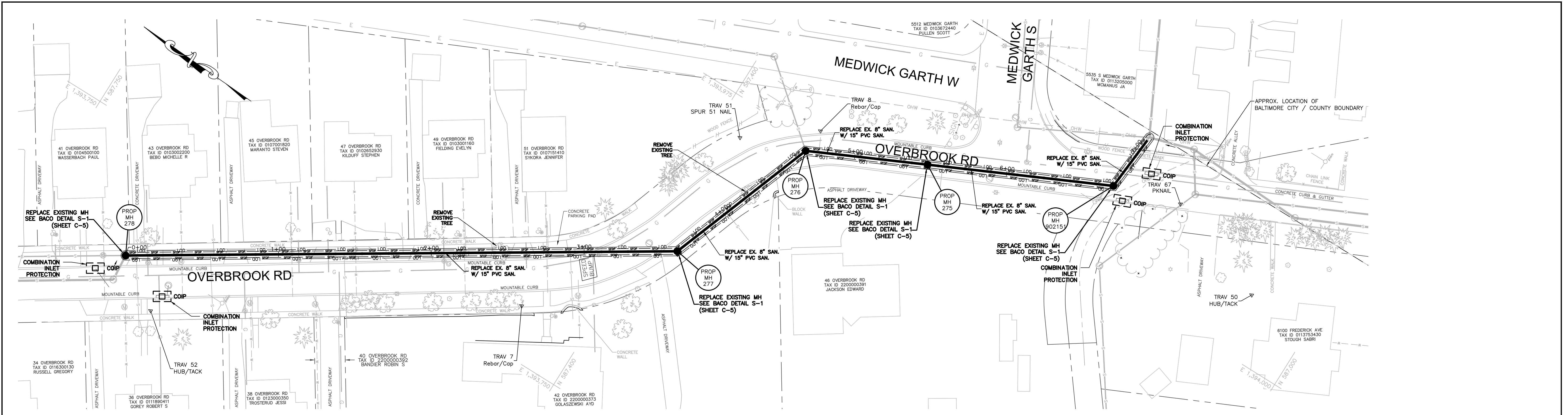
CONTRACTOR: [Blank]

DATE COMPLETED: [Blank]

INSPECTOR: [Blank]

PIPE MATERIAL: [Blank]

SHEET DESIGNATION	CONTRACT NUMBER
C-5	25185 SX0
	PROJECT NUMBER
	PROJ-10001321
	SHEET 8 OF 12
	DRAWING NUMBER
	2025-3259
	FILE NO.: 1



PLAN: OVERBROOK RD  
SCALE: 1" = 30'

**NOTES:**

1. STORMWATER MANAGEMENT HAS BEEN ADDRESSED BY A STORMWATER MANAGEMENT VARIANCE.

DESIGN AND DRAWING BASED ON MARYLAND COORDINATE SYSTEM: NAD 83/11 VERTICAL - NAVD 88

CONTRACT COMPLETION BOX	
CONTRACTOR:	_____
DATE COMPLETED:	_____
INSPECTOR:	_____
PIPE MATERIAL:	_____

SHEET DESIGNATION	CONTRACT NUMBER
ES-1	25185 SX0
PROJECT NUMBER	
PROJ-10001321	
SHEET 9 OF 12	
DRAWING NUMBER	
2025-3260	
FILE NO.: 1	



<b>PROFESSIONAL CERTIFICATION</b> 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. 60388 EXPIRATION DATE 01/08/2025 ENGINEER: MOUBIN AL-MALLA <b>AECOM</b> 7 SAINT PAUL STREET, 17TH FLOOR BALTIMORE, MD. 21202 (410) 637-1700		AS-BUILT / REVISION BY DATE P.W.A. NO. KEY SHEET POSITION SHI DRAWING SCALE DPW AND TRANSPORTATION R.O.W. NO. GNV 7SW19 PLAN SCALE: 1"=30' PROFILE SCALE: HOR. N/A VERT. N/A SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES
DGN BY: APR DWN BY: BJW CHD BY: MAM	BUREAU OF ENGINEERING AND CONSTRUCTION TRAFFIC HIGHWAYS STRUCTURES STORM DRAINS SEWER WATER FIELD ENGINEER REVIEWED BY: _____ DATE REVIEWED: _____ SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES	

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION

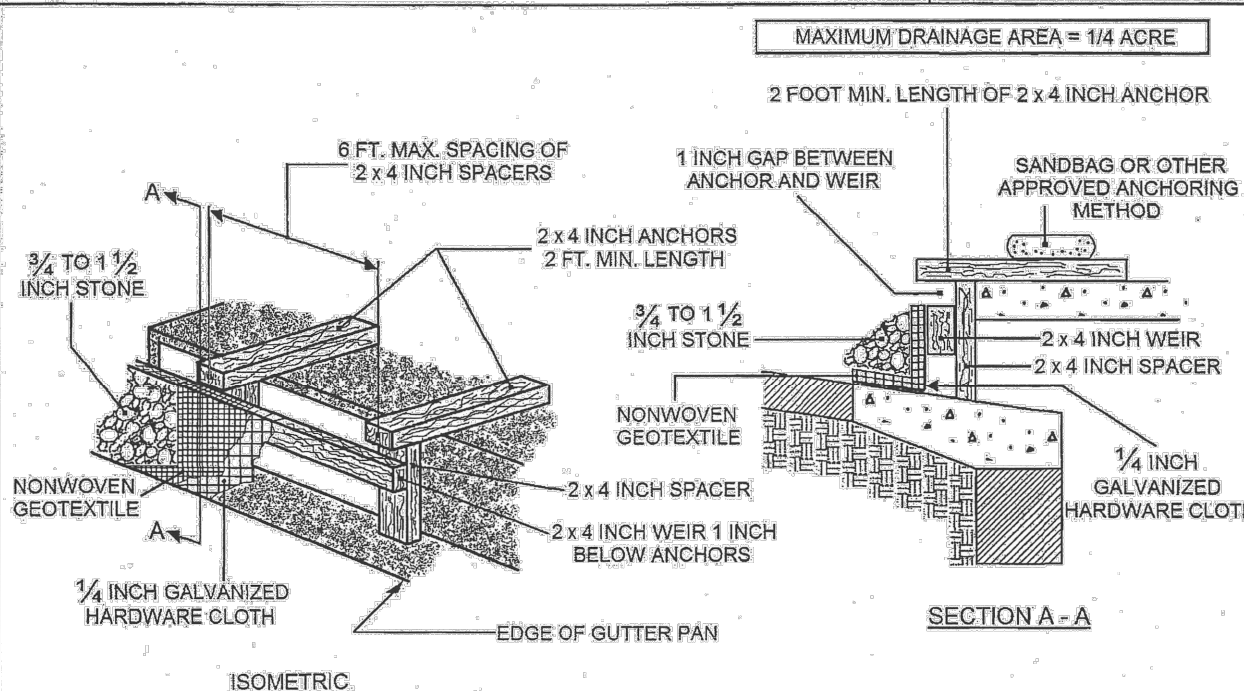
OVERBROOK ROAD RELIEF SEWER EXTENSION  
EROSION & SEDIMENT CONTROL PLAN

SUBDIVISION: CATONSVILLE  
ELECTION DISTRICT NO.: 1c1

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**DETAIL E-9-3 CURB INLET PROTECTION**



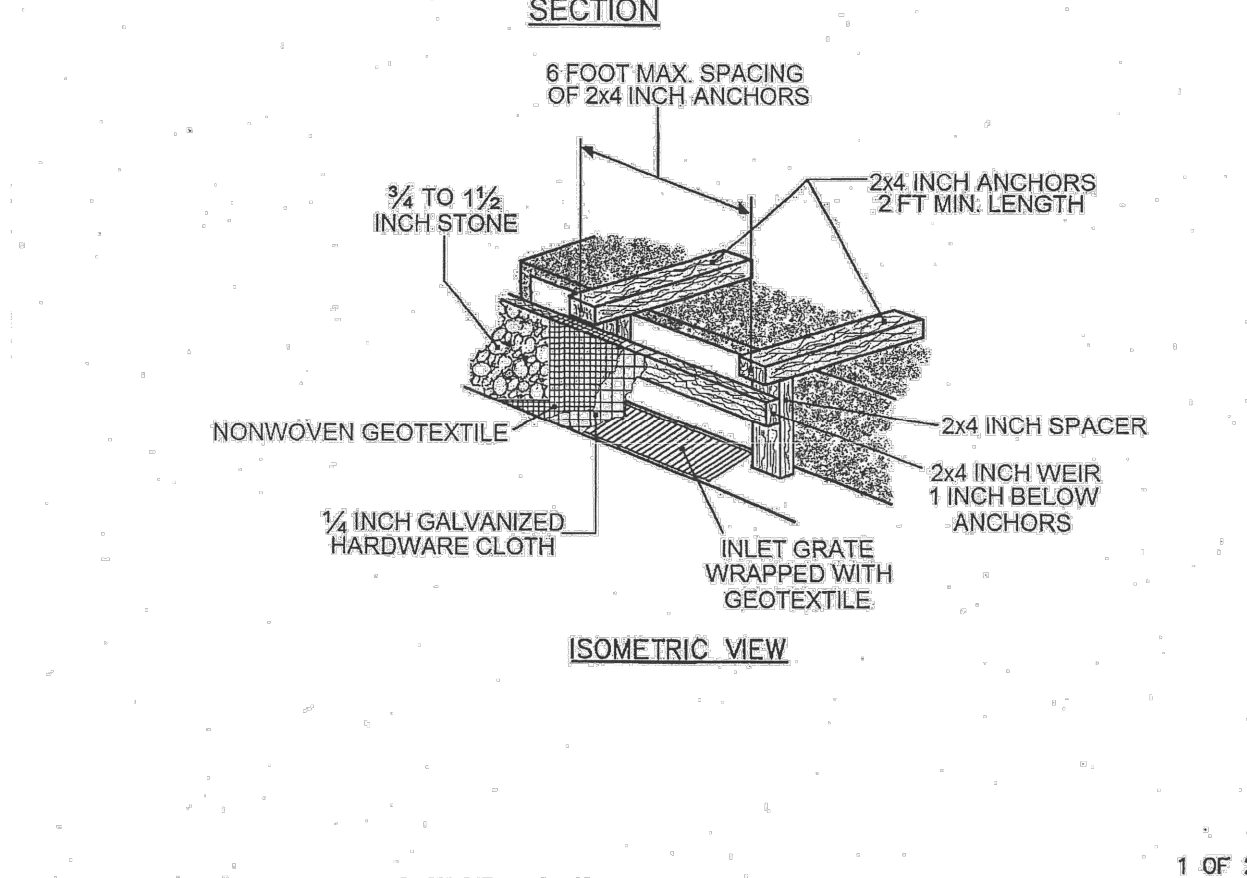
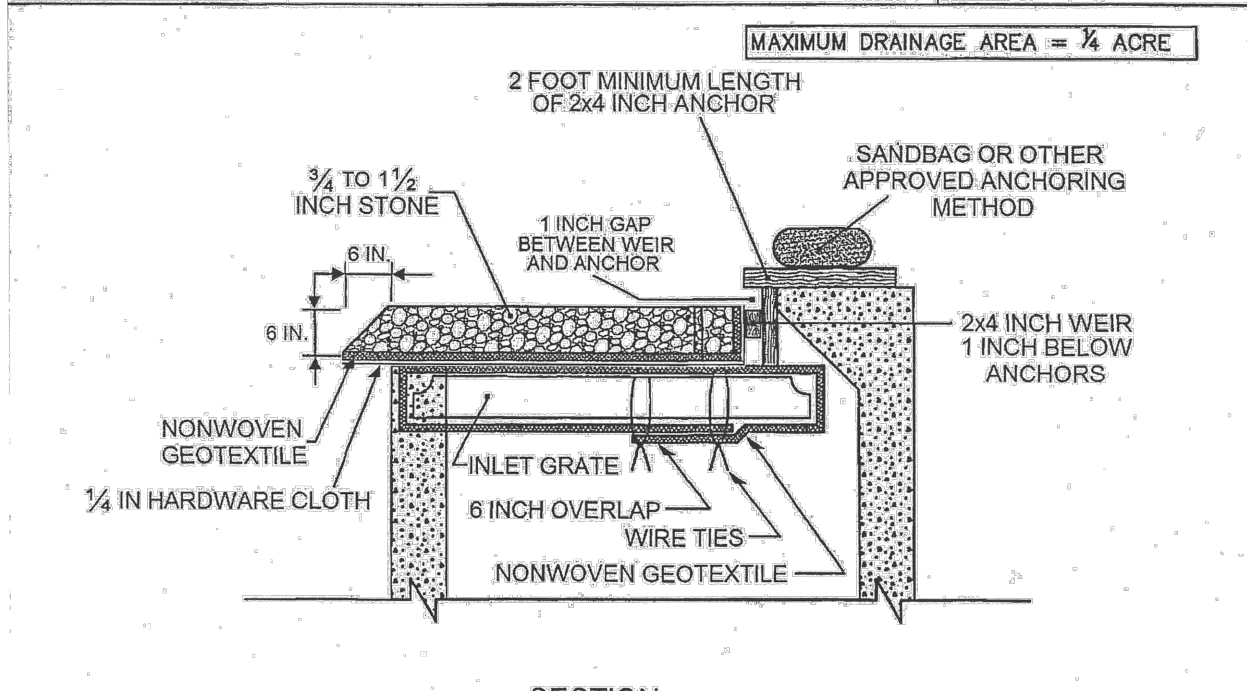
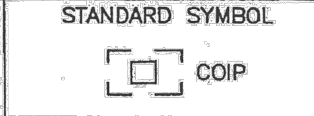
- CONSTRUCTION SPECIFICATIONS**
- USE NOMINAL 2 x 4 INCH LUMBER.
  - ATTACH A CONTINUOUS PIECE OF 1/4 INCH GALVANIZED HARDWARE CLOTH, MINIMUM WIDTH OF 30 INCHES, AND MINIMUM LENGTH OF 4 FEET LONGER THAN THE THROAT OPENING, TO THE 2 x 4 INCH WEIR, EXTENDING 2 FEET BEYOND THE THROAT ON EACH SIDE.
  - PLACE A CONTINUOUS PIECE OF NONWOVEN GEOTEXTILE OF THE SAME DIMENSIONS AS THE HARDWARE CLOTH OVER THE HARDWARE CLOTH AND SECURELY ATTACH TO THE 2 x 4 INCH WEIR.
  - USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
  - NAIL THE 2 x 4 INCH WEIR (1 INCH BELOW THE ANCHORS) TO THE 9 INCH LONG VERTICAL SPACERS (MAX. 6 FEET APART).
  - PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL TO 2 x 4 INCH ANCHORS (MIN. 2 FEET IN LENGTH), EXTEND THE ANCHORS ACROSS THE INLET TOP AND HOLD IN PLACE BY SANDBAGS OR OTHER APPROVED ANCHORING METHOD.
  - INSTALL END SPACERS A MINIMUM OF 1 FOOT BEYOND THE ENDS OF THE THROAT OPENING.
  - FORM THE HARDWARE CLOTH AND GEOTEXTILE TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB TO SPAN THE INLET OPENING. COVER THE HARDWARE CLOTH AND GEOTEXTILE WITH CLEAN 3/4 TO 1 1/2 INCH STONE OR EQUIVALENT RECYCLED CONCRETE.
  - AT NON-SUMP LOCATIONS, INSTALL A TEMPORARY SANDBAG OR ASPHALT BERM TO PREVENT INLET BYPASS.
  - STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT IT IS CLOGGED, WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN OR REPLACE THE GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
MODIFIED FOR USE IN BALTIMORE COUNTY

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

MARYLAND DEPARTMENT OF ENVIRONMENT  
WATER MANAGEMENT ADMINISTRATION

**DETAIL E-9-6 COMBINATION INLET PROTECTION**



MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
MODIFIED FOR USE IN BALTIMORE COUNTY

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

MARYLAND DEPARTMENT OF ENVIRONMENT  
WATER MANAGEMENT ADMINISTRATION

**DETAIL E-9-6 COMBINATION INLET PROTECTION**



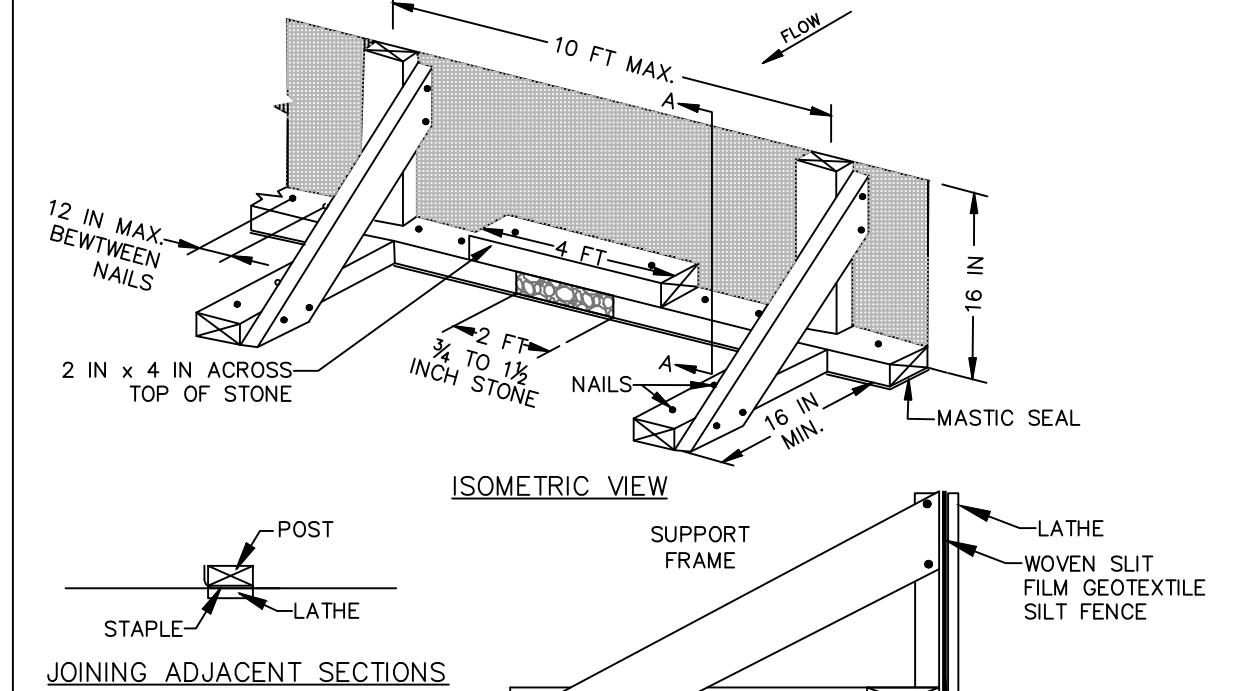
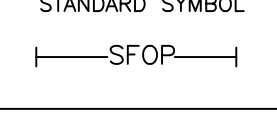
- CONSTRUCTION SPECIFICATIONS**
- USE NOMINAL 2 INCH x 4 INCH LUMBER.
  - USE NONWOVEN GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
  - LIFT GRATE, AND WRAP WITH NONWOVEN GEOTEXTILE TO COMPLETELY COVER ALL OPENINGS, THEN SET GRATE BACK IN PLACE.
  - ATTACH A CONTINUOUS PIECE OF 1/4 INCH GALVANIZED HARDWARE CLOTH WITH A MINIMUM WIDTH OF 30 INCHES AND A MINIMUM LENGTH OF 4 FEET LONGER THAN THE THROAT OPENING, TO THE 2 INCH BY 4 INCH WEIR, EXTENDING 2 FEET BEYOND THE THROAT ON EACH SIDE.
  - PLACE A CONTINUOUS PIECE OF NONWOVEN GEOTEXTILE THE SAME DIMENSIONS AS THE HARDWARE CLOTH OVER THE HARDWARE CLOTH AND SECURELY ATTACH IT TO THE WEIR.
  - NAIL THE 2 x 4 INCH WEIR (1 INCH BELOW THE ANCHORS) TO THE 9 INCH LONG VERTICAL SPACERS, LOCATED BETWEEN THE WEIR AND INLET FACE, (MAXIMUM 4 FEET APART).
  - PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL TO THE 2 x 4 INCH ANCHORS (MINIMUM 2 FOOT LENGTHS) AT THE SPACER LOCATIONS. EXTEND THE 2 x 4 INCH ANCHORS ACROSS THE INLET TOP AND HOLD IN PLACE BY SANDBAGS OR OTHER APPROVED ANCHORING METHOD.
  - INSTALL END SPACERS A MINIMUM OF 1 FOOT BEYOND THE ENDS OF THE THROAT OPENING.
  - FORM THE 1/4 INCH HARDWARE CLOTH AND THE GEOTEXTILE TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN 3/4 TO 1 1/2 INCH STONE OR EQUIVALENT RECYCLED CONCRETE OVER THE HARDWARE CLOTH AND GEOTEXTILE IN SUCH A MANNER TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE.
  - AT NON-SUMP LOCATIONS, INSTALL A TEMPORARY SANDBAG OR ASPHALT BERM TO PREVENT INLET BYPASS.
  - STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOGGING. IF INLET PROTECTION DOES NOT COMPLETELY DRAIN WITHIN 24 HOURS AFTER A STORM EVENT IT IS CLOGGED, WHEN THIS OCCURS, REMOVE ACCUMULATED SEDIMENT AND CLEAN OR REPLACE THE GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL  
MODIFIED FOR USE IN BALTIMORE COUNTY

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

MARYLAND DEPARTMENT OF ENVIRONMENT  
WATER MANAGEMENT ADMINISTRATION

**DETAIL E-2 SILT FENCE ON PAVEMENT**



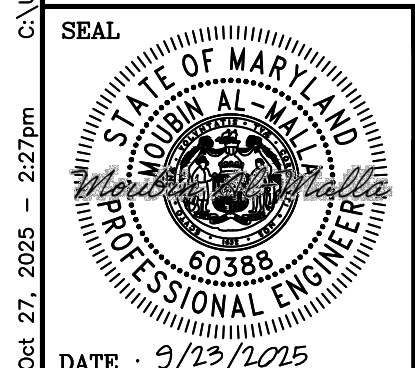
- CONSTRUCTION SPECIFICATIONS**
- USE NOMINAL 2 INCH x 4 INCH LUMBER.
  - USE WOVEN SLIT FILM GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
  - PROVIDE MANUFACTURER CERTIFICATION TO THE AUTHORIZED REPRESENTATIVE OF THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT THE GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
  - SPACE UPRIGHT SUPPORTS NO MORE THAN 10 FEET APART.
  - PROVIDE A TWO FOOT OPENING BETWEEN EVERY SET OF SUPPORTS AND PLACE STONE IN THE OPENING OVER GEOTEXTILE.
  - KEEP SILT FENCE TAUT AND SECURELY STAPLE TO THE UPSLOPE SIDE OF UPRIGHT SUPPORTS. EXTEND GEOTEXTILE UNDER 2x4.
  - WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN: OVERLAP, FOLD, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL. ATTACH LATHE.
  - PROVIDE A MASTIC SEAL BETWEEN PAVEMENT, GEOTEXTILE, AND 2x4 TO PREVENT SEDIMENT-LADEN WATER FROM ESCAPING BENEATH SILT FENCE INSTALLATION.
  - SECURE BOARDS TO PAVEMENT WITH 40D 5 INCH MINIMUM LENGTH NAILS.
  - REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. MAINTAIN WATER TIGHT SEAL ALONG BOTTOM. REPLACE STONE IF DISPLACED.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

MARYLAND DEPARTMENT OF ENVIRONMENT  
WATER MANAGEMENT ADMINISTRATION

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**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. 60388 EXPIRATION DATE 01/08/2025

ENGINEER: MOUBIN AL-MALLA

DON BY: APR

DWN BY: BW

CHKD BY: MAM

**AECOM**  
7 SAINT PAUL STREET, 17TH FLOOR  
BALTIMORE, MD. 21202 (410) 637-1700

AS-BUILT / REVISION	BY	DATE	P.W.A. NO.	KEY SHEET	POSITION	SHT	DRAWING SCALE	DPW AND TRANSPORTATION
AS-BUILTS CHECKED							PLAN SCALE: N/A PROFILE SCALE: HOR. N/A VERT. N/A	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES
	BUREAU OF ENGINEERING AND CONSTRUCTION	TRAFFIC	HIGHWAYS	STRUCTURES	STORM DRAINS	SEWER	WATER	FIELD ENGINEER
	REVIEWED BY:	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES						BUR. OF ENGINEERING & CONSTRUCTION
	DATE REVIEWED:	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES						

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION

OVERBROOK ROAD RELIEF SEWER EXTENSION

EROSION AND SEDIMENT CONTROL DETAILS

SUBDIVISION: CATONSVILLE

ELECTION DISTRICT NO.: 1c1

**CONTRACT COMPLETION BOX**

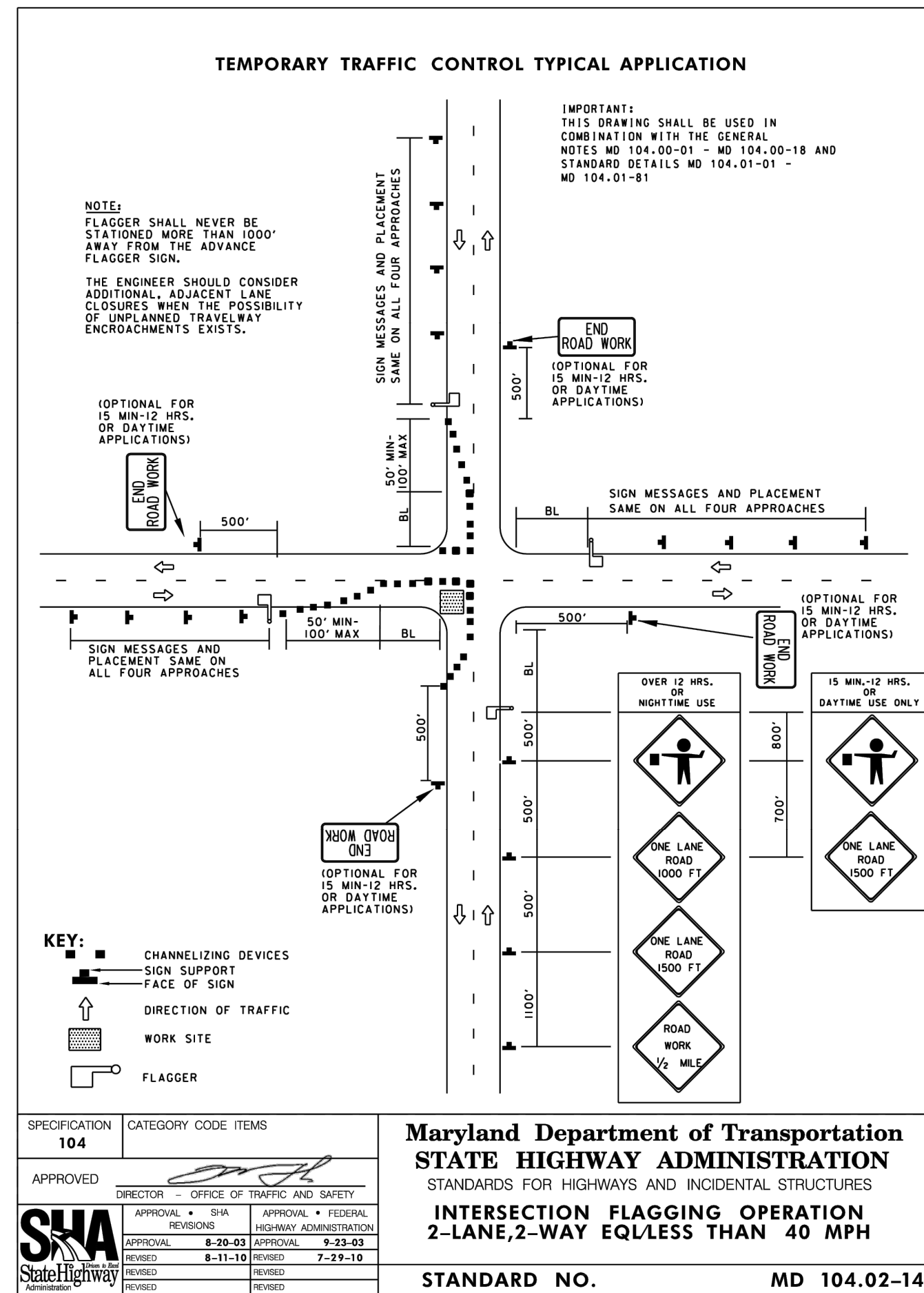
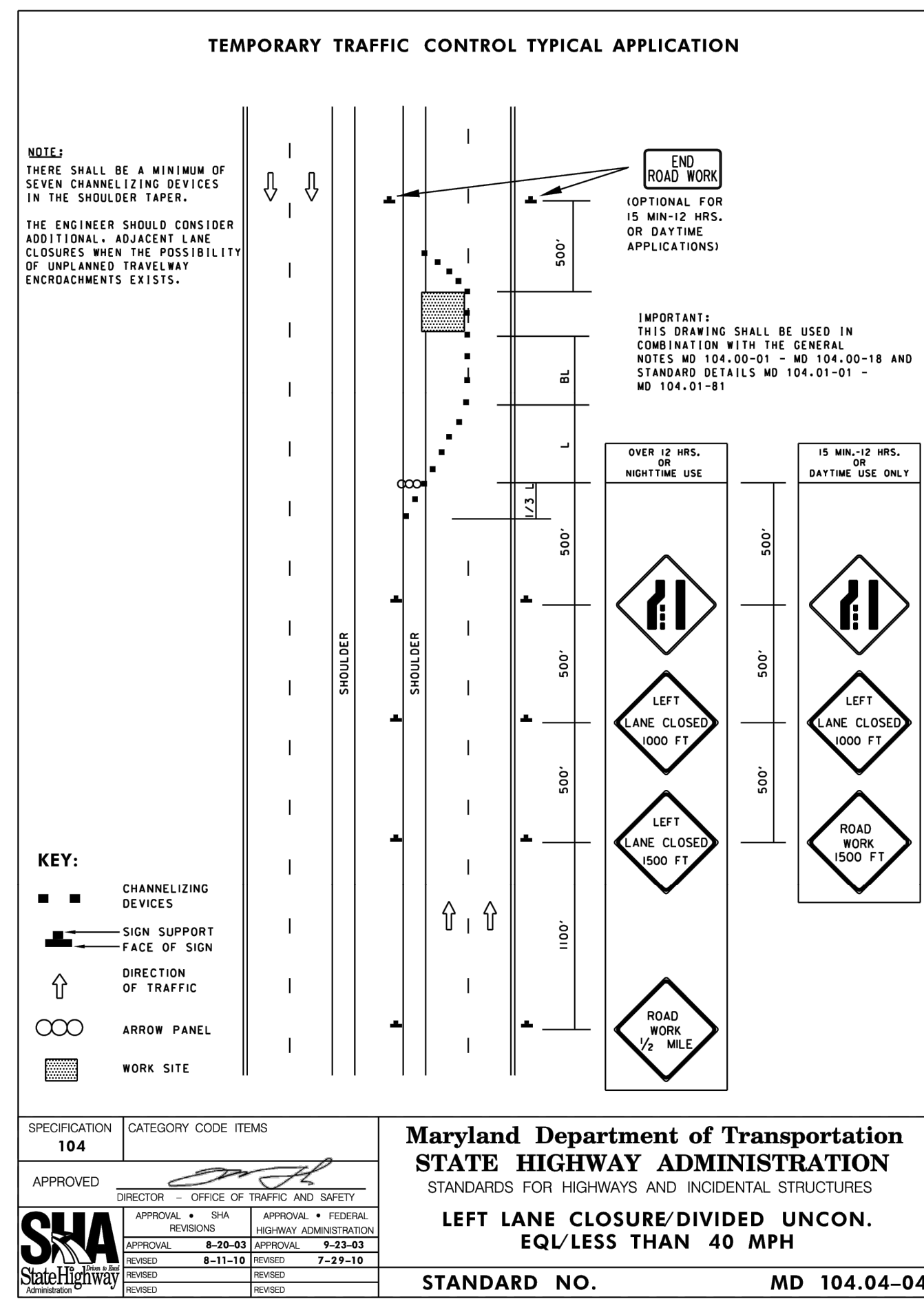
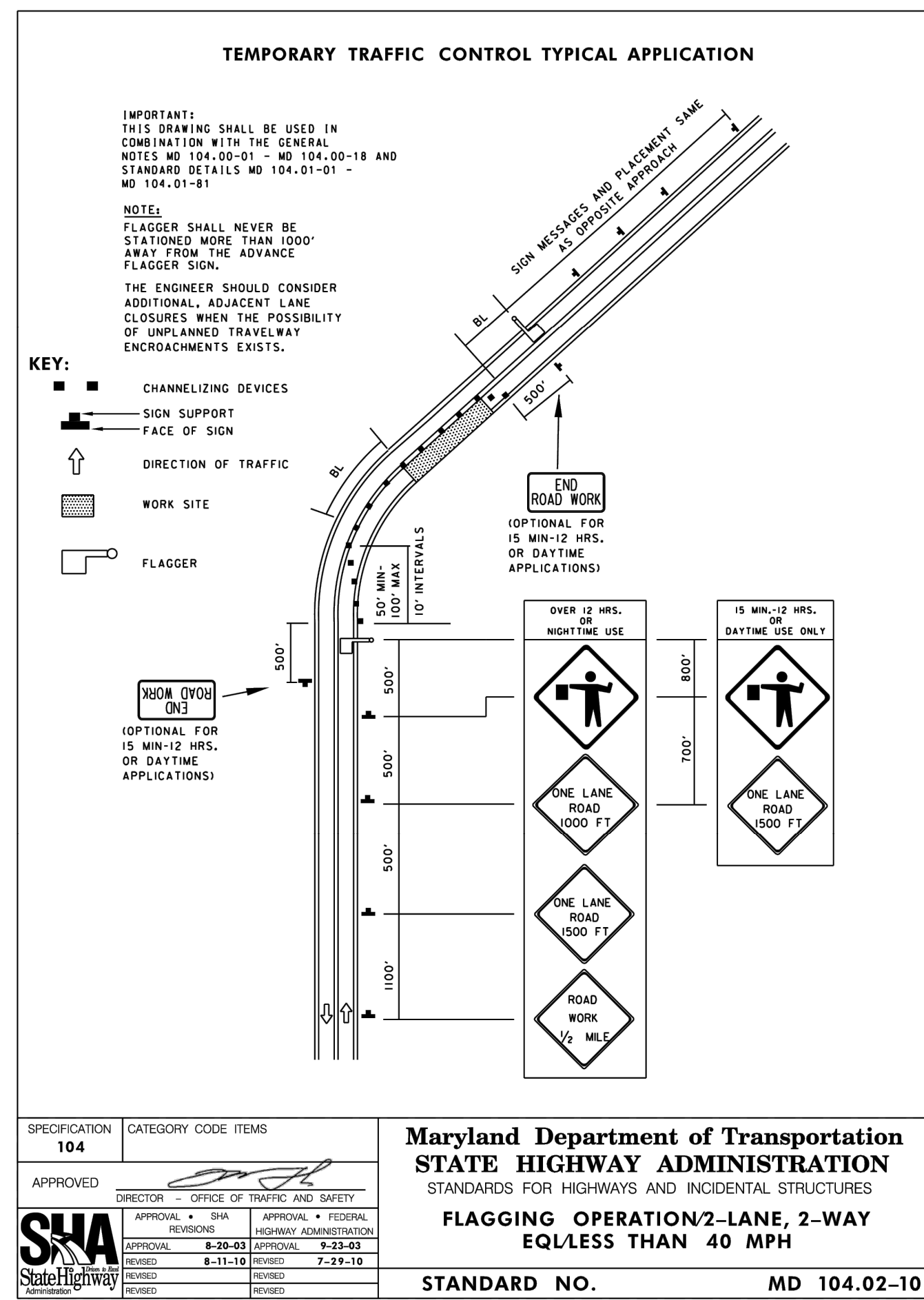
CONTRACTOR: \_\_\_\_\_

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

INSPECTOR: \_\_\_\_\_

PIPE MATERIAL: \_\_\_\_\_

SHEET DESIGNATION	CONTRACT NUMBER
ES-3	25185 SX0
	PROJECT NUMBER
	PROJ-10001321
	SHEET 11 OF 12
	DRAWING NUMBER
	2025-3262
	FILE NO.: 1



**STREET LIGHTING NOTES**

1. THE CONTRACTOR IS REQUIRED TO PROTECT AND MAINTAIN EXISTING CONDUITS/CABLE SYSTEMS. ANY DAMAGE, REPLACEMENT, OR ADJUSTMENTS REQUIRED WILL BE COMPLETED AT THE CONTRACTOR'S EXPENSE. NOTIFY BGE AT LEAST 30 DAYS PRIOR TO STARTING WORK.
2. THE CONTRACTOR IS REQUIRED TO PROTECT AND MAINTAIN EXISTING STREET LIGHTING, STREET LIGHTING POLES, TRAFFIC SIGNAL FACILITIES, AND HAND BOXES. ANY DAMAGE, REPLACEMENT, OR ADJUSTMENTS REQUIRED WILL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.
3. LIGHTING CONDUIT SIZES CROSSING ALL PAVED STREETS AND ROADS ARE 3-INCH MINIMUM. ALL OTHER LIGHTING CABLING SHOWN SHALL BE ASSUMED TO BE DIRECT BURIED CABLE (DBC) AS INDICATED.
4. AT NO TIME ARE THE STREETS TO BE WITHOUT PROPER STREET LIGHTING.
5. INSTALLATION OF TEMPORARY AND PERMANENT LIGHTING SYSTEMS SHALL BE IN ACCORDANCE WITH BGE & COUNTY STANDARDS ON COUNTY ROADS.
6. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR OR OVER/UNDER ELECTRIC STREET LIGHTING CABLING.

**SEQUENCE OF TRAFFIC CONTROL**

1. PLACE ADVANCE WARNING SIGNS AND TEMPORARY TRAFFIC CONTROL DEVICES TO IMPLEMENT FLAGGING OPERATIONS OR LANE CLOSURES USING STAGED CONSTRUCTION. REFER TO MDSHA STANDARD MD 104.02-14 FOR ADDITIONAL DETAILS.
2. BEGIN FORCE MAIN SEWER PIPE AND MANHOLE INSTALLATION AND PAVEMENT PATCHING AS DESCRIBED IN THE PLANS.
3. BACK-FILL AND PLATE ALL EXCAVATED AREAS IN ACCORDANCE WITH MDSHA STANDARDS AT THE END OF EACH WORKING DAY.
4. AT THE COMPLETION OF THE SEWER INSTALLATION, BEGIN THE CONSTRUCTION OF THE ADA RAMPS & SIDEWALK. THE CONTRACTOR SHALL IMPLEMENT AN APPROVED PEDESTRIAN DETOUR PLAN TO MAINTAIN PEDESTRIAN MOVEMENT. REFER TO MDSHA STD. NO. MD 104.06-09A THRU MD 104.06-09D.
5. INSTALL THE FINAL PAVEMENT RESURFACING AND PAVEMENT MARKINGS.
6. REMOVE TRAFFIC CONTROL DEVICES.

**MAINTENANCE OF TRAFFIC NOTES**

1. THE CONTRACTOR SHALL MAINTAIN TRAFFIC AT ALL TIMES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A PRELIMINARY DETAILED TRAFFIC CONTROL PLAN FOR REVIEW BY THE BUREAU OF TRAFFIC ENGINEERING, DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION. FOLLOWING APPROVAL OF THE PLAN, A REPRODUCIBLE DRAWING SHALL BE SUBMITTED TO THE OFFICE OF THE DIRECTOR OF PUBLIC WORKS AND TRANSPORTATION FOR USE AND DISTRIBUTION, AND A COPY SHALL ALSO BE SUBMITTED TO THE ENGINEER.
2. THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE FABRICATION, INSTALLATION AND MAINTENANCE OF ALL TRAFFIC CONTROL DEVICES. SAID DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. ALSO, THE CONTRACTOR MAY BE REQUIRED TO FURNISH ADDITIONAL SIGNS SHOULD CONDITIONS WARRANT. REGARDING THE CONTROL OF TRAFFIC THROUGH WORK AREAS, PART 6 "TEMPORARY TRAFFIC CONTROL" OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION) SHALL BE UTILIZED.
3. ONCE THE CONTRACTOR HAS RECEIVED THEIR NOTICE TO PROCEED, THE DIVISION OF TRAFFIC ENGINEERING WILL INVENTORY THE EXISTING PERMANENT TRAFFIC CONTROL DEVICES THROUGHOUT THE CONSTRUCTION AREA. SHOULD IT BE NECESSARY FOR ANY DEVICES TO BE REMOVED BY THE CONTRACTOR, HIS PERSONNEL, OR THEIR SUB-CONTRACTOR DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFE STORAGE OF THESE DEVICES. SHOULD THEY BECOME DAMAGED, DEFACED, LOST, ETC., THE CONTRACTOR WILL BE BILLED FOR REPLACEMENT OF THESE PERMANENT DEVICES. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR THE RE-INSTALLATION OF ANY PERMANENT DEVICES REMOVED DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS AND THE BUREAU OF TRAFFIC ENGINEERING, IN MAINTAINING VEHICULAR, BICYCLE, AND PEDESTRIAN ACCESS FOR COMMERCIAL AND PRIVATE PROPERTIES DURING CONSTRUCTION. WORK WITHIN SHA RIGHT-OF-WAY MUST BE SUBMITTED TO DISTRICT 4 TRAFFIC FOR REVIEW.
5. ANY TEMPORARY SIGNING AND MARKINGS THAT MAY CONFLICT WITH NORMAL TRAFFIC FLOW SHALL BE REMOVED OR COVERED AT THE END OF EACH DAY. ALL EXISTING DISTURBED PAVEMENT MARKINGS SHALL BE REPLACED IN KIND WITH TEMPORARY PAVEMENT MARKINGS EACH DAY BEFORE THE AFFECTED LANE MAY BE OPENED TO TRAFFIC.
6. A MINIMUM SINGLE LANE OF TRAFFIC MUST BE MAINTAINED AT ALL TIMES. LANE CLOSURES ARE RESTRICTED TO 9AM UNTIL 3PM.
7. ACCESS/EGRESS TO ALL INTERSECTING ROADWAYS WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION; UNLESS PERMISSION FOR THE CLOSURE IS GRANTED BY THE PROPERTY OWNER. ACCESSIBILITY FOR EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES. ALL EXISTING DRIVEWAY ACCESS MUST BE MAINTAINED AT ALL TIMES.
8. AT THE COMPLETION OF THE WORK DAY, THE CONTRACTOR SHALL RESTORE THE ROADWAY TO ITS FULL WIDTH. REFER TO MDSHA STANDARD NO. 104.01-28 FOR TEMPORARY AGGREGATE RAMP DETAIL FOR AREAS WHERE THE PAVEMENT DROP OFF IS GREATER THAN 2.5 INCHES.
9. PORTABLE VARIABLE MESSAGE SIGNS (PVMS) SHALL BE PLACED A MINIMUM OF (1) WEEK PRIOR TO WORK STARTING TO NOTIFY TRAFFIC OF CHANGES. MESSAGE AND LOCATION SHALL BE DETERMINED BY THE DISTRICT TRAFFIC ENGINEER. PVMS SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT. RELOCATION MAY BE NECESSARY AS CONSTRUCTION PROGRESSES AND AS DIRECTED BY THE DISTRICT TRAFFIC ENGINEER.
10. THE CONTRACTOR SHALL USE STAGED CONSTRUCTION TO COMPLETE THIS WORK. DURING A STAGE, THE CONTRACTOR SHALL SET UP ONE WORK ZONE AT A TIME LIMITED TO 500 FT OR ONE BLOCK. TO EXCEED THIS LIMIT THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE ENGINEER. AT THE COMPLETION OF ONE WORK ZONE, THE CONTRACTOR SHALL BEGIN THE STAGING OF THE NEXT WORK ZONE.
11. AT THE END OF EACH WORK DAY ALL EQUIPMENT AND MATERIALS SHALL BE REMOVED FROM THE TRAVEL PORTION OF THE ROADWAY AND SHOULD NOT BE STORED IN SUCH A MANNER AS TO OBSTRUCT SIGHT DISTANCE AT ANY DRIVEWAY OR INTERSECTING ROAD.
12. FULL TRENCH COMPACTION IS REQUIRED FOR ALL TRENCHES WITHIN THE EXISTING ROAD AND/OR ROAD RIGHTS-OF-WAYS.
13. WHERE 2 FEET OF CLEARANCE CANNOT BE OBTAINED BETWEEN PIPES AND STRUCTURES, SAND BACKFILL SHALL BE PLACED AS DIRECTED BY THE ENGINEER IN THE FIELD.
14. THE EXISTING UTILITIES AND OTHER EXISTING FEATURES SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND THE ACCURACY AND COMPLETENESS OF THIS INFORMATION IS NOT GUARANTEED. THIS INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR TO HIS SATISFACTION PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES, INCLUDING TEMPORARY SUPPORT OF EXISTING PIPING AND MANHOLES, AND SHALL MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.

15. AT THE END OF EACH WORKDAY, THE CONTRACTOR IS REQUIRED TO COMPLETE THE FOLLOWING:
  - 15.1. BACKFILL AND/OR PLATE OVER ALL OPEN EXCAVATIONS SO THAT TWO LANES OF TRAFFIC ARE MAINTAINED.
  - 15.2. REMOVE ALL EQUIPMENT AND MATERIAL FROM THE TRAVELED PORTION OF THE ROADWAY. ALSO, EQUIPMENT AND MATERIALS SHOULD NOT BE STORED IN SUCH A MANNER AS TO OBSTRUCT SIGHT DISTANCE AT ANY DRIVEWAY OR INTERSECTING ROAD.
  - 15.3. COVER OR REMOVE ALL SIGNS REFERRING TO A SINGLE-LANE OPERATION. ALSO, IT MAY BE NECESSARY FOR THE CONTRACTOR TO PROVIDE "STEEL PLATES AHEAD" SIGNS ON EACH APPROACH TO THE CONSTRUCTION AREA, IF APPROPRIATE, OR AS DIRECTED BY THE INSPECTOR FOR THE PROJECT.

Oct. 27, 2025 - 2:27pm  
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	<b>PROFESSIONAL CERTIFICATION</b> 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. 60388 EXPIRATION DATE 01/08/2025		AS-BUILT / REVISION BY: _____ DATE: _____ P.W.A. NO. _____ KEY SHEET POSITION SH# _____ DRAWING SCALE _____ DPW AND TRANSPORTATION _____
	ENGINEER: MOUBIN AL-MALLA DGN BY: APR DWN BY: BJW CHKD BY: MAM	BUREAU OF ENGINEERING AND CONSTRUCTION TRAFFIC HIGHWAYS STRUCTURES STORM DRAINS SEWER WATER FIELD ENGINEER	SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES SEE DRAWING NO. 2025-3252 FOR ORIGINAL SIGNATURES

BALTIMORE COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION - BUREAU OF ENGINEERING AND CONSTRUCTION OVERBROOK ROAD RELIEF SEWER EXTENSION MAINTENANCE OF TRAFFIC PLAN SUBDIVISION: CATONSVILLE ELECTION DISTRICT No.: 1c1	
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<b>CONTRACT COMPLETION BOX</b> CONTRACTOR: _____ DATE COMPLETED: _____ INSPECTOR: _____ PIPE MATERIAL: _____	
<b>SHEET DESIGNATION</b> MT-1	<b>CONTRACT NUMBER</b> 25185 SX0
<b>PROJECT NUMBER</b> PROJ-10001321	
<b>SHEET 12 OF 12</b> <b>DRAWING NUMBER</b> 2025-3263	
<b>FILE NO.:</b> 1	