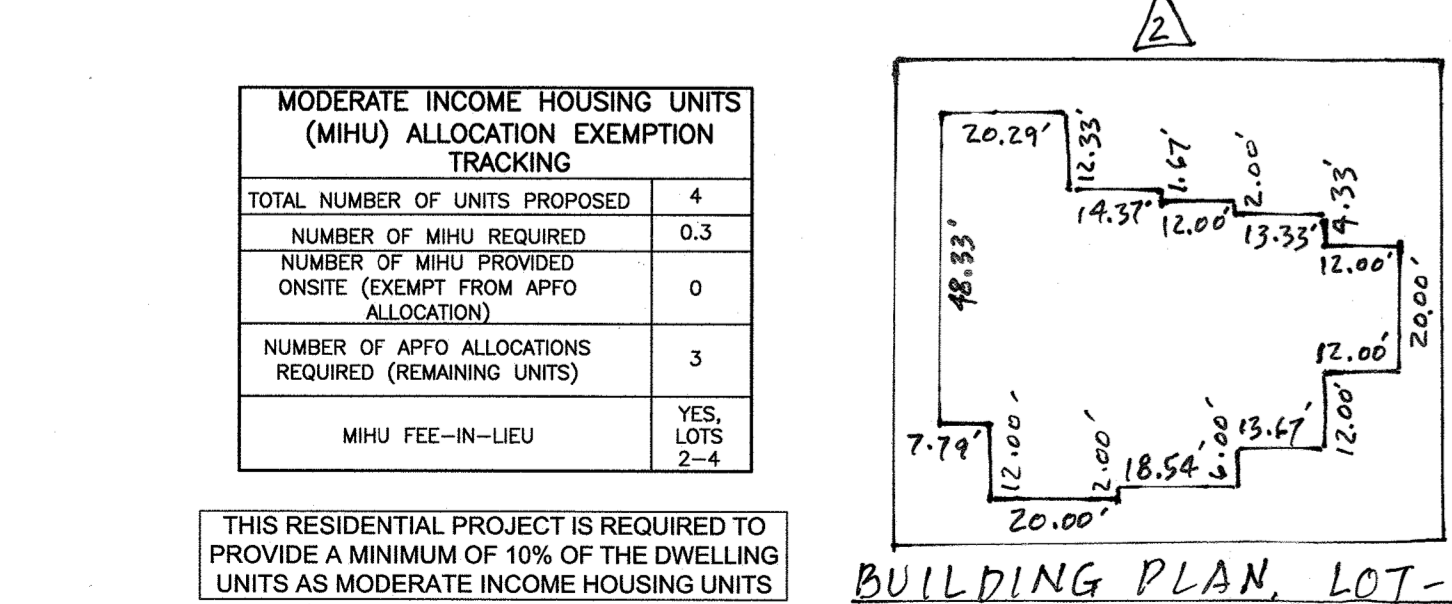


GENERAL NOTES

- SUBJECT PROPERTY ZONED RC-DEO PER THE 10-6-13 COMPREHENSIVE ZONING PLAN. THIS PROJECT IS IN CONFORMANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS AS APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- A PRIVATE RANGE OF ADDRESS SIGN ASSEMBLY SHALL BE FABRICATED AND INSTALLED BY HOWARD COUNTY BUREAU OF HIGHWAYS AT THE DEVELOPERS/OWNERS EXPENSE. CONTACT HOWARD COUNTY TRAFFIC DIVISION AT 410-313-5782 FOR DETAILS AND COST ESTIMATES.
- EXISTING TOPOGRAPHY IN THE AREA OF DEVELOPMENT IS TAKEN FROM A FIELD RUN SURVEY PREPARED BY BENCHMARK ENGINEERING, INC. DATED JUNE 2016 AND HOWARD COUNTY 2008 GIS AND ARE 2' INTERVALS.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 09HA AND 09DB WERE USED FOR THIS PROJECT.
- WATER IS PRIVATE.
- SEWER IS PRIVATE.
- STORMWATER MANAGEMENT FOR THIS SITE WILL BE GRASS SWALE(M-8), NON-ROOFTOP DISCONNECTS(N-2) AND DRYWELLS(M-5). THE DRYWELLS WILL BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNER. THE GRASS SWALE WILL BE PRIVATELY OWNED AND MAINTAINED BY THE HOA.
- THE EXISTING UTILITIES ARE BASED ON FIELD RUN TOPOGRAPHY, HOWARD COUNTY GIS AND HOWARD COUNTY CONTRACT DRAWINGS.
- THE EXISTING FLOODPLAIN SHOWN IS BASED ON A FLOODPLAIN ANALYSIS PREPARED BY BENCHMARK ENGINEERING, INC. DATED DECEMBER 2017.
- A FOREST STAND DELINEATION WAS PREPARED BY WRIGHT ENVIRONMENTAL & LAND SERVICES, LLC. DATED MAY 2015.
- THE TRAFFIC STUDY IS NOT REQUIRED.
- THE GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN STREAMS, FLOODPLAIN OR THEIR REQUIRED BUFFERS UNLESS APPROVED BY THE DEPARTMENT OF PLANNING AND ZONING. REFERENCE WP-18-018.
- THERE ARE NO ON-SITE STEEP SLOPES IN EXCESS OF 20.00% SLOPE FEET.
- OUR BEST EFFORTS TO IDENTIFY ANY UNRECORDED EASEMENTS LOCATED IN THE DEVELOPMENT AREA.
- THE GEOTECHNICAL REPORT WAS NOT REQUIRED FOR THIS SITE.
- THIS SITE IS NOT LOCATED WITHIN THE METROPOLITAN DISTRICT.
- ALL LANDSCAPING REQUIREMENTS SHALL BE FULFILLED IN ACCORDANCE WITH THE HOWARD COUNTY CODE, AND THE LANDSCAPE MANUAL. SURETY SHALL BE PROVIDED WITH THE GRADING PERMIT FOR EACH LOT; LOT 2-\$2,100.00 FOR 7 SHADE TREES, LOT 3-\$2,100.00 FOR 7 SHADE TREES, AND LOT 4-\$7,800.00 FOR 26 SHADE TREES.
- THE FOREST CONSERVATION OBLIGATIONS FOR THIS PROJECT WILL BE MET BY THE ON-SITE RETENTION AND AFFORESTATION OF 4.00 ACRES. SURETY IN THE AMOUNT OF \$87,120.00 WILL BE POSTED AS PART OF THE DEVELOPERS AGREEMENT.
- PREVIOUS DPZ FILES: ECP-15-075, WP-16-065, WP-18-018
- A PRE-SUBMISSION COMMUNITY MEETING FOR THIS PROJECT WAS HELD ON DECEMBER 20, 2017 AT 6:00 PM AT MIDDLEBURY SCHOOL IN ACCORDANCE WITH SECTION 16.128 AND 16.147(b)(1) OF THE SUBDIVISION REGULATIONS.
- THE PLAN DOES NOT REQUIRE PRESENTATION TO THE HISTORIC DISTRICT COMMISSION PER PLANNING AND ZONING.
- THE EXISTING HOUSE LOCATED ON LOT 1 IS TO REMAIN.
- TRAFFIC CONTROL DEVICES:
 - THE R1-1 (STOP) SIGN AND THE STREET NAME SIGN (SNS) ASSEMBLY FOR THIS DEVELOPMENT MUST BE INSTALLED BEFORE THE BASE PAVING IS COMPLETE.
 - THE TRAFFIC LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND MUST BE FIELD APPROVED BY HOWARD COUNTY TRAFFIC DIVISION (410-313-2430) PRIOR TO THE INSTALLATION OF ANY OF THE TRAFFIC CONTROL DEVICES.
 - ALL TRAFFIC CONTROL DEVICES AND THEIR LOCATIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - ALL SIGN POSTS USED FOR TRAFFIC CONTROL DEVICES INSTALLED IN THE RIGHT-OF-WAY SHALL BE MOUNTED ON A 2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE POSTED (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED, SQUARE TUBE SLEEVE (12 GAUGE) - 3' LONG. THE ANCHOR SHALL NOT EXTEND MORE THAN TWO HOLES ABOVE GROUND LEVEL. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF EACH POST.
- IN ACCORDANCE WITH SECTION 104.0.F OF THE ZONING REGULATIONS AT LEAST 10% OF THE DWELLING UNITS SHALL BE MODERATE INCOME HOUSING UNITS (MIHU). THIS DEVELOPMENT PROJECT REQUIRES 1 UNIT AND IS PROPOSING A FEE-IN-LIEU AN MIHU AGREEMENT WILL BE RECORDED IN THE LAND RECORDS SIMULTANEOUSLY WITH THE PLAT.
- NO TRAFFIC STUDY REQUIRED FOR THIS DEVELOPMENT.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS FOR FIRE AND EMERGENCY VEHICLES THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH - 12' (16' SERVING MORE THAN ONE RESIDENCE).
 - SURFACE - 6" OF COMPACT CRUSHER RUN BASE WITH TAR AND CHIP COATING. (1-1/2" MIN.)
 - GEOMETRY - MAX. 15% GRADE, MAX. 10% GRADE CHANGE & MIN. 45' TURNING RADIUS.
 - STRUCTURES/CULVERTS/BRIDGES - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOAD)
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY.
 - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- THIS PLAN IS SUBJECT TO THE 5TH EDITION OF THE HOWARD COUNTY SUBDIVISION REGULATIONS AND AMENDED HOWARD COUNTY ZONING REGULATIONS.
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL, AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND RIGHT-OF-WAY AND NOT ONTO THE PIPESTEM LOT DRIVEWAY.
- "BRL" INDICATED BUILDING RESTRICTION LINE.
- THIS PLAN IS SUBJECT TO WP-16-065 TO WAIVE SECTIONS 16.120(b)(6)(ii)(c), SECTION 16.120(b)(4)(i), SECTION 16.120(b)(4)(iii)(b), SECTION 16.115(c)(2), SECTION 16.120(b)(5) AND SECTION 16.108(b)(48) DATED JANUARY 15, 2018.
- THIS PLAN IS SUBJECT TO ALTERNATIVE COMPLIANCE WP-18-018 APPROVED SEPTEMBER 11, 2017 OF SECTIONS 16.120(b)(6)(ii)(c), SECTION 16.120(b)(4)(i), SECTION 16.120(b)(4)(iii)(b), SECTION 16.115(c)(2) AND SECTION 16.120(b)(5).



APPROVED: DEPARTMENT OF PLANNING AND ZONING

Karl Schaefer 10-26-18
CHIEF, DIVISION OF LAND DEVELOPMENT

Chad Rhoads 10-18-18
CHIEF, DEVELOPMENT ENGINEERING DIVISION

SUPPLEMENTAL PLAN WILLOW BROOKE

LOTS 1 THRU 4 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND



PROFESSIONAL CERTIFICATION
I hereby certify that the red line markings shown hereon 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 # 11049, expires 2/10/2021.

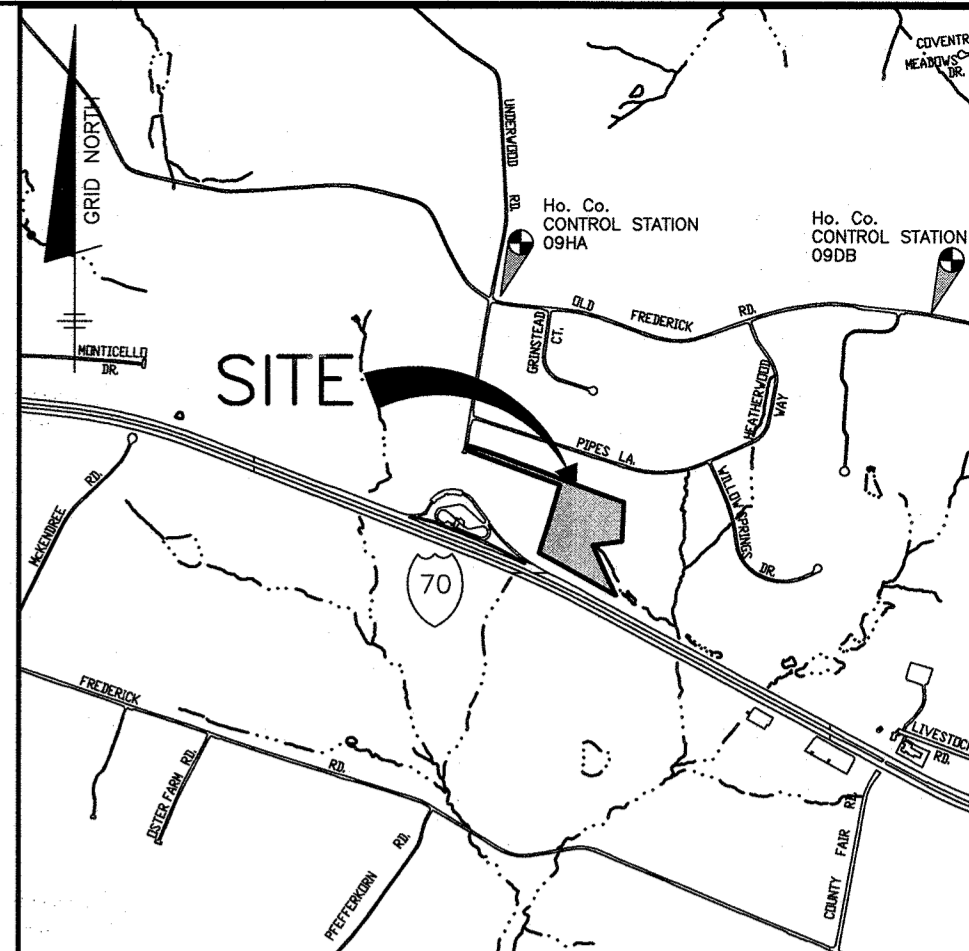
M. Najib Roshan 11/14/2019
M. NAJIB ROSHAN DATE
MD. REG. PROF. LAND SURV. 11049
(FOR LOT 4 ONLY)

REVISIONS

No.	DESCRIPTION	DATE
1	UPDATED HOUSE TYPE ADJUSTED GRADING, ADDED ONE DRYWELL TO LOT-2 (BY NTR & ASSOC.)	11/19/19
2	UPDATED HOUSE TYPE & DRIVEWAY, ADJUSTED GRADING, ADDED ONE DRYWELL TO LOT-2 (BY NTR & ASSOC.)	8/26/21

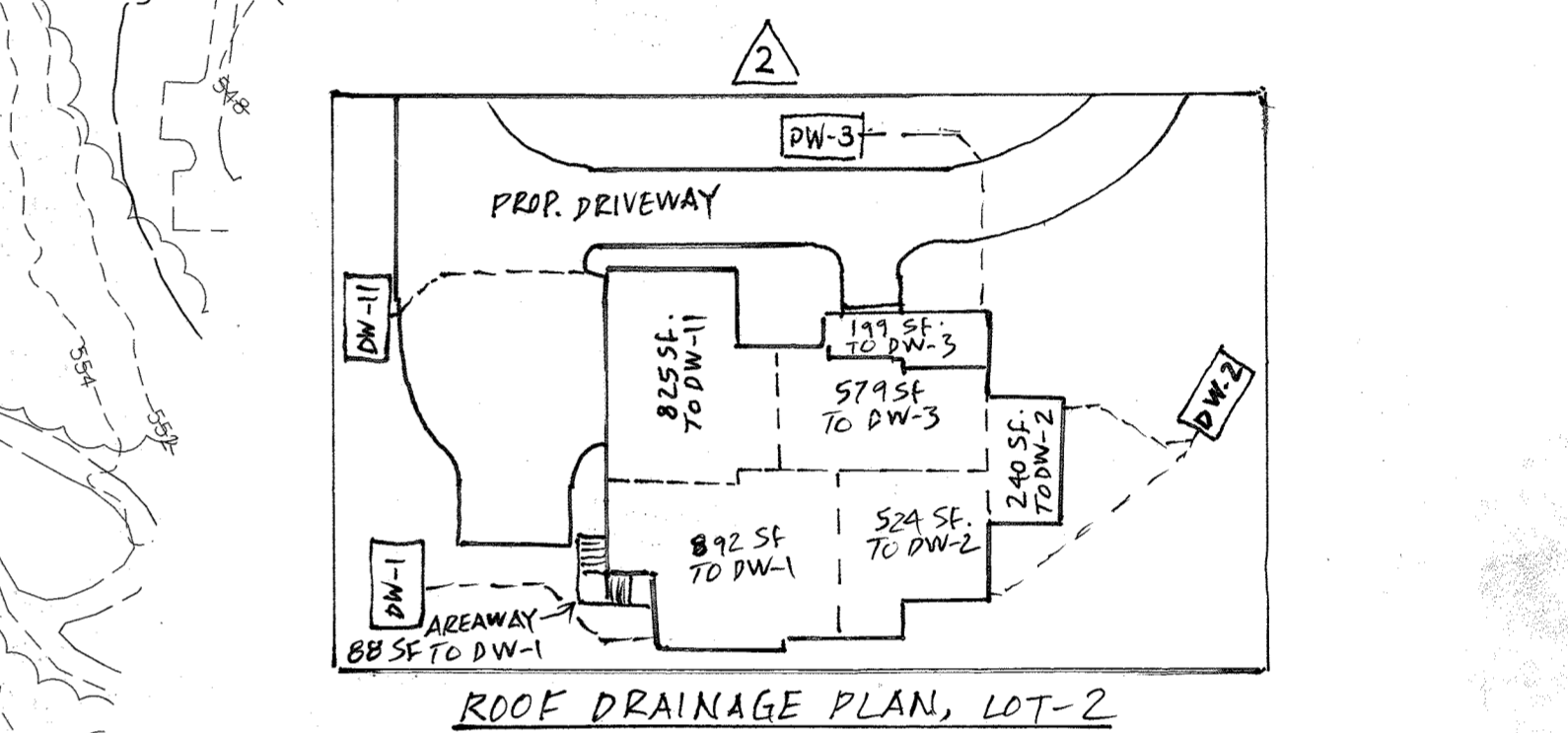
BENCH MARKS

HO. CO. #09HA (NAD '83)	ELEV. 604.471
STANDARD DISC ON CONCRETE MONUMENT UNDERWOOD ROAD 0.1 MILES NORTH OF RTE. 99	N 604263.527 E 1318531.061
HO. CO. #09DB (NAD '83)	ELEV. 609.215
STANDARD DISC ON CONCRETE MONUMENT RTE. 144 0.4 MILES OF UNDERWOOD ROAD (BY #13555)	N 605072.385 E 1316990.416



SHEET INDEX

NO.	DESCRIPTION
1	SITE LAYOUT
2	GRADING PLAN AND SWM CONCEPT
3	LANDSCAPE PLAN, FOREST CONSERVATION PLAN AND DETAILS



LEGEND

- EXISTING CONTOURS
- EXISTING TREELINE
- PROPOSED TREELINE
- PROPERTY BOUNDARY
- PROPOSED WELL
- 100 YEAR FLOODPLAIN LIMITS
- PROP. FOREST CONSERVATION EASEMENT(AFFORESTATION)
- PROP. FOREST CONSERVATION EASEMENT(RETENTION)
- FOREST CONSERVATION SIGN
- PRIVATE USE-IN-COMMON ACCESS EASEMENT
- AREA OF SLOPES 15-24.9%
- FLOODPLAIN CROSS SECTION LOCATION
- LIMIT OF DISTURBANCE

BENCHMARK ENGINEERING, INC.

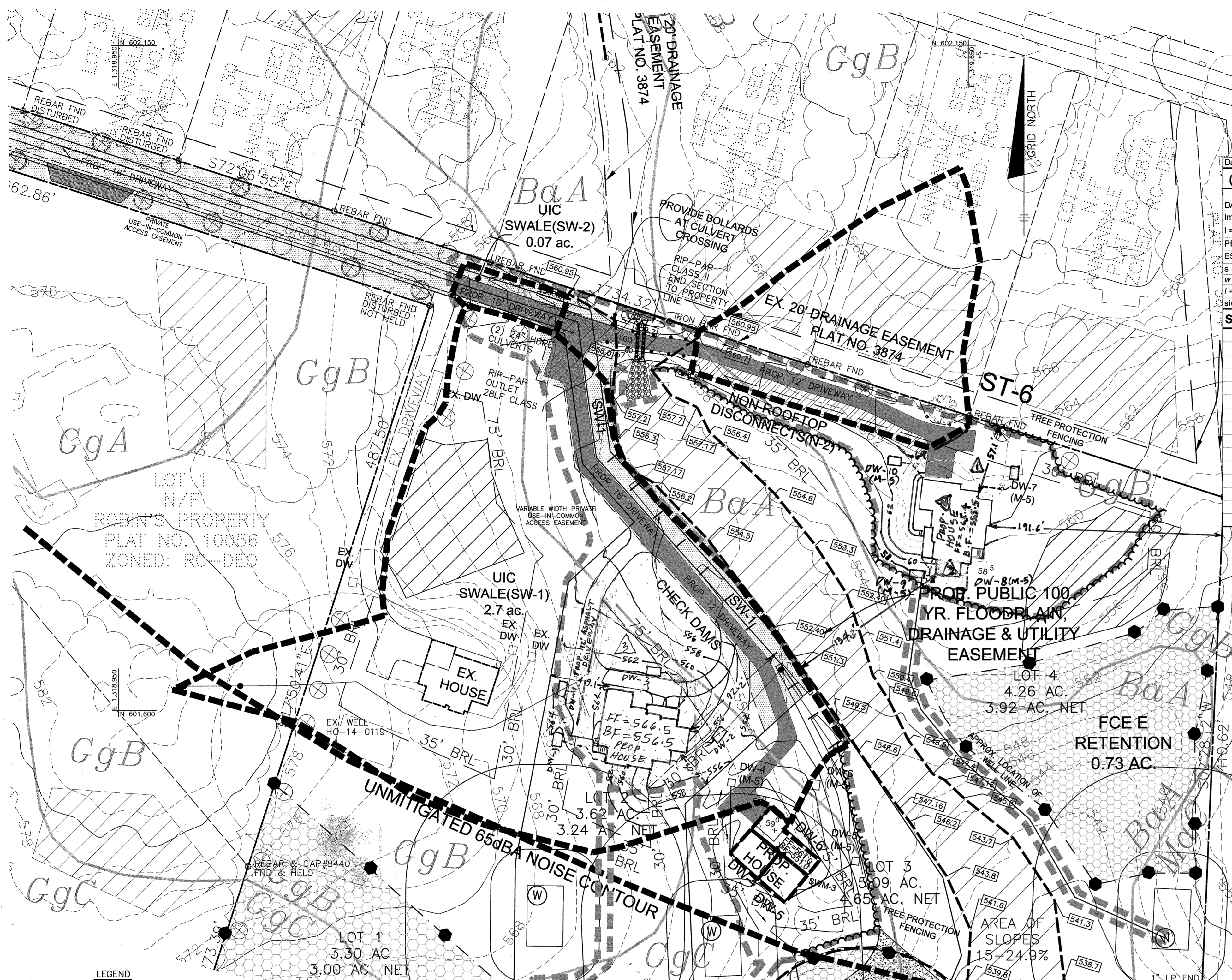
8480 BALTIMORE NATIONAL PIKE SUITE 315
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644
www.bei-civilengineering.com

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. 28376, Expiration Date: 01/01/19.

STATE OF MARYLAND
PAUL S. DI MARCO
REGISTERED PROFESSIONAL ENGINEER
No. 28376
10/11/18

OWNER:	PROJECT:	WILLOW BROOKE LOTS 1-4
PAUL S. DI MARCO	LOCATION:	TAX MAP 9 AND 15, GRID 21, PARCEL 328 3rd ELECTION DISTRICT 1751 S. UNDERWOOD RD SYKESVILLE, MD 21784 HOWARD COUNTY, MARYLAND
1751 S. UNDERWOOD ROAD SYKESVILLE, MD 21784 443-668-0100	TITLE:	SUPPLEMENTAL PLAN SITE LAYOUT
DATE: OCTOBER 2018	PROJECT NO.:	2661
SCALE: AS SHOWN	DRAWING:	1 OF 3

Design: AM/JCO Draft: MDP Check: AM



CHANNEL DATA
 DA = 2.7 AC.
 TC = 0.13
 S = 2.8%
 m = 0.15
 Q10 = 6.0 cfs

SW-1 (UIC SWALE) SECTION (M-8)
 NOT TO SCALE

(M-8) Swale	#1	Sw 1	UIC DRIVE
DA = 118,181 sf			Drainage Area = Sw 1
Imp = 8,200 sf Impervious		R ₁₀ = 0.11	Runoff Coefficient
I = 7% Percent Impervious		A _{10 (req'd)} = 2,363.6 SF (Eqn. 5.2)	
PE (target) = 1.0 Rainfall in inches		A _{10 (prov'd)} = 2,532.0 SF	ok
ESD ₁₀ = 1107 CF Calc.		A ₁₀ % = 2.1%	ok Check
s = 0.028 ft/ft		v = 1.10 ft/s	
w = 6 ft		d = 8.5 in	
l = 422 ft		Actual _v = 1,107 CF Storage Prov'd	
sides = 3:1	HV	Storage = 100%	ok Check

Swale Design

Depth of Channel =	1.00
Freeboard =	0.29
Depth of flow =	0.71
Grass	3:1

Recharge Provided

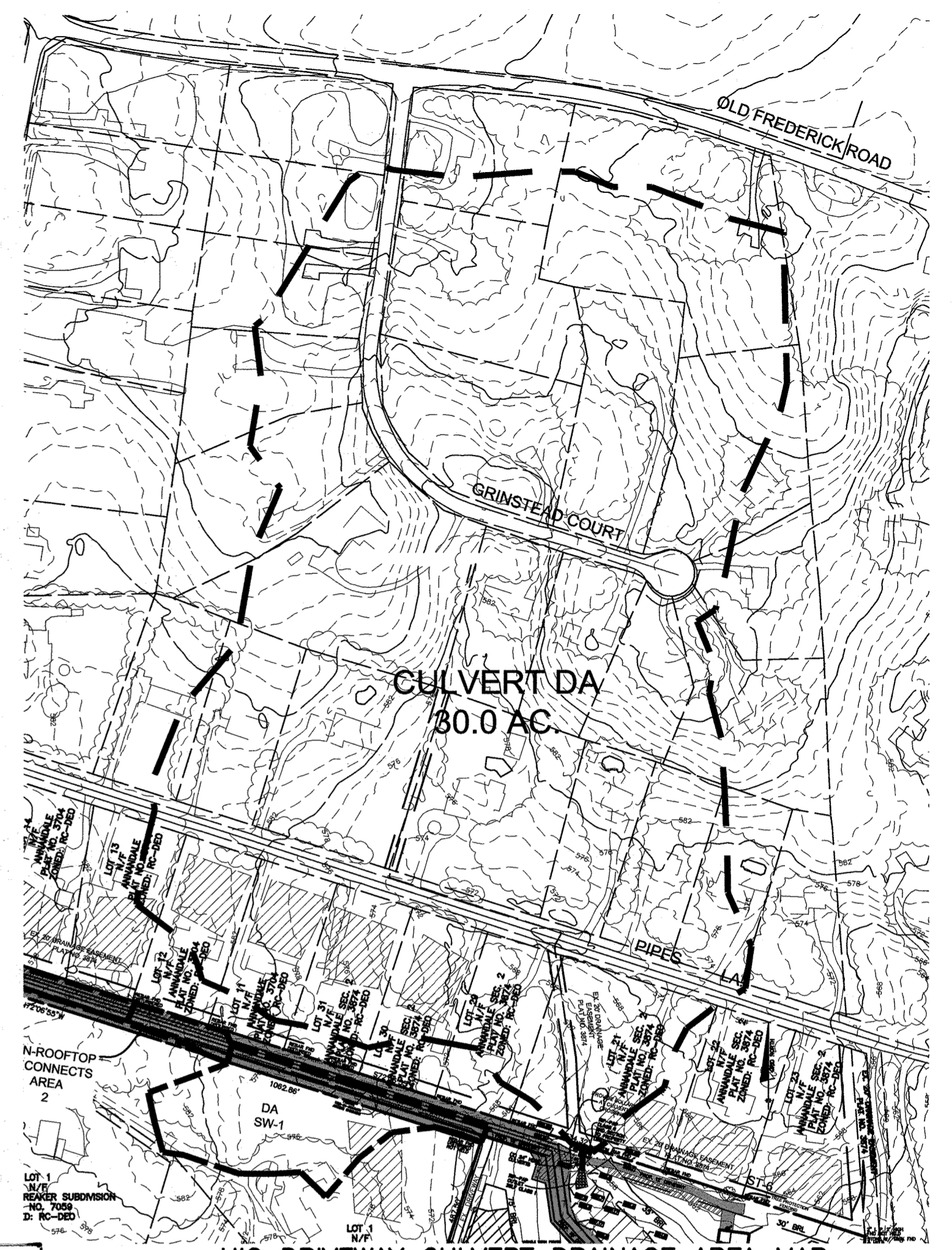
Surface Area =	2,532.0 sf
S =	0.28 ft
Rv =	0.11
A =	118181 sf
Recharge provided =	288 cf

NON-ROOFTOP DISCONNECT LOT 4(N-2)

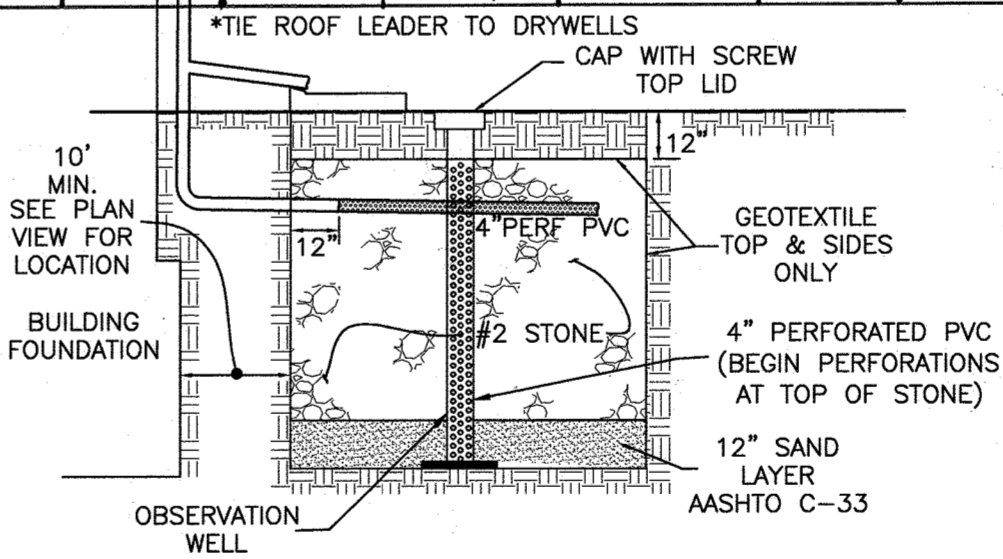
FACILITY	Disconnect Area	Receivn g Area	Pe	Volume Treated
DR-1	2460	2460	1"	205
TOTAL				205 cf

DRYWELL SIZING CHART(M-5)

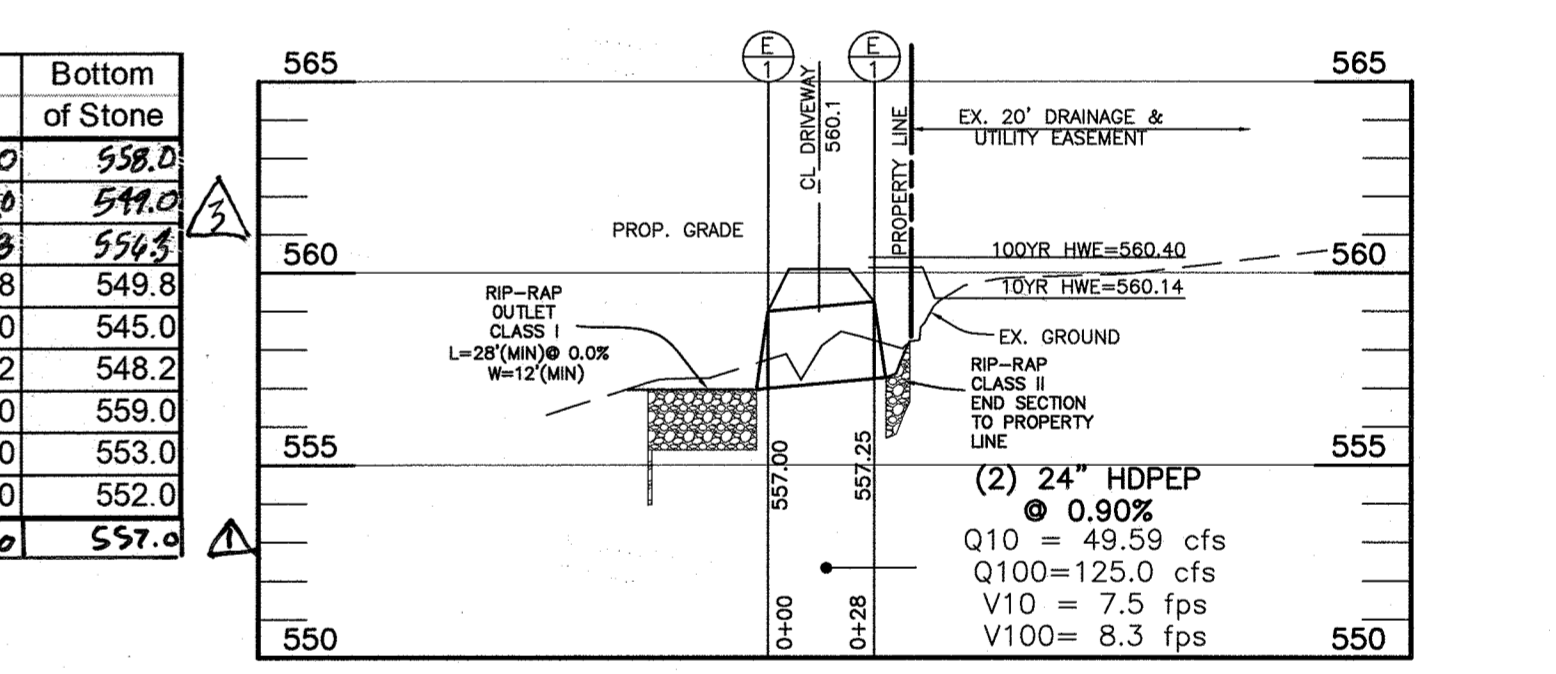
Lot No.	Drywell Designation	Length (ft)	Width (ft)	Depth (ft)	Grade Low End	Top of Stone	Bottom of Stone
2	DW-1	13.00	7.00	5.00	564.0	563.0	558.0
2	DW-2	12.00	7.00	5.00	555.0	554.0	549.0
2	DW-3	12.00	7.00	5.00	562.3	561.3	556.3
3	DW-4	6.00	6.00	5.00	557.0	554.8	549.8
3	DW-5	6.00	6.00	5.00	551.0	550.0	545.0
3	DW-6	8.00	8.00	5.00	554.2	553.2	548.2
4	DW-7	11.00	7.00	6.00	556.0	564.0	559.0
4	DW-8	7.00	6.00	6.00	559.0	558.0	553.0
4	DW-9	11.00	6.00	6.00	558.0	557.0	552.0
4	DW-10	11.00	7.00	5.00	563.0	562.0	557.0



CULVERT DA 80.0 AC
 UIC DRIVEWAY CULVERT DRAINAGE AREA MAP
 SCALE: 1"=200'



DRYWELL(M-5)
 NTS

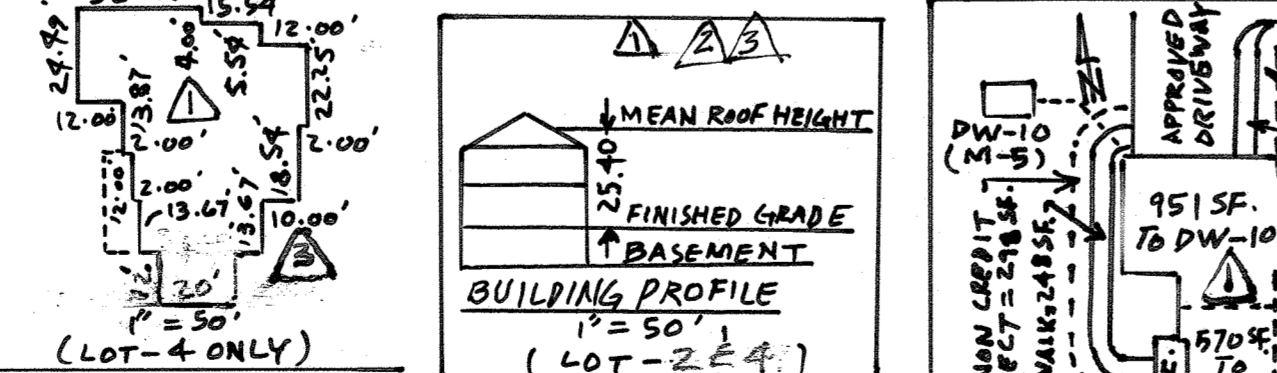


(2)24 IN CULVERT PROFILE
 SCALE: 1"=50' HORIZ., 1"=5' VERT.

PROFESSIONAL CERTIFICATION
 I hereby certify that the red line markings shown herein 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. 11049
 Expires 7/10/2021.
 M. NASH-GOSHAN
 DATE: 11/19/19
 (FOR LOT 4 ONLY)

STORMWATER MANAGEMENT SUMMARY (FOR BUILDING ON LOT-4 ONLY)

LOT SWM PRACTICE	CODE	DA	ESDV COMPUTED	ESDV PROVIDED
4	DW-1	118 S.F.	118 C.F.	118 C.F.
4	DW-2	84 S.F.	84 C.F.	84 C.F.
4	DW-3	84 S.F.	84 C.F.	84 C.F.
4	DW-4	36 S.F.	36 C.F.	36 C.F.
4	DW-5	36 S.F.	36 C.F.	36 C.F.
4	DW-6	36 S.F.	36 C.F.	36 C.F.
4	DW-7	84 S.F.	84 C.F.	84 C.F.
4	DW-8	42 S.F.	42 C.F.	42 C.F.
4	DW-9	84 S.F.	84 C.F.	84 C.F.
4	DW-10	84 S.F.	84 C.F.	84 C.F.
TOTAL		630 S.F.	630 C.F.	630 C.F.



CHECK DAM DETAIL (SW-1)
 NOT TO SCALE

WILLOW BROOKE	DATE:	12/19/17
SW-1 (M-8)	JOB NO:	2714
Total Drain	118181	
Impervious	8200	
Impervious	7%	
Rv	= 0.112	
ESDV	= 1771.9	
# of Check	12.0	

3% Slope - 12" Check Dam and Storage Computations

Swale Slope	0.025 ft
Storage distance:	40,000 ft (12"/0.026)
Swale length:	350 ft
Bottom width:	6
Side Slopes:	3:1
Average Depth:	0.50 ft. or 6.0 inches
Cross Sec. Area:	3.8
ESDV Provided:	150.0 Each Dam
Total ESD Provided:	1800.0 cf

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

1. THE MONITORING WELLS AND STRUCTURES SHALL BE INSPECTED ON A QUARTERLY BASIS AND AFTER EVERY LARGE STORM EVENT.
2. WATER LEVELS AND SEDIMENT BUILD UP IN THE MONITORING WELLS SHALL BE RECORDED OVER A PERIOD OF SEVERAL DAYS TO INSURE TRENCH DRAINAGE.
3. A LOG BOOK SHALL BE MAINTAINED TO DETERMINE THE RATE AT WHICH THE FACILITY DRAINS.
4. WHEN THE FACILITY BECOMES CLOGGED SO THAT IT DOES NOT DRAIN DOWN WITHIN THE 72 HOUR TIME PERIOD, CORRECTIVE ACTION SHALL BE TAKEN.
5. THE MAINTENANCE LOG BOOK SHALL BE AVAILABLE TO HOWARD COUNTY FOR INSPECTION TO INSURE COMPLIANCE WITH OPERATION AND MAINTENANCE CRITERIA.
6. 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.

BENCHMARK ENGINEERING, INC.
 ENGINEERS • LAND SURVEYORS • PLANNERS
 8480 BALTIMORE NATIONAL PIKE • SUITE 315
 ELLICOTT CITY, MARYLAND 21043
 PHONE: 410-465-6105 FAX: 410-465-6644
 www.bei-civilengineering.com

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. 28376, Expiration Date: 01/01/19.

OWNER: PAUL S. DI MARCO
 1751 S. UNDERWOOD ROAD
 SYKESVILLE, MD 21784
 443-668-0100

PROJECT: WILLOW BROOKE LOTS 1-4
 LOCATION: TAX MAP 9 AND 15, GRID 21, PARCEL 328 3rd ELECTION DISTRICT 1751 S. UNDERWOOD RD SYKESVILLE, MD 21784 HOWARD COUNTY, MARYLAND

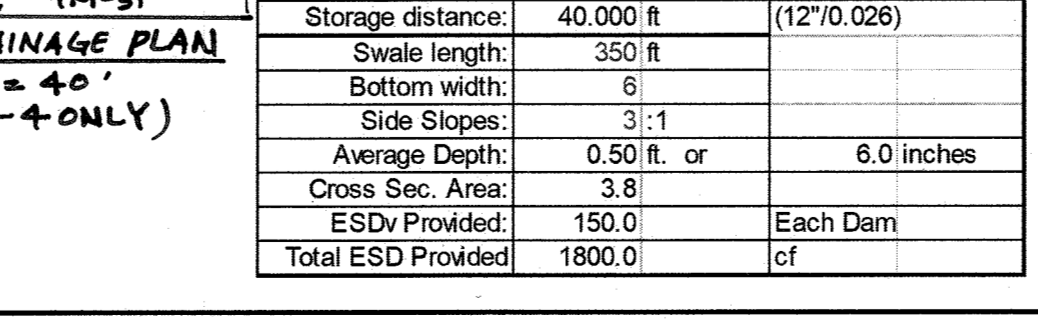
TITLE: SUPPLEMENTAL PLAN GRADING PLAN AND SWM CONCEPT

DATE: OCTOBER 2018 PROJECT NO. 2661
 SCALE: AS SHOWN DRAWING 2 OF 3

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 10-26-18
 10-18-18

SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND PAGE 4

SYMBOL/HYDRIC	HYDROLOGIC GROUP / ALTERNATE GROUP	NAME
BAA*	YES	BALE SILT LOAM, 0 TO 3 PERCENT SLOPES
GBA	B	GLENELO LOAM, 0 TO 3 PERCENT SLOPES
GGB	B	GLENELO LOAM, 3 TO 8 PERCENT SLOPES
GAC	B	GLENELO LOAM, 8 TO 15 PERCENT SLOPES
GAB*	YES	GLENELO SILT LOAM, 0 TO 8 PERCENT SLOPES
MANC*	B	MANOR LOAM, 8 TO 15 PERCENT SLOPES



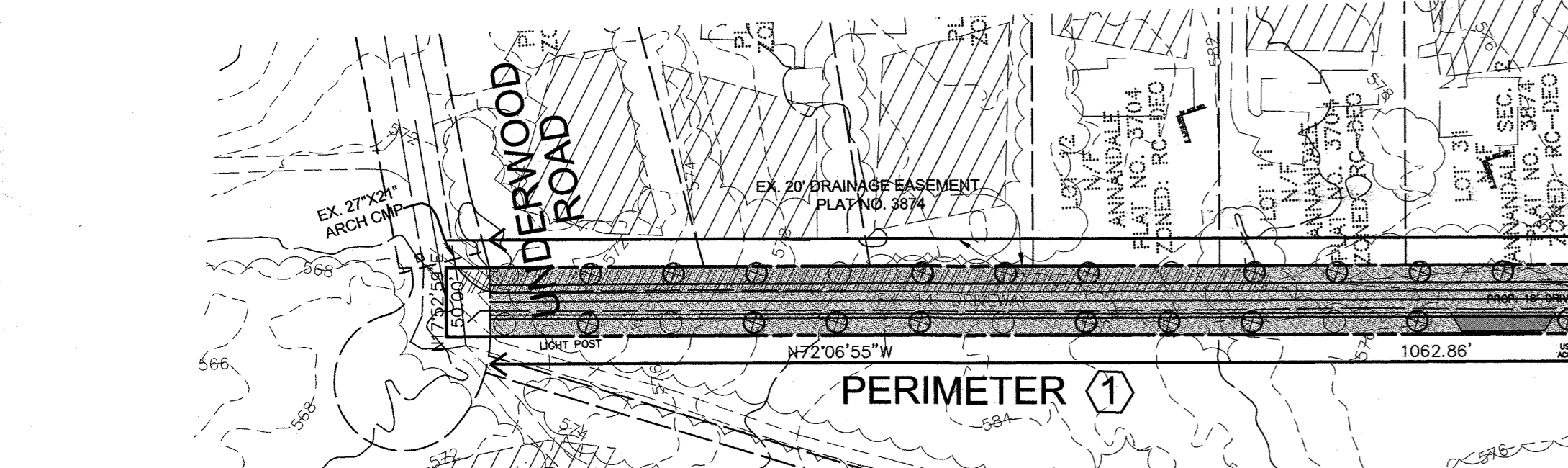
PLANTING NOTES

- 1. Plant Materials
a. All trees shall conform to the sizes indicated.
b. Substitutions in plant species, size, quantities or other materials, shall be made only with written approval by Howard County Planning Dept.
c. Tree planting locations will be laid out after tree clearing activities.

SITE DATA TABULATION (AREA OF DEVELOPMENT)

Table with 2 columns: Item description and Value. Includes: 1. TOTAL AREA OF DEVELOPMENT: 16.3 ± AC.

FOR BEARINGS AND DISTANCES OF FOREST CONSERVATION BOUNDARIES SEE RECORD PLAT



SOILS DATA table with columns: Symbol, Name/Description, K-Factor, Hydrologic Group, Drainage Class, Hydraulic Rating, and Component Wetness.

REVISIONS table with columns: No., Description, and DATE. Includes revisions for updated house type and drainage plans.

FOREST CONSERVATION CALCULATIONS

Table showing calculations for A. Total tract area (16.30), B. Area within 100 year floodplain (1.20), C. Area to remain in agricultural production (0.00), and D. Net tract area (15.10).

SCHEDULE A PERIMETER LANDSCAPE EDGE table with columns for Category, Landscape Type, and Adjacent to Perimeter Property. Includes credits for existing vegetation and plant substitution.

LANDSCAPE PLANTING LIST table with columns: Symbol, Quantity, Name, and Remarks. Lists plants like Acer rubrum, Quercus rubra, and Tilia cordata.

FOREST STANDS

Table listing Forest Stand #1 (Mixed Hardwood), #2 (Boxelder), and #3 (Tulip Poplar) with their respective areas.

TOTAL AREA OF FOREST ONSITE: 224,866 sq.ft. (5.16 acres)

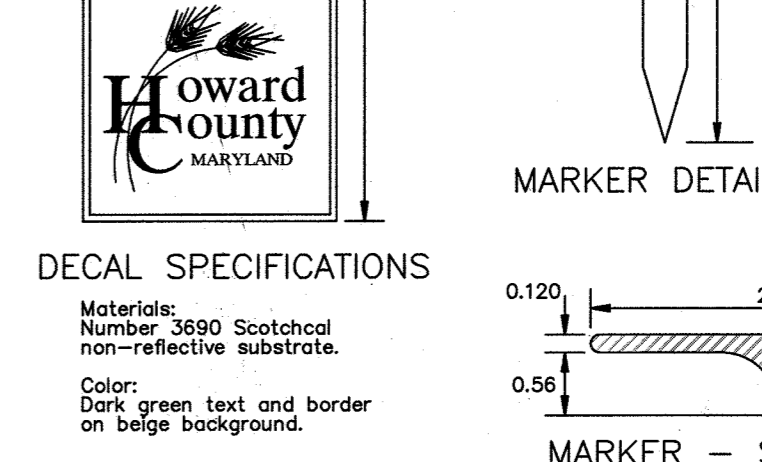
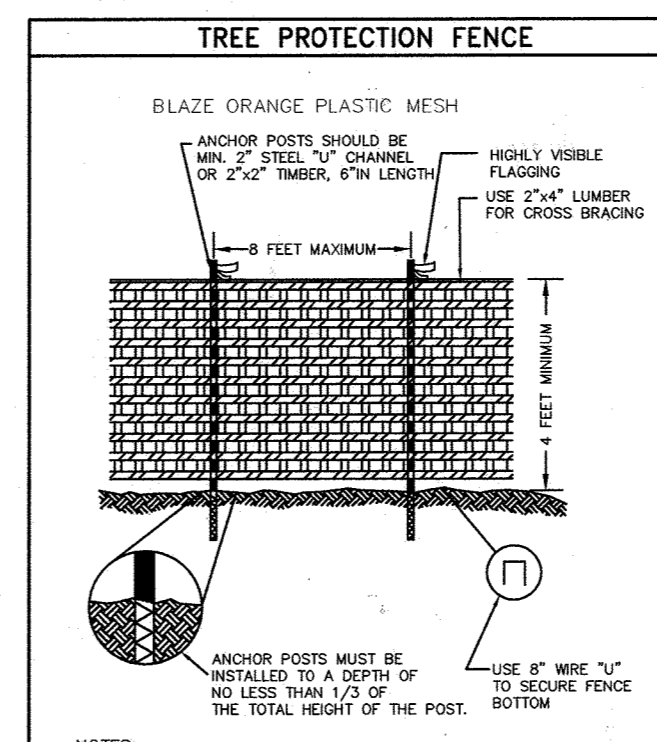
ONSITE STREAM PERENNIAL STREAM 1: 327 l.f. EPHEMERAL CHANNEL 1: 50 l.f.

TOTAL LENGTH OF STREAM ONSITE: 377 l.f.

SITE STATISTICS

TOTAL SITE: 16.32-acres TOTAL FOREST ONSITE: 5.16-acres TOTAL STEEP SLOPES (25% or GREATER) ONSITE: 0.00-acres TOTAL FLOODPLAIN ONSITE: 1.16-acres TOTAL NET TRACT AREA: 15.14-acres

FOREST CONSERVATION EASEMENT CHART table with columns: EASEMENT, AREA, and TYPE. Lists A through E with various acreages and purposes like afforestation or retention.



Planting Schedule

Table for REFORESTATION AREA A (0.96 acres = 336 Plants) listing quantity, common name, botanical name, and size for species like Red Maple, Pin Oak, and Swamp White Oak.

Table for REFORESTATION AREA B (1.33 acres = 466 Plants) listing quantity, common name, botanical name, and size for species like White Oak and Tulip Poplar.

Table for REFORESTATION AREA C (1.71 acres = 599 Plants) listing quantity, common name, botanical name, and size for species like Black Gum and Pin Oak.

- 1. FINANCIAL SURETY FOR THE PLANTING SHALL BE POSTED AS PART OF THIS FINAL PLAN...
2. ANY FOREST CONSERVATION EASEMENT (FCE) AREA SHOWN HEREON IS SUBJECT TO PROTECTIVE COVENANTS...

- 6. TEMPORARY FENCING SHALL BE USED TO PROTECT FOREST RESOURCES DURING ANY CONSTRUCTION...
7. PERMANENT SIGNAGE SHOULD BE PLACED 50'-100' APART ALONG THE BOUNDARIES OF ALL FOREST CONSERVATION EASEMENTS...

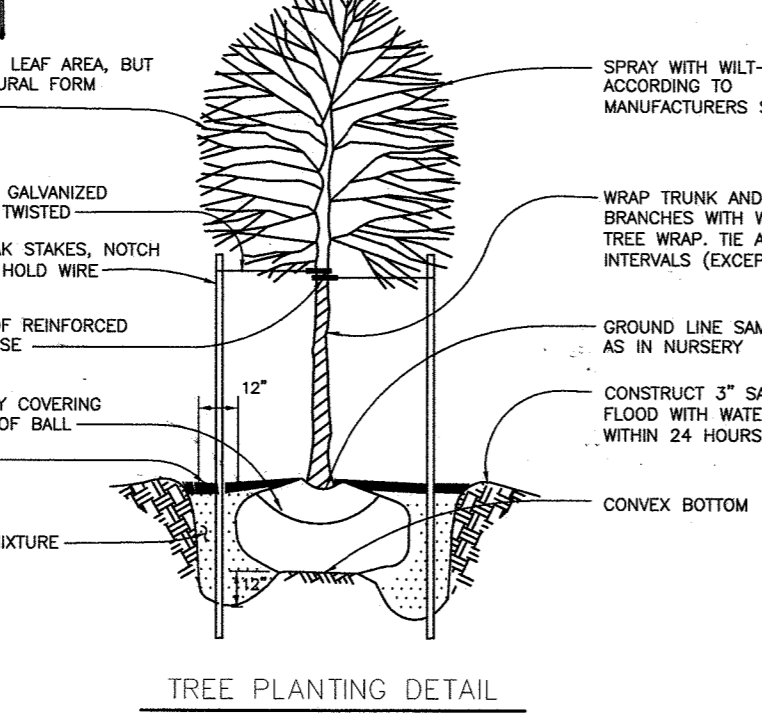
LANDSCAPING NOTES

- 1. PERIMETER LANDSCAPING SHALL BE PROVIDED BY THE PLANTINGS AS SHOWN ON THESE PLANS.
2. TREES MUST BE A MINIMUM OF FOUR (4) FEET FROM PAVEMENT AND MUST BE A MINIMUM OF FIVE (5) FEET FROM ANY STORM DRAIN, IF APPLICABLE.

BENCHMARK ENGINEERING, INC. logo and contact information (8480 BALTIMORE NATIONAL PIKE SUITE 315, ELLICOTT CITY, MARYLAND 21043).

DEVELOPER'S/BUILDER'S CERTIFICATE: I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE...

SPECIMEN TREES table with columns: ID, SPECIES, SIZE, CONDITION, and PROPOSED CONDITION. Lists trees like Quercus velutina, Quercus rubra, Quercus alba, and Tilia cordata.



Professional seal and signature for Matthew T. Wright, a Professional Engineer in Maryland, dated 10/5/18.

APPROVED: DEPARTMENT OF PLANNING AND ZONING. Signature and date of approval (10-26-18).