





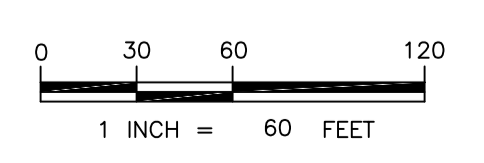
REVISIONS	MARK	DESCRIPTION	DATE	APPR.	MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY: DP/CJS	DATE: 3/20/2025
DRAWN BY: DP	TASK ORDER NO.: R18-04
SUBMITTED BY: CJS	CONTRACT NO.:
FILE NUMBER: SC0002	FILE NAME: R18-04-001-001-001.dwg
SCALE: 1" = 60'	ARCH'D

DUMONT OAKS FOND MAINTENANCE DREDGING  
 DEP. ASSET #1066A  
 TAX MAP JOB#1, PARCEL 36  
 13TH ELECTION DISTRICT  
 MONTGOMERY COUNTY, MARYLAND

SHEET NO.  
2 OF 15  
KEY-01

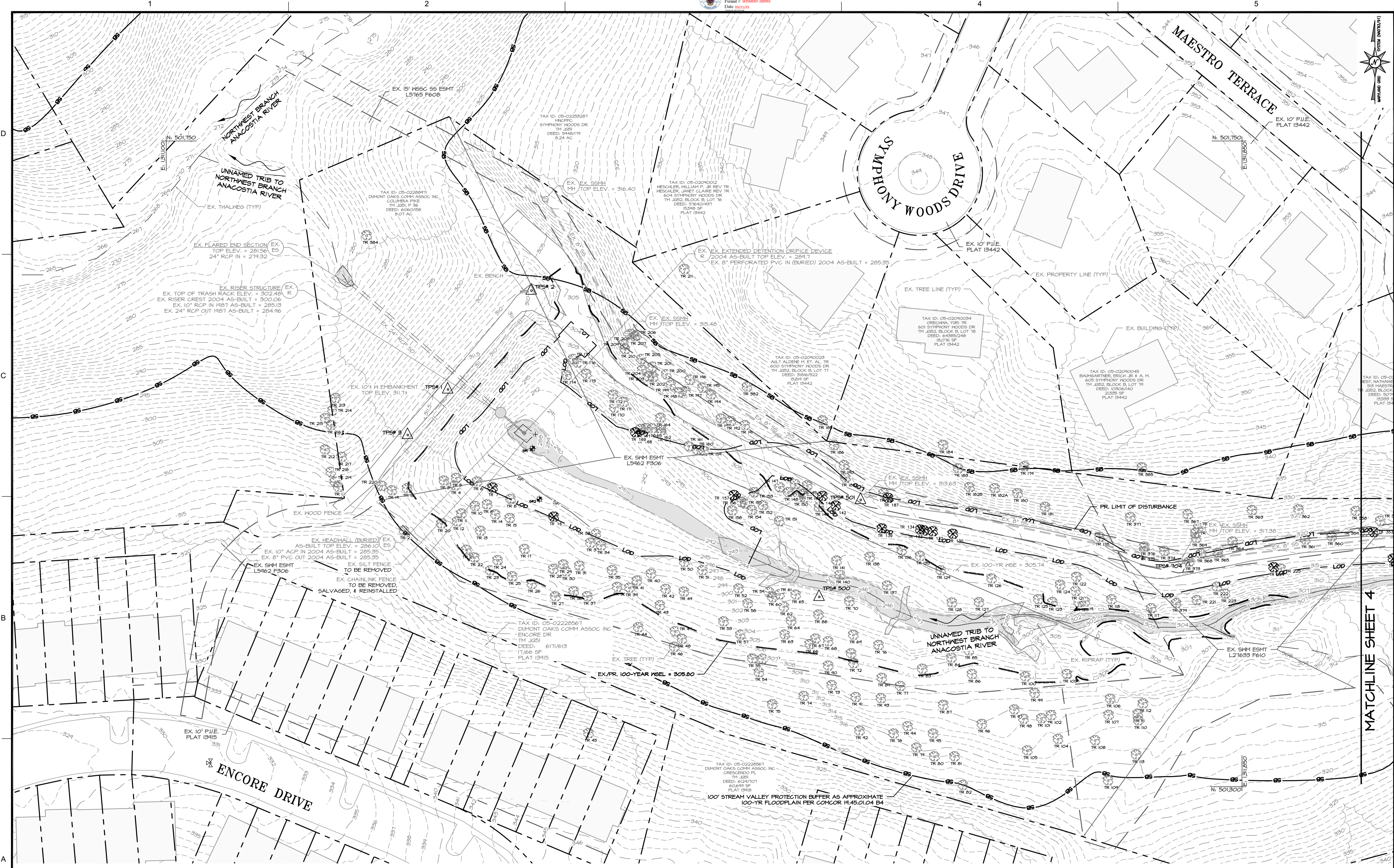
**KEY SHEET**  
 SCALE: 1" = 60'



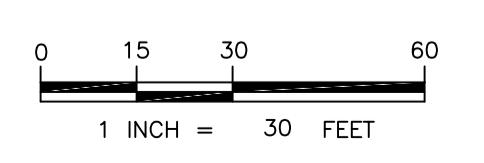
**PROFESSIONAL CERTIFICATION**  
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 33146, EXPIRATION DATE: 01/14/2027.



Date: 2025.03.20 12:40:01 -0400'



**EXISTING CONDITIONS**  
 SCALE: 1" = 30'



**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. 33146, EXPIRATION DATE: 01/14/2027.



REVISIONS	MARK	DESCRIPTION	DATE	APPR.

DESIGNED BY:	DATE:
DPC/CS	3/20/2025
DWN BY:	TASK ORDER NO.:
DP	R18.04
SUBMITTED BY:	CONTRACT NO.:
C/S	
FILE NUMBER:	FILE DATE:
SC0003	3/20/2025
FILE NAME:	SCALE:
20250320_124022_04100	1" = 30'
	SIZE:
	ARCH D

DUMONT OAKS FOND MAINTENANCE DREDGING  
 DEP ASSET #10694, PARCEL 36  
 13TH ELECTION DISTRICT  
 MONTGOMERY COUNTY, MARYLAND

**EXISTING CONDITIONS**  
 SHEET NO.  
 3 OF 15  
 EX-01



TREE SURVEY TABLE

Table with columns: TREE NO., DBH (IN), ABBR., LATIN NAME, COMMON NAME, COND., NOTES, CRZ RADIUS (FT). Rows 01-76.

Table with columns: TREE NO., DBH (IN), ABBR., LATIN NAME, COMMON NAME, COND., NOTES, CRZ RADIUS (FT). Rows 77-151.

Table with columns: TREE NO., DBH (IN), ABBR., LATIN NAME, COMMON NAME, COND., NOTES, CRZ RADIUS (FT). Rows 152-219.



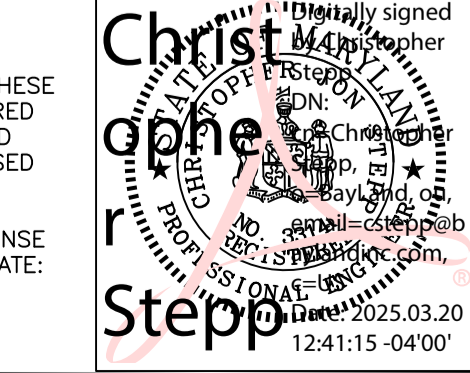
Table with columns: REVISIONS, DATE, APPR., DESCRIPTION, MARK.

DESIGNED BY: DATE: 3/20/2025  
DPC/CJS TASK ORDER NO.: 1818-04  
DRAWN BY: CJS CONTRACT NO.:  
SUBMITTED BY: FILE NUMBER: SC0005  
FILE NAME: 1818-04-0005

MS. JILL L. J. 240-777-7762  
DPC/CJS  
MONTEGOMERY COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
2425 REDDIE DRIVE  
WHEATON, MD 20902

DUMONT OAKS FOND MAINTENANCE DREDGING  
DEP ASSET #10694 PARCEL 36  
13TH ELECTION DISTRICT  
MONTEGOMERY COUNTY, MARYLAND

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. 33146, EXPIRATION DATE: 01/14/2027.



**TREE SURVEY TABLE**

TREE NO.	DBH (IN)	ABBR.	LATIN NAME	COMMON NAME	COND.	NOTES	CRZ RADIUS (FT)
TR 220	12.6, 6.6	PS	PRUNUS SEROTINA	BLACK CHERRY	GOOD	MULTISTEM	19
TR 221	23.1	AR	ACER RUBRUM	RED MAPLE	GOOD		35
TR 222	9.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		15
TR 223	26.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	LEANING, VNES	40
TR 224 (TBR)	24.3	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	POOR	BROKEN TOP	36
TR 225	28.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		43
TR 226 (TBR)	15.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	23
TR 227 (TBR)	24.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	LEANING	37
TR 228 (TBR)	32.7	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		49
TR 229	11.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	LEANING, ROTTEN BASE	17
TR 230	21.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	32
TR 231 (TBR)	28.9	AR	ACER RUBRUM	RED MAPLE	FAIR	LEANING, CAVITY	43
TR 232 (TBR)	23.1	AR	ACER RUBRUM	RED MAPLE	POOR	DEAD	35
TR 233 (TBR)	21.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		32
TR 234 (TBR)	8.8	AR	ACER RUBRUM	RED MAPLE	GOOD		13
TR 235	24.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	37
TR 236 (TBR)	12.2	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		18
TR 237	18.3	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		27
TR 238	9.8	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		15
TR 239 (TBR)	8.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	TRUNK DAMAGE	12
TR 240	14.7	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	VNES	22
TR 241 (TBR)	6.4	AR	ACER RUBRUM	RED MAPLE	FAIR	TRUNK DAMAGE	10
TR 242	10.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	POOR	VNES	16
TR 243	31.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	BROKEN BRANCHES	47
TR 244	9.7	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		15
TR 245	29.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		44
TR 246	7.5	RP	ROBINIA PSEUDOACACIA	BLACK LOCUST	FAIR	LEANING, TRUNK DAMAGE	11
TR 247	9.3	RP	ROBINIA PSEUDOACACIA	BLACK LOCUST	FAIR	LEANING	14
TR 248	30.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		46
TR 249	11.4	RP	ROBINIA PSEUDOACACIA	BLACK LOCUST	FAIR	VNES	17
TR 250	10.5	FRUNUS SP.	----	----	GOOD		16
TR 251 (TBR)	9.7	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	FAIR	LEANING	15
TR 252	15.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		23
TR 253	8.2	AR	ACER RUBRUM	RED MAPLE	FAIR	LEANING, BROKEN BRANCHES	12
TR 254	30.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		45
TR 255	32.4	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		49
TR 256	24.9	AR	ACER RUBRUM	RED MAPLE	GOOD		37
TR 257	9.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		14
TR 258	28.7	QR	QUERCUS RUBRA	NORTHERN RED OAK	GOOD		43
TR 259	15.9	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	GOOD		24
TR 260	7.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		11
TR 261	7.8	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		12
TR 262	9.2	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		14
TR 263	17.1	AR	ACER RUBRUM	RED MAPLE	GOOD		26
TR 264	30.9	PST	PINUS STROBUS	EASTERN WHITE PINE	GOOD		46
TR 265	8.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		13
TR 266	19.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		29
TR 267	36.8	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	BROKEN BRANCHES	55
TR 268	15.0	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	23
TR 269	12.3	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		18
TR 270	16.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		25
TR 271	13.4	AA	ALANTHUS ALTISSIMA	TREE OF HEAVEN	FAIR	TRUNK DAMAGE	20
TR 272	25.1	QPA	QUERCUS PALUSTRIS	PIN OAK	GOOD		38
TR 273	21.8	QPA	QUERCUS PALUSTRIS	PIN OAK	GOOD		33
TR 274 (TBR)	24.6	QPA	QUERCUS PALUSTRIS	PIN OAK	POOR	MANY DEAD BRANCHES	37
TR 275	26.2	QPA	QUERCUS PALUSTRIS	PIN OAK	FAIR	BROKEN BRANCHES	39
TR 276 (TBR)	19.8	RP	ROBINIA PSEUDOACACIA	BLACK LOCUST	FAIR	LEANING, VNES	30
TR 277 (TBR)	14.7	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	VNES	22
TR 278 (TBR)	10.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	VNES	15
TR 279 (TBR)	13.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	VNES	20
TR 280 (TBR)	9.3	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	POOR	OTHER TREE LEANING ON IT, VNES	14
TR 281 (TBR)	17.2	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	26
TR 282	14.5	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	22
TR 283	23.2	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	35
TR 284	11.7	AR	ACER RUBRUM	RED MAPLE	FAIR	EXPOSED ROOTS, LEANING	18
TR 285 (TBR)	23.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	VNES	35
TR 286 (TBR)	7.0	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	11
TR 287 (TBR)	18.5	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	28

TREE NO.	DBH (IN)	ABBR.	LATIN NAME	COMMON NAME	COND.	NOTES	CRZ RADIUS (FT)
TR 288 (TBR)	15.2	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	FAIR	BROKEN BRANCHES	23
TR 289 (TBR)	6.8	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	CAVITY	10
TR 290 (TBR)	19.0, 15.4	PS	PRUNUS SEROTINA	BLACK CHERRY	FAIR	VNES, MULTISTEM	29
TR 291	7.4	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		11
TR 292 (TBR)	19.6	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	29
TR 293 (TBR)	23.4	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES, BROKEN LEADER	35
TR 294 (TBR)	15.8	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES, BROKEN LEADER	24
TR 295	31.5, 28.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD	MULTISTEM	47
TR 297	15.9	AR	ACER RUBRUM	RED MAPLE	GOOD		24
TR 298	38.5	AR	ACER RUBRUM	RED MAPLE	GOOD		58
TR 299	24.0	AR	ACER RUBRUM	RED MAPLE	GOOD		36
TR 300	26.5	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	40
TR 301	31.7	AR	ACER RUBRUM	RED MAPLE	GOOD		48
TR 302	35.1	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		53
TR 303	12.3	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	18
TR 304	13.9	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	GOOD		21
TR 305	16.5	PST	PINUS STROBUS	EASTERN WHITE PINE	FAIR	VNES	25
TR 306	15.4	AR	ACER RUBRUM	RED MAPLE	GOOD		23
TR 307	20.4	AR	ACER RUBRUM	RED MAPLE	FAIR	BROKEN BRANCHES	31
TR 308	28.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		43
TR 309	18.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	28
TR 310	13.3	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	20
TR 311	26.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	40
TR 312	23.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	35
TR 313	14.5	AR	ACER RUBRUM	RED MAPLE	FAIR	LEANING, BROKEN BRANCHES	22
TR 314	36.3	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	54
TR 315	21.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		32
TR 316	8.2	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		12
TR 317	26.7	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	CAVITY	40
TR 318	11.5	AR	ACER RUBRUM	RED MAPLE	GOOD		17
TR 319	21.7	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	GOOD		33
TR 320	24.7	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		37
TR 321 (TBR)	11.4	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	BROKEN BRANCHES	17
TR 322	14.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	21
TR 323 (TBR)	11.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		17
TR 324 (TBR)	6.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	TRUNK DAMAGE	10
TR 325	23.4	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		35
TR 326	7.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		11
TR 327 (TBR)	10.4, 9.9, 8.4	AR	ACER RUBRUM	RED MAPLE	POOR	EXPOSED ROOTS, TRUNK DAMAGE, VNES, MULTISTEM	16
TR 328 (TBR)	12.4	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		19
TR 329	10.8	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		16
TR 330 (TBR)	26.2	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	EXPOSED ROOTS	39
TR 331	19.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		29
TR 332	8.6	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	13
TR 333	22.3	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	VNES, MULTISTEM ABOVE 4.5FT, SHARED BASE WITH TR334	33
TR 334	9.2	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	VNES, SHARED BASE WITH TR333	14
TR 335	12.3	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	FAIR	BROKEN BRANCHES	18
TR 336	22.4	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		34
TR 337	10.4	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	VNES	16
TR 338	7.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	BROKEN TOP	11
TR 339	17.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	FAIR	LEANING	26
TR 340	6.8	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		10
TR 341	8.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		12
TR 342	10.3	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	GOOD		15
TR 343	15.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		23
TR 344	30.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		46
TR 345	10.3	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	GOOD		15
TR 346	12.2	AR	ACER RUBRUM	RED MAPLE	GOOD		18
TR 347	30.6, 28.3	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD	MULTISTEM	46
TR 348	8.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		13
TR 349	13.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		21
TR 350	9.8	AR	ACER RUBRUM	RED MAPLE	GOOD		15
TR 351	15.0	AR	ACER RUBRUM	RED MAPLE	FAIR	BROKEN TOP	23
TR 352	16.5	AR	ACER RUBRUM	RED MAPLE	GOOD		25
TR 353	12.0	AR	ACER RUBRUM	RED MAPLE	GOOD		18
TR 354	16.0	AR	ACER RUBRUM	RED MAPLE	GOOD		24
TR 355	9.8	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	15
TR 356	14.4	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		22
TR 357 (TBR)	19.4	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	FAIR	LEANING	29
TR 358	26.7	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		40
TR 359	6.8	AR	ACER RUBRUM	RED MAPLE	GOOD		10

TREE NO.	DBH (IN)	ABBR.	LATIN NAME	COMMON NAME	COND.	NOTES	CRZ RADIUS (FT)
TR 360	6.8	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		10
TR 361	14.4	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		22
TR 362	9.2	AR	ACER RUBRUM	RED MAPLE	GOOD		14
TR 363	17.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	POOR	BROKEN TOP	26
TR 364	20.5	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		31
TR 365	8.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		12
TR 366	21.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		33
TR 367	21.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		32
TR 368	8.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		12
TR 369	8.6	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		13
TR 370	8.0	AR	ACER RUBRUM	RED MAPLE	GOOD		12
TR 371	24.0	AR	ACER RUBRUM	RED MAPLE	FAIR	BROKEN BRANCHES	36
TR 372	27.2	PO	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	GOOD		41
TR 373	15.0	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		23
TR 374	20.2	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		30
TR 375	8.1	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		12
TR 376	12.9	LT	LIRIODENDRON TULIPIFERA	TULIP POPLAR	GOOD		19
TR 377	17.2	FG	FAGUS GRANDIFOLIA	AMERICAN BEECH	GOOD		26
TR 379	7.8	AR	ACER RUBRUM	RED MAPLE	FAIR	VNES	12
TR 380	9.0, 4.1	FG	FAGUS GRANDIFOLIA	AMERICAN BEECH	GOOD	MULTISTEM	14
TR 381	25.6	AR	ACER RUBRUM	RED MAPLE	GOOD		38
TR 382	24.0	FG	FAGUS GRANDIFOLIA	AMERICAN BEECH	GOOD		36
TR 383							







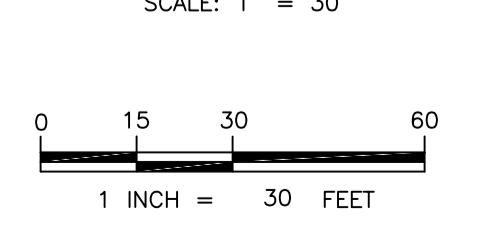


**SEDIMENT CONTROL LEGEND**

PR. LIMIT OF DISTURBANCE (LOD)	LOD	PR. DOWATERING PUMP	P
PR. SUPER SILT FENCE (SSF)	SSF	PR. PORTABLE SEDIMENT TANK	PST
PR. 18" FILTER LOG (FL-18)	FL-18	PR. SUMP PIT	SP
PR. TREE PROTECTION FENCE (TPF)	TPF	PR. MODIFIED DOWATERING DEVICE	
PR. STABILIZED CONSTRUCTION ENTRANCE		PR. DOWATERING PIPE/PUMPED CLEARWATER DIVERSION PIPE	
PR. CONSTRUCTION ACCESS ROAD		PR. SAND BAG DIKE	
		PR. STAGING & STOCKPILING AREA	

PR. TEMP. MAJOR CONTOUR	-245-
PR. TEMP. MINOR CONTOUR	-246-
PR. UTILITY PROTECTION	
EX. CRITICAL ROOT ZONE FOR TREE >24"DBH	
>25% STEEP SLOPES	
15-25% STEEP SLOPES	

**EROSION & SEDIMENT CONTROL PLAN**



**SUMMARY OF ESC QUANTITIES**

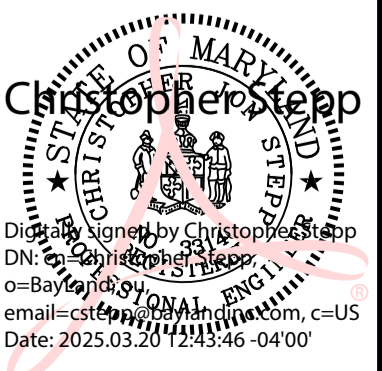
STABILIZED CONSTRUCTION ENTRANCE:	1	EA
CONSTRUCTION ACCESS ROAD:	1,500	LF
MOUNTABLE BERM:	1	EA
TREE PROTECTION FENCE:	3,000	LF
SUPER SILT FENCE:	500	LF
18" FILTER LOG:	1,100	LF
SUMP PIT:	1	EA
PORTABLE SEDIMENT TANK:	1	EA
DOWATERING PUMP:	2	EA
DOWATERING PIPE:	145	LF
PUMPED CLEARWATER DIVERSION PIPE:	360	LF
SANDBAG DIKE:	30	LF
MODIFIED DOWATERING DEVICE:	1	EA

NOTE: THIS SUMMARY IS NOT INTENDED TO BE USED BY THE CONTRACTOR FOR ESTIMATING AND BIDDING PURPOSES. ALL TREES WITHIN LOD SHALL BE PROTECTED UNLESS OTHERWISE NOTED ON PLANS.

THE PROPOSED CONSTRUCTION WILL NOT AFFECT THE ROUTING OF THE 100-YEAR STORM OR 100-YEAR WATER SURFACE ELEVATIONS.

**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. 33146, EXPIRATION DATE: 01/14/2027.



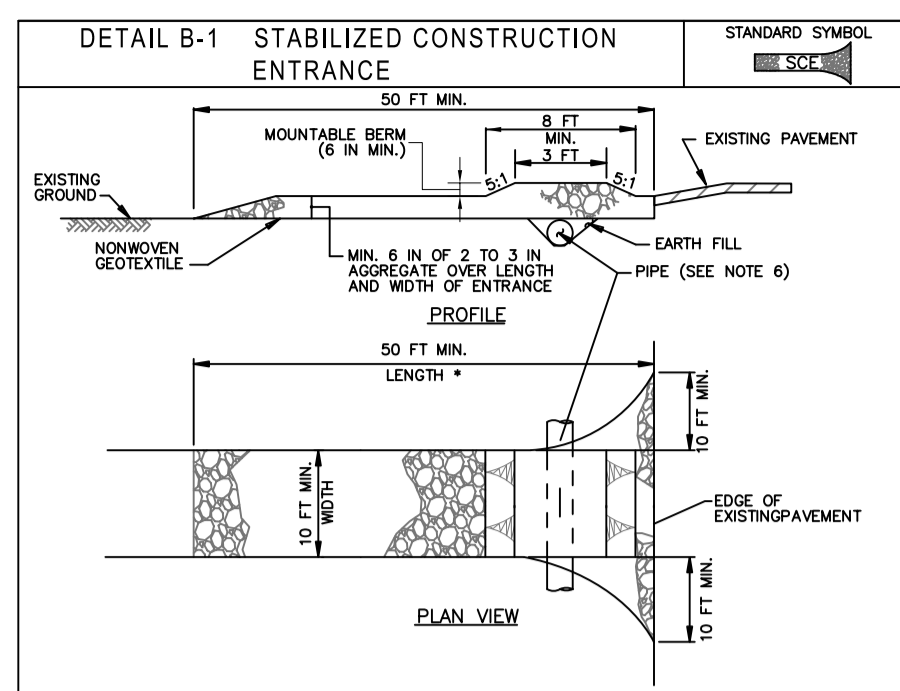
REVISIONS

NO.	DATE	DESCRIPTION

DESIGNED BY:	DATE:	3/20/2025
DRAWN BY:	TASK ORDER NO.:	R18-04
CHECKED BY:	CONTRACT NO.:	
SUBMITTED BY:	FILE NUMBER:	SC0010
SCALE:	FILE DATE:	3/20/2025
SIZE:	FILE NAME:	PLAN_250128993_001.dwg

DUMONT OAKS FOND MAINTENANCE DREDGING  
 DEP ASSET #10664 PARCEL 36  
 13TH ELECTION DISTRICT  
 MONTGOMERY COUNTY, MARYLAND

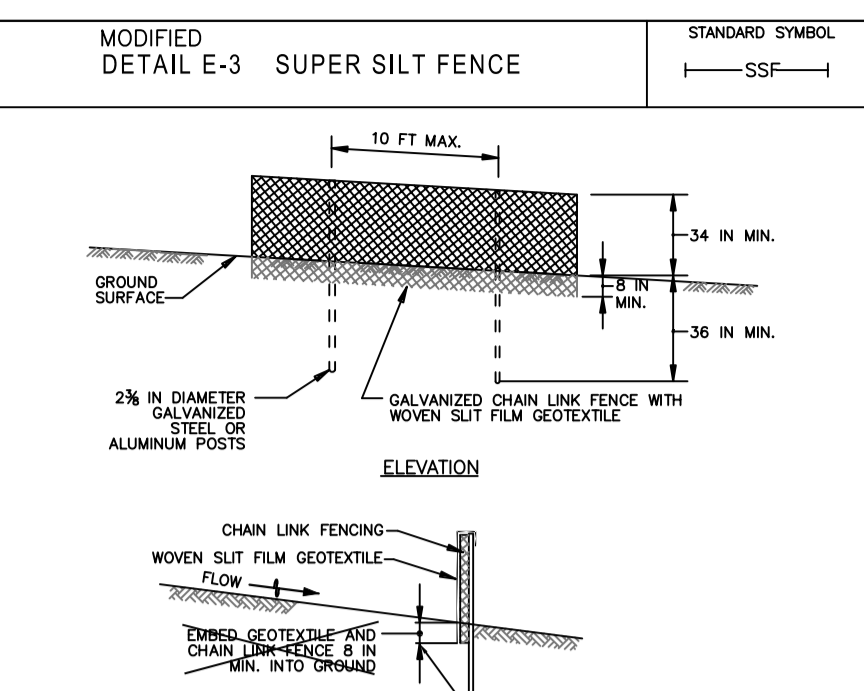
**EROSION & SEDIMENT CONTROL PLAN**



**CONSTRUCTION SPECIFICATIONS**

- PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE DRIVE LENGTH OF THE SCE. USE MINIMUM LENGTH OF 50 FEET (30 FEET FOR SINGLE RESIDENCE LOTS). USE MINIMUM WIDTH OF 10 FEET. FLARE SIDE TO 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 6 INCHES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. PROTECT 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 ON ADJACENT ROADWAY BY VACUUMING, SCRAPING, AND/OR SWEEPING. WASHING ROADWAY TO REMOVE MUD TRACKS AND TREATMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

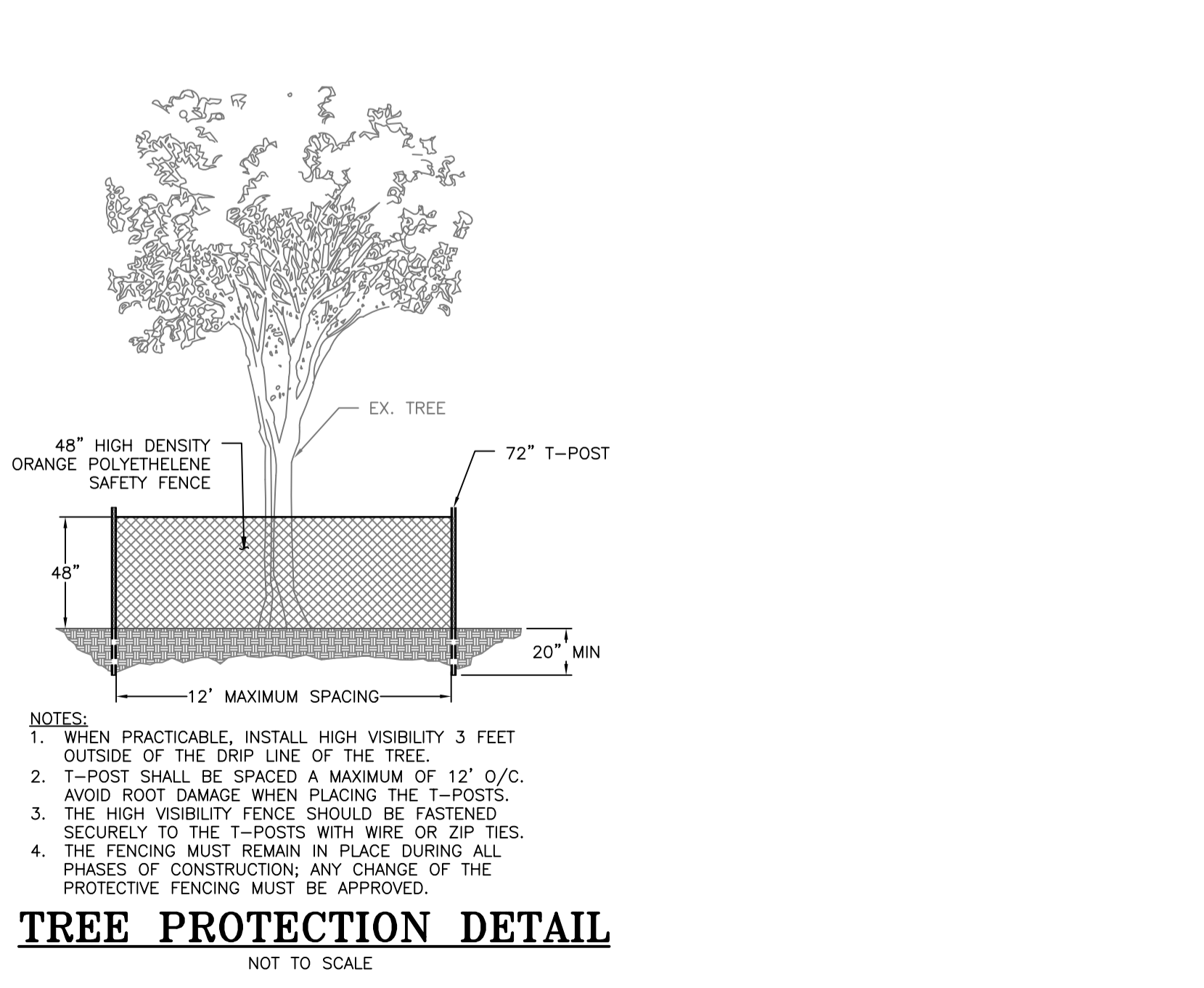
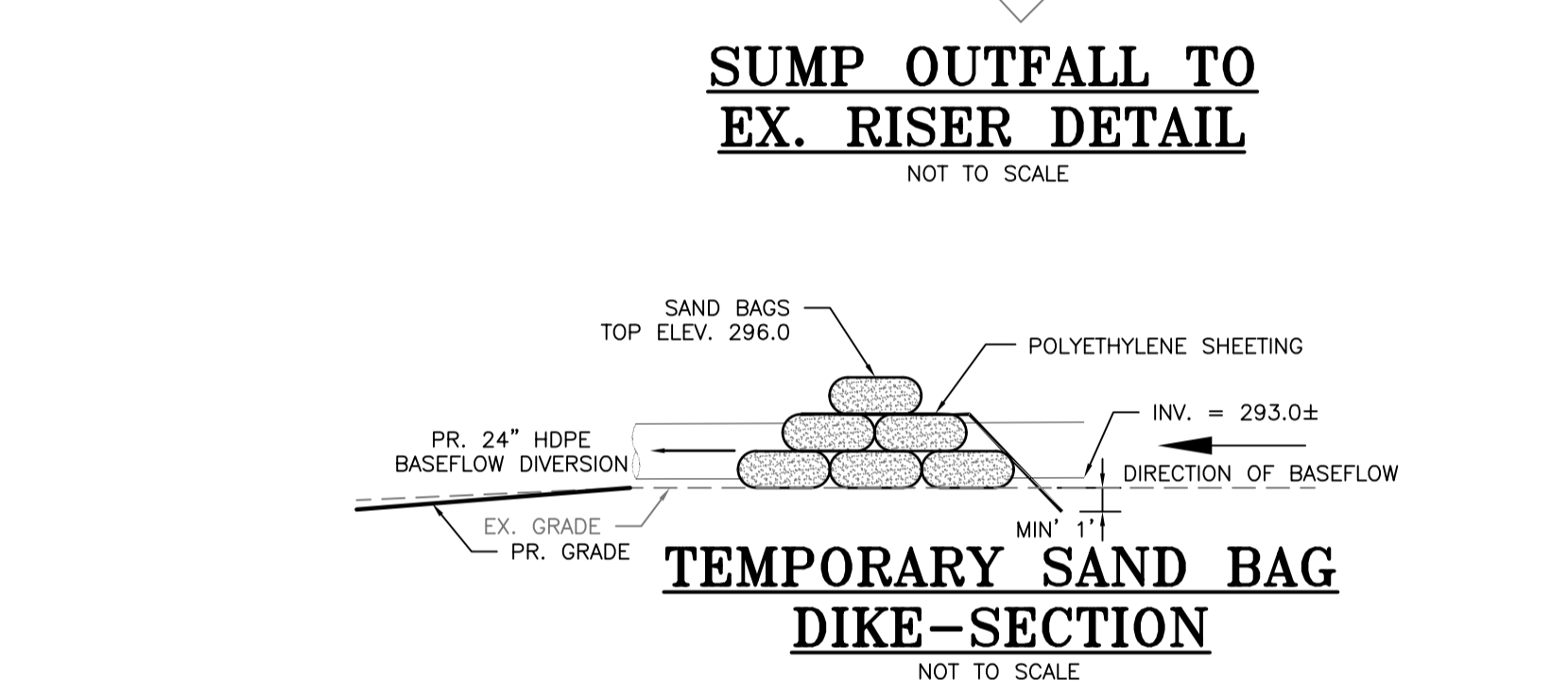
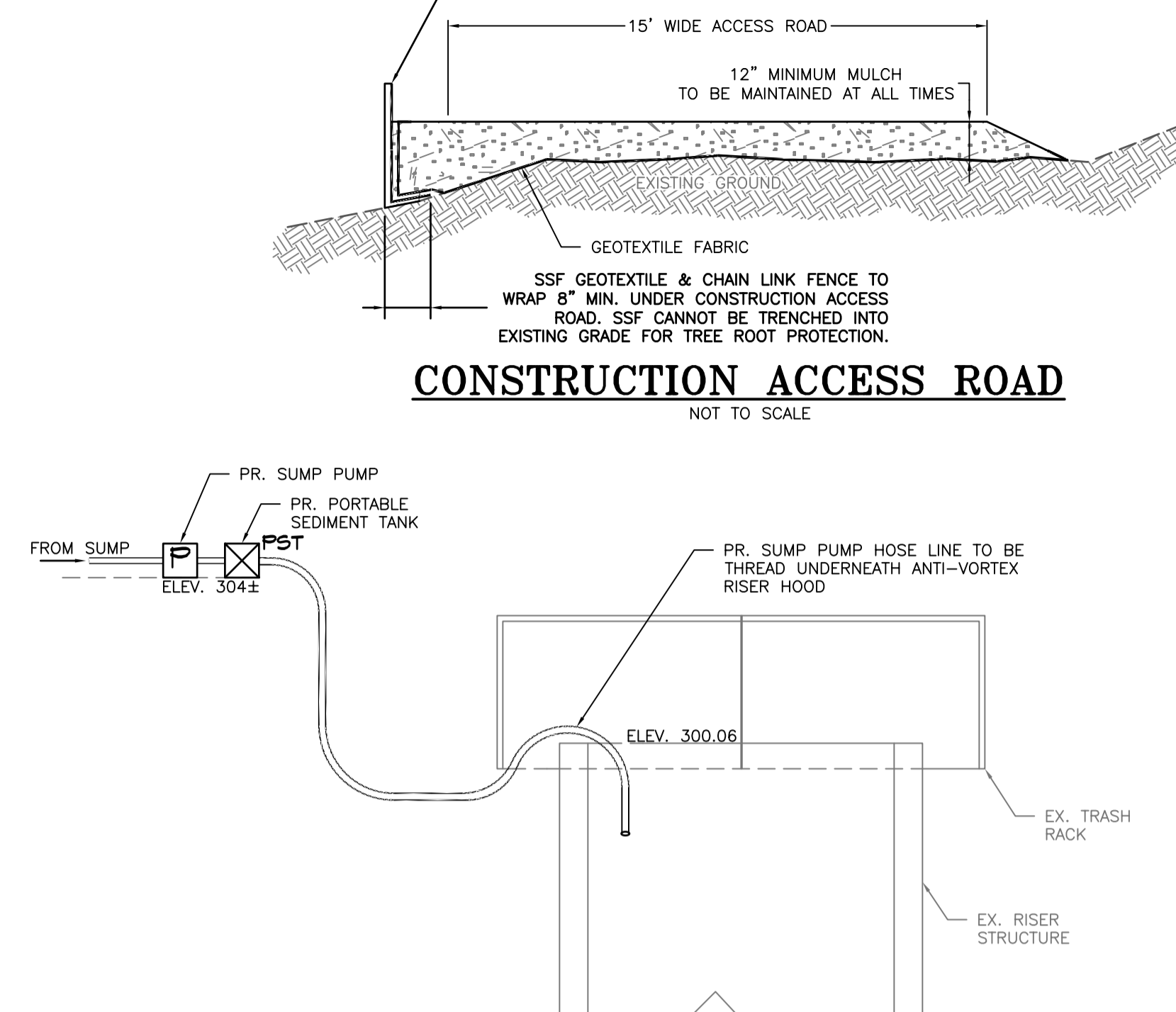
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL	
U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE	2011
MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION	



**CONSTRUCTION SPECIFICATIONS**

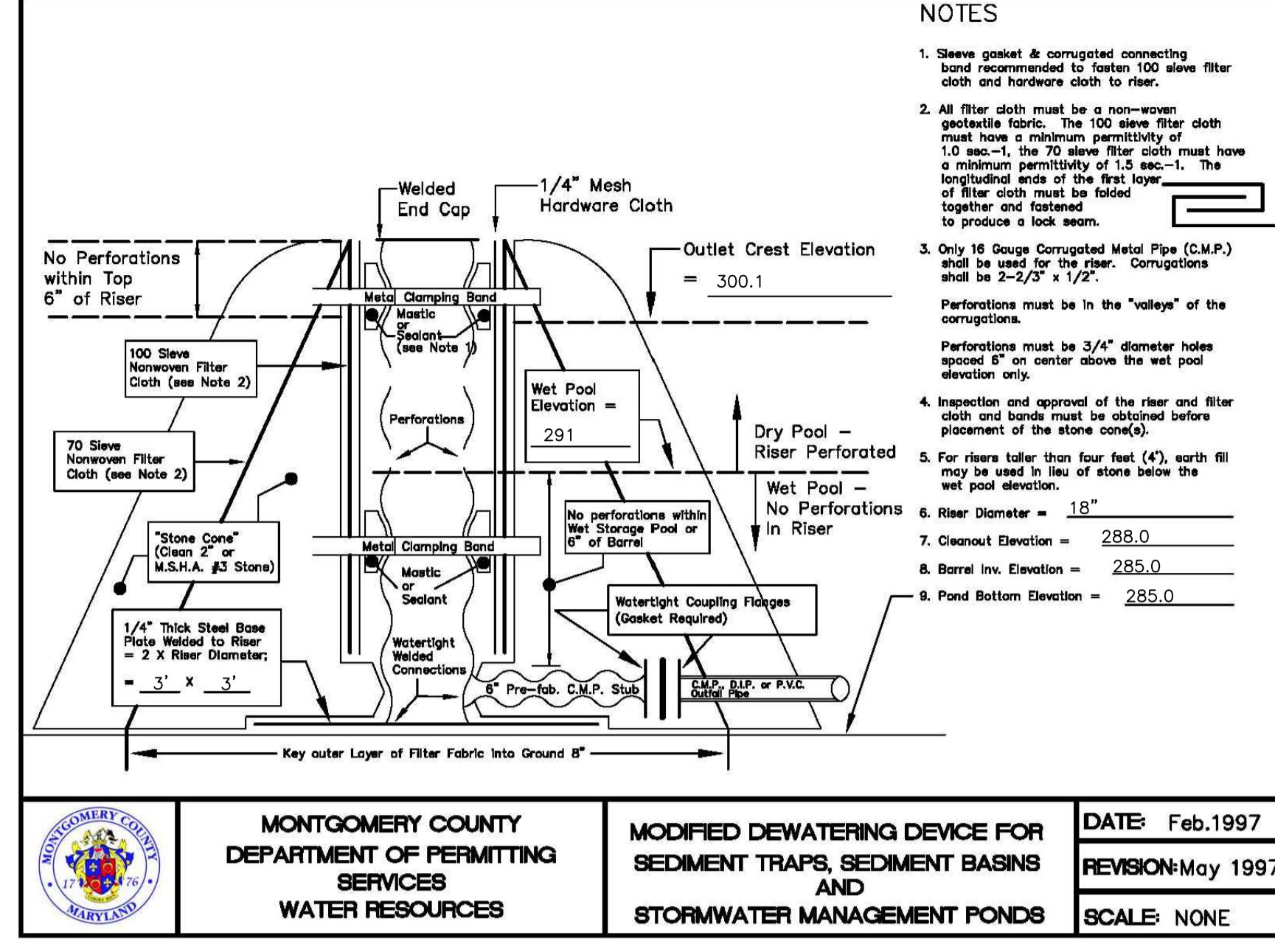
- INSTALL 2x4 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH SPACED FURTHER THAN 10 FEET APART. DRIVE THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
- FASTEN 8 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (26 INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HARD RINGS.
- FASTEN NONWOVEN SILT FILM GEOTEXTILE AS SPECIFIED IN SECTION H-1 MATERIALS, SECURELY TO THE UPSIDE 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, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS.
- 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 TOP 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	



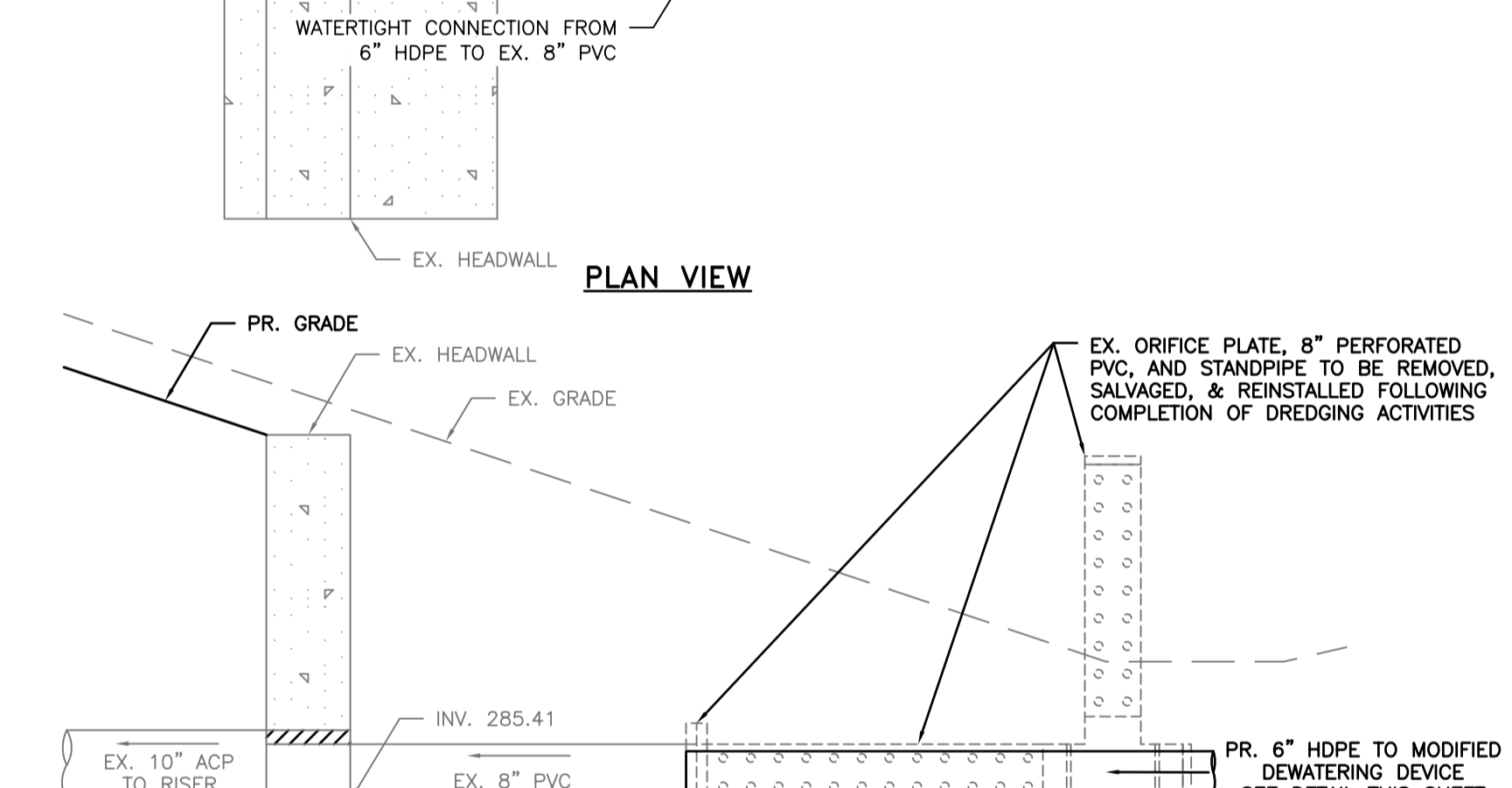
**NOTES:**

- WHEN PRACTICABLE, INSTALL HIGH VISIBILITY 3 FEET OUTSIDE OF THE DRIP LINE OF THE TREE.
- T-POST SHALL BE SPACED A MAXIMUM OF 12' O/C. AVOID ROOT DAMAGE WHEN PLACING THE T-POSTS.
- THE HIGH VISIBILITY FENCE SHOULD BE FASTENED SECURELY TO THE T-POSTS WITH WIRE OR ZIP TIES.
- THE FENCING MUST REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION; ANY CHANGE OF THE PROTECTIVE FENCING MUST BE APPROVED.



**NOTES**

- Sleeve gasket & corrugated connecting band recommended to fasten 100 sieve filter cloth and hardware cloth to riser.
- All filter cloth must be a non-woven geotextile fabric. The 100 sieve filter cloth must have a minimum permeability of 1.5 sec-1. The 70 sieve filter cloth must have a minimum permeability of 1.5 sec-1. The longitudinal ends of the filter cloth must be folded together and fastened to produce a leak seal.
- Only 16 Gauge Corrugated Metal Pipe (C.M.P.) shall be used for the riser. Corrugations shall be 2-1/2" x 1/2".
- Perforations must be in the "valleys" of the corrugations. Perforations must be 3/4" diameter holes spaced 8" on center above the wet pool elevation only.
- Inspection and approval of the riser and filter cloth and bands must be obtained before placement of the stone core(s).
- For risers taller than four feet (4'), earth fill may be used in lieu of stone below the wet pool elevation.
- Riser Diameter = 18"
- Crest Elevation = 288.0
- Barrel Inv. Elevation = 285.0
- Pond Bottom Elevation = 285.0



**DEWATERING DEVICE CONNECTION DETAIL**  
 SCALE: 1" = 2'



**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. 33146, EXPIRATION DATE: 01/14/2027.

**Christopher Stepp**  
 PROFESSIONAL ENGINEER  
 License No. 33146  
 Exp. Date: 01/14/2027

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
 MONTGOMERY COUNTY - MARYLAND

**DESIGNED BY:** DP/CJS  
**DRAWN BY:** DP  
**DATE:** 3/20/2025  
**TASK ORDER NO.:** R18-04  
**CONTRACT NO.:**  
**FILE NUMBER:** SC0011  
**FILE NAME:** PLAN 1110.DWG  
**SCALE:** AS SHOWN  
**DATE:** 3/20/2025  
**PROJECT:** DUMONT OAKS FOND MAINTENANCE DREDGING  
**TAX MAP:** J051, PARCEL 96  
**13TH ELECTION DISTRICT**  
 MONTGOMERY COUNTY, MARYLAND

**EROSION & SEDIMENT CONTROL DETAILS**

**SHEET NO. 11 OF 15**  
**ESC-03**

**STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING, AND SOIL AMENDMENTS**

**STANDARDS AND SPECIFICATIONS FOR SEEDING AND MULCHING**

**MONTGOMERY COUNTY STANDARD EROSION AND SEDIMENT CONTROL NOTES**

**GENERAL CONSTRUCTION NOTES**

2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (B-4-2)

- A. SOIL PREPARATION
  - i. TEMPORARY STABILIZATION
    - a. SEEDBED PREPARATION CONSISTS OF LOOSENING SOIL TO A DEPTH OF 3 TO 5 INCHES BY MEANS OF SUITABLE AGRICULTURAL OR CONSTRUCTION EQUIPMENT, SUCH AS DISC HARROWS OR CHESEBROUGH FLOWS OR RIPPERS MOUNTED ON CONSTRUCTION EQUIPMENT. AFTER THE SOIL IS LOOSENEED, IT MUST NOT BE ROLLED OR DRAGGED SMOOTH BUT LEFT IN THE ROUGHENED CONDITION. SLOPES 3:1 OR FLATTER ARE TO BE TRACKED WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE.
    - b. APPLY FERTILIZER AND LIME AS PRESCRIBED ON THE PLANS.
    - c. INCORPORATE LIME AND FERTILIZER INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS.
  - ii. PERMANENT STABILIZATION
    - a. A SOIL TEST IS REQUIRED FOR ANY EARTH DISTURBANCE OF 5 ACRES OR MORE. THE MINIMUM SOIL CONDITIONS REQUIRED FOR PERMANENT VEGETATIVE ESTABLISHMENT ARE:
      - i. SOIL PH BETWEEN 6.0 AND 7.0.
      - ii. SOLUBLE SALTS LESS THAN 500 PARTS PER MILLION (PPM).
      - iii. SOIL CONTAINS LESS THAN 40 PERCENT CLAY BUT ENOUGH FINE GRAINED MATERIAL (GREATER THAN 30 PERCENT SILT PLUS CLAY) TO PROVIDE THE CAPACITY TO HOLD A MODERATE AMOUNT OF MOISTURE. AN EXCEPTION: IF LOW-GRASS WILL BE PLANTED, THEN A SANDY SOIL (LESS THAN 30 PERCENT SILT PLUS CLAY) WOULD BE ACCEPTABLE.
      - iv. SOIL CONTAINS 1.5 PERCENT MINIMUM ORGANIC MATTER BY WEIGHT.
      - v. SOIL CONTAINS SUFFICIENT PORE SPACE TO PERMIT ADEQUATE ROOT PENETRATION.
    - b. APPLICATION OF AMENDMENTS OR TOPSOIL IS REQUIRED IF ON-SITE SOILS DO NOT MEET THE ABOVE CONDITIONS.
    - c. GRADED AREAS MUST BE MAINTAINED IN A TRUE AND EVEN GRADE AS SPECIFIED ON THE APPROVED PLAN, THEN SCARIFIED OR OTHERWISE LOOSENEED TO A DEPTH OF 3 TO 5 INCHES.
    - d. APPLY SOIL AMENDMENTS AS SPECIFIED ON THE APPROVED PLAN OR AS INDICATED BY THE RESULTS OF A SOIL TEST.
    - e. MIX SOIL AMENDMENTS INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. RAKE LAWN AREAS TO SMOOTH THE SURFACE. REMOVE LARGE OBJECTS LIKE STONES OR LIMESTONE AND READY THE AREA FOR SEED APPLICATION. LOOSEN SURFACE SOIL BY DRAGGING WITH A HEAVY CHAIN OR OTHER EQUIPMENT TO ROUGHEN THE SURFACE WHERE SITE CONDITIONS WILL NOT PERMIT NORMAL SEEDBED PREPARATION. TRACK SLOPES 3:1 OR FLATTER WITH TRACKED EQUIPMENT LEAVING THE SOIL IN AN IRREGULAR CONDITION WITH RIDGES RUNNING PARALLEL TO THE CONTOUR OF THE SLOPE. LEAVE THE TOP 1 TO 3 INCHES OF SOIL LOOSE AND FRABLE. SEEDBED LOOSENING MAY BE UNNECESSARY ON NEWLY DISTURBED AREAS.

- B. TOPSOILING
  - i. TOPSOIL IS PLACED OVER PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION. THE PURPOSE IS TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.
  - ii. TOPSOIL SALVAGED FROM AN EXISTING SITE MAY BE USED PROVIDED IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-NRCS.
  - iii. TOPSOILING IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
    - a. THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
    - b. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
    - c. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
    - d. THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.
  - iv. AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN.
  - v. TOPSOIL SPECIFICATIONS: SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING CRITERIA:
    - a. TOPSOIL MUST BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, OR LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE AUTHORITY. TOPSOIL MUST NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND MUST CONTAIN LESS THAN 5 PERCENT BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2 INCHES IN DIAMETER.
    - b. TOPSOIL MUST BE FREE OF NOXIOUS PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACK GRASS, JOHNSON GRASS, NUT SEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
    - c. TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.

- C. SOIL AMENDMENTS (FERTILIZER AND LIME SPECIFICATIONS)
  - i. SOIL TESTS MUST BE PERFORMED TO DETERMINE THE EXACT RATIOS AND APPLICATION RATES FOR BOTH LIME AND FERTILIZER ON SITES HAVING DISTURBED AREAS OF 5 ACRES OR MORE. ANALYSIS MAY BE PERFORMED BY A RECOGNIZED PRIVATE OR COMMERCIAL LABORATORY. SOIL SAMPLES TAKEN FOR ENGINEERING PURPOSES MAY ALSO BE USED FOR CHEMICAL ANALYSES.
  - ii. FERTILIZERS MUST BE UNIFORM IN COMPOSITION, FREE FLOWING AND SUITABLE FOR ACCURATE APPLICATION BY APPROPRIATE EQUIPMENT. MANURE MAY BE SUBSTITUTED FOR FERTILIZER WITH PRIOR APPROVAL FROM THE APPROPRIATE APPROVAL AUTHORITY. FERTILIZERS MUST ALL BE DELIVERED TO THE SITE FULLY LABELED ACCORDING TO THE APPLICABLE LAWS AND MUST BEAR THE NAME, TRADE NAME OR TRADEMARK AND WARRANTY OF THE PRODUCER.
  - iii. LIME MATERIALS MUST BE GROUND LIMESTONE (HYDRATED OR BURNED LIME MAY BE SUBSTITUTED EXCEPT WHEN HYDROSEEDING) WHICH CONTAINS AT LEAST 50 PERCENT TOTAL OXIDES (CALCIUM OXIDE PLUS MAGNESIUM OXIDE). LIMESTONE MUST BE GROUND TO SUCH FINENESS THAT AT LEAST 50 PERCENT WILL PASS THROUGH A #100 MESH SIEVE AND 98 TO 100 PERCENT WILL PASS THROUGH A #20 MESH SIEVE.
  - iv. LIME AND FERTILIZER ARE TO BE EVENLY DISTRIBUTED AND INCORPORATED INTO THE TOP 3 TO 5 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS.
  - v. WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, SPREAD GROUND LIMESTONE AT THE RATE OF 4 TO 8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL.

- A. SEEDING
  - i. SPECIFICATIONS
    - a. ALL SEED MUST MEET THE REQUIREMENTS OF THE MARYLAND STATE SEED LAW. ALL SEED MUST BE SUBJECT TO RE-TESTING BY A RECOGNIZED SEED LABORATORY. ALL SEED USED MUST HAVE BEEN TESTED WITHIN THE 6 MONTHS IMMEDIATELY PRECEDING THE DATE OF SOWING SUCH MATERIAL ON ANY PROJECT. REFER TO TABLE B-4 REGARDING THE QUALITY OF SEED. SEED TAGS MUST BE AVAILABLE UPON REQUEST TO THE INSPECTOR TO VERIFY TYPE OF SEED AND SEEDING RATE.
    - b. MULCH ALONE MAY BE APPLIED BETWEEN THE FALL AND SPRING SEEDING DATES ONLY IF THE GROUND IS FROZEN. THE APPROPRIATE SEEDING MIXTURE MUST BE APPLIED WHEN THE GROUND THAWS.
    - c. INOCULANTS: THE INOCULANT FOR TREATING LEGUME SEED IN THE SEED MIXTURES MUST BE A PURE CULTURE OF NITROGEN FIXING BACTERIA PREPARED SPECIFICALLY FOR THE SPECIES. INOCULANTS MUST NOT BE USED LATER THAN THE DATE INDICATED ON THE CONTAINER. ADD FRESH INOCULANTS AS DIRECTED ON THE PACKAGE. ABOVE FOUR TIMES THE RECOMMENDED RATE WHEN HYDROSEEDING. NOTE: IT IS VERY IMPORTANT TO KEEP INOCULANT AS COOL AS POSSIBLE UNTIL USED. TEMPERATURES ABOVE 75 TO 80 DEGREES FAHRENHEIT CAN WEAKEN BACTERIA AND MAKE THE INOCULANT LESS EFFECTIVE.
    - d. SOD OR SEED MUST NOT BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.
  - ii. APPLICATION
    - a. DRY SEEDING: THIS INCLUDES USE OF CONVENTIONAL DROP OR BROADCAST SPREADERS.
      - i. INCORPORATE SEED INTO THE SUBSOIL AT THE RATES PRESCRIBED ON TEMPORARY SEEDING TABLE B.1, PERMANENT SEEDING TABLE B.3, OR SITE-SPECIFIC SEEDING SUMMARIES.
      - ii. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION. ROLL THE SEEDBED AREA WITH A WEIGHTED ROLLER TO PROVIDE GOOD SEED TO SOIL CONTACT.
    - b. DRILL OR CULTEPACKER SEEDING: MECHANIZED SEEDERS THAT APPLY AND COVER SEED WITH SOIL.
      - i. CULTEPACKING SEEDERS ARE REQUIRED TO BURY THE SEED IN SUCH A FASHION AS TO PROVIDE AT LEAST 1/4 INCH OF SOIL COVERING. SEEDBED MUST BE FIRM AFTER PLANTING.
      - ii. APPLY SEED IN TWO DIRECTIONS, PERPENDICULAR TO EACH OTHER. APPLY HALF THE SEEDING RATE IN EACH DIRECTION.
    - c. HYDROSEEDING: APPLY SEED UNIFORMLY WITH HYDROSEEDER (SLURRY INCLUDES SEED AND FERTILIZER).
      - i. IF FERTILIZER IS BEING APPLIED AT THE TIME OF SEEDING, THE APPLICATION RATES SHOULD NOT EXCEED THE FOLLOWING: NITROGEN, 100 POUNDS PER ACRE TOTAL OF SOLUBLE NITROGEN; P205 (PHOSPHOROUS), 200 POUNDS PER ACRE; K2O (POTASSIUM), 200 POUNDS PER ACRE.
      - ii. LIME: USE ONLY GROUND AGRICULTURAL LIMESTONE (UP TO 3 TONS PER ACRE MAY BE APPLIED BY HYDROSEEDING). NORMALLY, NOT MORE THAN 2 TONS ARE APPLIED BY HYDROSEEDING AT ANY ONE TIME. DO NOT USE BURNED OR HYDRATED LIME WHEN HYDROSEEDING.
      - iii. MIX SEED AND FERTILIZER ON SITE AND SEED IMMEDIATELY AND WITHOUT INTERRUPTION. WHEN HYDROSEEDING DO NOT INCORPORATE SEED INTO THE SOIL.

- B. MULCHING
  - i. MULCH MATERIALS (IN ORDER OF PREFERENCE)
    - a. STRAW CONSISTING OF THOROUGHLY THRESHED WHEAT, RYE, OAT, OR BARLEY AND REASONABLY BRIGHT IN COLOR. STRAW IS TO BE FREE OF NOXIOUS WEED SEEDS AS SPECIFIED IN THE MARYLAND SEED LAW AND NOT MUSTY, MOLDY, CAKED, DECAYED, OR EXCESSIVELY DUSTY. NOTE: USE ONLY STERILE STRAW MULCH IN AREAS WHERE ONE SPECIES OF GRASS IS DESIRED.
    - b. WOOD CELLULOSE FIBER MULCH (WCFM) CONSISTING OF SPECIALLY PREPARED WOOD CELLULOSE PROCESSED INTO A UNIFORM FIBROUS PHYSICAL STATE.
      - i. WCFM IS TO BE DYED GREEN OR CONTAIN A GREEN DYE IN THE PACKAGE THAT WILL PROVIDE AN APPROPRIATE COLOR TO FACILITATE VISUAL INSPECTION OF THE UNIFORM SPREAD SLURRY.
      - ii. WCFM, INCLUDING DYE, MUST CONTAIN NO GERMINATION OR GROWTH INHIBITING FACTORS.
      - iii. WCFM MATERIALS ARE TO BE MANUFACTURED AND PROCESSED IN SUCH A MANNER THAT THE WOOD CELLULOSE FIBER MULCH WILL REMAIN IN UNIFORM SUSPENSION IN WATER UNDER AGITATION AND WILL BLEND WITH SEED, FERTILIZER AND OTHER ADDITIVES TO FORM A HOMOGENEOUS SLURRY. THE MULCH MATERIAL MUST BE FREE OF A BLOTTER-LIKE GROUND COVER ON APPLICATION, HAVING MOISTURE ABSORPTION AND PERCOLATION PROPERTIES AND MUST COVER AND HOLD GRASS SEED IN CONTACT WITH THE SOIL WITHOUT INHIBITING THE GROWTH OF THE GRASS SEEDLINGS.
      - iv. WCFM MATERIAL MUST NOT CONTAIN ELEMENTS OR COMPOUNDS AT CONCENTRATION LEVELS THAT WILL BE PHYTO-TOXIC.
    - c. WCFM MUST CONFORM TO THE FOLLOWING PHYSICAL REQUIREMENTS: FIBER LENGTH OF APPROXIMATELY 10 MILLIMETERS; DIAMETER APPROXIMATELY 1 MILLIMETER; PH RANGE OF 4.0 TO 8.5, ASH CONTENT OF 1.6 PERCENT MAXIMUM AND WATER HOLDING CAPACITY OF 90 PERCENT MINIMUM.

- A. ANCHORING
  - i. PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS (LISTED BY PREFERENCE), DEPENDING UPON THE SIZE OF THE AREA AND EROSION HAZARD:
    - a. A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS, BUT IS LIMITED TO FLATTER SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, THIS PRACTICE SHOULD FOLLOW THE CONTOUR.
    - b. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY THE FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER AT A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.
    - c. SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-70, PETROSET, TERRA TAX II, TERRATAK AR OR OTHER APPROVED EQUAL MAY BE USED. FOLLOW APPLICATION RATES AS SPECIFIED BY THE MANUFACTURER. APPLICATION OF LIQUID BINDERS NEEDS TO BE HEAVIER AT THE EDGES WHERE WIND CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF ASPHALT BINDERS IS STRICTLY PROHIBITED.
    - d. LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG.

- A. ANCHORING (CONTINUED)
  - ii. PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS (LISTED BY PREFERENCE), DEPENDING UPON THE SIZE OF THE AREA AND EROSION HAZARD:
    - a. A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS, BUT IS LIMITED TO FLATTER SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, THIS PRACTICE SHOULD FOLLOW THE CONTOUR.
    - b. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY THE FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER AT A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.
    - c. SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-70, PETROSET, TERRA TAX II, TERRATAK AR OR OTHER APPROVED EQUAL MAY BE USED. FOLLOW APPLICATION RATES AS SPECIFIED BY THE MANUFACTURER. APPLICATION OF LIQUID BINDERS NEEDS TO BE HEAVIER AT THE EDGES WHERE WIND CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF ASPHALT BINDERS IS STRICTLY PROHIBITED.
    - d. LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG.

- A. ANCHORING (CONTINUED)
  - iii. PERFORM MULCH ANCHORING IMMEDIATELY FOLLOWING APPLICATION OF MULCH TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS (LISTED BY PREFERENCE), DEPENDING UPON THE SIZE OF THE AREA AND EROSION HAZARD:
    - a. A MULCH ANCHORING TOOL IS A TRACTOR DRAWN IMPLEMENT DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE A MINIMUM OF 2 INCHES. THIS PRACTICE IS MOST EFFECTIVE ON LARGE AREAS, BUT IS LIMITED TO FLATTER SLOPES WHERE EQUIPMENT CAN OPERATE SAFELY. IF USED ON SLOPING LAND, THIS PRACTICE SHOULD FOLLOW THE CONTOUR.
    - b. WOOD CELLULOSE FIBER MAY BE USED FOR ANCHORING STRAW. APPLY THE FIBER BINDER AT A NET DRY WEIGHT OF 750 POUNDS PER ACRE. MIX THE WOOD CELLULOSE FIBER WITH WATER AT A MAXIMUM OF 50 POUNDS OF WOOD CELLULOSE FIBER PER 100 GALLONS OF WATER.
    - c. SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AGRO-TACK), DCA-70, PETROSET, TERRA TAX II, TERRATAK AR OR OTHER APPROVED EQUAL MAY BE USED. FOLLOW APPLICATION RATES AS SPECIFIED BY THE MANUFACTURER. APPLICATION OF LIQUID BINDERS NEEDS TO BE HEAVIER AT THE EDGES WHERE WIND CATCHES MULCH, SUCH AS IN VALLEYS AND ON CRESTS OF BANKS. USE OF ASPHALT BINDERS IS STRICTLY PROHIBITED.
    - d. LIGHTWEIGHT PLASTIC NETTING MAY BE STAPLED OVER THE MULCH ACCORDING TO MANUFACTURER RECOMMENDATIONS. NETTING IS USUALLY AVAILABLE IN ROLLS 4 TO 15 FEET WIDE AND 300 TO 3,000 FEET LONG.

TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMPORARY	ANNUAL RYEGRASS	40	3/1 - 5/15 8/1 - 10/15	0.5"	AS NECESSARY BASED ON SOIL TEST RESULTS
TEMPORARY	WHEAT	120	3/1 - 5/15 8/1 - 10/15	1.0"	

PERMANENT SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (CUSTOM)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
N/A	NATIVE SWM SEED MIX COMPOSITION	25	3/1 - 5/15 8/1 - 10/15	1" - 1 1/2"	AS NECESSARY BASED ON SOIL TEST RESULTS

TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMPORARY	ANNUAL RYEGRASS	40	3/1 - 5/15 8/1 - 10/15	0.5"	AS NECESSARY BASED ON SOIL TEST RESULTS
TEMPORARY	WHEAT	120	3/1 - 5/15 8/1 - 10/15	1.0"	

PERMANENT SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (CUSTOM)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
N/A	NATIVE SWM SEED MIX COMPOSITION	25	3/1 - 5/15 8/1 - 10/15	1" - 1 1/2"	AS NECESSARY BASED ON SOIL TEST RESULTS

TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMPORARY	ANNUAL RYEGRASS	40	3/1 - 5/15 8/1 - 10/15	0.5"	AS NECESSARY BASED ON SOIL TEST RESULTS
TEMPORARY	WHEAT	120	3/1 - 5/15 8/1 - 10/15	1.0"	

PERMANENT SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (CUSTOM)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
N/A	NATIVE SWM SEED MIX COMPOSITION	25	3/1 - 5/15 8/1 - 10/15	1" - 1 1/2"	AS NECESSARY BASED ON SOIL TEST RESULTS

TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMPORARY	ANNUAL RYEGRASS	40	3/1 - 5/15 8/1 - 10/15	0.5"	AS NECESSARY BASED ON SOIL TEST RESULTS
TEMPORARY	WHEAT	120	3/1 - 5/15 8/1 - 10/15	1.0"	

PERMANENT SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (CUSTOM)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
N/A	NATIVE SWM SEED MIX COMPOSITION	25	3/1 - 5/15 8/1 - 10/15	1" - 1 1/2"	AS NECESSARY BASED ON SOIL TEST RESULTS

TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMPORARY	ANNUAL RYEGRASS	40	3/1 - 5/15 8/1 - 10/15	0.5"	AS NECESSARY BASED ON SOIL TEST RESULTS
TEMPORARY	WHEAT	120	3/1 - 5/15 8/1 - 10/15	1.0"	

PERMANENT SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (CUSTOM)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
N/A	NATIVE SWM SEED MIX COMPOSITION	25	3/1 - 5/15 8/1 - 10/15	1" - 1 1/2"	AS NECESSARY BASED ON SOIL TEST RESULTS

TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMPORARY	ANNUAL RYEGRASS	40	3/1 - 5/15 8/1 - 10/15	0.5"	AS NECESSARY BASED ON SOIL TEST RESULTS
TEMPORARY	WHEAT	120	3/1 - 5/15 8/1 - 10/15	1.0"	

PERMANENT SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (CUSTOM)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
N/A	NATIVE SWM SEED MIX COMPOSITION	25	3/1 - 5/15 8/1 - 10/15	1" - 1 1/2"	AS NECESSARY BASED ON SOIL TEST RESULTS

TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMPORARY	ANNUAL RYEGRASS	40	3/1 - 5/15 8/1 - 10/15	0.5"	AS NECESSARY BASED ON SOIL TEST RESULTS
TEMPORARY	WHEAT	120	3/1 - 5/15 8/1 - 10/15	1.0"	

PERMANENT SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (CUSTOM)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
N/A	NATIVE SWM SEED MIX COMPOSITION	25	3/1 - 5/15 8/1 - 10/15	1" - 1 1/2"	AS NECESSARY BASED ON SOIL TEST RESULTS

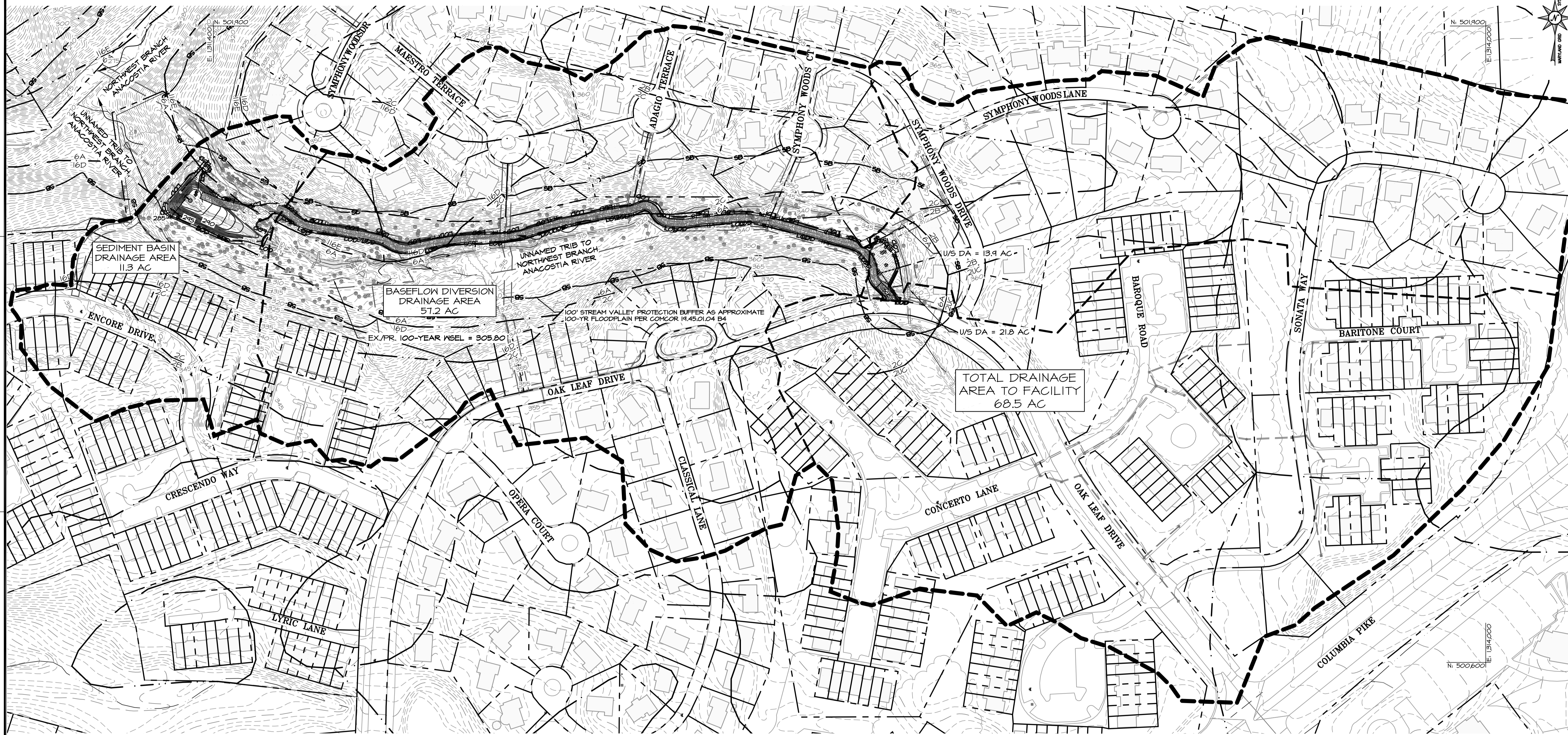
TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMPORARY	ANNUAL RYEGRASS	40	3/1 - 5/15 8/1 - 10/15	0.5"	AS NECESSARY BASED ON SOIL TEST RESULTS
TEMPORARY	WHEAT	120	3/1 - 5/15 8/1 - 10/15	1.0"	

PERMANENT SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (CUSTOM)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
N/A	NATIVE SWM SEED MIX COMPOSITION	25	3/1 - 5/15 8/1 - 10/15	1" - 1 1/2"	AS NECESSARY BASED ON SOIL TEST RESULTS

TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMPORARY	ANNUAL RYEGRASS	40	3/1 - 5/15 8/1 - 10/15	0.5"	AS NECESSARY BASED ON SOIL TEST RESULTS
TEMPORARY	WHEAT	120	3/1 - 5/15 8/1 - 10/15	1.0"	

PERMANENT SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (CUSTOM)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
N/A	NATIVE SWM SEED MIX COMPOSITION	25	3/1 - 5/15 8/1 - 10/15	1" - 1 1/2"	AS NECESSARY BASED ON SOIL TEST RESULTS

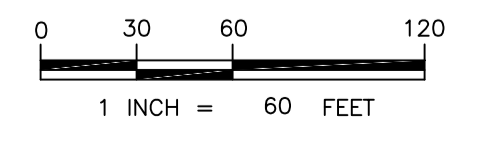
TEMPORARY SEEDING SUMMARY					
HARDNESS ZONE (FROM FIGURE B.3): 6b					
SEED MIXTURE (FROM TABLE B.1)					
NO.	SPECIES	APPLICATION RATE (lb/ac)	SEEDING DATES	SEEDING DEPTHS	FERTILIZER RATE (10-20-20)
TEMP					



THE PROPOSED CONSTRUCTION WILL NOT AFFECT THE ROUTING OF THE 100-YEAR STORM OR 100-YEAR WATER SURFACE ELEVATIONS.

**DRAINAGE AREA MAP**

SCALE: 1" = 100'



REVISIONS	MARK	DESCRIPTION	DATE	APPR.	DATE	APPR.

DESIGNED BY: DATE: 3/20/2025  
 DP/CJS TASK ORDER NO.: R18-04  
 DWN BY: CJD BY: CJD CONTRACT NO.:  
 SUBMITTED BY: CJS FILE NUMBER: SC0013  
 FILE NAME: 240501.DWG  
 ARCH D: 240501.DWG  
 WWW.BAYLAND.COM

DUMONT OAKS FOND MAINTENANCE DREDGING  
 DEP ASSET #10664  
 TAX MAP J051, PARCEL 36  
 13TH ELECTION DISTRICT  
 MONTGOMERY COUNTY, MARYLAND  
**DRAINAGE AREA MAP**

**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. 33146, EXPIRATION DATE: 01/14/2027.



SHEET NO. 13 OF 15  
 ESC-05



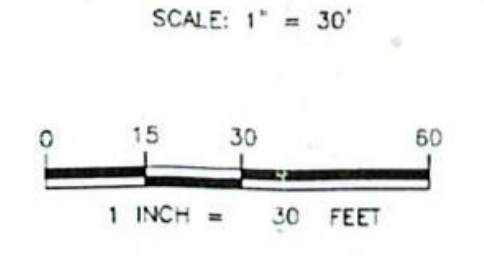
**IMPACT LEGEND**

- TEMPORARY INTERMITTENT STREAM IMPACT  
1,912 SF (195 LF)
- TEMPORARY NONTIDAL WETLAND IMPACT  
(USACE ONLY) 1,905 SF (0.04 AC)
- PERMANENT NONTIDAL WETLAND IMPACT  
(USACE ONLY) 544 SF (0.01 AC)



PLANS APPROVED BY: *[Signature]*  
 DATE: November 13, 2024  
 WATER AND SCIENCE ADMINISTRATION  
 WATERWAY CONSTRUCTION DIVISION  
 MARYLAND DEPARTMENT OF THE ENVIRONMENT

**IMPACT PLAN 1**



MATCHLINE IMPACT PLAN 28



REVISIONS	MARK	DESCRIPTION	DATE	APPR.

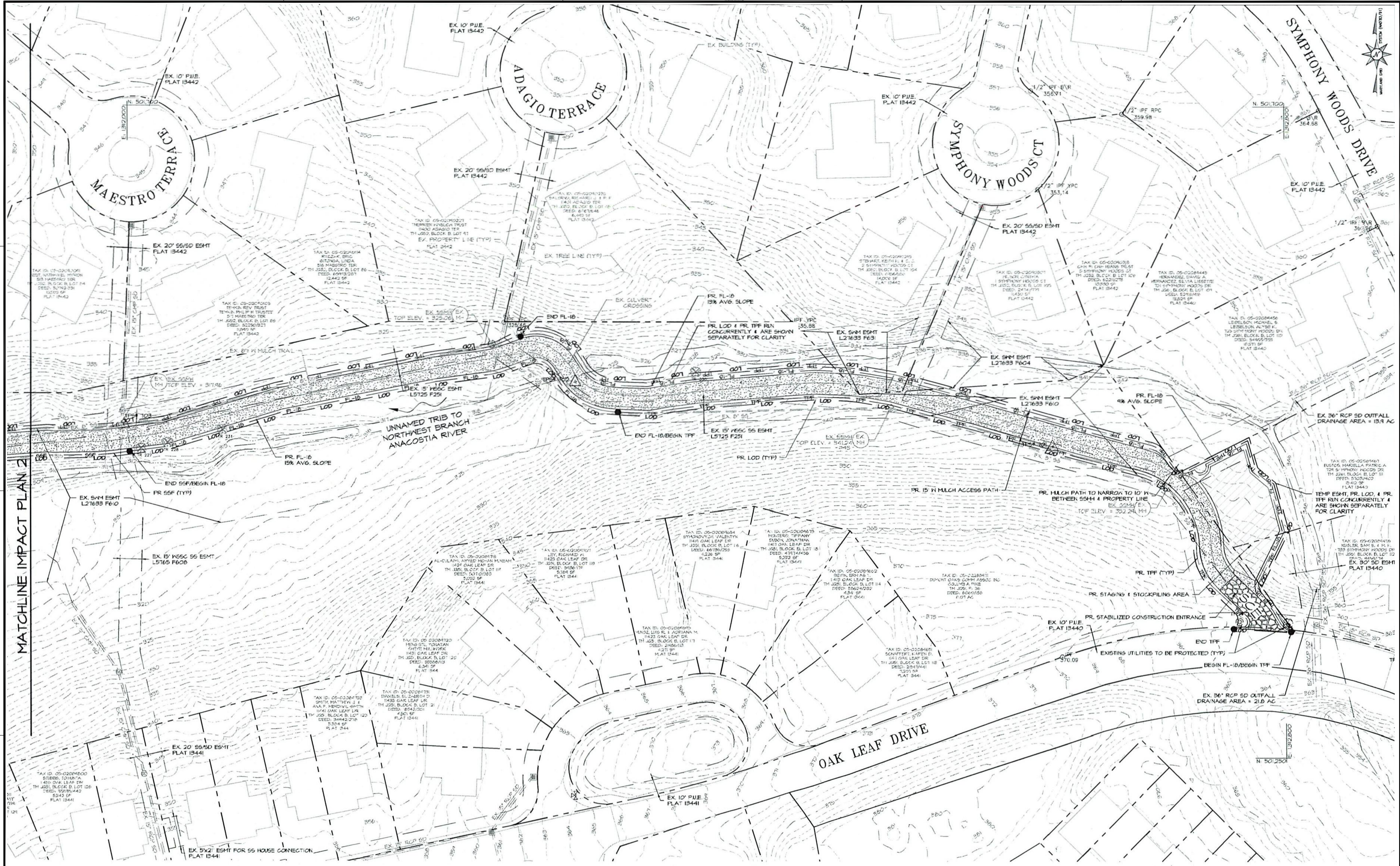
DESIGNED BY: DPC/CS	DATE: 3/20/2025
DRAWN BY: DP	TASK ORDER NO.: R18-04
SUBMITTED BY: CJS	CONTRACT NO.:
FILE NUMBER: SC0014	FILE NAME: PLAN 01.DWG
SCALE: AS SHOWN	DATE: 3/20/2025
PROJECT NO.:	PROJECT NAME:

DUMONT OAKS FOND MAINTENANCE DRESSING  
 DEP ASSET #10664 PARCEL 36  
 13TH ELECTION DISTRICT  
 MONTGOMERY COUNTY, MARYLAND

**MDE APPROVED IMPACT PLAN**

SHEET NO.  
14 OF 15

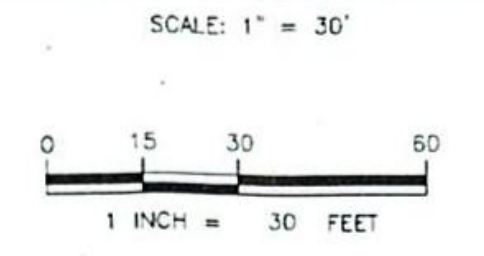
SP-03



**IMPACT LEGEND**

- TEMPORARY INTERMITTENT STREAM IMPACT  
(1.5' x 2' SF (195 L<sup>2</sup>))
- TEMPORARY NONTIDAL WETLAND IMPACT  
(USAGE ONLY) 1,905 SF. (0.04 AC)
- PERMANENT NONTIDAL WETLAND IMPACT  
(USAGE ONLY) 544 SF. (0.01 AC)

**IMPACT PLAN 2**



REVISIONS	DATE	APPR.	DESCRIPTION

DESIGNED BY: DP/CS	DATE: 3/20/2025
DRAWN BY: DP	TASK ORDER NO: R18-04
SUBMITTED BY: CJS	CONTRACT NO:
FILE NUMBER: SC0015	FILE DATE: 3/20/2025
FILE NAME: 250325.DWG	ARCH D:

MS. JBLA 151200 TTT 252  
 DUMONT OAKS FOND MAINTENANCE DREDGING  
 DEP ASSET #10694, PARCEL 36  
 13TH ELECTION DISTRICT  
 MONTGOMERY COUNTY, MARYLAND

**MDE APPROVED IMPACT PLAN**

SHEET NO.  
15 OF 15

SP-04