

393+00	45/288	Extra Space of Annapolis, LLC	Bestgate Road	2,400
284+00	44/15	Dutch Fischer	Generals Highway	100
285+00	44/15	Roman Ferrer	1008 Bridgewood Ln	800
293+00	44/12	1625 Limited	1625 Generals Hwy	1,000
296+00	44/158	William D Hammond	1717 Old Generals Hwy	500
356+00		MDOT		1,600
357+00	45/49	Alexander Cotsalas	1866 Lynnfield Ln	3,400*
360+00	45/49	Tammy Berwanger	1868 Lynnfield Ln	4,400*
361+00	45/49	George Hall	1870 Lynnfield Ln	1,900*
363+00	45/49	Joseph Shane	1872 Lynnfield Ln	5,700*
366+00	45/685	Joseph Rei	2000 Old Epping Forest	3,000*
367+00	45/374	First Church of Christ Scientist	1031 Epping Forest Rd	5,700*
387+00	45/744	Extra Space of Renard Ct	2023 Renard Ct	400
400+00	45/657	BG&E	920 Bestgate Road	9,000
411+00	45/784	Annapolis Commerce Park	2032 Industrial Drive	15,800
417+00	45/764	Bestgate 900	900 Bestgate Road	2,500
361+00	44/183	Christ Reformed Evangelical Church	1873 Generals Hwy	1,200

*plat shows 66' WB&A R/W. Property line runs to the center of the R/W.

The areas noted in this table are preliminary and are subject to refinement as the design progresses. It may be possible to tighten the limits of work in some areas to eliminate or reduce the need for right-of-way. Conversely, there are areas where it may be necessary to expand the limits of work for stormwater management, or other considerations.

In addition to the easements and agreements needed for this project, there will have to be coordination with the property owners that have driveways along MD 178. Based on the current schematic plans, there are a total of eleven driveways that will have to be crossed, and for which the design will have to be carefully coordinated.

Forest Conservation

The project will be required to comply with forest conservation requirements. A preliminary forest conservation calculation has been prepared based on the current alignment. The calculation has deducted areas located under the existing overhead transmission mains. In the absence of an easement with a defined width, an area 52' wide has been deducted based on guidance provided by Baltimore Gas and Electric. They maintain an area 20' from either side of the power lines, keeping this clear of trees and routinely trimming and mowing this area. The powerlines and pole infrastructure in this area are generally 12' wide. The basis for this deduction is a previous modification approval by the Office of Planning and Zoning for South Shore Trail Phase II (M16625).

Based on the schematic plans, a total site area of 10.1 +/- acres is proposed for this project for forest conservation purposes. This includes the easement areas that would be acquired on individual properties as well as properties which are already owned by the County or may be conveyed to the County by the State, and existing MDOT right-of-way. From this acreage, 6.0 +/- acres will be

deducted for the areas that are under the overhead transmission main. A total of 1.0 acre (43,560 sf) of forest is proposed to be cleared outside of the overhead powerlines, based on the preliminary grading plans. The amount of forest area cleared could be reduced or increased pending the preparation of the final engineering plans.

This project would not qualify for an exemption for linear projects as outlined in the County Code since more than 20,000 sf of tree clearing will be occurring. The amount of clearing will be refined as the design is finalized. Reforestation within the limits of disturbance may be proposed as part of the design to mitigate for tree clearing and meet the forest conservation requirements. Additional forest conservation outside of the project may be required to meet the forest conservation requirement. Modification requests will be required to address forest conservation, including at a minimum a request to do clearing within the project limits, and a request to exclude the areas under the overhead transmission main from the forest conservation calculations. Modification requests may also be needed for specimen tree impacts once these trees, if any, have been identified. Additionally, modification requests may also be needed for environmental impacts pending a formal wetland/stream delineation.

Utilities

The project has minimal impacts on overhead and underground utilities. There is no public water or sewer infrastructure along the trail alignment, and underground utilities appear to be limited to gas and communications infrastructure. Overhead utilities include power lines, including a BGE transmission main, and communications lines. The schematic plans show existing utility information as assembled from various sources, including Pennoni survey, County GIS, and BGE GIS. Utility test pits, if needed, will be completed at critical areas along the trail, when the design is further along, and the limits of grading have been refined.

Attachment A

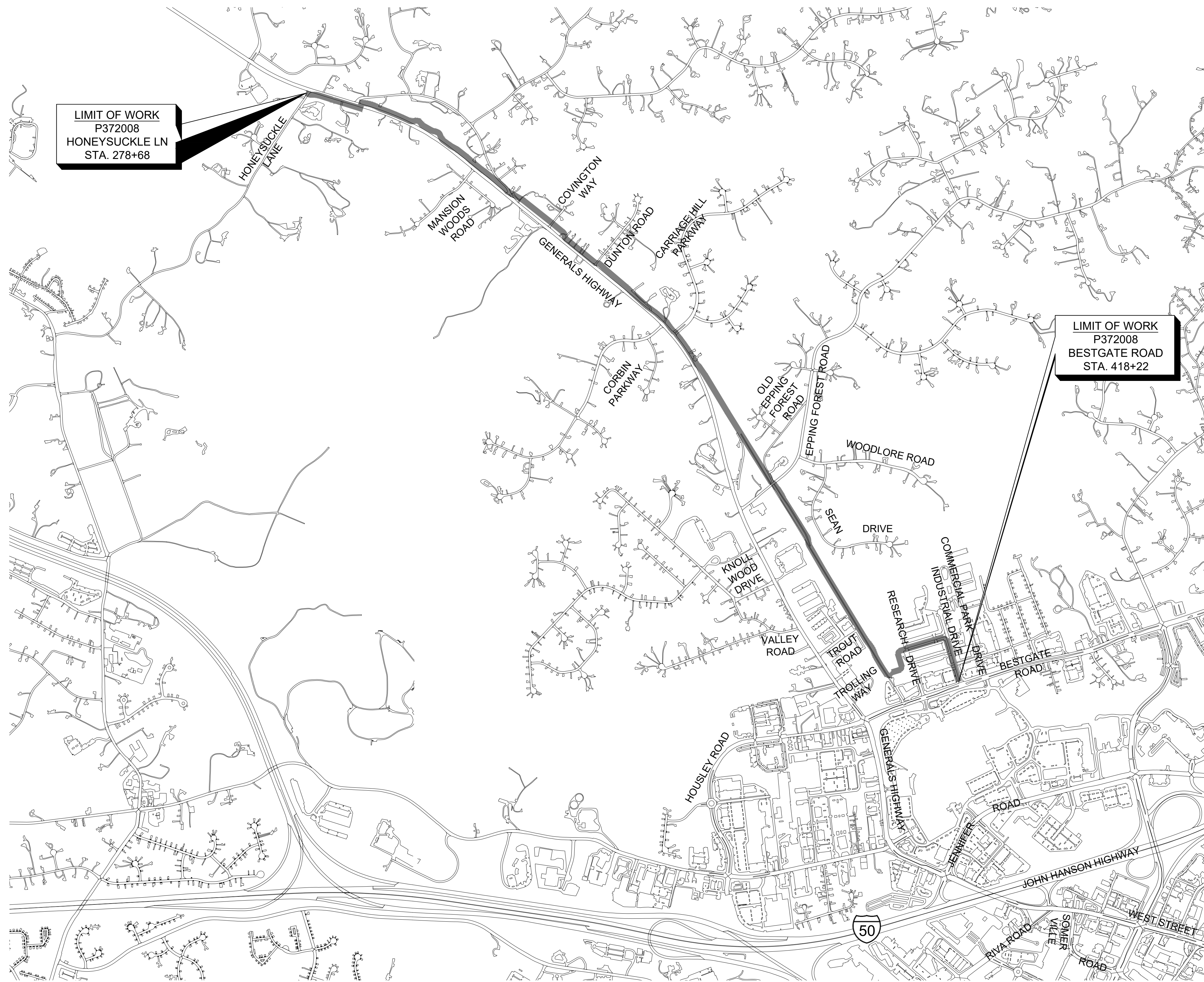
Schematic Design Plans

I:\Accounts\44\COX\44COX\20006 - South Shore Trail Phase 4\DESIGN_SHEETS\REVISED SCHEMATIC PLANS\HONEYSUCKLE LN TO BESTGATE RD PHASE 3\CS0001.dwg PLOTTED: 11/26/2024 1:07 PM, BY: Camila Rodriguez PLOTSTYLE: Penmon NCS.stb PROJECT STATUS: --

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PENNONI ASSOCIATES INC.
8890 McGaw Road, Suite 100
Columbia, MD 21045
T 410.997.8900 F 410.997.9282

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PLOT DATE: 1/26/2024 10:07 PM BY: Caitlin Rodriguez PLOT STYLE: Pennon NCS.dwg PROJECT STATUS: —
GPW No:



PROFESSIONAL CERTIFICATION: I, _____, CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY OR APPROVED BY ME AND THAT I AM A DULY LICENSED _____ UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE # _____ EXPIRATION DATE _____		
#	REVISIONS DESCRIPTION	APPROVED BY DATE



PENNONI ASSOCIATES INC.
8890 McGaw Road, Suite 100
Columbia, MD 21045
T 410.997.8900 F 410.997.9282

ANNE ARUNDEL COUNTY			
DEPARTMENT OF PUBLIC WORKS			
2024-11-26			
APPROVED _____ DATE _____	APPROVED _____ DATE _____	SCALE: 1"=40'	KEY SHEET
CHIEF ENGINEER _____	PROJECT MANAGER _____	CHECKED BY: JSN	
APPROVAL _____ DATE _____	APPROVED _____ DATE _____	SHEET <u>2</u> of <u>21</u>	
ASSISTANT CHIEF ENGINEER _____	CHIEF, RIGHT OF WAY SERVICES _____	PROJECT #: P372000	
		CONTRACT #: P372000	

SOUTH SHORE TRAIL PHASE III
TAX MAPS 44 & 45
HONEYSUCKLE LANE, CROWNSVILLE, MD 21032 TO
BESTGATE ROAD, ANNAPOLIS, MD 21401
ANNE ARUNDEL COUNTY, MD

GENERAL NOTES

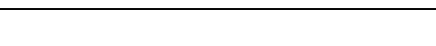
1. THIS FIELD RUN BOUNDARY WAS PERFORMED BY PENNONI ASSOCIATES, INC. ON OR ABOUT FEBRUARY 2024.
2. AERIAL TOPOGRAPHY WAS PERFORMED BY PENNONI DURING FEBRUARY 2024. TOPOGRAPHIC INFORMATION HAS BEEN SUPPLEMENTED BY ANNE ARUNDEL COUNTY AND UTILITY COMPANY GIS INFORMATION.
3. THE EXISTENCE OF VEGETATED OR TIDAL WETLANDS, WATERS OF THE U.S. AND/OR HAZARDOUS WASTES HAS BEEN INVESTIGATED, AND IS SHOWN BASED ON A REPORT PREPARED BY STRAUGHAN ENVIRONMENTAL, DATED MAY 10, 2024.
4. THE SPECIMEN TREES SHOWN ON THE PLAN ARE FROM A FOREST STAND DELINEATION PREPARED BY STRAUGHAN ENVIRONMENTAL, DATED JULY 9, 2024.
5. UNLESS OTHERWISE INDICATED, THE LOCATION OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE AND ARE BASED ON VISIBLE EVIDENCE, OR GIS RECORDS.
6. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS, AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICE MAINS. ANY DAMAGE TO THEM SHALL BE REPAIRED IMMEDIATELY AT NO ADDITIONAL COST TO ANNE ARUNDEL COUNTY OR THE SHA.
7. UTILITY RELOCATION WILL BE PERFORMED BY OTHERS UNLESS NOTED OTHERWISE IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF HIS CONSTRUCTION WITH THE CONSTRUCTION OF OTHER CONTRACTORS (INCLUDING BUT NOT LIMITED TO BG&E, VERIZON, AND CABLE TV UTILITY). REFER TO PROJECT MANUAL GENERAL SPECIAL PROVISIONS.
8. THE CONTRACTOR SHALL CALL "MISS UTILITY" 1-800-257-7777 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING ANY EXCAVATION.
9. IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NATURALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO COMPLETE SUCH WORK.
10. THE CONTRACTOR SHALL NOTIFY THE ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS (410) 222-4126, AT LEAST FOURTEEN (14) DAYS PRIOR TO BEGINNING CONSTRUCTION.
11. GRID COORDINATES ARE BASED ON THE MARYLAND STATE PLANE COORDINATE SYSTEM NAD 83/91. VERTICAL ELEVATIONS ARE BASED UPON NAVD 88.
12. THE CONTRACTOR SHALL ADJUST MANHOLES, WATER, METER VALVES, HAND BOXES, AND OTHER APPURTENANCES TO FINAL GRADE. THE COST OF PERFORMING THESE ACTIVITIES SHALL BE INCIDENTAL TO THE CONTRACT PRICE PAID FOR VARIOUS PAVEMENT ITEMS.
13. UNLESS OTHERWISE NOTED, PIPE ELEVATIONS REFER TO THE PIPE INVERT.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY EXISTING LIGHT POLES, TRAFFIC BARRIER, SIGNS, ETC., DAMAGED OR REMOVED BY HIM DURING CONSTRUCTION.
15. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF ANY DEVIATION TO THIS PLAN PRIOR TO ANY FIELD CHANGES BEING MADE. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR ANY FIELD CHANGES OR ADJUSTMENTS WITHOUT NOTIFYING THE ENGINEER.
16. ALL WORK SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" ISSUED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT AND AMENDMENTS BY THE ANNE ARUNDEL SOIL CONSERVATION DISTRICT, CONTAINED HEREIN AND THE 2017 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS ISSUED BY THE MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION.
17. THE DESIGN FOR THIS PROJECT INCORPORATES FACILITIES FOR THE HANDICAPPED IN COMPLIANCE WITH STATE AND FEDERAL LEGISLATION.
18. WHERE CURB AND GUTTER ENDS ARE EXPOSED, PROVIDE A NOSE DOWN SECTION AT 3:1 SLOPE.
19. IN PAVEMENT AND GRAVEL REMOVAL AREAS, THE CONTRACTOR SHALL REMOVE ALL PAVING AND BASE MATERIALS, BACKFILL WITH COMMON BORROW MATERIAL AND 4" OF TOPSOIL, SEED AND MULCH. THE AREA SHALL BE GRADED TO DRAIN.
20. MATERIAL REMOVED DURING CONSTRUCTION SHALL BECOME THE CONTRACTOR'S PROPERTY UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIAL PROVISIONS.
21. STORM DRAIN AND UTILITY INSTALLATION IN EXISTING PAVEMENT SHALL BE IN ACCORDANCE WITH MD STD. 578.1
22. SUBGRADE DRAINS SHALL BE PLACED WHEN WET SUBGRADE IS ENCOUNTERED AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL USE CIRCULAR PIPE UNDERDRAIN OUTLET TO CONNECT ALL EXISTING AND PROPOSED SUBGRADE DRAIN AND PERFORATED CIRCULAR PIPE UNDERDRAIN TO PROPOSED INLETS.
23. ALL INVERT ELEVATIONS ARE APPROXIMATE. INVERT ELEVATIONS OF INLETS AND PIPES MAY BE MODIFIED AS DIRECTED BY THE ENGINEER TO MEET CONDITIONS ENCOUNTERED DURING INSTALLATION OF DRAINAGE STRUCTURES. ALL PIPES AND DITCHES SHALL BE CONSTRUCTED ON A UNIFORM GRADE BETWEEN INVERT ELEVATIONS NOTED ON THE PLANS, UNLESS INDICATED OTHERWISE ON THE PLANS OR DETAILS OR AS DIRECTED BY THE ENGINEER. THE LOCATION AND LENGTH OF PIPE SHALL BE VERIFIED BY THE CONTRACTOR BEFORE ORDERING.
24. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION OF ANNE ARUNDEL, CONTAINED HEREIN.
25. CONTRACTOR MUST HAND DIG NEAR EXISTING UNDERGROUND UTILITIES WITH LESS THAN OR EQUAL TO 3.0 FEET CLEAR DISTANCE.
26. EXISTING OVERHEAD POWER LINES ARE IN THE VICINITY OF THE PROJECT. AT NO TIME WILL THE POWER BE PERMITTED TO BE SHUT OFF. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL COMPLY ABSOLUTELY WITH THE MARYLAND HIGH VOLTAGE ACT. IT IS THE CONTRACTOR'S OBLIGATION TO VERIFY THE EXISTING LOCATION OF THE POWER LINES IN THE FIELD AND TO MAINTAIN AND ENFORCE CLEARANCE REQUIREMENTS SPECIFIED IN THE ACT.
27. PROPOSED FENCING SHALL BE BLACK VINYL COATED CHAIN LINK AND PRESSURE TREATED WOOD SPLIT RAIL FENCE. FINAL HEIGHT SHALL BE DETERMINED WITH FUTURE PLANS.
28. PROPOSED RETAINING WALLS SHALL BE LARGE SEGMENTAL BLOCK.

SYMBOL LEGEND

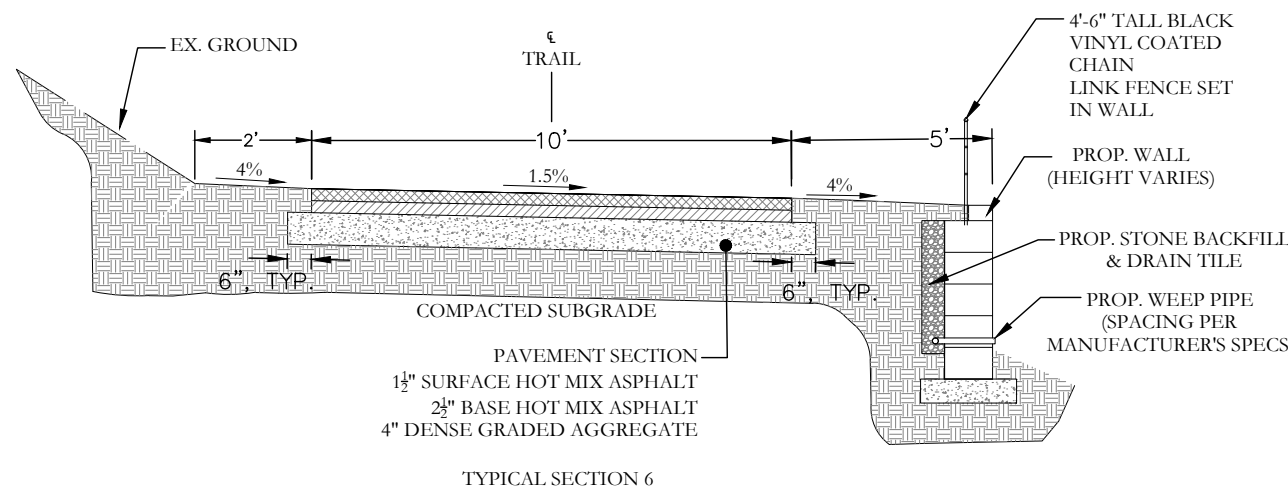
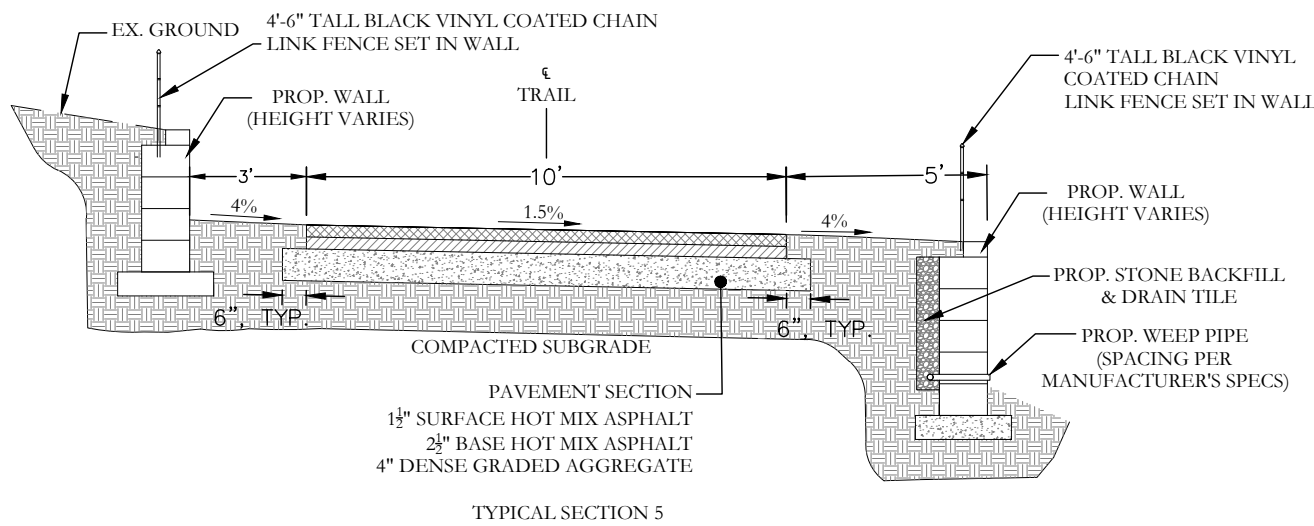
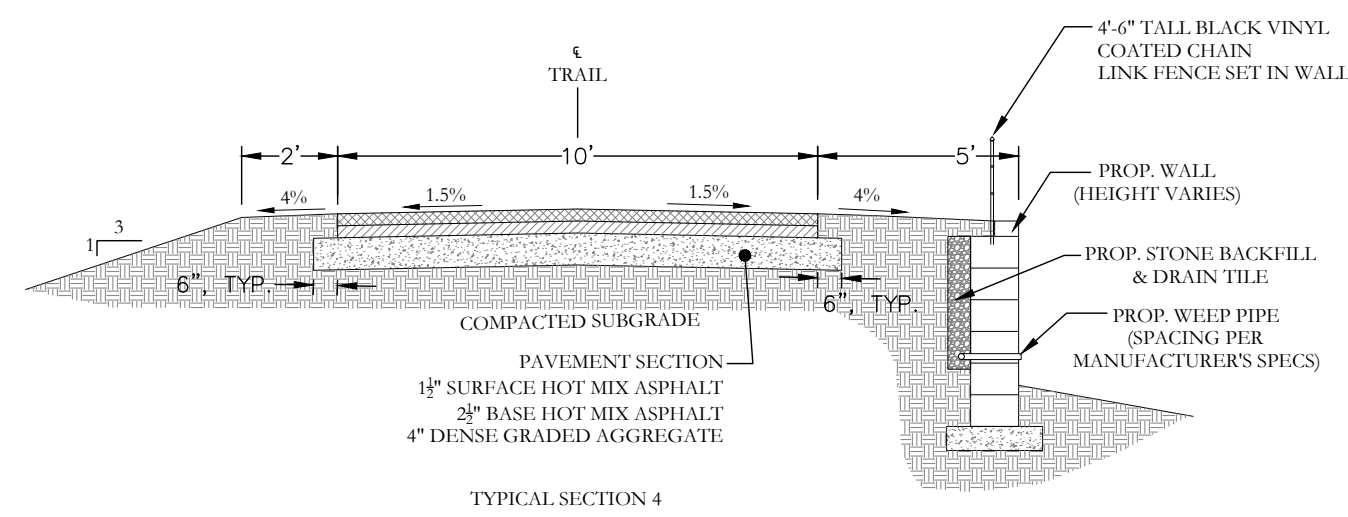
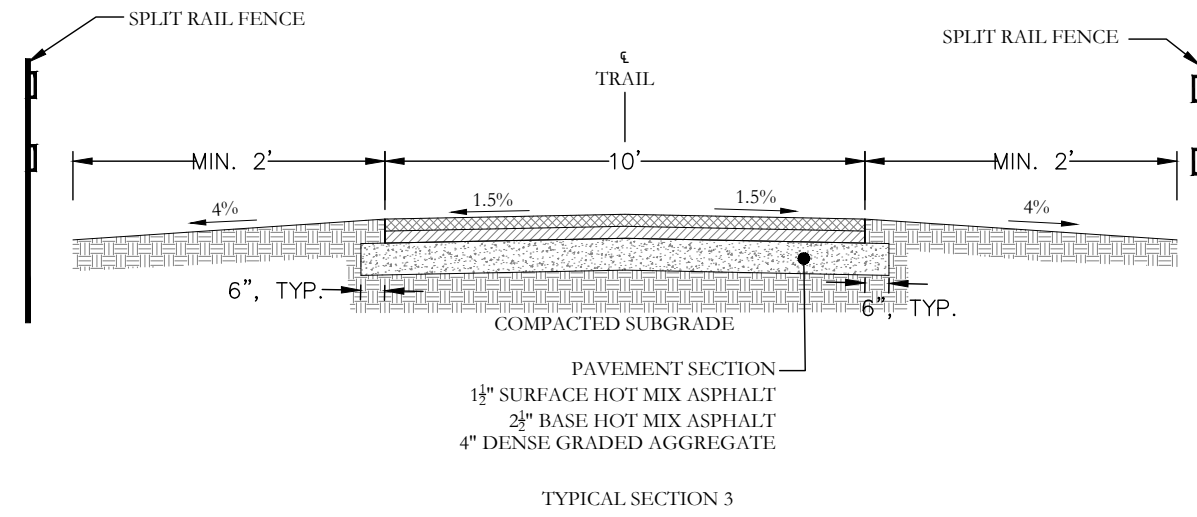
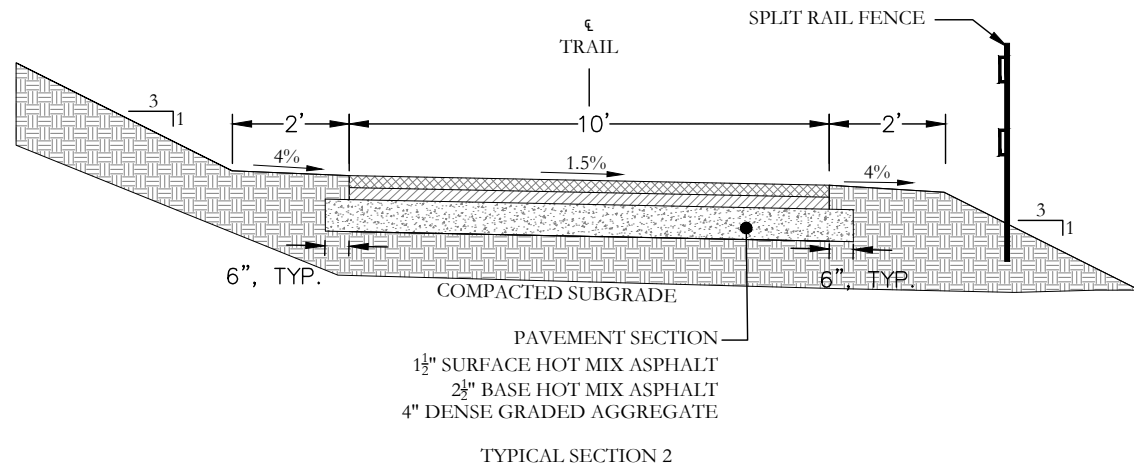
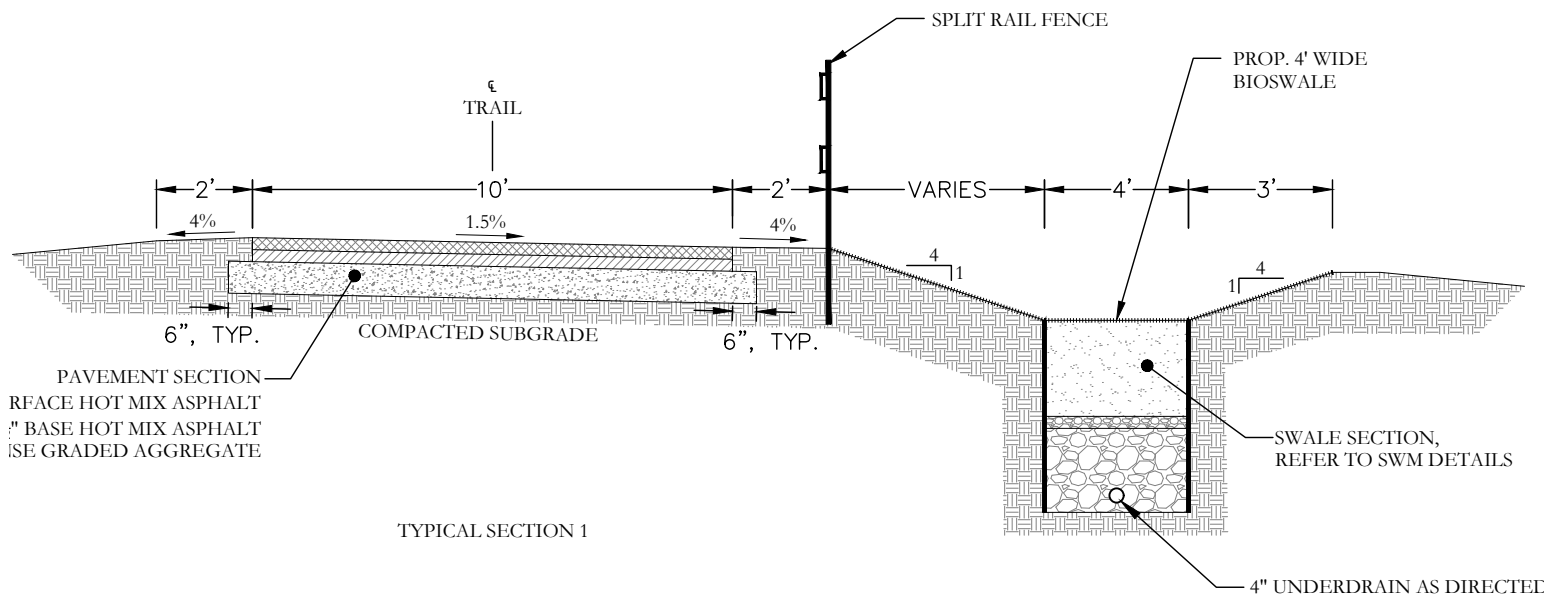
PROPERTY LINE AND RIGHT-OF-WAY	
EXISTING 2' CONTOUR	
EXISTING 10' CONTOUR	
EXISTING TREE LINE	
EXISTING SOILS	
EXISTING ASPHALT ROADWAY	
EXISTING BUILDINGS	
EXISTING FENCE	
EXISTING WATER	
EXISTING SEWER	
EXISTING OVERHEAD ELECTRIC	
EXISTING UNDERGROUND ELECTRIC	
EXISTING STORM DRAIN	
EXISTING GAS	
EXISTING STREAM	
EXISTING STREAM BUFFER	
EXISTING WETLANDS	
EXISTING WETLAND BUFFER	
SPECIMEN TREE AND CRITICAL ROOT ZONE	
EXISTING DRAINAGE AREA	
PROPOSED ASPHALT TRAIL	
PROPOSED CONCRETE TRAIL	
PROPOSED RETAINING WALL	
PROPOSED FENCE	
PROPOSED RETAINING WALL WITH SPLIT-RAIL FENCE	
PROPOSED STORM DRAIN	
PROPOSED NON-ROOFTOP DISCONNECT AREA	
PROPOSED MICRO-BIORETENTION FACILITY	
PROPOSED GRASS SWALE	
PROPOSED MICRO-INFILTRATION FACILITY	
PROPOSED 2' CONTOUR	
PROPOSED 10' CONTOUR	
PROPOSED SPOT ELEVATION	

LIST OF ABBREVIATIONS

ABATUR	-	ABANDONED ACCORDING TO UTILITY RECORDS	P.V.C.	-	POINT OF VERTICAL CURVE (OR POLYVINYL CHLORIDE)
A.D.T.	-	AVERAGE DAILY TRAFFIC	P.V.I.	-	POINT OF VERTICAL INTERSECTION
AHD	-	AHEAD	PVMT.	-	PAVEMENT
BGE	-	BALTIMORE GAS AND ELECTRIC COMPANY	P.V.T.	-	POINT OF VERTICAL TANGENCY
BIT.	-	BITUMINOUS	R	-	RADIUS
BK.	-	BACK	R.C.C.P.	-	REINFORCED CEMENT CONCRETE PIPE
B.M.	-	BENCH MARK	REF.	-	REFERENCE
BWL	-	BOTTOM OF WALL	R.S.E.	-	REVERTIBLE SLOPE EASEMENT
BL	-	BASELINE	RT.	-	RIGHT
C	-	RATE OF TRANSITION	RTE.	-	ROUTE
CC	-	CENTER POINT OF CURVE	R/W	-	RIGHT OF WAY
CATV	-	CABLE TELEVISION	SAN.	-	SANITARY
C&G	-	CURB AND GUTTER	S.D.	-	STORM DRAIN
C.I.P.	-	CAST IN PLACE (OR CURB INLET PROTECTION)	S/E	-	SUPER ELEVATION
C.I.P.	-	CORRUGATED METAL PIPE	S.H.A.	-	STATE HIGHWAY ADMINISTRATION
C.S.P.	-	CORRUGATED STEEL PIPE	SMH.	-	SEWER MANHOLE
C.O.	-	CLEAN OUT	S.S.D.	-	STOPPING SIGHT DISTANCE
COMB.	-	COMBINATION	STA.	-	STATION
COMM.	-	COMMUNICATION	STD.	-	STANDARD
CONSTR.	-	CONSTRUCTION	STRUCT.	-	STRUCTURE
CORR.	-	CORRECTION	T	-	TELEPHONE
DATUR	-	DEPICTED ACCORDING TO UTILITY RECORDS	TC	-	TRAFFIC CONTROL
DWG.	-	DRAWING	T.C.A.	-	TEMPORARY CONSTRUCTION EASEMENT
Dc	-	DEGREE OF CURVE	T.C.P.	-	TRAFFIC CONTROL PLANS
Δ	-	DELTA (CENTRAL ANGLE), DEGREES	T.H.	-	TEST HOLE
D.H.V.	-	DESIGN HOUR VOLUME	TW	-	TOP OF WALL
D.I.	-	DROP INLET	TYP.	-	TYPICAL
DIA.	-	DIAMETER	U.D.	-	UNDERDRAIN PIPE
D.S.	-	DESIGN SPEED	WB	-	WESTBOUND
E	-	ELECTRIC	W.M.	-	WATER METER
EB	-	EASTBOUND	W.S.	-	WRAPPED STEEL
EOI	-	END OF INFORMATION	W.U.S.	-	WATERS OF THE UNITED STATES
EORI	-	END OF RECORD INFORMATION	W.V.	-	WATER VALVE
ERCCP	-	ELLIPITICAL REINFORCED CEMENT CONCRETE PIPE	V.C.	-	LENGTH OF VERTICAL CURVE
ES	-	END STRUCTURE			
EW	-	ENDWALL OR EACH WAY			
EX., EXIST-	-	EXISTING			
F.O.	-	FIBER OPTIC			
F.S.	-	FULL SUPER			
GA.	-	GAUGE OR GAGE			
G.H.C.	-	GAS HOUSE CONNECTION			
G.V.	-	GAS VALVE			
HDWL	-	HEADWALL			
HERCCP	-	HORIZONTAL ELLIPITICAL REINFORCED CEMENT CONCRETE PIPE			
H.H.	-	HANDHOLE			
H.S.A.	-	HEADLIGHT SIGHT DISTANCE			
H.P.	-	HIGH POINT			
I	-	INLET			
INV.	-	INVERT			
L	-	LENGTH			
L.P.	-	LOW POINT (OR LIGHT POLE)			
L.S.	-	LEVEL SECTION			
LT.	-	LEFT			
M.B.	-	MAIL BOX			
MD	-	MARYLAND			
MDE	-	MARYLAND DEPARTMENT OF THE ENVIRONMENT			
M.H.	-	MANHOLE			
N/A	-	NOT APPLICABLE			
NO.	-	NUMBER			
N.S.	-	NORMAL SECTION			
O.C.	-	ON CENTER			
O/S	-	OFFSET			
P.C.	-	POINT OF CURVE			
P/C	-	POINT OF CROWN			
P.C.C.	-	POINT OF COMPOUND CURVE OR PORTLAND CEMENT CONCRETE			
P/G.E.	-	PROFILE GRADE ELEVATION			
P.G.L.	-	PROFILE GRADE LINE			
P/G.L.	-	PROFILE GROUND LINE			
P.H.	-	PUNCH HOLE			
P.I.	-	POINT OF INTERSECTION			
P.O.C.	-	POINT ON CURVE			
P.O.T.	-	POINT ON TANGENT			
P/R	-	POINT OF ROTATION			
P.R.C.	-	POINT OF REVERSE CURVATURE			
P.T.	-	POINT OF TANGENT			

PROFESSIONAL CERTIFICATION: I, _____, CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY OR APPROVED BY ME AND THAT I AM A DULY LICENSED _____ UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE # _____ EXPIRATION DATE _____				ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS 2024-11-26			
# REVISIONS DESCRIPTION APPROVED BY DATE		 PENNONI ASSOCIATES INC. 8890 McGaw Road, Suite 100 Columbia, MD 21045 T 410.997.8900 F 410.997.9282		APPROVED DATE CHIEF ENGINEER APPROVAL DATE ASSISTANT CHIEF ENGINEER		APPROVED DATE PROJECT MANAGER APPROVED DATE CHIEF, RIGHT OF WAY SERVICES	
				SCALE: 1"=40' DRAWN BY: HJMT CHECKED BY: JSN SHEET 3 of 21 PROJECT #: P372000 CONTRACT #: P372007			
				GENERAL NOTES, LEGEND, AND ABBREVIATIONS SOUTH SHORE TRAIL PHASE III TAX MAPS 44 & 45 HONEYSCUKLE LANE, CROWNSVILLE, MD 21032 TO BESTGATE ROAD, ANNAPOLIS, MD 21401 ANNE ARUNDEL COUNTY, MD			

U:\Account\ACOW\ACOW2008 - South Shore Trail Phase II\DESIGN_SHEETS\DESIGNED SCHEMATIC PLAN\ONE\SSO\PLAN TO BESTGATE RD PHASE II\SSO07.dwg
PLOTTED: 11/26/2024 1:08 PM BY: Carlin Rodriguez
PROJECT STATUS: —
PLOTSTYLE: Pennon MCS.ctb



SECTION NOTES:

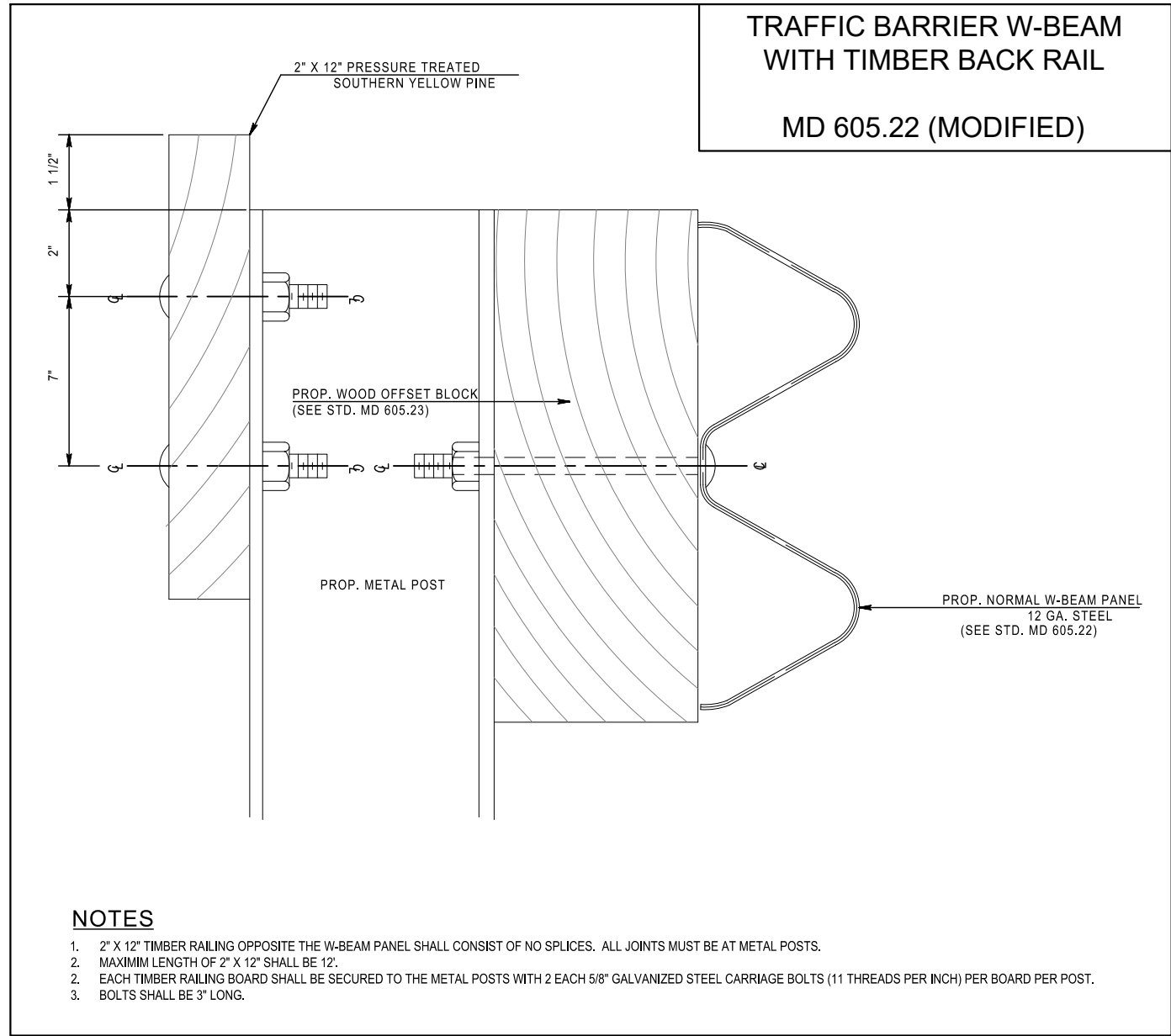
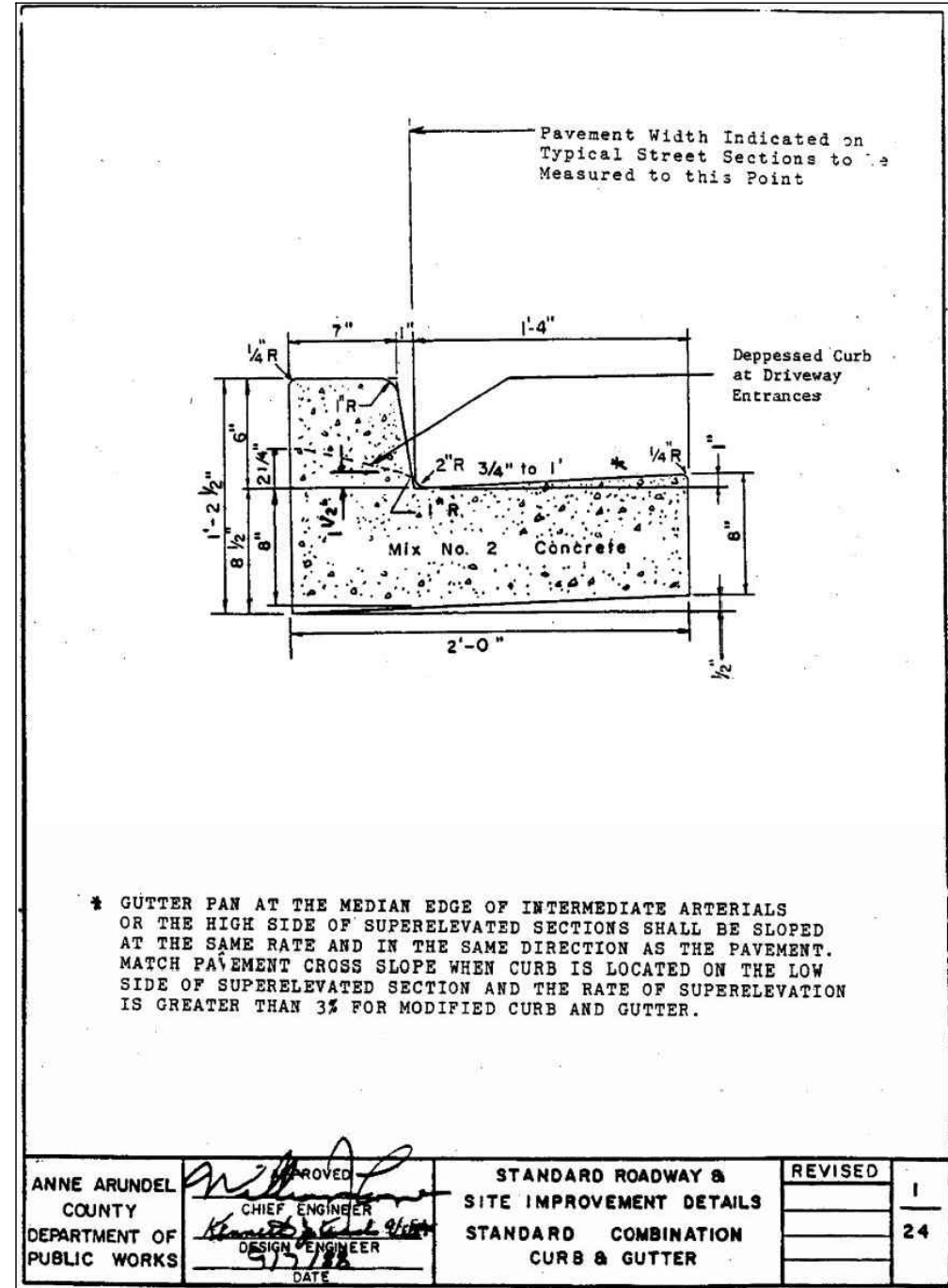
- ALL CONSTRUCTION SHALL CONFORM TO THE COUNTY'S MOST CURRENT STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
- THE SUBGRADE MUST BE PREPARED TO AN UNYIELDING, STABLE AND COMPACTED CONDITION PRIOR TO PLACEMENT AND COMPACTION OF THE DENSE AGGREGATE SUB-BASE.
- THE CONTRACTOR SHALL PROOF-ROLL THE SUBGRADE PRIOR TO PLACEMENT OF THE DENSE GRADED AGGREGATE SUB-BASE. UNSUITABLE SUBGRADE SHALL BE REMOVED AND REPLACED BY DENSE GRADED AGGREGATE OR BY A MATERIAL APPROVED BY A GEOTECHNICAL ENGINEER.
- TRAIL EDGES SHALL BE CONSTRUCTED CLEAN, STRAIGHT, AND HAND TAMPED AS NECESSARY TO PROVIDE A FINISHED APPEARANCE.
- SLOPES ARE TO BE 3H:1V OR FLATTER UNLESS OTHERWISE NOTED ON THE PLANS.
 - FOR SLOPES 3H:1V AND FLATTER, PLACE 4" TOPSOIL AND APPLY SEED AND MULCH IN ACCORDANCE WITH VEGETATION ESTABLISHMENT SPECIFICATIONS.
 - FOR SLOPES STEEPER THAN 3H:1V, PLACE 2" TOPSOIL, SEED AND SOIL STABILIZATION MATTING.
- TREE ROOTS RUNNING THROUGH OR NEAR THE TRAIL SHALL BE ROOT PRUNED BACK AT LEAST 4' FROM THE EDGE OF TRAIL OR RETAINING WALL.
- RETAINING WALLS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. BACKFILL WALL WITH STONE AND ADD DRAIN TILE PER MANUFACTURER'S SPECIFICATIONS.
- SEE TYPICAL TRAIL SECTION SHEET 5. PAVEMENT SPECIFICATION SHALL BE AS FOLLOWS:
 - FOR ALL 9.5MM SURFACE MIXES: SUPERPAVE ASPHALT MIX 9.5MM FOR SURFACE, PG 64S-22, LEVEL 2.
 - FOR ALL 12.5MM SURFACE MIXES: SUPERPAVE ASPHALT MIX 12.5MM FOR SURFACE, PG 64S-22, LEVEL 2.
 - FOR ALL 19.0MM BASE MIXES: SUPERPAVE ASPHALT MIX 19.0MM FOR BASE, PG 64S- 22, LEVEL 2.



GP #: # DWG NO: ###

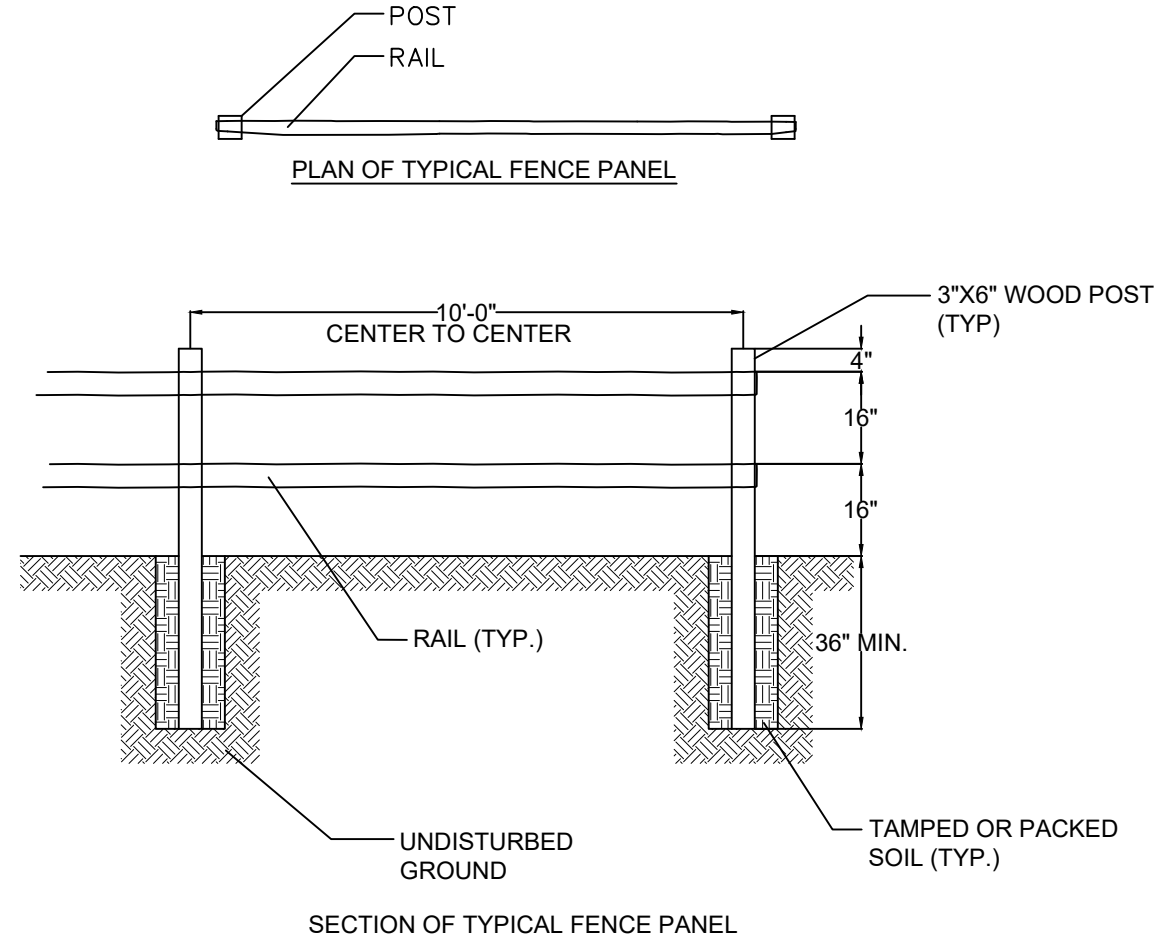
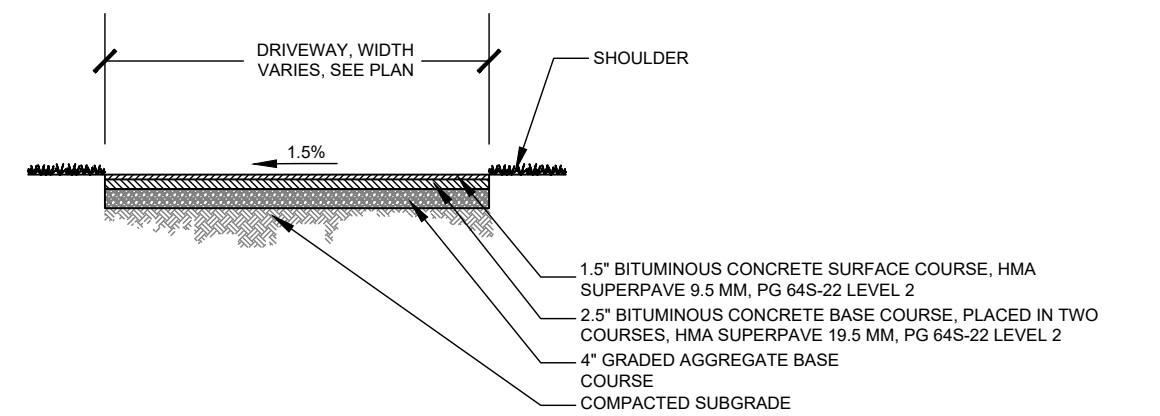
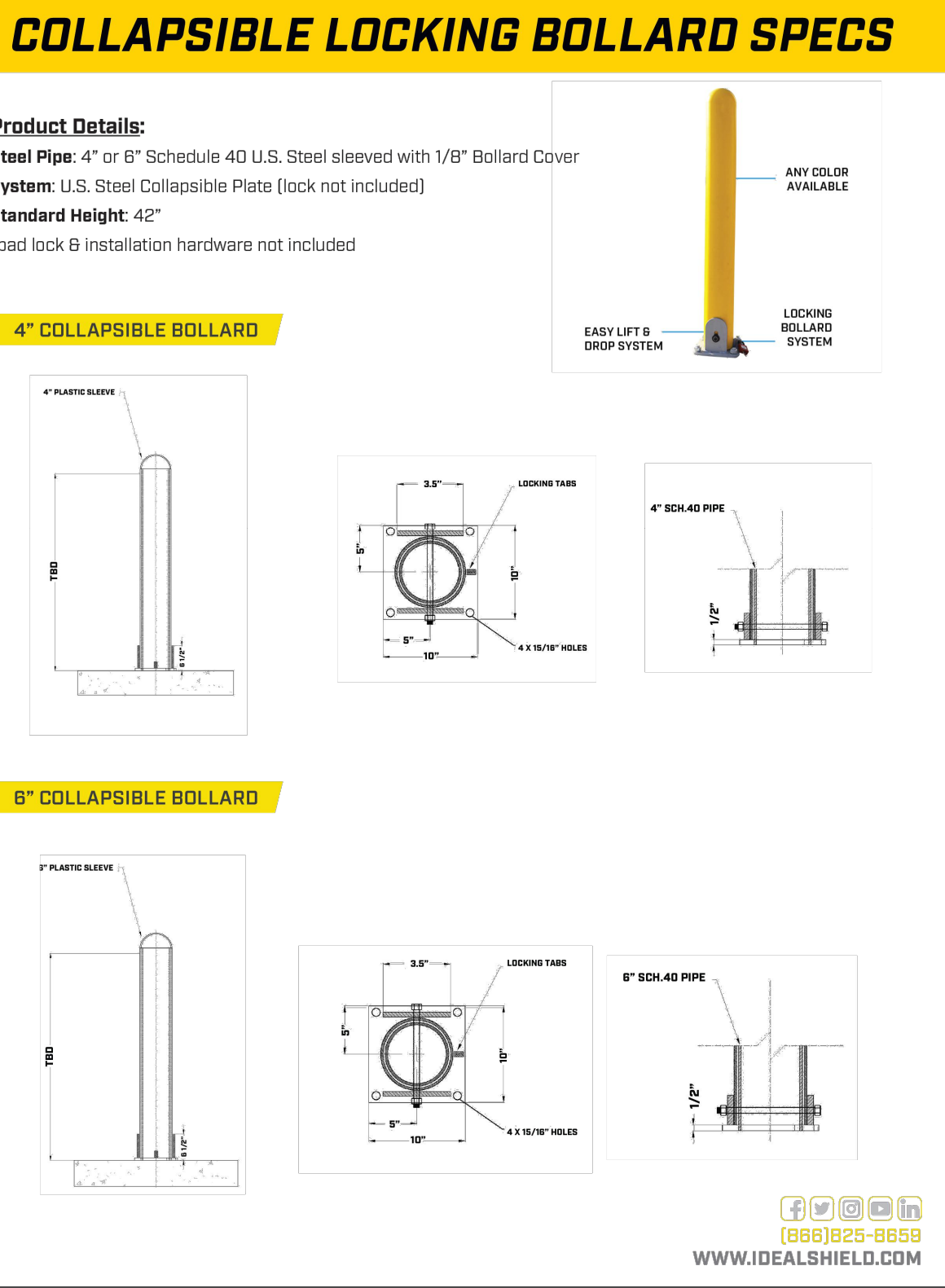
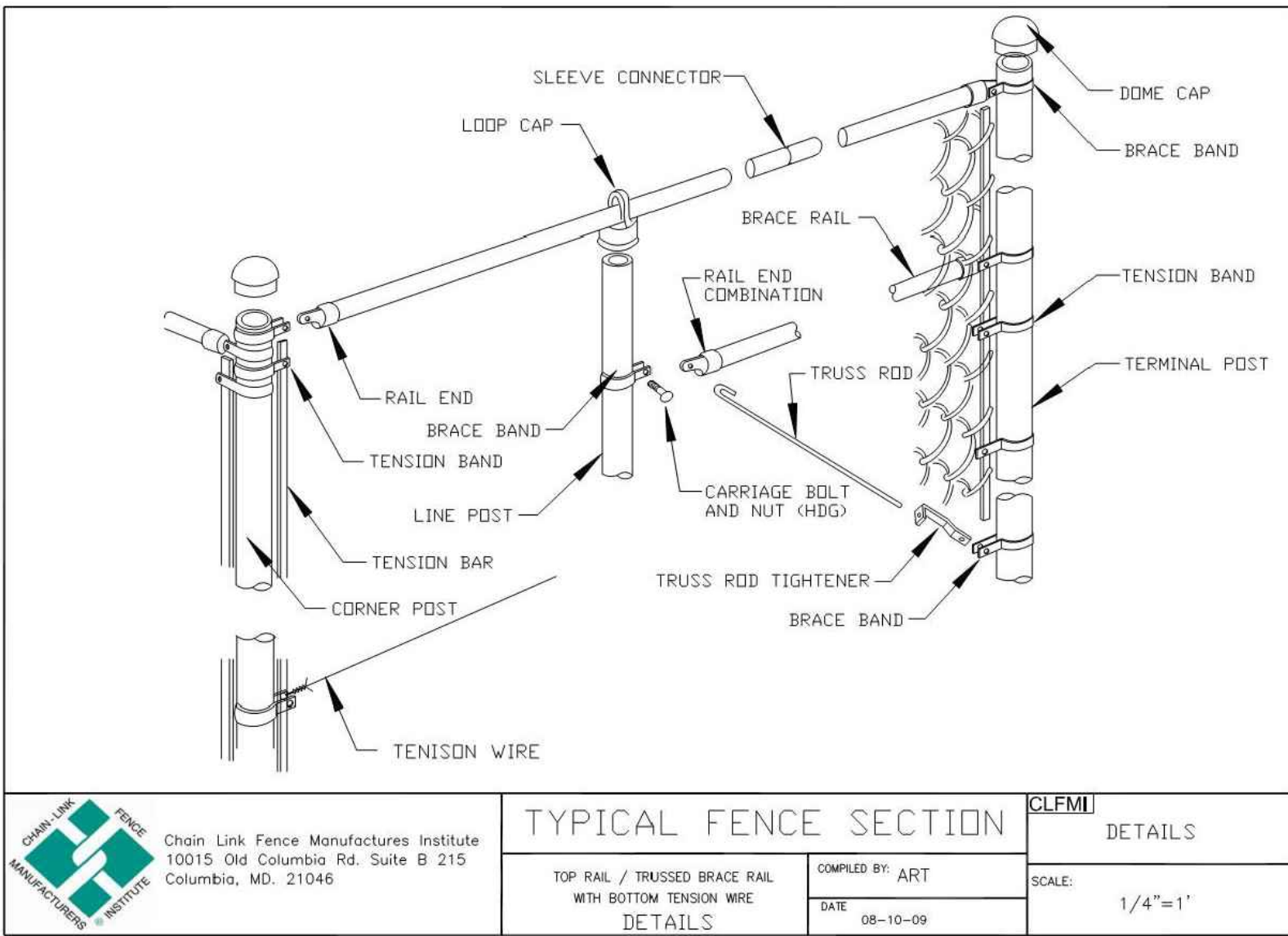
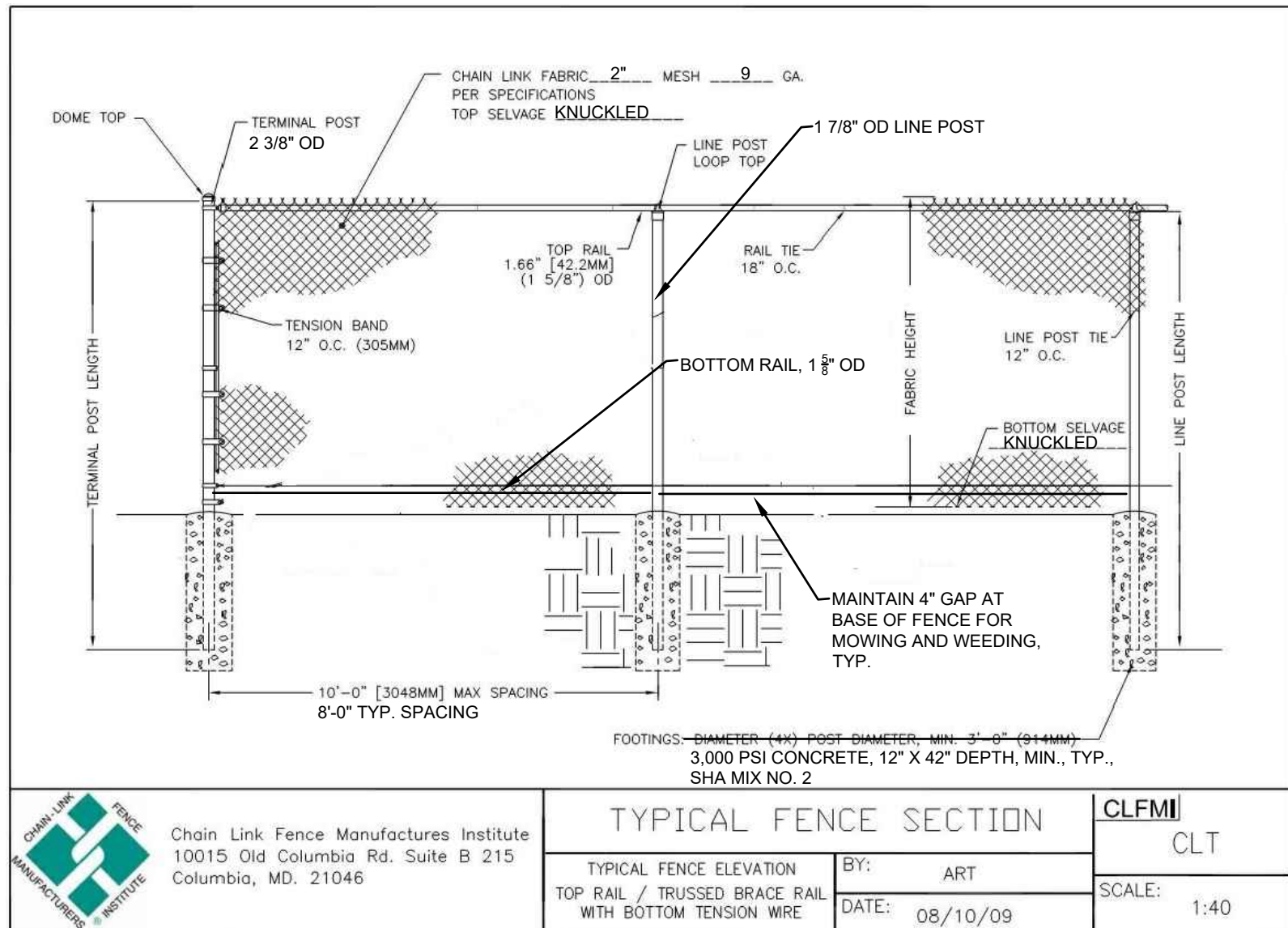
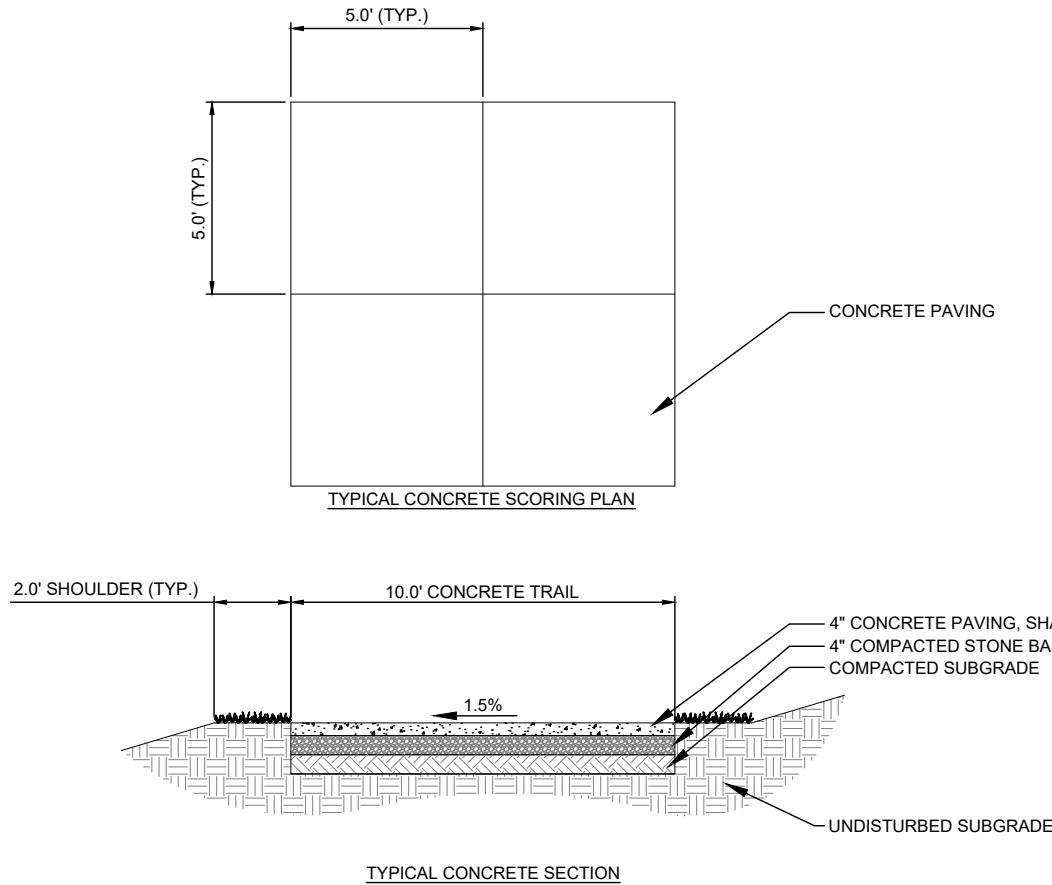
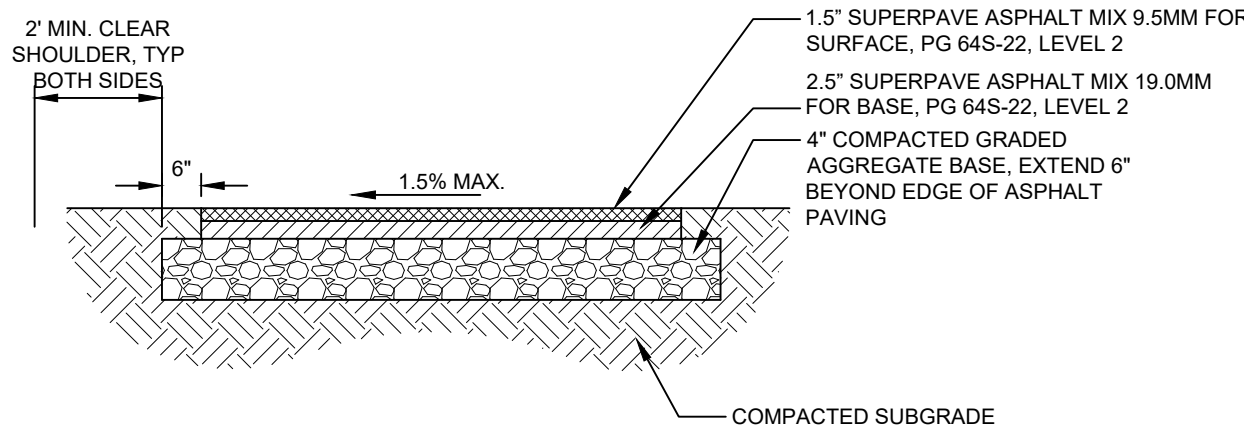
PROFESSIONAL CERTIFICATION: I, _____, CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY OR APPROVED BY ME AND THAT I AM A DULY LICENSED _____ UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE # _____ EXPIRATION DATE _____		 PENNONI ASSOCIATES INC. 8890 McGaw Road, Suite 100 Columbia, MD 21045 T 410.997.8900 F 410.997.9282	
#	REVISIONS DESCRIPTION	APPROVED BY	DATE

ANNE ARUNDEL COUNTY			
DEPARTMENT OF PUBLIC WORKS			
2024-11-			
APPROVED	DATE	APPROVED	DATE
CHIEF ENGINEER		PROJECT MANAGER	
APPROVAL	DATE	APPROVED	DATE
ASSISTANT CHIEF ENGINEER		CHIEF, RIGHT OF WAY SERVICES	
SCALE: NOT TO SCALE		TYPICAL SECTIONS AND DETAIL	
DRAWN BY: HJMT		SOUTH SHORE TRAIL PHASE III TAX MAPS 44 & 45 HONEYSUCKLE LANE, CROWNSVILLE, MD 21032 TO BESTGATE ROAD, ANNAPOLIS, MD 21401 ANNE ARUNDEL COUNTY, MD	
CHECKED BY: JSN			
SHEET 4 of 21			
PROJECT #: P372000			
CONTRACT #: P372007			



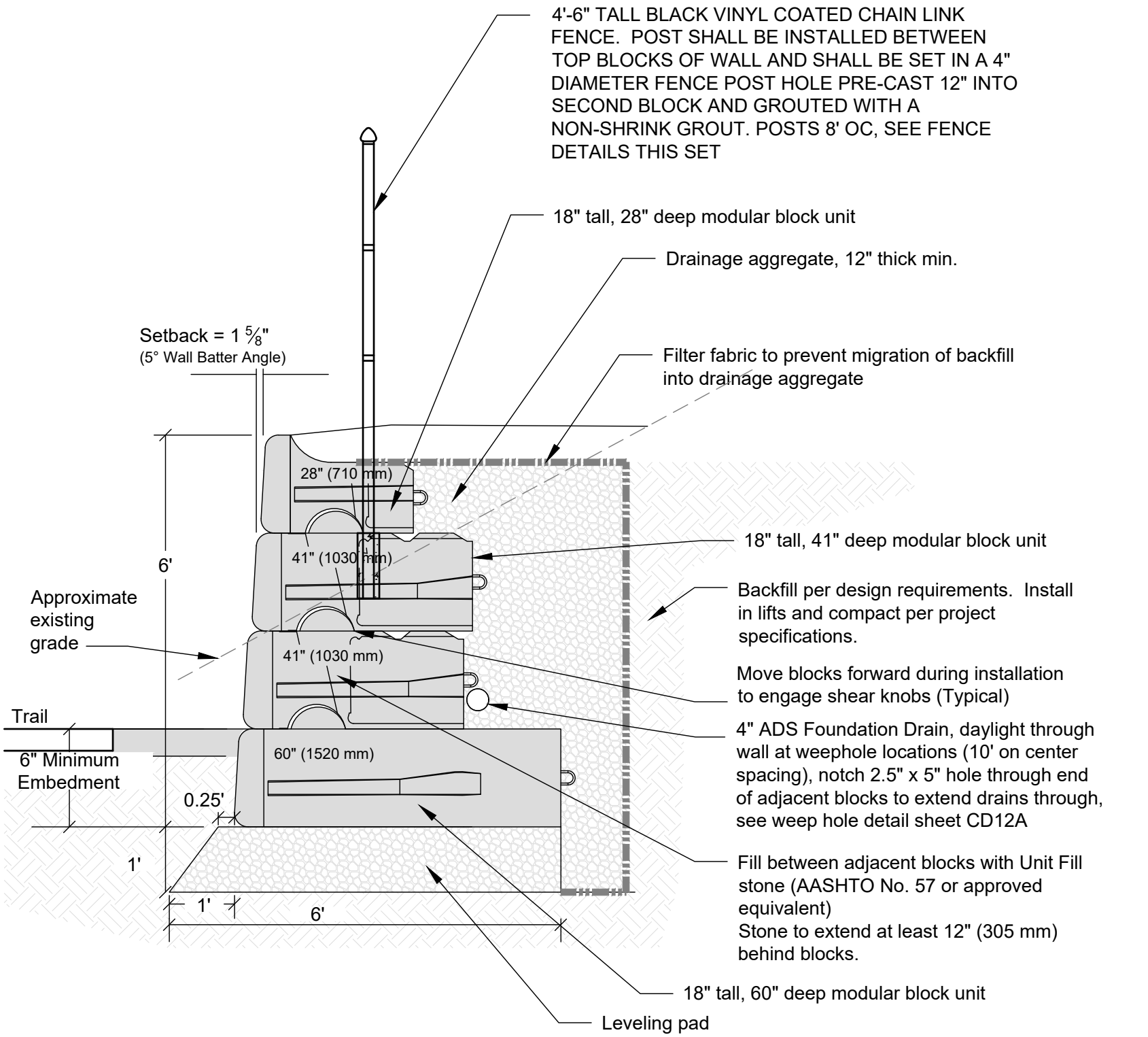
TRAIL SECTION NOTES:

- 2' SHOULDERS WITH MAXIMUM SLOPE OF 1:6 SLOPE SHALL BE PROVIDED ON EACH SIDE OF THE TRAIL.
- MAXIMUM SLOPE ABOVE OR BELOW THE TRAIL: 3:1 (IN SPECIFIC SITUATIONS ALONG THE PROJECT 2:1 SLOPES ARE UTILIZED. THESE HAVE BEEN NOTED ON THE PLAN.
- MINIMUM SLOPE AWAY FROM THE TRAIL: 2%.
- SEE PLAN VIEWS FOR SPECIFIC GRADING ALONG TRAIL.
- CROSS SLOPE OF TRAIL SHALL BE 1.5%. SEE PLAN VIEWS FOR DIRECTION OF SLOPE.



SPLIT RAIL FENCE NOTES:

- POSTS AND RAILS SHALL BE CCA PRESSURE TREATED, LOCUST, CEDAR, OR OTHER ROT RESISTANT WOOD, OR APPROVED ALTERNATE.
- RAILS SHALL BE NAILED TO POSTS WITH GALVANIZED NAILS.



WALL NOTES

- PROVIDE 4'-6" BLACK VINYL CHAIN LINK FENCE ON TOP OF WALL AS SHOWN ON PLANS. POST SHALL BE INSTALLED BETWEEN TOP BLOCKS OF WALL AND SHALL BE SET IN A FENCE POST HOLE PRE-CAST 12" INTO SECOND BLOCK AND GROUTED WITH A NON-SHRINK GROUT. POSTS SPACED 8' ON CENTER.
- FENCES AND POSTS SHALL BE INSTALLED SO THAT THERE ARE NO GAPS, HORIZONTALLY OR VERTICALLY, BETWEEN THE WALL AND THE FENCE OF GREATER THAN 4".

Retaining Wall H Section
SCALE: 1" = 2'

FENCE NOTES:

- FENCE SHALL BE BLACK VINYL COATED CHAIN LINK.
- FENCE SHALL BE 54" HIGH
- FENCE POSTS SHALL BE 8' O.C.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR FENCE INSTALLATION AND FENCE PRODUCTS PRIOR TO CONSTRUCTION.
- FENCE FABRIC SHALL BE INSTALLED LEAVING THE 'SHARPS' AT THE BOTTOM.
- A 4" GAP SHALL BE LEFT AT THE BOTTOM OF THE FENCE TO ALLOW FOR TRIMMING AND MOWING.
- CONCRETE FOR FOOTINGS SHALL BE SHA MIX NO. 2
- FOR FENCE INSTALLATION ON TOP OF RETAINING WALLS, SEE RETAINING WALL PLAN AND PROFILE SHEETS.

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REVISIONS	APPROVED
#	DESCRIPTION

Pennoni
PENNONI ASSOCIATES INC.
8890 McGaw Road, Suite 100
Columbia, MD 21045
T 410.997.8900 F 410.997.9282

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS
2024-11-26

APPROVED	DATE	APPROVED	DATE	SCALE: 1"=40'
CHIEF ENGINEER		PROJECT MANAGER		DRAWN BY: HJMT
APPROVAL	DATE	APPROVED	DATE	CHECKED BY: JSN
				SHEET 5 of 21
				PROJECT #: P372000
				CONTRACT #: P372007
ASSISTANT CHIEF ENGINEER		CHIEF, RIGHT OF WAY SERVICES		MISCELLANEOUS DETAILS

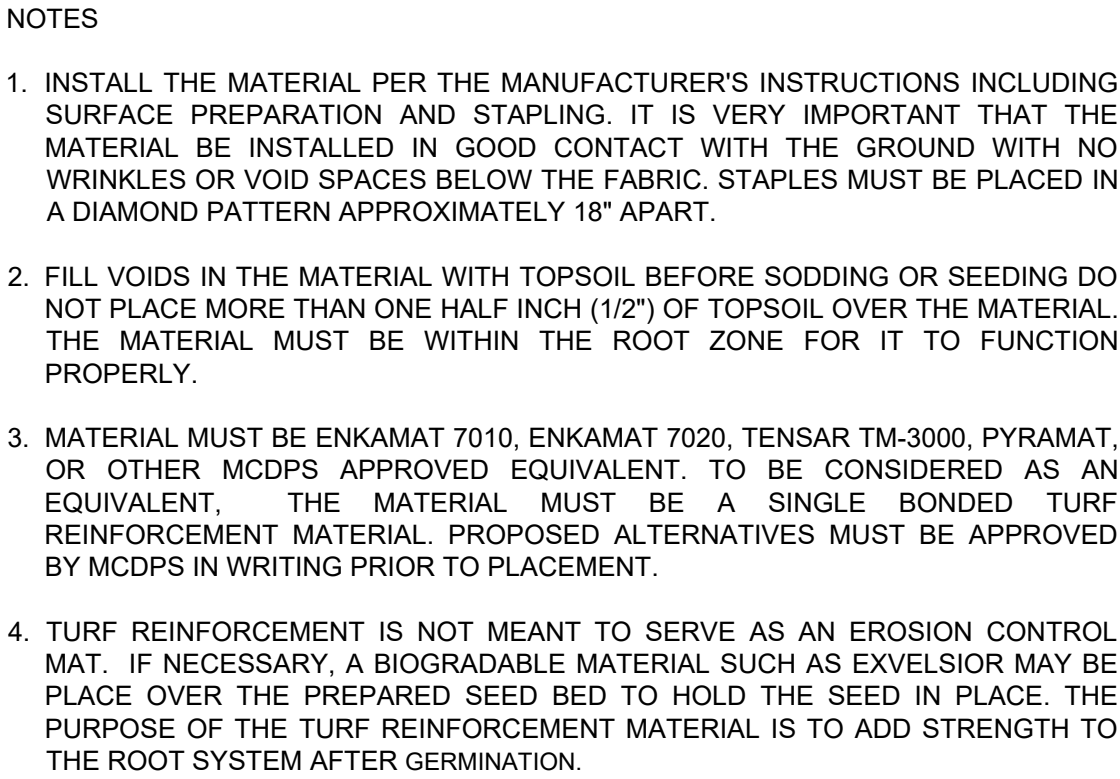
SOUTH SHORE TRAIL PHASE III
TAX MAPS 44 & 45
HONEYUCKLE LANE, CROWNSVILLE, MD 21032 TO
BESTGATE ROAD, ANNAPOLIS, MD 21401
ANNE ARUNDEL COUNTY, MD

OSD SOUTH SOURCE PHASE III TRAIL ALIGNMENT RUNS ALONG THE SOUTH BOUND SIDE OF HIGHWAY FROM HONEYSUCKLE LANE IN CROWNSVILLE, CROSSING GENERALS HIGHWAY AT SECTION WITH OLD GENERALS HIGHWAY AND CONTINUING ALONG THE NORTH BOUND SIDE OF HIGHWAY FOR 1.20 MILES THEN THE TRAIL FOLLOWS THE EXISTING BGE POWER LINE FROM SOUTH SOURCE TO ANNAPOLIS COMMERCE PARK FOR 1.43 MILES, ENDING AT BESTGATE ROAD IN ANNEPOLO. THE TRAIL IS APPROXIMATELY 2.63 MILES LONG IN TOTAL. THE NET TRAIL AREA - OF DISTURBANCE, IS APPROXIMATELY 10.10 ACRES AND CONTAINS 1.00 ACRE OF FOREST. THE RIGHT-OF-WAY CORRIDOR THAT WILL CONTAIN THE TRAIL ALIGNMENT RANGES BETWEEN 3 1/4 FEET.

* These mitigation values represent required mitigation absent any other conditional mitigation such as mitigation to cure a violation of fulfill a conditional approval.

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 $\frac{1}{7}$ [illegible]

APPROVED	DATE	APPROVED	DATE
CHIEF ENGINEER		PROJECT MANAGER	
APPROVAL	DATE	APPROVED	DATE
ASSISTANT CHIEF ENGINEER		CHIEF, RIGHT OF WAY SERVICES	

SCALE: 1"=40'

DRAWN BY: HJM

CHECKED BY: JSN

SHEET 7 of 21

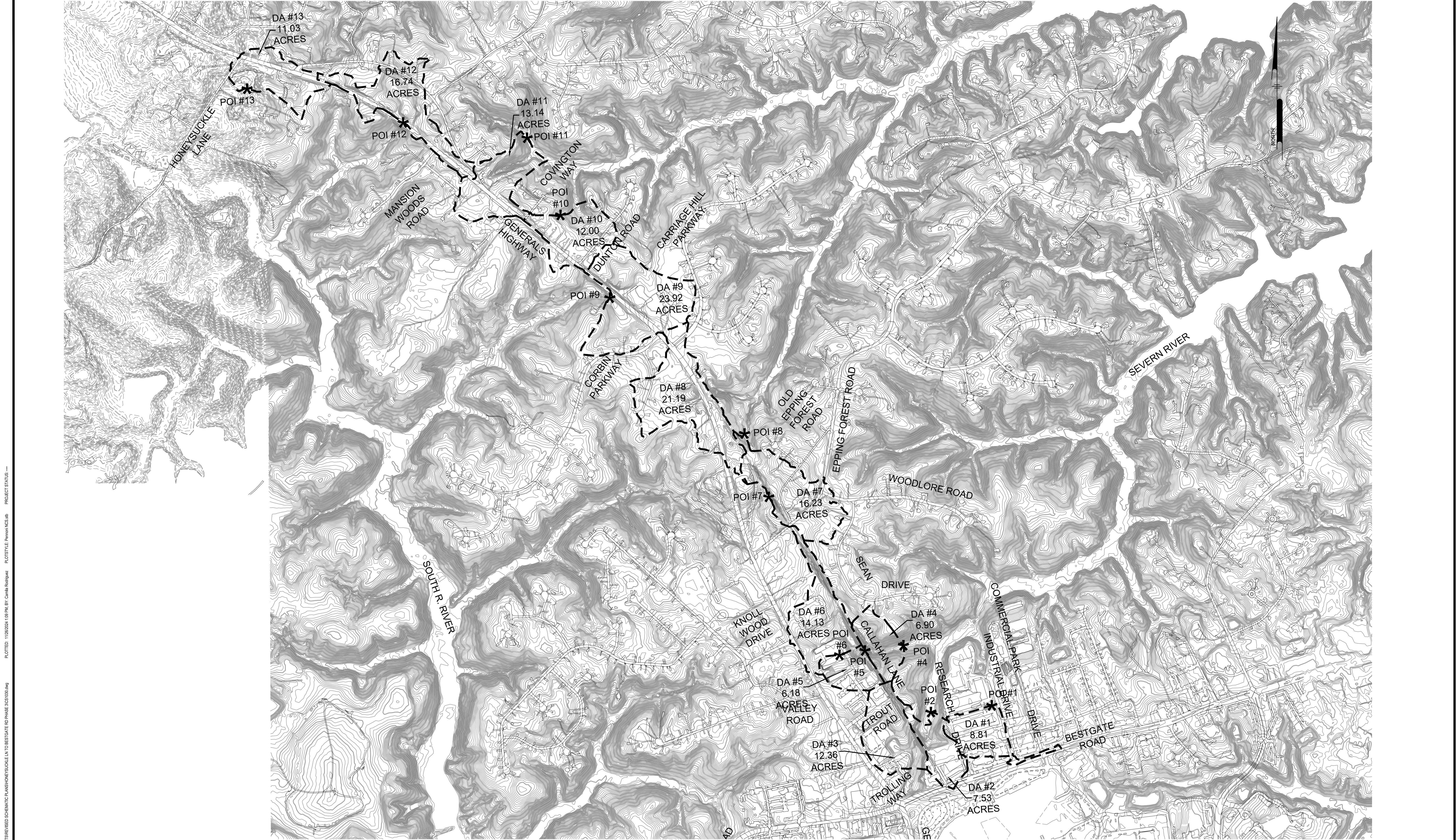
PROJECT #: P372000

CONTRACT #: P372000

TYPICAL STORMWATER MANAGEMENT DETAILS

SOUTH SHORE TRAIL PHASE III

TAX MAPS 44 & 45
HONEYSUCKLE LANE, CROWNSVILLE, MD 21032 TO
BESTGATE ROAD, ANNAPOLIS, MD 21401
ANNE ARUNDEL COUNTY, MD



U:\Arundel\ACOV\ACOV2008 - South Shore Trail\Phase I\DESIGN_SHEET\DESIGNED SCHEMATIC PLANS\ONE\SCALE IN TO BESTGATE RD PHASE I\021008.dwg
GPW No: 11020201 10:04 PM BY: Camille Rodriguez PLOTSTYLE: Pennon MCD.ctb PROJECT STATUS: —
PLOTTED: 1/26/2021 10:04 PM BY: Camille Rodriguez

GP #: # DWG NO: ###

PROFESSIONAL CERTIFICATION: I, _____, CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY OR APPROVED BY ME AND THAT I AM A DULY LICENSED _____ UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE # _____ EXPIRATION DATE _____

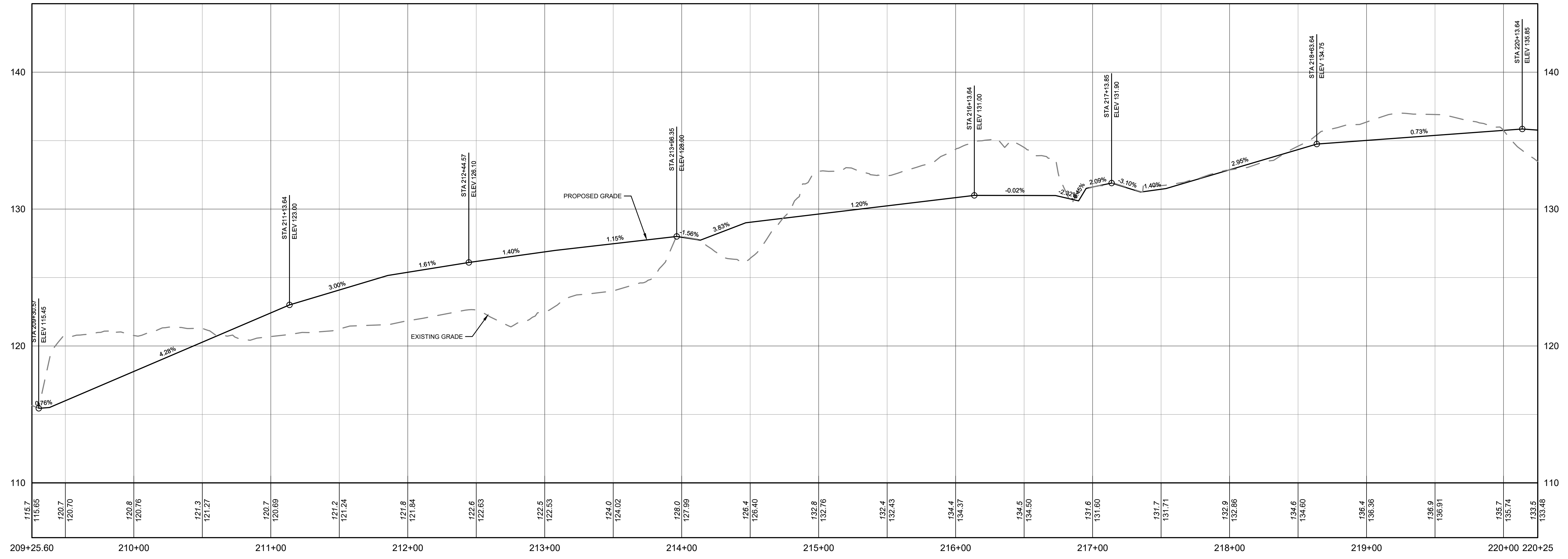
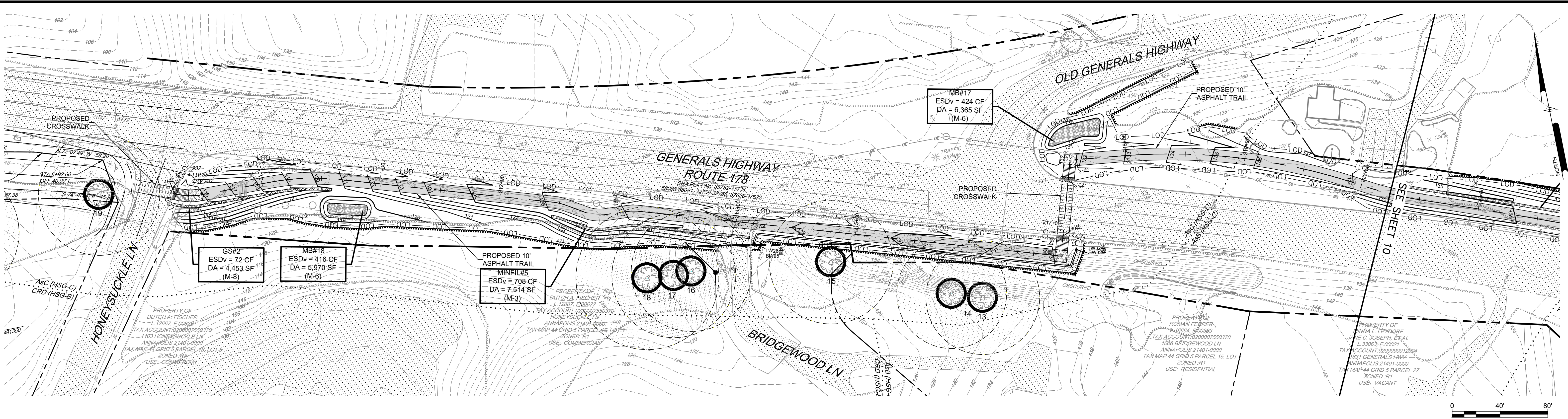
#	REVISIONS DESCRIPTION	APPROVED BY	DATE



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8890 McGaw Road, Suite 100
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T 410.997.8900 F 410.997.9282

ANNE ARUNDEL COUNTY			
DEPARTMENT OF PUBLIC WORKS			
2024-11-26			
APPROVED _____ DATE _____	APPROVED _____ DATE _____	SCALE: 1"=40'500	DRAINAGE AREA MAP SOUTH SHORE TRAIL PHASE III TAX MAPS 44 & 45 HONEYSUCKLE LANE, CROWNSVILLE, MD 21032 TO BESTGATE ROAD, ANNAPOLIS, MD 21401 ANNE ARUNDEL COUNTY, MD
CHIEF ENGINEER _____	PROJECT MANAGER _____	CHECKED BY: PJS	
APPROVAL _____ DATE _____	APPROVED _____ DATE _____	SHEET 8 of 21	
ASSISTANT CHIEF ENGINEER _____	CHIEF, RIGHT OF WAY SERVICES _____	PROJECT #: P372000	
		CONTRACT #: P372007	

U:\Mountainside\ACAD\2008\08_South Shore Trail\Phase III\SSD\SSD_SHEET\PREPARED SCHEMATIC PLAN\HONEYSUCKLE LN TO BESTGATE RD PHASE III\SSD\SSD.dwg
PLOT DATE: 1/26/2024 11:04 AM BY: Carlini, R. J. PLOT STYLE: P3.ctb
PROJECT STATUS: —



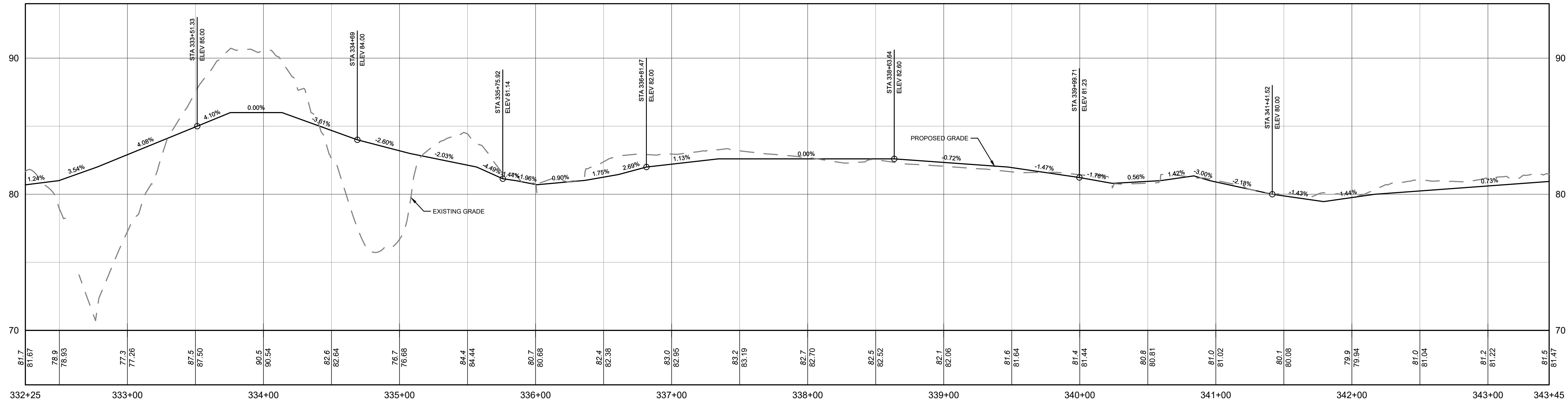
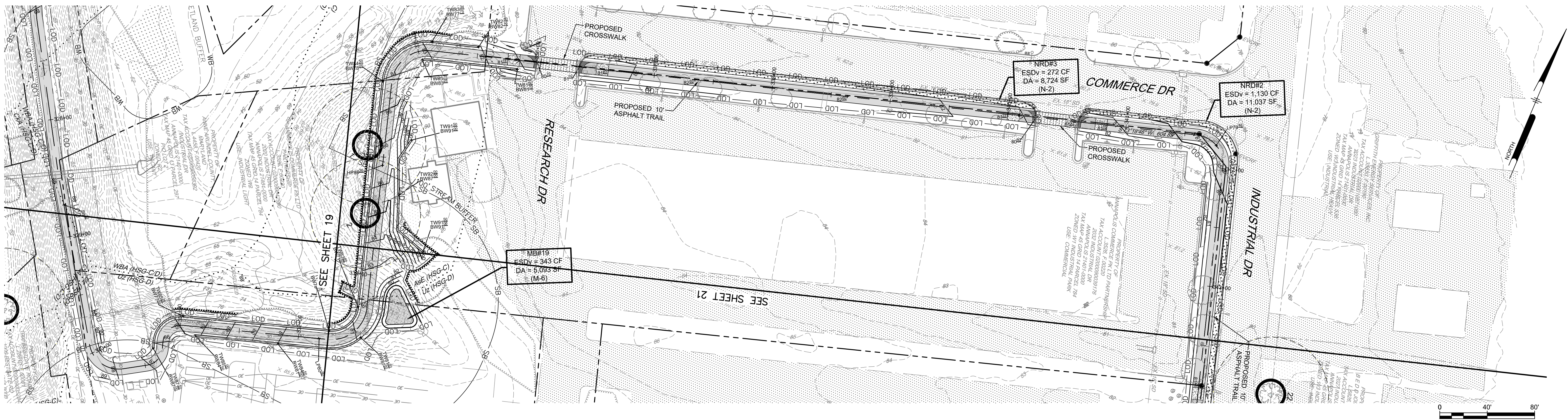
10' TRAIL (HONEYSUCKLE LN TO BESTGATE RD)
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

PROFESSIONAL CERTIFICATION: I, _____, CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY OR APPROVED BY ME AND THAT I AM A DULY LICENSED _____ UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE # _____ EXPIRATION DATE _____			 PENNONI ASSOCIATES INC. 8890 McGaw Road, Suite 100 Columbia, MD 21045 T 410.997.8900 F 410.997.9282	
#	REVISIONS DESCRIPTION	APPROVED BY DATE		

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS 2024-11-26			
GP#: #		DWG NO: ####	
APPROVED _____ DATE _____	APPROVED _____ DATE _____	SCALE: 1"=40'	SITE, GRADING, AND TRAIL PROFILE SOUTH SHORE TRAIL PHASE III TAX MAPS 44 & 45 HONEYSUCKLE LANE, CROWNSVILLE, MD 21032 TO BESTGATE ROAD, ANNAPOLIS, MD 21401 ANNE ARUNDEL COUNTY, MD
CHIEF ENGINEER _____	PROJECT MANAGER _____	DRAWN BY: HJMT	
APPROVAL _____ DATE _____	APPROVED _____ DATE _____	CHECKED BY: JSN	
ASSISTANT CHIEF ENGINEER _____	CHIEF, RIGHT OF WAY SERVICES _____	SHEET 9 of 21 PROJECT #: P372000 CONTRACT #: P372000	

U:\Mountainside\ACAD\2008\Drawings\TrailPhase\DESIGN_SHEETS\DESIGNED SCHEMATIC PLAN\HONEYSUCKLE LN TO BESTGATE RD PHASE 3\372200.dwg
PLOTTER: 1/26/2024 12:21 PM BY: Camille Rodriguez
PROJECT STATUS: —
PLOT STYLE: Pennoni NCS.ctb

GPW No:



10' TRAIL (HONEYSUCKLE LN TO BESTGATE RD)
HORIZONTAL SCALE: 1" = 40'
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ANNE ARUNDEL COUNTY				
DEPARTMENT OF PUBLIC WORKS				2024-11-26
APPROVED	DATE	APPROVED	DATE	SCALE: 1"=40'
CHIEF ENGINEER		PROJECT MANAGER		DRAWN BY: JSN
APPROVAL	DATE	APPROVED	DATE	CHECKED BY: HJMT
				SHEET 20 of 21
ASSISTANT CHIEF ENGINEER		CHIEF, RIGHT OF WAY SERVICES		PROJECT #: P372000
				CONTRACT #: P372000
SITE, GRADING, AND TRAIL PROFILE				
SOUTH SHORE TRAIL PHASE III				
TAX MAPS 44 & 45 HONEYSUCKLE LANE, CROWNSVILLE, MD 21032 TO BESTGATE ROAD, ANNAPOLIS, MD 21401 ANNE ARUNDEL COUNTY, MD				

