

Maura J. Rossman, M.D., Health Officer

Bureau of Environmental Health
8930 Stanford Boulevard, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
Facebook: www.facebook.com/hocohealth

RECEIPT DATE: 7-15-25 ONSITE SEWAGE DISPOSAL SYSTEM P 589128

APPROVAL DATE: 8/18/2025 PERMIT: NEW CONSTRUCTION A

PROPERTY ADDRESS: 3730 Sofia Court, Glenwood, MD 21738

SUBDIVISION: LOT: 38 TAX ID: 1404366166

CONTRACTOR: Freedom Septic EMAIL:

CONTRACTOR ADDRESS: PHONE:

PROPERTY OWNER: Jesudoss Jeychandran EMAIL:

OWNER ADDRESS: 3730 Sofia Court PHONE: 410-370-2383

SEPTIC TANK SIZE: 1500 Gal. PUMP SIZE: PUMP TANK CAPACITY:

DISTRIBUTION SYSTEM: [X] GRAVITY [] PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.8

Table with 2 columns: Field (TRENCHES, LOCATION, NOTES) and Value (LINEAR FEET REQUIRED: 156, TRENCH WIDTH: 3', MINIMUM SPACE BETWEEN TRENCHES: 10', LOCATION: SYSTEM TO BE STAKED BY DESIGNER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION, NOTES: Install per approved OSDS plan, gravity system. 2 @ 79')

ISSUED BY: Melanie Estenbaugh ISSUE DATE: 7-17-25 EXPIRATION DATE: 7-17-26

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
NOTE: CONTRACTOR REGISTERED WITH THE STATE OF MD ON-SITE WASTEWATER PROFESSIONALS BOARD: CONFIRMED []
NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADE FROM ANY WATER WELL
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM
[X] ELECTRICAL PERMIT ISSUED E N/A
NOTE: THE HCHD DOES NOT WARRANT ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.
NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.
CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

NOT TO SCALE

See separate
sheet for
As-Built

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH 3' INLET 3.5' BOTTOM 7'

NUMBER OF TRENCHES 2

TOTAL LENGTH 156'

ABSORPTION AREA 468 FT³

DISTRIBUTION BOX LEVEL yes

DISTRIBUTION BOX BAFFLE yes

DISTRIBUTION BOX PORT yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL yes

MANUFACTURER BabyLinn

CAPACITY 1500 GAL

SEAM LOC top

TANK LID DEPTH 1=2'

BAFFLES 6" front & 4" back

BAFFLE FILTER —

MANHOLE LOC front & back

6" PORT LOC —

WATERTIGHT TEST —

SLOTTED yes

DATE ON LID 7/14/2025

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER —

CAPACITY — GAL

SEAM LOC —

TANK LID DEPTH —

BAFFLES —

BAFFLE FILTER —

MANHOLE LOC —

6" PORT LOC —

WATERTIGHT TEST —

SLOTTED —

DATE ON LID —

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Don Farrow
SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:

7/23/2025 - Installer onsite for pre-con, tank, trenches, & SOA spread
Silt fence installed right along bottom trench, standing water along 50' of lower trench (see attached photo).
Moved trench ~ 4' up further from standing water. trench lengths 79' each, on center within 3", & 13'-14'
report center line to center line. Installer or Builder to remove fence off SOA so water is recanted. (P)

INSTALLATION NOTES:

8/15/2025 - Installer onsite for inspection. front septic line installed, alternate fall to st. 3" HD 40 PVC used. st has 6" front
baffle & 2'-1" of corr. pipe to backfill. (P)
8/18/2025 - Installer onsite for inspection. Back line installed, D-box installed. leveled d-box, 22" baffle & d-box port. trenches 78' & 210' EIE, inlet per plan. Stone & Farrow ok-ok to BAK, SM. (P)

CONTROL PANEL DATA

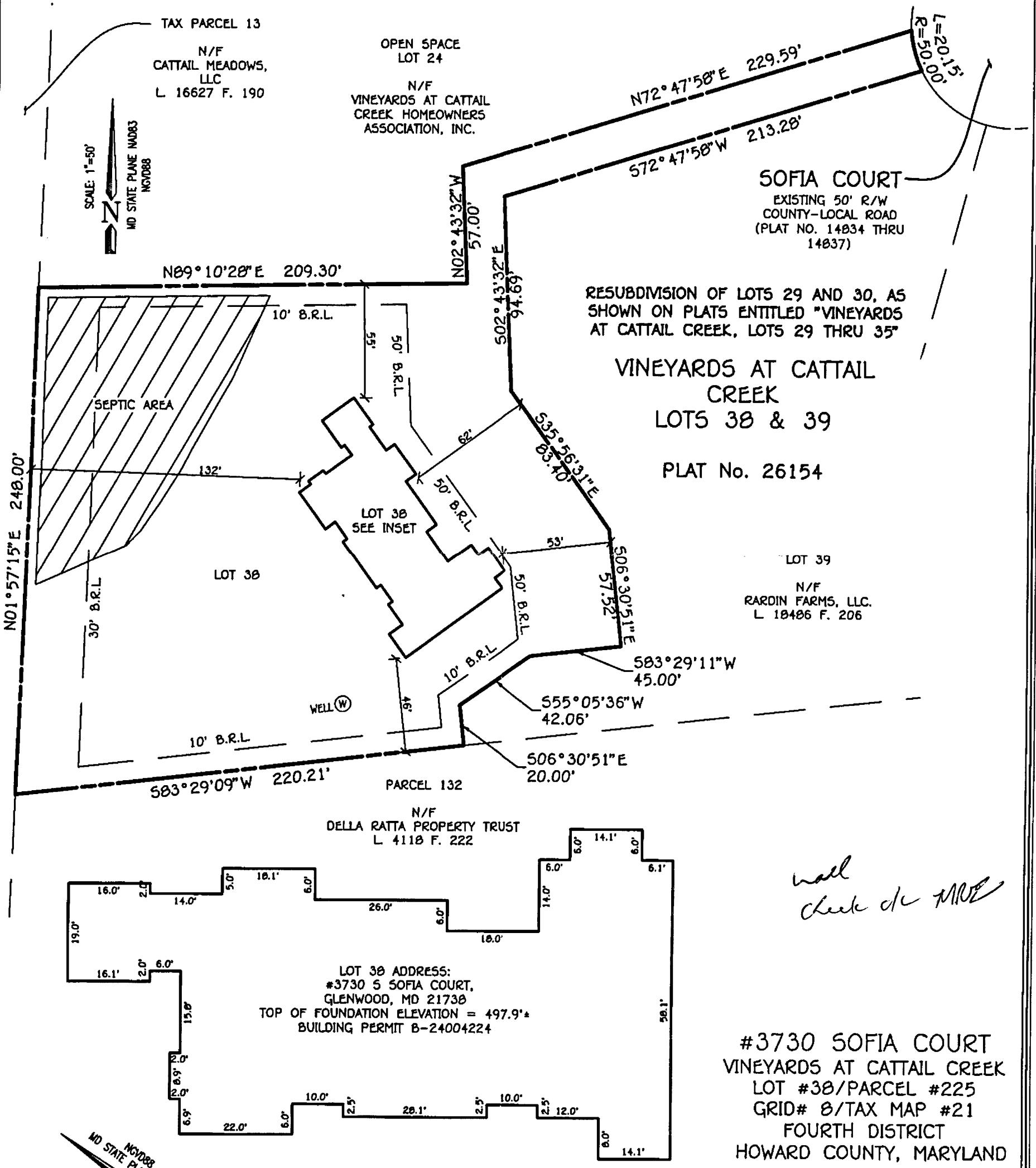
CONTROL PANEL HEIGHT —
(MIN 30")

INSPECTION DATE —

INSPECTION: PASS/FAIL (CIRCLE ONE)

GENERAL NOTES:

- 1) THE PURPOSE OF THIS SURVEY IS TO REPRESENT THE POSITION OF THE POURED CONCRETE FOUNDATION AND OTHER VISIBLE IMPROVEMENTS AFFECTING THE SUBJECT PROPERTY BASED OFF OF A FIELD RUN SURVEY PERFORMED JUNE 23RD, 2025.
- 2) THIS SURVEY IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES.
- 3) DIMENSIONS TO THE BOUNDARY LINES SHOWN HEREON ARE PLUS OR MINUS ONE HALF A FOOT (0.50').
- 4) THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE X, WHICH IS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD HAZARD, AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP FOR HOWARD COUNTY, MARYLAND, MAP NUMBER 24027C0045D WITH AN EFFECTIVE DATE OF NOVEMBER 06, 2013.
- 5) NO TITLE REPORT WAS REVIEWED AND IS SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 6) BUILDING PERMIT: B24004224
- 7) THE EXISTING WELL SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-14-0097) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- 8) SURVEYORS CERTIFICATION: I HEREBY CERTIFY THAT THE INFORMATION SHOWN HEREON WAS OBTAINED USING ACCEPTED LAND SURVEYING PRACTICES; AND THAT THE BOUNDARY INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE DEEDS AND RECORDS; AND THAT THIS PLAT AND THE SURVEY ON WHICH IT IS BASED ON WERE PREPARED UNDER MY RESPONSIBLE CHARGE AND ARE IN COMPLIANCE WITH COMAR REGULATION 09.13.06.12; AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21476, EXPIRATION DATE JULY 14, 2027.



wall check de MRE

#3730 SOFIA COURT
VINEYARDS AT CATTAIL CREEK
LOT #38/PARCEL #225
GRID# 8/TAX MAP #21
FOURTH DISTRICT
HOWARD COUNTY, MARYLAND

BUILDING INSET
SCALE: 1" = 20'

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

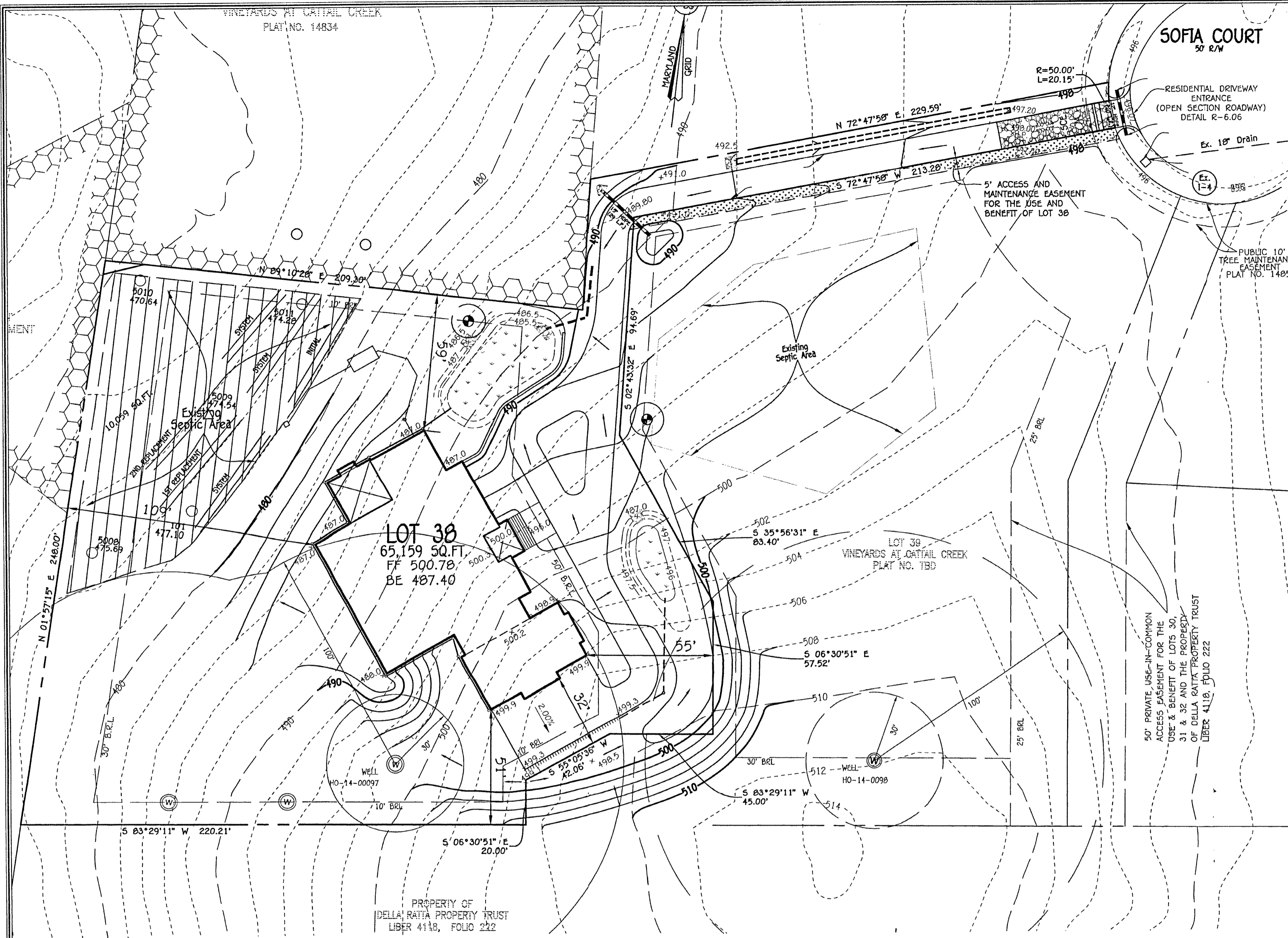
STATE OF MARYLAND
FRANK JOHN MANIANGAS
PROFESSIONAL LAND SURVEYOR
REG. #21476 EXP. 07/14/2027

Frank John Manianguas
DATE: 06/26/2025

SPECIAL PURPOSE SURVEY

FOUNDATION LOCATION: 06/23/25
FINAL LOCATION: _____
BOUNDARY SURVEY: _____

SCALE: 1"=50'
DATE: 06/26/2025
DRAWN BY: ZCB
CHECKED BY: EJM II
PROJECT No.: 24020



PLAN
SCALE: 1" = 30'

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2. THE MAXIMUM EARTH COVER OVER THE TANK IS 3 FEET. GREATER EARTH COVER WILL REQUIRE A HEAVY LOAD BEARING TANK.
3. THE WELL HO-17-0097 HAS BEEN FIELD LOCATED AND IS ACCURATELY SHOWN.
4. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.



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. 20748, EXPIRATION DATE: 02/22/2023.

Scott Rardin
Signature of Professional Engineer 9/16/2022 DATE

FFE 500.78
BSE 487.40
INV. OUT OF HOUSE = 484.40
PROP. GROUND AT CLEANOUT #1 = 486
INV. INTO CLEANOUT = 484.07
INV. OUT OF CLEANOUT = 479.05
EX. GROUND AT SEPTIC TANK = 480.05
TOP OF SEPTIC TANK = 478.35
INV. INTO SEPTIC TANK = 477.35
INV. OUT OF SEPTIC TANK = 477.1
EX. GROUND AT DISTRIBUTION BOX = 478.0
INV. INTO DISTRIBUTION BOX = 475.68
INV. OUT OF DISTRIBUTION BOX = 475.58

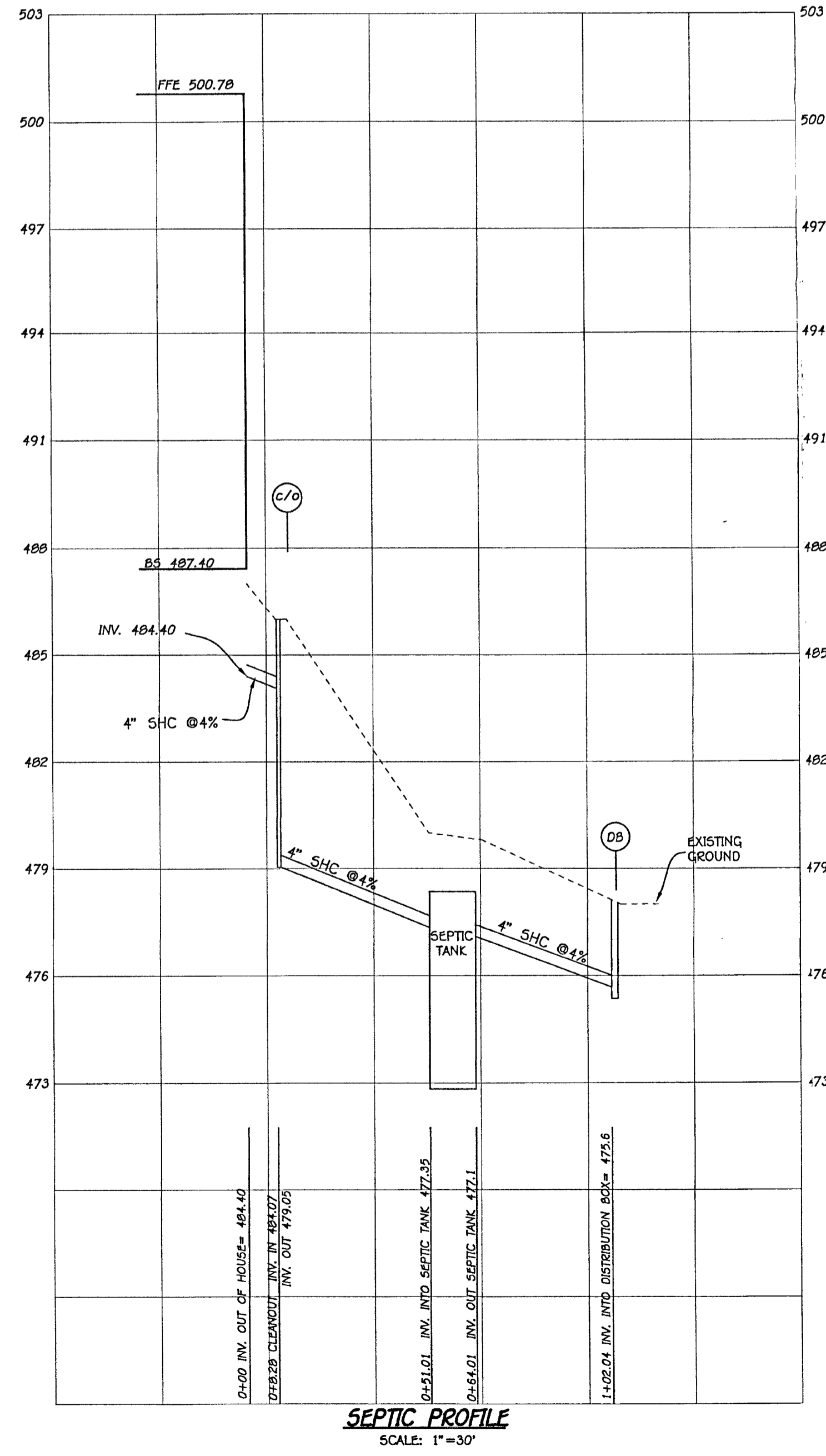
OWNER/DEVELOPER
SCOTT RARDIN
8017 DORSEY RUN ROAD
JESSUP, MARYLAND 20794-9372
(410) 978-1122

FISHER, COLLINS & CARTER, INC.
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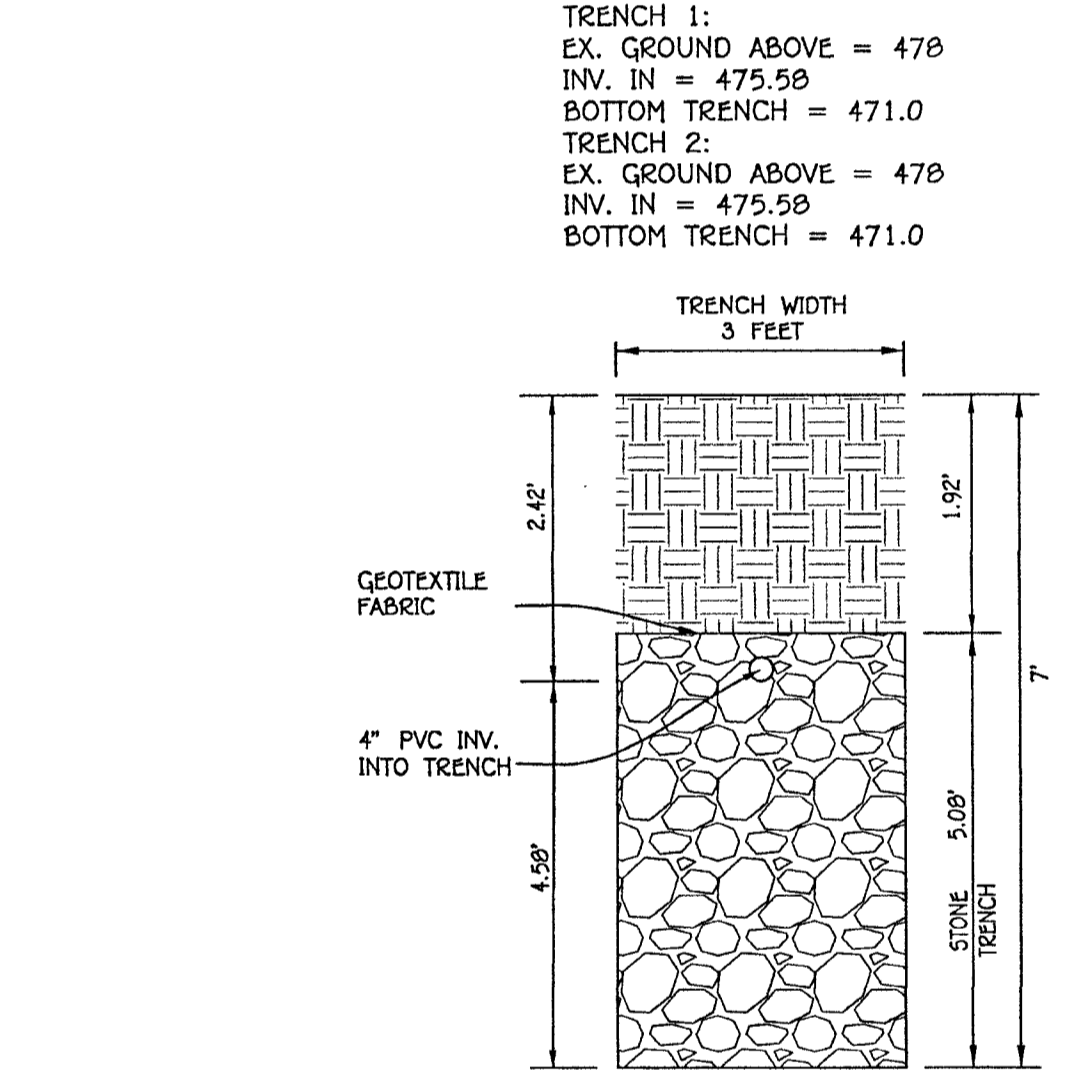
INITIAL SYSTEM
SEWAGE DISPOSAL SYSTEM DATA, DESIGN FOR 3 BEDROOMS
LOADING RATE = 3 BEDROOMS X 150 GPD/BEDROOM = 450 GPD
APPLICATION RATE = 0.8
EFFECTIVE SIDEWALL BEGINS AT 4.5 FEET
TRENCH DEPTH = 7 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 2.5 FEET
SF OF DRAINFIELD = 450 GPD / 0.8 = 562.5 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x2.5)) = 0.556
TRENCH LENGTH = 187.50 SF x 0.556 = 104.17 FEET (USE 2 TRENCHES AT 52.08 LF.)
TRENCH SPACING = 2D+W = ((2x2.5) + 3) = 8' USE 10'

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APPLICATION RATE = 1.2
EFFECTIVE SIDEWALL BEGINS AT 6 FEET
TRENCH DEPTH = 8 FEET
TRENCH WIDTH (W) = 3 FEET
EFFECTIVE DEPTH (D) = 2 FEET
SF OF DRAINFIELD = 450 GPD / 1.2 = 375 SF
COEFFICIENT OF REDUCTION OF TRENCH LENGTH = (W+2)/(W+1+2D) = (3+2)/(3+1+(2x2)) = 0.625
TRENCH LENGTH = 125.00 SF x 0.625 = 78.13 FEET
TRENCH SPACING = 2D+W = ((2x2) + 3) = 7' USE 10'



VICINITY MAP
SCALE: 1" = 1200'

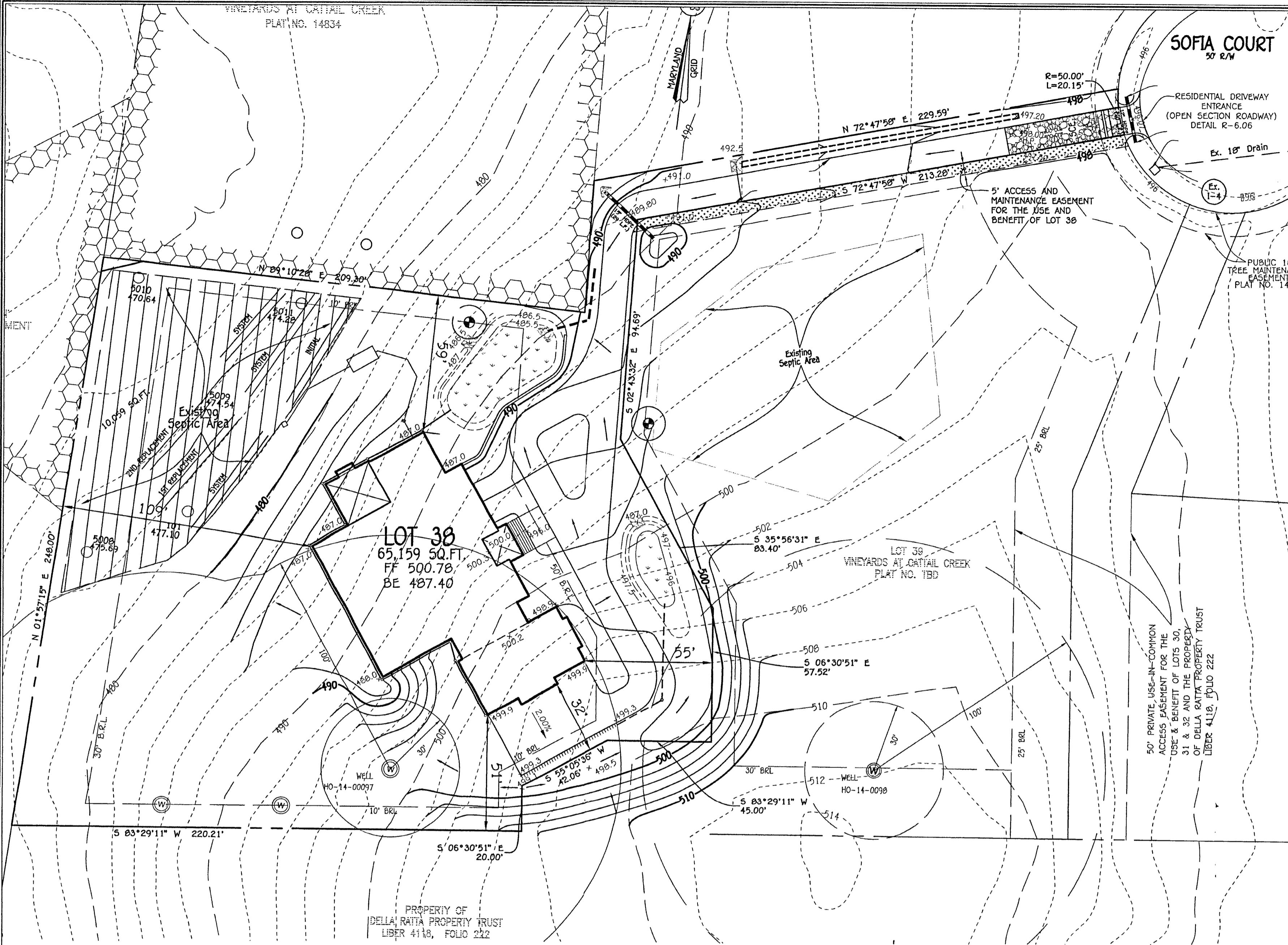


INITIAL TRENCH DETAIL
SCALE: 1" = 2'

Have footprint change. OSDS Superseded By OSDS Approved 6/10/2024

Approved Septic System Plan
Howard County Health Department
Scott Rardin
Signature 9/16/2022 Date

SEPTIC SYSTEM INSTALLATION SITE PLAN
VINEYARDS AT CATTAIL CREEK
LOT 38
LEONDIRA DRIVE, GLENWOOD
ZONED RC-DEO
TAX MAP No. 21 GRID No. 08 PARCEL No. 225
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: SEPTEMBER 7, 2022
SHEET 1 OF 1



PLAN
SCALE: 1" = 30'

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Signature of Professional Engineer

9/16/22
DATE

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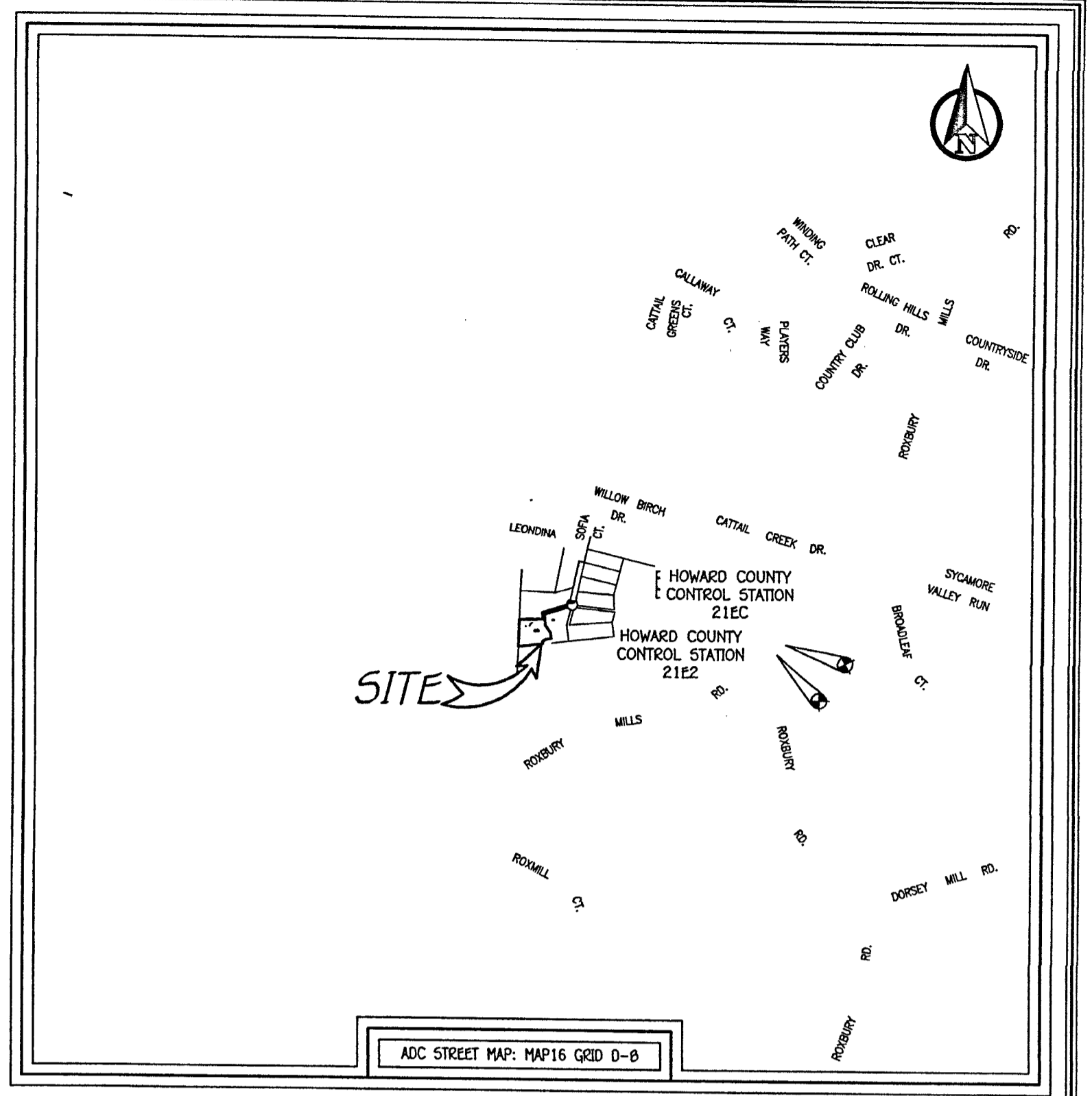
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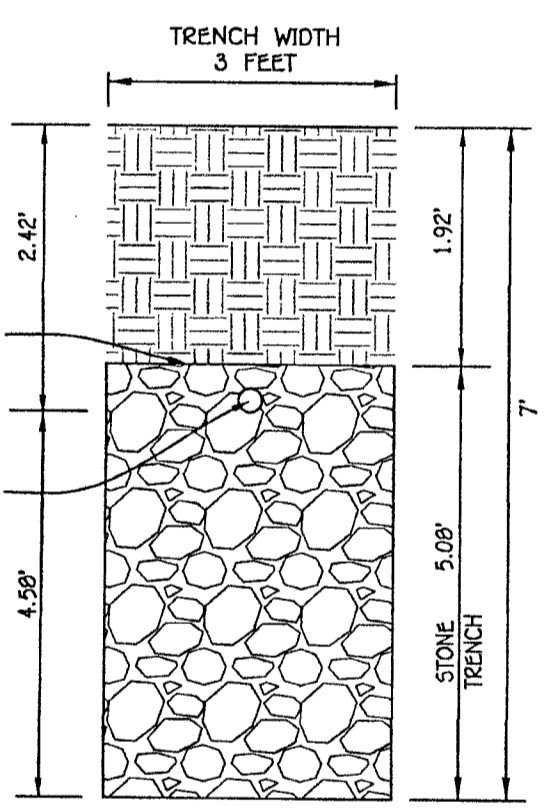
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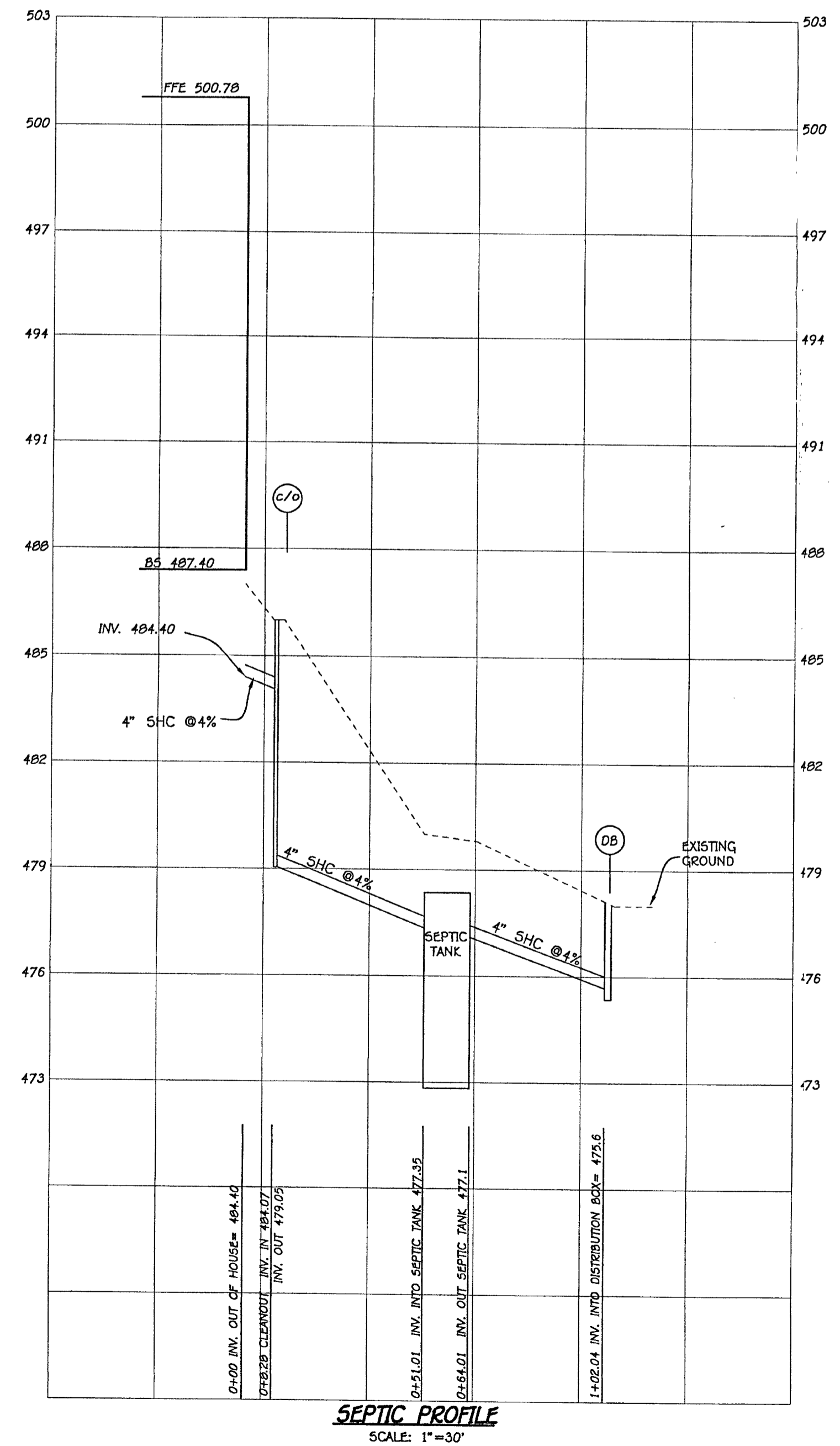
VICINITY MAP
SCALE: 1" = 1200'

TRENCH DATA:
TRENCH 1:
EX. GROUND ABOVE = 478
INV. IN = 475.58
BOTTOM TRENCH = 471.0
TRENCH 2:
EX. GROUND ABOVE = 478
INV. IN = 475.58
BOTTOM TRENCH = 471.0



INITIAL TRENCH DETAIL
SCALE: 1" = 2'

House footprint Change. OSDS Superseded By OSDS 6/10/2024
Approved Septic System Plan
Howard County Health Department
[Signature]
Signature Date 9/16/2022



SEPTIC PROFILE
SCALE: 1" = 30'

SEPTIC SYSTEM INSTALLATION SITE PLAN
VINEYARDS AT CATTAIL CREEK
LOT 38
LEONOWA DRIVE, GLENWOOD
ZONED RC-DEO
TAX MAP No. 21 GRID No. 08 PARCEL No. 225
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: SEPTEMBER 7, 2022
SHEET 1 OF 1

STORMWATER MANAGEMENT NOTES

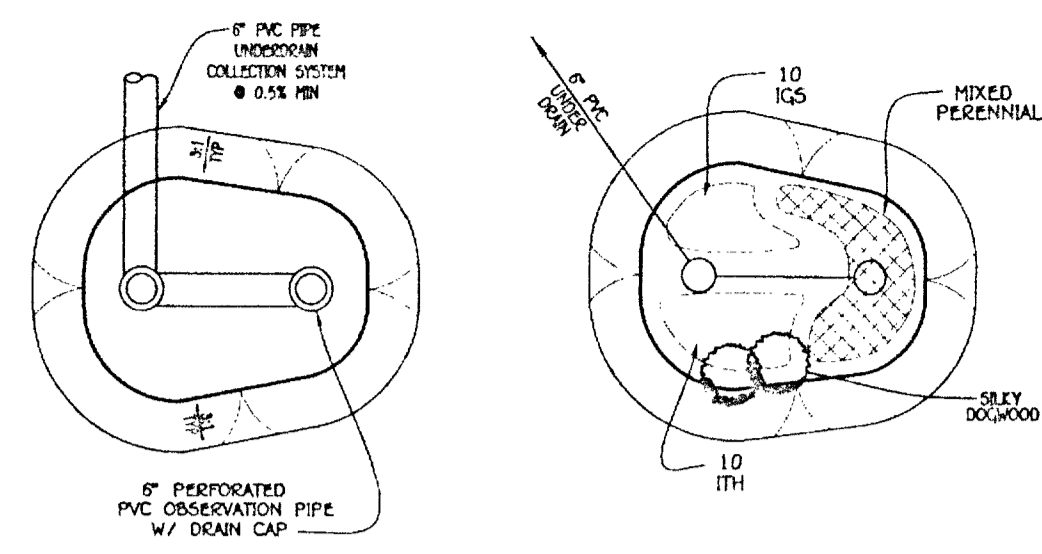
1. STORMWATER MANAGEMENT IS PROVIDED IN ACCORDANCE WITH CHAPTER 5, "ENVIRONMENTAL SITE DESIGN" OF THE 2007 MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, EFFECTIVE MAY 4, 2010.
2. STORMWATER MANAGEMENT WILL BE PROVIDED BY THE USE OF ONE (1) BIORETENTION (F-6) FACILITY, ONE (1) MICRO-BIORETENTION FACILITY, AND ONE (1) GRASS SWALE (M-8).

OPERATION & MAINTENANCE SCHEDULE FOR BIORETENTION & MICRO-BIORETENTION (F-6/M-6)

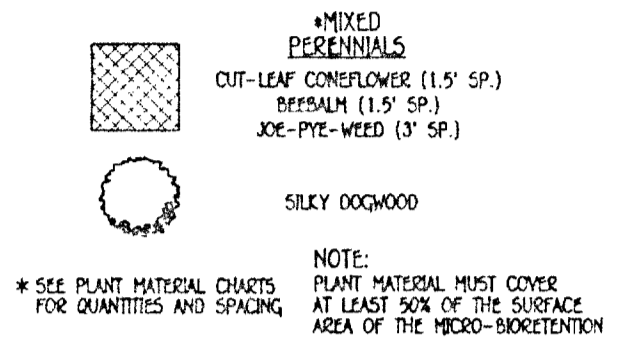
- A. THE OWNER SHALL MAINTAIN THE PLANT MATERIAL, MULCH LAYER AND SOIL LAYER ANNUALLY. MAINTENANCE OF MULCH AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT. ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE AND INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING. ACCEPTABLE REPLACEMENT PLANT MATERIAL IS LIMITED TO THE FOLLOWING: 2000 MARYLAND STORMWATER DESIGN MANUAL VOLUME II, TABLE A.4.1 AND 2.
- B. THE OWNER SHALL PERFORM A PLANT IN THE SPRING AND IN THE FALL OF EACH YEAR. DURING THE INSPECTION, THE OWNER SHALL REMOVE DEAD AND DISEASED VEGETATION CONSIDERED BEYOND TREATMENT, REPLACE DEAD PLANT MATERIAL WITH ACCEPTABLE REPLACEMENT PLANT MATERIAL, TREAT DISEASED TREES AND SHRUBS AND REPLACE ALL DEFICIENT STAKES AND WIRES.
- C. THE OWNER SHALL INSPECT THE MULCH EACH SPRING. THE MULCH SHALL BE REPLACED EVERY TWO TO THREE YEARS. THE PREVIOUS MULCH LAYER SHALL BE REMOVED BEFORE THE NEW LAYER IS APPLIED.
- D. THE OWNER SHALL CORRECT SOIL EROSION ON AN AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER EACH HEAVY STORM.

Table B.4. Materials Specifications for Micro-Bioretenion, Rain Gardens & Landscape Infiltration

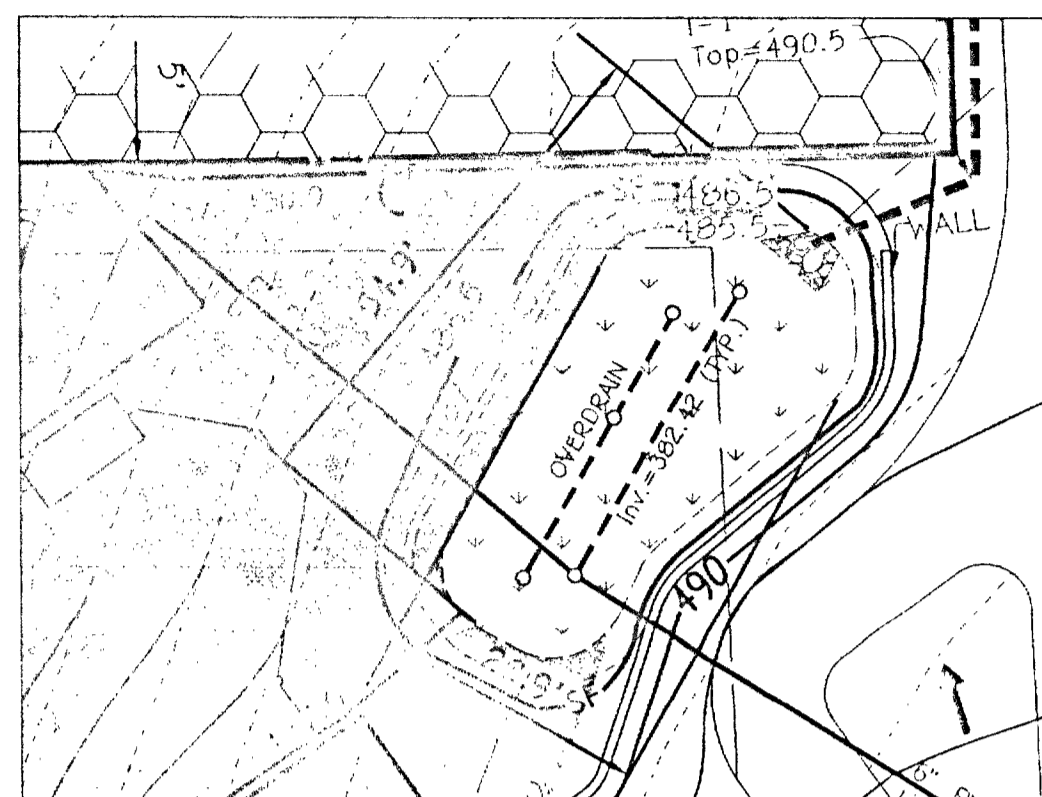
Material	Specification	Size	Notes
Plantings	see Appendix A, Table A.4	n/a	plantings are site-specific
Planting soil (2' to 4' deep)	loamy sand 50-65% compost 35-40% or sandy loam 30% coarse sand 30% compost 40%		USDA soil types loamy sand or sandy loam; clay content <5%
Organic Content	Min. 40% by dry weight (ASTM D 2974)		
Mulch	shredded hardwood		aged 6 months, minimum
Peel gravel diaphragm	peel gravel: ASTM-D-448	No. 8 or No. 9 (1 1/2" to 3/4")	
Curbside drain	ornamental stone: washed cobble	stone 2" to 5"	
Geotextile		n/a	PE Type 1 nonwoven
Gravel (underdrains and infiltration berms)	ASHTO M-43	No. 57 or No. Approximate (3/8" to 3/4")	
Underdrain piping	F 750, Type PS 28 or ASHTO M-278	4" to 6" rigid schedule 40 PVC or SDR35	slotted or perforated pipe; 3/8" slots @ 6" on center; 4 holes per row; minimum of 3" of gravel over pipe; not necessary underneath pipe. Perforated pipe shall be wrapped with 1/4 inch spunweld geotextile cloth.
Poured in place concrete (if required)	MSHA Mix No. 3, f' = 3500 psi @ 28 days, normal weight, air-entrained, reinforcing to meet ASTM-615-60	n/a	on-site testing of poured-in-place concrete required: 28 day strength and slump test; all concrete design (cast-in-place or pre-cast) not using previously approved State or local standards requires design drawings sealed and approved by a professional structural engineer licensed in the State of Maryland - design to include meeting ACI Code 308.2R; vertical loading (11-10 or H-20), allowable horizontal loading (based on soil pressure); and analysis of potential cracking.
Sand	ASHTO M-6 or ASTM-C-33	0.02" to 0.04"	Sand substitutions such as Diabase and Graystone (MSHTO) #10 are not acceptable. No calcium carbonated or dolomitic sand substitutions are acceptable. No "rock dust" can be used for sand.



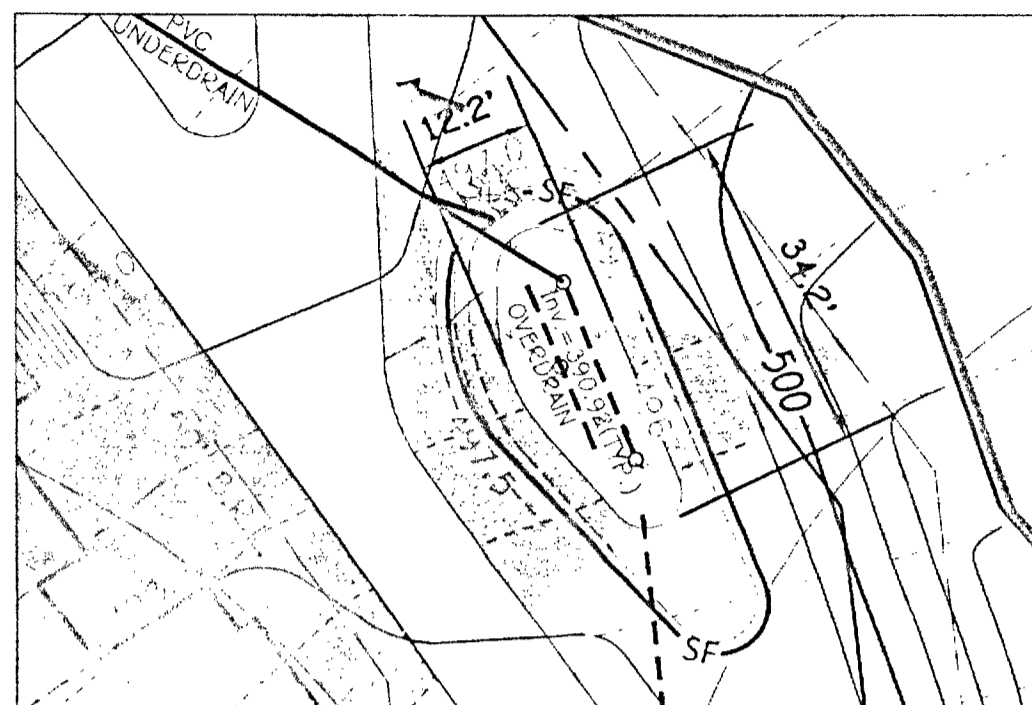
MICRO BIO-RETENTION PLANTING DETAIL
NOT TO SCALE



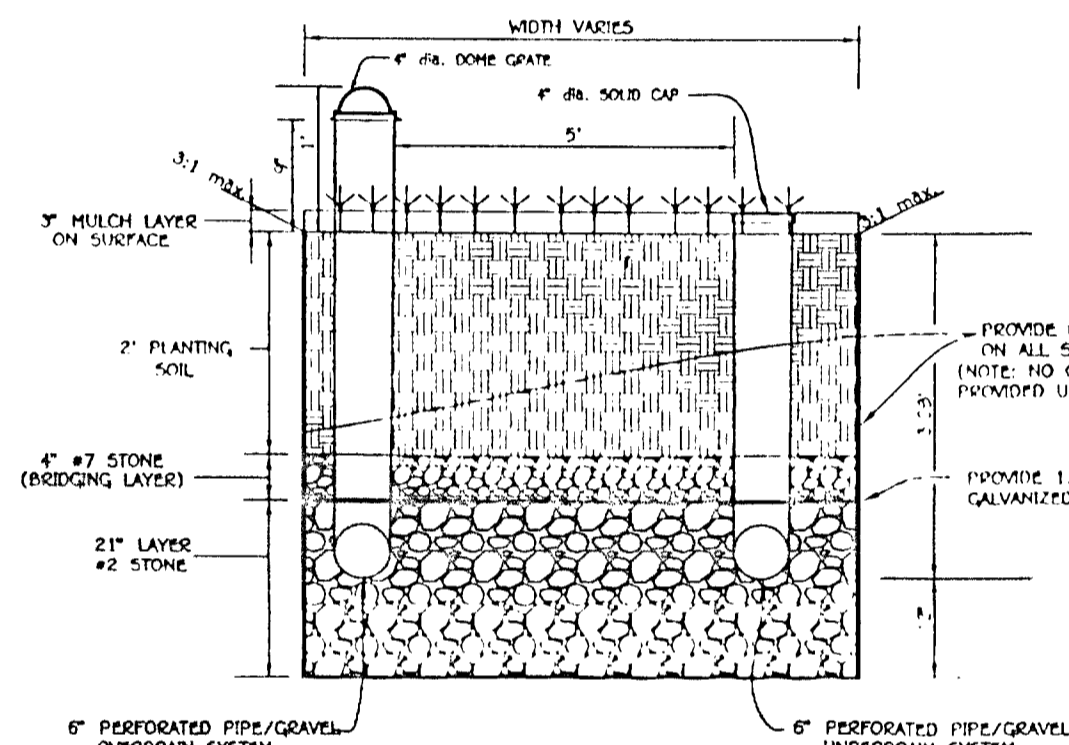
* SEE PLANT MATERIAL CHARTS FOR QUANTITIES AND SPACING.
NOTE: PLANT MATERIAL MUST COVER AT LEAST 50% OF THE SURFACE AREA OF THE MICRO-BIORETENTION.



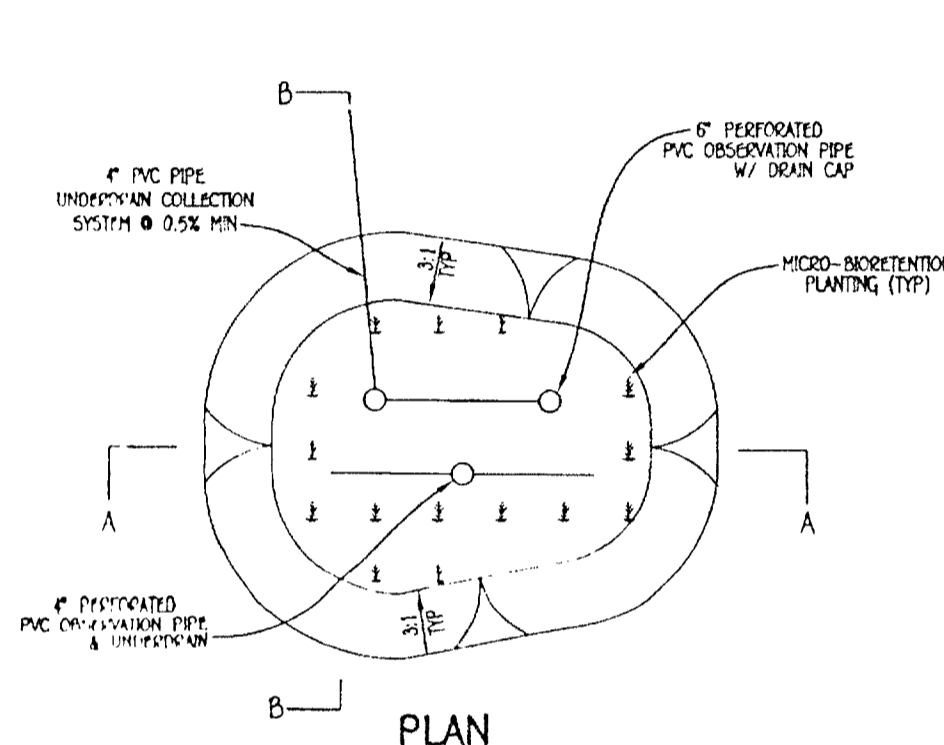
DETAIL BIORETENTION FACILITY F-6 (1)



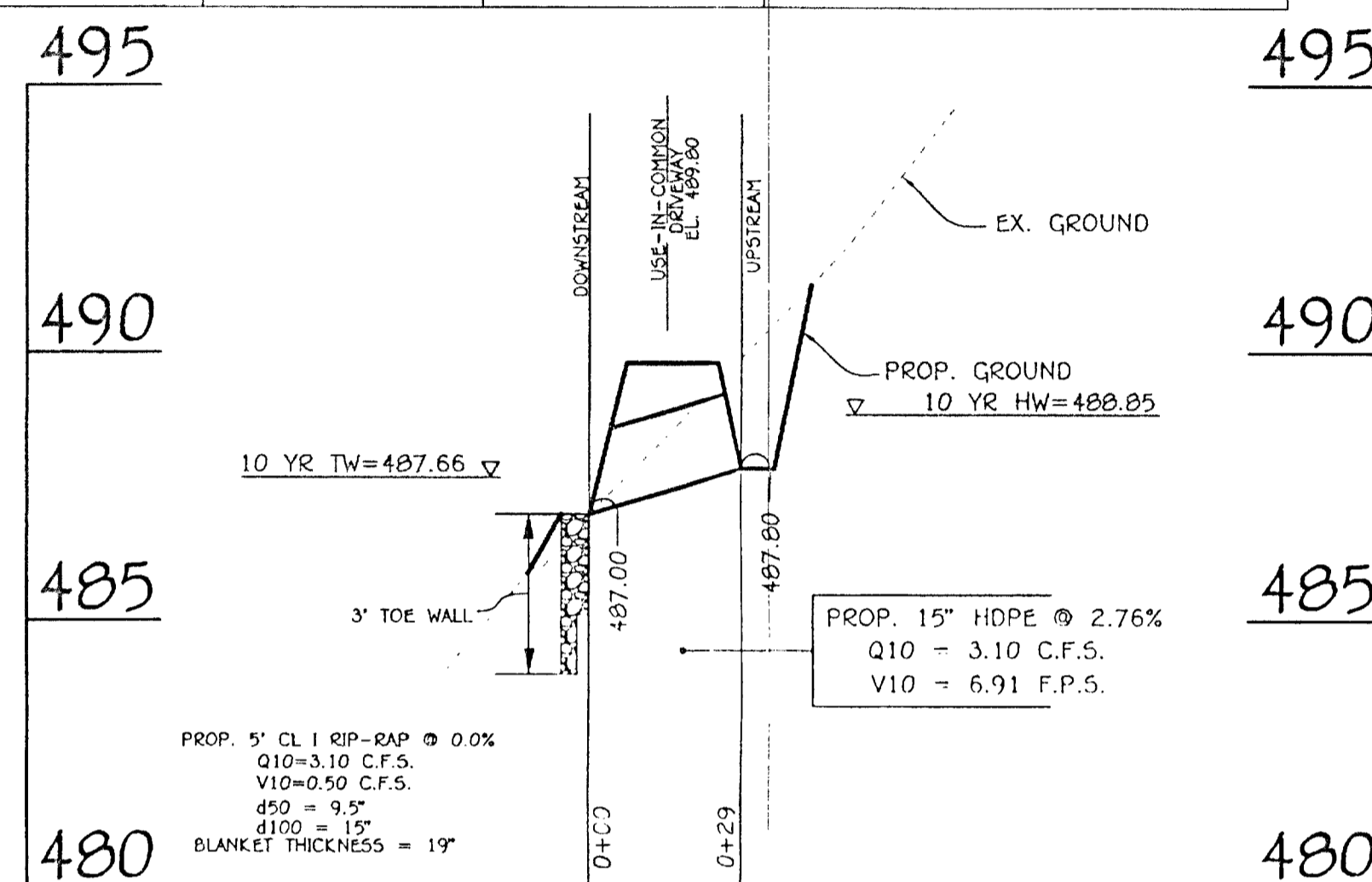
DETAIL MICRO-BIORETENTION FACILITY M-6 (1)



TYPICAL SECTION - BIORETENTION FACILITY (F-6)



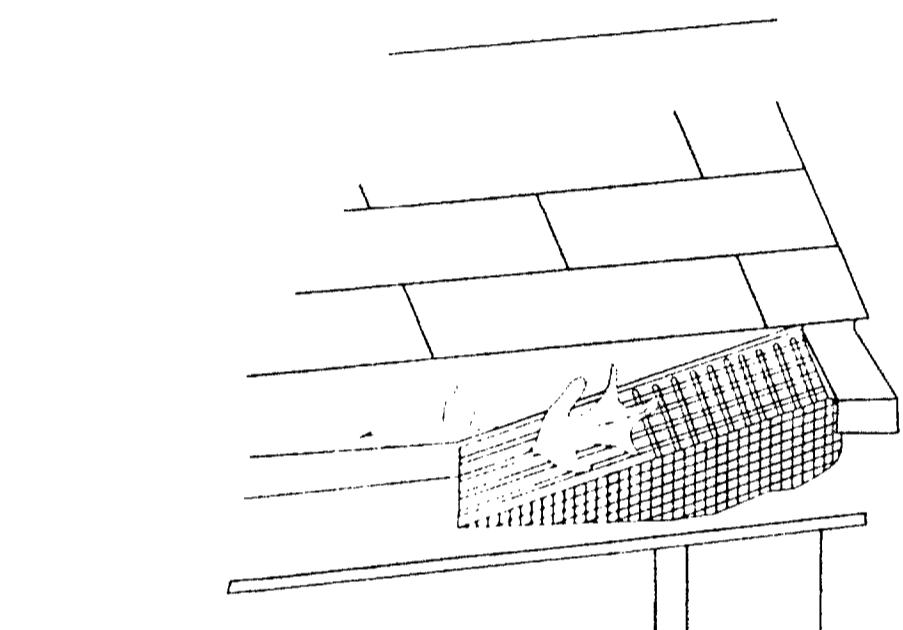
PLAN
NOT TO SCALE



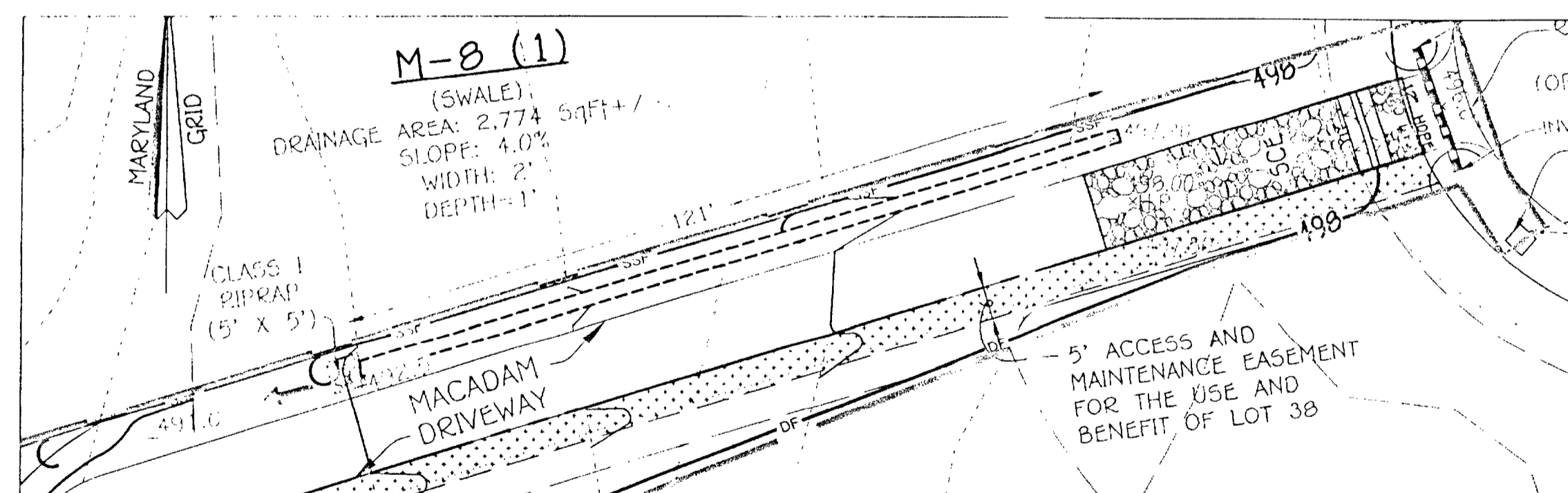
DRIVEWAY CULVERT PROFILE

SCALE HORZ. 1"=30'
VERT. 1"=3'

QTY	SYM.	BOTANICAL/COMMON NAME	SIZE	CONT.	REMARKS
10	IGS	Ilex glabra 'Inkberry'	24" - 30" HT.	Cont.	3/8" o.c./Male Cultivar
10	ITH	Red virginica 'Little Henry'	18" - 24" HT.	3 Gal	3/8" o.c. min.



GUTTER DRAIN FILTER DETAIL

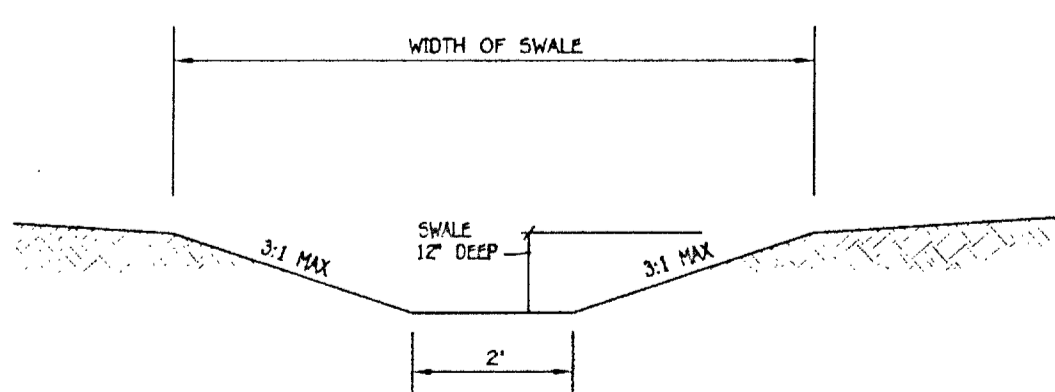


DETAIL GRASS SWALE FACILITY F-8 (1)

SCALE: 1"=20'

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED OPEN CHANNEL SYSTEMS GRASS SWALES AND WET SWALES, (M-8)

1. THE OPEN CHANNEL SYSTEM SHALL BE INSPECTED ANNUALLY AND AFTER MAJOR STORMS. INSPECTIONS SHALL BE PERFORMED DURING WET WEATHER TO DETERMINE IF THE FACILITY IS FUNCTIONING PROPERLY.
2. THE OPEN CHANNEL SHALL BE MOWED A MINIMUM OF AS NEEDED DURING THE GROWING SEASON TO MAINTAIN A MAXIMUM GRASS HEIGHT OF LESS THAN 8 INCHES.
3. DEBRIS AND LITTER SHALL BE REMOVED DURING REGULAR MOWING OPERATIONS AS NEEDED.
4. VISIBLE SIGNS OF EROSION IN THE OPEN CHANNEL SYSTEM SHALL BE REPAIRED AS SOON AS IT IS NOTICED.
5. REMOVE SILT IN THE CHANNEL SYSTEM WHEN IT EXCEEDS 25% OF THE ORIGINAL WOV.
6. INSPECT CHECK DAMS TWICE A YEAR FOR STRUCTURAL INTEGRITY. RESTORE CHECK DAMS TO ORIGINAL CONDITION AS APPLICABLE.



GRASS SWALE DETAIL

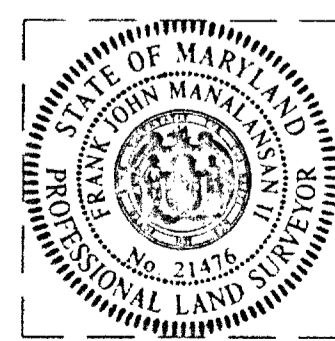
NOT TO SCALE

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Alexander Batache 10/17/22
HOWARD SOIL CONSERVATION DISTRICT DATE

OWNER/DEVELOPER

SCOTT BARDON
8017 DORSEY RUN ROAD
JESSUP, MARYLAND 20794-9372
(410) 978-1122



PROFESSIONAL & DESIGN CERTIFICATION

"I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 21476, EXPIRATION DATE: 07/14/23."

"I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH CURRENT MARYLAND EROSION AND SEDIMENT CONTROL LAWS, REGULATIONS, AND STANDARDS, THAT IT REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Frank J. Manalansan II 10/11/22
FRANK J. MANALANSAN II DATE

DEVELOPER'S CERTIFICATE

"I/WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION, OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS APPROVED EROSION AND SEDIMENT CONTROL PLAN, INCLUDING INSPECTING AND MAINTAINING CONTROLS, AND THAT THE RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF TRAINING AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE) APPROVED TRAINING PROGRAM FOR THE CONTROL OF EROSION AND SEDIMENT PRIOR TO BEGINNING THE PROJECT. I CERTIFY RIGHT-OF-ENTRY FOR PERIODIC ON-SITE EVALUATION BY HOWARD COUNTY, THE HOWARD SOIL CONSERVATION DISTRICT AND/OR MDE."

[Signature] 10/10/22
SIGNATURE OF DEVELOPER DATE

SITE DETAILS
VINEYARDS AT CATTAIL CREEK
LOT 38

3730 SOFIA COURT, GLENWOOD
ZONED RC-DEO
TAX MAP No. 21 GRID No. 08 PARCEL No. 225
FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: OCTOBER 3, 2022
SHEET 2 OF 3

