

## GENERAL NOTES:

1. SITE ANALYSIS DATA: ADDRESS: 4824 MONTGOMERY ROAD, ELLICOTT CITY MD, 21043 LOCATION : TAX MAP: 31 - PARCEL : 440 - GRID 007 LOT 4 OF THE PAUL T MCHENRY SUBDIVISION, PB 6, PG 88 ZONING: R-20 : ELECTION DISTRICT: SECOND DEED REFERENCE: 06563/0031 AREA OF TRACT: 5.355 ACRES (233,265 SQ.FT.) PROPOSED USE: SFD. TOTAL NUMBER OF LOTS: 08

COORDINATES BASED ON NAD'83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 31A3 AND 31D4. STA. No. 31A3 N 573217.889, E 1368237.788, EL. 486.905 STA. No. 31D4 N 571700.664, E 1369606.417, EL. 494.445

- 3. WETLANDS, BUFFERS, AND SPECIMEN TREES FOREST STAND DELINEATION AND WETLAND DELINEATION STUDY BY ECO-SCIENCE, INC. DATED APRIL 2019 EXISTING WETLAND AND STREAM BUFFERS TO REMAIN UNDISTURBED, ALL SPECIMEN TREES TO REMAIN
- 4. HOUSE IS LISTED IN THE HOWARD COUNTY HISTORICAL REGISTER AS HO-422 (AVOCA). HISTORICAL STRUCTURES: THE HOUSE WAS BUILT (BEGINNING IN 1802) PRIOR TO 1890 AND IS TO REMAIN ON PROPOSED LOT 1. PROPERTY IS NOT LOCATED IN AN HISTORIC DISTRICT.
- 5. THE HOUSE IS TO REMAIN AS IS. THERE ARE FOUR (4) OUTBUILDINGS AND FOUR (4) PARTIAL FOUNDATIONS. ONE (1) OUTBUILDING IS TO REMAIN AS IS ON LOT 1. THREE (3) OUTBUILDINGS ARE TO BE RELOCATED TO LOT 1. THE FOUR (4) PARTIAL FOUNDATIONS ARE TO BE DEMOLISHED. MATERIALS FROM THE DEMOLISHED STRUCTURES WILL BE USED TO REPAIR THE
- 6. LOCATION FOR OUTBUILDINGS TO BE RELOCATED TO LOT 1 WILL BE COORDINATED WITH PLANNING AND ZONING AND THE HISTORICAL COMMISSION.
- 7. FOREST CONSERVATION TO BE PROVIDED ONSITE ON LOT ONE. ALTERNATIVE COMPLIANCE HAS BEEN APPLIED FOR TO ALLOW THIS.
- 8. ALTERNATIVE COMPLIANCE IS BEING SOUGHT FOR THE LOT SIZES.

STRUCTURES WHICH ARE TO REMAIN OR BE RELOCATED.

- 9. ALTERNATIVE COMPLIANCE IS BEING SOUGHT FOR SPECIMEN TREE REMOVAL.
- 10. ALTERNATIVE COMPLIANCE IS BEING SOUGHT FOR DRIVEWAY ACCESS TO EXISTING ROADS.
- 11. ALTERNATIVE COMPLIANCE IS BEING SOUGHT FOR CONTINUATION OF DRIVEWAY ACCESS TO MONTGOMERY ROAD.

SYMBOL	RATING	NAME	K FACTOR	MAP NO.	COMMENTS
LaC	(c)	LEGORE SILT LOAM, 8 TO 15 PERCENT SLOPES	0.28	19	
LmB	(C)	LEGORE-MONTALTO SILT LOAMS, 3 TO 8 PERCENT SLOPES	0.32	19	HIGHLY ERODIBLE
LoB	(c)	LEGORE-MONTALTO-URBAN LAND COMPLEX, 0 TO 8 PERCENT SLOPES	0.32	19	HIGHLY ERODIBLE
SrD	(B)	SASSAFRAS AND CROOM SOILS, 10 TO 15 PERCENT SLOPES	0.32	19	HIGHLY ERODIBLE
WcB	(D)	WATCHUNG SILT LOAM, 3 TO 8 PERCENT SLOPES, STONY	0.43	19	HIGHLY ERODIBLE

## ECP SITE ANALYSIS DATA:

1.	AREA OF THE SITE =	5.355	ACRES	(233,265 SF)
2.	IMPERVIOUS AREA PROPOSED =	0.577	ACRES	( 25,119 SF)
3.	AREA OF WETLANDS AND BUFFERS	1.314	ACRES	( 57,238 SF)
4.	AREA OF FLOODPLAIN =	0	ACRES	
5.	AREA OF EXISTING FOREST =	2.7	ACRES	(117,612 SF)
6.	AREA OF STREAM BUFFER =	0.528	ACRES	( 23,002 SF)
7.	AREA OF STEEP SLOPES 15% OR GREATER=	0	ACRES	
8.	AREA OF STEEP SLOPES 25% OR GREATER=	0	ACRES	
9.	AREA OF ERODIBLE SOILS =	4.17	ACRES	(182,078 SF)
10.	LIMIT OF DISTURBANCE AREA =	1.77	ACRES	( 77,180 SF)
11.	8 SINGLE FAMILY DETACHED LOTS ARE PROPO	DSED		

## ESD NARRATIVE

- THE PROPERTY CONTAINS WETLANDS AND AN INTERMITTENT STREAM (SHOWN). THE EASTERN PORTION OF THE SITE SLOPES FROM NORTH TO SOUTH, THE WESTERN PORTION FROM EAST TO WEST. THIS AREA WILL NOT BE DEVELOPED. ADDITIONALLY, FOREST CONSERVATION IS BEING PROPOSED FOR LOT 1, TO PRESERVE THE FOREST
- 2. THE IMPROVEMENTS AND DEVELOPED AREA WILL MAINTAIN THE EXISTING DRAINAGE PATTERNS AS CLOSELY AS POSSIBLE. NO IMPACT IS PROPOSED THAT WOULD ALTER ANY NATURAL FLOW PATTERNS.
- 3. THE PROPERTY CONTAINS A HOUSE, IMPERVIOUS GRAVEL DRIVEWAY, AND SEVERAL OUTBUILDINGS AND OUTBUILDING FOUNDATIONS. THE HOUSE AND OUTBUILDINGS ARE TO BE RETAINED. THE EXISTING IMPERVIOUS GRAVEL DRIVEWAY WILL CONTINUE TO SERVE THE EXISTING HOUSE FROM MONTGOMERY ROAD. IN ADDITION, THE EXISTING DRIVE WILL LIE UNDER THE DRIVEWAY FOR LOT 3
- MICRO-BIORETENTION FACILITIES (M-6) WILL PROVIDE STORMWATER QUALITY TREATMENT FOR THE PROPOSED HOUSES AND THE LOT 8 DRIVEWAY. GRASS-SWALES (M-8) WILL PROVIDE STORMWATER QUALITY TREATMENT FOR THE DRIVEWAYS. (EXCEPT LOT 8)
- THE REQUIRED EROSION AND SEDIMENT CONTROL MEASURES WILL BE IN ACCORDANCE WITH THE LATEST MDE STANDARDS AND SPECIFICATIONS UTILIZING SUPER SILT FENCES. NO SEDIMENT TRAPS OR BASINS ARE REQUIRED.
- 6. TABLE 5.2, SUMMARY OF SITE DEVELOPMENT STRATEGIES WAS UTILIZED TO THE EXTENT ALLOWABLE BY THE CURRENT HOWARD COUNTY ZONING AND LAND DEVELOPMENT
- 7. IN DESIGNING THIS PROJECT, IT WAS PLANNED TO MINIMIZE IMPERVIOUS AREAS, AND UTILIZE ESD MEASURES TO THE MEP.

SHEET 1 - ENVIRONMENTAL CONCEPT PLAN

REGULATIONS BY MINIMIZING EARTH DISTURBANCE.

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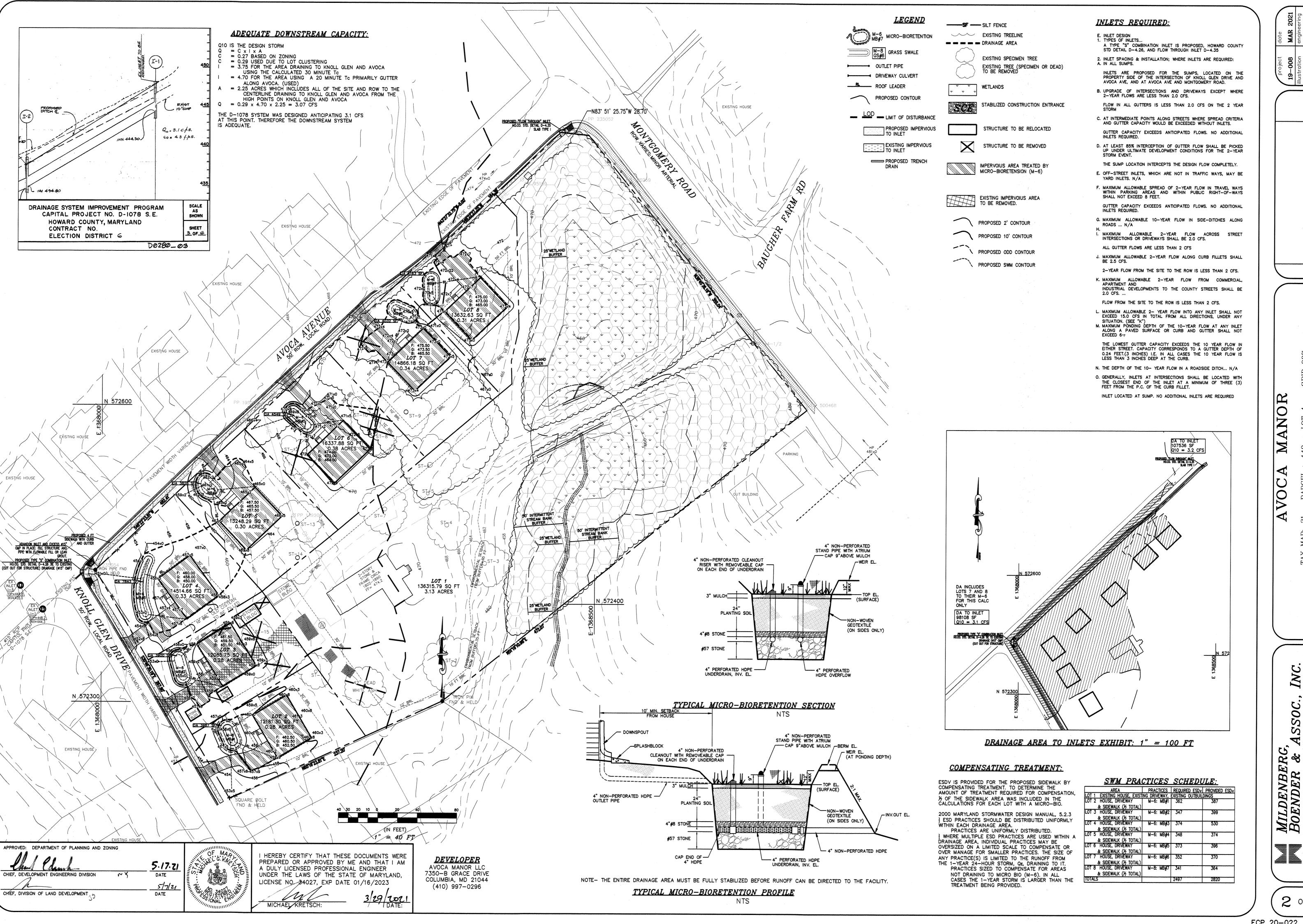
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MARYLAND DETAILS

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