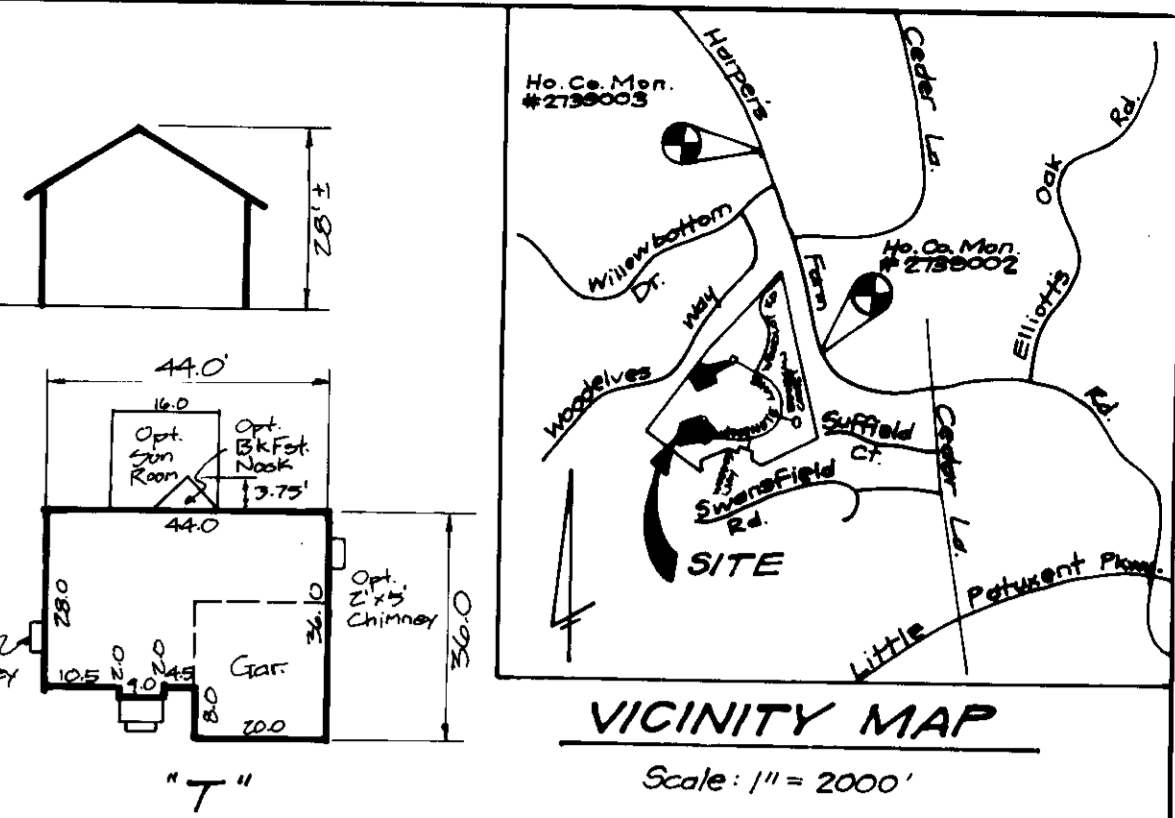


ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
60	5377 Woodnote Lane
61	5381
68	5316
69	5312

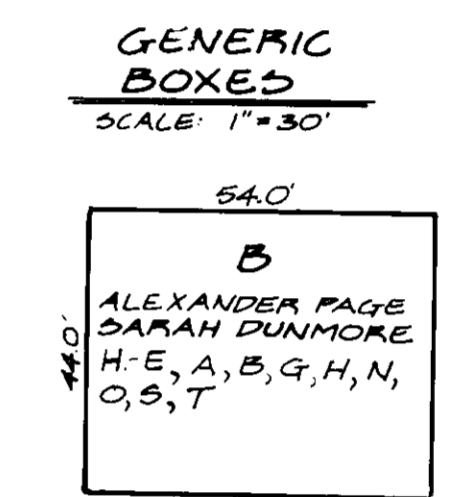
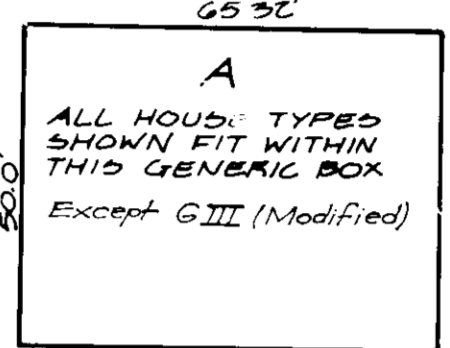
LEGEND

- Contour Interval: 2 Ft
- Existing Contour: ---
- Proposed Contour: - - -
- Spot Elevation: + 20'
- Direction of Drainage: →
- Existing Trees to be Saved: (Tree symbol)
- Tree Protection Fence: (Dashed line)
- Walk-out Basement: (W.O.B.)



GENERAL NOTES:

- Subject property is zoned: R-SC and R-12 per October 18, 1993 Comprehensive Zoning Plan.
- The total area included in this submission is: 53,920 sq. ft. or 1.23 Ac.
- The total number of lots included in this submission are: 4
- Improvement to property: Single family detached
- Department of Planning and Zoning reference file numbers are: SP-93-13, WP-95-98, Z-93-34, PB-287, F-93-125
- Utilities shown as existing are taken from approved water and sewer plan Contract #34-3279-D, approved road construction plans F-93-125, and actual field survey.
- Any damage to county owned rights-of-way shall be corrected at the developer's expense.
- Storm water management is provided per: F-93-125
- All roadways are public and existing.
- The existing topography shown was taken from road construction plans F-93-125 prepared by Riener, Muegge & Assoc., Inc.
- The coordinates shown herein are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monument Nos.: 2739003 and 2739002
- The contractor shall notify the Department of Public Works/ Bureau of Construction Inspection at 4101 313-1870 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.
- For driveway entrance details refer to Howard County Design Manual Volume IX, Std. Details: R-601
- No clearing, grading or construction is permitted within wetlands and stream buffers or forest conservation areas.
- The owner/builder shall be advised that all porch/deck structures located within the front/rear building setback shall be in accordance with Section 15B of the Zoning Regulations. Indicate as a notation on the plan that Section 15B of the Zoning Regulations shall allow porches or decks, open or enclosed, not to project more than 10 feet into the required front or rear yard building restriction lines.
- In accordance with the Decision and Order for Z-93-34, a 20 foot undisturbed area must be maintained on lots 60 & 61 between the rear building restriction lines and the rear property lines.



MINIMUM LOT SIZE CHART						
LOT NO.	GRID AREA	PIPERSTEM AREA	REMAINING AREA	100-YEAR FLOODPLAIN	5% SLOPED	MINIMUM LOT SIZE
60	14,609 #	1,777 #	12,832 #	0	525 #	12,307 #
61	12,124 #	614 #	11,510 #	0	1,325 #	10,185 #
68	12,069 #	765 #	11,304 #	0	0	11,304 #
69	15,118 #	2,224 #	12,894 #	0	275 #	11,619 #

SPECIAL NOTES:

This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-93-125 and/or approved Water and Sewer Plans Contract #34-3279-WS.

SHEET INDEX

Site Development Plan	Sheet 1
Sediment and Erosion Control Plan	Sheets 2-3
Landscape Planting Plan	Sheet 4

OWNER/DEVELOPER
 WOODLOT ENTERPRISES, INC.
 46 Thomas Scribner
 5026 Dorsey Hall Drive
 Suite 204
 Columbia, Maryland 21042

SUBDIVISION NAME		SECTION/AREA	LOTS/PARCELS
WOODLOT		1	60, 61, 68 and 69
PLAT NO.	BLOCK NO.	ZONE	TAX MAP NO.
1126-1124	22	R-SC R-12	29
ELECTION DIST.		CONGRESSIONAL DIST.	
5TH		6055	
WATER CODE		SEWER CODE	
11-03		5587300	

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINISTREL WAY • COLUMBIA, MD. 21045 • (301) 381-7500 - BALTO. • (301) 621-8100 - WASH.

DESIGNED	JLS	SITE DEVELOPMENT PLAN LOTS 60, 61, 68 and 69 WOODLOT SECTION I 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: WILLIAMSBURG BUILDERS, INC. P.O. Box 1018 Columbia, Md. 21044	SCALE	1" = 30'
DRAWN	BAL		DRAWING	1 OF 4
CHECKED	JLS		JOB NO.	93-196
DATE	12-2-93		FILE NO.	93-196 X

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

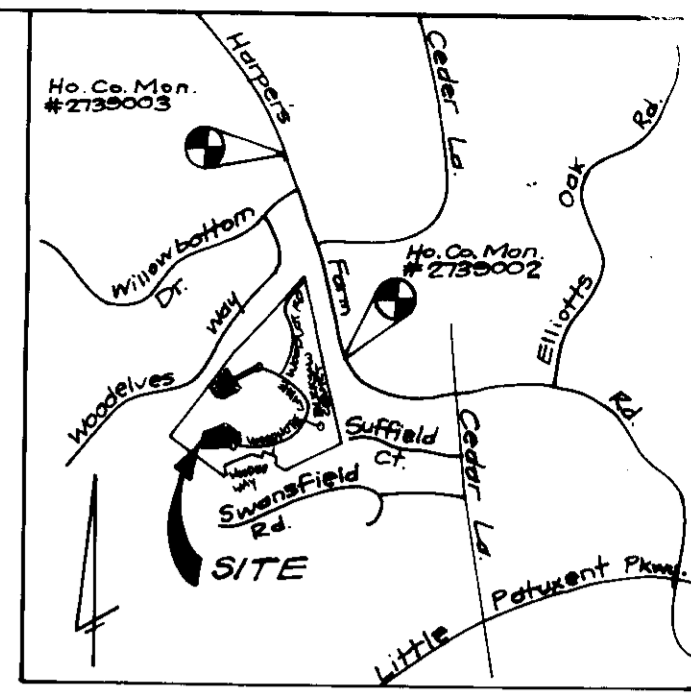
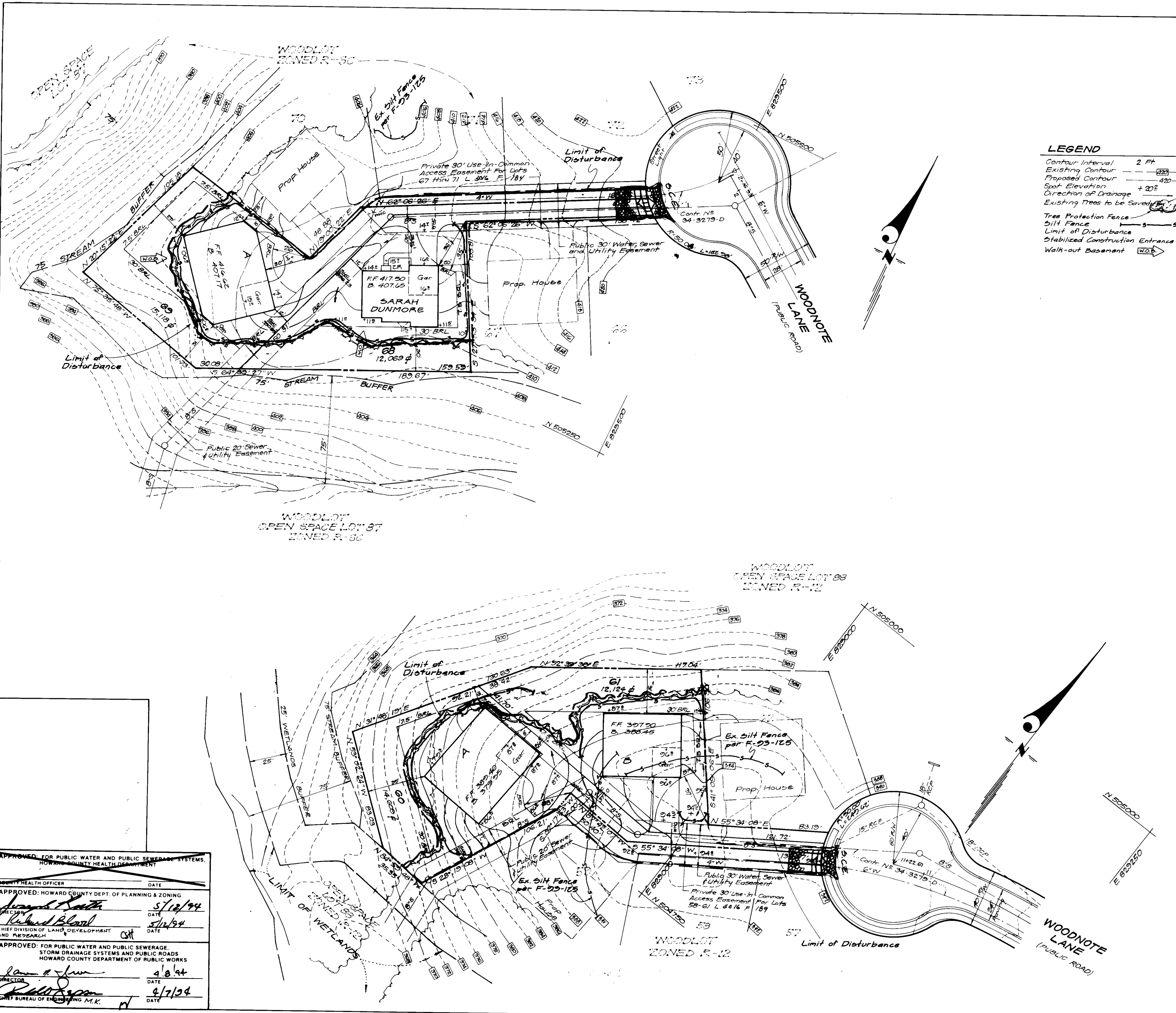
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE AND ZONING
 HOWARD COUNTY DEPT. OF PLANNING AND ZONING

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 5/12/94
 DATE: 5/12/94
 DATE: 4/8/94
 DATE: 4/17/94

REVISIONS

NO.	DESCRIPTION	DATE
5	Rev. hse. 5 grad. lot 61 Add hse. typical	2-19-96
4	Add H-F Hse. Typical	12-2-93
3	Rev. hse. 3 grad. Lot 68	11-18-93
2	Rev. hse. 4 grad. Lot 60, Add hse. typical	9-7-93
1	Add A, B, D, E, H, M, N, O, P, Q, R, S, T House Typical	8-2-93



VICINITY MAP
Scale: 1" = 2000'

- LEGEND**
- Contour Interval 2 Ft
 - Existing Contour
 - Proposed Contour
 - Spot Elevation + 20'
 - Direction of Drainage
 - Existing Trees to be Saved
 - Tree Protection Fence
 - Silt Fence
 - Limit of Disturbance
 - Stabilized Construction Entrance
 - Walk-out Basement

Approved for HOWARD S.C.D.
James E. Steiner
 Signature
 US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
John K. Robertson 3/28/94
 Approved

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.
Harry L. Lundy
 Signature
 12-2-93
 Date

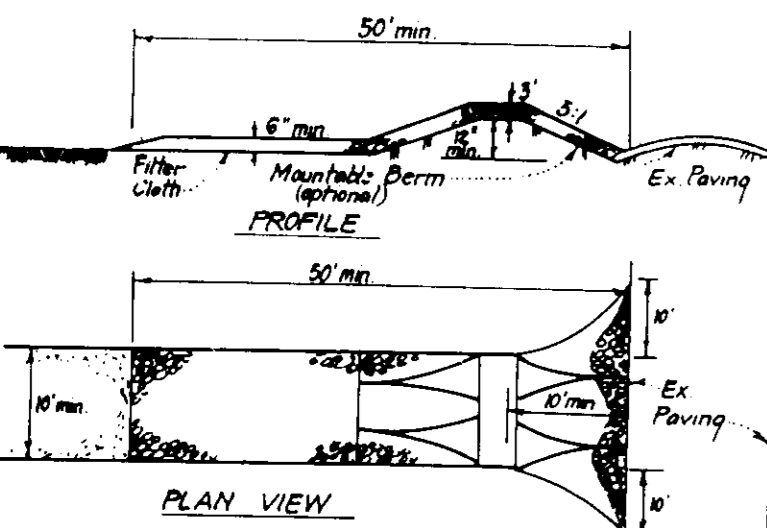
SEAL OF MARILYN NELSON
 12-2-93

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.
Shrek
 Signature
 12-2-93
 Date

OWNER/DEVELOPER
 WOODLOT ENTERPRISES, INC.
 % Thomas Scrivener
 5026 Dorsey Hall Drive
 Suite 204
 Columbia, Maryland 21042

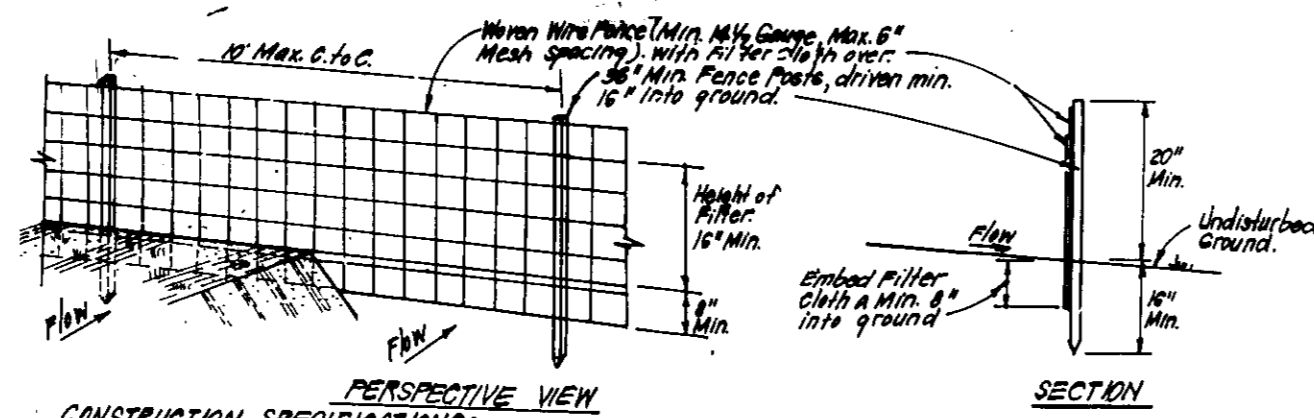
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 DIRECTOR
 DATE
 CHIEF DIVISION OF LAND DEVELOPMENT AND RESEARCH
 DATE
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE
 CHIEF BUREAU OF ENGINEERING M.K.
 DATE

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 - BALTO • (301) 621-8100 - WASH		
DESIGNED JLS	SEDIMENT & EROSION CONTROL PLAN LOTS 60, 61, 68 and 69 WOODLOT SECTION I 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN BAL MCR		DRAWING 20F 4
CHECKED JLS		JOB NO. 93-196
DATE 12-2-93		FILE NO. 93-196E
FOR: WILLIAMSBURG BUILDERS, INC. P.O. Box 1018 Columbia, Md 21044		



- CONSTRUCTION SPECIFICATIONS:**
- Stone size - Use 2" stone or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (exception a single residence lot where a 30 foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) feet minimum, but not less than the full width of points where ingress or egress occurs.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required over a single family residence lot.
 - Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a manhole curb with 3" slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any repairs used to trap sediment. All sediment applied, trapped, washed or tracked onto public rights-of-way must be removed immediately.
 - Warning - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE)
NO SCALE

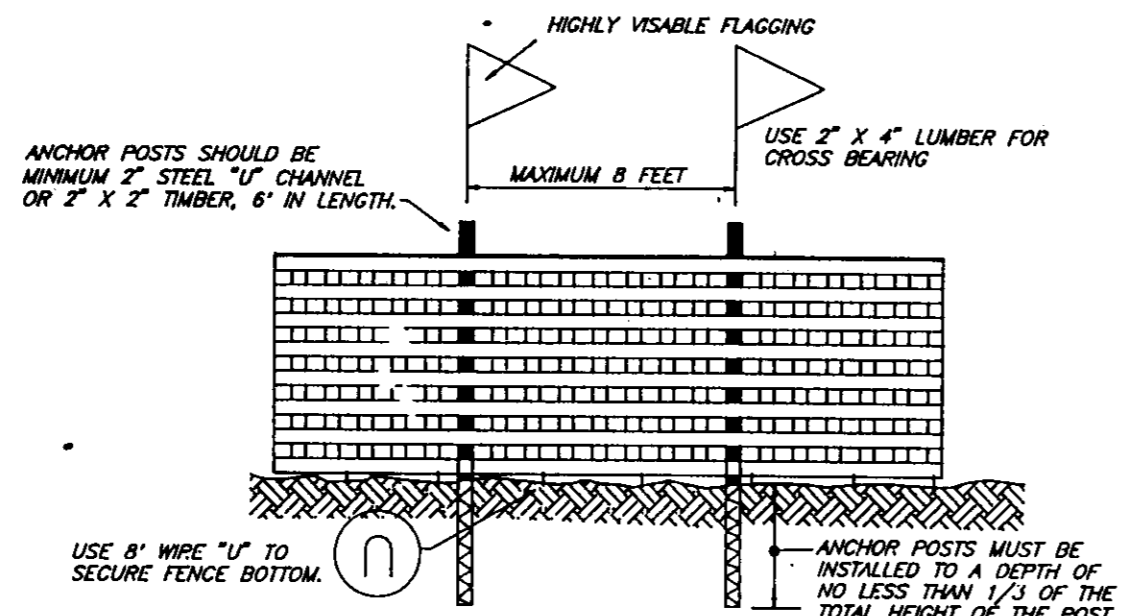


PERSPECTIVE VIEW

- CONSTRUCTION SPECIFICATIONS:**
- Woven wire fence to be fastened securely to fence posts with wire laced at angles.
 - Filter Cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
 - Wire & sections of filter cloth within each other they shall be interlocked top & bottom.
 - Maintenance shall be performed as needed and material removed when debris develops in silt fence.

- POSTS:** Steel, galvanized Type II Type or 2" Hardwood
FENCE: Woven Wire, 14/2 Gauge
POSTS: 12" x 12" or Approved
ANCHOR POSTS: 2" x 4" Lumber for cross bearing
ANCHOR POSTS: 2" x 4" Lumber for cross bearing

SILT FENCE DETAIL (S)
NO SCALE



BLAZE ORANGE PLASTIC MESH TYPICAL TREE PROTECTION FENCE DETAIL
NO SCALE

- NOTES:**
- Forest protection device only.
 - Retention area will be set as part of the review process.
 - Boundaries of retention area should be staked and flagged prior to installing device.
 - Root damage should be avoided.
 - Protection signage may also be used.
 - Device should be maintained throughout construction.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:
1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs./1000 sq ft.) before seeding. Harrow or disc into upper three inches of soil. At the time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1000 sq ft.).
2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23 lbs./1000 sq ft.) before seeding. Harrow or disc into upper three inches of soil.

SEEDING: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs./1000 sq ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs./1000 sq ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq ft.) of unrattled small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft.) for anchoring.

MAINTENANCE: Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing, or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs./1000 sq ft.)

SEEDING: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual ryegrass (3.2 lbs./1000 sq ft.). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs./1000 sq ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq ft.) of unrattled small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft.) for anchoring.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEDIMENT AND EROSION CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (293-108.1)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeters in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do 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: 1708A
Area Disturbed: 0302A
Area to be roofed or paved: 0302A
Area to be vegetatively stabilized: 0302A
Total Cut: 1000 CY
Total Fill: 1110 CY
Offsite Waste/Borrow Area Location: _____

- 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 requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- All pipes to be blocked at the end of each day (see detail this sheet).
- The total amount of silt fence = 750 L.F.

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

CONSTRUCTION SEQUENCE:	NO. OF DAYS
1. Obtain grading permit	7
2. Install tree protection fence	2
3. Install sediment and erosion control devices and stabilize	2
4. Excavate for foundations, rough grade and temporarily stabilize	30
5. Construct structures, sidewalks and driveways	90
6. Final grade and stabilize in accordance with Stds. and Specs.	30
7. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize	30

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

APPROVED: CHIEF BUREAU OF ENGINEERING, M.D.

Reviewed for HOWARD S.C.D. Name: [Signature] Date: 3/12/94

US Soil Conservation Service

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

Approved: [Signature] Date: 3/28/94

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] Date: 12-2-93

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.

Signature: [Signature] Date: 12-2-93



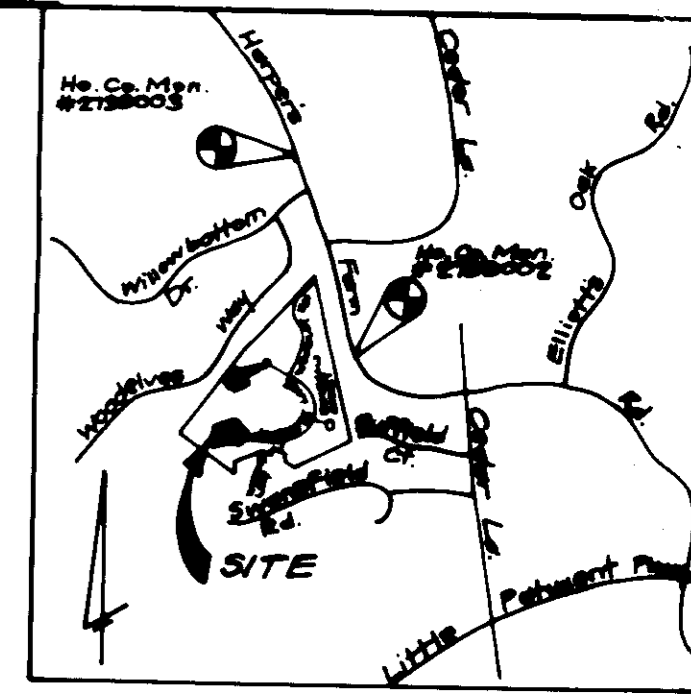
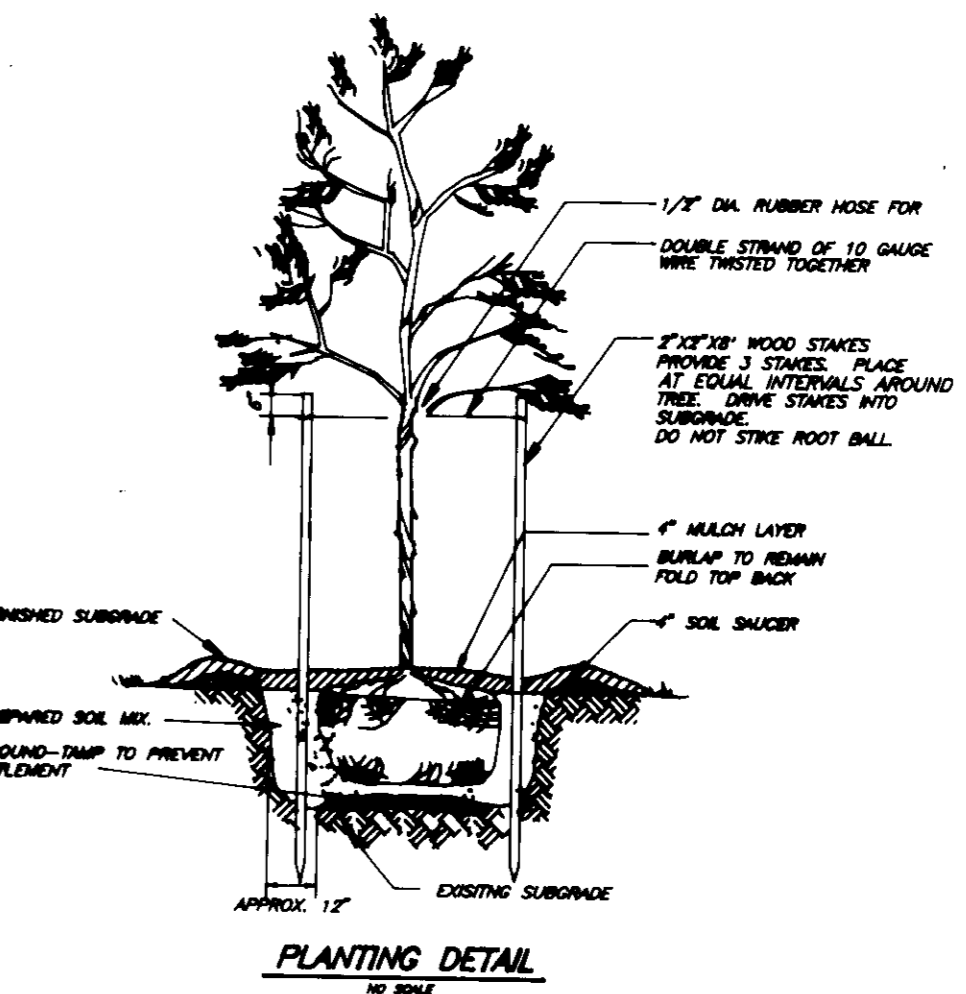
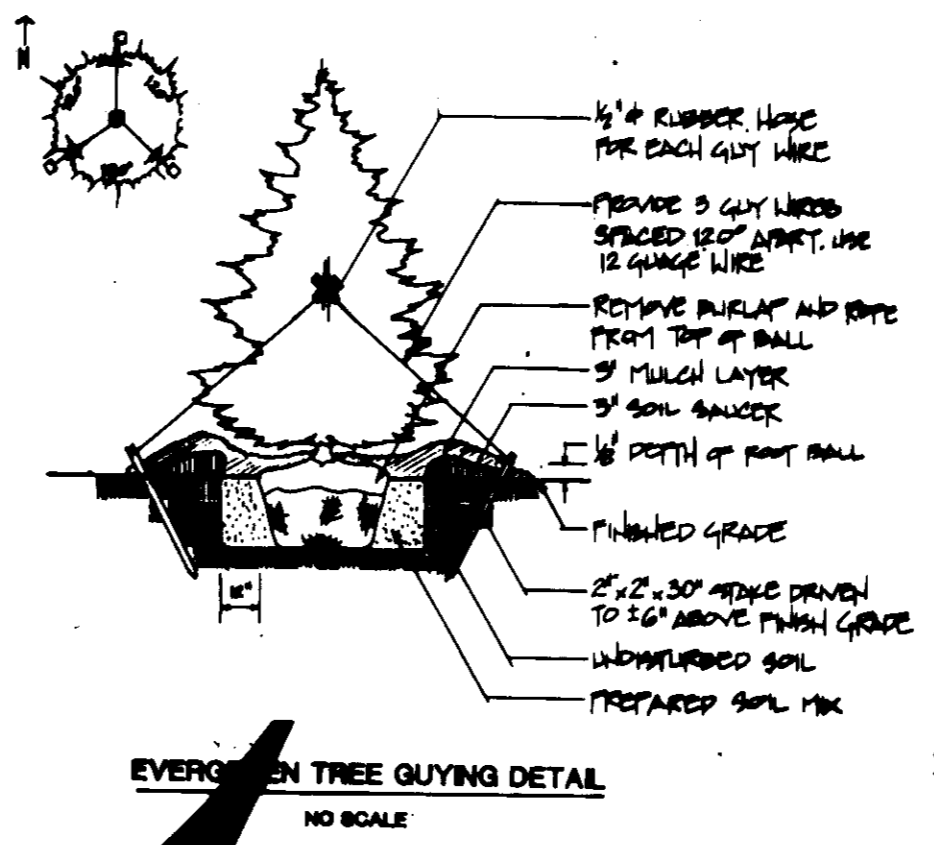
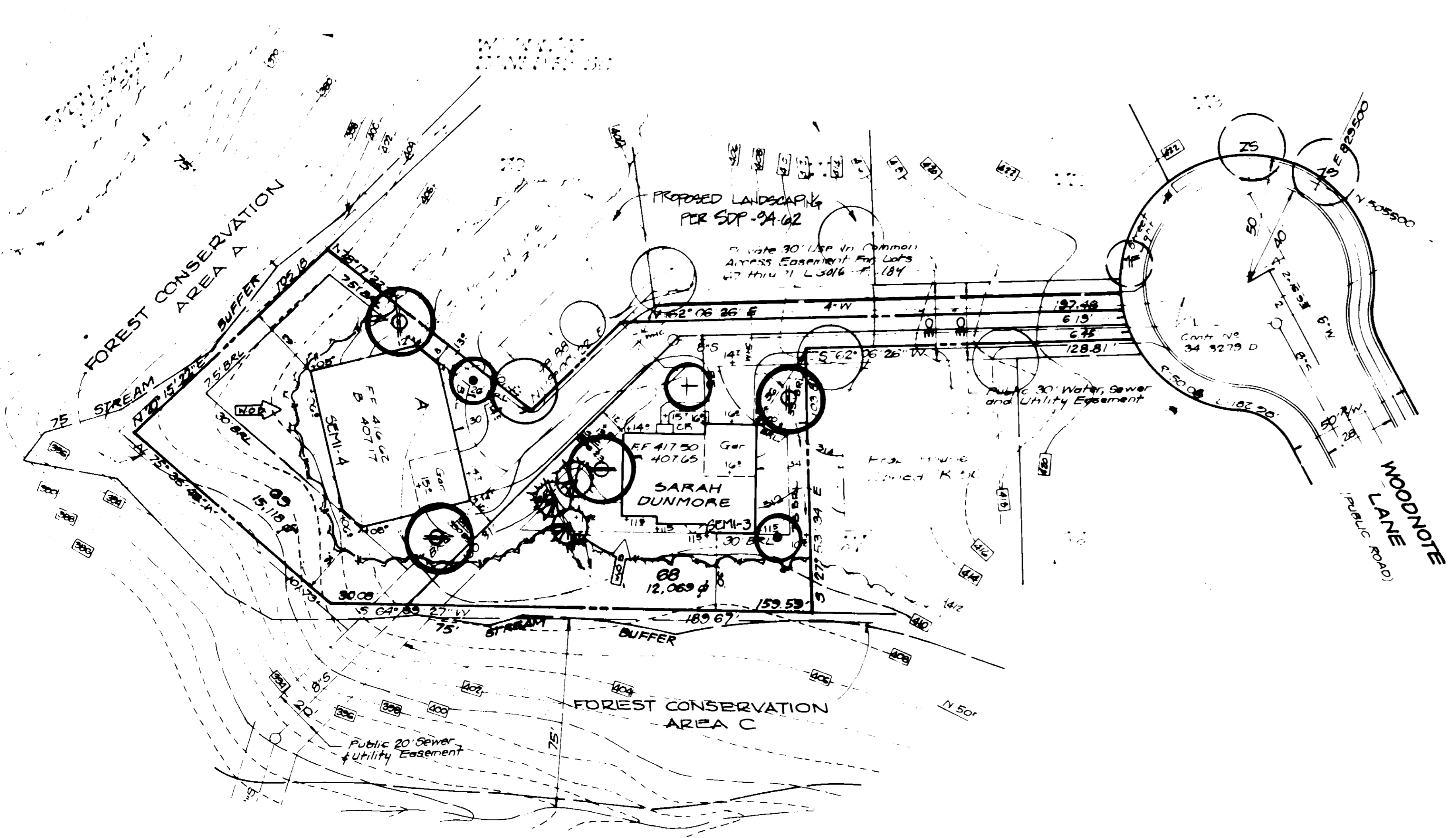
OWNER/DEVELOPER
WOODLOT ENTERPRISES, INC.
56 Thomas Drive
5026 Dorsey Hall Drive
Suite 204
Columbia, Maryland 21042

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINTREL WAY • COLUMBIA MD 21045 • (410) 381-7500 • BALTO • (301) 621-8103 • WASH

DESIGNED: JLS
DRAWN: MCR
CHECKED: JLS
DATE: 12-2-93

SEDIMENT & EROSION CONTROL PLAN
SECTION I
WOODLOT
Lots 60, 61, 68 and 69
TAX MAP: No 29 PARCEL No 365
5th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOX: WILLIAMSBURG BUILDERS, INC.
P.O. Box 1018
Columbia, Maryland 21044

SCALE: NOTED
DRAWING: 3 of 4
JOB NO.: 93-196
FILE NO.: 93-196



PLANT SCHEDULE

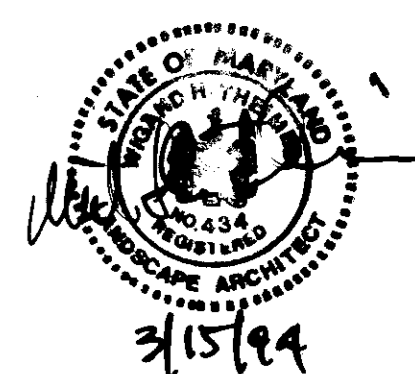
KEY	QTY	PLANT SPECIES	SIZE	REMARKS
SHADE TREES				
(⊙)	4	ACER RUBRUM "OCTOBER GLORY" October Glory Red Maple	2 1/2-3" CAL 12-14' HT	B & B
(⊕)	4	ZELKOVA SERR. "VILLAGE GREEN" Village Green Zelkova	2 1/2-3" CAL 12-14' HT	B & B
FLOWERING/EVERGREEN TREES				
(⊙)	3	CORNUS FLORIDA "RUBRA" Pink Flowering Dogwood	2-2 1/2" CAL 8-10' HT	B & B
(⊕)	3	MAGNOLIA SOULANGIANA Saucer Magnolia	2-2 1/2" CAL 8-10' HT	B & B
(⊙)	6	PINUS STROBUS White Pine	6-8' HT	B & B
STREET TREES BY THE DEVELOPER PER F-93-125				
(AR)		ACER RUBRUM "OCTOBER GLORY" October Glory Red Maple		
(MF)		MALUS FLORI. "HARVEST GOLD" Harvest Gold Crabapple		
(PY)		PRUNUS YEDOENSIS Yoshino Cherry		
(OR)		QUERCUS RUBRA Red Oak		
(ZS)		ZELKOVA SERRATA Zelkova		

- NOTES**
- All planting shall be done in accordance with the Balto./Wash. landscape specifications of L.C.A.M.W.
 - Contractor shall verify location of all underground utilities prior to digging.
 - Final location of plant material may vary per final field conditions.

- LEGEND**
- UN - UNWOODED LOT
 - SEMI - SEMI-WOODED LOT
 - WOOD - WOODED LOT

NUMBER OF TREES REQUIRED BY WOODLOT PLANTING STANDARDS (EXHIBIT G+H) = 14
 NUMBER OF PLANTS PROVIDED = 14
 (2:1 SUBSTITUTION FOR FLOWERING/EVERGREEN TREES)

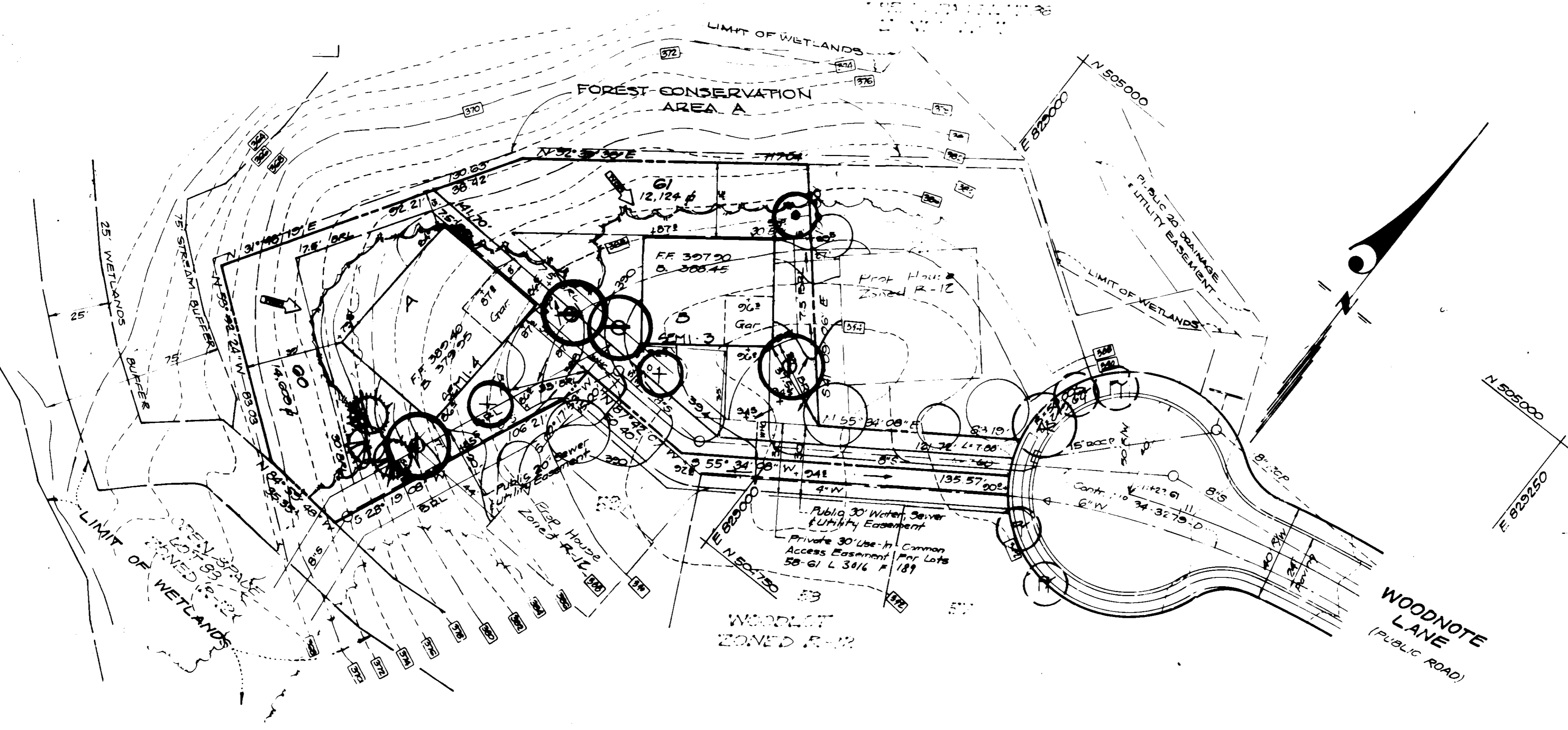
Note: Proposed plantings are in accordance with Exhibits G+H of ZB 933M.



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS,
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS



SUBDIVISION NAME WOODLOT		SECTION/BLK 1	LOTS/PARCELS 60, 61, 68 and 69	
PLAT NO.	BLOCK NO.	ZONE R-12	TAX MAP NO. 29	ELECTRICAL DIST. 5TH
SEWER CODE 1E-03		SEWER CODE 5587900		

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 - BALTO. • (301) 621-8100 - WASH.

DESIGNED MJP	LANDSCAPE PLANTING PLAN LOTS 60, 61, 68 and 69 WOODLOT SECTION I 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN MJP		DRAWING 4004
CHECKED WHT		JOB NO. 93-196
DATE 3-9-94		FILE NO. 93-19615

FOR: WILLIAMSBURG BUILDERS, INC.
 P.O. Box 108
 Columbia, Md. 21044