GENERAL NOTES

- SUBJECT PROPERTY IS ZONED R-20 PER THE OCTOBER 6, 2013 COMPREHENSIVE ZONING PLAN. IT SHALL
 BE DEVELOPED UNDER R-ED REGULATIONS PER SECTION 108.0.6.3.
- 2. THIS PROJECT IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT
- THE PROJECT BOUNDARY IS BASED ON BOUNDARY SURVEY PREPARED BY BENCHMARK ENGINEERING, INC. IN JUNE, 2024.
- EXISTING UTILITIES ARE BASED FIELD SURVEY LOCATIONS, HOWARD COUNTY GIS, AND AS-BUILT CONTRACT DRAWINGS.

- THERE IS NO 100-YR FLOCOPLAIN OR STEEP SLOPES 25% OR GREATER WITH MORE THAN 20,000 SF OF CONTIGUOUS AREA LOCATED WITHIN THE LIMITS OF THIS SUBMISSION. 7. ALL EXISTING LOTS THAT ARE PART OF THIS SUBDIVISION ARE LOCATED WITHIN THE METROPOLITAN DISTRICT.
- WATER AND SEWER SERVICE FOR THIS SUBDIVISION WILL BE PUBLIC WATER AND PUBLIC SEWER. THE CONTRACT NUMBER IS 34-5279-D. THE DRAINAGE AREA IS THE MIDDLE PATUXENT.
- TO THE BEST OF OUR KNOWLEDGE, INFORMATION, AND BELIEF, AND PER THE INTERACTIVE HOWARD COUNTY ONLINE MAP THERE ARE NO CEMETERIES OR HISTORIC STRUCTURES LOCATED ON THIS SITE. 10. THE REQUIRED PRE-SUBMISSION COMMUNITY INPUT MEETING WAS HELD ON OCTOBER 9, 2024 AT CLARET HAIT

- 12. THIS EXPELIENCE OUR PLES WITH THE REQUIREMENTS OF SECTION 16-1000. THE FOREST CONSERVATION ACT OF HOMBE COUNTY, BY THE ON-SITE REPORTION OF 2.2 ACRES OF OF RESTING THE TRACTISE AND FOREST AND THE ON-SITE PLANTING OF 2.8 ACRES OF FOREST, THE TOTAL OBLIGATION REQUIRED IS 4.8 ACRES. THE TOTAL PROVIDED S. SO ACRES, OR 104X. FINANCIAL SURETY FOR THE PLANTING SHALL BE PAID AS PART OF THE DEVELOPERS AGREEMENT UNDER THE FUTURE ROAD CONSTRUCTION PLANS.
- 13. THE PRELIMINARY FOREST CONSERVATION PLAN WAS PREPARED BY ECO-SCIENCE PROFESSIONALS, INC., AND IS INCLUDED IN THIS PLAN SET.
- A NOISE STUDY IS NOT REQUIRED AS THIS SITE IS NOT LOCATED WITHIN ANY OF THE LOCATION GUIDELINES LISTED IN SECTION 5.2.G.2 OF DESIGN MANUAL VOLUME III.
- 15. THE TRAFFIC IMPACT STUDY WAS PREPARED BY THE TRAFFIC GROUP, INC. IT WAS APPROVED ON APRIL 30, 2025.

30, 2020.

SUMMARY OF TREMOS FOR APPTO TRAFFIC MALTISS:

SUMMARY OF TREMOS FOR APPTO TRAFFIC MALTISS:

BLANE OF COUNTY). MARCH 13, 2025.

BLANE OF COUNTY). MARCH 13, 2025.

BLANE OF COUNTY SUMMARY OF APPTO TRAFFIC MALTISS.

LINES COUNTY FURTHER APPTO TRAFFIC MARCH COUNTY PURBLE COUNTY PURBLE COUNTY PURBLE COUNTY PURBLE MARCH COUNTY JURISDICTION, AND LABEL MILES MICHIGAN STREET, MARCH 2027 MILES COUNTY JURISDICTION, AND LABEL MARCH 2027 MILES COUNTY JURISDICTION AND LABEL MARCH 2027 MILES COUNTY JURISDICTION, AND LABEL MARCH 2027 MILES COUNTY JURISDICTO

F.PROVIDE STATEMENT AS TO WHETHER MITIGATION IS REQUIRED AND EXPLAIN THE METHOD OF MITIGATION/IN LIEU FEE: MITIGATION IS NOT REQUIRED

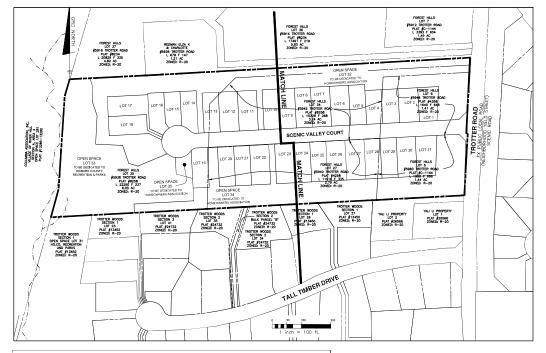
- 16. THE SPEED STUDY FOR TROTTER ROAD WAS PREPARED BY MARS GROUP IN MAY, 2024.
- THE GEOTECHNICAL REPORT FOR THE STORMWATER MANAGEMENT PRACTICES WAS PREPARED BY GEOLABS, INC. DATED NOVEMBER 4, 2024. AND UPDATED IN MARCH, 2025.
- 18. STORMWATER MANAGEMENT HAS BEEN PROVIDED VIA ENVIRONMENTAL SITE DESIGN TO THE MAXIMUM EXTENT PRACTICAL (ESD TO THE MEP) AND COMPULES WITH THE "MARRYLAND DEPARTMENT OF THE ENVIRONMENT STORMWATER MANAGEMENT ACT OF 2007" AND THE "HOWERD COLINY TESON MANUAL VIOLIDE". CHAPTER 5". THE REPORT WAS PREPARED BY BENCHMARK ENGINEERING, INC. DATED JUIC 11, 2004.

THE (N-1) PRACTICES SHALL BE PRINCIPLY CORES AND MACHINED BY THE CORES OF THE CORE AND MACHINED BY THE CORES OF THE CORE AND MACHINED BY THE CORES OF THE CORE OF THE CORE AND MACHINED BY THE CORE AND THE

- 18. THE DEVELOPMENT IS SUBJECT TO SECTION 13.402(c)(e) OF THE SUBDIVISION AND LIND DEVELOPMENT REGULATIONS FOR MODERATE INCOME HOUSING UNITS, THE REQUIREMENT IS 10% OF THE DRELLING UNITS. THE TOTAL AMEN FROMEROUS THIS PLAY AMOUNTS TO FOR (e) DELLING UNITS. THIS DELLING UNITS. THIS DELLING UNITS. THIS DELLING UNITS. THIS DELLING UNITS THIS DELLING UNITS THIS DELLING UNITS THIS DELLING UNITS THE DELLING UNITS THE TIME OF BUILDING FORM STANDARS FOR EACH OF BUILDING (ON'S 1-01).
- 20. APPLICABLE DPZ FILE REFERENCES: ECP-24-004, WP-25-068
- WP-25-068, AN ALTERNATIVE COMPLIANCE TO SECTION 16.1205(a)(3) TO ALLOW FOR THE REMOVAL OF SPECIMEN TREES 30" IN DIAMETER OR GREATER HAS BEEN SUBMITTED, APPROVAL IS PENDING.
- 22. THE THO (2) BONUS UNITS FOR THIS DEVELOPMENT SHALL COME FROM PARCEL 2 OF TAX MAP 32 COMMONLY KNOWN AS 6555 BELMONT WOODS ROAD, ELKRIDGE, HOWARD COUNTY, MARYLAND, DENSTY SENERG MS ALREITE REEL SEASONED BY HOWARD COUNTY AND RECEIVED PAIRS SHALL BE PROVIDED AT THE FIRM, ROAD CONSTRUCTION PLAN STAKE.
- 23. THE PROJECT IS IN CONFORMANCE WITH WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- 24. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL, WHICH IS BASED UPON THE MARKLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT MOS. 305B AND 350A WICE USED FOR THIS PROJECT.
- 25. THE EXISTING LOTS ARE CURRENTLY SERVED BY PRIVATE WELL AND PRIVATE SEPTIC. ALL PRIVATE WELLS AND SEPTIC ARE TO BE PROPERLY ASANDONED.
- FRONTAGE IMPROVEMENTS ALONG TROTTER ROAD WAS APPROVED ON APRIL 14, 2025. THE FEE-IN-LEU SHALL BE PAID AS PART OF THE DEVELOPERS AGREEMENT UNDER THE FINAL ROAD CONSTRUCTION PLANS. IT SHALL BE CREDITED TO CAPITAL PROJECT NUMBER U-4220.
- 28. THIS PROPERTY IS LOCATED ALONG A SCENC ROAD (TROTTER ROAD) AND IS SUBJECT TO PLANNING BOARD APPROVAL PER SECTION 16.125(c) OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- PER SECTION 108.0.G.3.b., THIS DEVELOPMENT IS SUBJECT TO PLANNING BOARD APPROVAL SINCE IT IS BEING DEVELOPED UNDER R-ED REGULATIONS.
- 30. IF ANY PRIVATE WELLS OR SEPTIC SYSTEMS ARE ENCOUNTERED DURING EXCAVATION OR DEVELOPMENT OF THE SUBJECT PROPERTY, CONSTRUCTION MUST BE HALTED INSTANTLY AND THE HEALTH DEPARTMENT SHALL BE CONTACTED MINEDIATED.

PRELIMINARY EQUIVALENT SKETCH PLAN

RIVER HILL ESTATES



MDE Designation	Practice Description	Quantity of Each Practice	Storage (:f) Required based on individual DA	Storage (cf) Provided	REv (cf) Required	REv (cf) Frovided	Ownership	Maintenance
F-1	Surface Sand Filter	1	3,327	16,001	1,855	1,855	Private	Private
F-6	Bioretention	1	3,901	4,211		975	Private	Private
M-6	Micro Bio-Retention	3	2,733	4,568	2,034	683	Private	Private
M-5	Dry Well	89	15,028	31,569		31,569	Private	Private
		Total	24,989	56,349	3,888	35,082		

Stormw	ater Manageme	ent Qu	antity Summary T	able
	Stud	y Point	t#1	
	Pre-Developed		Post-Developed	
2-year	0.2	cfs	0.1	cts
10-year	3.7	cfs	0.8	cfs
100-year*	18.7	cfs	17.0	cfs

mı	vater Manageme	ent Qu	antity Summary T	able	SEE SHEET 10 FOR ADDITIONAL SUMM
	Stud	y Poin	#1		TABLE OF INDIVIDUAL PRACTICES.
	Pre-Developed		Post-Developed		
	0.2	cfs	0.1	cts	
	2.7	ofo	0.8	ndn.	

	SIG	N CHART	
ROAD	STATION	OFFSE7	SIGN TYPE
Scenic Valley Court	0+15	RIGHT	STREET NAME/NO OUTLET
Scenic Valley Court	0+40	LEFT	STOP (R1-1)
Scenic Valley Court	1+00	RIGHT	NO PARKING
Scenic Valley Court	1+25	RIGHT	SPEED LIMIT 25MPH (R2-1)
Scenic Valley Court	1+45	LEFT	NO PARKING
Scenic Valley Court	1+90	RIGHT	NO PARKING
Scenic Valley Court	2+80	RIGHT	NO PARKING
Scenic Valley Court	3+90	RIGHT	NO PARKING
Scenic Valley Court	4+90	RIGHT	NO PARKING
Scenic Valley Court	6+10	RIGHT	NO PARKING
Scenic Valley Court	7+05	LEFT	SPEED LIMIT 25MPH (R2-1)
Scenic Valley Court	7+40	RIGHT	NO PARKING
Scenic Valley Court	8+50	RIGHT	NO PARKING
Scenic Valley Court	LP 9+45	RIGHT	NO PARKING

LP 1+53 LEFT RANGE OF ADDRESS

	STREET LIG	HT CHART	
ROAD	STATION	OFFSET	TYPE
Scenic Valley Court	0+25	18' RIGHT	LED-100
Scenic Valley Court	1+40	15' LEFT	LED-100
Scenic Valley Court	2+50	15' RIGHT	LED-100
Scenic Valley Court	3+82	15' LEFT	LED-100
Scenic Valley Court	5+50	15' RIGHT	LED-100
Scenic Valley Court	7+15	15' RIGHT	LED-100
Scenic Valley Court	8+69	15' RIGHT	LED-100
cul-de-sac	LP 0+33	3' LEFT	LED-100
cul-de-sac	LP 1+38	3' LEFT	LED-100

● LED-100 POLE: 14' TYPE: ELACK FIBERGLASS FIXTURE: FOST TOP PREMIERS

Property Zone	Subdivision Section	Requirement	Units	Req. (sf)	Prov.(sf)
R-ED	16.121.a.4.vi	300 sf per unit	31	9,300	9,425

land area 3 playground egupment

Lot

6,000 sf MODERATE INCOME HOUSING UNIT (MIHU)

				APPLICATION EXEMPTIONS TRA	CKING
				Total Number of Lots/Units Proposed	31
				Total Number of MIHU's Required	4
Minir	Minimum Lot Size Chart		Number of MIHU's Provided Onsite		
Zoned	Total Lot	Flagstem	Min Lot	(Exempt from APFO allocations)	
Zonea	Area (sf)	Area (sf)	Area (sf)	Number of APFO Allocations Required	26
R-20	10.184	840	9.344	(Remaining Lots/Units)	20
R-20	8.925	448	8,477	MIHU Fee-in-Lieu	Lots 1-31
	-,	1.0	10,111	(Indicate Lot/Unit numbers)	Lots 1-01

5 existing lots that make up this developmen

HO.CO.MON. 35BB N 560790.404 E 1336537.287 ELEV. 394.271

SEE SHEET 2 FOR LEGEND OF SYMBOLS.



VICINITY MAP

	SHEET INDEX
SHEET	TITLE
1	TITLE SHEET
2-3	SUBDIVISION LAYOUT PLAN
4-5	GRADING PLAN
- 6	ROAD PROFILE AND DETAILS
7-8	LANDSCAPE PLAN
9	STORMWATER MANAGEMENT DRAINAGE AREA MAP
10	STORM DRAIN DRAINAGE AREA MAP
11-12	CONCEPTUAL SEDIMENT AND EROSION CONTROL PLAN
13-16	FOREST CONSERVATION PLAN
17	EXISTING CONDITIONS PLAN

	BOUNDA	RY
C	COORDINA	ATES
POINT #	NORTHING	EASTING
101	561618.3230	1335255.7432
102	561568.1100	1335253.0332
103	561358.5774	1335242.0973
104	561358.8408	1335247.1204
105	561148.8261	1335235.6515
106	561133.0184	1334936.0444
107	561132.3887	1334923.0833
108	561122.8546	1334735.3954
109	561109.2541	1334485.9927
110	561102.3481	1334358.5412
111	561073.9975	1333825.7603
112	561170.4339	1333852.4697
113	561485.6466	1333872.9978
114	561544.6019	1333890.3832
115	561557.5280	1334150.0766

Site Analysis Data Charl		
Zoned: R-20 (to be developed under R-ED i	regluations)	٦
Sectior 108.0.G.3		
Existing Lot 5	1.44	٦
Existing Lot 6	1.41	ı
Existing Lot 27	2.78	ı
Existing Lot 34	3.23	
Existing Lot 35	5.99	
Gross Area	14.85 acres	
100-yr Floodblain	0.00 acres	
Steep Slopes 25% or greater (outside floodplain)	0.00 acres	
Net Area	14.85 acres	
Number of Units allowed (2 per net acre)	29	Ī
Number of Units Proposed	31	
Area of Buikable Lots	5.67 acres	
Area of Public Right-of-way	1.33 acres	
Area of Open Space Required	7.43 acres	Ī
Area of Opes Space Provided	7.85 acres	
Non-Credited	0.19 acres	
Credited	7.66 acres	
Recreational OS Required	9,300 sf	
Recreational OS Provided	9,425 sf	П

- b Section 1080.G.2. Bonus density up to 10% (29 units X 10% = 2 units)
- 29 matter of right units + 2 bonus units = 31 total units ^C Open Space Required based on 50% of gross area.

REVISIO

BENCHMARK ENGINEERING, INC 3300 N. RIDGE ROAD & SUITE 140 & ELUCOTT CITY, MARYLAND 21043 (P) 410-465-6105 (F) 410-465-6644



LOT 5: SARY CHARISSE 5960 TROTTER ROAD CLARKSVILLE, MARYLAND 21029 LOT 34 AND 35: 5938 TROTTER LLC 82 E LAKE DRIVE ANNAPOLIS, MARYLAND 21403

ESIGN: DBT CHECK: CAM

RIVER HILL ESTATES LOTS 1-31 AND OPEN SPACE LOTS 32-35

A Re-Subdivision of Lot 5 (previously recorded as Forest Hills Plat No. C-1144, ots 6 and 27 (previously recorded as Forest Hills Plat No. 4258), Lots 34 and 3 (previously recorded as Forest Hills Plat No. 8258) TAX MAP: 0035 GRID: 0008 PARCEL: 0373 ZONED: R-20 ELECTION DISTRICT NO. 5 HOWARD COUNTY, MARYLAND

PRELIMINARY EQUIVALENT SKETCH PLAN TITLE SHEET

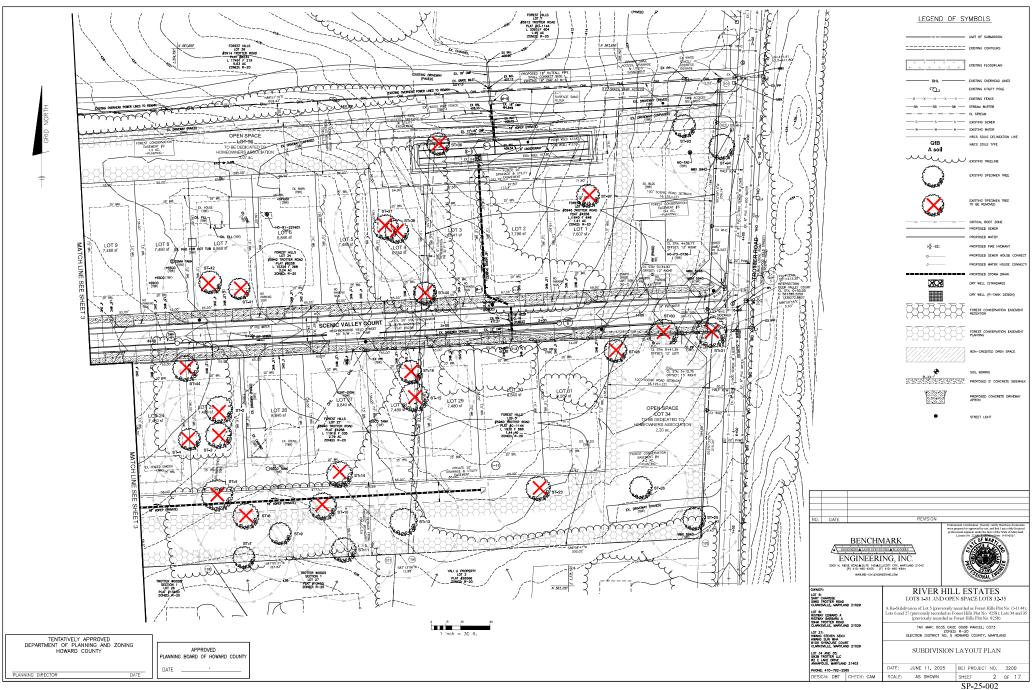
DATE: JUNE 11, 2025 BEI PROJECT NO. 3200 SCALE: AS SHOWN

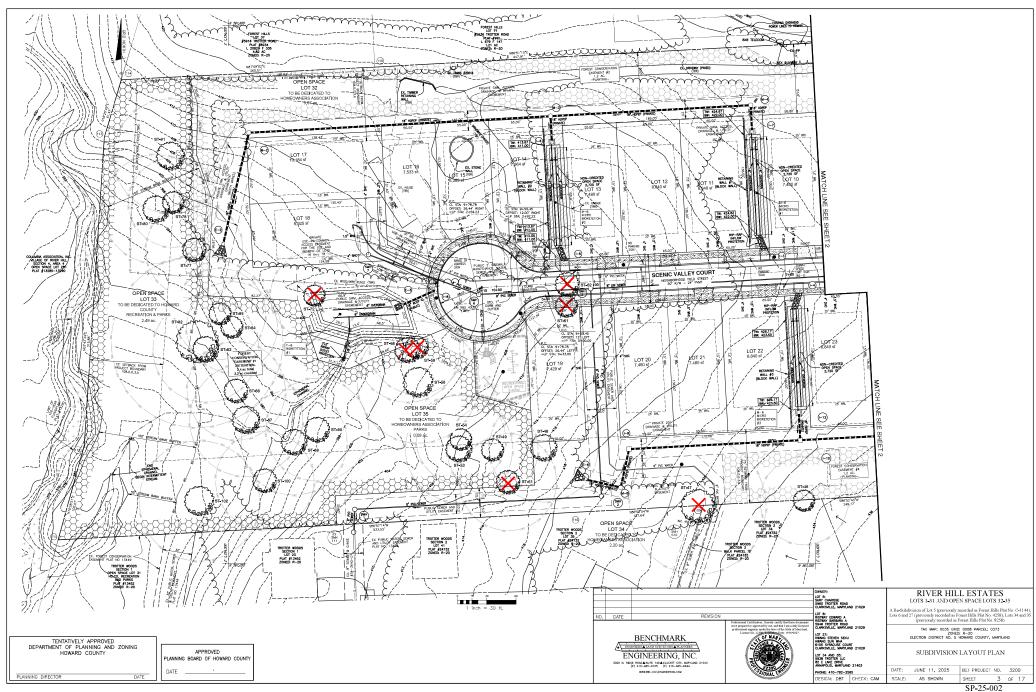
SHEET 1 OF 17 SP-25-002

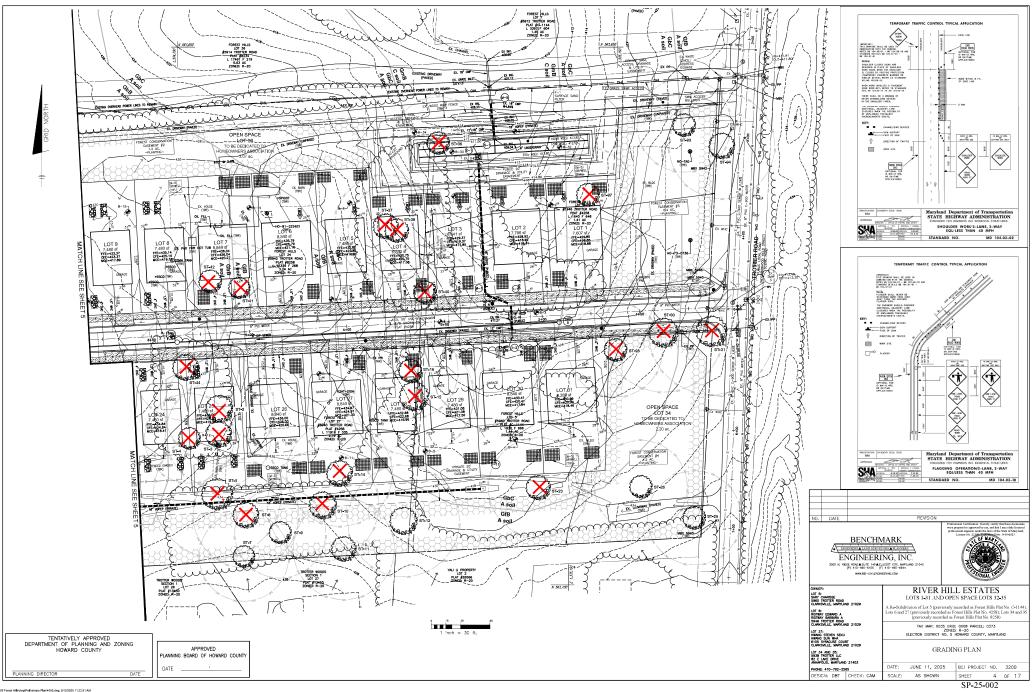
TENTATIVELY APPROVED DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY

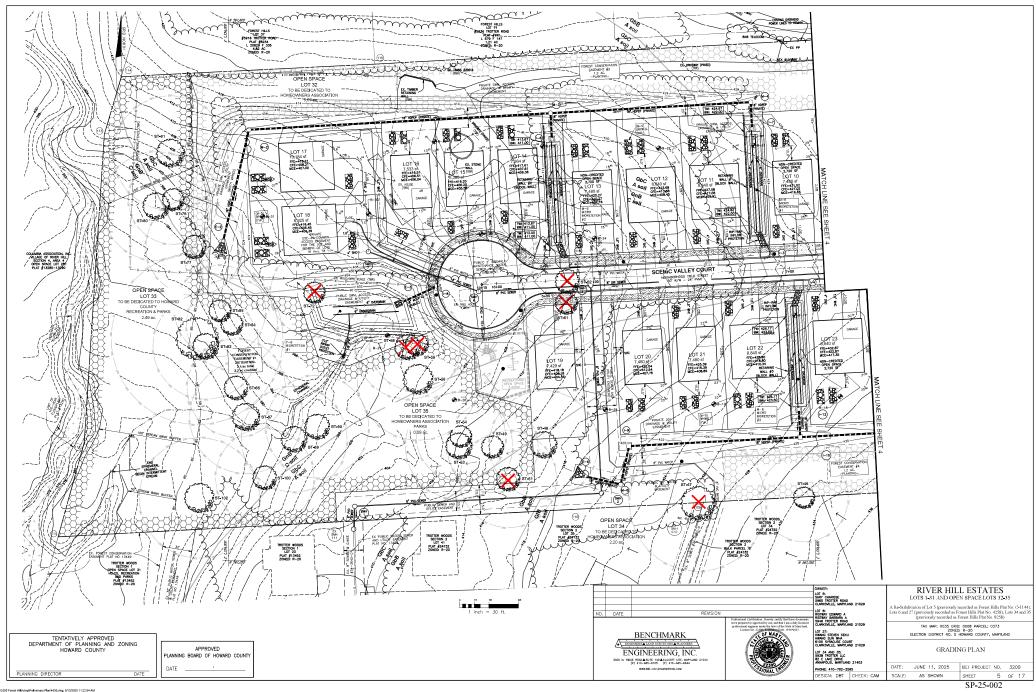
APPROVED PLANNING BOARD OF HOWARD COUNTY DATE

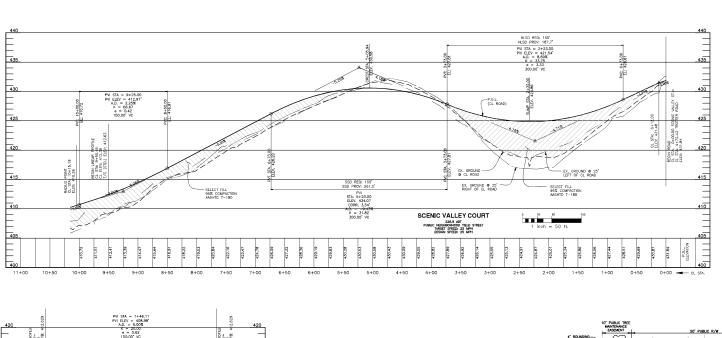
PLANNING DIRECTOR VS200 Ferret HillstrartProlemany Plant4000 dam 6/10/2025 10:02:51 Ab

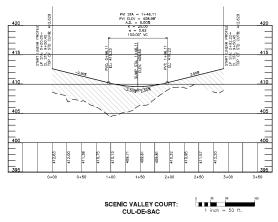


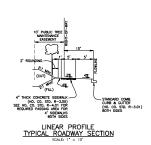


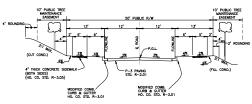












TYPICAL ROADWAY SECTION



SCALE: AS SHOWN

LOT 34 AND 35: 5938 TROTTER LLC 82 E LAKE DRIVE ANNAPOLIS, MARYLAND 21403 PHONE: 410-792-2565
DESIGN: DBT CHECK: CAM

RIVER HILL ESTATES LOTS 1-31 AND OPEN SPACE LOTS 32-35

A Re-Subdivision of Lot 5 (previously recorded as Forest Hills Plat No. C-1144); lots 6 and 27 (previously recorded as Forest Hills Plat No. 4258); Lots 34 and 35 (previously recorded as Forest Hills Plat No. 8258)

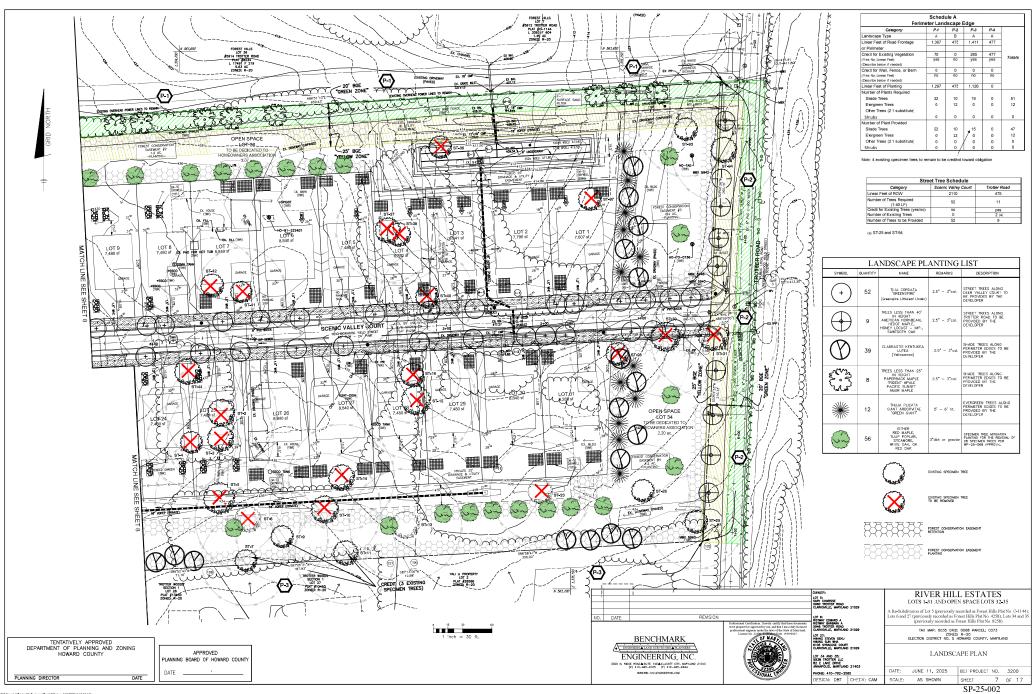
TAX MAP: 0035 GRID: 0008 PARCEL: 0373 ZONED: R-20 ELECTION DISTRICT NO. 5 HOWARD COUNTY, MARYLAND

ROAD PROFILES AND DETAILS

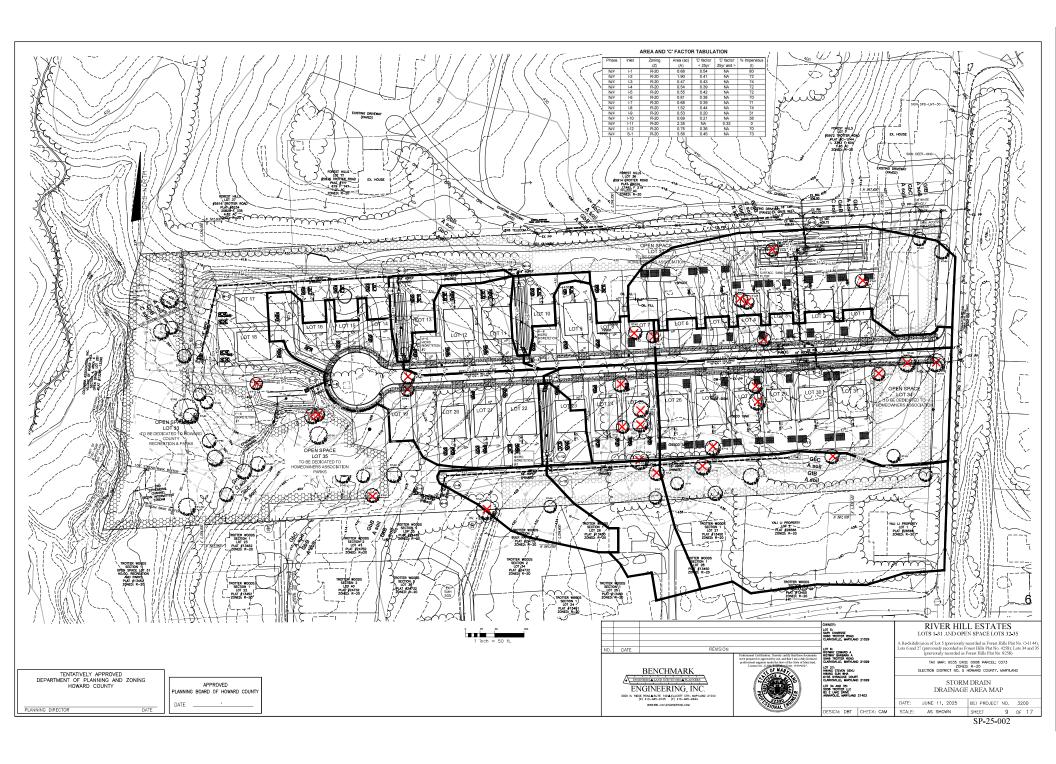
DATE: JUNE 11, 2025 BEI PROJECT NO. 3200 SHEET 6 OF 17

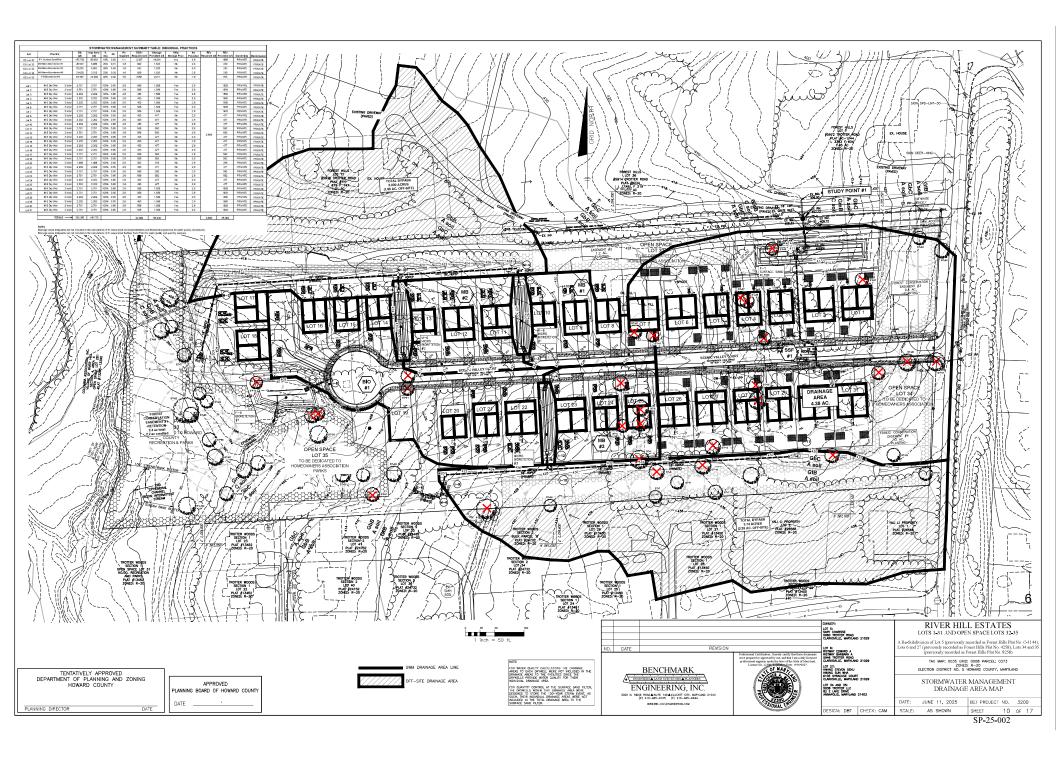
TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

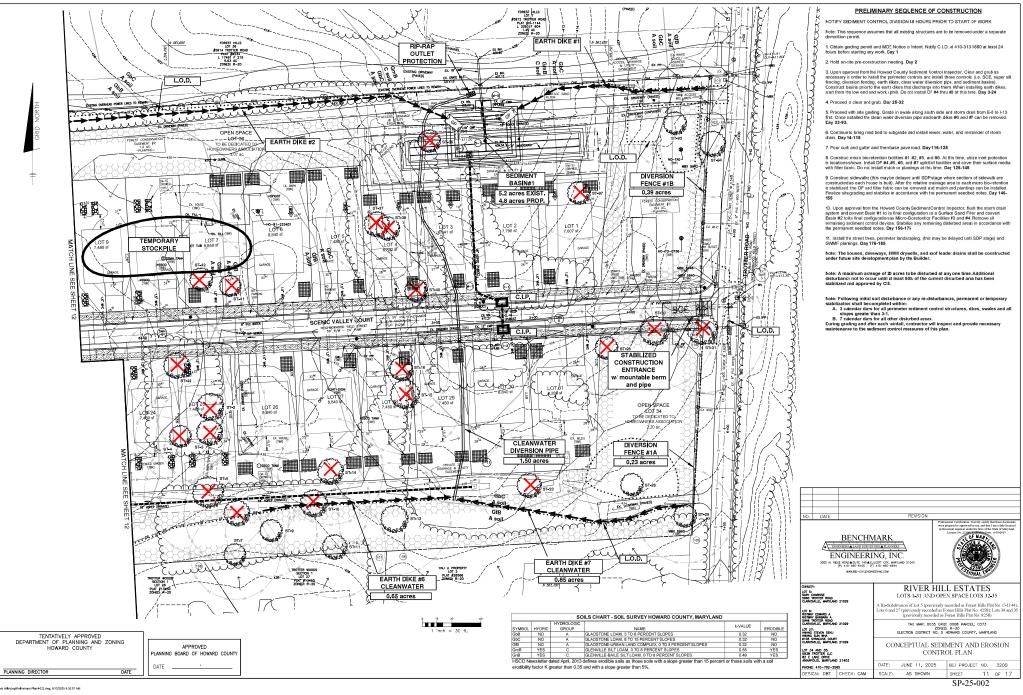
APPROVED PLANNING BOARD OF HOWARD COUNTY DATE

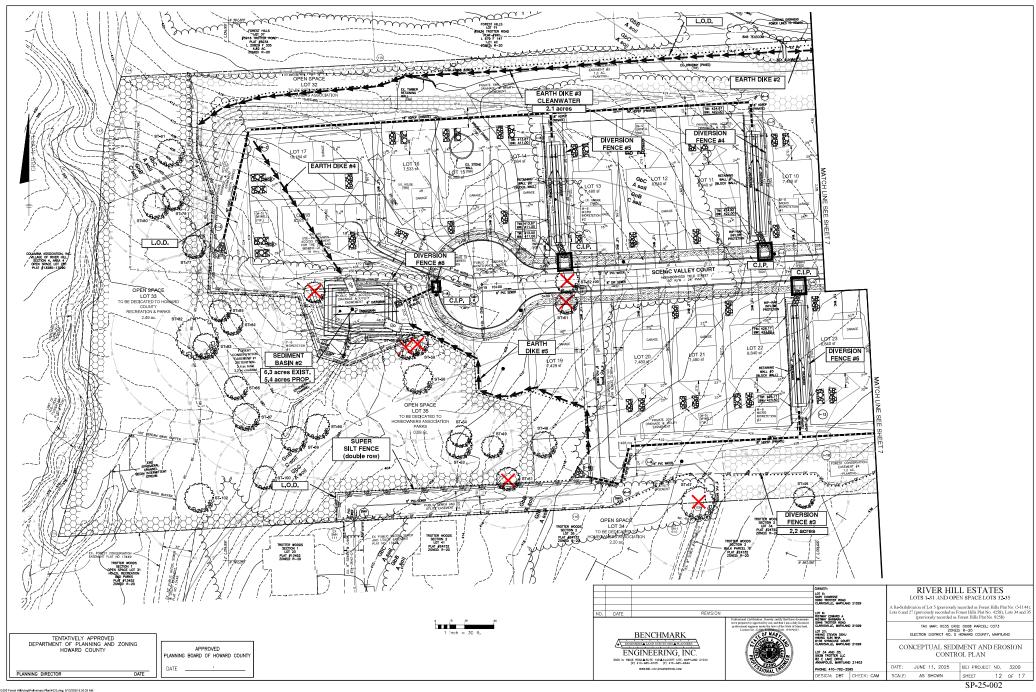


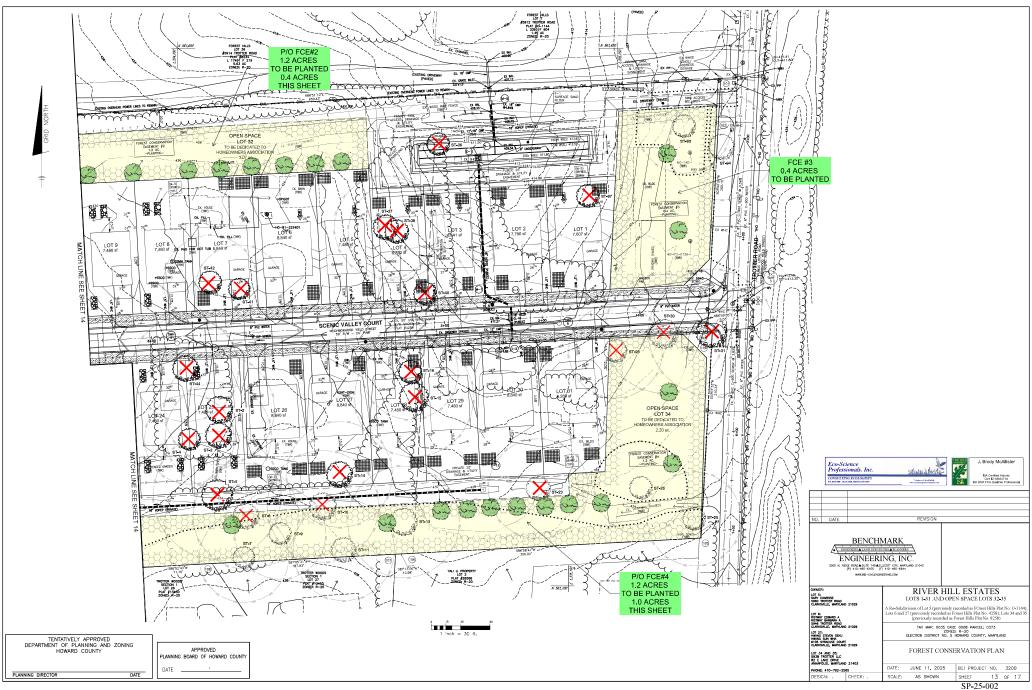


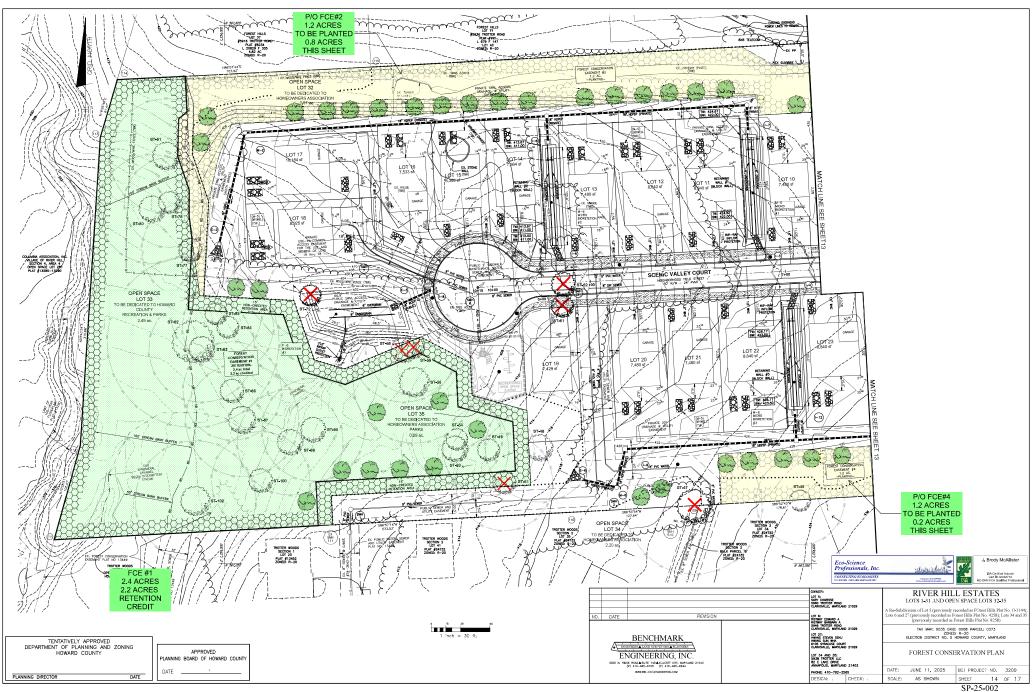












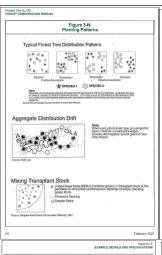


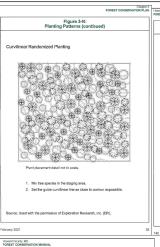
Figure E-18:

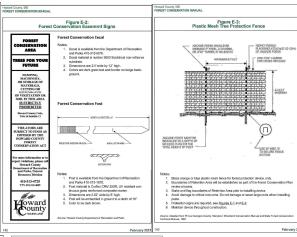
Undisturbed Soil

Planting on Slope

ebruary 2021

HENCHT RECTEALS TO





FCP NOTES

1. THE FOREST CONSERVATION OBLIGATIONS FOR THIS SITE WILL BE ADDRESSED WITH 2.2 ACRES OF ONSITE RETENTION AND 2.8 ACRES OF REFORESTATION.

2. TEMPORARY PROTECTIVE FENCING SHALL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE, FENCING SHALL BE INSTALLED ALONG ALL LOD AREAS ADJACENT, STREAM BUFFERS, TREE STANDS, AND SPECIMEN TREES TO ADJACENT STR BE RETAINED.

3. REFORESTATION AREAS 2 AND 4 ARE LOCATED ALONG THE PROPERTY LINE AND INCLUDES A HEDGEROW TREES AND BRUSHY UNDERSTORY. INVASIVE TREES, SHRUBS, AND VINES SHALL BE CLEARED FROM THE PLANTING AREA PRIOR TO PLANTING. MATURE TREES IN THE PLANTING PLANTING AREA PRIOR TO PLANTING, MATURE TREES IN THE PLANTING AREA SHALL BE RETAINED, PLANTINGS MAY BE INTERSPRESSED WITHIN THE EXISTING TREES BUT CARE SHALL BE FARCH TO ANOID MURY TO MACHINERY SHALL BE USED TO ACCESS PLANTING SITES AND PLANTING SHOULD BE KEPT OUTDIE THE STRUCTURAL ROOT ZONE OF THE STRUCTURAL ROOT ZONE OF THE STRUCTURAL ROOT ZONE OF THE APPOREST AND ACCESS PLANTING SITES AND PLANTING SHOULD BE KEPT OUTDIE THE STRUCTURAL ROOT ZONE OF THE APPOREST ATOM TO ANOTHER STRUCTURAL ROOT ZONE OF THE APPOREST ATOM TO ANOTHER STRUCTURAL ROOT ZONE MEASURED AS 1 RADIUSTURED FOR THE APPOREST ATOM TO ANOTHER STRUCTURAL ROOT ZONE OF THE APPOREST ATOM TO ANOTHER STRUCTURAL ROOT ZONE MEASURED AS 1 RADIUSTURED FOR THE APPOREST ATOM. OF EXISTING TREES. A SPECIFIC UNDERSTORY PLANTING IS PROPOSED FOR THE 0.3 ACRES OF FCE 4 THAT OCCURS IN A TREE LAWN SETTING.

4. PERMANENT PROTECTIVE SIGNAGE SHALL BE INSTALLED ALONG THE PERIMETER OF THE FOREST CONSERVATION EASEMENTS AS SHOWN

5. AM ALTERNATIVE COMPLIANCE REQUEST FOR REMOVAL OF SPECIMEN TRESS WILL BE ROUISED. ASSUMING THAT REQUESTS A SPROYED THE PROJECT WILL GENERALE A MITIGATION REQUIREMENT OF FIFTY-SIX. 3 INCH DIBH TREES, THE PROPOSED PLANTING LOCATION FOR THE TREES IS SHOWN ON THE PLANS, THESE TREES ARE NOT CREDITED TOWARD THE AFFORESTATION REQUIREMENTS OF THE PROJECT.

6. A SECURITY FOR THE PROPOSED SPECIMEN TREE MITIGATION PLANTINGS SHALL BE PROVIDED. THE COST OF THIS SECURITY HAS BEEN CALCULATED TO BE \$300.00 PER TREE - \$16,800.00.

7. THE SECURITY REQUIREMENT FOR THE ONSITE REFORESTATION PLANTINGS IS CALCULATED AT \$0.50/SQ.FT = \$60,984.00.

3. Root Pruning Root pruning shall be performed or supervised by an ISA and/or TCIA certified arbori SEE SHEET 16 FOR SPECIMEN Figure E-9: Root Pruning Root pruning shall be applied to all specimen trees and trees to be retained in the forest retention areas with disturbance in the critical root zone, on roots one inch in diameter or TREE IMPACT CALCULATIONS

ing tools such as Dosko or Vermeer Sediment control shall be insta Plants shall be installed as per Plant Schedule and the Planting/Soil Specifications for t Upon completion of the planting, eignage shall be installed as shown

Plantings shall be mainteined and guaranteed in accordance with the N Guarantee requirements for project. For trees with DBH greater than 15 inches, conduct root pruning up to one entire g Maintenance of Plantings

Maintenance of plantings shall last for a period of (3) years.

Guarantee Requirements

Education of New Occupants

The developer shall provide educational information to all property owners within the new development/home about the proper use of forest conservation areas.

Final Inspection and Release of Obligations

SITE CONDITION NOTES FROM FSD

1. No wetlands are present on the site but streams and stream buffers are present on the subject property.

2. The site is located within the watershed of Middle Patuxent River (021311060960). This segment of the watershed is classified Use IV-P.

3. No 100-year floodplain is present on the site.

No cemeteries were observed on the site and the property does not show any elements listed on the Maryland or National Registers of Historic Places per the MERLIN website.

No rare, threatened or endangered species were observed on the site. The property is identified as possible forest interior habitat.

PLANTING SCHEDULE

FCE 2 Reforestation Area = 1.2 acres Planting Units Required: 840 Planting Units Provided: 840

Qty	Species	Canopy/ Understory	Size	Spacing	Total FCA Units
25	Acer negundo - Box elder	C	1" caliper	15' oc.	
35	Acer rubrum - Red maple	С	1" caliper	15' oc	
25	Cercis canadensis - Red bud	U	1" caliper	15' oc	
25	Cornus florida - Flowering dogwood	U	1" caliper	15' oc	
55	Liriodendron tulipifera - Tulip poplar	C	1" caliper	15' oc	
35	Nyssa sylvatica - Black gum	C	1" caliper	15° oc	
20	Quercus alba - White oak	С	1" caliper	15' oc	
20	Quercus rubra - Red oak	С	1" caliper	15' oc	
240	Tota			ee = FCA unit credit	840

FCE 3 Reforestation Area = 0.4 acres Planting Units Required: 280

Qty	Species	Canopy/ Understory	Size	Spacing	Total FCA Units
10	Acer negundo - Box e der	U	1" ca iper	15' oc.	
5	Acer rubrum - Red maple	C	1" caliper	15' oc	
- 5	Cercis canadensis - Red bud	U	1" caliper	15' oc	
5	Cornus florida - Flowering dogwood	U	1" caliper	15' oc	
15	Liriodendron tulipifera - Tulip poplar	C	1" caliper	15' oc	
15	Nyssa sylvatica - Black gum	С	1" caliper	15' oc	
15	Quercus alba - White oak	С	1" caliper	15' oc	
10	Quercus rubra - Red oak	С	1" caliper	15' oc	
80	Tota			ee = FCA unit credit	280

FCE 4-Reforestation Area -Existing Treed Lawn - 0.3 acres Planting Units Required: 210 Planting Units Provided: 210

ty	Species	Canopy/ Understory	Size	Spacing	Total FCA Units	
10	Acer negundo - Box elder	U	1" caliper	15' oc.		
	Cercis canadensis - Red bud	U	1" caliper	15' oc		
10	Cornus florida - Flowering dogwood	U	1" caliper	15' oc		
15	Nyssa sylvatica - Black gum	C	1" caliper	15' oc		
15	Viburnum prunifolium	U	1" caliper	15' oc	210	
30	Total 1" caliper plantings x 3.5 units free = FCA unit credit					
Total Unit Credit						

FCE 4 Reforestation Area - Existing Lawn 0.9 acres Planting Units Required: 630

Qty	Species	Canopy/ Understory	Size	Spacing	Total FCA Units				
15	Acer negundo - Box elder	C	1" caliper	15' oc.					
25	Acer rubrum - Red maple	C	1" caliper	15' oc					
15	Cercis canadensis - Red bud	U	1" caliper	15' oc					
20	Cornus florida - Flowering dogwood	U	1" caliper	15' oc					
45	Liriodendron tulipifera - Tulip poplar	С	1" caliper	15' oc					
30	Nyssa sylvatica - Black gum	С	1" caliper	15' oc					
15	Quercus alba - White oak	C	1" caliper	15' oc					
15	Quercus rubra - Red oak	С	1" caliper	15' oc					
180	Tota			ee = FCA unit credit	630				

WHERE REPORESTATION AREA ABUTS PRIVATE LOTS TWO ROWS OF PLANTINGS SHALL BE INSTALLED TO DEFINE THE EDGE OF THE FREE. THE FIRST ROW SHALL BE PLANTED ONE FOOD IN THE FREE THE FIRST ROW SHALL BE PLANTED ONE FOOD IN THE FIRST ROW SHALL BE PLANTED ONE FOOD IN THE STATE FREE REMADDER OF THE REPORTESTATION AREA MAY SEE PLANTED RANDOMLY WITH APPROXIMATE SPACING AS REQUIRED, REFORESTATION PLANTINGS SHALL BE SHIFTED AS NEEDED TO ACCOMMODATE SPECIMEN TREE WITIGATIONS SHALL BE SHIFTED AS NEEDED TO ACCOMMODATE SPECIMEN TREE WITIGATION PLANTINGS HERE AND SHALL NOT BE INSTALLED WITING THE PLANTING SHALL BE SHIFTED AS NEEDED TO ACCOMMODATE SPECIMEN TREE WITIGATION PLANTINGS FROM SHALL NOT BE INSTALLED WITING THE PLANTING SHALL BE SHIFTED AS NEEDED TO ACCOMMODATE SPECIMEN TREE WITIGATION PLANTINGS FROM PLANTING SHALL BE SHIFTED AS NEEDED.



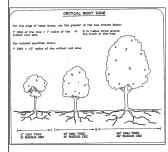
Specimen Tree Mitigation Plantings

Qty	Species	Size	Specing
56	Acer rubrum - Red maple		
To be selected from	Liriodendron tulipifera - Tulip poplar	3" dbh	andscape
the following list of species based on	Platanus occidentalis - Sycamore	1	plans for mitigation
availability at the	Quercus alba - White oak	1	planting
time of planting	Quercus rubra - Red oak	1	locations





CHARISSE TROTTER ROAD CSVILLE, MARYLAND	21029	RIVER HILL ESTATES LOTS 1-31 AND OPEN SPACE LOTS 32-35 A Re-Subdivision of Lot 5 (previously recorded as FOrest Hills Plat No. C-1144);									
AY EDWARD A AY BARBARA A TROTTER ROAD COVILLE, MARYLAND	21039	Lots 6 and 27 (previously recorded as Forest Hills Plat No. 4258); Lots 34 and 35 (previously recorded as Forest Hills Plat No. 8258)									
17: G STEVEN SEKU G SUN WHA SYRADUSE COURT CSVILLE, WARYLAND	21000	TAX MAP: 0035 GRID: 0008 PARCEL: 0373 ZONED: R20 ELECTION DISTRICT NO HOWARD COUNTY, MARYLAND									
4 AND 35: TROTTER LLC LAKE DRIVE POLIS, MARYLAND		PRELIMINARY FOREST CONSERVATION PLAN									
		DATE:	JUNE	11, 2025	BEI PROJECT	NO.	320	00			
IGN:	CHECK:	SCALE:	AS	SHOWN	SHEET	15	OF	17			



TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY

PLANNING DIRECTOR

APPROVED PLANNING BOARD OF HOWARD COUNTY DATE ____

1753

REFORESTATION PLAN

A. Planting Plan and Methods

DEER SHELTERS OR CAGES ARE REQUIRED FOR ALL PLANTING STOCK.

SECTION
3.93 PLANT
MATERIAL SIZE,
DENSITY AND
ARRANGEMENT
OF THE FOREST
CONSERVATION
MANUAL.

Profit is plantly to proceed Frost Continuential Essentials in still files con in E.

Frost is plantly to proceed Frost Continuential Essentials in still files con in E.

Frost is plantly to proceed Frost Continuential Essentials in Essenti

B. Planting and Soil Specifications

Plant material will be installed in accordance with the Planting Detail and Planting Specifications shown on the Formst Conservation Plan.

Amendments to existing soil will be in accordance with the Planting Specifications sho on the Forest Conservation Plan. Soil disturbance will be limited to individual planting learning.

A 50 percent survey rate of the reforestation plannings will be required after one grow season. All plans material below the 50 percent survival threshot will be required after season. All plans resource growing seasons, a 75 percent survival rate will be required. All plant material below the 75 percent survival rate will be required. All plant material below the 75 percent survival rate will be required. All plant material below the 75 percent survival rate will be required. All plant material below the 75 percent survival rate will be required. The plant plant

A. Forest Protection Technique

1. Soil Protection Area (Critical Root Zone)

The soil protection area, or critical root zone, of a tree is that portion of the soil coharm where most of a lib roots may be found. The majority of node responsible to water and mirrind upsiak are located just below the soil surface. I remposely femior, shall be placed around the critical root zone of the forest in areas where the forest in occur within 50 feel of the limit of disturbance.

2. Fencing and Signage

B. Fre-Gunstraudon Meeting

control is in order, and to notify the contractor of possible blance with the FCP.

C. Storage Facilities/Equipment Cleaning

All equipment storage, parking, sanitary facilities, material stockpling sled with sometization of the project will be restricted to those sense and of Forst Conservation Essentiar. Cleaning of equipment will be in the LOD of the proposed homestes. Wastewater resulting from equi yell be controlled to prevent nurself into environmentally sensitive a

1. Install all signage and sediment control

Hold pre-construction meeting between developer, contractor and County inspender.

5. Remove sediment control.

 Hold post-construction meeting with County inspectors to assur compliance with PGP. Submit Certification of installation. 7. Monitor and maintain plantings for 2 years

POST-CONSTRUCTION MANAGEMENT PLAN

d County requires a two year post-constru The following items will be incorporated into the plan:

B. General Site Inspections/Maintenance of Plantings

Site inspections will be performed a minimum of three times during the growing season. The purpose of the inspections will be to assess the health of the afforestation plantines. Appropriate measures will be taken to rectify any orbitams which may are.

ering - All plant material shall be watered twice a month during the 1st growing season, more or less frequently depending on weather con During the second growing season, once a month during May-Seate in needed.

Removal of invasive excitics and noxious weeds. Old field successions species will be retained.

4. Pruning of dead branches. After 12 and 24 months, replacement of plants, if required, in accordant with the Guarantee Requirements shown on the ECP.

D. Final Inspection

At the end of the two year post-construction management period, Eco-Science essionals, or another qualified professional, will submit to the administrator of the Howard County Forest Conservation Program certification that all referition talforests requirements have been met. Upon acceptance of this certification, the County will release the developer from all future obligations and release the developer's bond.

Installation of barercotiplug plant stock shall take place between March 15 - April 20; Idibitionnainer stock March 15 -May 30 or September 15 - November 15. Foll planting of B&S Naturbed areas shall be seeded and stabilized as per general construction plan for project. Faciling areas not impacted by site grading shall have no additional topsoil installed.

bereroot plants shall be installed so that the top of root mass is level with the top of existing pade. Roots shall be dipped in an arti-desicourt gel prior to planting. Backfill in the planting pits hall consist of 3 parts existing soft or 1 part prior from or excludent.

erfilizer shall consist of Agriform 22-6-2, or equivalent, applied as per manufacturer's positications, for woody plants. Harbacous plant shall be furtilized with Carroccels 8-6-12. Fant material shall be transported to the site in a targed or covered truck. Plants shall be kept OWNER
LOT 5:
SARY C
5960 T
CLARKS
LOT 6:
RISTNAN
RISTNAN
5946 T
CLARKS LOT 27: HWANG HWANG 6105 St CLARKS LOT 34 5938 T 82 E L

Specimen/Significant Tree Chart

Key	Species	Size	CRZ 1:1.5	Condition	State	50	Tulip poplar	26.5	39.75		101.27
(X#)		(in.dbh)	(feet radius)	(good unless otherwise noted)	Champion (in. dbh)	51	Tulip poplar	33	49.5		101.27
1	White pine	27.5	41.25	Fair, some dieback	52.99	52	Tulip poplar	28	42		101.27
2	White pine	37.5	56.25	Poor, trunk rot	52.99	53	Tulip poplar	36.5	54.75		101.27
3	American beech	36	54	Fair	78.03	54	Tulip poplar	30.5	45.75	Poor, trunk rot	101.27
4	White pine	30.5	45.75	Fair	52.99	55	White oak	25,5	38,25		88,85
5	Tulip poplar	43.5	65.25	Fair	101.27	58	Tulip poplar	41.5	62.25		101.27
6	White pine	26	39	Poor, dieback	52.99	57	Tulip poplar	24	36		101.27
7	Red maple	30.5	45.75		86.94	58	Tulip poplar	35.5	53.25	Poor, dead co-dominant trunk	101.27
8	Tulip poplar	36	54		101.27	59	Tulip poplar	32	48		101.27
9	Red maple	31	46.5		86.94	60	Tulip poplar	26.5	39.75		101.27
10	Willowoak	38	57	Fair, dieback	87.90	61	Tulip poplar	31	46.5	Fair, co-dominant trunks @ bh	101,27
11	Red maple	34.5	51.75	Fair, dieback	86.94	62	Tulip poplar	33.5/29	50.25	Fair, twin trunks above bh	101.27
12	White pine	25	37.5		52.99	63	Tulip poplar	26	39		101,27
13	Tulip poplar	38	57		101,27	64	Tulip poplar	25.5	38.25		101.27
14	White pine	36	54		52.99	65	Tulip poplar	27	40.5		101.27
15	Tulip poplar	40.5	60.75	Very poor, significant rot	101,27	66	Tulip poplar	27	40.5		101.27
16	White pine	32.5	48.75		52.99	67	Tulip poplar	25.5	38.25		101.27
17	White pine	26	39		52.99	68	Tulip poplar	28	42		101.27
18	White pine	25	37.5		52.99	69	Tulip poplar	25.5	38.25		101.27
19	White pine	24	36		52.99	70	Tulip poplar	26.5	39.75		101.27
20	White pine	24.5	36.75		52.99	71	Tulip poplar	28	42		101,27
21	White pine	27	40.5		52.99	72	Tulip poplar	30	45		101.27
22	Red maple	25.5	38.25		86.94	73	Tulip poplar	24	36		101.27
23	Red maple	34	51		86.94	74	Tulip poplar	25	37.5		101.27
24	Red maple	29	43.5	Poor, storm damage	86.94	75	Tulip poplar	24.5	36.75		101.27
25	White pine	32	48		52.99	76	Tulip poplar	25.5	38.25		101.27
26	English welnut	31.5	47.25		61.15	77	Tulip poplar	33	49.5		101.27
27	Red maple	28.5	42.75		86.94	78	Tulip poplar	30.5	45.75		101.27
28	Tulip poplar	32	48		101.27	79	Tulip poplar	26.5	39.75		101.27
29	Tulip poplar	27.5	41,25		101.27	80	Tulip poplar	37	55,5		101,27
30	Tulip poplar	40,5	60,75	Trimmed for power lines	101,27	81	Red maple	39	58.5	Good/fair, co-dominant trunks	101.27
31	Tulip poplar	43	64.5	Trimmed for power lines	101.27	82	Tulip poplar	58,5	87,75	Fair, some trunk rot	101,27
32	Tulip poplar	29	43.5	Trimmed for power lines	101,27	83	Tulip poplar	36	54	Fair, some trunk rot	101.27
33	White pine	28	42		52.99	8-4	Tulip poplar	31	46.5		101,27
34	White pine	27.5	41.25		52.99	85	Tulip poplar	31	46.5		101.27
35	White pine	24	36		52.99	86	Tulip poplar	33,5	50.25		101.27
36	Pin oak	31.5	47.25		63.38	87	Tulip poplar	38.5	57.75		101.27
37	Red maple	35	52.5	Fair, co-dominant stems	86.94	88	Tulip poplar	26	39		101,27
38	Tulip poplar	33	49.5	Fair, co-dominant stems	101,27	89	Tulip poplar	36	54		101.27
39	Red maple	28	42	Multi-stemmed	86.94	90	Black oak	35	52.5		81.85
40	Tulip poplar	32/27	48	Poor, major lean, dead stem	101.27	91	Tulip poplar	24.5	36.75		101.27
41	White pine	30	45		52.99	92	Tulip poplar	25.5	38.25		101.27
42	White pine	32	48		52.99	93	Silver maple	32	48		93.95
43	White pine	28	42		52.99	94	Red maple	36	54		86.94
44	White pine	36	54	odd branching pattern	52.99	95	Silver maple	24.5	36.75	Good/Fair, vine pressure present	93.95
45	Black walnut	29.5	44.25		74.52	96	Tulip poplar	28	42	Fair/Poor, large storm damage present in canopy, heavy vine pressure	101,27
46	Mulberry	30	45		75.48	97	Red maple	32	48	Fair, rot present at large pruning cut	86.94
47	Red maple	46.5	69.75	Fair, co-dominant stems fused @ bh	86.94	98	White pine	28	42	Fair/Poor, large dead present, girdling root,	52.99
48	Tulip poplar	37	55.5 46.5		101.27	-				trunk scar with carpenter ant damage	
49	Tulip poplar	31	46.5		101.27	99	White pine	28	42		52.99
						100	Tulip poplar	33.5 29.9	50.25 44.85		101.27
						101	Tulip poplar				101.27
						102	Tulip poplar	41	61.5	1	101.27

	Other Deduct		c			
D.	Net Tract Are	3.				
	Use Categor		appropriate las	nd use (limit	to only one er	(av)
	Basis	Beeld	Beeld	land (Bandded /	Mines

FOREST CONSERVATION WORKSHEET FOR

| Resid. | Resid. | Resid. | Inst./ | RetallInd./ Mixed Use/ | Rural L.D. | Rural M.D. | Suburban | Linear Office | PUD | 0 0 0 0 E. Afforestation Threshold (Net Tract Area x F. Reforestation Threshold (Net Tract Area x

Break Even Point
J. Break Even Point
K. Forest Clearing Permitte J = 3.83 K = 1.27 L = 2.70 M = 2.20

Planting Requirements Outside Valarshed
W. Total Planting within Development Sile Valarshed
W. Total Planting within Development Sile Valarshed
Y. Total Affirestation Required
Y. Remaining Planting within Watershed for Reforestation
Y. Remaining Planting within Watershed for Reforestation
A. Reforestation for Cleaning above the Reforestation Tha
A. Reforestation for Cleaning below the Reforestation The
Col. Total Reforestation and Reforestation Requirement
OC. Total Reforestation Requirement

Written Findings for Clearing within a Priority Retention Area

Written findings and justification for any clearing of a priority retention area, as listed in Code section 16.1205b is required for development project.

Justification for Clearing

Priority Ranking

Department of the Environment: (9) Forest located in a water resource protection zone, a reservoir watershed, or a wellhead protection

1. The design minimizes disturbance and addresses the protection of these areas in the priority which they are listed;

2. There is no other reasonable alternative; and 3. The cost of an alternative improvement shall not be a factor in deciding whether the criteria above can be met. The following chart outlines the compliance goals of the FCA relative to the retention of high priority forest:

(1) Howard County Green Infrastructure Network. Not impacted by project 100-year floodplain as defined in the Not impacted by project Subdivision Regulations. (3) Stream buffers as defined in the Subdivision Regulations, except that a minimum 100-foot buffer shall be provided for perennial streams; Not impacted by project Critical habitat areas and forest corridors with a minimum width of 300 feet, where practical, for Not impacted by project wildlife movement. The forest on the site is mapped as potential forest interior-dwelling species habitat but all of the forest on the site is within the 300 foot influence of the edge effect. The proposed breest clearing is limited to the outer edge of the stand and will not directly impact any functional interior forest. The cleaning will not indirectly impact offsite forest because of overlapping edge effect from existing forest edges. (6) Forest suitable for forest interior-dwelling No rare, threatened, or endangered species are reported on or adjacent to the site per the Living Resources mapping on MD Merlin. Steep slopes as defined in the Subdivision Regulations and slopes of 15% or greater with a soil prodibility factor greater than 0.35; Not impacted by project (8) Forest located in a Tier III or Tier III high quality watershed as identified by the Maryland

The forest on the site is mapped within an urban area and Irrited forest clearing is proposed. Avoidance of all forest clearing would create a hardship in that all of the forest on the site is considered urban forest and the forest couples were 30 percent of the property. The challenge of bisharcing development that follows the density allocation of master planned zoning and urban forest protection is a difficult one.

Not impacted by project

Much of the forest to be impacted by the proposed development is a man-made white pine planting that is isolated and has limited species and structural diversity. The proposed site plan, however, will allow for the reference of the highest priority forest. This includes natural decicious breat in and adjacent to the stream buffers in the west end of the site. The set plan also proposes contribe referentation so which ship illuminary more forest will be present on the site than coursely exists. The inforestation will be accomplished with a developed for the site of th

amed and created will be protected in ea stection, as is currently the case. (11) Forest cortiquous with the priority areas lated above.

| Forest cortiquous with the priority areas lated the project is cortiquous to this project or the site. The limited forest clearing proposed for the project is cortiquous to this protofy forest type. Only a renal even of forest to be set as well as well as the project is cortiquous to the protofy forest type. Only a renal even of forest to be set as well as well as well as well as the project in the project. Only the project in the project in the project. Only the project in the project in the project in the project. Only the project in the project is considered in the project in the project. Only the project in the project in the project in the project in the project. Only the project in the project in the project in the project in the project. Only the project in the project in the project in the project in the project. Only the project in the project. Only the project in th

(12) Forest contiguous with off-site forest, if the off-site forest is also protected by a Forest Not impacted by project onservation Easement; (13) Property line and right-of-way buffers, particularly adjacent to scenic roads

Not impacted by project - the project's reforestation plans will fortify the forest along the property line.

SPECIMEN TREE IMPACT CALCULATOR TREE CRZ (sf) LOD (sf) disturbed (Y/N)

2	9,940	9,940	100%	YES
3	9,161	9,161	100%	YES
4	6,576	6,576	100%	YES
5	13,375	10,499	78%	YES
7	6,576	309	5%	NO
- 8	9,161	5,025	55%	YES
9	6,793	1,658	24%	NO
10	10,207	5,494	54%	YES
11	8,413	334	4%	NO
13	10,207	3,012	29.5%	NO
14	9,160	8,011	87%	YES
15	11,594	11,594	100%	YES
16	7,466	7,466	100%	YES
23	8,171	6,763	83%	YES
25	7,238	1,226	17%	NO
26	7,014	1,887	27%	NO
28	7,238	7,238	100%	YES
30	11,594	11,594	100%	YES
31	13,070	8,648	66%	YES
36	7,014	7,014	100%	YES
37	8,659	8,659	100%	YES
38	7,698	7,698	100%	YES
40	7,238	7,238	100%	YES
41	6,362	6,362	100%	YES
42	7,238	7,238	100%	YES
44	9,161	9,161	100%	YES
46	6,362	1,417	22%	NO
47	15,284	4,746	31%	YES
48	9,677	1,795	19%	NO
49	6,792	298	4%	NO
51	7,698	2,671	35%	YES
53	9,417	680	7%	NO
54 56	6,576	1,841	0%	NO NO
		2,276	19%	YES
58 59	8,908 7.328	4,401	49%	YES
61	6,793	3,668 6,793	100%	YES
62	7,933	7,933	100%	YES
72	6,362	5.375	84%	YES
77	7,698	2,282	30%	NO.
78	6,576	314	5%	NO
80	9,677	0	0%	NO
81	10.751	1,800	17%	NO NO
82	24,190	1,761	7%	NO
83	9,161	0	0%	NO
84	6,793	731	11%	NO
85	6,792	1.273	19%	NO
86	7.933	0	0%	NO
87	10.477	0	0%	NO.
89	9,161	0	0%	NO
90	8,659	0	0%	NO
93	7,238	2,032	28%	NO
94	9,160	1,492	16%	NO
97	7,238	7,238	100%	YES
100				
		0	0%	NO
102	7,933 11,882	0	0%	NO NO

Eco-Science Professionals, Inc

BENCHMARK

ENGINEERING, INC. 3300 NORTH RDGE ROAD & SUITE 140 & ELLICOTT CITY, MAR (P) 410-465-6105 (F) 410-465-6844



CHECK:

DESIGN:

RIVER HILL ESTATES

A Re-Subdivision of Lot 5 (previously recorded as FOrest Hills Plat No. C-1144) Lots 6 and 27 (previously recorded as Forest Hills Plat No. 4258), Lots 34 and 35 (previously recorded as Forest Hills Plat No. 8258)

TAX MAP: 0035 GRID: 0008 PARCEL: 0373
ZONED: R-20
ELECTION DISTRICT NO. ___ HOWARD COUNTY, MARYLAND

FOREST CONSERVATION PLAN DATE: JUNE 11, 2025 BEI PROJECT NO. 3200 SHEET 16 OF 17

SCALE: AS SHOWN

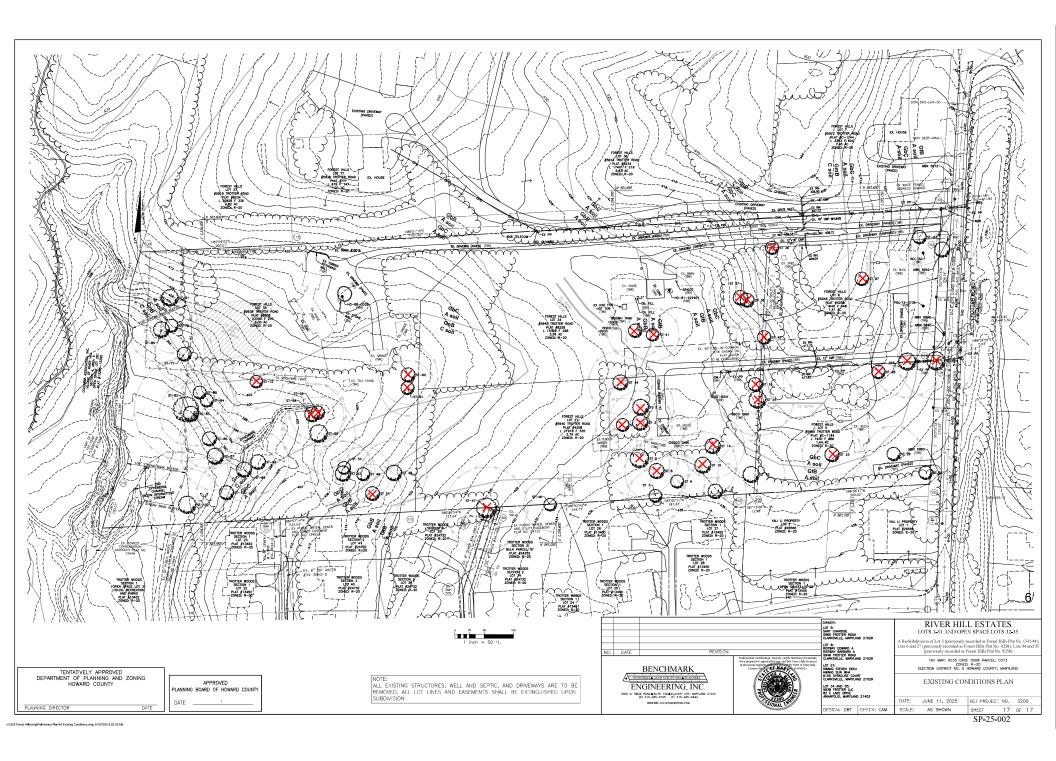
TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

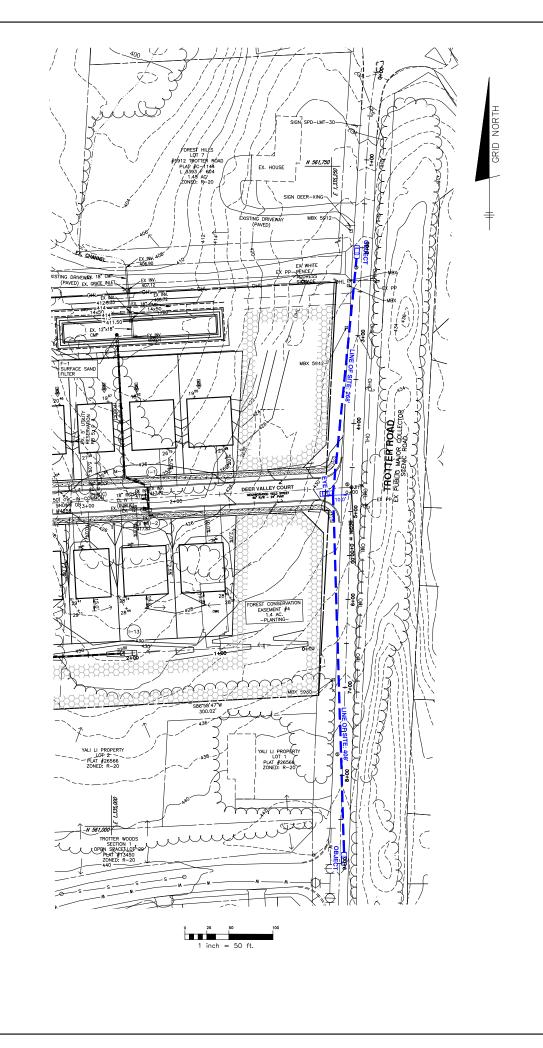
PLANNING DIRECTOR DATE

APPROVED PLANNING BOARD OF HOWARD COUNTY DATE __

J. Brody McAlliste

Lines make the second





NOTE:

THE SPEED STUDY USED FOR THIS ANALYSIS WAS PREPARED BY MARS GROUP, DATED MAY, 2024.

THE 85TH PERCENTILE SPEEDS WERE AS INDICATED BELOW:

TROTTERT ROAD NORTHBOUND: 37 mph SOUTHBOUND: 28 mph

NOTE:

TROTTER ROAD TOPOGRAPHY SHOWN IS BASED ON FIELD SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. IN SEPTEMBER, 2024.

INTERSECTION SIGHT DISTANCE

ISD = 1.47(Vmajor)(tg)

WHERE:

ISD = intersection sight distance (length of the leg of sight triangle along the major road)(ft)

Vmajor = design speed of major road(mph)

 $tg=time\ gap\ for\ minor\ road\ vehicle\ to\ enter\ the\ major\ road\ (s).$ 7.5s for CASE B1, 6.5s for CASE B2 and B3 per EXHIBIT 9-54 and 9-57

NOTE:

PER SECTION 2.1.E.3;

INTERSECTION SIGHT DISTANCE IS MEASURED USING A HEIGHT OF EYE OF 3.5 FEET AND HEIGHT OF OBJECT OF 3.5 FEET. THE DISTANCE IS MEASURED FROM A POINT 10 FEET BACK FROM THE EDGE OF PAVING OR FLOW LINE OF THE MAJOR STREET.

CASE B-1: LEFT TURN FROM STOP

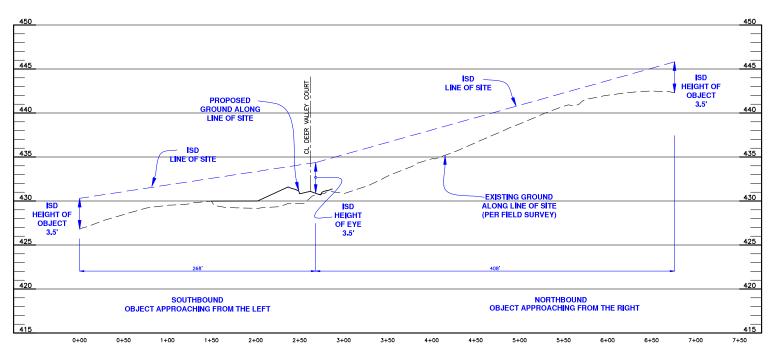
ISD = 1.47 (37 mph) 7.5 = 408'

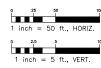
CASE B-2: RIGHT TURN FROM STOP

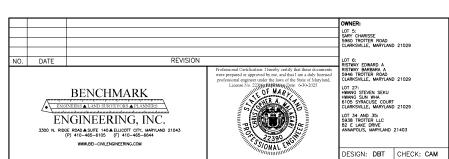
ISD = 1.47 (28 mph) 6.5 = 268'

CASE B-3: CROSSING MANEUVER

ISD = 1.47 (mph) 6.5 = N/AISD = 1.47 (mph) 6.5 = N/A







RIVER HILL ESTATES

LOTS 1-31 AND OPEN SPACE LOTS 32-35

A Re-Subdivision of Lot 5 (previously recorded as FOrest Hills Plat No. C-1144); Lots 6 and 27 (previously recorded as Forest Hills Plat No. 4258); Lots 34 and 35 (previously recorded as Forest Hills Plat No. 8258)

TAX MAP: 0035 GRID: 0008 PARCEL: 0373
ZONED: R-20
ELECTION DISTRICT NO. __ HOWARD COUNTY, MARYLAND

SIGHT DISTANCE ANALYSIS INTERSECTION SIGHT DISTANCE

 DATE:
 DECEMBER 15, 2024
 BEI PROJECT NO.
 3200

 SCALE:
 AS SHOWN
 SHEET
 1 of 1

