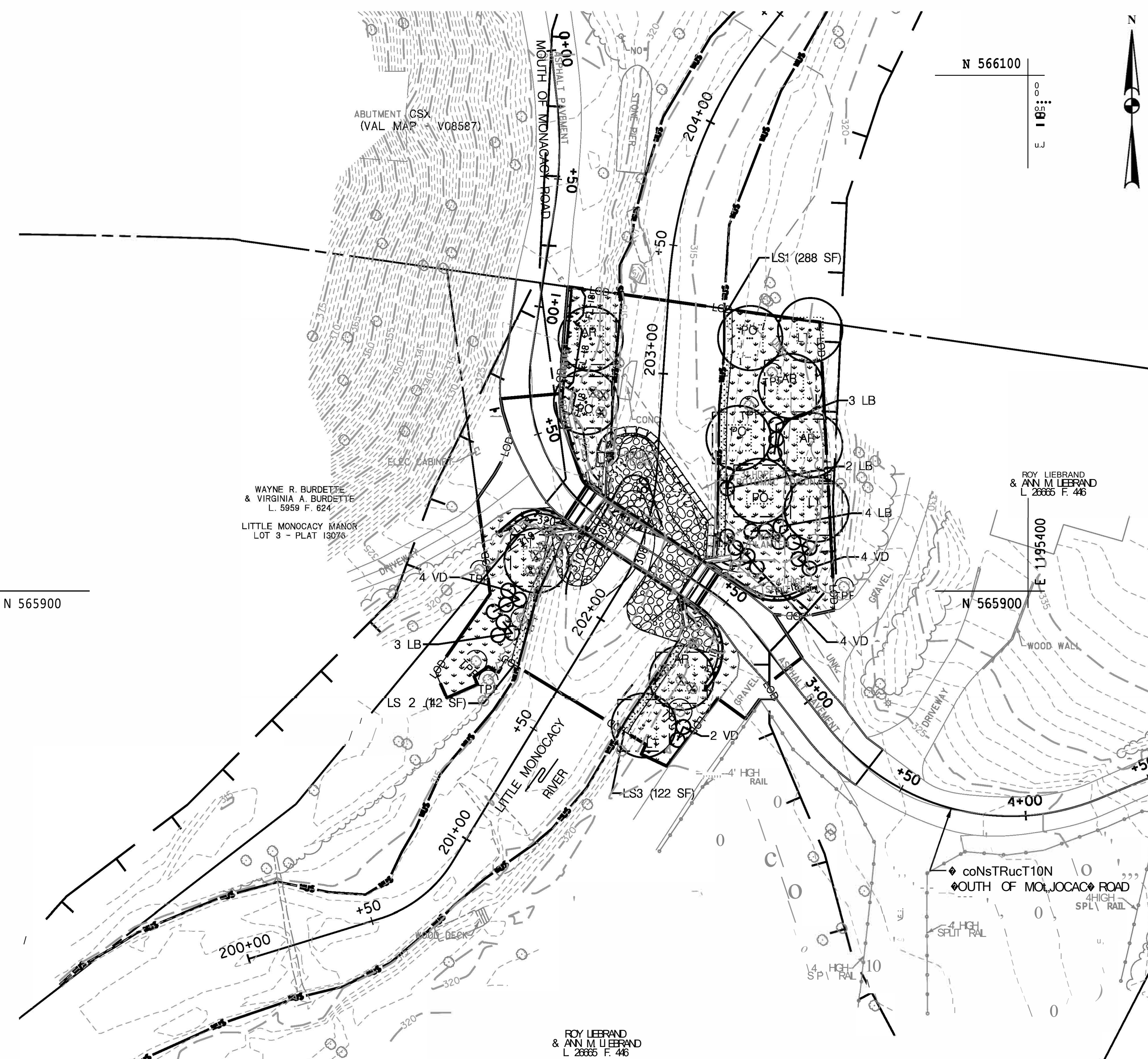


LEGEND

- ⊗ TREE TO BE REMOVED
- LOD - LIMIT OF DISTURBANCE
- [---] UPLAND MEADOW SEED MIX
- [---] LIVE STAKES
- [---] GROWING AND PLANTING ZONE
- PROPOSED TREE
- PROPOSED SHRUB
- TPF - TREE PROTECTION FENCE



PLAN
1" = 30'-0"

SOIL PREPARATION

- PRIOR TO ALL SOIL PREPARATION WORK, ALL CONSTRUCTION IN THE AREA SHALL HAVE BEEN COMPLETED.
- CLEARING: PRIOR TO APPLICATION OF TOP DRESS MATERIAL, THE GROUND SURFACE SHALL BE WELL DRAINED AND CLEAR OF ALL DEBRIS OR ANY OTHER MATERIAL WHICH MAY HINDER THE PROPER APPLICATION OF SUBSEQUENT MAINTENANCE OPERATIONS.
- PRECAUTIONS: DO NOT WORK SOIL WHILE FROZEN OR WET. DO NOT WORK SOIL IN A DUSTY CONDITION BUT MOISTEN TO PREVENT A DUST NUISANCE.
- AERATE ALL TOP-DRESSED AREAS USING A CORE REMOVING AERATOR.
- ANY BARE AREAS LARGER THAN 1 SQ.FT. SHOULD BE RESTORED TO FINISHED GRADE WITH A SCREENED COMPOST OR FINE GRADE TOPSOIL. (SUBMIT SAMPLE FOR APPROVAL). USE EQUIPMENT AND METHODS COMMON TO SUCH WORK AND TILL SOIL TO THOROUGHLY TO INCORPORATE THE SCREENED COMPOST INTO EXISTING SOIL.
- FERTILIZER: FOLLOWING THE AERATION PROCESS, APPLY A STARTER FERTILIZER IN ACCORDANCE EVENLY AT THE RATE OF 7 CY/1000 SQ.FT. INTO THE TOP 2 INCHES OF SOIL BY CROSS DISKING OR OTHER APPROPRIATE METHOD.
- SOW SEED ONLY AFTER THE SCREENED SOIL AMENDMENT AND FERTILIZER HAVE BEEN APPLIED AND THOROUGHLY SETTLED BY RAINFALL OR WATERING. OVERSEED EVENLY AT RATES SPECIFIED ON THE SEEDING TABLE WITH EQUIPMENT THAT PROVIDES A MULTI-DIRECTIONAL SEEDING PATTERN TO ENSURE PROPER SEEDING RATE AND UNIFORMITY OF SEEDING.
- MULCHING: AFTER SEEDING, COVER BARE AREAS THAT HAVE BEEN PREPARED WITH CLEAN WHEAT STRAW. A MINIMUM OF 50% OF THE SOIL SURFACE SHALL BE COVERED UNTIL GERMINATION HAS OCCURRED.

GENERAL PLANTING NOTES

- ALL PLANT MATERIAL SHALL CONFORM TO THE SIZES GIVEN IN THE PLANT LIST AND SHALL BE NURSERY GROWN IN ACCORDANCE WITH THE "AMERICAN STANDARD FOR NURSERY STOCK" ANSI Z60.1, LATEST EDITION.
- ALL PLANTINGS SHALL BE IN ACCORDANCE WITH STANDARD AMERICAN ASSOCIATION OF NURSERYMEN PROCEDURES AND SPECIFICATIONS.
- CONTRACTOR AND OWNER'S REPRESENTATIVE SHALL VERIFY THE CORRECT LOCATION OF ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO INSTALLATION OF ANY PLANT MATERIALS.
- ALL PLANT BEDS AND PLANTING AREAS TO BE MULCHED TO A DEPTH OF 2" SHREDDED HARDWOOD BARK UNLESS OTHERWISE NOTED ON DRAWINGS OR SPECIFICATIONS.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE FINE GRADED AND SEEDED.
- OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE BEFORE MAKING ANY SUBSTITUTIONS OR CHANGES.
- QUANTITIES SHOWN ON PLANT LIST ARE FOR THE CONTRACTORS CONVENIENCE ONLY AND ARE NOT GUARANTEED TO BE ACCURATE. IN THE EVENT OF A DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLAN AND THE QUANTITIES SHOWN ON THE PLANTING SCHEDULE, THE QUANTITIES ON THE PLAN SHALL APPLY.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF MONTGOMERY COUNTY, MARYLAND.
- CONTRACTOR IS TO PROVIDE ALL MATERIALS AND LABOR INCLUDING PLANTS, PLANTER FILL MATERIALS, MULCHES, SOIL PREPARATION, DECORATIVE ITEMS, INSPECTIONS, AND TRANSPORTATION.
- TOPSOIL AND/OR COMPOST SHALL MEET THE CRITERIA SET IN THE 2024 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS SECTIONS 701 AND 920 UNLESS OTHERWISE NOTED IN THE PLAN OR SPECIFICATIONS AND SHALL BE PLACED TO A DEPTH OF 4" IN ALL AREAS TO BE SEEDED OR SODDED.
- SODDED AND SEEDED AREAS SHALL BE PROPERLY PREPARED, FINISH-GRADED, AND HAND ROLLED PRIOR TO SOD PLACEMENT OR SEEDING. SEEDED AREAS SHALL BE RE-SEEDED AS NECESSARY TO PROVIDE AN EVEN STAND OF SPECIFIED PLANTINGS.
- LIVE STAKE PLANTING AREAS TO BE STABILIZED WITH TYPED STABILIZATION MATTING. UPLAND MEADOW SEED MIX AREAS TO BE STABILIZED WITH TYPE A STABILIZATION MATTING.
- TEMPORARY SEEDING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 704 AND SECTION 920.06 OF THE 2024 MONTGOMERY COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS UNLESS OTHERWISE STATED IN THE PLAN AND SPECIFICATIONS.
- MEADOW SEEDING SHALL BE INSTALLED IN ACCORDANCE WITH SECTIONS 707 AND 920 OF THE 2024 MONTGOMERY COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS UNLESS OTHERWISE STATED IN THE PLAN AND SPECIFICATIONS.
- TREE BRANCH PRUNING TO OCCUR AT THE DISCRETION OF AN ARBORIST WHERE THE BRANCHES WILL CONFLICT WITH VEHICULAR TRAFFIC DURING CONSTRUCTION.

Symbol	Quantity	Scientific Name	Common Name	Type	Size (Cal)	Spacing
FO	4	<i>Platanus occidentalis</i>	Sycamore	Tree (Canopy)	2"	As Shown
AR	4	<i>Acer rubrum</i>	Red Maple	Tree (Canopy)	2"	As Shown
LT	4	<i>Urtica dioica</i>	Tulip Poplar	Tree (Canopy)	2"	As Shown
LB	12	<i>Unders benzoin</i>	Northern Spicebush	Shrub	2 Gallon	As Shown
VD	14	<i>Viburnum dentatum</i>	Southern Arrowwood	Shrub	2 Gallon	As Shown

Note: Final plant locations may be field adjusted.

PURCHASE SEED - LB/ACRE	COMMON NAME	SCIENTIFIC NAME
1	Broomsedge Bluestem	<i>Andropogon virginicus</i>
2	Deertongue	<i>Oligantherum cf. densiflorum</i>
20	Hard Fescue	<i>Festuca brevipila</i>
2	Little Bluestem	<i>Schizachyrium scoparium</i>
1	Purpletop	<i>Tridens flavus</i>
05	Virginia Wild Rye	<i>Elymus virginicus</i>
05	Blackseed Susan	<i>Rudbeckia hirta</i>
24	Eastern Purple Coneflower	<i>Echinacea purpurea</i>
24	Partridge Pea	<i>Chamaecrista fasciculata</i>
04	Smooth Blue Aster	<i>Symphyotrichum laeve</i>
04	Wild Bergamot	<i>Monarda fistulosa</i>
1	Brownseed Susan	<i>Rudbeckia triloba</i>
28	Lanceleaf Tickseed	<i>Coreopsis lanceolata</i>
04	Gray Goldenrod	<i>Solidago nemoralis</i>
Total Upland Meadow Seeding Area = 8,310 sq ft		

- Notes:
1 Upland meadow seed mix areas shall directly abut live stake planting areas as designated.
2 Upland Meadow Seed Mix to be applied at a rate of 36.8 lbs/acre (0.84 lbs/1000 sq.ft) in designated areas.

MIX%	SPECIES	
	COMMON NAME	SCIENTIFIC NAME
5%	Common Wheat	<i>Triticum aestivum</i>
5	Foxtail Millet	<i>Setaria ita/ica</i>

Note: Temporary seed mix to be applied at a rate of 125 lbs/acre (0.026 lbs/sqyd).

Scientific Name	Common Name	Size	Spacing	Plant Quantity		
				LS1 (288 sq)	LS2 (142 sq)	LS3 (122 sq)
<i>Salix nigra</i>	Black Willow	0.5-1" diameter, 3-4' long	20.C.	42	21	18
<i>Camus amomum</i>	Silky Dogwood	0.5-1" diameter, 3-4' long	2 O.C.	42	21	18

- Notes:
1 Live stake planting areas to begin at waters edge and shall maintain a width of 3 feet in designated areas.
2 Live stake species subject to substitutions based on commercial availability.

SCALE: 1"=30'

CiPI
Engineering | Design | Planning | Construction Management
www.gpinet.com
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10440 Little Patuxent Parkway, Suite 900
Columbia, MD 21044
Tel: 410.880.3055

OWNER ADDRESS:
DEPARTMENT OF TRANSPORTATION
100 EDISON PARK DRIVE
GAITHERSBURG, MARYLAND

CONTACT:
DIVISION OF TRANSPORTATION ENGINEERING
TRANSPORTATION CONSTRUCTION
240-777-7210
TRANSPORTATION PLANNING & DESIGN
240-777-7221

NO.	REVISION	DATE	BY

MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____
APPROVED

Chief, Division of Transportation Engineering _____ Date _____

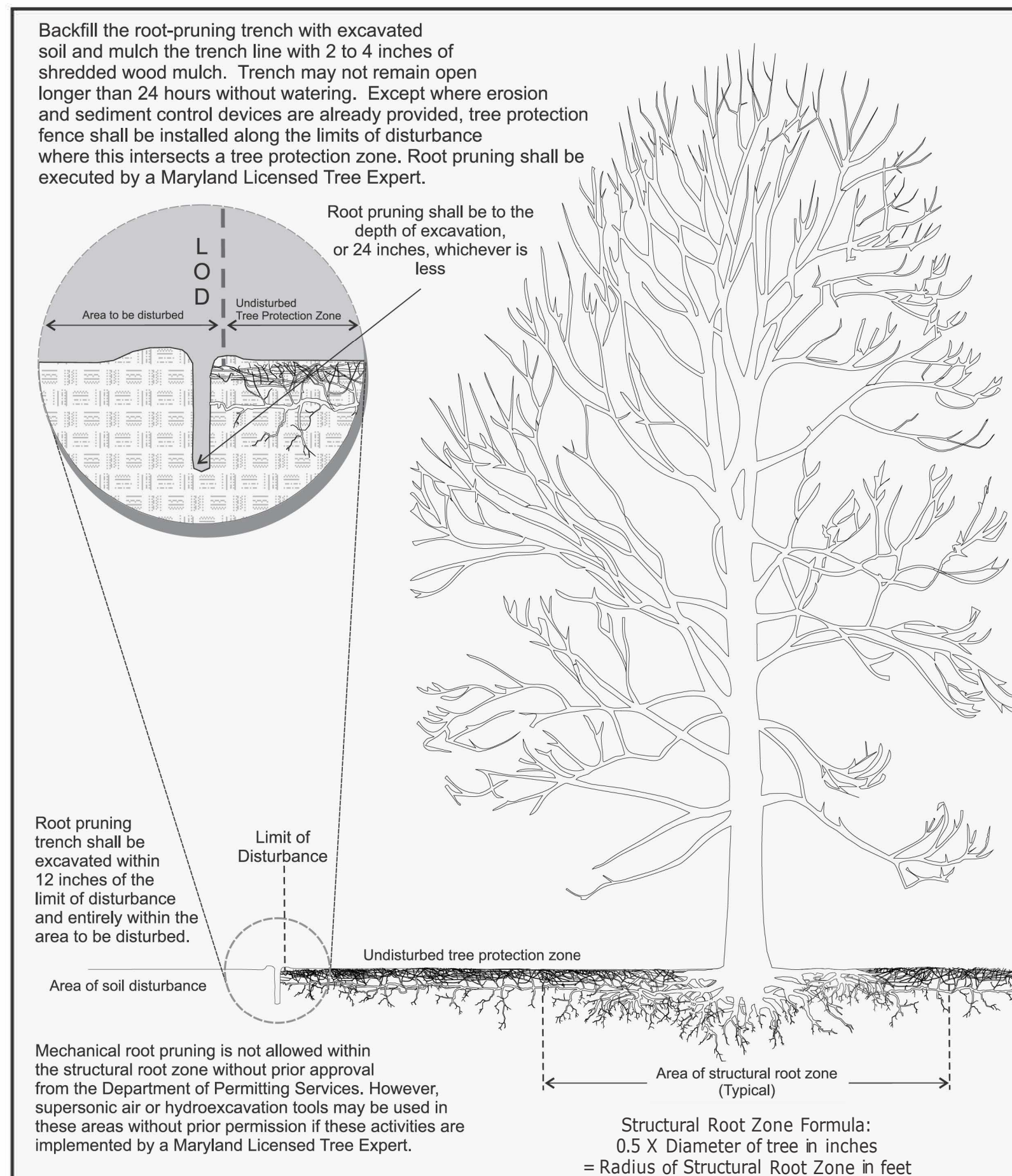
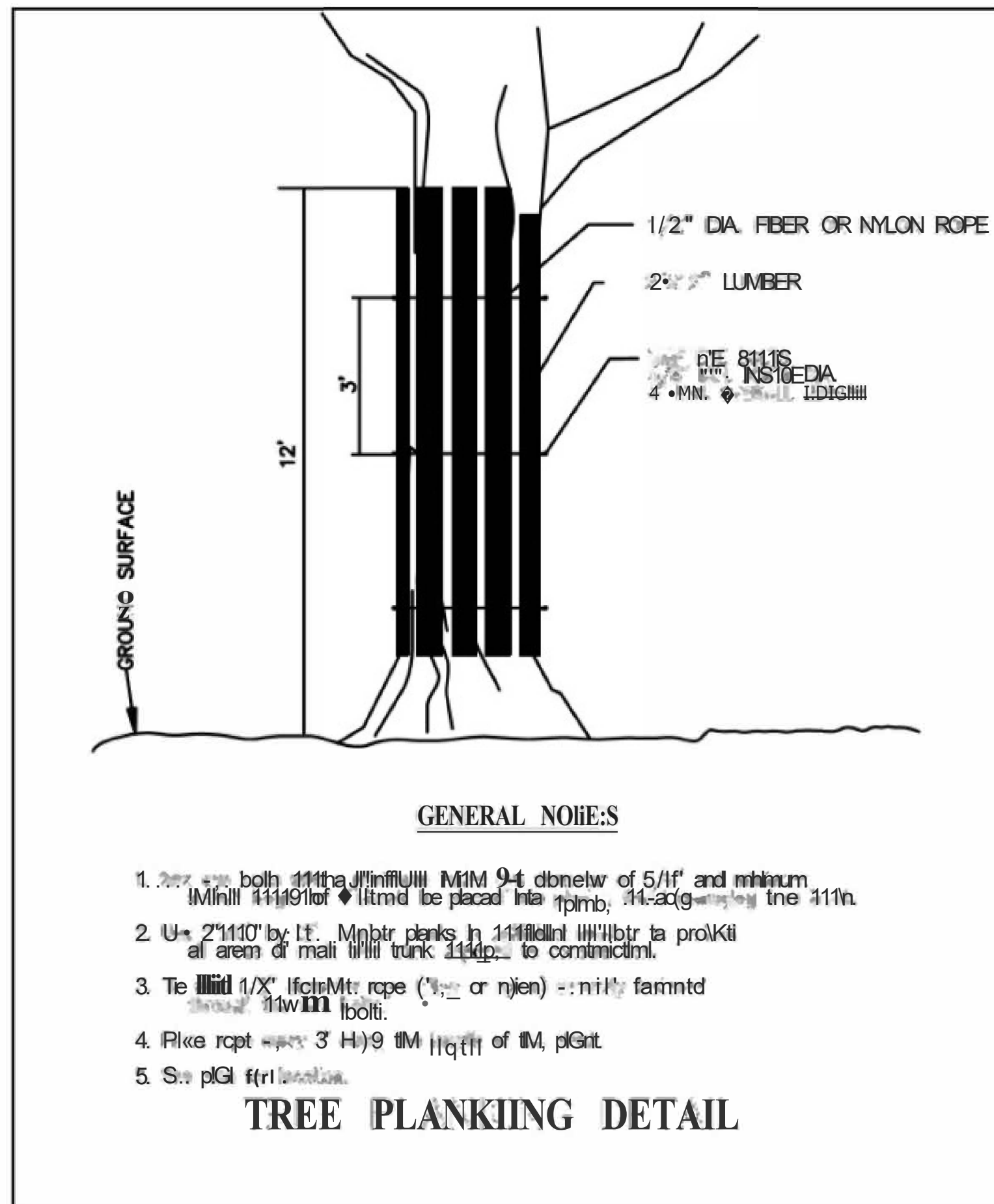
Designed By: A=P _____ Drawn By: AWW _____ Checked By: W=L _____

LANDSCAPE PLAN

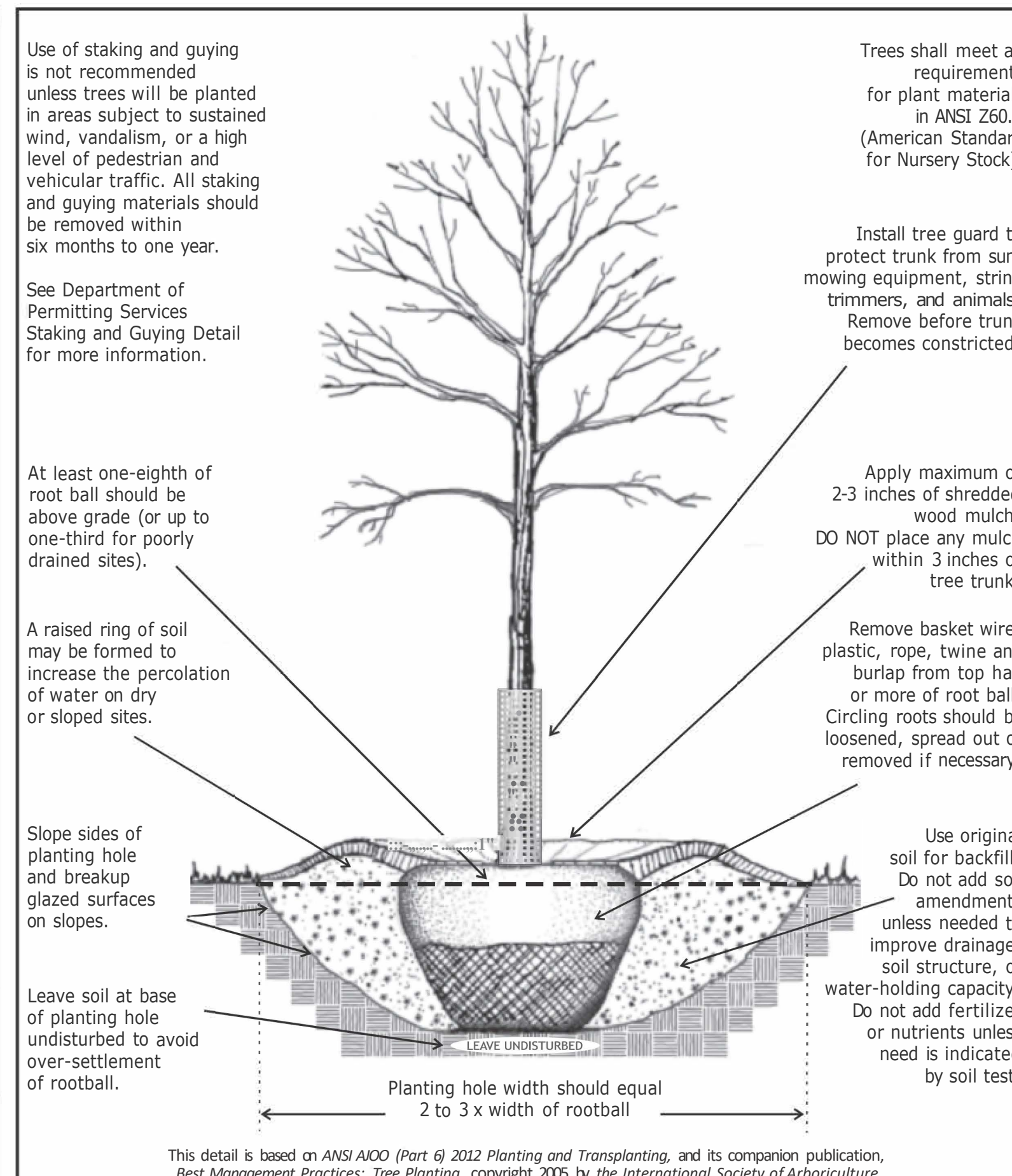
REPLACEMENT OF BRIDGE NO. M-0043
MOUTH OF MONOCACY ROAD
OVER LITTLE MONOCACY RIVER

SCALE: AS SHOWN DATE: NOVEMBER 2025

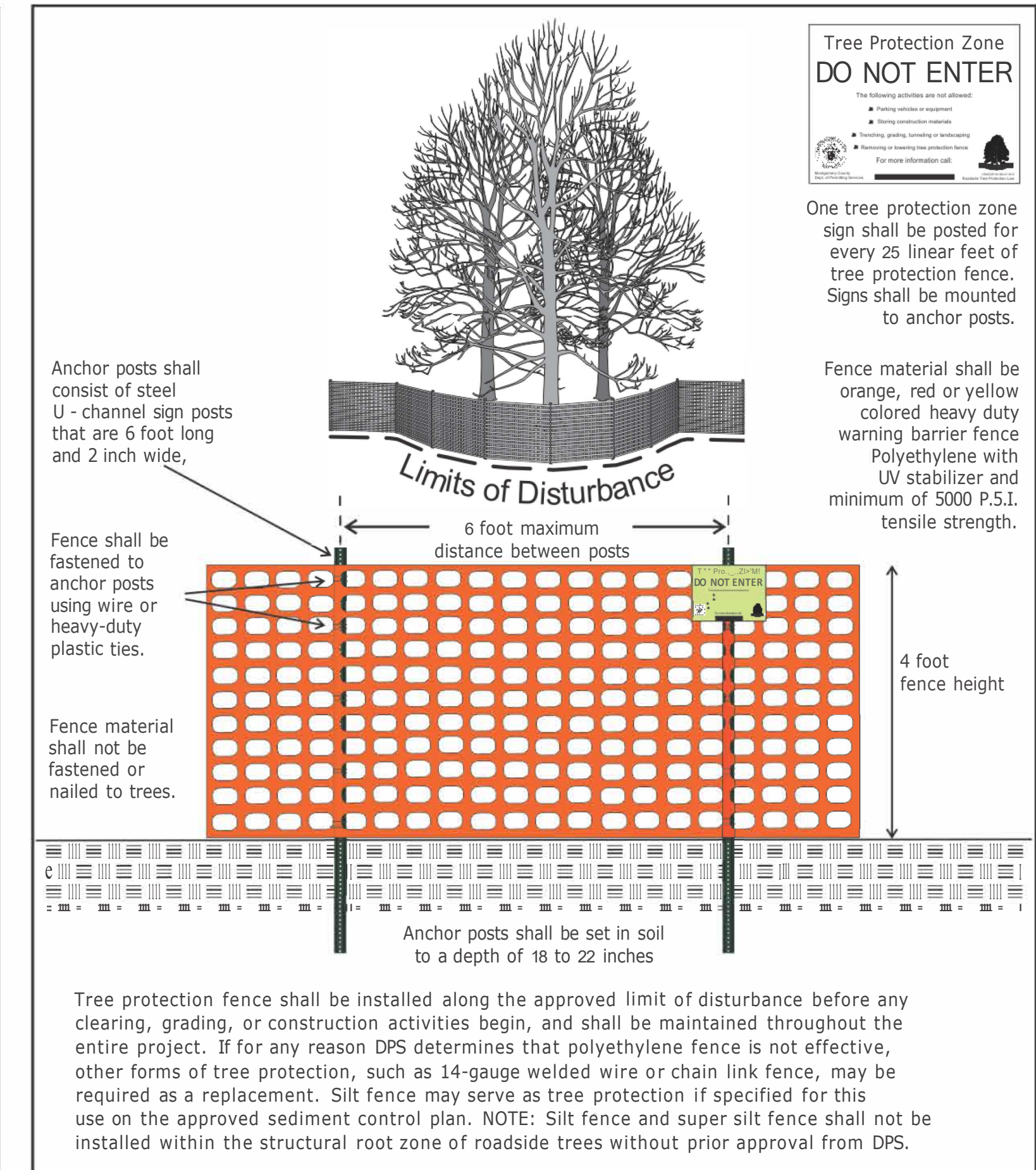
Project No.: 1X=X=XX SHEET 34 OF 40



	MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES	ROOT PRUNING AND STRUCTURAL ROOT ZONE FORMULA	DATE: 5/16 SCALE: NONE
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	MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES	TREE PLANTING DETAIL FOR BALLED AND BURLAP NURSERY STOCK	DATE: 5/16 SCALE: NONE
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	MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES	TREE PROTECTION FENCING DETAIL	DATE: 5/16 SCALE: NONE
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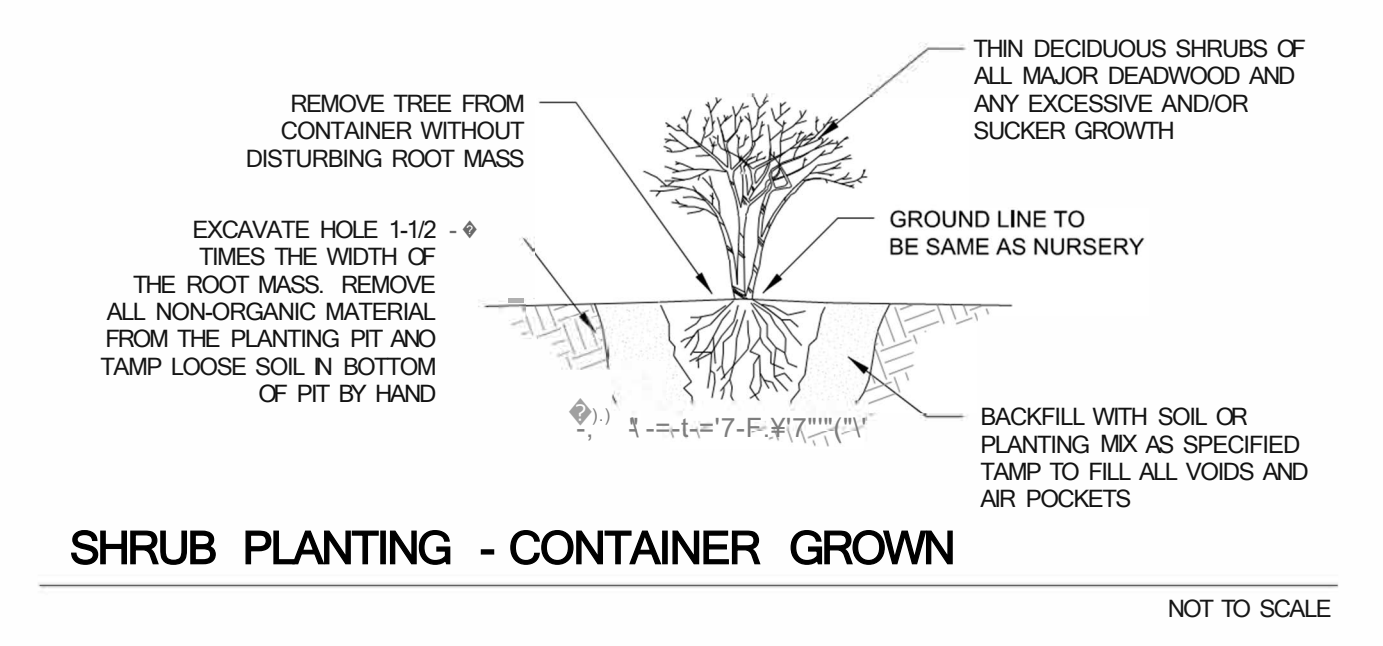
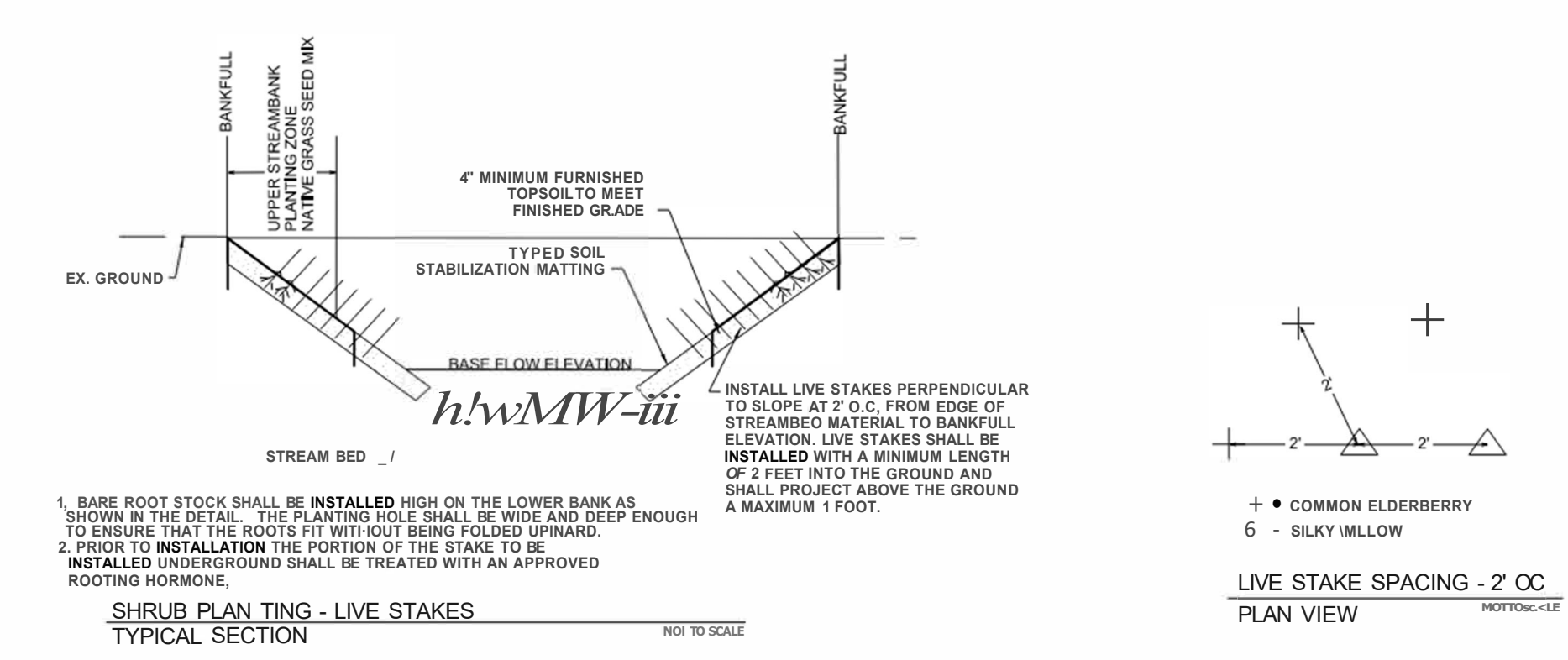
Tree Protection Zone DO NOT ENTER

- The following activities are not allowed:
- X Parking vehicles or equipment
 - X Storing construction materials
 - X Trenching, grading, tunneling or landscaping
 - X Removing or lowering tree protection fence



For more information call:

DPS TREE PROTECTION SIGN



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OWNER/ADDRESS: DEPARTMENT OF TRANSPORTATION 100 EDISON PARK DRIVE GAITHERSBURG, MARYLAND			
CONTACT: DIVISION OF TRANSPORTATION ENGINEERING TRANSPORTATION CONSTRUCTION 240-777-7210 TRANSPORTATION PLANNING & DESIGN 240-777-7221			
NO.	REVISION	DATE	BY

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION GAITHERSBURG, MARYLAND	
RECOMMENDED FOR APPROVAL	
Chief, Design Section	Date
APPROVED	
Chief, Division of Transportation Engineering	Date
Designed By: <u>MAP</u>	Drawn By: <u>AWW</u>
Checked By: <u>WAP</u>	

LANDSCAPE DETAILS	
REPLACEMENT OF BRIDGE NO. M-0043 MOUTH OF MONOCACY ROAD OVER LITTLE MONOCACY RIVER	
SCALE: AS SHOWN	DATE: NOVEMBER 2025
Project No. : X X X X X	SHEET 35 OF 40