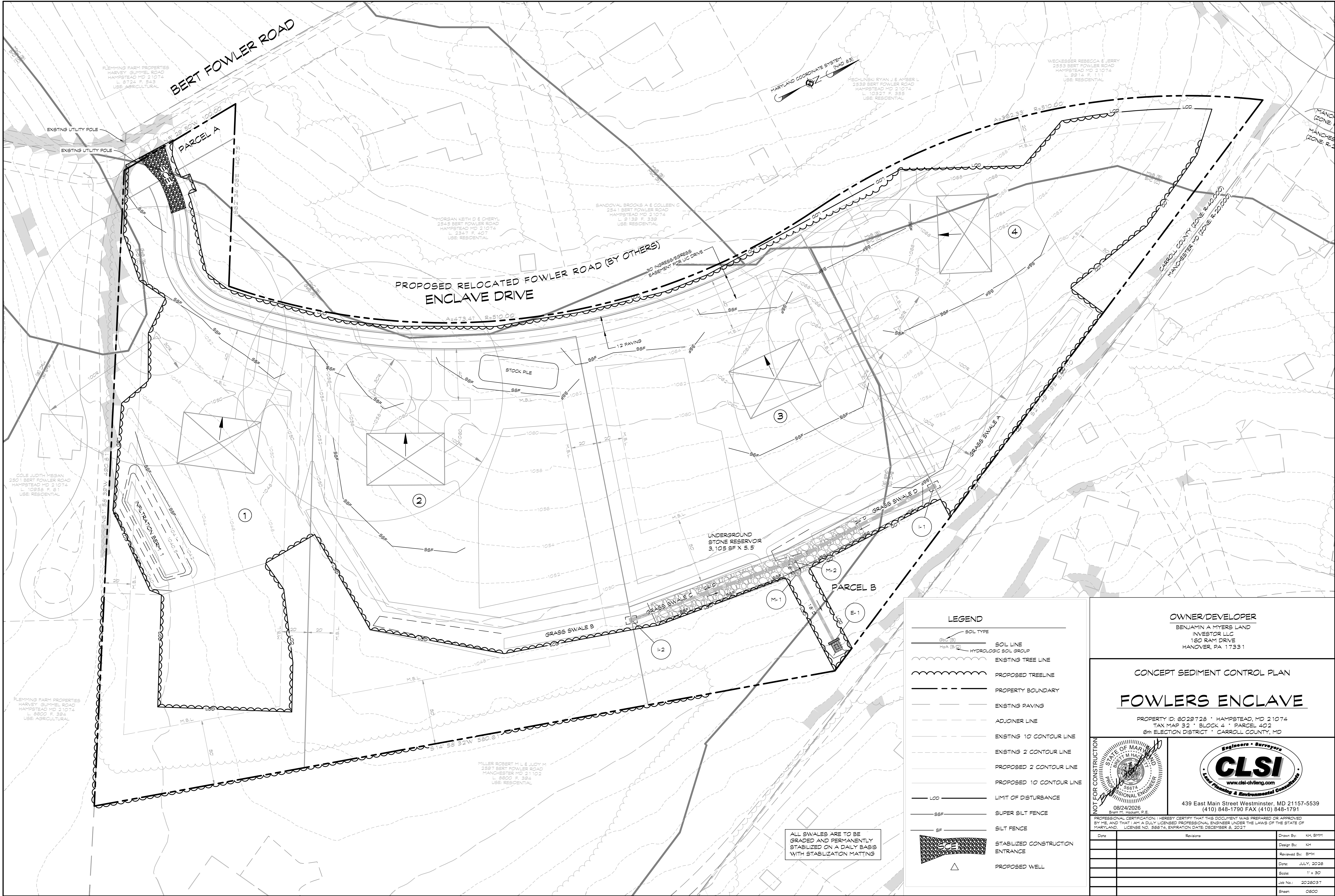




SEDIMENT & EROSION CONTROL NOTES STABILIZATION SPECIFICATIONS

- ALL EROSION/SEDIMENT CONTROL MEASURES SHALL COMPLY WITH THE MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER MANAGEMENT ADMINISTRATION IN ASSOCIATION WITH THE NATURAL RESOURCES CONSERVATION SERVICE AND MARYLAND ASSOCIATION OF SOIL CONSERVATION DISTRICTS (REFERENCED AS THE 2011 STANDARDS AND SPECS).
- AREAS THAT HAVE BEEN CLEARED AND/OR GRADED, BUT WILL NOT BE CONSTRUCTED ON OR PERMANENTLY VEGETATED FOR MORE THEN 5 DAYS (3 DAYS FOR SEDIMENT CONTROL MEASURES (STEEP SLOPES) MUST BE STABILIZED WITH MULCH OR TEMPORARY STABILIZATION. ANY AREAS THAT ARE IN TEMPORARY VEGETATION FOR OVER 6 MONTHS WILL NEED TO BE PERMANENTLY VEGETATED. FOR SPECIFICATIONS ON PERMANENT OR TEMPORARY STABILIZATION SEE MULCHING CAN ONLY BE USED ON DISTURBED AREAS AS A TEMPORARY COVER WHERE VEGETATION IS NOT FEASIBLE OR WHERE SEEDING GERMINATION CANNOT BE COMPLETED BECAUSE OF WEATHER CONDITIONS. FOR SPECIFICATIONS SEE FOR SPECIFICATIONS ON THE STABILIZATION OF CUT AND FILL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL, SEE INCREMENTAL STABILIZATION THE EXISTING TOPSOIL FROM ON OR OFF SITE THAT IS USED MUST MEET THE MINIMUM SPECIFICATIONS IN THE REQUIRED SEQUENCE OF CONSTRUCTION MUST BE FOLLOWED DURING SITE DEVELOPMENT. ANY CHANGE IN THE SEQUENCE OF CONSTRUCTION MUST BE APPROVED BY THE SOIL CONSERVATION DISTRICT.
- ANY REVISIONS TO THE SEDIMENT CONTROL PLAN, NOT COVERED UNDER THE LIST OF PLAN MODIFICATIONS THAT CAN BE APPROVED BY THE SEDIMENT CONTROL INSPECTOR, NEED TO BE SUBMITTED TO THE SOIL CONSERVATION DISTRICT FOR APPROVAL.
- NO PROPOSED SLOPE THAT IS SEEDDED AND/OR MULCHED SHALL BE GREATER THAN 2:1. SLOPES GREATER THAN 2:1 SHALL REQUIRE AN ENGINEERED DESIGN FOR STABILIZATION.
- ALL SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED ONCE A WEEK AND AFTER EACH RAINFALL AND WILL BE REPAIRED, AS NEEDED, SO THAT THE STRUCTURE MEETS THE MINIMUM SPECIFICATIONS AS SHOWN IN THE 2011 STANDARDS AND SPECS.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL SEDIMENT AND EROSION CONTROL MEASURES UNTIL THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. THE DISTRICT APPROVAL FOR THIS SEDIMENT CONTROL PLAN IS GOOD FOR 2 YEARS. AT THE END OF 2 YEARS, IF CONSTRUCTION OF THE PLAN HAS NOT STARTED, THE PLAN WILL NEED TO BE RESUBMITTED TO THE SOIL CONSERVATION DISTRICT FOR REVIEW AND REAPPROVAL. ANY PLANS THAT ARE CURRENTLY UNDER CONSTRUCTION AFTER 2 YEARS MAY BE REQUIRED TO BE RESUBMITTED TO THE SOIL CONSERVATION DISTRICT BY THE SEDIMENT CONTROL INSPECTOR.

TEMPORARY SEEDING NOTES

SCOPE: PLANTING SHORT TERM (NO MORE THAN 6 MONTHS) VEGETATION TO TEMPORARILY STABILIZE ANY AREAS WHERE SOIL DISTURBANCE HAS OCCURRED, UNTIL THE AREA CAN BE PERMANENTLY STABILIZED WITH VEGETATIVE OR NON-VEGETATIVE PRACTICES.

STANDARDS: THE FOLLOWING NOTES SHALL CONFORM TO SECTION B-4 OF THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL PUBLISHED JOINTLY BY THE MARYLAND DEPARTMENT OF ENVIRONMENT - WATER MANAGEMENT ADMINISTRATION, THE NATIONAL RESOURCE CONSERVATION SERVICE AND THE MARYLAND ASSOCIATION OF SOIL CONSERVATION DISTRICTS.

- THE SEED BED SHALL BE PREPARED BY LOOSENING THE SOIL TO A DEPTH OF 3 TO 5 INCHES AND INCORPORATING THE LIME AND FERTILIZER INTO THIS LOOSENED LAYER OF SOIL. SEE SECTION B-4-2.
- FOR TEMPORARY STABILIZATION, FERTILIZER SHALL CONSIST OF A MIXTURE OF 10-20-20 AND BE APPLIED AT A RATE OF 4.36 LB. PER ACRE (10 LB. PER 1000 SQ. FT.) AND WILL MEET THE REQUIREMENTS IN SECTION B-4-2. LIME SHALL BE APPLIED AT A RATE OF 2 TONS PER ACRE (80 LB. PER SQ. FT.) AND SHALL MEET THE REQUIREMENTS IN SECTION B-4-2 AND B-4-4.
- SEED TYPE AND APPLICATION SHALL MEET THE REQUIREMENTS IN SECTION B-4-3. SEED TAGS SHALL BE MADE AVAILABLE TO THE INSPECTOR TO VERIFY THE TYPE AND RATE OF SEED USED. MULCH TYPE AND ITS APPLICATION WILL MEET THE REQUIREMENTS IN SECTION B-4-3 A, B AND C AND WILL BE APPLIED ALONG WITH THE SEED OR IMMEDIATELY AFTER SEEDING.
- SEEDING MIXTURES SHALL BE SELECTED FROM OR WILL BE EQUAL TO THOSE ON TABLE B. 1 (PAGE B. 20).

TEMPORARY SEEDING SUMMARY

THE SEEDING CHART BELOW WILL NEED TO BE PLACED ON AND FILLED IN ON THE SEDIMENT CONTROL PLAN.

HARDINESS ZONE (From Figure B. 3): 6B SEED MIXTURE (From Table B. 1)					FERTILIZER RATE (10-20-20)	LIME RATE
No.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS		
1	ANNUAL RYEGRASS (LOLLUM PERENNE SSP. MULTIFLORUM)	40 lb/ac	3/15 - 5/31 8/1 - 9/30	0.5"	4.36 lb/ac (10 lb/1000 SF)	2 tons/ac (80 lb/1000 SF)
2	FONTAIL MILLETT (SETARIA ITALICA)	30 lb/ac	5/15 - 7/31	0.5"		

PERMANENT SEEDING NOTES

SCOPE: PLANTING PERMANENT, LONG LIVED VEGETATIVE COVER ON GRADED AND/OR CLEARED AREAS AND AREAS THAT HAVE BEEN IN TEMPORARY VEGETATIVE FOR MORE THAN 6 MONTHS.

STANDARDS: THE FOLLOWING NOTES SHALL CONFORM TO SECTION B-4 OF THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL PUBLISHED JOINTLY BY THE MARYLAND DEPARTMENT OF ENVIRONMENT - WATER MANAGEMENT ADMINISTRATION, THE NATIONAL RESOURCE CONSERVATION SERVICE AND THE MARYLAND ASSOCIATION OF SOIL CONSERVATION DISTRICTS.

THE SEED BED SHALL BE PREPARED BY LOOSENING THE SOIL TO A DEPTH OF 3 TO 5 INCHES AND INCORPORATING THE LIME AND FERTILIZER INTO THIS LOOSENED LAYER OF SOIL. SEE SECTION B-4-2.

FOR SITES OVER 5 AC, SOIL TESTS WILL BE PERFORMED. SOIL TESTS WILL BE CONDUCTED BY THE UNIVERSITY OF MARYLAND OR A RECOGNIZED COMMERCIAL LABORATORY. MINIMUM SOIL CONDITIONS SHALL MEET THE REQUIREMENTS OF SECTION B-4-2A-2d. OTHERWISE SOIL AMENDMENTS OR TOPSOIL WILL NEED TO BE APPLIED. TOPSOILING MAY OCCUR WHEN SOIL CONDITIONS MEET THE MINIMUM REQUIREMENTS AS STATED IN SECTION B-4-2B. SOIL AMENDMENTS MUST MEET THE REQUIREMENTS AS SET FORTH IN SECTION B-4-2C AND MUST BE APPLIED AS INDICATED BY THE SOIL TESTS.

FOR SITES OF 5 AC, OR LESS OF DISTURBANCE, THE FOLLOWING FERTILIZER AND LIME RATES SHALL APPLY. FERTILIZER SHALL CONSIST OF A MIXTURE OF 10-20-20 AND BE APPLIED AT THE FOLLOWING RATES:
N = 4.5 LB. PER ACRE (1 LB. PER 1000 SQ. FT.) P 205 = 80 LB. PER ACRE (2 LB. PER 1000 SQ. FT.)
K20 = 80 LB. PER ACRE (2 LB. PER 1000 SQ. FT.)
LIME SHALL BE APPLIED AT A RATE OF 2 TONS PER ACRE (80 LB. PER 1000 SQ. FT.)

SEED TYPE, TURFGRASS OR SOO APPLICATION SHALL MEET THE REQUIREMENTS IN SECTION B-4-5. SEED TAGS SHALL BE MADE AVAILABLE TO THE INSPECTOR TO VERIFY THE TYPE AND APPLICATION RATE OF SEED USED. MULCH TYPE AND ITS APPLICATION WILL MEET THE REQUIREMENTS IN SECTION B-4-3 A, B AND C, AND WILL BE APPLIED ALONG WITH SEED OR IMMEDIATELY AFTER SEEDING.

SEEDING MIXTURES SHALL BE SELECTED FROM OR WILL BE EQUAL TO THOSE ON TABLE B-3. THE SEEDING CHART BELOW WILL NEED TO BE PLACED ON AND FILLED IN ON THE SEDIMENT CONTROL PLAN.

HARDINESS ZONE (From Figure B. 3): 6B SEED MIXTURE (From Table B. 1)				
No.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS
9	IMPROVED TALL FESCUE (LOLLUM ARUNDINACEUM)	60 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 - 1/2 in
	IMPROVED KENTUCKY BLUEGRASS	40 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 - 1/2 in
	IMPROVED PERENNIAL RYEGRASS	20 lb/ac	3/1 - 5/15 8/1 - 10/15	1/4 - 1/2 in
1	SWITCH GRASS (PANICUM VIRGATUM)	10 lb/ac	3/1 - 5/15 5/16 - 6/15	1/4 - 1/2 in
	CREeping RED FESCUE (FESTUCA RUBRA)	15 lb/ac	3/1 - 5/15 5/16 - 6/15	1/4 - 1/2 in
	PARTRIDGE PEA (HAMAMESTRIS PASCUATA)	4 lb/ac	3/1 - 5/15 5/16 - 6/15	1/4 - 1/2 in

FERTILIZER RATE (10-20-20)				LIME RATE
N	P ₂ O ₅	K ₂ O		
4.5 POUNDS PER ACRE (1.0 lb / 1000 SF)	80 lb/ac (2.0 lb/1000 SF)	80 lb/ac (2.0 lb/1000 SF)	2 tons/ac (80 lb / 1000 SF)	
4.5 POUNDS PER ACRE (1.0 lb / 1000 SF)	80 lb/ac (2.0 lb/1000 SF)	80 lb/ac (2.0 lb/1000 SF)	2 tons/ac (80 lb / 1000 SF)	

9 - USE 1 VARIETY ON THE MD/VA RECOMMENDED LIST (TT-77)
1 - USE 2-4 VARIETIES ON THE MD/VA RECOMMENDED LIST (TT-77)

TRACKING NOTE:

ON AREAS WHERE THE SLOPE IS 3:1 OR STEEPER AND THE HEIGHT IS 6' OR GREATER, CONTRACTOR SHALL TRACK THE SLOPE USING CLEATED DOZER PRIOR TO PLACING ASPHALT BINDER. DOZER SHALL RUN UP-AND-DOWN SO THAT CLEAT MARKS ARE HORIZONTAL. WHERE TRACKING IS REQUIRED, ITS SHALL BE DONE FROM EXISTING GRADE LEVEL TO FINISHED GRADE LEVEL WITHIN THE LIMITS ESTABLISHED BY THE 8' HEIGHT CRITERIA.

UTILITY CONSTRUCTION NOTES:

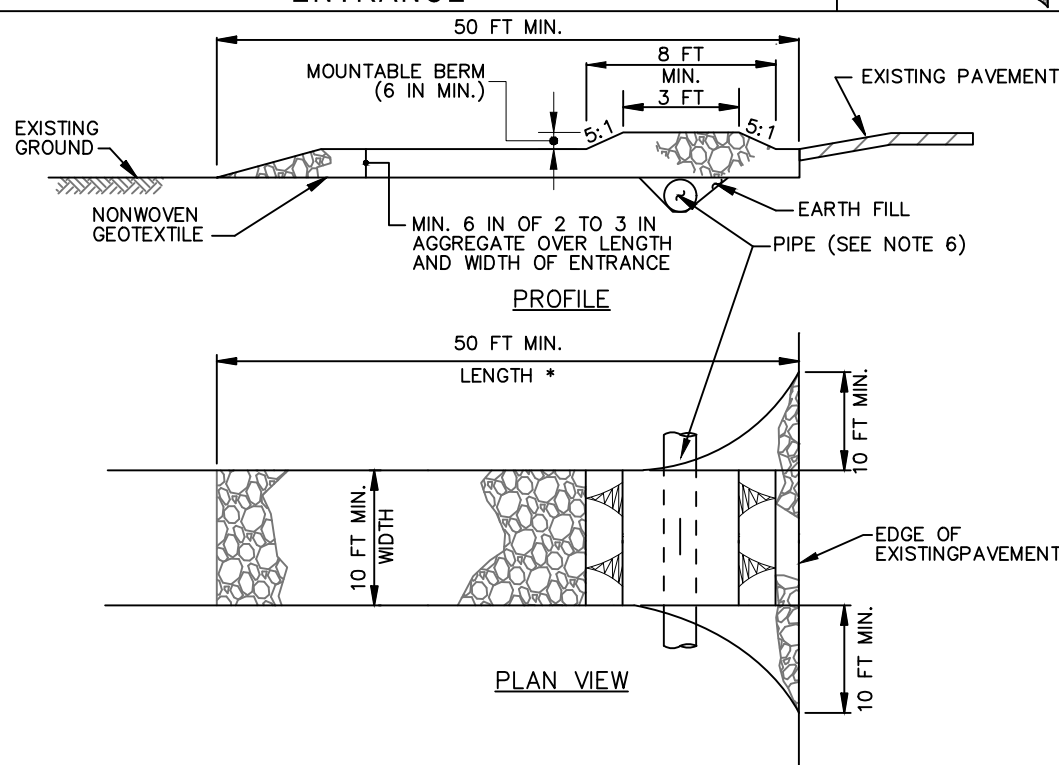
- PLACE ALL EXCAVATED MATERIAL ON THE HIGH SIDE OF THE TRENCH.
- ONLY DO AS MUCH WORK AS CAN BE DONE IN ONE DAY SO BACKFILLING, FINAL GRADING, AND PERMANENT STABILIZATION CAN OCCUR.
- ANY SEDIMENT CONTROL MEASURES DISTURBED BY THE UTILITY CONSTRUCTION WILL BE REPAIRED THE SAME DAY.

STOCKPILE/TOPSOIL NOTES:

- STOCKPILING WILL NOT BE ALLOWED ON ANY INTERVIEWS AREA.
- ALL STOCKPILES LEFT AT THE END OF THE DAY WILL NEED TO BE TEMPORARILY STABILIZED UNTIL THEY ARE AGAIN DISTURBED, UNLESS THEY ARE WITHIN EXISTING PERIMETER SEDIMENT CONTROLS.
- ALL STOCKPILE AREAS SHALL BE CONFINED WITHIN PERIMETER CONTROLS. IN THE EVENT THAT STOCKPILE AREAS MUST BE LOCATED OUTSIDE DISTURBED AREAS, THE LOCATION SHALL BE AS DIRECTED BY THE INSPECTOR IN THE FIELD.

DETAIL B-1 STABILIZED CONSTRUCTION ENTRANCE

STANDARD SYMBOL
SCE



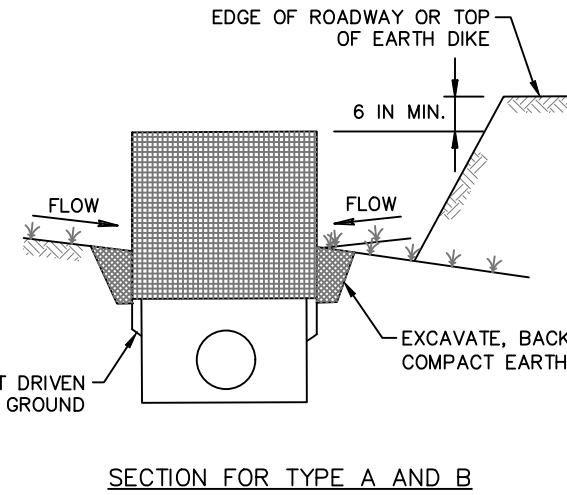
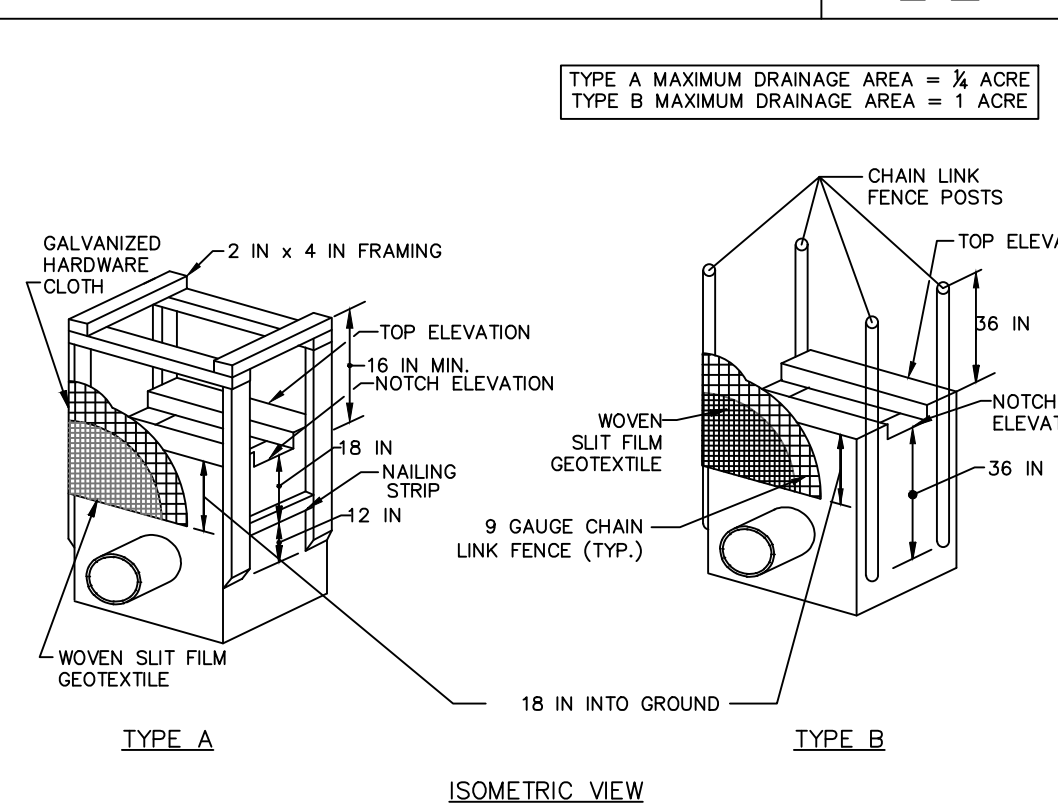
CONSTRUCTION SPECIFICATIONS

- PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (+30 FEET FOR SINGLE RESIDENCE LOT). USE MINIMUM WIDTH OF 10 FEET. FLARE SCE 10 FEET MINIMUM AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- PIPE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SCE UNDER THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PROTECT PIPE INSTALLED THROUGH THE SCE WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BERM IS REQUIRED WHEN SCE IS NOT LOCATED AT A HIGH SPOT.
- PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS.
- PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SCE.
- MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT. ADD STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE, MOUNTABLE BERM, AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLED, DROPPED, OR TRACKED ONTO ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL		
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-9-1 STANDARD INLET PROTECTION

STANDARD SYMBOL
SIP



DETAIL E-9-1 STANDARD INLET PROTECTION

STANDARD SYMBOL
SIP

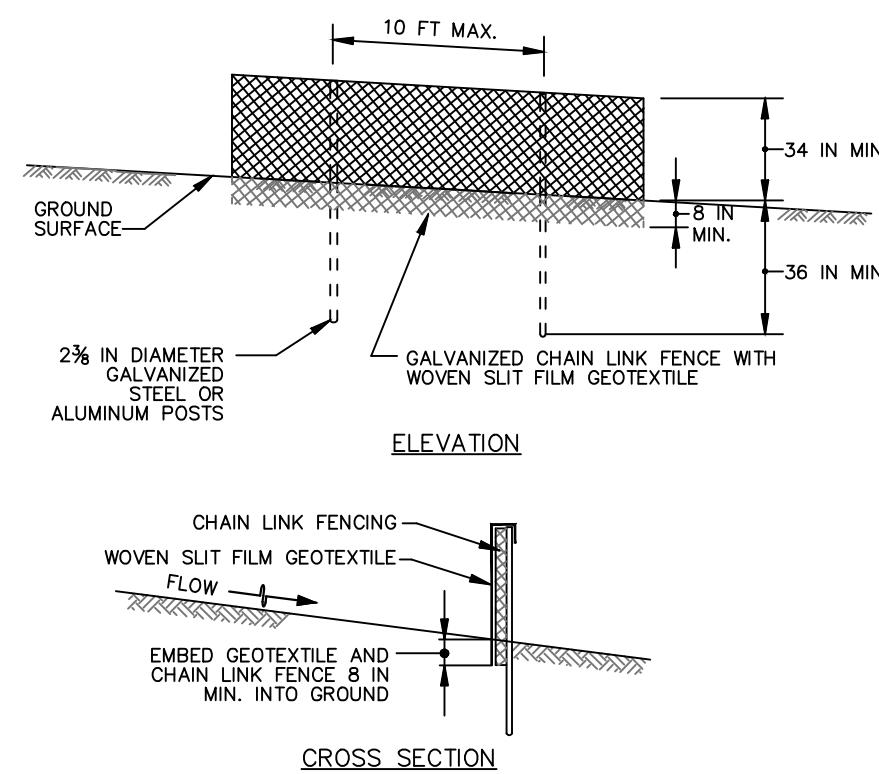
CONSTRUCTION SPECIFICATIONS

- USE WOVEN SUT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS.
- EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18 INCHES BELOW THE NOTCH ELEVATION.
- FOR TYPE A, USE NOMINAL 2 INCH X 4 INCH CONSTRUCTION GRADE LUMBER POSTS, DRIVEN 1 FOOT INTO THE GROUND AT EACH CORNER OF THE INLET. PLACE NAIL STRIPS BETWEEN THE POSTS ON THE ENDS OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2x4 FRAME AS SHOWN. STRETCH 1/2 INCH GALVANIZED HARDWARE CLOTH TIGHTLY AROUND THE FRAME AND FASTEN SECURELY. FASTEN GEOTEXTILE SECURELY TO THE HARDWARE CLOTH WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND HARDWARE CLOTH A MINIMUM OF 18 INCHES BELOW THE WEIR CREST. THE ENDS OF THE GEOTEXTILE MUST MEET AT A POST, BE OVERLAPPED AND FOLDED, THEN FASTENED TO THE POST.
- FOR TYPE A, USE 2 3/8 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND 6 FOOT LENGTH. DRIVEN A MINIMUM OF 36 INCHES BELOW THE WEIR CREST AT EACH CORNER OF THE STRUCTURE. FASTEN 9 GAUGE OR HEAVIER CHAIN LINK FENCE, 42 INCHES IN HEIGHT, SECURELY TO THE FENCE POSTS WITH WIRE TIES. FASTEN GEOTEXTILE SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 18 INCHES BELOW THE WEIR CREST.
- BACKFILL AROUND THE INLET IN LOOSE 4 INCH LIFTS AND COMPACT UNTIL SOIL IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES.
- STORM DRAIN INLET PROTECTION REQUIRES FREQUENT MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AFTER EACH RAIN EVENT TO MAINTAIN FUNCTION AND AVOID PREMATURE CLOSURES. 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 GEOTEXTILE AND STONE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL		
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL E-3 SUPER SILT FENCE

STANDARD SYMBOL
SSF



CONSTRUCTION SPECIFICATIONS

- INSTALL 2 1/2 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED NO FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
- FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (2 1/2 INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUD RINGS.
- FASTEN WOVEN SUT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION. EMBED GEOTEXTILE AND CHAIN LINK FENCE A MINIMUM OF 8 INCHES INTO THE GROUND.
- WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, THE ENDS SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS.
- EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND THE ENDS OF THE SUPER SILT FENCE.
- PROVIDE MANUFACTURER CERTIFICATION TO THE INSPECTION/ENFORCEMENT AUTHORITY SHOWING THAT GEOTEXTILE USED MEETS THE REQUIREMENTS IN SECTION H-1 MATERIALS.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL		
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

CONCEPT SEDIMENT CONTROL NOTES AND DETAILS

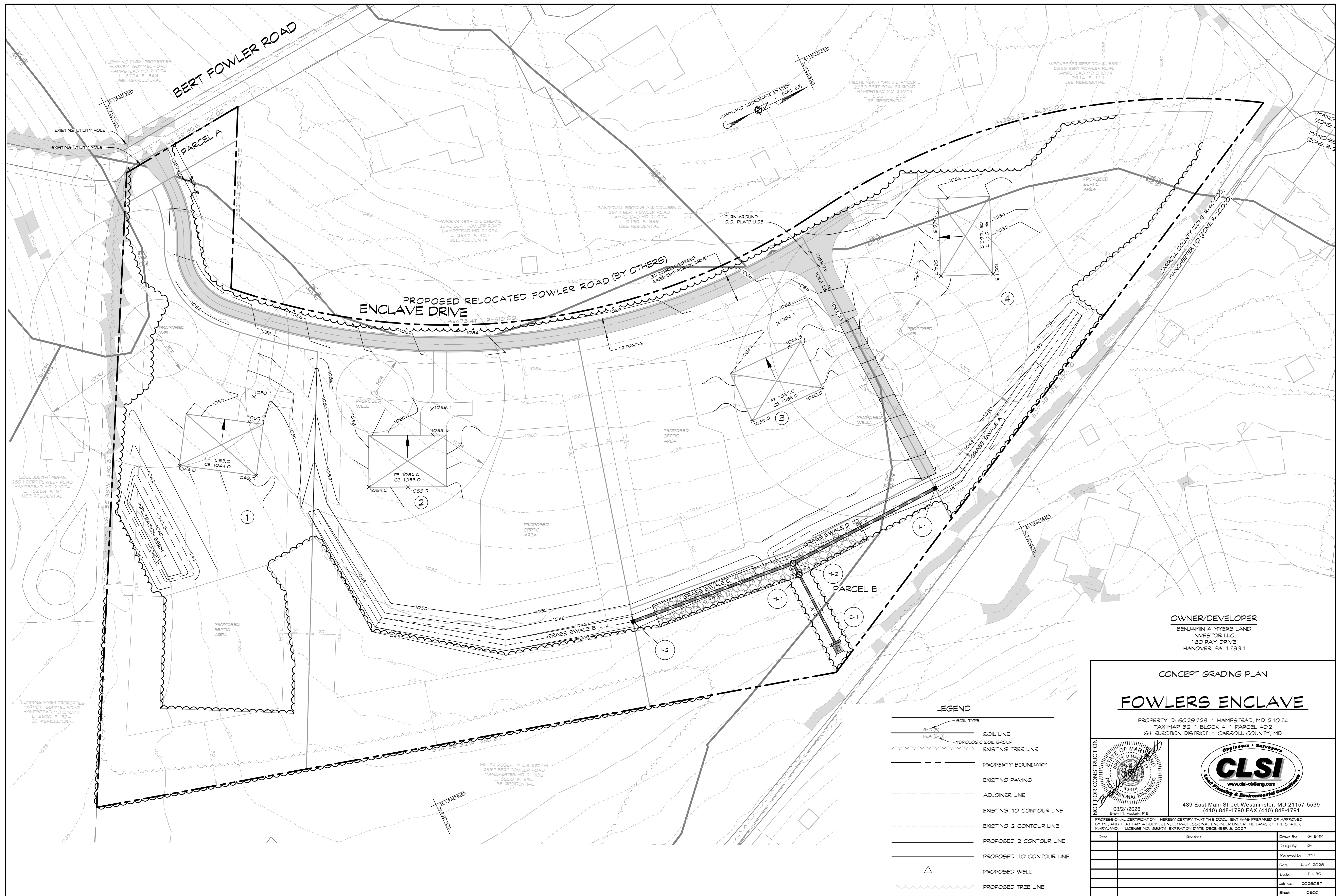
FOWLERS ENCLAVE

PROPERTY ID: 6028728 • HAMPSTEAD, MD 21074
TAX MAP 32 • BLOCK 4 • PARCEL 402
6th ELECTION DISTRICT • CARROLL COUNTY, MD

08/24/2026 Brett K. Hestert, P.E.	439 East Main Street Westminster, MD 21157-5539 (410) 848-1790 FAX (410) 848-1791	
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 56674, EXPIRATION DATE: DECEMBER 3, 2027.		
Date	Revisions	Drawn By: KH
		Design By: KH
		Reviewed By: BMH
		Date: JULY, 2026
		Scale: N.T.S.
		Job No.: 2026037
		Sheet: 0700

OWNER/DEVELOPER

BENJAMIN A MYERS
LAND INVESTOR LLC
160 RAM DRIVE
HANOVER, PA 17331



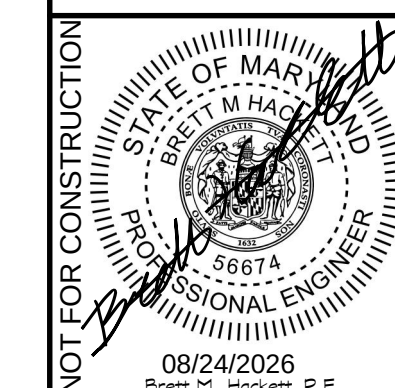
OWNER/DEVELOPER

BENJAMIN A MYERS LAND
INVESTOR LLC
160 RAM DRIVE
HANOVER, PA 17331

CONCEPT GRADING PLAN

FOWLERS ENCLAVE

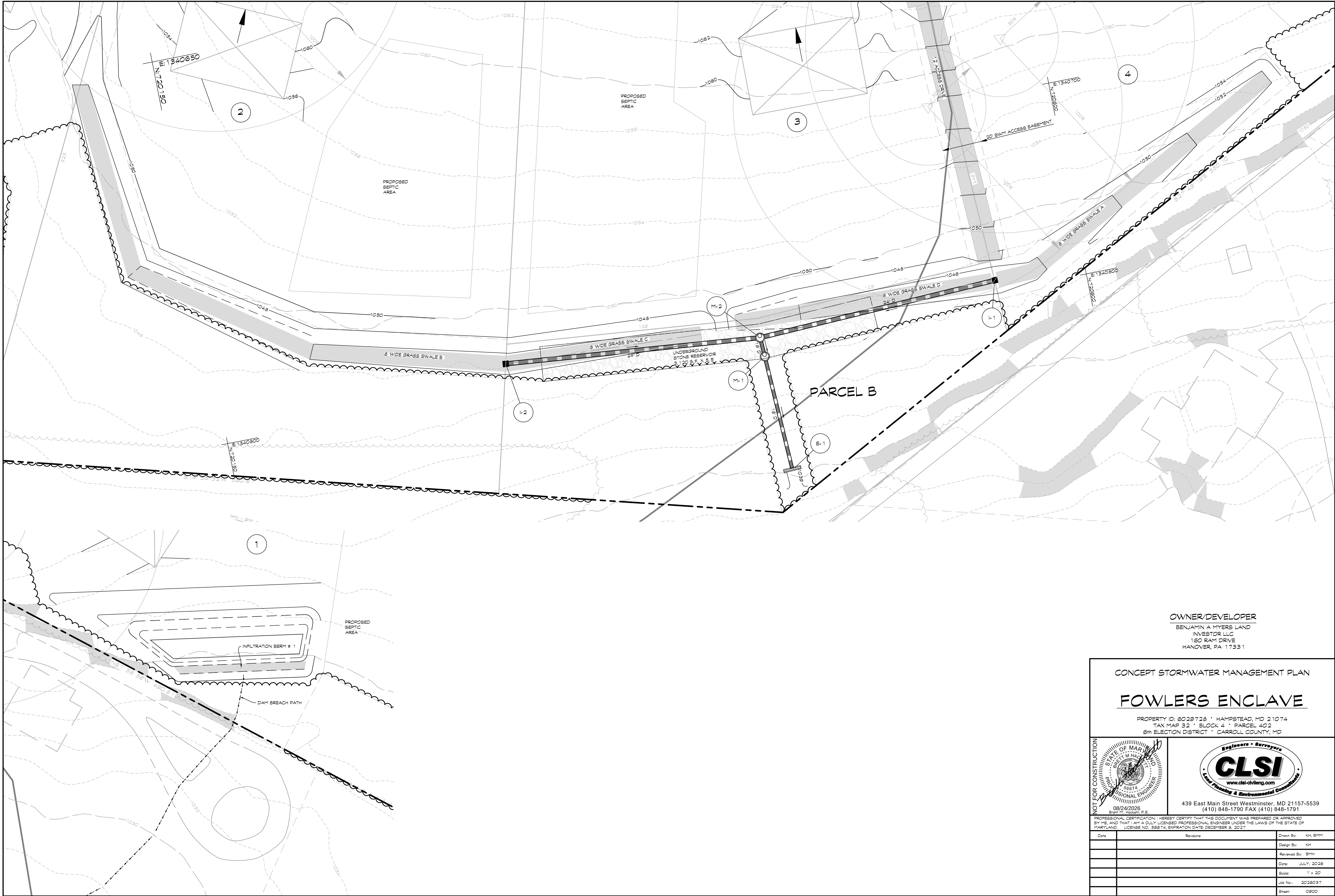
PROPERTY ID: 6029728 * HAMPSTEAD, MD 21074
TAX MAP 32 * BLOCK 4 * PARCEL 402
6th ELECTION DISTRICT * CARROLL COUNTY, MD



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 56674 EXPIRATION DATE: DECEMBER 8, 2027.

Date	Revisions	Drawn By: KH, BHM
		Design By: KH
		Reviewed By: BHM
		Date: JULY, 2028
		Scale: 1" = 30'
		Job No.: 2028037
		Sheet: 0/000



OWNER/DEVELOPER
BENJAMIN A MYERS LAND
INVESTOR LLC
160 RAM DRIVE
HANOVER, PA 17331

CONCEPT STORMWATER MANAGEMENT PLAN

FOWLERS ENCLAVE

PROPERTY ID: 6029728 • HAMPSTEAD, MD 21074
TAX MAP 32 • BLOCK 4 • PARCEL 402
6th ELECTION DISTRICT • CARROLL COUNTY, MD



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 56674, EXPIRATION DATE: DECEMBER 31, 2027

Date	Revisions	Drawn By: KH, BMM
		Design By: KH
		Reviewed By: BMM
		Date: JULY, 2026
		Scale: 1" = 20'
		Job No.: 2026037
		Sheet: 0300

**CARROLL COUNTY-PUBLIC FACILITY
CONSTRUCTED BY THE DEVELOPER
STORMWATER MANAGEMENT MAINTENANCE AGREEMENT
SCHEDULE**

- The Stormwater Management Facility/Facilities shown on these plans shall be constructed by the developer.
- The developer shall be responsible for continuing maintenance of the facility/facilities which shall include such items as mowing, cleaning, removing sediment, trees, shrubs, and debris and repairing any structural damage until it is accepted by Carroll County. Requirements and schedules for specific types of facilities and practices as listed on the plans are hereby included.
- The developer shall be responsible for any structural damage or failure which may occur as a result of negligence, accident or misuse. In the event of structural damage, the developer is responsible to make repairs as quickly as possible (30 day maximum). If after 30 days, Carroll County Government performs the necessary work to place the facility in proper working condition, the developer of the facility shall be assessed the cost of the work and any penalties. These monies shall first be collected from a bond, which the developer is required to post with the County to cover such expenses. Should the bond be insufficient, the remaining monies may be collected by placing a lien on the property or by including the costs and penalties on the property tax bill and collecting them as ordinary taxes. The bond and/or lien and/or tax bill will be used until such time as the County takes the facility into its system.
- Maintenance of the facility shall be until accepted for maintenance by the County which will be no sooner than two years after completion of the facility at which time the Carroll County Bureau of Resource Management shall certify that the facility is in proper working condition. "After completion of the facility" is construed to mean that all contributory drainage areas are paved or supporting a 2" stand of dense grass and that all buildings are constructed and that the Carroll County Bureau of Resource Management has inspected construction and a registered professional engineer has certified that the "As-Built" plans meet the plans and specifications for construction.
- The developer shall provide in a deed, an in-fee parcel for the site of the facilities and an in-fee access from the facility to a public right-of-way.

First Effective January 21, 2004
Revised after Carroll County Surveyor's Meeting May 19, 2010
Effective Date: July 29, 2010
Revised to include specifics for ESD
Distributed for comments at the Carroll County Surveyor's Meeting October 15, 2018
Effective Date: November 15, 2018

**STORMWATER MAINTENANCE SCHEDULE
UNDERGROUND INFILTRATION TRENCH AND
COMMERCIAL DRY WELL**

**USE IN CONJUNCTION WITH UNDERGROUND
SWM FACILITY MAINTENANCE SCHEDULE**

MODIFIED TO CORRESPOND TO CARROLL COUNTY DETAILS

MONTHLY INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Debris and Trash	Check for trash and debris in facility including inlets, forebay, outlets, conveyance systems, and area around facility.	Remove all trash and debris and dispose in an acceptable manner. Unclog all openings.
SEASONAL INSPECTION AND AFTER A MAJOR STORM		
Inspection Item	Inspection Requirements	Remedial Action
Dewatering	Check observation wells for water level, minimal water should be present 72 hours after a rain event. Noticeable odors, stained water at the outlet, or the presence of algae or aquatic vegetation are indicators of anaerobic conditions and inadequate dewatering of the facility.	Confirm adequate dewatering with follow up inspections. If the facility does not function as intended after the above action, the entire system may need refurbishing.
Sediment Accumulation	Check for accumulated sediment in conveyance systems and forebay (sedimentation tank/manhole/inlet). Check for clogged openings.	When the forebay depth is less than half the approved design, remove sediment. Remove sediment from clogged openings. Dispose of all sediment in an acceptable location.
Blockages	Check control structure (manhole) and piping for blockages. Check that control structure weir walls, low flow, and/or other openings for blockages. Check control structure for spalling and structural integrity. Check observation wells for water level.	Clear out any blockages.
ANNUAL INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Maintenance Access	Check for accessibility to facility.	Make any necessary repairs to access the facility.
Flow Conveyance System	Check overflow inlet, piping, and bypass for misalignments, breakage, and blockage.	Repair any broken or faulty piping. Clear out any blockages.
Structural Components	Check for evidence of structural deterioration, spalling, or cracking. Inlet and outlet structures as well as riprap outfalls must be in good condition	Repair to good condition according to specifications on the approved plans.
Overall Function of Facility	Check that practice is functioning as designed.	Repair to good condition according to specifications on the approved plans.

**STORMWATER MAINTENANCE SCHEDULE
INFILTRATION BERM**

MONTHLY INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Debris and Trash	Check for trash and/or debris.	Remove all trash and debris and dispose in an acceptable manner.
Plant Composition and Health	Compare plant composition with approved plans. Check for invasive species or weeds. Check for dead or dying vegetation.	Remove invasive species and weeds. Replace dead plants in accordance with approved landscaping plan.
Vegetative Cover	Check for channelizing, erosion, and bare spots.	Re-seed or re-plant in accordance with approved landscaping plans. Mow berms if vegetated with grass, but do not mow landscaped areas.
SEASONAL INSPECTION AND AFTER A MAJOR STORM		
Inspection Item	Inspection Requirements	Remedial Action
Dewatering	Check for ponded water. Ponded water should not create nuisance conditions. Runoff should drain through berm within 48 hours of rainfall.	Remove and replace top few inches of soil along upgrade face of berm. Confirm adequate dewatering with follow up inspections. If the facility does not drain as intended, the entire berm may need refurbishing.
Erosion	Check that sheet flow is being maintained into and out of practice. Check for erosion, rills, gullies, and channelization.	Re-grade if concentrated flow is causing rills or gullying through the facility. Grade, vegetate, and/or armor to provide stable conveyance in accordance with approved plans.
Sediment Accumulation	Check for accumulated sediment.	When sediment accumulates to 2 inches in depth, remove sediment and dispose of in an acceptable location.
ANNUAL INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Maintenance Access	Check for accessibility to facility.	Prevent excessive vegetative growth, erosion, and obstructions on access way.
Overall Function of Facility	Check that flow conveyance and bypasses are functioning as designed.	Repair to good condition according to specifications on the approved plans.

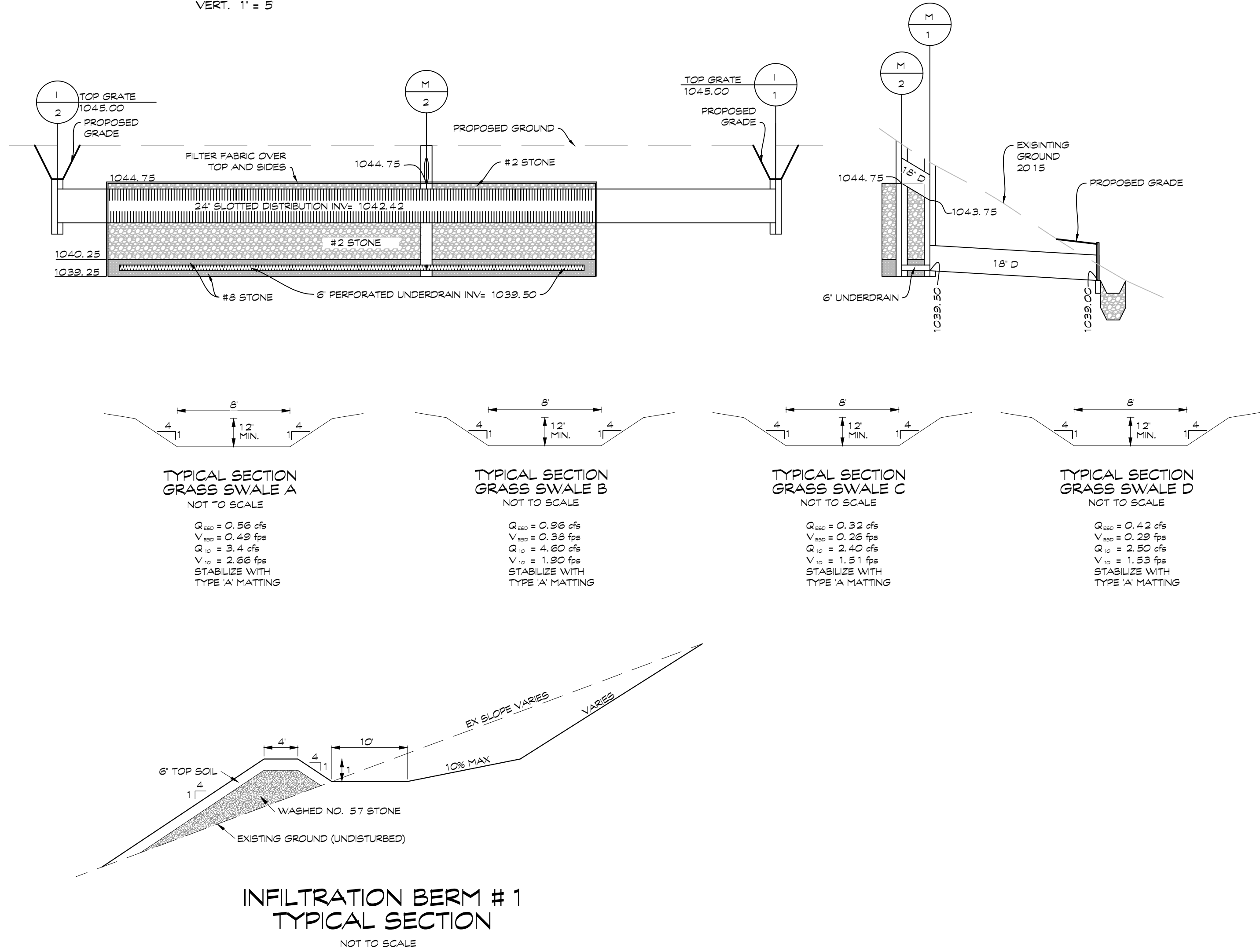
**STORMWATER MAINTENANCE SCHEDULE
GRASS SWALE**

MONTHLY INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Debris and Trash	Check for trash and debris in channel including inlets, outlets, and area around facility.	Remove all trash and debris and dispose in an acceptable manner. Unclog all openings.
Grass Cover	Grass in swale must be maintained at a height of 4 to 6 inches. Check for channelizing and bare spots.	Mow side slopes when grass exceeds 12 inches in height. Mow channel at least bi-annually. Remove grass clippings. Re-plant with topsoil, seed, and matting.
SEASONAL INSPECTION AND AFTER A MAJOR STORM		
Inspection Item	Inspection Requirements	Remedial Action
Sediment Accumulation	Check for accumulated sediment and clogged openings.	When sediment accumulates to 2 inches in depth, remove sediment. Remove sediment from any clogged openings. Dispose of all sediment in an acceptable location.
Erosion	Check inflow, channel, outfall, and side slopes for evidence of erosion, rills, gullies, and runoff channelization.	Re-plant with topsoil, seed, and matting. Re-grade if concentrated runoff to the facility is causing rills or gullying. Grade, vegetate, and/or armor to provide stable conveyance in accordance with approved plans.
ANNUAL INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Maintenance Access	Check for accessibility to facility.	Prevent excessive vegetative growth, erosion, and obstructions on access way.
Overall Function of Facility	Check that flow conveyance is operating as designed	Repair to good condition according to specifications on the approved plans.

STONE RESERVOIR SCHEMATIC

PROFILES

SCALE: HORIZ. 1" = 30'
VERT. 1" = 5'



GRASS SWALE INSPECTION CHART												
	GRASS SWALE A			GRASS SWALE B			GRASS SWALE C			GRASS SWALE D		
	INITIALS	DATE	INSPECTING AGENT	INITIALS	DATE	INSPECTING AGENT	INITIALS	DATE	INSPECTING AGENT	INITIALS	DATE	INSPECTING AGENT
1. EXCAVATE CHANNEL TO SUBGRADE AND CROSS SECTION SHOWN ON THIS SHEET.												
2. STABILIZE SWALE WITH TYPE 'A' MATTING.												
3. ONCE A 2" STAND OF GRASS IS ESTABLISHED PREPARE AND SUBMIT SIGNED AND CERTIFIED 'AS-BUILT' TO C.C. BUREAU OF RESOURCE MANAGEMENT.												

INFILTRATION BERM INSPECTION CHART			
	INFILTRATION BERM # 1		
	INITIALS	DATE	INSPECTING AGENT
1. EXCAVATE AND STABILIZE STORAGE AREA UPSTREAM OF BERM.			
2. PLACE WASHED #57 STONE ALONG CONTOUR.			
3. PLACE 6" TOPSOIL OVER WASHED #57 STONE.			
4. SEED AND MULCH THE BERM.			
5. ONCE A 2" STAND OF GRASS IS ESTABLISHED PREPARE AND SUBMIT SIGNED AND CERTIFIED 'AS-BUILT' TO C.C. BUREAU OF RESOURCE MANAGEMENT.			

UNDERGROUND STONE RESERVOIR INSPECTION CHART			
	UNDERGROUND STONE RESERVOIR		
	INITIALS	DATE	INSPECTING AGENT
1. EXCAVATE FACILITY AS SHOWN ON THIS SHEET.			
2. INSTALL FILTER FABRIC ON SIDES OF FACILITY.			
3. PLACE #57 STONE BEDDING AND INSTALL 6" PERFORATED UNDERDRAIN.			
4. PLACE REMAINING #57 STONE OVER UNDERDRAIN TO A DEPTH OF 1'.			
5. PLACE #2 STONE TO THE BOTTOM OF SLOTTED 24" DISTRIBUTION PIPE AND INSTALL PIPE.			
6. PLACE REMAINING STONE AND COVER TOP WITH FILTER FABRIC.			
7. ONCE A 2" STAND OF GRASS IS ESTABLISHED PREPARE AND SUBMIT SIGNED AND CERTIFIED 'AS-BUILT' TO C.C. BUREAU OF RESOURCE MANAGEMENT.			

OWNER/DEVELOPER

BENJAMIN A MYERS LAND
INVESTOR LLC
160 RAM DRIVE
HANOVER, PA 17331

**CONCEPT STORMWATER MANAGEMENT
NOTES AND DETAILS**

FOWLERS ENCLAVE

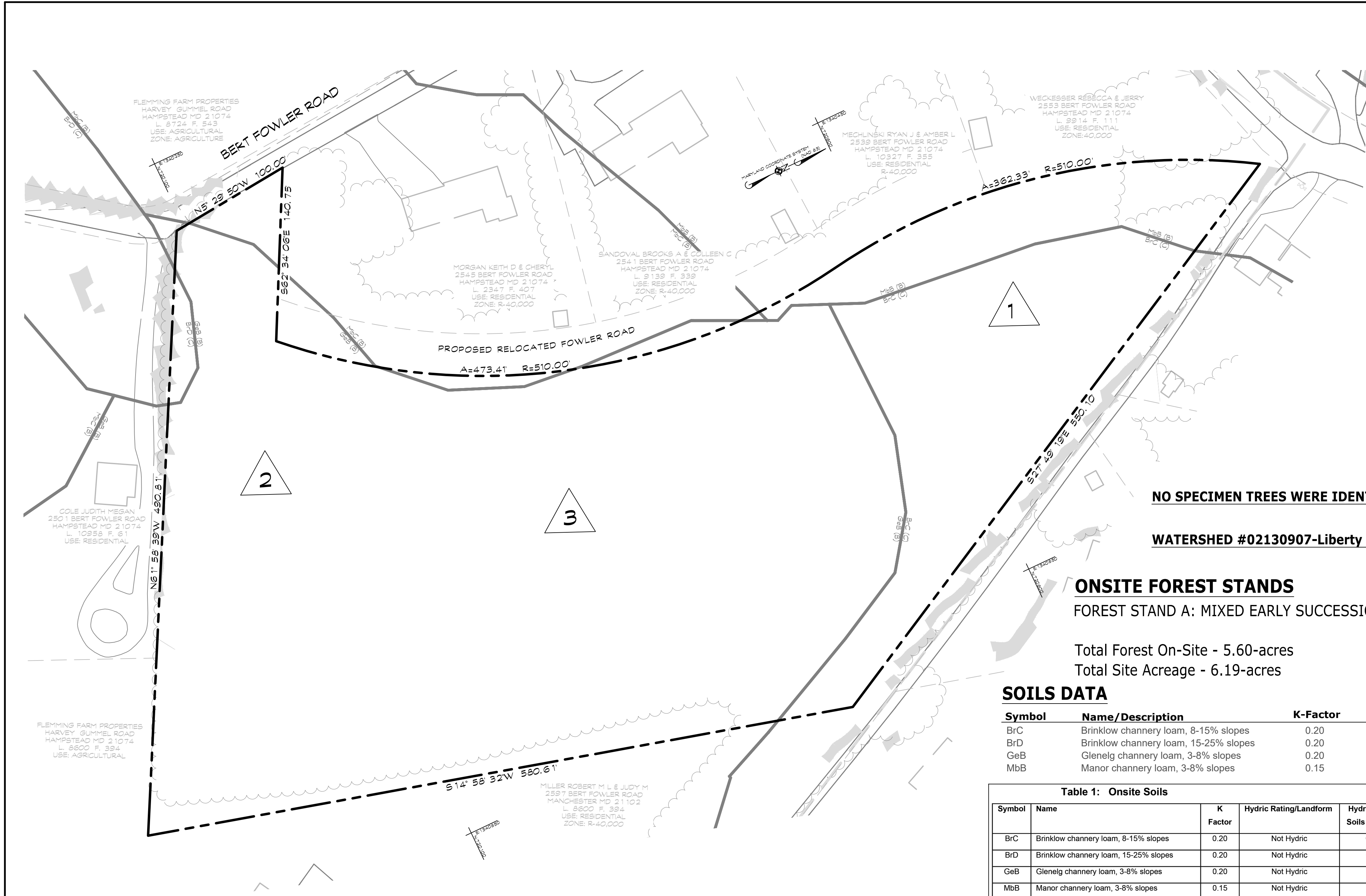
PROPERTY ID: 6028728 * HAMPSTEAD, MD 21074
TAX MAP 32 * BLOCK 4 * PARCEL 402
6th ELECTION DISTRICT * CARROLL COUNTY, MD



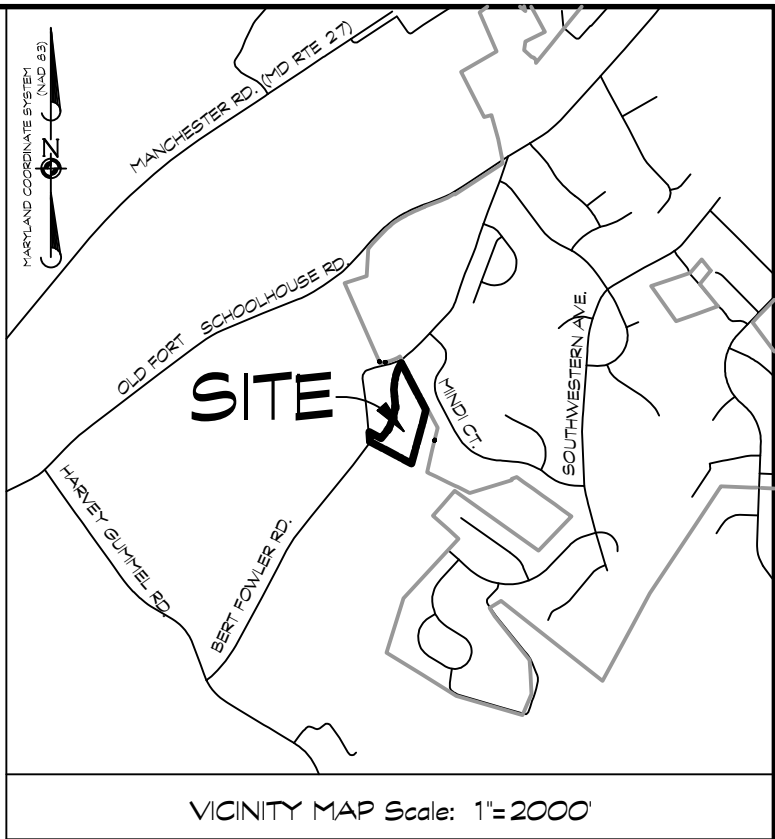
439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 56674, EXPIRATION DATE: DECEMBER 31, 2027

Date	Revisions	Drawn By: KH
		Design By: KH
		Reviewed By: BMH
		Date: JULY, 2026
		Scale: N.T.S.
		Job No.: 2026037
		Sheet: 1000



LEGEND	
	SOIL TYPE
	SOIL LINE
	HYDROLOGIC SOIL GROUP
	EXISTING TREE LINE
	PROPERTY BOUNDARY
	EXISTING PAVING
	ADJOINER LINE
	EXISTING 10' CONTOUR LINE
	EXISTING 2' CONTOUR LINE



NO SPECIMEN TREES WERE IDENTIFIED ONSITE.

WATERSHED #02130907-Liberty Reservoir - USE III-P

ONSITE FOREST STANDS

FOREST STAND A: MIXED EARLY SUCCESSIONAL - 5.60-acres - PRIORITY 3

Total Forest On-Site - 5.60-acres

Total Site Acreage - 6.19-acres

SOILS DATA

Symbol	Name/Description	K-Factor	Hydric Rating	Hydrologic Group	Drainage Class
BrC	Brinklow channery loam, 8-15% slopes	0.20	Not Hydric	C	Well Drained
BrD	Brinklow channery loam, 15-25% slopes	0.20	Not Hydric	C	Well Drained
GeB	Glenelg channery loam, 3-8% slopes	0.20	Not Hydric	B	Well Drained
MbB	Manor channery loam, 3-8% slopes	0.15	Not Hydric	B	Well Drained

Table 1: Onsite Soils

Symbol	Name	K Factor	Hydric Rating/Landform	Hydrologic Soils Group	Drainage Class
BrC	Brinklow channery loam, 8-15% slopes	0.20	Not Hydric	C	Well Drained
BrD	Brinklow channery loam, 15-25% slopes	0.20	Not Hydric	C	Well Drained
GeB	Glenelg channery loam, 3-8% slopes	0.20	Not Hydric	B	Well Drained
MbB	Manor channery loam, 3-8% slopes	0.15	Not Hydric	B	Well Drained

SITE NARRATIVE

The study area is located in Manchester, Carroll County, Maryland. The site consists of forested land delineated into one (1) forest stand. Wetlands and Streams were not delineated as part of this study. No wetlands or streams were noted during the site visit. The site is bound by residential properties on all sides. The property is accessed by Bert Fowler Road. Elevations on the property range from 1,036 to 1,072ft. The site drains to the southwest. The subject property lies within the Liberty Reservoir watershed (hydrologic Unit Code 02130807 - USE III-P). According to a review of 100-year FEMA Floodplain information for this location (PANEL 2401300084D) no 100-year floodplain is present on the subject property.

The Maryland Department of Natural Resources (DNR) Wildlife and Heritage Service was contacted (Appendix C) regarding the presence of rare, threatened, or endangered species on or in the vicinity of the subject property. A response has not been received at the time of this report, but will be forwarded upon receipt to the appropriate parties. No rare, threatened or endangered species were noted during the site visit.

The subject property lies within the Liberty Reservoir watershed (hydrologic Unit Code 02130807 - USE III-P). According to a review of 100-year FEMA Floodplain information for this location (PANEL 2401300084D) no 100-year floodplain is present on the subject property.

The Fowlers Enclave Property exists as a forested lot. Land use in the local vicinity consists of residential land. Forest Stand A is an early-successional stand that covers the majority of the property. Diversity throughout the canopy is poor. The forest canopy is in fair condition with a canopy closure of 73%. The stand contained approximately 10 standing snags per acre. The average basal area in this stand is approximately 93 sqft/acre with approximately 186 trees per acre making it fully stocked.

Black Walnut (*Juglans nigra*), Black Locust (*Robinia pseudoacacia*), Black Cherry (*Prunus serotina*), and Red Maple (*Acer rubrum*) occupied the dominant canopy position of Forest Stand A. Pin Cherry (*Prunus pensylvanica*), was also present as a co-dominant species within the plots. The understorey was comprised of primarily of Mulberry (*Morus* spp.) and Sassafras (*Sassafras albidum*). The size class of the dominant trees within this stand was approximately 12-20". Few native shrubs exist in the stand. Native herbaceous species within the stand include: Pokeweed (*Phytolacca americana*) and Virginia Slickseed (*Haskelia virginiana*).

The shrub and herbaceous species layers were dominated by invasive species. Invasive species present included: Rosa multiflora, Bush Honeysuckle (*Lonicera* spp.), Japanese Stiltgrass (*Microstegium vimineum*), Oriental Bittersweet (*Celastrus orbiculatus*), Wineberry (*Rubus phoenicodermis*), and Autumn Olive (*Elaeagnus umbellata*). Invasive species cover is approximately 40-50% within the stand.

Stand A is a priority 3 stand. Recommendations for improving this stand include: control invasive species within the stand. No State Champion trees, trees 75% of the size (diameter) of State Champion trees are located onsite. No Specimen Trees 30" or greater were identified on the subject property.

The Fowlers Enclave Property consists of a forested lot that is comprised of one (1) forest stand. Forest Stand A is an early stage successional stand of mixed hardwood species rated as Priority 3. No specimen trees were identified on the subject property.

Specimen trees, streams, wetlands, and steep slopes are environmentally sensitive features and impacts to these areas should be avoided. If avoidance is not possible, impacts should be carried out with best management practices (BMPs).

Property: FOWLERS ENCLAVE Prepared By: MTW
Stand #: A Plot #: 1 Plot Size: 1/100 Date: 7/18/26
Basal Area in s/acre: 90
Size class of trees > 20" height within sample plot

Tree Species	# of Trees 2-5.9" dbh	# of Trees 6-11.9" dbh	# of Trees 12-19.9" dbh	# of Trees 20-29.9" dbh	# of Trees > 30" dbh	Total
Black Cherry						4
Mulberry						5
Black Walnut						2

Tree Species	# of Trees 2-5.9" dbh	# of Trees 6-11.9" dbh	# of Trees 12-19.9" dbh	# of Trees 20-29.9" dbh	# of Trees > 30" dbh	Total
Black Cherry						2
Black Walnut						2
Black Locust						2
Mulberry						1
Manor sp						2

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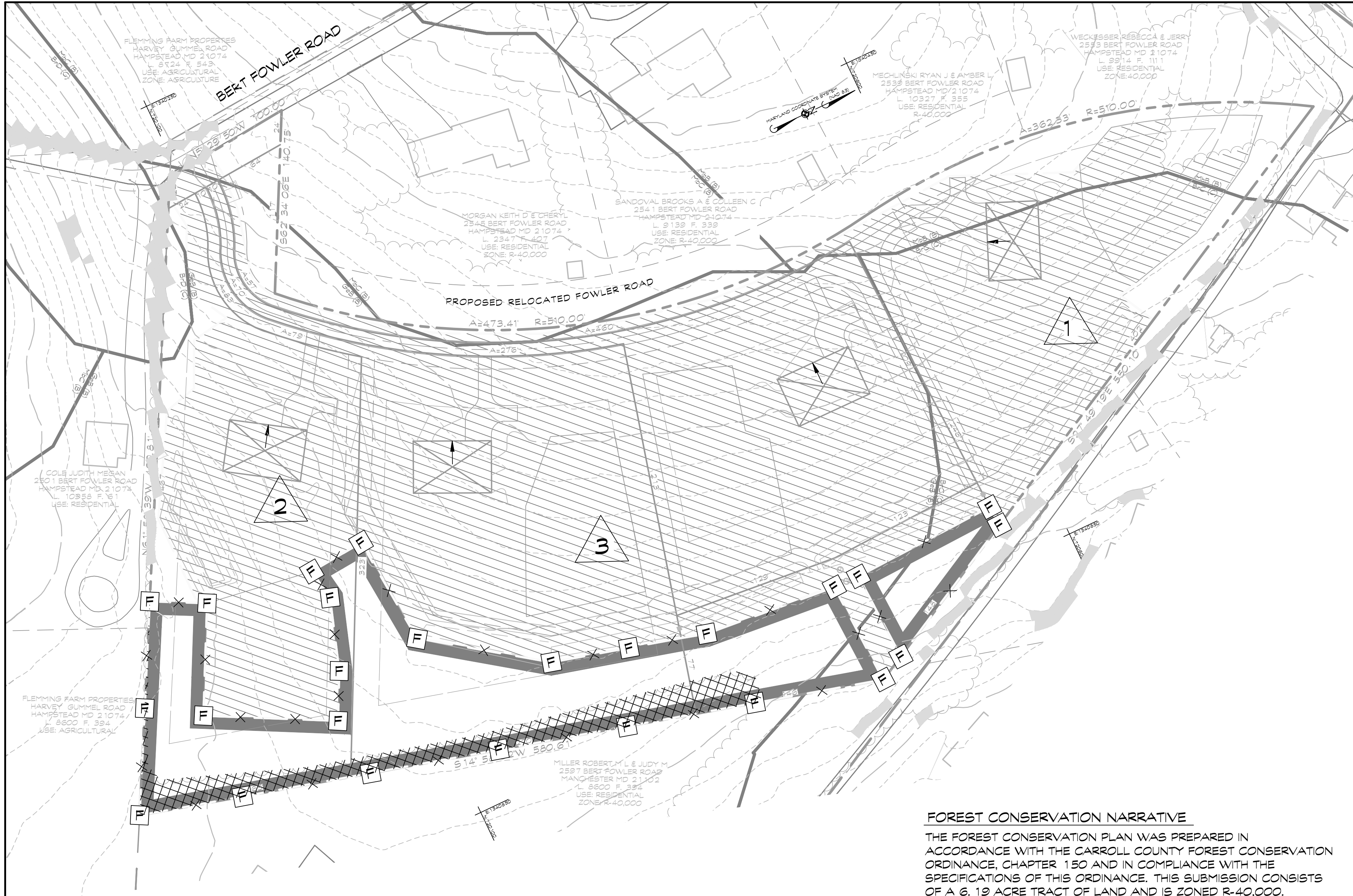
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Black Walnut						2
Black Locust						



GENERAL NOTES

1. CURRENT TITLE REFERENCE
OWNER: BENJAMIN A. MYERS LAND INVESTOR, LLC
DEED REFERENCE: LIBER 11756, FOLIO 236
DATE : APRIL 30, 2026
GRANTOR: GENE M. WENTZ
2. THE OUTLINE SHOWN HEREON IS BASED ON A BOUNDARY SURVEY PERFORMED BY CLSI DATED 7/2026
3. THE TOPOGRAPHY SHOWN HEREON IS BASED ON TOPOGRAPHY DATA, PROVIDED BY CARROLL COUNTY.
4. ZONING DISTRICT: R-40,000
5. TOTAL AREA OF SITE: 6.19 ACRES

ENVIRONMENTAL SITE NOTES

1. WATERSHED IDENTIFICATION INFORMATION (COMAR 26.08.02.08)
NEAREST WATERWAY: UNNAMED TRIBUTARY TO LITTLE MORGAN RUN
2. WATERSHED DRAINAGE BASIN: LIBERTY RESERVOIR #2 130907
3. THE SITE IS NOT LOCATED WITHIN ANY WELLHEAD PROTECTION AREAS CARBONATE ROCK AREAS, OR AQUIFER PROTECTION AREAS.
4. SOILS SHOWN ARE FROM NRCS SOIL SURVEY.
5. THIS SITE IS WITHIN SURFACE WATERSHED AREA AS SHOWN ON THE WATER RESOURCE MANAGEMENT AREA GUIDANCE MAP FOR CARROLL COUNTY.
6. NO RARE, THREATENED OR ENDANGERED PLANT OR ANIMAL SPECIES WERE OBSERVED DURING THE SITE VISIT. A LETTER CONFIRMATION HAS BEEN RECEIVED FROM THE MARYLAND DEPARTMENT OF NATURAL RESOURCES

FOREST PROTECTION PLAN

The limit of disturbance (L.O.D) for construction will be marked by the contractor along the L.O.D as shown on the plan sheet. The edge of the tree line to remain will be field checked by a qualified professional. After the edge is checked the Critical Root Zone will be flagged using the formula 1' of D.B.H. equals 1' of the radius for the Critical Root Zone. During the flagging of the C.R.Z., a tree by tree evaluation will be made along the edge, not only for the root zone establishment but for the trees overall condition as well as survival potential. For Specimen trees he C.R.Z. is determined per section 3.2.1 of C.C. Forest Conservation Technical Manual. Once the C.R.Z is established, the L.O.D. will be re-adjusted to conform with the field flagging. At this time the contractor will install the following protection devices, see details. The temporary protection device will be installed once the C.R.Z has been established and the L.O.D. located, as mentioned previously. This protection device will be installed prior to any construction activity. DO NOT PUT SIGNS ON TREES!!!

The metal fence posts will be installed 1/3 into the ground just outside the C.R.Z. or Limit of Disturbance (L.O.D.), as shown on plan.

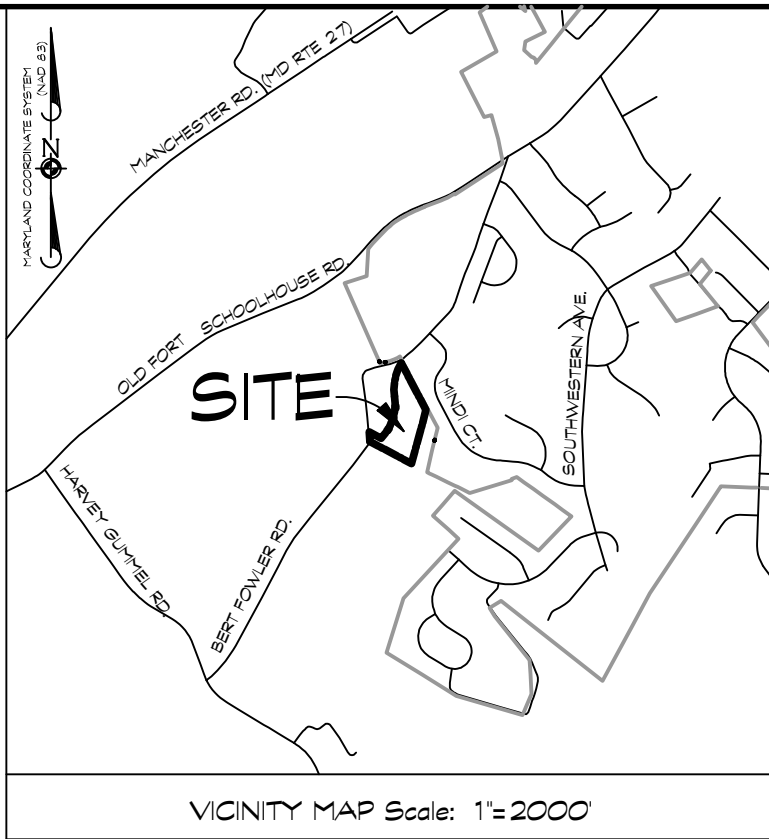
No equipment, machinery, vehicle, materials or excessive pedestrian traffic will be allowed in the Critical Root Zone Area. Therefore, no openings through the fence will be allowed. Entrance to the protected area will occur only if necessary for repair of accidental injury to the tree. This protective tree device will remain in place and will be maintained throughout the life of the construction project. To help reduce the possibility of disturbance within an identified forest protection area, a pre-construction meeting will take place after boundaries of the L.O.D. have been staked and flagged and the forest protection devices have been installed. The employees of the construction crew will be informed of the importance of the tree slated for retention. During the pre-construction meeting the temporary parking location, stockpile area, staging and fueling area will be shown to all personnel. NOTE: Concrete Wash-Out will be performed where indicated.

FOREST CONSERVATION NOTES

1. Plan prepared by CLSI
2. Attachment of signs or any other object, to tree is prohibited.
3. No equipment, machinery, vehicles, materials or excessive pedestrian traffic shall be allowed in conservation areas.
4. Retention Forest signs and specimen tree signs to be posted as noted on plan sheet.
5. All protective devices must be in place prior to any grading which includes Retention Forest Signs, Specimen tree signs and fencing.
6. Pre- Construction meeting: Before any disturbance, the developer, contractor or project manager and local inspector shall attend. Temporary parking, stockpile, staging and fueling area will be shown to all personnel.
7. Any changes made to the Forest Conservation Plan due to the On-Site conditions shall be made in consultation with a Representative of the Bureau of Resource Management.
8. Retentions, Reforestation and Afforestation areas will be placed in a Forest Conservation Easement in perpetuity.
9. No burial of discarded materials will occur on-site within the forest conservation areas or planting areas.
10. No open burning within 100 feet of a wooded area.

OWNER/DEVELOPER

BENJAMIN A MYERS
LAND INVESTOR LLC
180 RAM DRIVE
HANOVER, PA 17331



Forest Conservation Worksheet

A.	Forest to be cleared:		4.53	Ac.
B.	Reforestation required:		4.53	Ac.
(Forest which is cut or cleared measured to the nearest one-tenth acre, shall be reforested at a ration of one acre planted or banked for every one acre of forest removed.)				
C.	Net Tract Area	Site	6.19	Ac.
D.	Minimum Forest Threshold	20%	1.24	Ac.
(15% for areas zoned commercial or industrial, or institutional development areas; 20% for all other zones)				
E.	Existing Forest within the Net Tract Area:		5.60	Ac.
F.	Forest to be Retained (E - A):		1.07	Ac.
G.	Forest Credit (B + F):		5.60	Ac.
H.	Afforestation Required (D - G):		-4.36	Ac.

Afforestation may be addressed by retaining in an easement forest that is within the net tract areas, planting, or banking. If H < 0, no afforestation is required.)

Reforestation Required	4.53	Ac.
Afforestation Required	0.00	Ac.
Total Forest Conservation Required	4.53	Ac.

NO SPECIMEN TREES WERE IDENTIFIED ONSITE.

WATERSHED #02130907-Liberty Reservoir - USE III-P



CONCEPT FOREST CONSERVATION PLAN

FOWLERS ENCLAVE

PROPERTY ID: 6029728 * HAMPS TEAD, MD 21074
TAX MAP 32 * BLOCK 4 * PARCEL 402
6th ELECTION DISTRICT * CARROLL COUNTY, MD



439 East Main Street Westminster, MD 21157-5539
(410) 848-1790 FAX (410) 848-1791

Date	Revisions	Drawn By: KH, BMM
		Design By:
		Reviewed By: BH
		Date: JULY, 2026
		Scale: 1" = 30'
		Job No.: 2026037
		Sheet: 1401

FOREST PROTECTION FENCE & SIGNS

FOREST CONSERVATION PROTECTION FENCE

SIGNS	
Forest Retention Area:	25
Total Signs:	25

NOTE: This estimate for bond purposes only. contractor is responsible to confirm or provide own estimate for bidding purposes

FOREST PROTECTION SIGNS - DETAIL



FOREST CONSERVATION AREA

DO NOT DISTURB
NO DUMPING
NO MOTORIZED VEHICLES

PLACED APPROXIMATELY EVERY 100 FT.

