

GENERAL NOTES

- SUBJECT PROPERTY ZONED RC-DEO PER 10-06-2013 COMPREHENSIVE ZONING PLAN.
- DEED REFERENCE:
 - PARCEL 73: LIBER 18220, FOLIO 230
 - PARCEL 146: LIBER 3999, FOLIO 580
- PREVIOUS HOWARD COUNTY FILE NUMBERS:
 - F-09-011
 - F-93-033
 - BA CASE NUMBER 15-026C
- THE BOUNDARY SHOWN FOR PARCEL 146 WAS FIELD RUN BY SILL, ADCOCK & ASSOCIATES, LLC ON OR ABOUT MAY, 2008. THE BOUNDARY SHOWN FOR PARCEL 73 IS BASED ON TAX RECORD INFORMATION.
- THE TOPOGRAPHY SHOWN TO THE WEST OF THE CONDITIONAL USE AREA WAS FIELD RUN BY ADCOCK & ASSOCIATES, LLC ON 12/21/2019. THE TOPOGRAPHY ALONG FREDERICK ROAD WAS FIELD RUN BY ADCOCK & ASSOCIATES, LLC ON 8/17/2018. THE CONTOURS ARE SHOWN AT TWO-FOOT CONTOUR INTERVALS. ALL OTHER TOPOGRAPHY IS BASED OFF OF AERIAL TOPOGRAPHY FLOWN IN 2011.
- ENVIRONMENTAL FEATURES DO NOT EXIST WITHIN THE CONDITIONAL USE AREA.
- THERE ARE NO CEMETERIES WITHIN THE CONDITIONAL USE AREA.
- EXISTING UTILITIES ARE LOCATED BY THE USE OF ANY OR ALL OF THE FOLLOWING: ROAD CONSTRUCTION PLANS, FIELD SURVEYS, PUBLIC WATER AND SEWER PLANS AND OTHER AVAILABLE RECORD DRAWINGS. APPROXIMATE LOCATION OF THE EXISTING UTILITIES ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY.
- DRIVEWAY(S) SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING REQUIREMENTS:
 - WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE);
 - SURFACE - SIX (6) INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MINIMUM);
 - GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS;
 - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25-LOADING);
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
- MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- APPROVAL OF THE ECP DOES NOT CONSTITUTE APPROVALS OF SUBSEQUENT OR ASSOCIATED SITE DEVELOPMENT PLANS, SUBDIVISION PLANS, GRADING OR BUILDING PERMITS, PLAN REVISIONS OR FOREST CONSERVATION PLANS. THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL COMMENTS AS THE DEVELOPMENT PLAN PROGRESSES THROUGH THE PLAN REVIEW OR PERMIT APPLICATION PROCESS.
- THE AREA CURRENTLY USED FOR FIREWOOD PROCESSING IS TO BE RELOCATED TO THE CONDITIONAL USE AREA AND RETURNED TO ITS NATURAL STATE.
- PER CODE SECTION 16.1202(b)(2)(i), THIS DEVELOPMENT IS CONDITIONALLY EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1202(b)(2)(ii) FOR FOREST CONSERVATION BECAUSE ACTIVITIES THAT CLEAR LESS THAN 20,000 SF OF FOREST ON A SINGLE LOT ARE EXEMPT FROM FOREST STAND DELINEATION REQUIREMENTS.
- THE STORMWATER MANAGEMENT SYSTEM SHOWN ON THESE PLANS IS AN APPROXIMATION OF THE SIZE, SHAPE, AND LOCATION. IT IS UNDERSTOOD THAT THIS SYSTEM HAS NOT BEEN DESIGNED AND THE ACTUAL DESIGN MAY CHANGE, ALTERING THE NUMBER OF UNITS ALLOCATED FOR THIS DEVELOPMENT. ON FEBRUARY 22, 2018, THE DECISION AND ORDER, BA 15-026C WAS GRANTED BY THE BOARD OF APPEALS FOR THE MEETING THAT WAS HEARD ON OCTOBER 27, 2016. IT WAS ORDERED THAT THE PETITION OF STREAKER FIREWOOD, LLC FOR A BULK FIREWOOD PROCESSING CONDITIONAL USE IN AN RC-DEO (RURAL CONSERVATION-DENSITY EXCHANGE OPTION OVERLAY) ZONING DISTRICT, IS HEREBY GRANTED, SUBJECT TO THE FOLLOWING CONDITIONS:
 - THE CONDITIONAL USE SHALL APPLY ONLY TO THE BULK FIREWOOD PROCESSING CONDITIONAL USE AS SHOWN ON THE PETITION AND AS DEPICTED ON THE REVISED CONDITIONAL USE PLAN SUBMITTED TO THE BOARD ON OCTOBER 27, 2016 AS PETITIONERS EXHIBIT #5.
 - BULK FIREWOOD PROCESSING CONDITIONAL USE TRUCK TRAFFIC IS LIMITED TO THE HOURS OF 8 A.M. TO 6 P.M. MONDAY THROUGH FRIDAY AND TO THE HOURS OF 8 A.M. TO 1 P.M. ON SATURDAY.
 - PROCESSING OF BULK FIREWOOD HOURS OF OPERATION MAY TAKE PLACE MONDAY THROUGH SATURDAY FROM 7 A.M. UNTIL 6 P.M.
 - PETITIONER SHALL REMOVE THE PORTION OF THE EXISTING SHARD DRIVEWAY FROM LOT 1 AND RELOCATE SAID PORTION OF THE DRIVEWAY TO THE WEST AS PER PETITIONER'S EXHIBIT #5.
 - THE PETITIONER SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND COUNTY LAWS AND REGULATIONS.

STORMWATER MANAGEMENT NOTES & DESIGN NARRATIVE

BELOW IS A LIST TO DESCRIBE THE STORMWATER MANAGEMENT REQUIREMENTS AND ACHIEVEMENTS FOR THE SITE PER THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II, AS AMENDED BY THE STORMWATER MANAGEMENT ACT OF 2007.

- ENVIRONMENTALLY SENSITIVE AREAS HAVE BEEN AVOIDED.
- TO THE GREATEST EXTENT PRACTICABLE THE NATURAL FLOW PATTERNS OF THE SITE HAVE BEEN MAINTAINED.
- THE DESIGN INCORPORATES THE LEAST IMPERVIOUS AREA POSSIBLE.
- SILT FENCES AND A SEDIMENT TRAP ARE USED AS SEDIMENT AND EROSION CONTROL.
- ESD PLANNING TECHNIQUES AND PRACTICES HAVE BEEN IMPLEMENTED TO THE MAXIMUM EXTENT PRACTICABLE, THROUGH USE OF A BIO RETENTION FACILITY (M-6) AND ROOFTOP (N-2) DISCONNECTS.
- NO DESIGN MANUAL WAIVERS OR WAIVER PETITIONS ARE BEING REQUESTED.

BEARING & DISTANCE CHART

TAG	BEARING	DISTANCE
1	N 72°37'37" W	99.13'
2	N 68°32'24" W	99.00'
3	N 57°13'48" W	101.98'
4	N 71°24'9" W	100.12'
5	N 71°24'9" W	100.12'
6	N 77°4'15" W	101.12'
7	N 65°42'14" W	60.63'
8	N 71°35'34" W	150.21'
9	N 68°32'24" W	200.00'
10	N 67°9'28" W	200.06'
11	N 71°58'25" W	150.27'
12	N 64°50'54" W	193.57'
13	S 56°17'27" E	50.41'
14	S 59°43'44" E	60.17'
15	S 59°45'9" E	14.16'
16	S 67°10'36" E	24.67'
17	N 78°18'37" E	100.78'
18	S 58°25'37" E	49.91'
19	S 68°25'56" E	98.90'
20	S 84°27'18" E	98.85'
21	S 84°35'21" E	104.98'
22	S 64°44'21" E	49.56'
23	S 50°52'20" E	50.97'
24	S 56°37'51" E	99.82'
25	S 61°25'24" E	49.49'
26	S 64°51'5" E	197.92'

BEARING & DISTANCE CHART

TAG	BEARING	DISTANCE
27	S 70°17'7" E	150.03'
28	S 61°49'21" E	16.60'
29	S 61°46'53" E	81.15'
30	S 40°38'9" E	55.40'
31	S 61°47'45" E	150.00'
32	S 78°29'42" E	52.20'
33	S 56°5'7" E	100.50'
34	S 56°5'7" E	178.78'
35	S 18°47'3" E	56.64'
36	S 0°28'53" E	94.97'
37	S 9°43'15" E	164.83'
38	N 13°7'20" E	30.98'
39	N 2°33'53" W	18.80'
40	N 70°33'53" W	136.00'
41	S 70°48'53" E	118.00'
42	S 84°30'57" E	172.40'
43	S 84°30'57" E	172.40'
44	S 75°50'58" E	214.66'
45	S 80°45'16" E	113.12'
46	N 12°13'45" E	114.89'
47	N 14°9'43" E	98.69'
48	N 13°12'9" E	24.84'
49	N 21°3'1" E	21.14'
50	N 19°28'32" E	19.03'
51	N 4°55'7" E	158.57'
52	N 6°7'43" E	129.98'

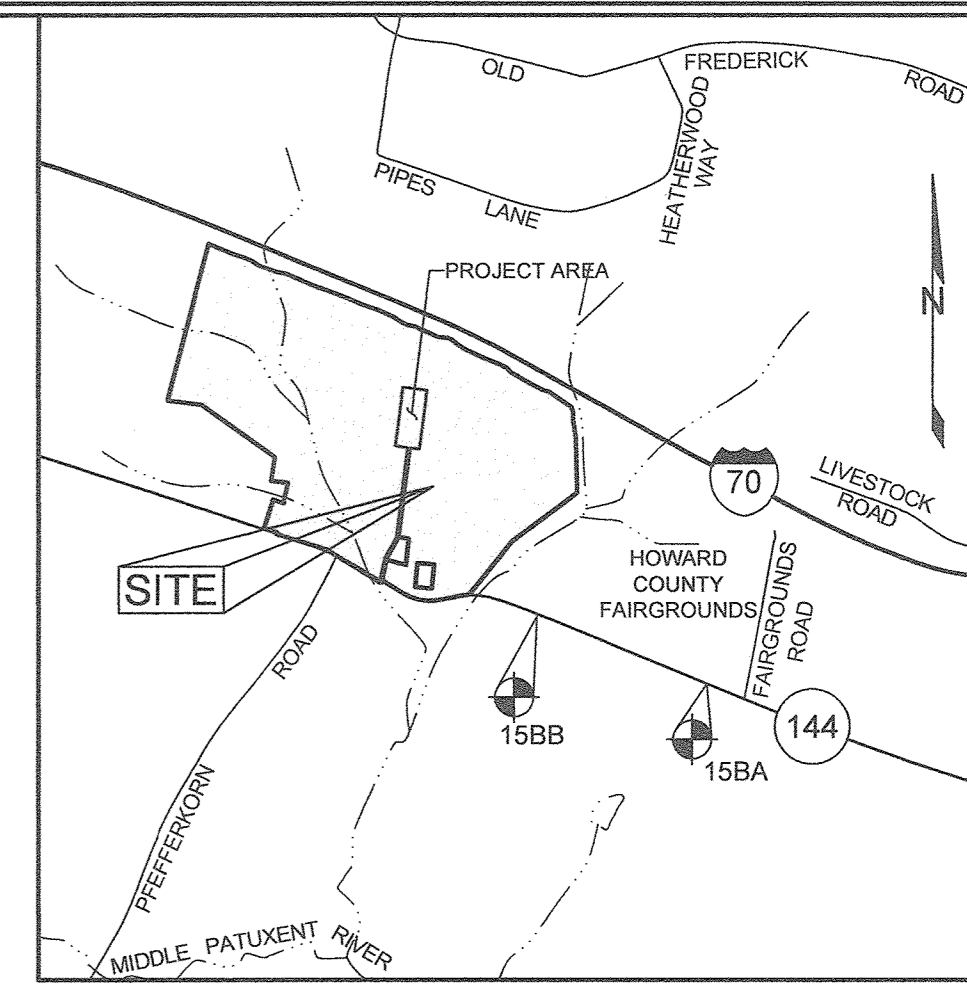
ENVIRONMENTAL CONCEPT PLAN

STREAKER FIREWOOD

TAX MAP 9 PARCEL 73
TAX MAP 15 PARCEL 146

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- EXISTING TREELINE
- PROPOSED TREELINE
- EXISTING SPECIMEN TREE
- EXISTING WETLAND
- EXISTING WETLAND BUFFER
- EXISTING STREAM
- EXISTING STREAM BUFFER



HOWARD COUNTY, MARYLAND
ADC MAP 17 GRIDS F1 & F2 AND MAP 18 GRIDS A1 & A2
VICINITY MAP
SCALE: 1"=2000'

BENCHMARKS

NUMBER	NORTHING	EASTING	ELEVATION
15BA	597,228.1254	1,321,719.2760	590.296'
15BB	597,926.9029	1,319,949.8262	527.586'

ADDRESS CHART

PARCEL	STREET ADDRESS
73	13370 FREDERICK ROAD
146	13300 FREDERICK ROAD

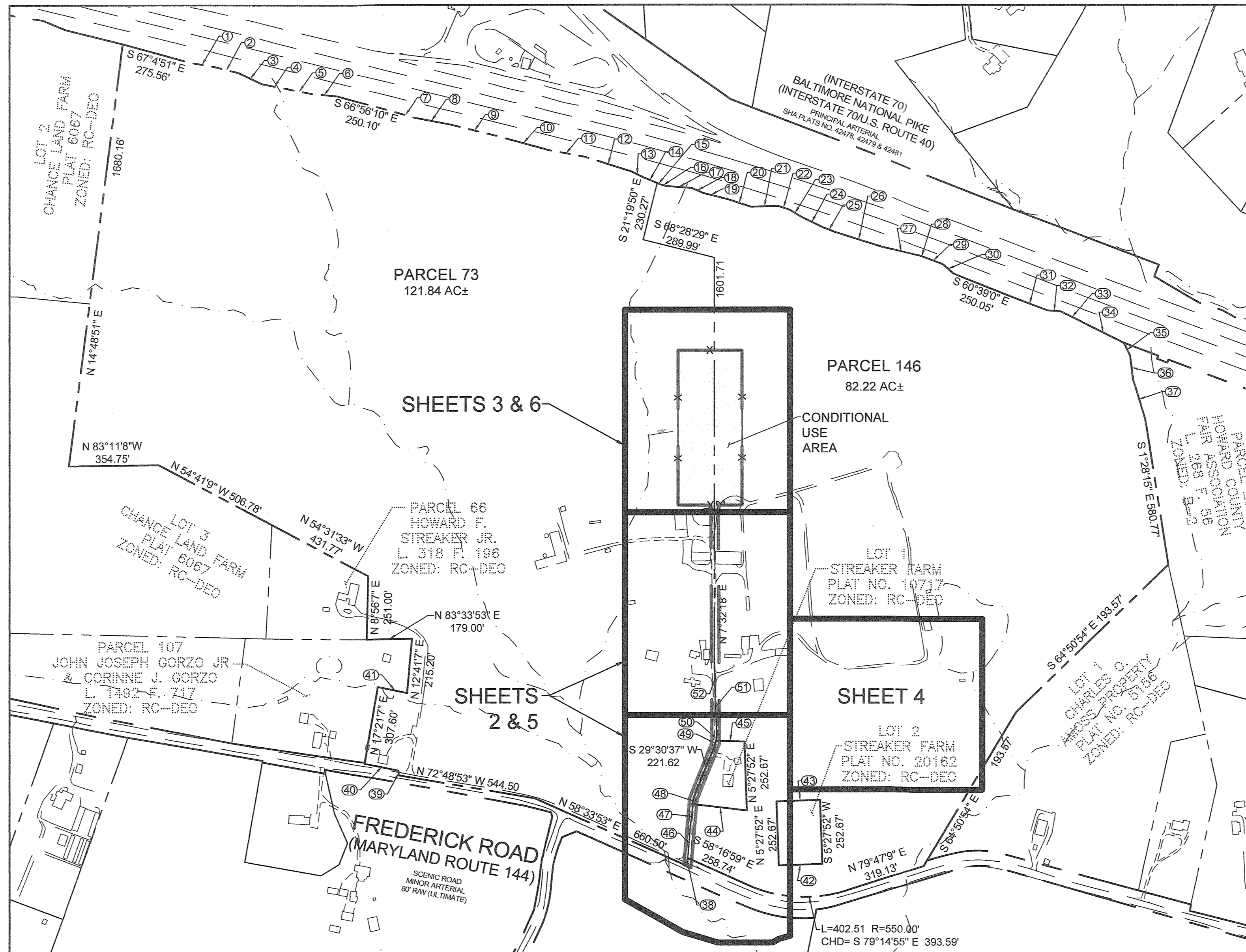
SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	ENVIRONMENTAL CONCEPT PLAN
3	ENVIRONMENTAL CONCEPT PLAN
4	ENVIRONMENTAL CONCEPT PLAN
5	SEDIMENT AND EROSION CONTROL PLAN
6	SEDIMENT AND EROSION CONTROL PLAN
7	BIORETENTION FACILITY DETAILS

SOILS LEGEND

SYMBOL	NAME / DESCRIPTION	GROUP	K' FACTOR
GgA	GLENNELG LOAM, 0 TO 3 PERCENT SLOPES	B	0.37
GgB	GLENNELG LOAM, 3 TO 8 PERCENT SLOPES	B	0.37
GgC	GLENNELG LOAM, 8 TO 15 PERCENT SLOPES	B	0.43
GmB	GLENNVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	CD	0.55
GnB	GLENNVILLE-BAILE SILT LOAMS, 0 TO 8 PERCENT SLOPES	C	0.49
MmD	MANOR LOAM, 15 TO 25% SLOPES	B	0.32
Hs	HATBORO-CODORUS SILT LOAMS, 0 TO 3 PERCENT SLOPES	B/D	0.43
MmF	MANOR-BRINKLOW COMPLEX, 25 TO 65 PERCENT SLOPES, VERY ROCKY	B	0.32

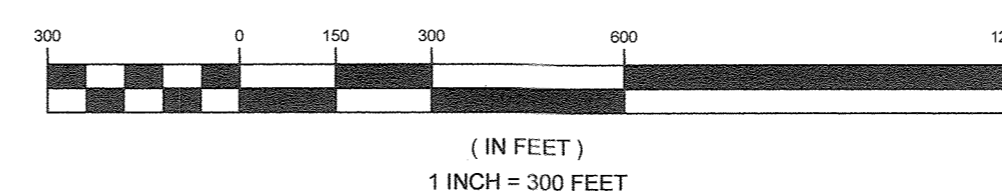
- NOTES:
1) SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEB SOIL SURVEY.
2) HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND WITH A SLOPE GREATER THAN 5 PERCENT.



LOCATION MAP

SCALE: 1"=300'

GRAPHIC SCALE



SITE ANALYSIS DATA SHEET

ENVIRONMENTAL AREA	SIZE OR USE (1)
TOTAL PROJECT AREA	4.08 ACRES ±
LIMIT OF DISTURBANCE	4.08 ACRES ±
GREEN OPEN AREA (LAWN)	0 ACRES ±
IMPERVIOUS AREA	0.07 ACRES ±
PROPOSED SITE USES	BULK FIREWOOD PROCESSING
WETLANDS	0 SQ FT ±
WETLAND BUFFERS	0 SQ FT ±
FLOODPLAINS	0 SQ FT ±
FLOODPLAIN BUFFERS	0 SQ FT ±
EXISTING FOREST	0 SQ FT ±
SLOPES GREATER THAN 15%	10,321 SQ FT ±
HIGHLY ERODIBLE SOILS (3)	0.51 ACRES ±

* NONE WITHIN THE PROJECT AREA

NOTES:

- AREAS LISTED ABOVE ARE WITHIN THE CONDITIONAL USE AREA ONLY.
- SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEB SOIL SURVEY.
- HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT.

OWNER/DEVELOPER

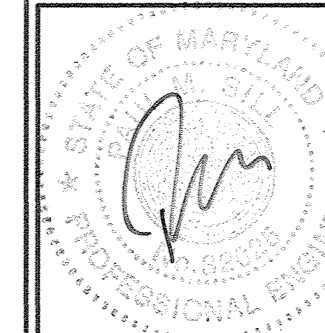
HOWARD F STREAKER, JR
13370 ROUTE 144
WEST FRIENDSHIP, MD 21794

COVER SHEET

STREAKER FIREWOOD

13370 & 13300 FREDERICK ROAD

TAX MAP 9 GRID 3 & TAX MAP 15 GRID 3 PARCELS 73 & 176
3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND



SILL ENGINEERING GROUP, LLC
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Civil Engineering for Land Development

DESIGN BY: MPO
DRAWN BY: MPO
CHECKED BY: PS
SCALE: AS SHOWN
DATE: DECEMBER 10, 2019
PROJECT #: 18-053
SHEET #: 1 of 7

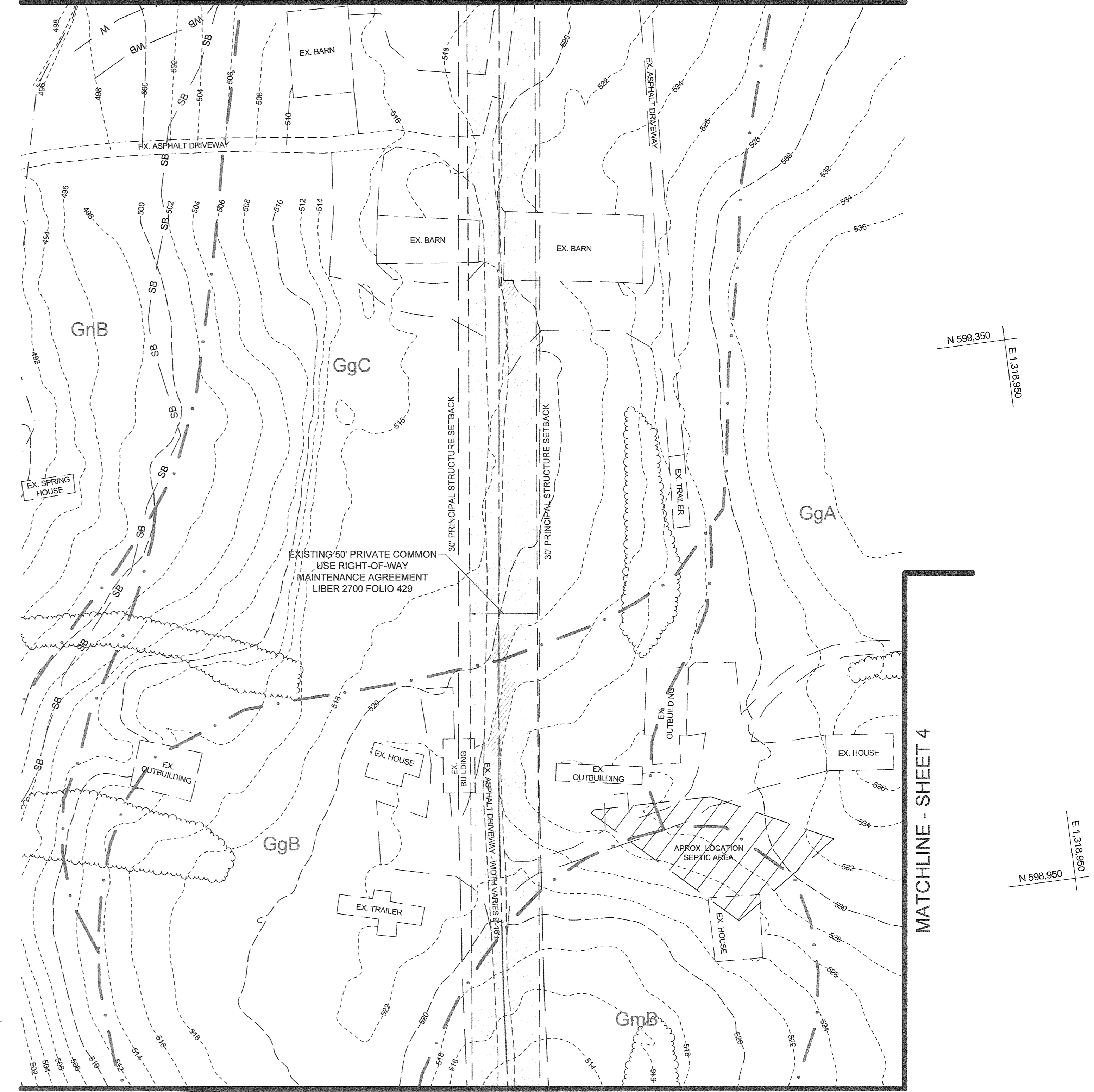
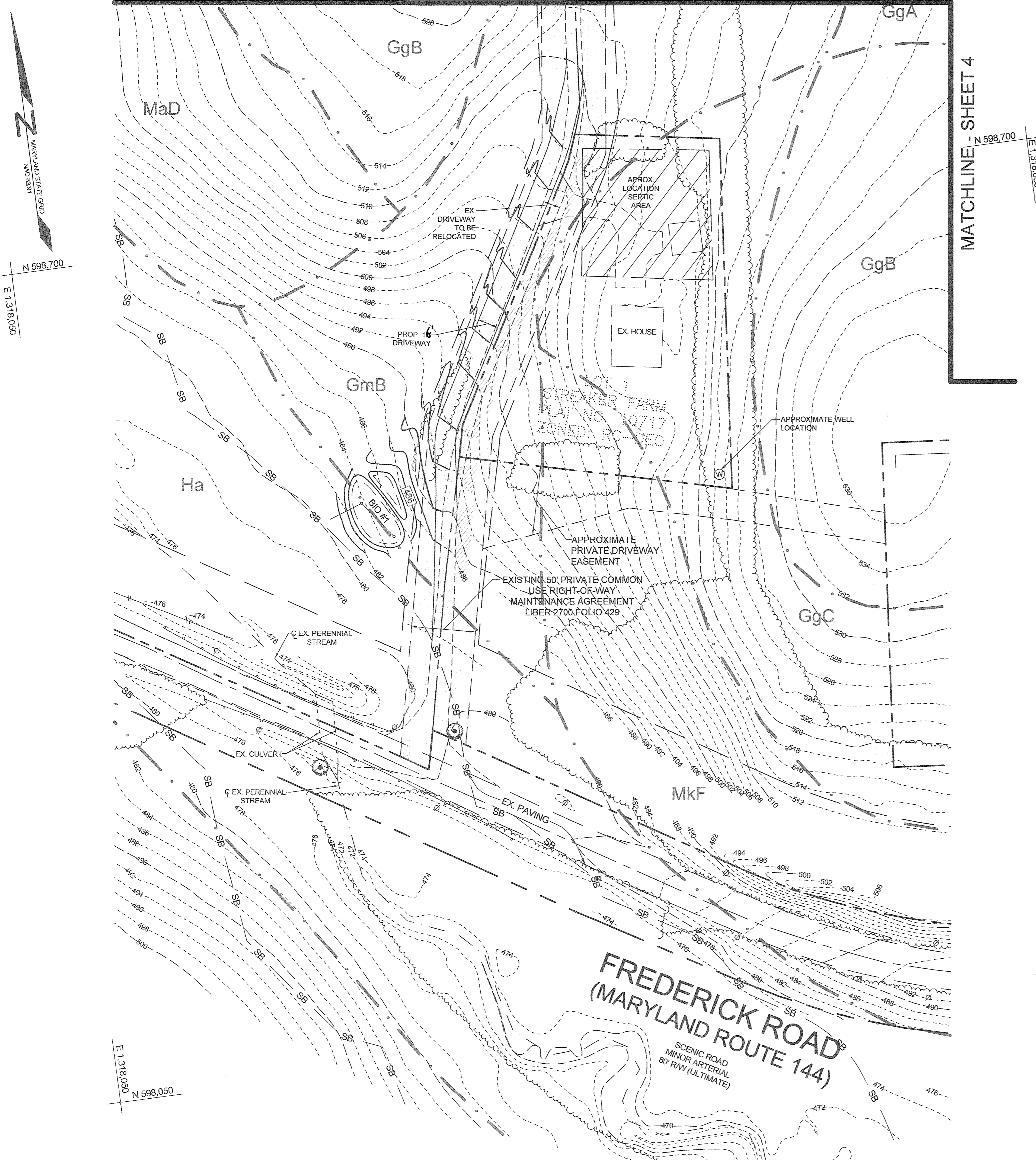
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APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division, DATE: 1/22/20
Chief, Division of Land Development, DATE: 1/3/20

MATCHLINE - THIS SHEET

MATCHLINE - SHEET 3



PLAN VIEW: ROAD AND DRIVEWAY ENTRANCE

SCALE: 1"=50'

PLAN VIEW: DRIVEWAY AND ADJACENT BUILDINGS

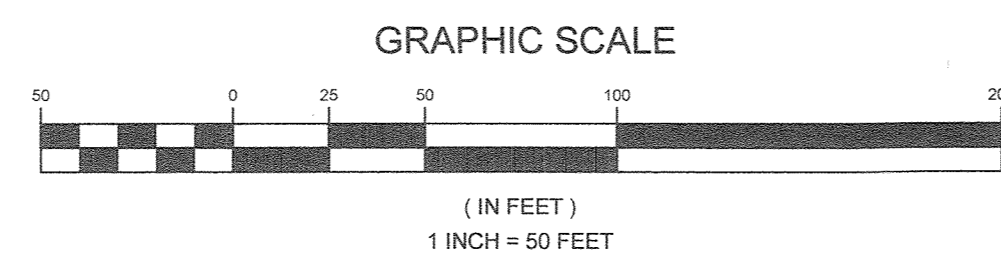
SCALE: 1"=50'

OWNER/DEVELOPER

HOWARD F STREAKER, JR.
13370 ROUTE 144
WEST FRIENDSHIP, MD 21794

LEGEND

EXISTING CONTOUR	--- 382 ---	EXISTING STREAM	---
PROPOSED CONTOUR	--- 382.5 ---	EXISTING STREAM BUFFER	SB
EXISTING SPOT ELEVATION	382.5	ACCESS EASEMENT	---
PROPOSED SPOT ELEVATION	+ 82.5		
DIRECTION OF FLOW	---	MODERATE SLOPES (15-24%)	---
EXISTING TREELINE	---		
PROPOSED TREELINE	---		
EXISTING SPECIMEN TREE	⊙		
EXISTING WETLAND	W		
EXISTING WETLAND BUFFER	WB		



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
[Signature]
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 DATE: 1/22/20
[Signature]
 CHIEF, DIVISION OF LAND DEVELOPMENT
 DATE: 1/21/20

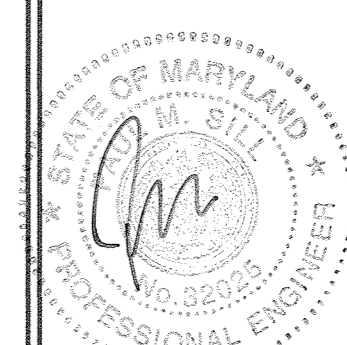
ENVIRONMENTAL CONCEPT PLAN

STREAKER FIREWOOD

13370 & 13300 FREDERICK ROAD

TAX MAP 9 GRID 3 & TAX MAP 15 GRID 3
3RD ELECTION DISTRICT

PARCELS 73 & 176
HOWARD COUNTY, MARYLAND

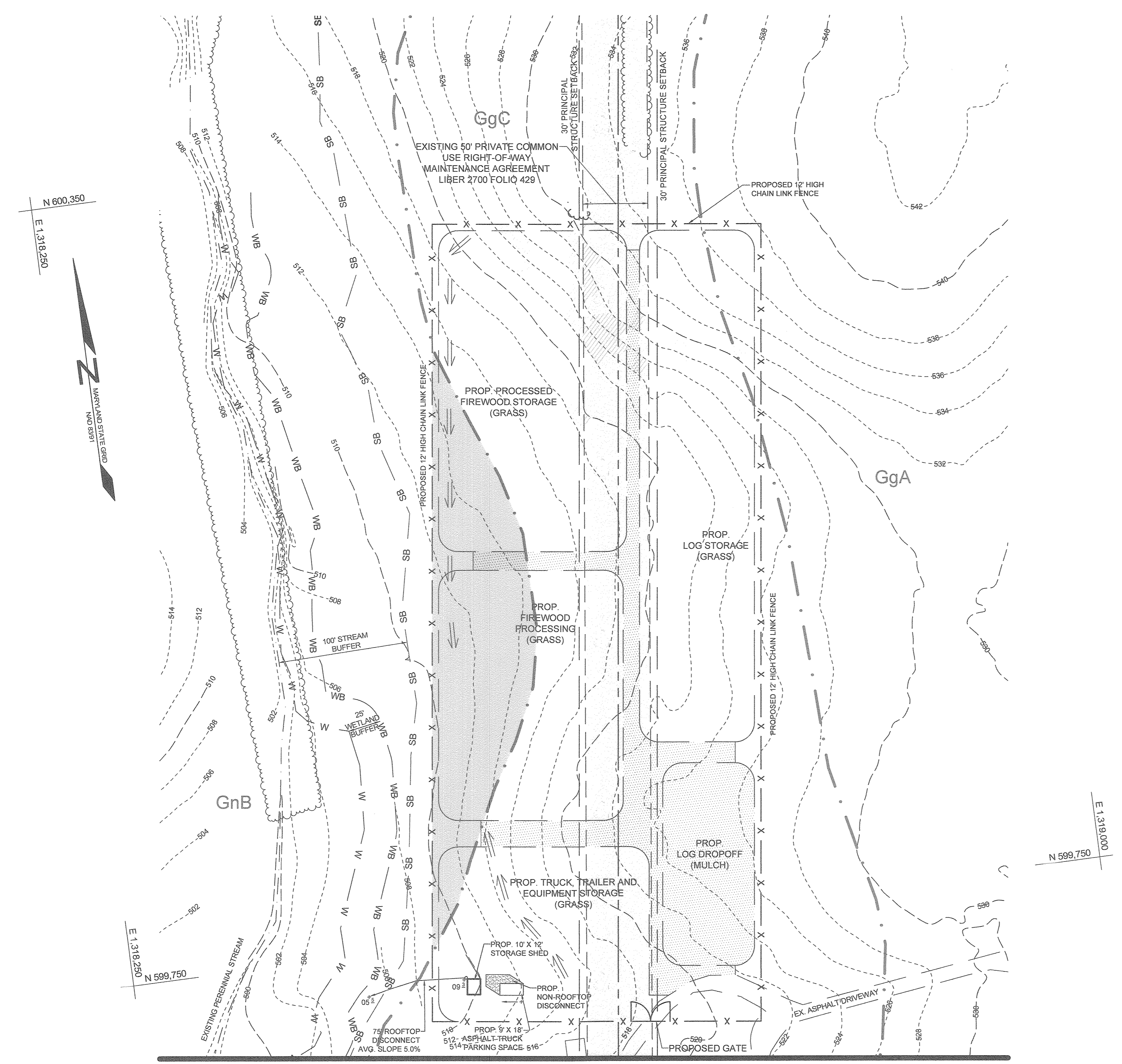


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 Civil Engineering for Land Development

DESIGN BY: MPO
 DRAWN BY: MPO
 CHECKED BY: PS
 SCALE: AS SHOWN
 DATE: DECEMBER 10, 2019
 PROJECT #: 18-053
 SHEET #: 2 of 7

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. 32025, EXPIRATION DATE: JUNE 22, 2021.

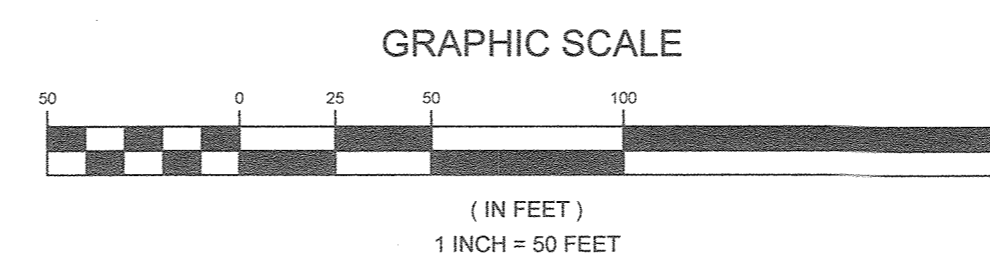
LEGEND	
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PROPOSED CONTOUR	--- 382 ---
EXISTING SPOT ELEVATION	382.0
PROPOSED SPOT ELEVATION	+ 82.53
DIRECTION OF FLOW	→
EXISTING TREELINE	~ ~ ~ ~ ~
PROPOSED TREELINE	~ ~ ~ ~ ~
EXISTING SPECIMEN TREE	⊙
EXISTING WETLAND	W
EXISTING WETLAND BUFFER	WB
EXISTING STREAM	---
EXISTING STREAM BUFFER	SB
ACCESS EASEMENT	□
HIGHLY ERODIBLE SOILS	▨
MODERATE SLOPES	□
PROPOSED SWALE	⇒ ⇒ ⇒
PROPOSED MULCH TRAFFIC AREA	▨



MATCHLINE - SHEET 2

PLAN VIEW: CONDITIONAL USE AREA

SCALE: 1"=50'



OWNER/DEVELOPER
 HOWARD F STREAKER, JR
 13370 ROUTE 144
 WEST FRIENDSHIP, MD 21794

ENVIRONMENTAL CONCEPT PLAN
STREAKER FIREWOOD

13370 & 13300 FREDERICK ROAD

TAX MAP 9 GRID 3 & TAX MAP 15 GRID 3
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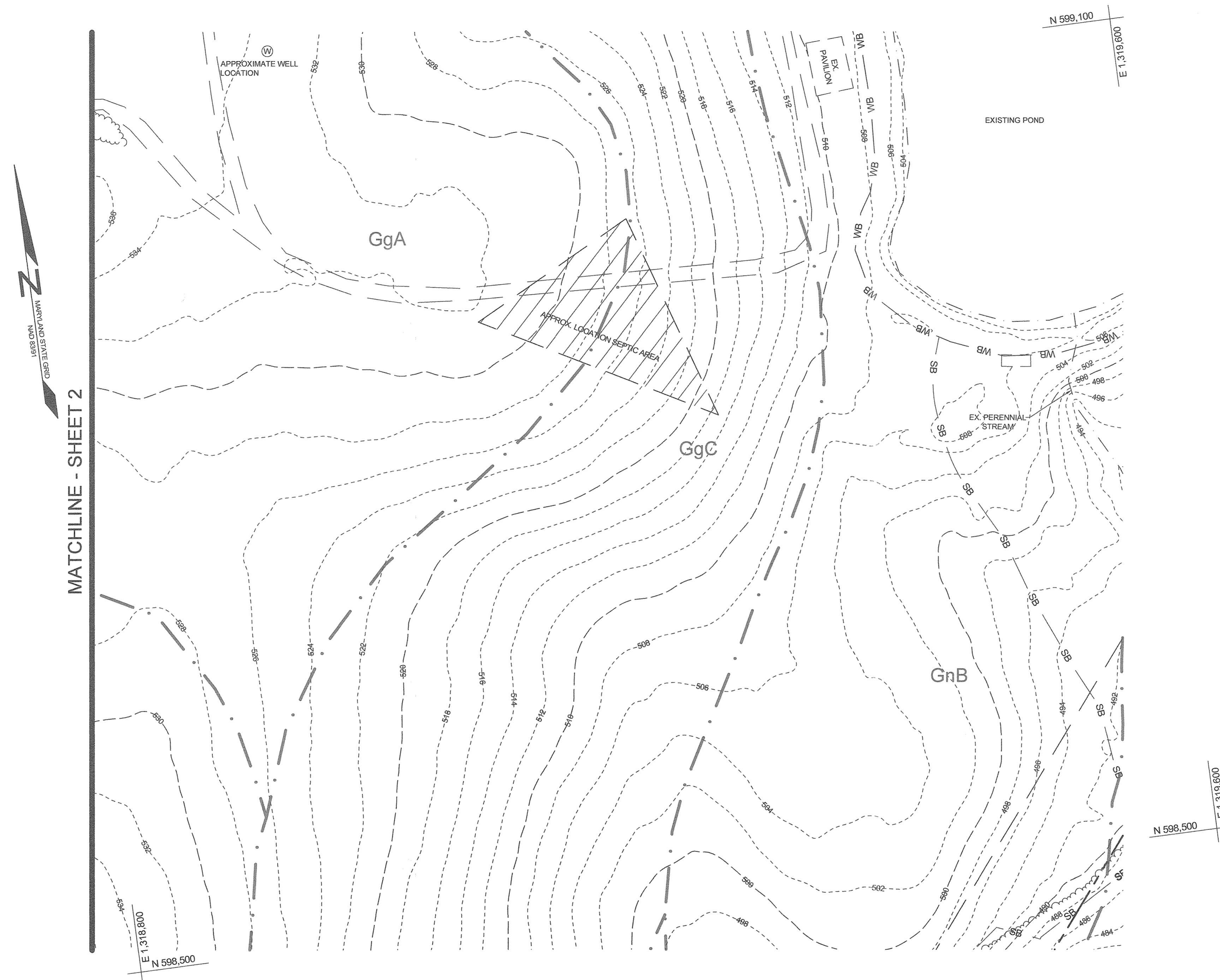
PARCELS 73 & 176
 HOWARD COUNTY, MARYLAND

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature] 1.22.20
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
 [Signature] 1/8/20
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

	SILL ENGINEERING GROUP, LLC 11130 Dovedale Court, Suite 200 Marriottsville, Maryland 21104 Phone: 443.325.5076 Fax: 410.696.2022 Email: info@sillengineering.com Civil Engineering for Land Development	DESIGN BY: MPO
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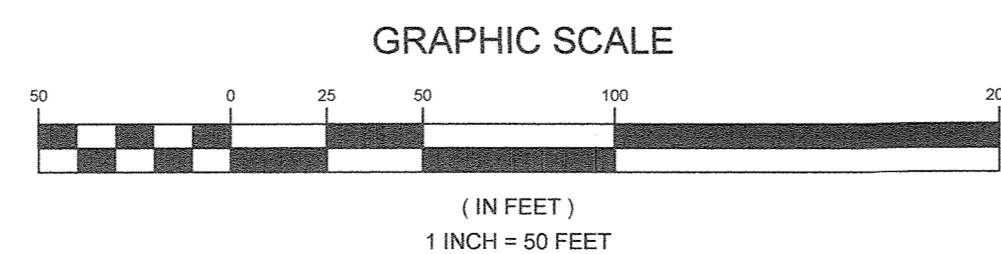
LEGEND				
EXISTING CONTOUR		382	EXISTING STREAM	
PROPOSED CONTOUR		382	EXISTING STREAM BUFFER	
EXISTING SPOT ELEVATION		+82.53	SUPER SILT FENCE	
PROPOSED SPOT ELEVATION		+82.53	LIMIT OF DISTURBANCE	
DIRECTION OF FLOW			EXISTING TREELINE	
EXISTING TREELINE			PROPOSED TREELINE	
EXISTING SPECIMEN TREE				
EXISTING WETLAND		W		
EXISTING WETLAND BUFFER		WB		



MATCHLINE - SHEET 2

PLAN VIEW: EXISTING FIREWOOD PROCESSING AREA (TO BE RELOCATED)

SCALE: 1"=50'



OWNER/DEVELOPER

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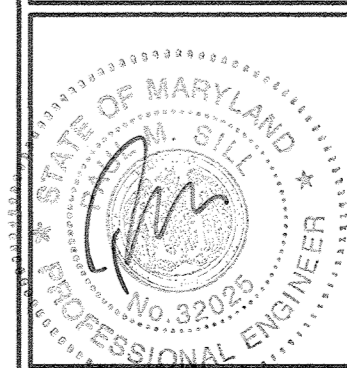
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TAX MAP 9 GRID 3 & TAX MAP 15 GRID 3
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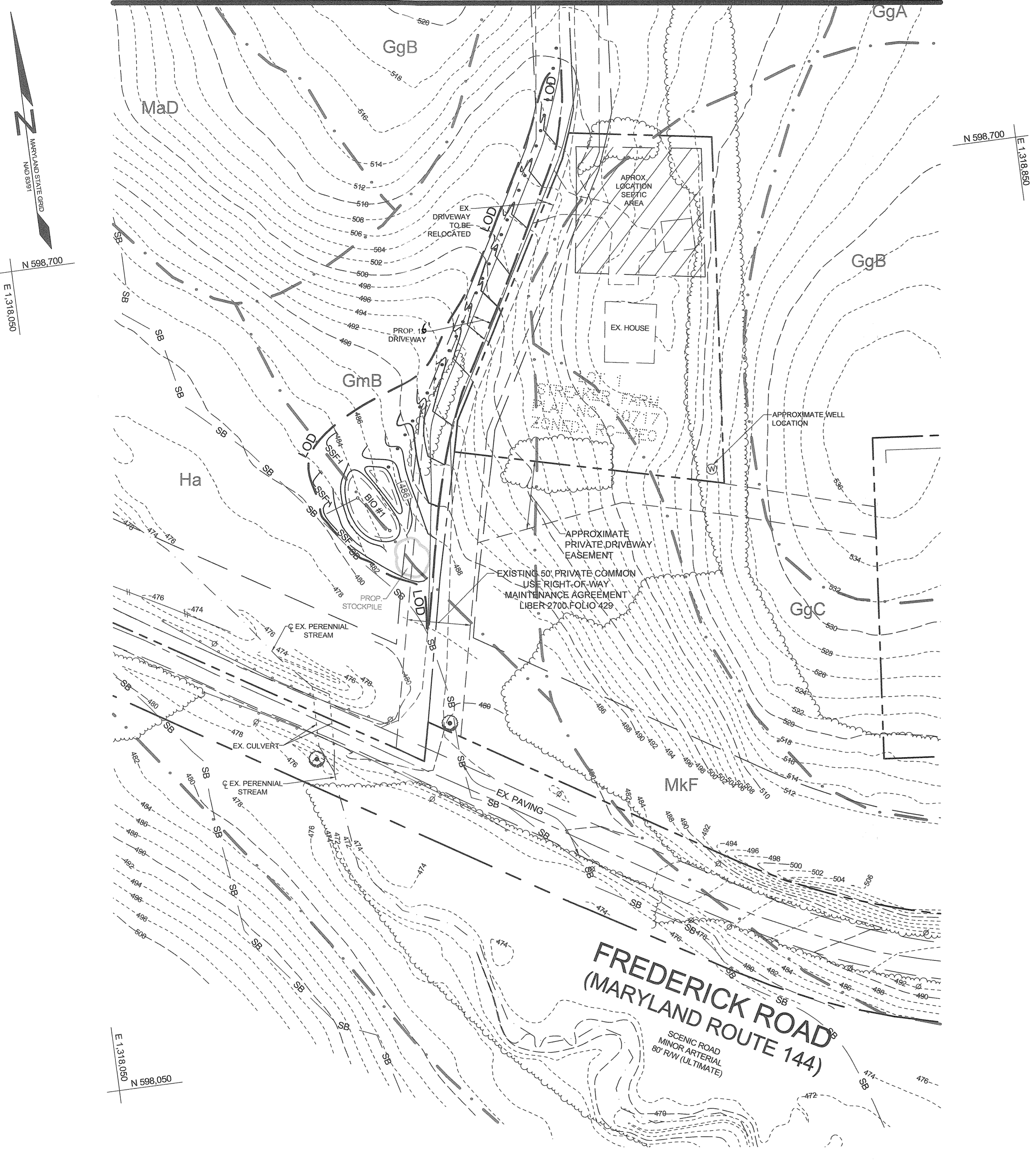
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APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
[Signature]
CHIEF, DEVELOPMENT ENGINEERING DIVISION
[Signature]
CHIEF, DIVISION OF LAND DEVELOPMENT

DATE: 1/22/20
DATE: 1/3/20

MATCHLINE - THIS SHEET

MATCHLINE - SHEET 6

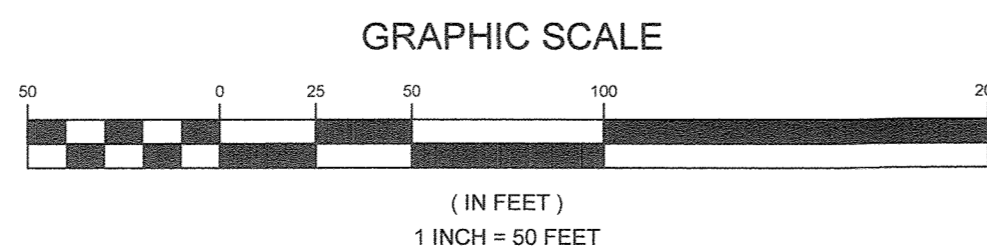


PLAN VIEW: ROAD AND DRIVEWAY ENTRANCE

PLAN VIEW: DRIVEWAY AND ADJACENT BUILDINGS

SCALE: 1"=50'

SCALE: 1"=50'



LEGEND

EXISTING CONTOUR		EXISTING STREAM	
PROPOSED CONTOUR		EXISTING STREAM BUFFER	
EXISTING SPOT ELEVATION		SUPER SILT FENCE	
PROPOSED SPOT ELEVATION		LIMIT OF DISTURBANCE	
DIRECTION OF FLOW		MODERATE SLOPES (OVER 15%)	
EXISTING TREELINE			
PROPOSED TREELINE			
EXISTING SPECIMEN TREE			
EXISTING WETLAND			
EXISTING WETLAND BUFFER			

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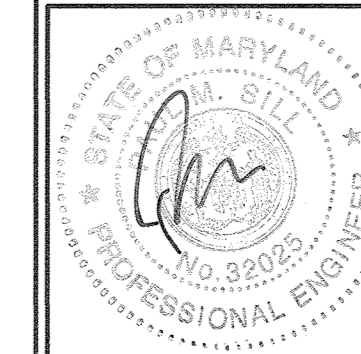
SEDIMENT AND EROSION CONTROL PLAN

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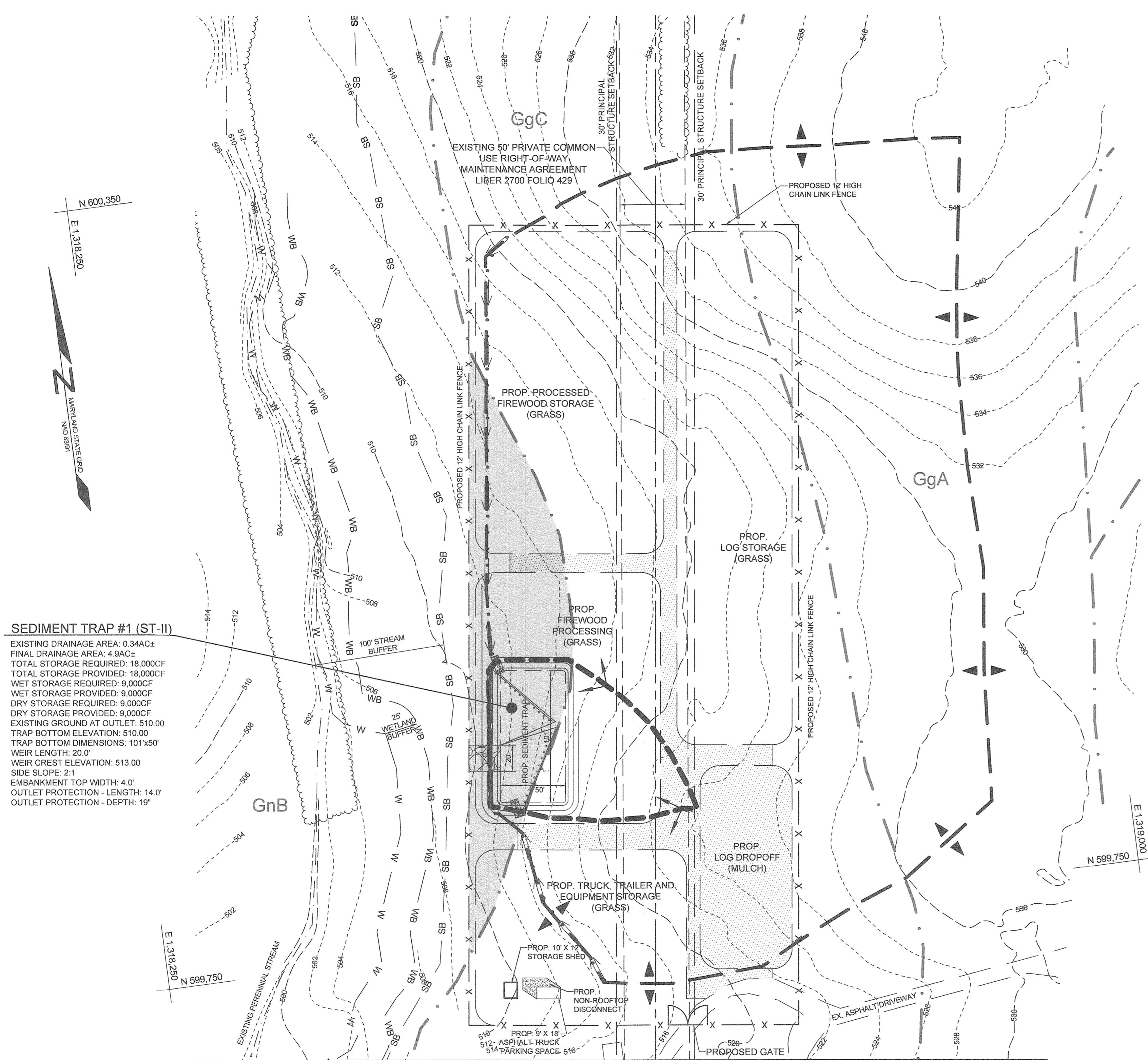
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APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
CHIEF DEVELOPMENT ENGINEERING DIVISION
CHIEF DIVISION OF LAND DEVELOPMENT

DATE: 1/22/20
DATE: 1/3/20

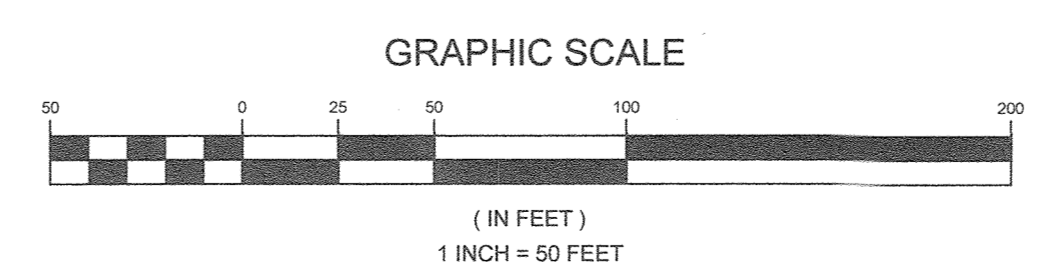
LEGEND

EXISTING CONTOUR	- - - - - 382
PROPOSED CONTOUR	[] 382
EXISTING SPOT ELEVATION	380.3
PROPOSED SPOT ELEVATION	+ 82.53
DIRECTION OF FLOW	→
EXISTING TREELINE	~ ~ ~ ~ ~
PROPOSED TREELINE	~ ~ ~ ~ ~
EXISTING SPECIMEN TREE	⊙
EXISTING WETLAND	W
EXISTING WETLAND BUFFER	WB
EXISTING STREAM	— — — — —
EXISTING STREAM BUFFER	SB
SUPER SILT FENCE	SSF
LIMIT OF DISTURBANCE	LOD
MODERATE SLOPES (OVER 15%)	[]
HIGHLY ERODIBLE SOILS	[]
PROPOSED SWALE	⇒ ⇒ ⇒
EXISTING DRAINAGE DIVIDE	— — — — —
PROPOSED DRAINAGE DIVIDE	— — — — —



SEDIMENT TRAP #1 (ST-II)
 EXISTING DRAINAGE AREA: 0.34AC±
 FINAL DRAINAGE AREA: 4.9AC±
 TOTAL STORAGE REQUIRED: 18,000CF
 TOTAL STORAGE PROVIDED: 18,000CF
 WET STORAGE REQUIRED: 9,000CF
 WET STORAGE PROVIDED: 9,000CF
 DRY STORAGE REQUIRED: 9,000CF
 DRY STORAGE PROVIDED: 9,000CF
 EXISTING GROUND AT OUTLET: 510.00
 TRAP BOTTOM ELEVATION: 510.00
 TRAP BOTTOM DIMENSIONS: 101'x50'
 WEIR LENGTH: 20.0'
 WEIR CREST ELEVATION: 513.00
 SIDE SLOPE: 2:1
 EMBANKMENT TOP WIDTH: 4.0'
 OUTLET PROTECTION - LENGTH: 14.0'
 OUTLET PROTECTION - DEPTH: 19"

MATCHLINE - SHEET 2
 PLAN VIEW: CONDITIONAL USE AREA
 SCALE: 1"=50'

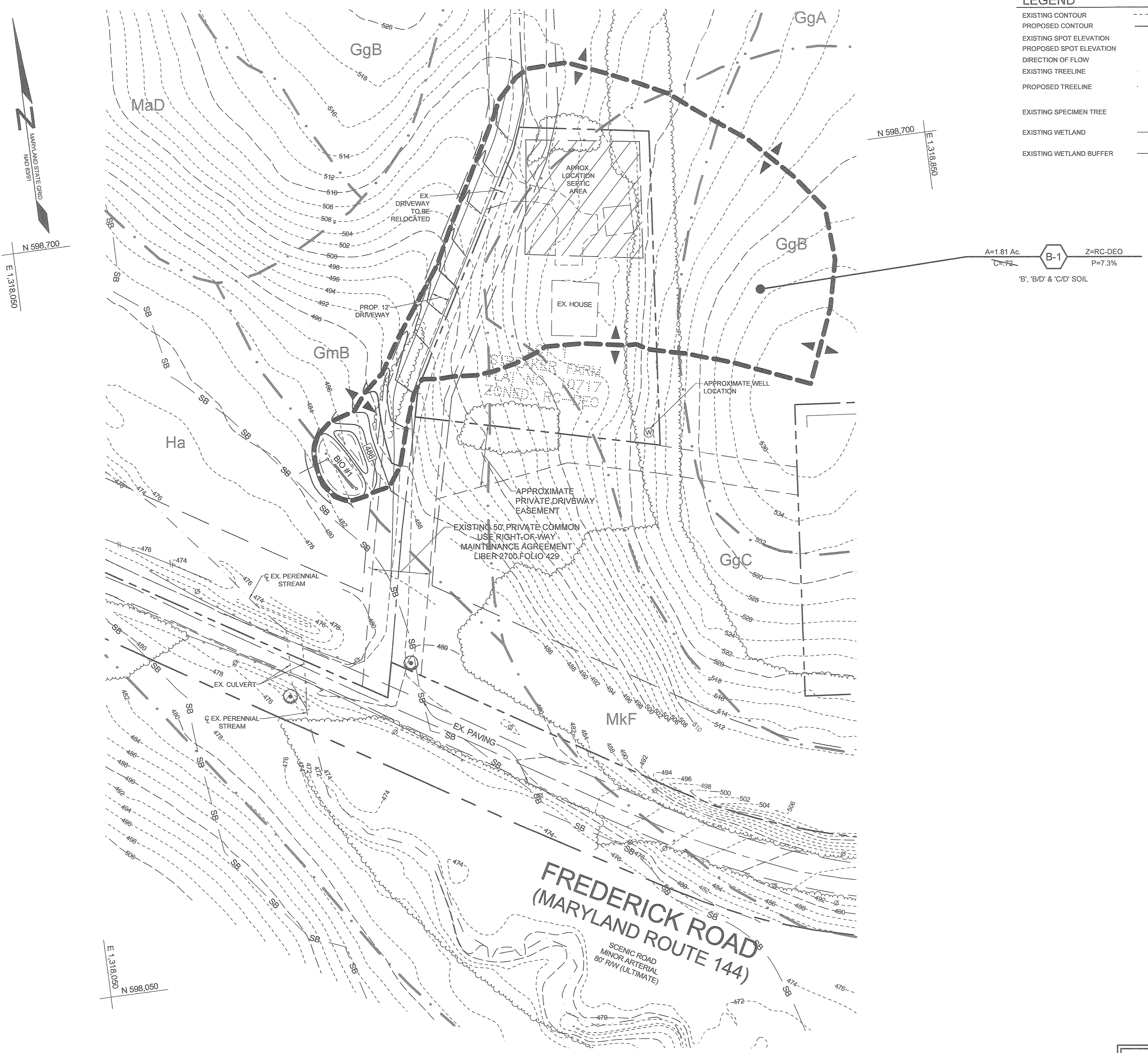


OWNER/DEVELOPER
 HOWARD F STREAKER, JR
 13370 ROUTE 144
 WEST FRIENDSHIP, MD 21794

SEDIMENT AND EROSION CONTROL PLAN
STREAKER FIREWOOD
 13370 & 13300 FREDERICK ROAD

TAX MAP 9 GRID 3 & TAX MAP 15 GRID 3 PARCELS 73 & 176
 3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

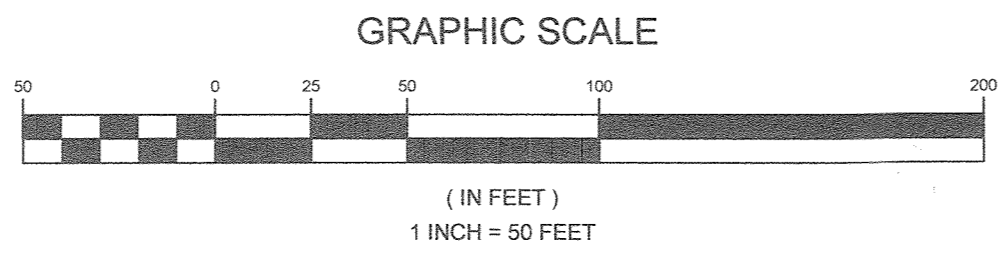
		DESIGN BY: MPO DRAWN BY: MPO CHECKED BY: PS SCALE: AS SHOWN DATE: DECEMBER 10, 2019 PROJECT #: 18-053 SHEET #: 6 of 7
	11120 Dovedale Court, Suite 200 Marriottsville, Maryland 21104 Phone: 443.325.5076 Fax: 410.696.2022 Email: info@sillengineering.com Civil Engineering for Land Development	
	PROFESSIONAL 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. 32025, EXPIRATION DATE: JUNE 20, 2021.	
	ECP-19-039	
	APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING [Signature] 1-22-20 DATE CHIEF DEVELOPMENT ENGINEERING DIVISION [Signature] 1/3/20 DATE CHIEF CIVIL ENGINEERING DIVISION	



LEGEND

EXISTING CONTOUR	- - - - - 382	EXISTING STREAM	— — — — —
PROPOSED CONTOUR	- - - - - 382	EXISTING STREAM BUFFER	— — — — — SB
EXISTING SPOT ELEVATION	382		
PROPOSED SPOT ELEVATION	+ 82.53		
DIRECTION OF FLOW	→		
EXISTING TREELINE	~~~~~		
PROPOSED TREELINE	~~~~~		
EXISTING SPECIMEN TREE	⊙		
EXISTING WETLAND	W		
EXISTING WETLAND BUFFER	WB		

PLAN VIEW: ROAD AND DRIVEWAY ENTRANCE
SCALE: 1"=50'



OWNER/DEVELOPER
HOWARD F STREAKER, JR
13370 ROUTE 144
WEST FRIENDSHIP, MD 21794

SEDIMENT AND EROSION CONTROL PLAN
STREAKER FIREWOOD

13370 & 13300 FREDERICK ROAD

TAX MAP 9 GRID 3 & TAX MAP 15 GRID 3 PARCELS 73 & 176
3RD ELECTION DISTRICT HOWARD COUNTY, MARYLAND

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 1-22-20
CHIEF DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 1/2/20
CHIEF PROFESSIONAL LAND DEVELOPMENT DATE

	<p>SILL ENGINEERING GROUP, LLC 11130 Dovesdale Court, Suite 200 Marriottsville, Maryland 21104 Phone: 443.325.5076 Fax: 410.696.2022 Email: info@sillengineering.com Civil Engineering for Land Development</p>	DESIGN BY: MPO
		DRAWN BY: MPO
		CHECKED BY: PS
		SCALE: AS SHOWN
		DATE: DECEMBER 10, 2019
		PROJECT #: 18-053
		SHEET #: 7 of 7

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