

GENERAL NOTES

- SUBJECT PROPERTY ZONED R-20 PER 10/06/13 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF LOT = 3.009 AC ±
- PREVIOUS HOWARD COUNTY FILE NUMBERS: S-81-028, P-82-012, F-82-107, WP-23-042
- PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE.
- ZZZZ THIS AREA DESIGNATES A PRIVATE SEWAGE AREA OF 6,480 SF AND ACCOMMODATES AN INITIAL SYSTEM AS WELL AS TWO RESERVE SEPTIC SYSTEMS FOR FUTURE USE AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE AREAS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE AREA SHALL NOT BE NECESSARY.
- ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS WITHIN 100 FEET OF THE PROPERTY BOUNDARIES AND ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWN-GRADIENT OF EXISTING OR PROPOSED SEPTIC SYSTEMS AND SEWAGE DISPOSAL AREAS HAVE BEEN FIELD LOCATED.
- DEED REFERENCE: LIBER 21768, FOLIO 245
- PROPERTY ADDRESS: 6626 CORINA COURT, COLUMBIA MARYLAND 21044
- THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY PERFORMED BY SEG LAND SURVEYING, LLC IN DECEMBER OF 2021.
- THE EXISTING TOPOGRAPHY SHOWN HEREON IS TAKEN FROM A FIELD RUN SURVEY WITH TWO-FOOT CONTOUR INTERVALS PREPARED BY SEG LAND SURVEYING, LLC DATED FEBRUARY 2022.
- THE SOILS SHOWN HAVE BEEN TAKEN FROM THE NRCS WEB SOIL SURVEY WEBSITE.
- TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO HISTORIC STRUCTURES OR CEMETERIES WITHIN THE PROJECT BOUNDARY.
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- ANY CHANGE TO THE LOCATIONS OR DEPTHS TO ANY COMPONENTS MUST BE APPROVED BY THE ENGINEER AND THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO INSTALLATION. A REVISED SITE PLAN MAY BE REQUIRED.
- THIS PROJECT WILL BE DESIGNED PER THE COMPLETE STREETS MANUAL, AS NECESSARY.
- A FIELD REVIEW PERFORMED BY SILL ENGINEERING GROUP, LLC, IN JULY OF 2022 HAS CONFIRMED THAT STEEP SLOPES, SOME WETLAND BUFFER, AND STREAM BUFFER ARE PRESENT AT THE REAR OF THE PROPERTY, BUT NOT WITHIN THE AREA OF DEVELOPMENT. NO CEMETERIES OR HISTORIC ELEMENTS ARE KNOWN TO OCCUR ON THE SUBJECT PROPERTY. NO FLOODPLAINS CAN BE FOUND ON SITE.
- ON JULY 22, 2022 SILL ENGINEERING GROUP, LLC PERFORMED A STORMWATER MANAGEMENT BORING TEST AND FOUND NO BEDROCK OR WATER. SEE SHEET 4 FOR THE BORINGS LOGS.
- 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.
- ON 11/28/2022 AN ALTERNATIVE COMPLIANCE REQUEST WAS DENIED FOR SECTION 16.155(a) OF THE HOWARD COUNTY SUBDIVISION AND LAND REGULATIONS TO USE THE PROCESSING AND ACCEPTNACE OF AN ENVIRONMENTAL CONCEPT PLAN AS SUBSTITUTE FOR THE SITE DEVELOPMENT PLAN PROCESS. THE ALTERNATIVE COMPLIANCE REQUEST WP-23-042 WAS DENIED BY THE DIRECTOR OF THE DEPARTMENT OF PLANNING AND ZONING.
- PER THE HOWARD COUNTY SUBDIVISION & LAND DEVELOPMENT REGULATIONS CODE FOR FOREST CONSERVATION SECTION 16.120(b)(2)(i)(a) THIS DEVELOPMENT IS EXEMPT WITH A DECLARATION OF INTENT, FROM THE REQUIREMENTS BECAUSE CLEARING OF FOREST RESOURCES IS LESS THAN 20,000 SQUARE FEET IN SIZE.
- APPROVAL OF THIS ENVIRONMENTAL CONCEPT PLAN DOES NOT CONSTITUTE AN APPROVAL OF ANY SUBSEQUENT AND ASSOCIATED SUBDIVISION PLAN/PLAT AND/OR SITE DEVELOPMENT PLAN AND/OR REVISION PLAN. REVIEW OF THIS PROJECT FOR COMPLIANCE WITH THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS SHALL OCCUR AT THE SUBDIVISION PLAN/PLAT AND/OR SITE DEVELOPMENT PLAN STAGES AND/OR REDLINE REVISION PROCESS. THE APPLICANT AND CONSULTANT SHOULD EXPECT ADDITIONAL AND MORE DETAILED REVIEW COMMENTS (INCLUDING COMMENTS THAT MAY ALTER THE OVERALL SITE DESIGN) AS THIS PROJECT PROGRESSES THROUGH THE PLAN REVIEW PROCESS.

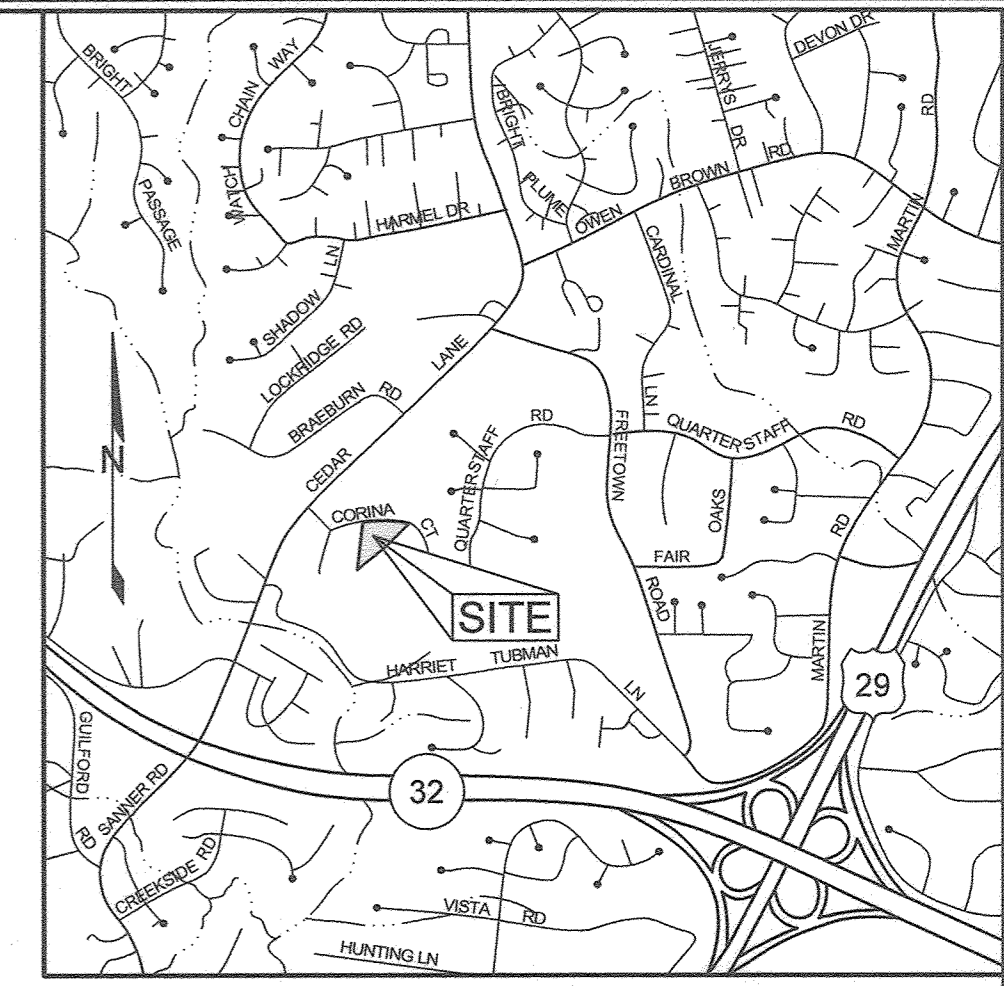
ENVIRONMENTAL CONCEPT PLAN

MOSMAN PROPERTY

HOWARD COUNTY, MARYLAND

LEGEND

- EXISTING GIS CONTOUR
- EXISTING FIELD RUN CONTOUR
- PROPOSED CONTOUR
- SOIL BOUNDARY
- EXISTING FENCE
- EXISTING TREELINE
- PROPOSED TREELINE
- EXISTING STREAM
- STREAM BUFFER
- WETLAND BUFFER
- ROAD CENTERLINE
- EXISTING TREE
- MODERATE SLOPES, 15-24.99%
- STEEP SLOPES, 25% OR GREATER
- EXISTING SEWAGE DISPOSAL
- EXISTING WELL
- PROPOSED FUTURE WELL

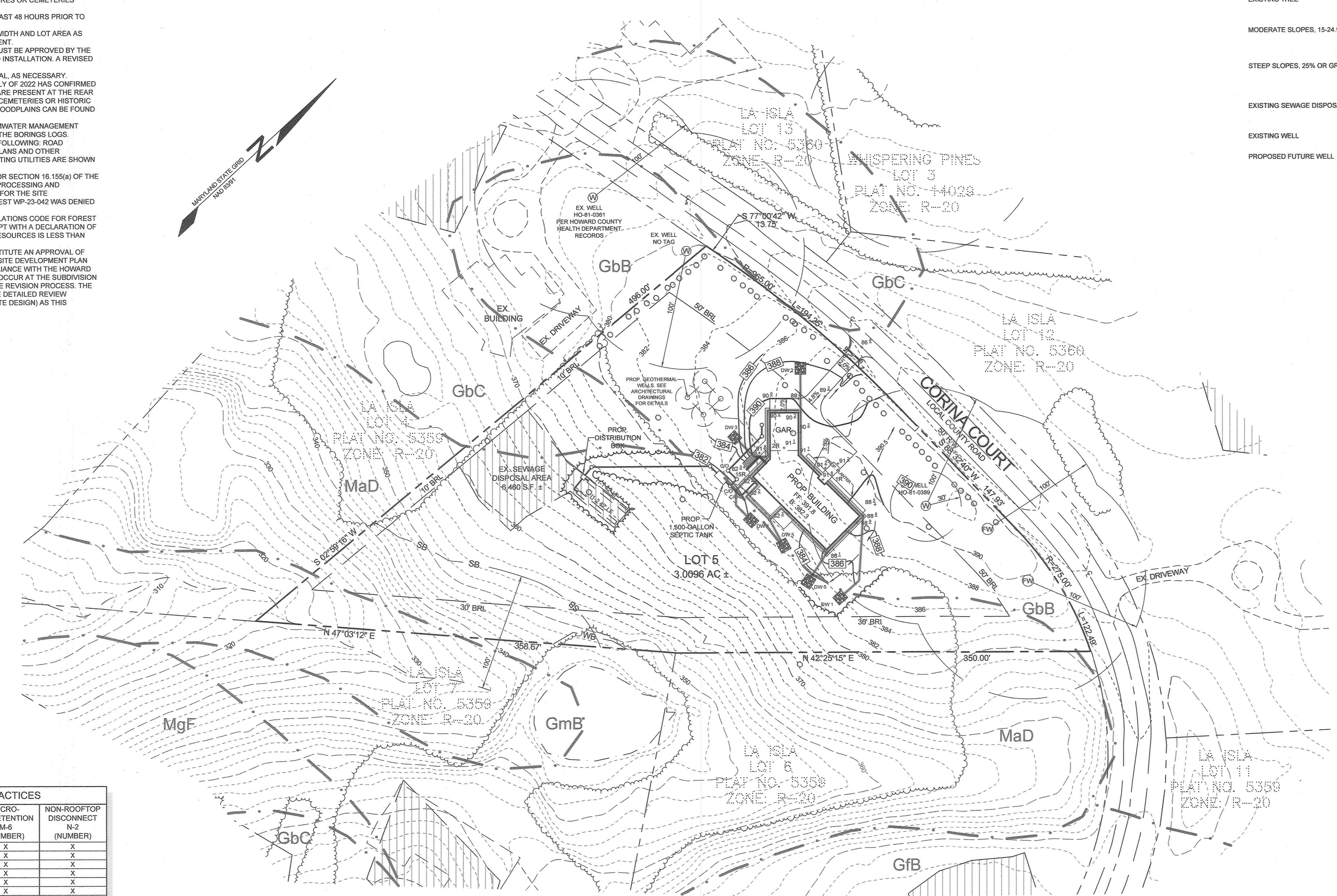


HOWARD COUNTY, MARYLAND ADC MAP 15 GRIDS C10 & C11
VICINITY MAP
SCALE: 1"=200'

SITE ANALYSIS DATA SHEET

ENVIRONMENTAL AREA	SIZE OR USE
TOTAL PROJECT AREA	3.0096 AC ±
ROW TO BE DEDICATED	N/A
PROPOSED PROJECT AREA	3.0096 AC ±
LIMIT OF DISTURBANCE	0.8487 AC ±
GREEN OPEN AREA (LAWN)	1.2388 AC ±
PROPOSED IMPERVIOUS AREA	0.2310 AC ±
PROPOSED SITE USES	RESIDENTIAL
STREAM BUFFERS	0.3600 AC ±
WETLANDS	0 AC ±
WETLAND BUFFERS	0 AC ±
FLOODPLAINS	0 AC ±
FLOODPLAIN BUFFERS	0 AC ±
EXISTING FOREST	1.5698 AC ±
SLOPES 15%-24.9%	0.9567 AC ±
SLOPES GREATER THAN 25%	0.3901 AC ±
HIGHLY ERODIBLE SOILS	0 AC ±

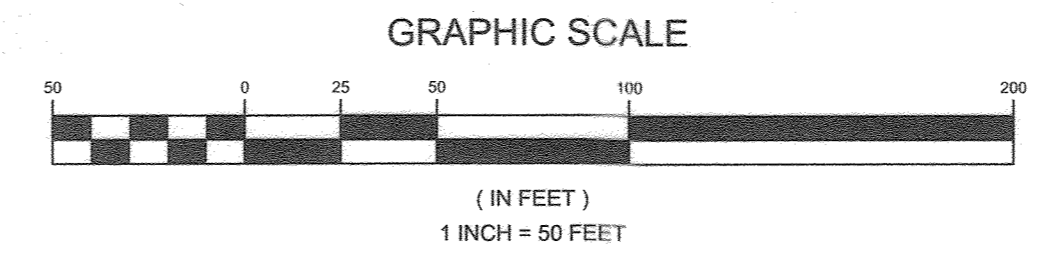
- * NOTES:
- SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE, WEB SOIL SURVEY.
 - HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A SLOPE GREATER THAN 15 PERCENT OR THOSE SOILS WITH A SOIL ERODIBILITY FACTOR 'K' GREATER THAN 0.35 AND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



PLAN VIEW
SCALE: 1"=50'

STORMWATER MANAGEMENT SUMMARY TABLE

PARCEL/LOT	P _o		ESD _v		RECHARGE		SWM PRACTICES	
	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	DRYWELL	NON-ROOFTOP DISCONNECT
113, LOT 5	1.5"	2.00"	1,063 CF	1,071 CF	227 CF	227 CF	6	2



OWNER/DEVELOPER

MIKE MOSMAN
7614 SWEET HOURS WAY
COLUMBIA, MARYLAND 21046
MIKEMOSMAN@AOL.COM
410-336-0803

STORMWATER MANAGEMENT PRACTICES

LOT NUMBER	ADDRESS	DRY WELLS M-5 (NUMBER)	MICRO-BIORETENTION M-6 (NUMBER)	NON-ROOFTOP DISCONNECT N-2 (NUMBER)
LOT 5	6626 CORINA COURT	#1	X	X
LOT 5	6626 CORINA COURT	#2	X	X
LOT 5	6626 CORINA COURT	#3	X	X
LOT 5	6626 CORINA COURT	#4	X	X
LOT 5	6626 CORINA COURT	#5	X	X
LOT 5	6626 CORINA COURT	#6	X	X
LOT 5	6626 CORINA COURT	X	X	#1
LOT 5	6626 CORINA COURT	X	X	#2

* SEE SHEET 4 OF 4 FOR GRADING.

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 WHERE POSSIBLE. THE AREA OF DEVELOPMENT WAS DESIGNED TO AVOID DISTURBING AREAS OF STEEP SLOPES. NO STREAMS OR WETLANDS EXIST WITHIN THE AREA OF DEVELOPMENT.
- TO THE GREATEST EXTENT PRACTICABLE THE NATURAL FLOW PATTERNS OF THE SITE HAVE BEEN MAINTAINED.
- IMPERVIOUS AREAS HAVE BEEN REDUCED BY POSITIONING THE BUILDING AS CLOSE TO THE USE-IN-COMMON DRIVEWAY AS THE SETBACKS AND GRADES ALLOW.
- A STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCE IS USED AS SEDIMENT AND EROSION CONTROLS.
- THE STORMWATER MANAGEMENT OBLIGATIONS FOR THIS PARCEL WILL BE MET BY THE USE OF SIX DRYWELLS (M-5) AND TWO NON-ROOFTOP DISCONNECTS (N-2).
- AN ALTERNATIVE COMPLIANCE PETITION TO SECTION 16.155(a)(2)(i) HAS BEEN SUBMITTED FOR REVIEW.

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 12.21.22
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

[Signature] 12.19.22
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

SHEET INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	EXISTING CONDITIONS PLAN
3	CONCEPTUAL GRADING, SEDIMENT AND EROSION CONTROL PLAN
4	CONCEPTUAL STORMWATER MANAGEMENT PLAN, DRAINAGE AREA MAP AND BORING LOGS

COVER SHEET
MOSMAN PROPERTY
6626 CORINA COURT

TAX MAP 35 GRID 23
5TH ELECTION DISTRICT

PARCEL 113, LOT 5
HOWARD COUNTY, MARYLAND

STATE OF MARYLAND
PAUL M. SILL
PROFESSIONAL ENGINEER
No. 32028

SILL ENGINEERING GROUP, LLC
16005 Frederick Road, 2nd Floor
Woodbine, Maryland 21797
Phone: 443.325.5076
Fax: 410.696.2022
Email: info@sillengineering.com
Civil Engineering for Land Development

DESIGN BY: PS
DRAWN BY: TB
CHECKED BY: PS
SCALE: AS SHOWN
DATE: DECEMBER 13, 2022
PROJECT #: 21-098
SHEET #: 1 of 4

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. 32028, EXPIRATION DATE JUNE 20, 2023

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
GbB	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	A	0.28
GbC	GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES	A	0.28
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C/D	0.37
MaD	MAVOR LOAM, 15 TO 25 PERCENT SLOPES	B	0.28

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.

LEGEND		
EXISTING GIS CONTOUR	--- 382	MODERATE SLOPES, 15-24.99%
EXISTING FIELD RUN CONTOUR	--- 382	STEEP SLOPES, 25% OR GREATER
SOIL BOUNDARY	--- X ---	EXISTING SEWAGE DISPOSAL
EXISTING FENCE	--- X ---	EXISTING PASSED PERCOLATION TEST HOLE, PER HOWARD COUNTY HEALTH DEPARTMENT RECORDS
EXISTING TREELINE	--- X ---	PASSED PERCOLATION TEST HOLE
EXISTING STREAM	--- X ---	FAILED PERCOLATION TEST HOLE
STREAM BUFFER	SB	EXISTING WELL
WETLAND BUFFER	WB	
ROAD CENTERLINE	--- C ---	
EXISTING TREE	O	



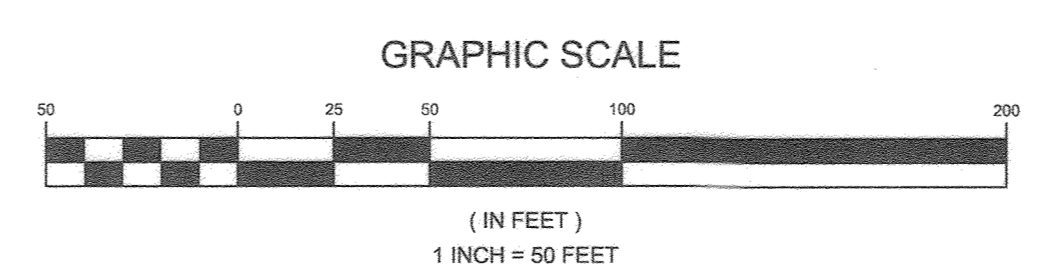
N 554,850
E 1,343,300

N 555,250
E 1,343,300



PLAN VIEW
SCALE: 1"=50'

E 1,343,900
N 554,850



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 DATE: 12-21-22

OWNER/DEVELOPER
 MIKE MOSMAN
 7514 SWEET HOURS WAY
 COLUMBIA, MARYLAND 21046
 MIKEMOSMAN@AOL.COM
 410-336-0803

EXISTING CONDITIONS PLAN
MOSMAN PROPERTY
 6626 CORINA COURT

TAX MAP 35 GRID 23
5TH ELECTION DISTRICT

PARCEL 113, LOT 5
HOWARD COUNTY, MARYLAND

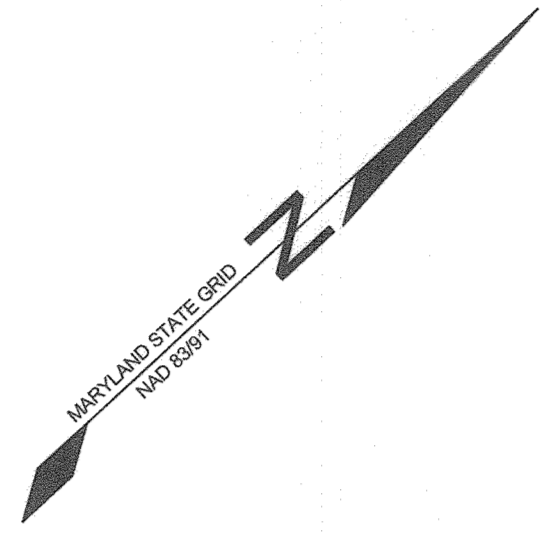
	<p>SILL ENGINEERING GROUP, LLC</p> <p>16005 Frederick Road, 2nd Floor Woodbine, Maryland 21797 Phone: 443.325.9076 Fax: 410.696.2022 Email: info@sillengineering.com Civil Engineering for Land Development</p>	<p>DESIGN BY: PS DRAWN BY: TB CHECKED BY: PS SCALE: AS SHOWN DATE: DECEMBER 13, 2022 PROJECT #: 21-098 SHEET #: 2 of 4</p>
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SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
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GbC	GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES	A	0.28
GmB	GLENNVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	CD	0.37
MaD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	0.28

NOTES:
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LEGEND	
EXISTING GIS CONTOUR	--- 382
EXISTING FIELD RUN CONTOUR	--- 382
PROPOSED CONTOUR	--- 382
SOIL BOUNDARY	---
EXISTING FENCE	-X-
EXISTING TREELINE	~ ~ ~
PROPOSED TREELINE	~ ~ ~
EXISTING STREAM	---
STREAM BUFFER	SB
WETLAND BUFFER	WB
ROAD CENTERLINE	---C---
EXISTING TREE	O
MODERATE SLOPES, 15-24.99%	[Pattern]
STEEP SLOPES, 25% OR GREATER	[Pattern]
EXISTING SEWAGE DISPOSAL AREA	[Pattern]
EXISTING WELL	⊕
PROPOSED FUTURE WELL	⊕
STABILIZED CONSTRUCTION ENTRANCE	[Pattern]
SILT FENCE	---SF---
LIMIT OF DISTURBANCE	---LOD---



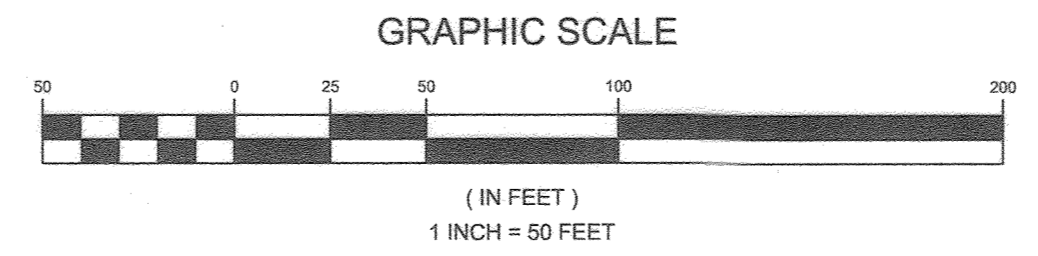
N 554.450
E 1,343.300

N 555.250
E 1,343.300



PLAN VIEW
SCALE: 1"=50'

E 1,343.900
N 554.450



APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 [Signature] 12.21.22
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
 [Signature] 12/19/22
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

OWNER/DEVELOPER
 MIKE MOSMAN
 7514 SWEET HOURS WAY
 COLUMBIA, MARYLAND 21046
 MIKEMOSMAN@AOL.COM
 410-536-0803

CONCEPTUAL GRADING, SEDIMENT AND EROSION CONTROL PLAN
 MOSMAN PROPERTY
 6626 CORINA COURT
 TAX MAP 35 GRID 23 5TH ELECTION DISTRICT
 PARCEL 113, LOT 5 HOWARD COUNTY, MARYLAND

		DESIGN BY: PS
		DRAWN BY: TB
		CHECKED BY: PS
		SCALE: AS SHOWN
		DATE: DECEMBER 13, 2022
PROJECT #: 21-098	SHEET #: 3 of 4	

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, 2023

SOILS LEGEND			
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR
GbB	GLADSTONE LOAM, 3 TO 8 PERCENT SLOPES	A	0.28
GbC	GLADSTONE LOAM, 8 TO 15 PERCENT SLOPES	A	0.28
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	C/D	0.37
MaD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	B	0.28

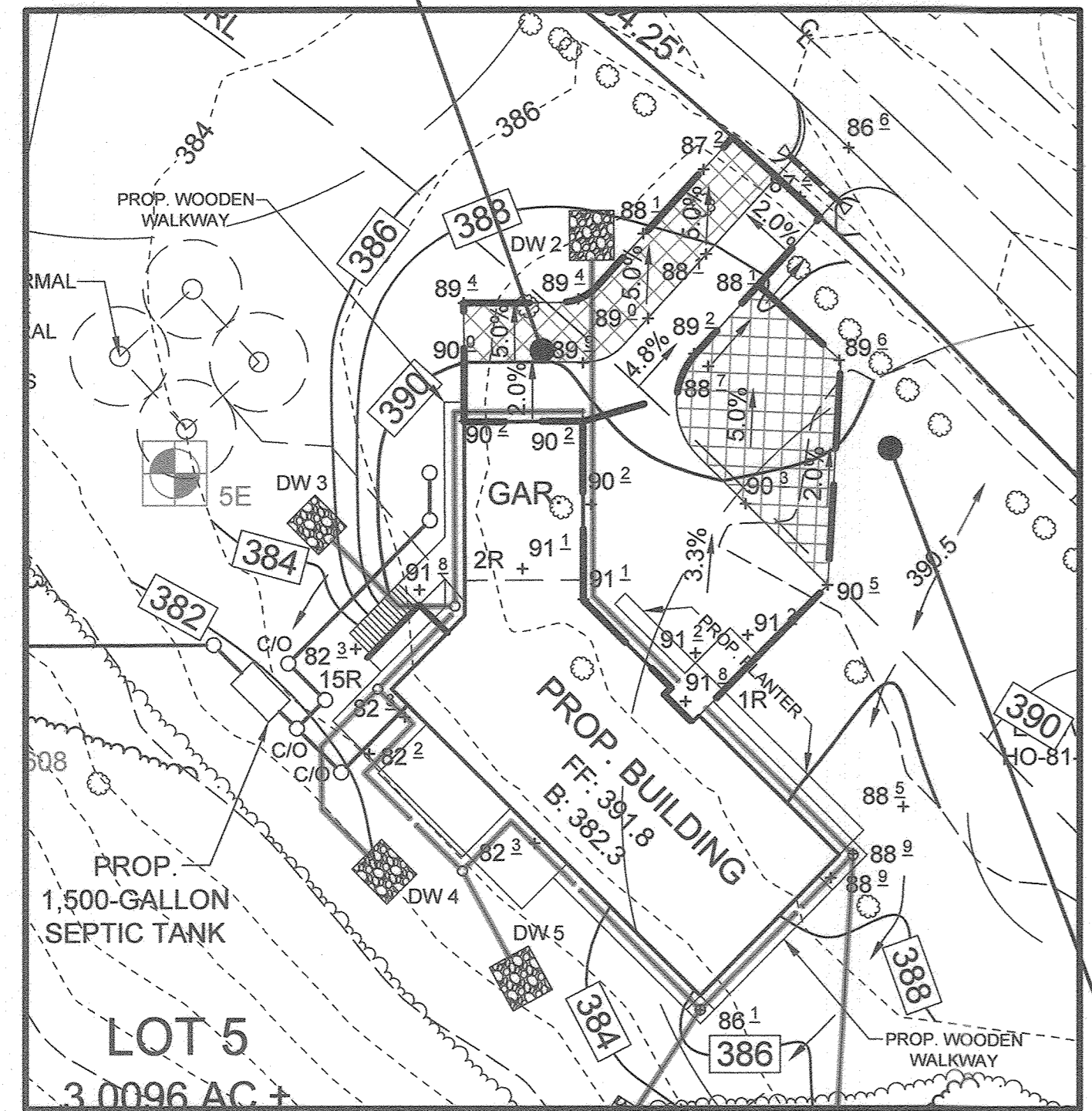
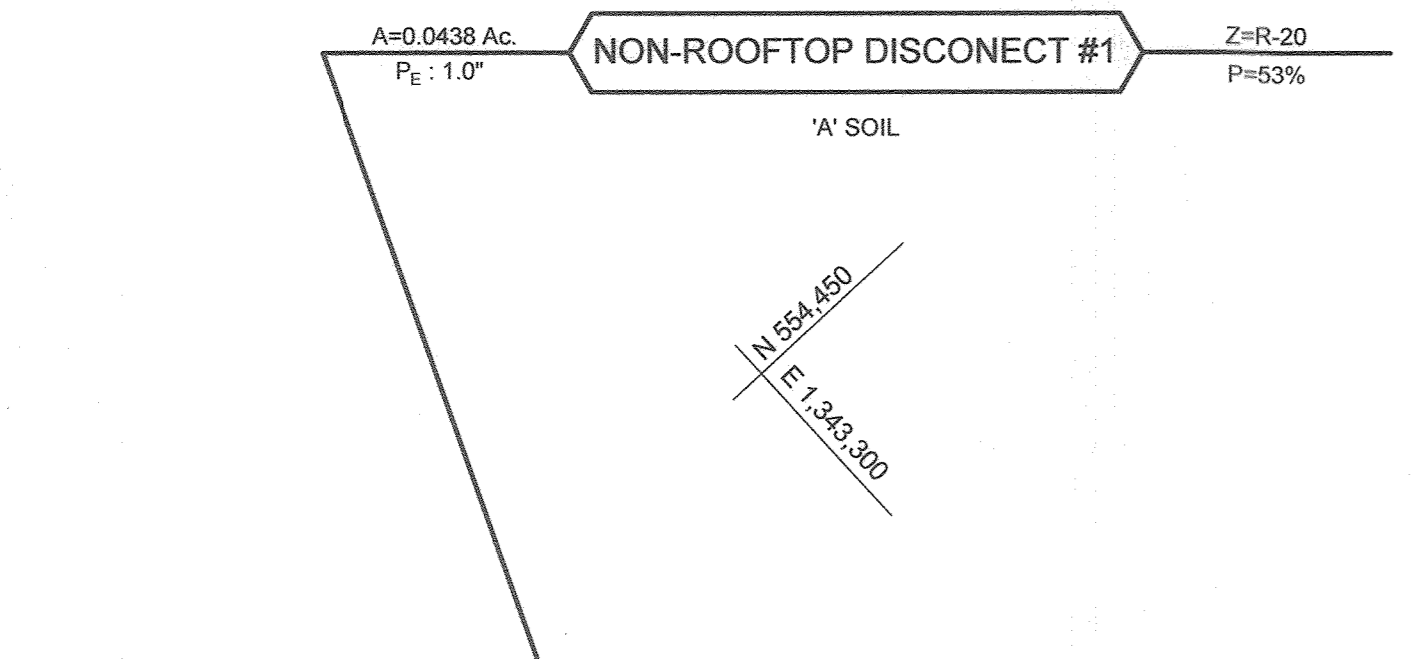
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STORMWATER MANAGEMENT DESIGN CHART						
PARCEL	SWM PRACTICE	VOLUME REQUIRED	VOLUME PROVIDED	P ₀ REQUIRED	P ₀ TREATED	WELL SIZE
113	DW 1	87 CF	161.5 CF	1.5"	2.72"	9.5' X 8.5' X 5.0' DEEP
113	DW 2	96 CF	180 CF	1.5"	2.87"	10.0' X 9.0' X 5.0' DEEP
113	DW 3	65 CF	144 CF	1.5"	3.33"	9.0' X 8.0' X 5.0' DEEP
113	DW 4	83 CF	170 CF	1.5"	3.09"	10.0' X 8.5' X 5.0' DEEP
113	DW 5	113 CF	180 CF	1.5"	2.42"	10.0' X 9.0' X 5.0' DEEP
113	DW 6	105 CF	180 CF	1.5"	2.60"	10.0' X 9.0' X 5.0' DEEP
113	NRD 1	83 CF	83 CF	1.0"	1.0"	-
113	NRD 2	148 CF	148 CF	1.0"	1.0"	-
TOTAL		789 CF	1,246.5 CF	1.5"	2.38"	-

NOTE: THE ENVIRONMENTAL SITE DESIGN REQUIREMENT IS 1,246 CF. DRYWELLS 1 AND 2 WERE OVER SIZED TO TREAT THE REMAINING ESDV AND 0.5" OF RAINFALL THAT COULD NOT BE TREATED BY NON-ROOFTOP DISCONNECTS 1&2. DRYWELLS 3 THROUGH 6 WERE OVERSIZED TO MEET THE SITE ESDV REQUIREMENT.

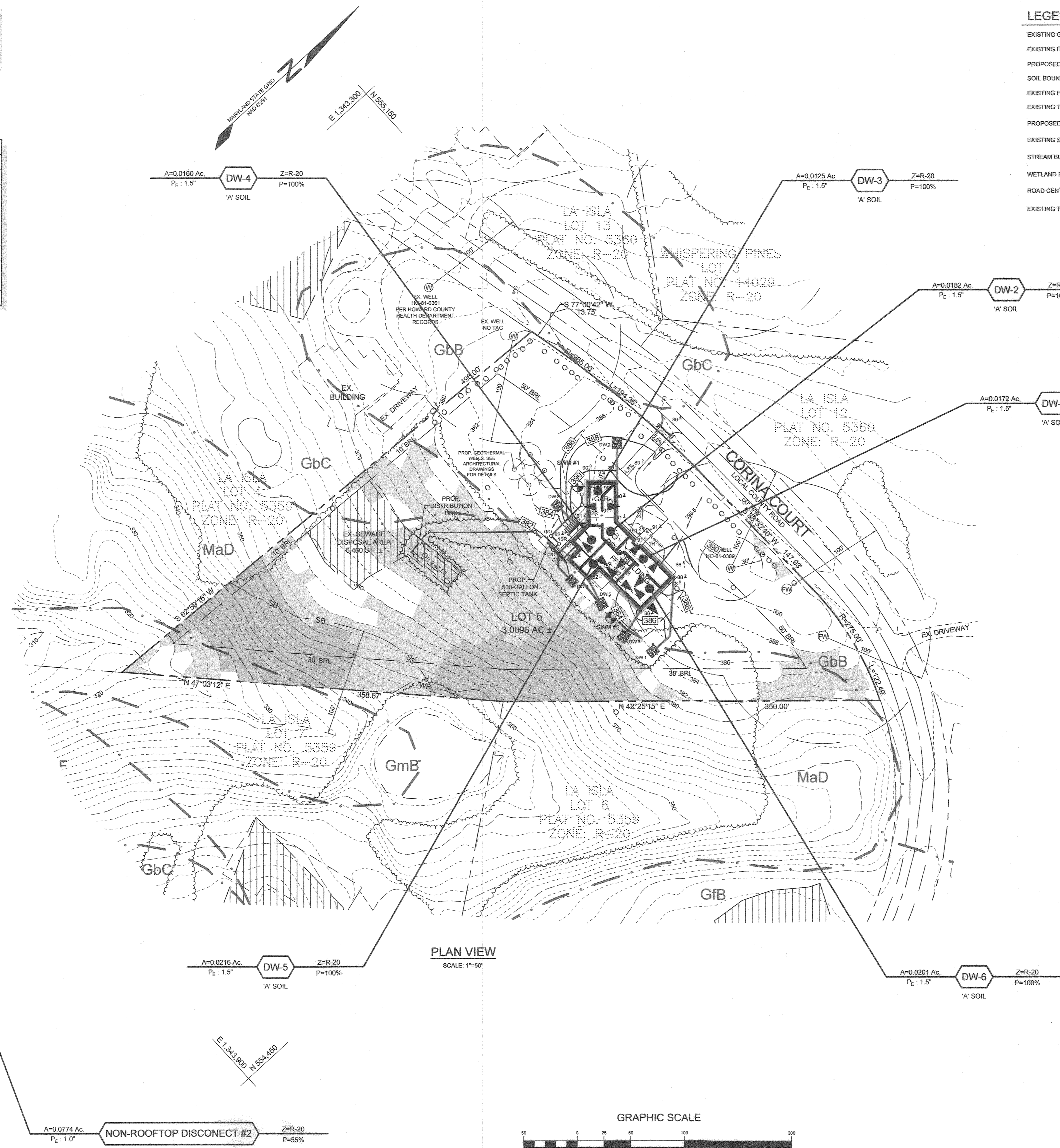
OPERATION AND MAINTENANCE SCHEDULE FOR ROOFTOP (N-1) AND NON-ROOFTOP (N-2) DISCONNECTS

MAINTENANCE OF AREAS RECEIVING DISCONNECTED RUNOFF IS GENERALLY NO DIFFERENT THAN THAT REQUIRED FOR THE OTHER LAWN OR LANDSCAPED AREAS. THE AREAS RECEIVING RUNOFF SHOULD BE PROTECTED FROM FUTURE COMPACTION (E.G. BY PLANTING TREES OR SHRUBS ALONG THE PERIMETER).

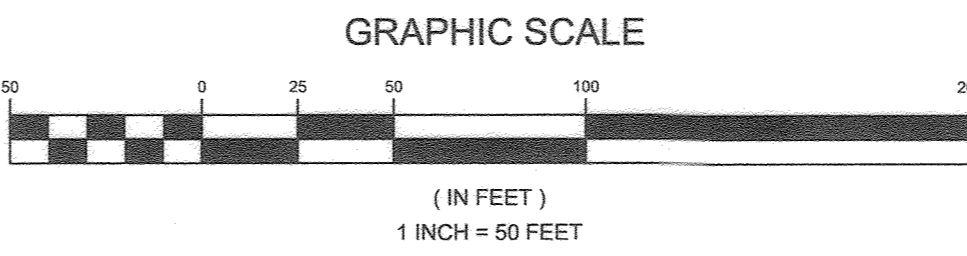


NON-ROOFTOP DISCONNECT PLAN VIEW
SCALE: 1"=30'

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 DATE: 12-21-22
 CHIEF, DIVISION OF LAND DEVELOPMENT
 DATE: 12/15/22



PLAN VIEW
SCALE: 1"=50'



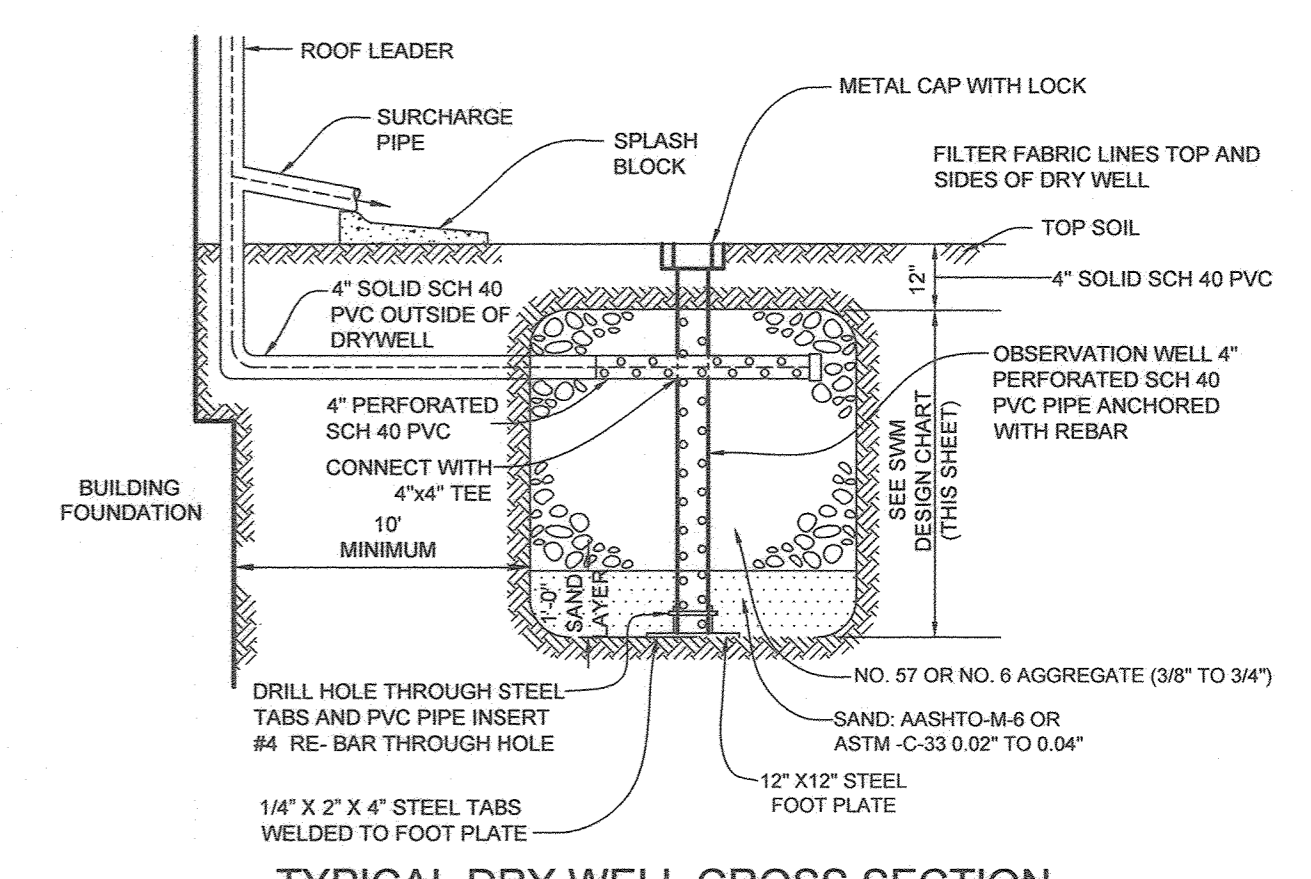
LEGEND		
EXISTING GIS CONTOUR	- - - - -	382
EXISTING FIELD RUN CONTOUR	- - - - -	382
PROPOSED CONTOUR	- - - - -	382
SOIL BOUNDARY	- - - - -	
EXISTING FENCE	- - - - -	
EXISTING TREELINE	- - - - -	
PROPOSED TREELINE	- - - - -	
EXISTING STREAM	- - - - -	
STREAM BUFFER	- - - - -	
WETLAND BUFFER	- - - - -	
ROAD CENTERLINE	- - - - -	
EXISTING TREE	○	
MODERATE SLOPES, 15-24.99%	[Pattern]	
STEEP SLOPES, 25% OR GREATER	[Pattern]	
EXISTING SEWAGE DISPOSAL AREA	[Pattern]	
EXISTING WELL	⊙	
PROPOSED FUTURE WELL	⊙	
PROPOSED STORMWATER MANAGEMENT BORING	⊙	
DRAINAGE DIVIDE	▲	
NON-ROOFTOP DISCONNECT AREA	[Pattern]	

STORMWATER MANAGEMENT BORING 1:
 0.0' - 9.0' TOPSOIL
 9.0' - 8.0' SILTY CLAY, REDDISH-BROWN IN COLOR WITH SOME SAND PRESENT
 8.0' - 9.0' LIGHT BROWN IN COLOR, SMALL COBBLE PRESENT
 9.0' - 10.0' SANDY LOAM WITH SMALL AMOUNTS OF CLAY, GRAY IN COLOR WITH COBBLE PRESENT
 * AT 10.0', NO WATER WAS ENCOUNTERED, NO BEDROCK PRESENT.

STORMWATER MANAGEMENT BORING 2:
 0.0' - 1.0' TOPSOIL
 1.0' - 4.0' SANDY CLAY, REDDISH-BROWN IN COLOR, LARGER COBBLE PRESENT
 4.0' - 8.0' SANDY, LIGHT BROWN IN COLOR, WITH SOME COBBLE PRESENT
 8.0' - 10.0' SANDY WITH CLAY, MIX OF GRAY AND REDDISH IN COLOR, COBBLE PRESENT
 * AT 10.0', NO WATER WAS ENCOUNTERED, NO BEDROCK PRESENT.

STORMWATER MANAGEMENT BORING LOGS

NOT TO SCALE



TYPICAL DRY WELL CROSS SECTION
NOT TO SCALE

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED DRY WELLS (M-5)

- THE MONITORING WELLS AND STRUCTURES SHALL BE INSPECTED ON A QUARTERLY BASIS AND AFTER EVERY LARGE STORM EVENT.
- WATER LEVELS AND SEDIMENT BUILD UP IN THE MONITORING WELLS SHALL BE RECORDED OVER A PERIOD OF SEVERAL DAYS TO INSURE TRENCH DRAINAGE.
- A LOG BOOK SHALL BE MAINTAINED TO DETERMINE THE RATE AT WHICH THE FACILITY DRAINS.
- WHEN THE FACILITY BECOMES CLOGGED SO THAT IT DOES NOT DRAIN DOWN WITHIN THE 72 HOURS TIME PERIOD, CORRECTIVE ACTION SHALL BE TAKEN.
- THE MAINTENANCE LOG BOOK SHALL BE AVAILABLE TO HOWARD COUNTY FOR INSPECTION TO INSURE COMPLIANCE WITH OPERATION AND MAINTENANCE CRITERIA.
- ONCE THE PERFORMANCE CHARACTERISTICS OF THE INFILTRATION FACILITY HAVE BEEN VERIFIED, THE MONITORING SCHEDULE CAN BE REDUCED TO AN ANNUAL BASIS UNLESS THE PERFORMANCE DATA INDICATES THAT A MORE FREQUENT SCHEDULE IS REQUIRED.

CONCEPTUAL STORMWATER MANAGEMENT PLAN,
 DRAINAGE AREA MAP, AND BORING LOGS
 MOSMAN PROPERTY
 6626 CORINA COURT
 TAX MAP 35 GRID 23 5TH ELECTION DISTRICT
 PARCEL 113, LOT 5
 HOWARD COUNTY, MARYLAND

		DESIGN BY: PS
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	SCALE: AS SHOWN DATE: DECEMBER 13, 2022 PROJECT #: 21-098 SHEET #: 4 of 4	

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, 2023