

**SOIL MAP**

SCALE: 1" = 1,320'

Soil Map Page 33/34

Soil Type: Bc O3  
Bc O2

**21.1. STANDARDS AND SPECIFICATIONS FOR TOPSOIL**

**Definition**  
Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

**Purpose**  
To provide a suitable soil medium for desirable growth. Soils of concern have low moisture content, low nutrient levels, low pH, material that is plastic, and/or unacceptable soil gradation.

**Conditions Where Topsoil Applies**

- This practice is limited to areas having 2:1 or flatter slopes where:
  - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
  - The soil material is so shallow that the rooting zone is not deep enough to support roots of turfing or sodding species.
  - The soil is so acidic that treatment with limestone is not feasible.
- For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization slope at the top of the slope.
- Topsoil shall be used on areas where the subsoil is so acidic that treatment with limestone is not feasible.
- For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization slope at the top of the slope.

**Construction and Material Specifications**

- Topsoil shall be a loam, sandy loam, clay loam, silty loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an approved soil scientist and approved by the appropriate authority. Regardless, topsoil shall not be a mixture of any of the following:
  - subsoil and fill
  - subsoil and topsoil
  - subsoil and topsoil with fertilizer
  - subsoil and topsoil with lime
  - subsoil and topsoil with other amendments
- Topsoil shall be free of pits or plant parts such as stems, roots, twigs, leaves, or other debris.
- Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 1 ton/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Limestone shall be distributed uniformly over designated areas and mixed into the soil in conjunction with tillage operations as described in the above procedures.
- For sites having disturbed areas under 5 acres:
  - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.
- Topsoil Application:
  - When topsoiling, maintain needed erosion and sediment control practices such as diversion, check, silt fence, slope staking, slope silting, and sediment traps.
  - Grades over the areas to be topsoiled, which have been previously established, shall be re-established about 2" higher in elevation.
  - Topsoil shall be uniformly distributed in a 4" - 6" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in a minimum of three passes or seeding can proceed with a minimum of additional soil application and tillage. Low velocity surface water resulting from topsoiling or other operations shall be corrected to prevent the formation of depressions or water pools.
  - Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the topsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seeded preparation.

**TEMPORARY SEEDING NOTES**

**SEEDING PREPARATION:** Loosen upper three inches of soil by ripping, discing, or other acceptable means before seeding. If not previously done, other acceptable means before seeding. If not previously done, other acceptable means before seeding.

**SOIL AMENDMENTS:** Apply 800 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq.ft.).

**SEEDING:** For periods March 1 thru April 30 and August 1 thru November 15, seed with 2 1/2 bushels per acre of annual ryegrass (3.2 lbs./1000 sq.ft.) and 1 bushel per acre of perennial ryegrass (3.2 lbs./1000 sq.ft.) for the period November 1 thru February 28/29. For the period March 1 thru August 31, seed with 3 lbs. per acre of creeping bentgrass (3.0 lbs./1000 sq.ft.) for the period November 1 thru February 28/29. For the period March 1 thru August 31, seed with 3 lbs. per acre of well-drained site by applying 2 tons per acre of well-anchored straw mulch and seed soon as possible in the spring, or use sod.

**MULCHING:** Apply 1 1/2 tons per acre (70 to 80 lbs./1000 sq.ft.) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool at 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8% or higher, use 340 gallons per acre (6 gal/1000 sq.ft.) for anchoring.

**REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.**

**PERMANENT SEEDING NOTES**

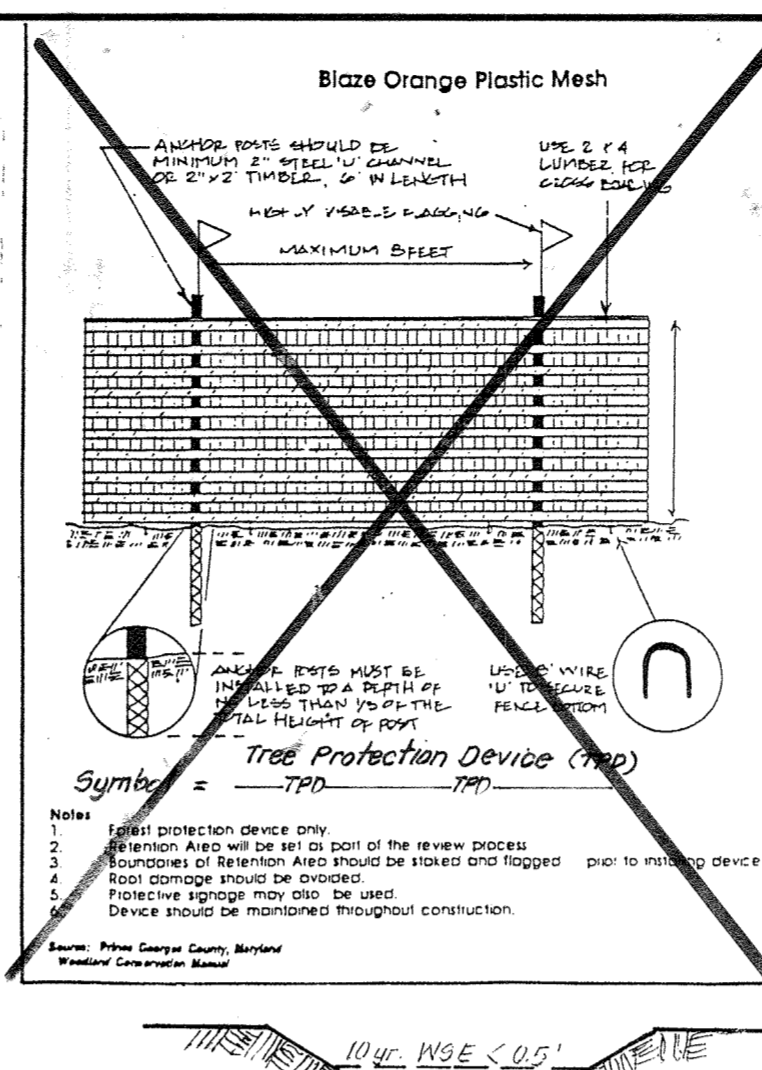
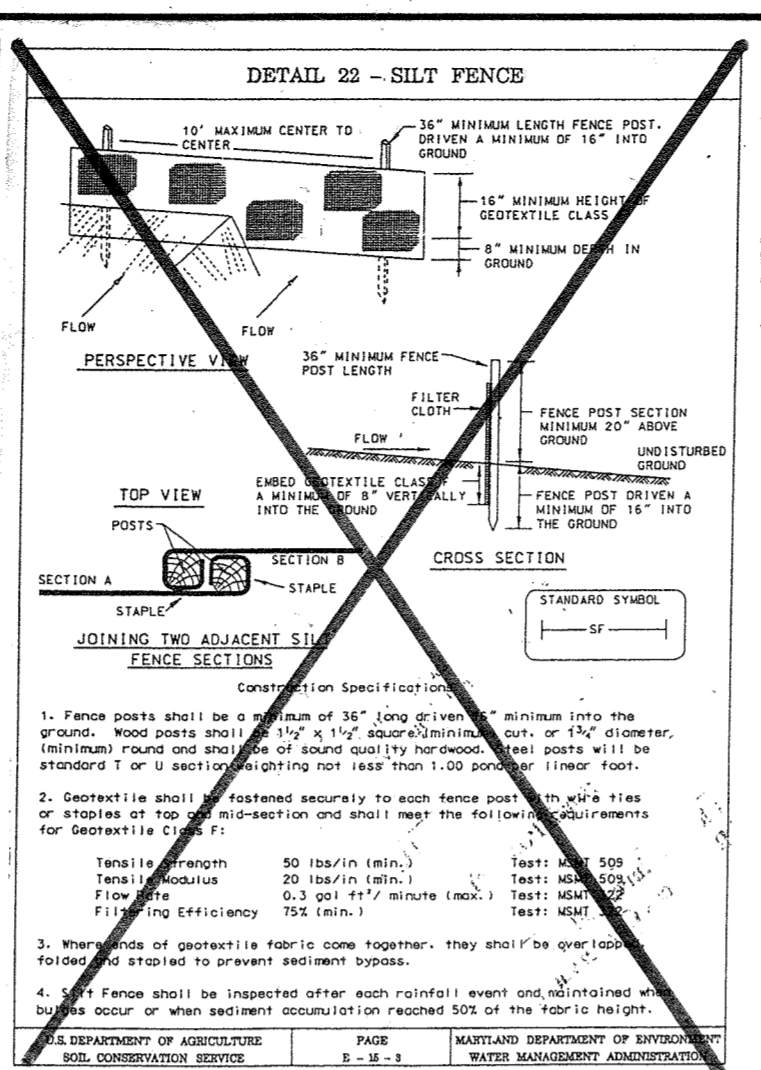
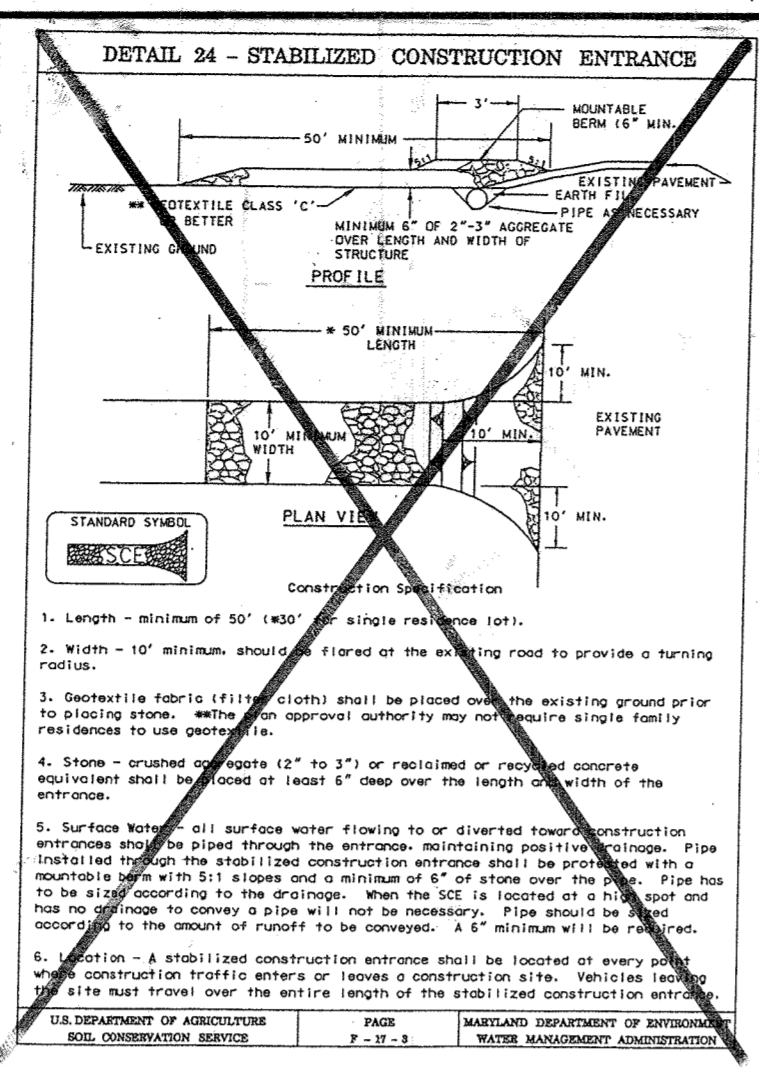
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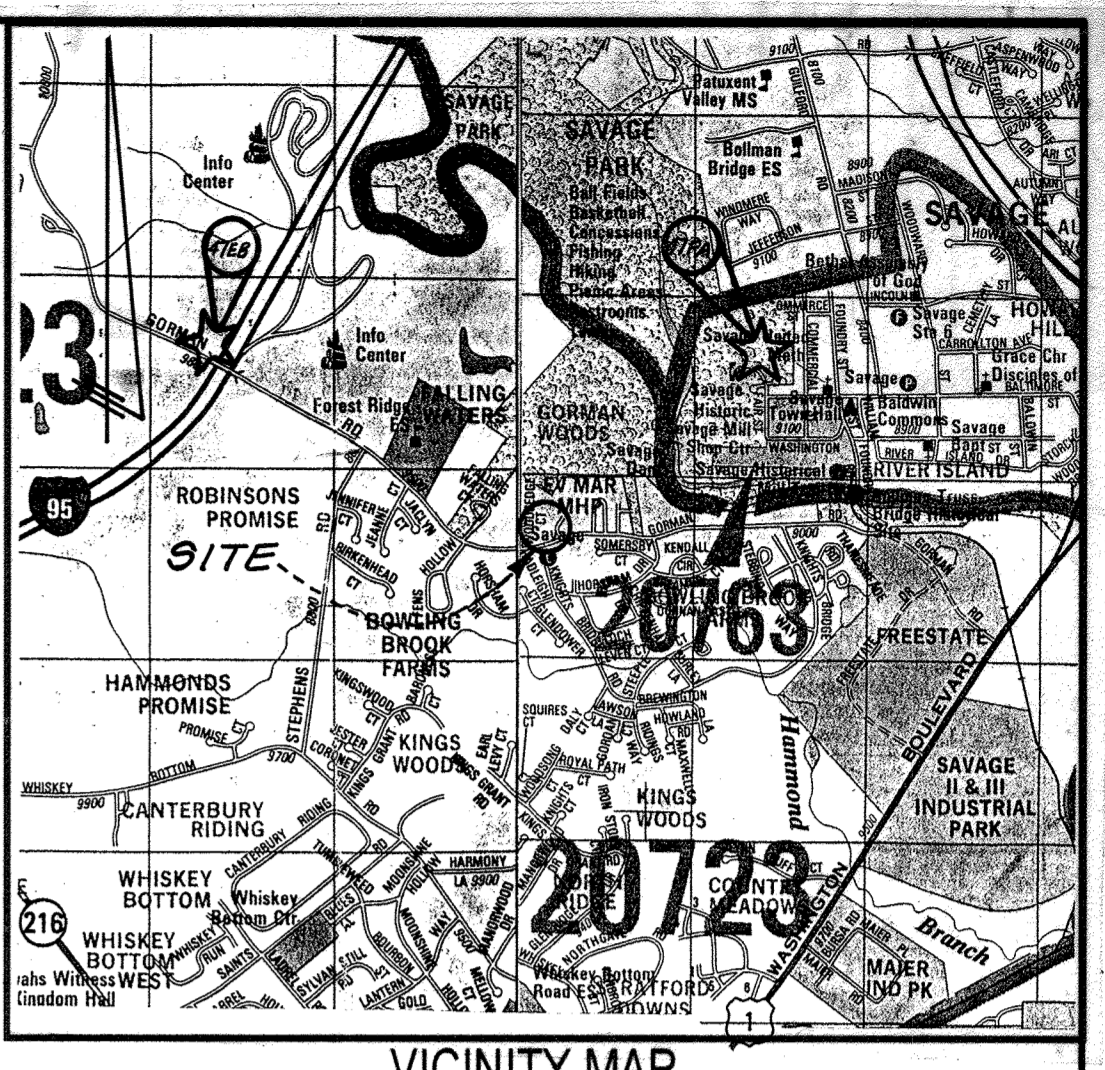
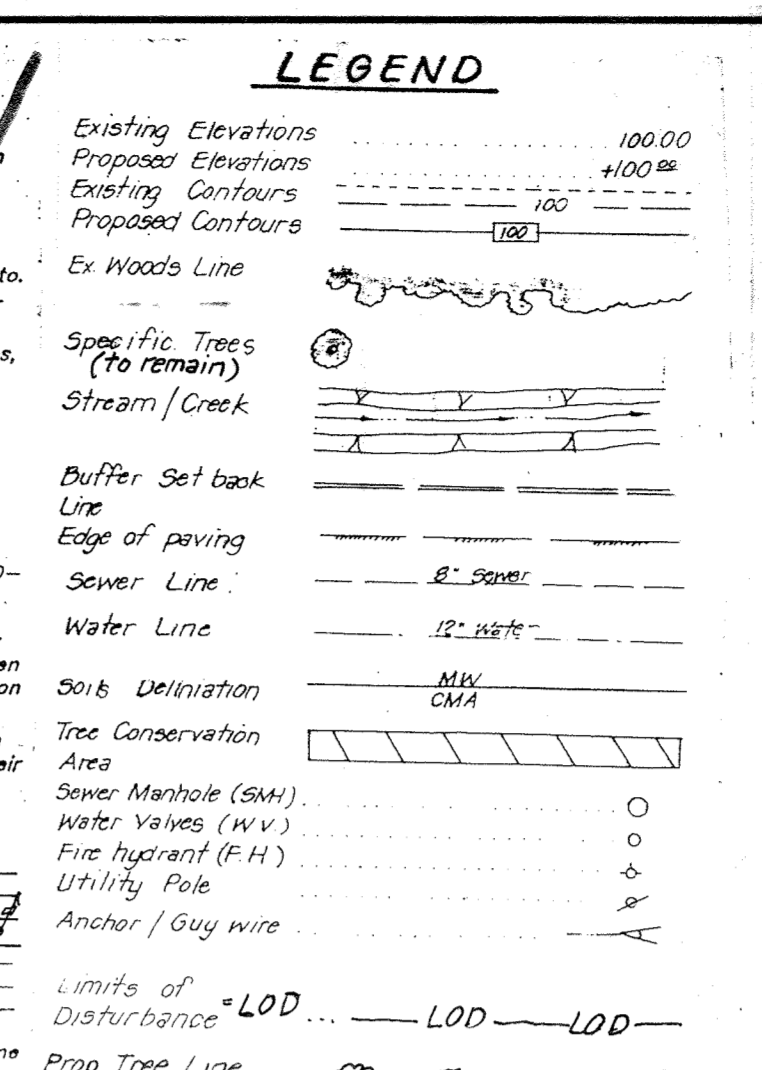
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**SEDIMENT AND EROSION CONTROL NOTES**

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (07-1985).
- All erosion and sediment control practices are to be installed according to the provisions of the plan and are to be maintained in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revised thereto.
- Following initial soil disturbance or disturbance, permanent or temporary stabilization shall be completed within:
  - 7 calendar days for all perimeter sediment control structures, dikes, watermeter slopes and all slopes greater than 3:1.
  - 14 days for all other disturbed or graded areas on the project.
- All sediment traps/basins shown must be tagged and warning signs posted around their perimeters in accordance with Vol. 1, Chapter 7, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above, in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings, soil temporary seeding and mulching (07-1985).
- Temporary stabilization with mulch shall only be done when recommended seeding does not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- SITE ANALYSIS:**
  - Total Area of Site: 66,823 sq. ft. (0.6089 ac)
  - Area Disturbed: 20,422 sq. ft. (0.4672 ac)
  - Area to be graded or paved: 0.12 ac (5,287 sq. ft.)
  - Area to be vegetatively stabilized: 0.34 ac (14,735 sq. ft.)
  - Total Disturbance: 0.81 ac (35,162 sq. ft.)
- Off-site utility easements:
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County DPW Sediment Control Inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be required upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other grading or grading inspection activities may not be authorized until this initial approval by the inspection agency is made.
- Temporary structures for the construction of utilities limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.
- The total amount of silt fence = 524' F.

It is the responsibility of the contractor to identify the soil/borrow site and notify and gain approval from the sediment control inspector of the site and its grading permit number at the time of construction.



**SEE SHEET 3 FOR UPDATED DETAILS & NOTES**

**Lot 2 GRASS SWALE (Zoning R-12) MTS**

**WOODSEDGE COURT (Public)**

**Install an Address Identification Sign for Lots 1, 2, 3 per Howard Co. Standards**

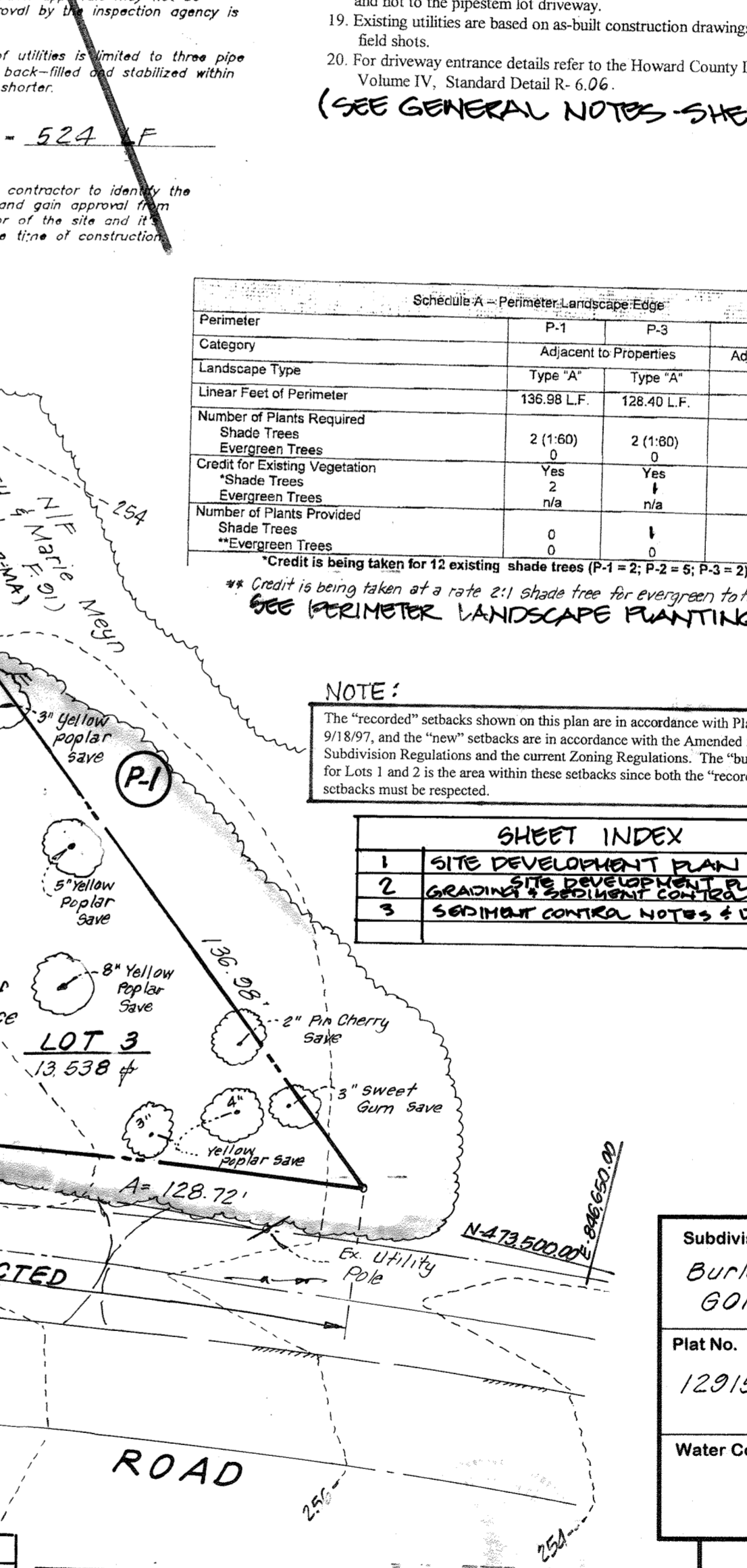
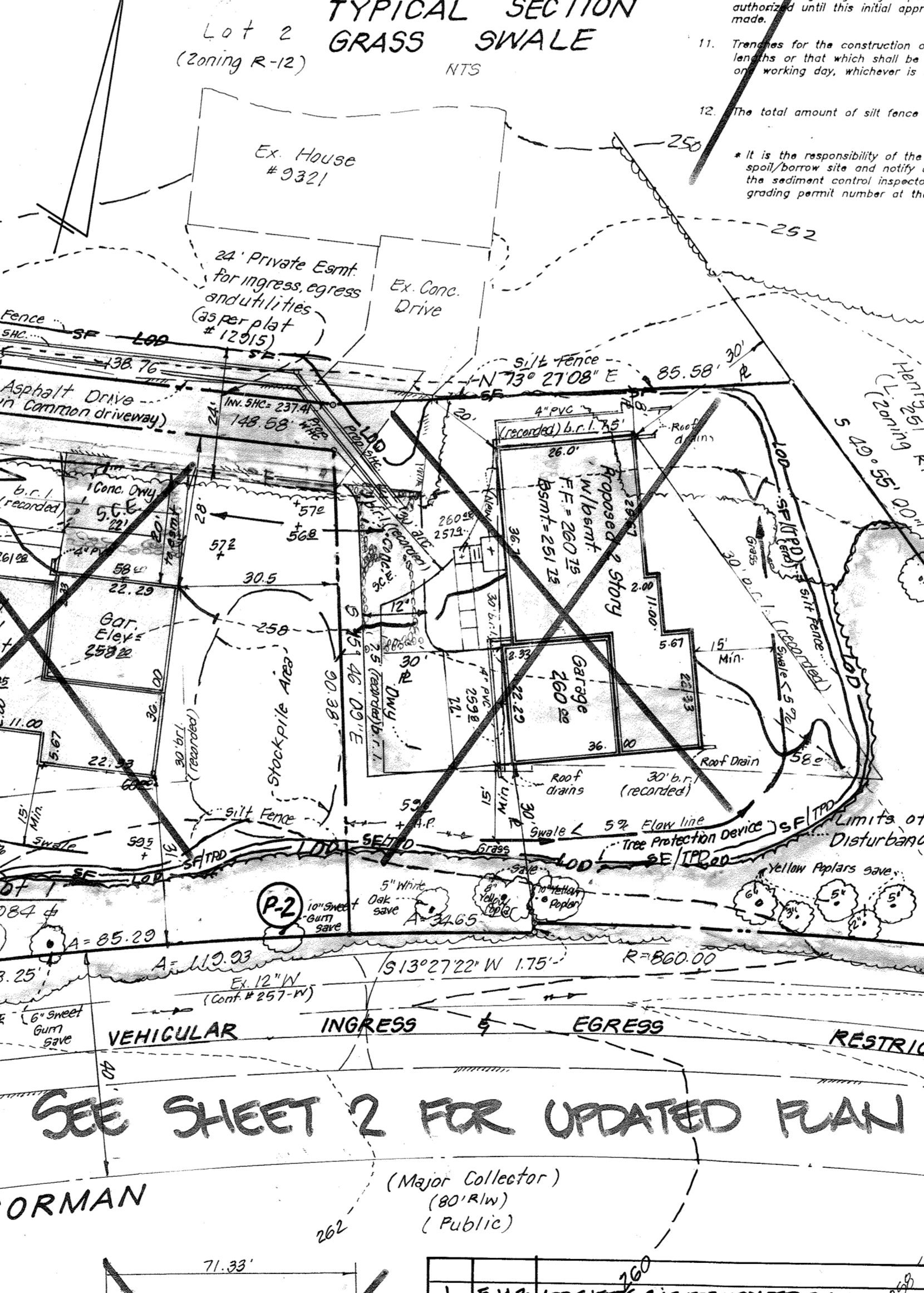
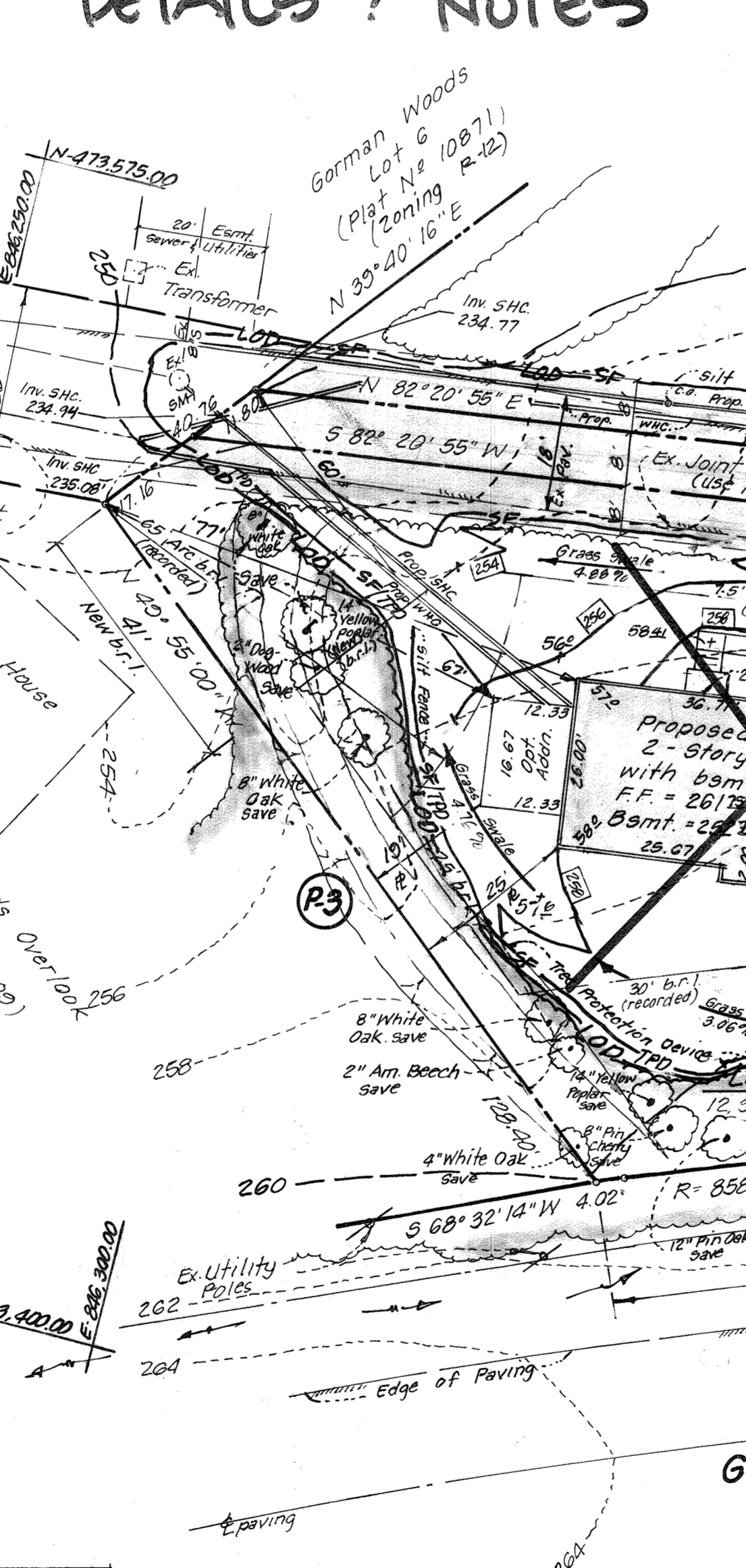
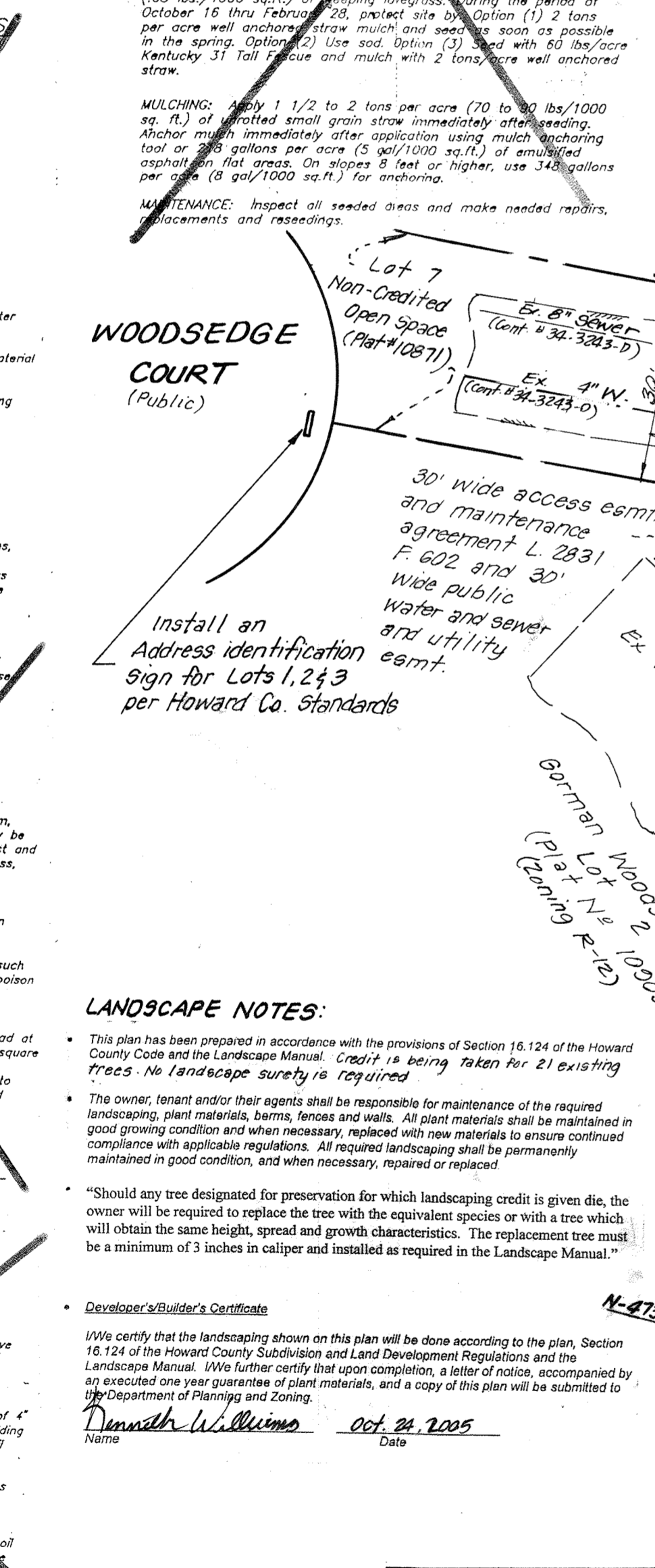
**LANDSCAPE NOTES:**

- This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual. Credit is being taken for 21 existing trees. No landscape survey is required.
- The owner, tenant and/or their agents shall be responsible for maintenance of the required landscaping, plant materials, trees, fences and walls. All plant materials shall be maintained in compliance with applicable regulations. All required landscaping shall be permanently maintained in good condition, and when necessary, repaired or replaced.
- Should any tree designated for preservation for which landscaping credit is given die, the owner will be required to replace the tree with the equivalent species or with a tree which will obtain the same height, spread and growth characteristics. The replacement tree must be a minimum of 3 inches in caliper and installed as required in the Landscape Manual.

**Developer's/Builder's Certificate**

We certify that the landscaping shown on this plan will be done according to the plan, Section 16.124 of the Howard County Subdivision and Land Development Regulations and the Landscape Manual. We further certify that upon completion, a letter of notice, accompanied by an approved one-year guarantee of plant materials, and a copy of this plan will be submitted to the Department of Planning and Zoning.

**Dimasch Williams** Oct 28, 2005  
Name Date



**ADDRESS CHART**

Lot #	Street Address
1	8313 Woodledge Ct.
2	8317 Woodledge Ct.
3	8317 Woodledge Ct.

**Subdivision Name:** Burley's Addition to GORMAN WOODS

**Section/Area:** 1 & 3 (Parcel 86)

**Plat No.:** 12015

**GRID #:** 16

**Zone:** R-12

**Tax Map No.:** 47

**Election Dist.:** 6th

**CENSUS INTRACT:** 6069.02

**Water Code:** C03

**Sewer Code:** 6100000

**SITE DEVELOPMENT PLAN**  
LOT 1 & LOT 3  
BURLEY'S ADDITION TO  
"GORMAN WOODS"  
6th Election District  
Howard County, Maryland

**Scale:** 1" = 20'

**Date:** 8-3-04

**Drawn By:** gog

**Plat No.:** 12015

**Sheet 1 of 3**

**LIBRARY:** SURVEYS, INC. ENGINEERS • LAND PLANNERS

**PERMIT SERVICES:** 350 MAIN STREET, LAUREL, MARYLAND, 20707

**PHONE:** 301-776-0561 FAX 301-776-0842

**Job No.:** 03-71

**Drawing No.:** L-186

**APPROVED: DEPARTMENT OF PLANNING AND ZONING**

**Chief, Development Engineering Division:** [Signature] 8/17/06

**Chief, Division of Land Development:** [Signature] 8/17/06

**Director:** [Signature] 8/17/06

**Reviewed for "Howard" S.C.D. and meets Technical Requirements:**

**Signature:** [Signature] 8/17/06

**Date:** 8/17/06

**U.S. Resource Conservation Service**

**Signature:** [Signature] 8/17/06

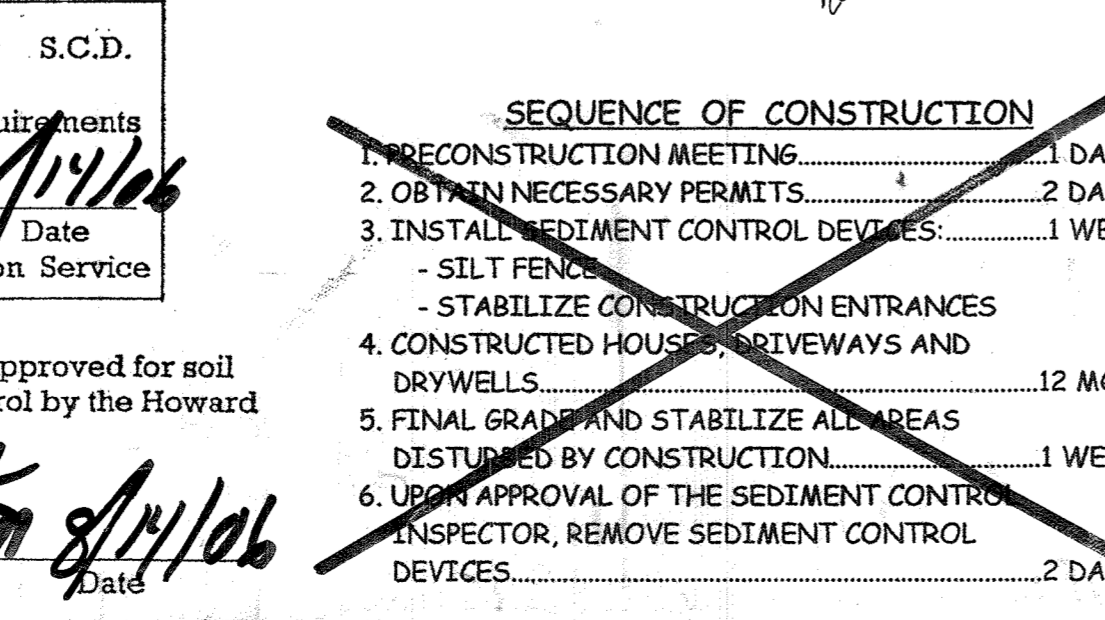
**Date:** 8/17/06

**This Development Plan is approved for soil erosion and sediment control by the Howard Soil Conservation District**

**Signature:** [Signature] 8/17/06

**Date:** 8/17/06

**Approved:** [Signature] 8/17/06



**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for Sediment and Erosion Control represents a practical and reasonable plan based on my professional knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

**Signature:** [Signature] 8-2-04

**Date:** 8-2-04

**Owner/Developer:** Kenneth Williams, Kenneth Williams, 8865 Cemetery Lane, Savage, Md. 20763, 301-408-8941, 40 Kenneth Williams

**Comments:** Rev. 10/24/05 Ho Co. Comments, Rev. 5-17-06 Rotate Hse Lot 3 as per U.D.P. Add Note # 11

**Developer's/Builder's Certificate**

I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

**Signature:** [Signature] Sept. 23, 2003

**Date:** Sept. 23, 2003

**TOTAL AREA DISTURBED = 0.43 ac. ±**

**VEHICULAR INGRESS & EGRESS RESTRICTED**

**WOODSEDGE COURT (Public)**

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**Dimasch Williams** Oct 28, 2005  
Name Date

SOILS CHART - SOIL SURVEY HOWARD COUNTY, MARYLAND			
Ru/C	**	C	RUSSETT AND BELTSVILLE SOIL, 5 TO 10 PERCENT SLOPES
Uc/B	D	B/C	URBAN LAND- CHILLUM-BELTSVILLE COMPLEX 0 TO 5 PERCENT SLOPES
			0.43

HOWARD COUNTY SOIL INDEX PAGE 19.  
 \* INCLUDES HYDROIC SOILS  
 \*\* HIGHLY ERODIBLE K<0.35, AND/OR SOILS 15% OR GREATER

**PROJECT BACKGROUND INFORMATION**

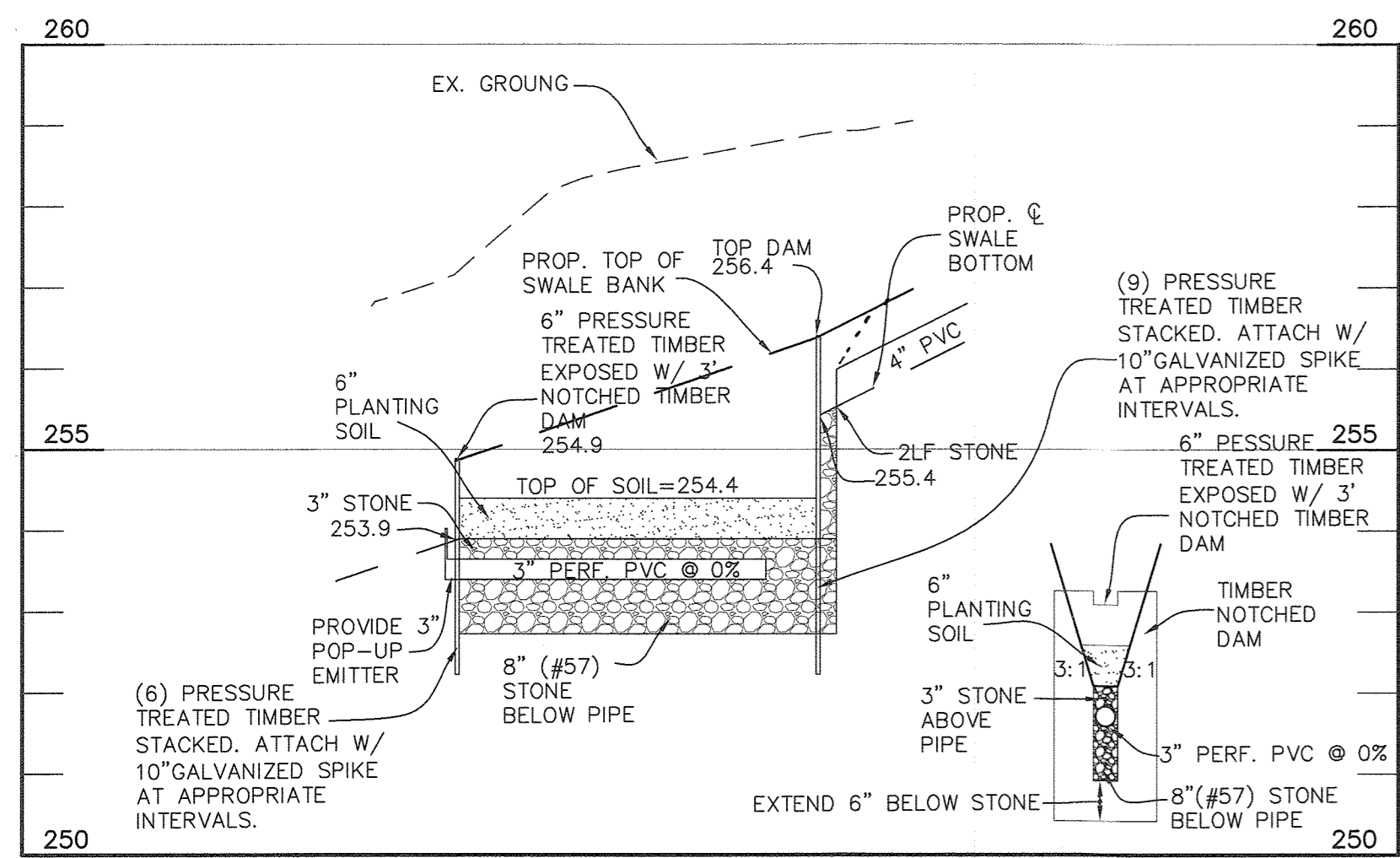
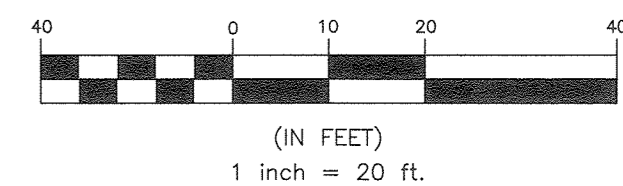
PRESENT ZONING: R-12  
 LOCATION: TAX MAP 47 - GRID 16 - PARCEL 86  
 APPLICABLE DPZ FILE REFERENCES: F-97-093, WP-97-084, SDP-06-013,  
 WP-19-016, WP-20-089  
 PLAT REFERENCES: 12915  
 DEED REFERENCES: L 3905 / F. 0388,  
 PROPOSED USE OF SITE: SINGLE FAMILY DETACHED  
 PROPOSED WATER AND SEWER SYSTEMS: PUBLIC WATER & SEWER

**SITE DATA TABULATION**

1) TOTAL PROJECT AREA	0.61 AC.
2) AREA OF 100-YR. FLOODPLAIN	0.00 AC.
3) AREA OF STEEP SLOPES	0.00 AC.
MODERATE STEEP SLOPES: 15-25.0%	0.00 AC.
STEEP SLOPES: 25% OR GREATER	0.00 AC.
4) AREA OF EXISTING FOREST	0.45 AC.
5) AREA OF ERODIBLE SOILS	0.00 AC.
6) AREA OF WETLANDS (INCLUDING BUFFER)	0.00 AC.
7) AREA OF STREAM BUFFER (OUTSIDE WETLANDS & BUFFER)	0.00 AC.
8) NET AREA OF LOT	0.61 AC.±
9) APPROXIMATE LIMIT OF DISTURBANCE	0.43 AC.±
10) PRESENT ZONING DESIGNATION	R-12
11) PROPOSED USES FOR THE SITE & STRUCTURES	RESIDENTIAL-SFD
12) NUMBER OF PARKING SPACES REQUIRED	5(2.5/DWELLING)
13) NUMBER OF PARKING SPACES PROVIDED	6(TWO IN GARAGE ONE IN DRIVEWAY)
14) TOTAL IMPERVIOUS AREA	0.11 AC.±
15) LOT AREA COVERAGE	13%

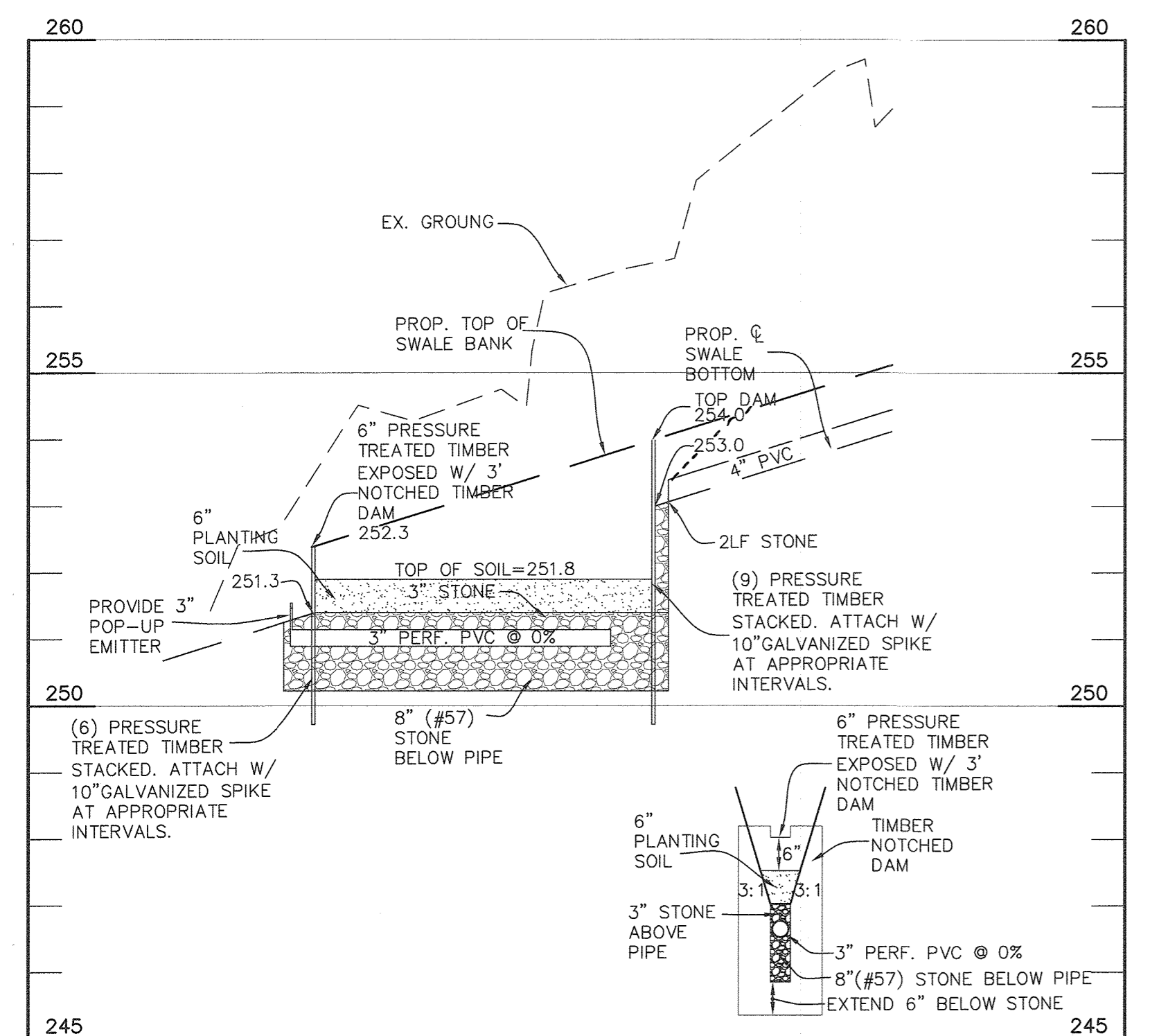
**LEGEND**

EXISTING CONTOURS	
PROPOSED CONTOURS	
EXISTING TREELINE	
PROPOSED TREELINE	
EXISTING STRUCTURE	
PROPOSED HOUSE	
RAIN GARDEN	
RAIN BARRELS	
SOILS DELINEATION	
SOILS BOUNDARY	
EXISTING FENCE	
LIMIT OF DISTURBANCE	
SUPER SILT FENCE	
EROSION CONTROL MATTING	
STABILIZED CONSTRUCTION ENTRANCE	
ESD DRAINAGE AREA	
ROOF DRAIN	
LANDSCAPE PERIMETER	
EXISTING TREE TO REMAIN	
PROP. PERIMETER TREES	
PROP. RAIN BARRELS	



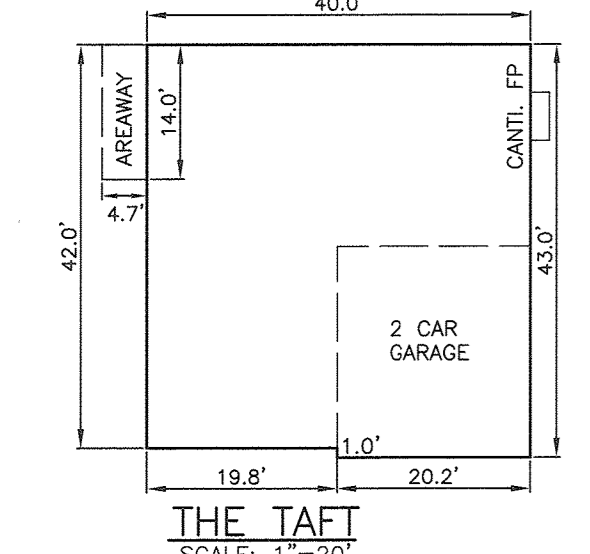
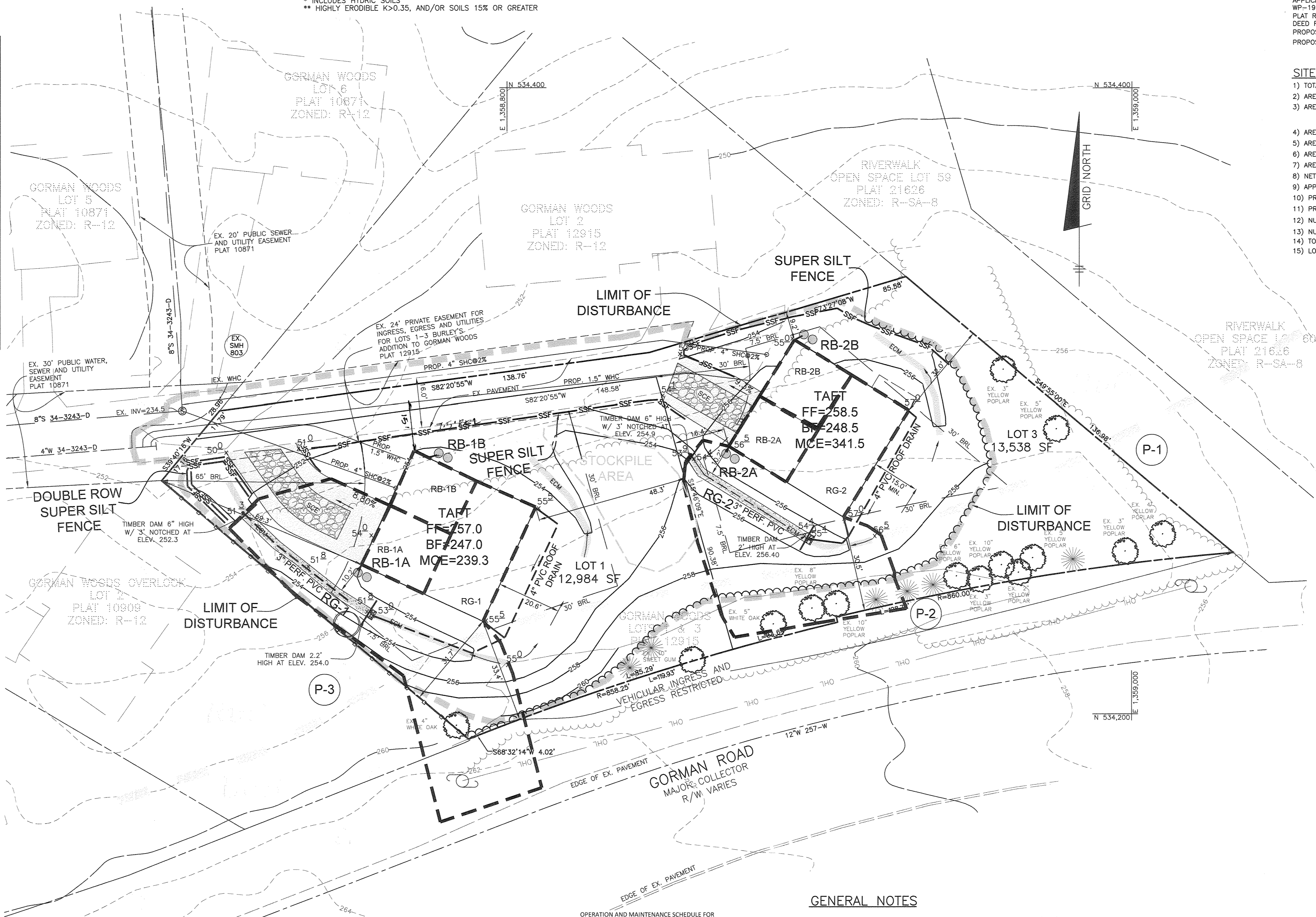
**RG-2 PROFILE**

SCALE: HORT. 1"=20'  
 VERT. 1"=2'



**RG-1 PROFILE**

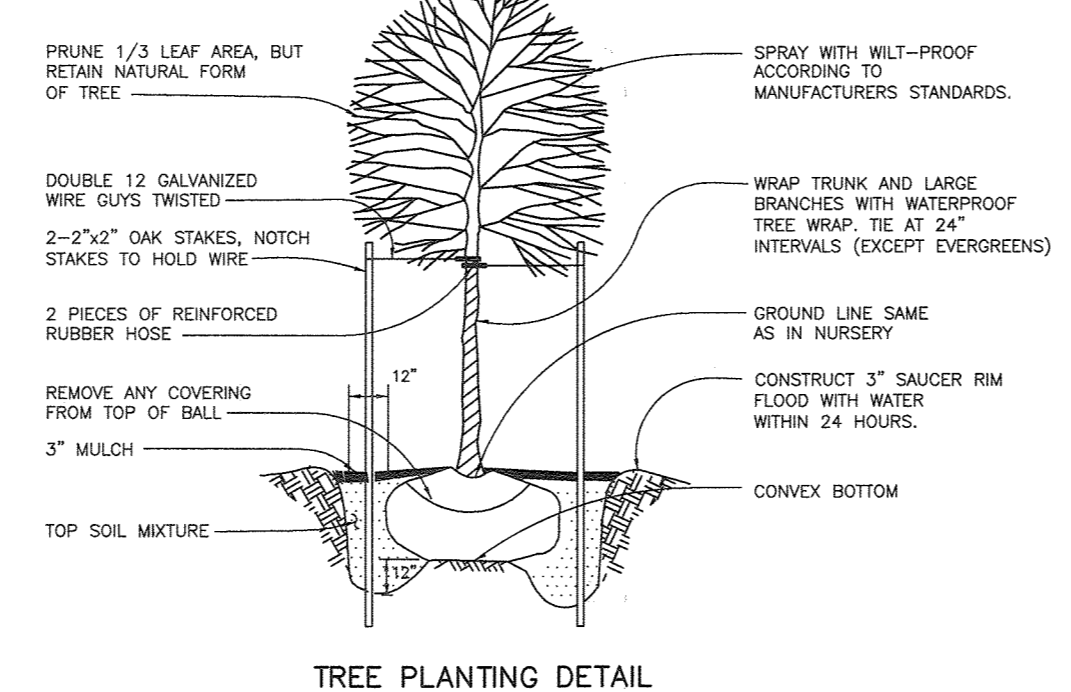
SCALE: HORT. 1"=20'  
 VERT. 1"=2'



**TYPICAL ELEVATION**

SCALE: 1"=20'

PERIMETER LANDSCAPING			
SYMBOL	QUANTITY	NAME	REMARKS
	1	QUERCUS RUBRA NORTHERN RED OAK	2 1/2"-3" CAL
	6	PINUS STROBUS 'WHITE PINE'	6' - 8" HT



**TREE PLANTING DETAIL**

NOT TO SCALE

- Empty barrels on a monthly basis and clean barrel with a hose.
- Verify integrity of leaf screens, gutters, downspouts, spigots, and mosquito screens. Clean and remove any debris.
- Damaged components shall be replaced as needed.
- To avoid freezing, barrel should be either disconnected or allowed to drain by bottom spigot during the winter season.

**RAINBARRELS TO BE BUSHMAN 205 GALLON EACH (35" DIA. X60" HT.) OR EQUAL**

- Annual maintenance of plant material, mulch layer and soil layer is required. 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.
- Schedule of plant inspection will be twice a year in spring and fall. This inspection will include removal of dead and diseased vegetation considered beyond treatment, treatment of all diseased trees and shrubs and replacement of all deficient stakes and wires.
- Mulch shall be inspected each spring. Remove previous mulch layer before applying new layer once every 2 to 3 years.
- Soil erosion to be addressed on an as needed basis, with a minimum of once per month and after heavy storm events.

**GENERAL NOTES**

- THE SUBJECT PROPERTY IS ZONED R-12 PER THE 10/06/13 COMPREHENSIVE ZONING PLAN.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
- 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.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK BEING DONE.
- ALL EXISTING TOPOGRAPHY IS BASED ON FIELD RUN SURVEY BY BENCHMARK ENGINEERING DATED NOVEMBER 2019.
- THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENTS 43CA AND 43CC WERE USED FOR THIS PROJECT.
- STORMWATER MANAGEMENT FOR THIS DEVELOPMENT WILL BE PROVIDED BY ESD PRACTICES TO INCLUDE FOUR (4) RAIN BARRELS (M-1) AND ONE (1) RAIN GARDEN (M-7) PER HOUSE. THE FACILITIES WILL BE PRIVATELY OWNED AND MAINTAINED.
- EXISTING UTILITIES LOCATIONS ARE BASED ON HOWARD COUNTY GIS.
- THERE IS NO FLOODPLAIN LOCATED ON THE PROPERTY.
- THERE ARE NO WETLANDS LOCATED ON THE PROPERTY BASED ON A FIELD ANALYSIS PERFORMED BY WRIGHT ENVIRONMENTAL DATED JANUARY 2020.
- A FOREST STAND DELINEATION FIELD STUDY WAS PERFORMED BY WRIGHT ENVIRONMENTAL DATED JANUARY 2020. FOREST CONSERVATION FOR THIS SUBDIVISION WAS SATISFIED WITH THE FINAL PLAT F-97-093 BY PAYMENT OF A FEE-IN-LIEU.
- A GEOTECH STUDY WAS PERFORMED BY GEO-LAB DATED SEPTEMBER 2019 AND NOVEMBER 2019 TO DETERMINE THAT THERE WAS NO ROCK OR WATER IN THE AREA OF TESTING.
- THIS PLAN IS BEING PREPARED TO SUPPORT THE REACTIVATION OF SDP-06-013 BASED ON A MEETING WITH PLANNING AND ZONING DATED AUGUST 2019.
- ALTERNATIVE COMPLIANCE WP-20-089 WAS APPROVED APRIL 15, 2020 TO WAIVE SECTIONS 16.156(a)(1)(i), 16.156(a)(1)(ii) and 16.156(a)(2) SUBJECT TO THE FOLLOWING:
  - THE PETITIONER MUST APPLY WITH THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS FOR ALL BUILDING PERMITS ON THE SITE DEVELOPMENT PLAN WITHIN 1 YEAR FROM THE APPROVAL OF THIS ALTERNATIVE COMPLIANCE PETITION (ON OR BEFORE MAY 8, 2021).
  - A REDLINE REVISION TO SDP-06-013 MUST BE SUBMITTED TO THIS DEPARTMENT FOR SRC REVIEW AND COMMENTS.
  - COMPLIANCE WITH THE DEVELOPMENT ENGINEERING DIVISION COMMENTS OF THIS ALTERNATIVE COMPLIANCE PETITION DATED MARCH 23, 2020.
- THERE ARE NO STREAMS OR STREAM BUFFERS ON THIS PROPERTY AS CERTIFIED BY WRIGHT ENVIRONMENTAL DATED JANUARY 2020.
- ON FEBRUARY 14, 2020, A SITE INSPECTION WAS PERFORMED BY DPZ STAFF TO VERIFY SITE ENVIRONMENTAL CONDITIONS AS PART OF THE SIMPLIFIED ECP REVIEW. THERE WERE NO WETLAND, STREAMS NOR SPECIMEN TREES DETECTED ON THE SITE.
- A SIMPLIFIED ECP WAS APPROVED BY THE DEVELOPMENT ENGINEERING DIVISION ON FEBRUARY 20, 2020.
- SURETY FOR THE 1 SHADE TREE AND 6 EVERGREEN TREES IN THE AMOUNT OF \$1,200.00 WILL BE PROVIDED AT GRADING PERMIT.

THIS SHEET IS TO BE ADDED TO SDP-06-013 FOR THE CONSTRUCTION OF THE HOUSES ON LOTS 1 AND 3

NO.	DATE	REVISION
1	5.14.20	REVISE HOUSE MODEL AND GRADING LOTS 1 & 3

**BENCHMARK ENGINEERS & LAND SURVEYORS & PLANNERS**  
**ENGINEERING, INC.**  
 8480 BALTIMORE NATIONAL PIKE A SUITE 315 A BELLCOTT CITY, MARYLAND 21043  
 (P) 410-465-4109 (F) 410-465-8544  
 WWW.BEC-ONLINEENGINEERING.COM

OWNER:	KENROCK CONTRACTING INC. 8889 CEMETERY LANE SAVAGE, MD 20763	<b>BURLEY'S ADDITION TO GORMAN WOODS</b> LOTS 1 AND 3 TAX MAP: 47 GRID: 16 PARCEL: 86 ZONED: R-12 ELECTION DISTRICT NO. 6 HOWARD COUNTY, MARYLAND	
DEVELOPER:	AMERI-STAR HOMES, INC. 7411 RICHIE HIGHWAY GLEN BURNIE, MD 21061 410-590-1000		
DESIGN:	JCO	DRAFT:	JCO
DATE:	MAY 2020	BEI PROJECT NO.:	2920
SCALE:	AS SHOWN	SHEET:	2 OF 3

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 CHIEF, DIVISION OF LAND DEVELOPMENT  
 DATE: 6/3/2020  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 DATE: 6-9-2020  
 DIRECTOR

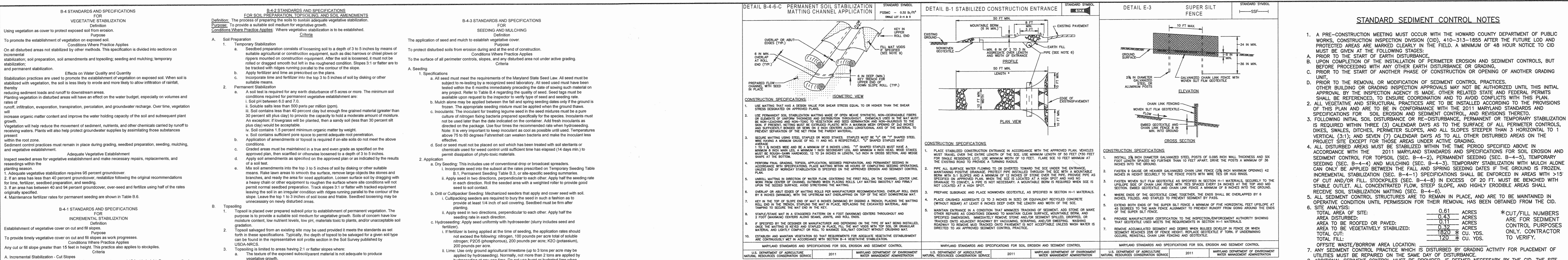
**ENGINEER'S CERTIFICATE**  
 I HEREBY CERTIFY THAT THIS PLAN FOR SEDIMENT AND EROSION CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
 ENGINEER: Cl. Melgare  
 DATE: 5-15-20

**DEVELOPER'S CERTIFICATE**  
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT FOR SEDIMENT AND EROSION CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 DEVELOPER: [Signature]  
 DATE: 5-19-20

REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS  
 DATE: 5/19/20

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 DATE: 5/19/20

FACILITY	D.A.	MDE Type	Inches		Qe	At (SF)		Required		ESDv (CF)		Rev		Ownership
			Total DA	Impervious Area		Required	Provided	Provided	Pe(Provided)	Required	Provided			
RG-1	LOT 1	M-7	4,825	1,726	0.45	386	153	PASS	0.50	179	77	0.5		
RB-1A	LOT 1	M-1	254	254	1.14	NA	NA	NA	410	24	55	2.7		
RB-1B	LOT 1	M-1	427	427	1.14	NA	NA	NA	410	41	55	1.6		
RG-2	LOT 3	M-7	3,589	860	0.32	431	133	PASS	0.50	95	67	0.8		
RB-2A	LOT 3	M-1	430	430	1.14	NA	NA	NA	410	41	55	1.6		
RB-2B	LOT 3	M-1	430	430	1.14	NA	NA	NA	410	41	55	1.6		
<b>TOTAL TREATED</b>			<b>9,955</b>	<b>4,127</b>		<b>817</b>	<b>286</b>			<b>421</b>	<b>362</b>	<b>1.0</b>		
<b>SITE TOTAL</b>			<b>9,955</b>	<b>4,127</b>										



SECTION	MARKING	DATE	REVISION
1	1	5/15/20	REVISED HOUSE MODEL AND GRADING LOTS 1 & 3
2	2	5/19/20	REVISED HOUSE MODEL AND GRADING LOTS 1 & 3
3	3	5/20/20	REVISED HOUSE MODEL AND GRADING LOTS 1 & 3

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