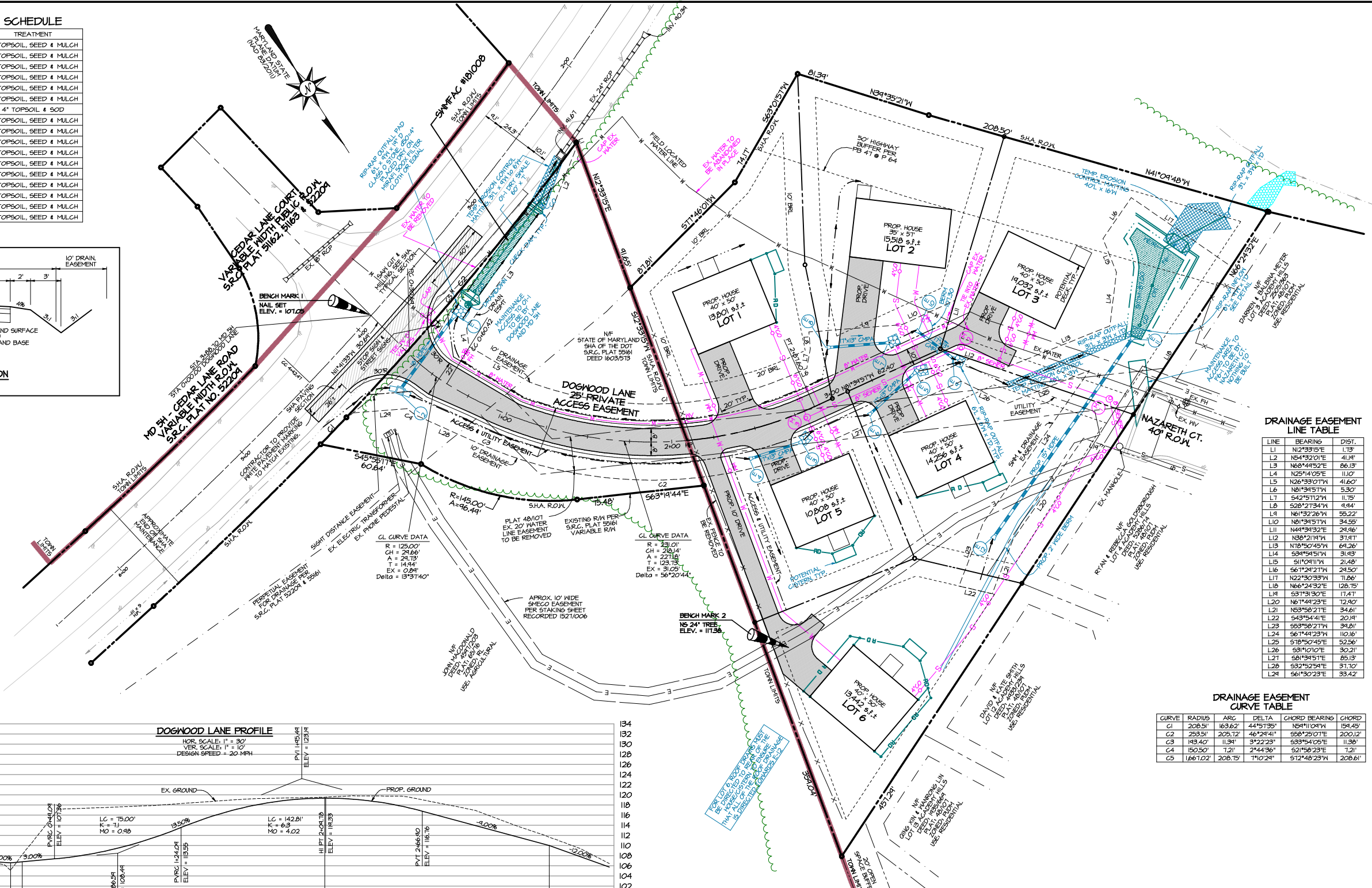
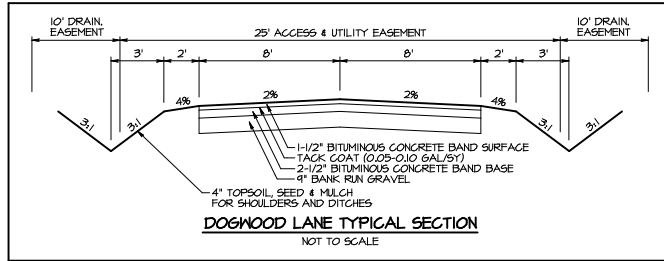


DOGWOOD LANE DITCH TREATMENT SCHEDULE

LOCATION	SLOPE	Q10	V10	TREATMENT
0+38.81 to 0+60.30 LEFT	17.50%	0.40 CFS	3.15 FPS	4" TOPSOIL, SEED & MULCH
0+60.30 to 1+05.42 LEFT	7.73%	0.40 CFS	2.31 FPS	4" TOPSOIL, SEED & MULCH
1+05.42 to 1+57.60 LEFT	11.34%	0.40 CFS	2.74 FPS	4" TOPSOIL, SEED & MULCH
1+57.60 to 1+83.64 LEFT	6.16%	0.40 CFS	2.14 FPS	4" TOPSOIL, SEED & MULCH
1+83.64 to 2+26.95 LEFT	2.05%	0.40 CFS	1.44 FPS	4" TOPSOIL, SEED & MULCH
2+26.95 to 2+48.61 LEFT	9.00%	0.45 CFS	2.60 FPS	4" TOPSOIL, SEED & MULCH
3+49.52 to 3+61.5 LEFT	17.00%	0.26 CFS	3.81 FPS	4" TOPSOIL & SOD
0+47.31 to 0+61.08 RIGHT	5.57%	0.33 CFS	1.99 FPS	4" TOPSOIL, SEED & MULCH
0+61.08 to 1+04.97 RIGHT	7.75%	0.33 CFS	2.26 FPS	4" TOPSOIL, SEED & MULCH
1+04.97 to 1+57.60 RIGHT	11.34%	0.33 CFS	2.60 FPS	4" TOPSOIL, SEED & MULCH
1+57.60 to 1+83.64 RIGHT	6.16%	0.33 CFS	2.07 FPS	4" TOPSOIL, SEED & MULCH
1+83.64 to 2+09.78 RIGHT	2.05%	0.33 CFS	1.36 FPS	4" TOPSOIL, SEED & MULCH
2+13.80 to 2+42.62 RIGHT	15.50%	0.10 CFS	2.05 FPS	4" TOPSOIL, SEED & MULCH
2+13.23 to 2+80.00 RIGHT	5.52%	0.10 CFS	1.44 FPS	4" TOPSOIL, SEED & MULCH
2+80.00 to 3+00.00 RIGHT	9.00%	0.21 CFS	2.23 FPS	4" TOPSOIL, SEED & MULCH
3+00.00 to 3+14.64 RIGHT	14.30%	0.21 CFS	3.06 FPS	4" TOPSOIL, SEED & MULCH
3+50.72 to 3+73.37 RIGHT	18.00%	0.41 CFS	3.23 FPS	4" TOPSOIL, SEED & MULCH

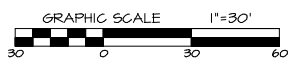
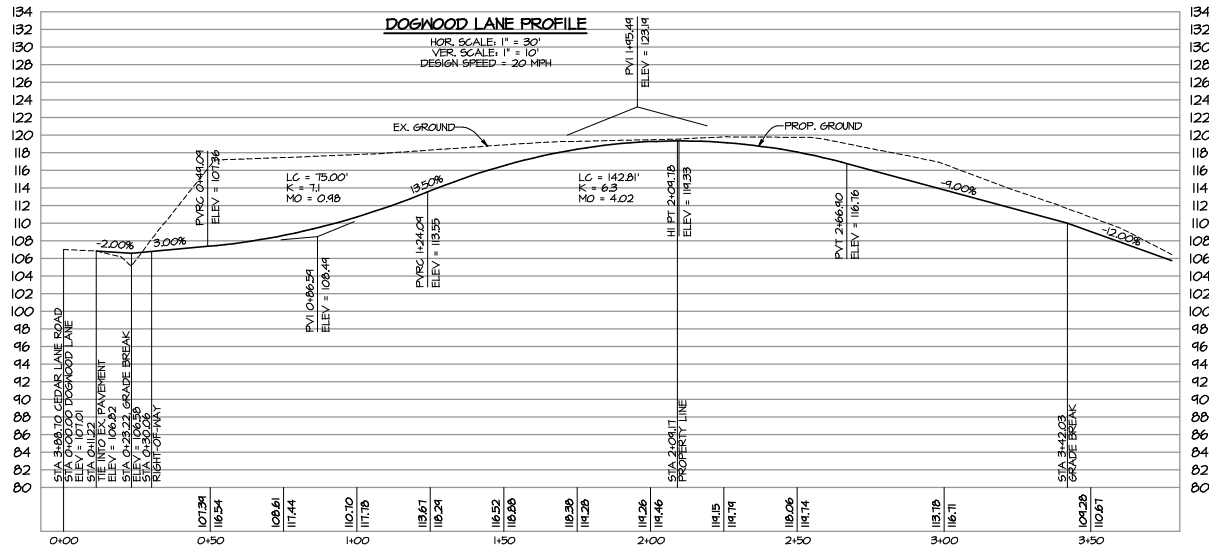


DRAINAGE EASEMENT LINE TABLE

LINE	BEARING	DIST.
L1	N2°38'51"E	1.13'
L2	N54°32'01"E	41.8'
L3	N68°44'52"E	86.13'
L4	N25°14'05"E	11.0'
L5	N26°33'07"W	41.60'
L6	N81°34'51"W	5.50'
L7	S42°51'21"W	11.75'
L8	S28°21'34"W	9.84'
L9	N61°32'26"W	55.22'
L10	N81°34'51"W	34.55'
L11	N44°34'32"E	24.96'
L12	N85°21'14"W	37.47'
L13	N78°50'45"W	64.26'
L14	S34°54'51"W	31.83'
L15	S11°04'11"W	21.48'
L16	S61°24'21"W	24.50'
L17	N22°30'33"W	71.86'
L18	N66°24'32"E	128.75'
L19	S31°51'30"E	174.71'
L20	N67°44'23"E	12.80'
L21	N63°56'21"E	34.61'
L22	S43°54'41"E	20.41'
L23	S63°58'27"W	34.81'
L24	S67°44'23"W	110.16'
L25	S78°50'45"W	52.36'
L26	S31°10'10"E	30.21'
L27	S81°34'51"E	85.13'
L28	S32°52'54"E	37.10'
L29	S61°30'23"E	33.42'

DRAINAGE EASEMENT CURVE TABLE

CURVE	RADIUS	ARC	DELTA	CHORD BEARING	CHORD
C1	208.51'	163.62'	44°51'35"	N54°11'04"W	154.45'
C2	253.51'	205.12'	46°24'41"	S88°25'07"E	200.12'
C3	183.40'	11.34'	3°22'23"	S33°54'05"E	11.38'
C4	150.50'	7.21'	2°44'36"	S21°56'23"E	7.21'
C5	1661.02'	208.15'	7°10'24"	S72°48'23"W	208.61'



ENGINEER'S 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. 11625, expiration date 12/1/2025.
 William L. Mehaffey, P.E. 2/8/2024 Date



REVISIONS

6/16/23	EVB	Agency comments
11/2/23	EVB	Agency comments
12/21/23	EVB	Agency comments
1/26/24	EVB	Agency comments
2/8/24	EVB	Agency comments

LSR LAND SURVEYING PLANNING ENGINEERING * PERMITS ENVIRONMENTAL SERVICES
LITTLE SILENCES REST, INC.
 41650 COURT HOUSE DRIVE - SUITE 101 - P.O. BOX 2340
 LEONARDTOWN, MD 20650
 PHONE: (301) 475-2238 -- WWW.LSRCORP.COM

TOWN OF LEONARDTOWN No.: 70-16
ROAD PLANS
 ROAD PLAN AND PROFILE
DOGWOOD SUBDIVISION
 LOT 1 ACADEMY HILLS
 TAX MAP 32 - GRID 23 - PARCEL 402
 LEONARDTOWN, MARYLAND
 3rd ELECTION DISTRICT - ST. MARY'S COUNTY, MARYLAND
 FOR: DOGWOOD DEVELOPMENT, LLC

DATE: 4/3/2023
 JOB#: 0104-21
 FOLDER: M32B23
 SCALE: 1" = 30'
 DRAWN: EMB
 CHECKED: WLM
 DATE PLOTTED: 2/8/2024

HEALTH DEPT. NO.: XX-XXXX
 SHEET: 3 OF 13