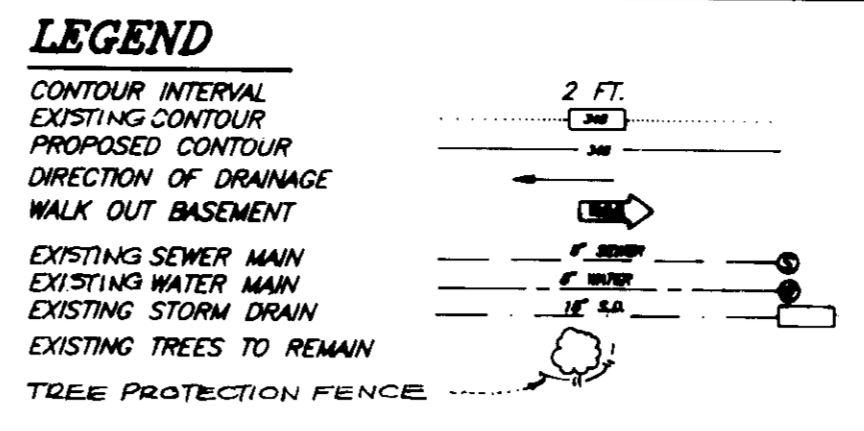
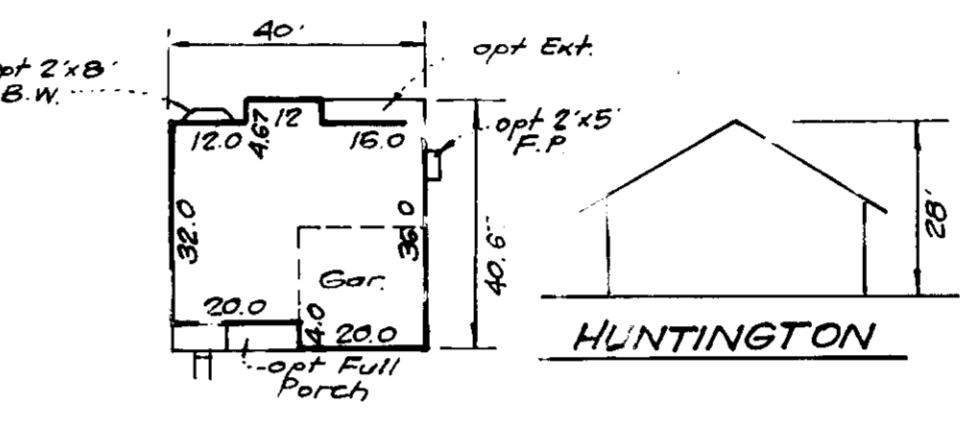
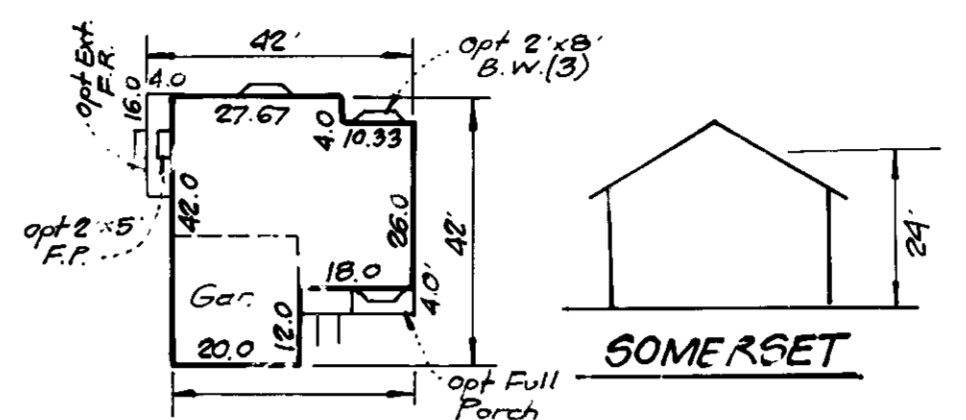
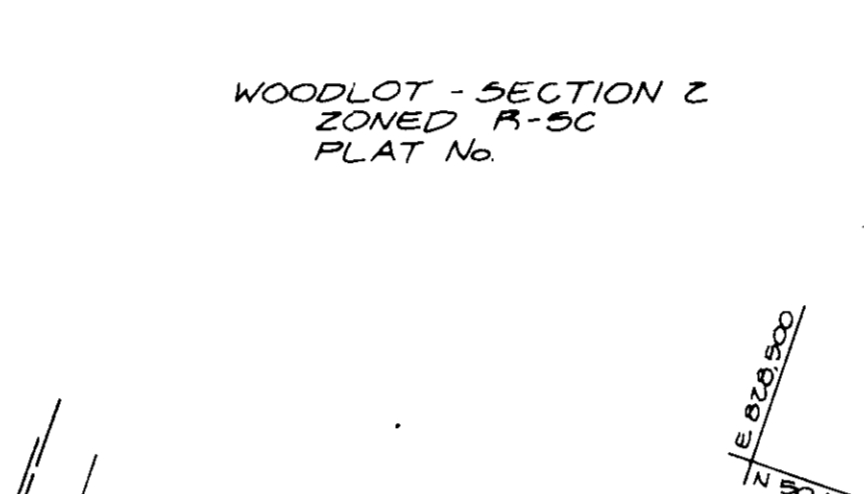
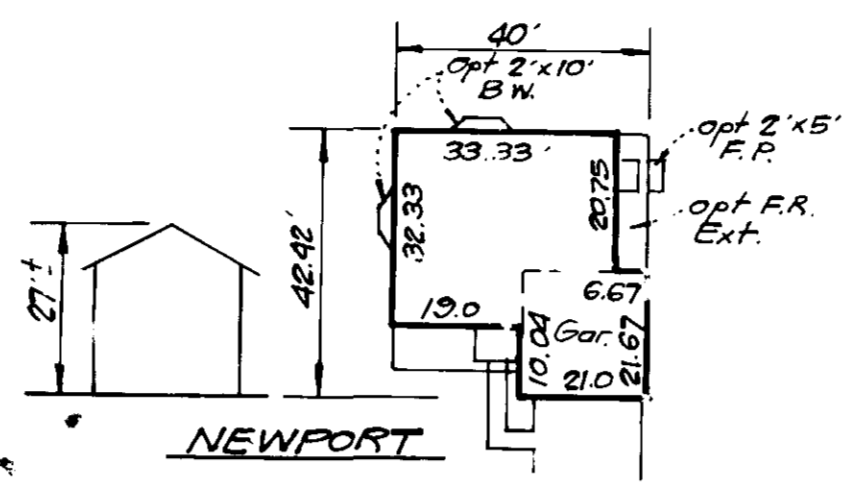
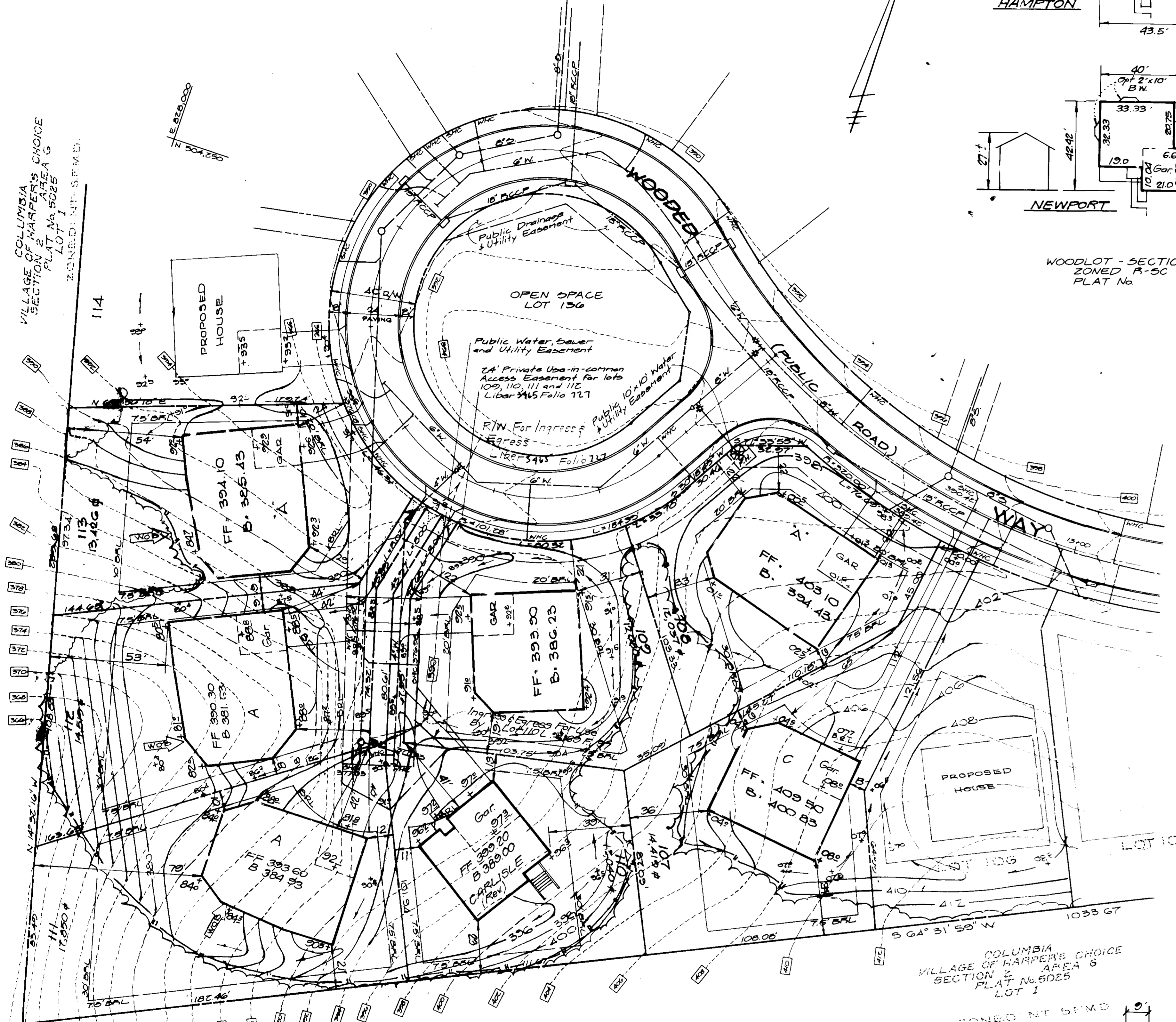
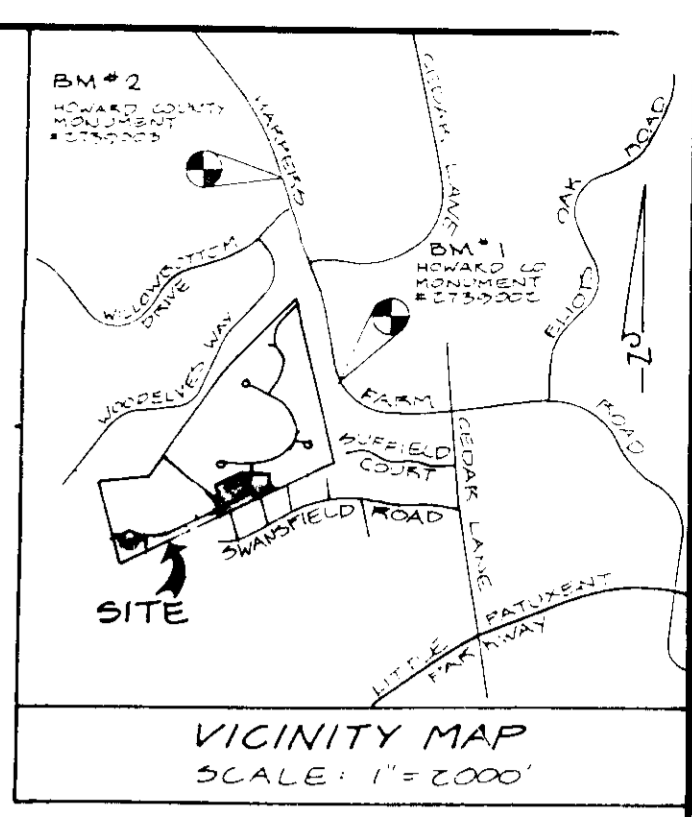


MINIMUM LOT SIZE CHART						
LOT NO.	GROSS AREA	PISTEM AREA	REMAINING AREA	100 YEAR FLOODPLAIN	2.5% SLOPES	MINIMUM LOT SIZE
106	11,848	725	11,123	0	0	11,118
107	14,415	1,375	13,041	0	0	13,031
110	12,040	895	11,145	0	0	11,145
111	17,250	948	16,304	0	2100	14,804
112	14,315	376	14,145	0	0	14,145



BENCHMARKS	
BM #1	HOWARD COUNTY MONUMENT # 2739002 ELEV 472.20 N 50°56'54" S15 E 83°37'2" W88
BM #2	HOWARD COUNTY MONUMENT # 2739003 ELEV 465.10 N 50°59'44" S85 E 82°29'37" W43

ZONING INFORMATION	
LOTS	ZONED
107-113	R-5C



- GENERAL NOTES:**
- Subject property is zoned R-5C & R-12 per 10-18-93 and ZB 9335 Comprehensive Zoning Plan.
  - The total area included in this submission is 1.5 ± ac.
  - The total number of lots included in this submission are: 13.
  - Improvement to property: Single family detached.
  - Department of Planning and Zoning reference file numbers are: 02-03-12, 02-03-04, Z0033M & PD-207, F-24-12, F-93-125.
  - Utilities shown as existing are taken from approved water and sewer plan Contract # 24-3317-D, approved road construction plans F-24-12, 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 extended detention facility.
  - All roadways are public and existing.
  - The existing topography shown was taken from road construction plans F-24-12 prepared by Kierner, Muegge & Assoc. Inc.
  - 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.: 2739002, 2739003.
  - The contractor shall notify the Department of Public Works/Division of Construction Inspection at (410) 313-1180 at least five (5) working days prior to the start of work.
  - The contractor shall notify "Miss Utility" at 1-800-297-1111 at least 48 hours prior to any excavation work.
  - The owner/builder shall be advised that all porches/decks/structures located within the front/rear building setback shall be in accordance with section 103 of the Zoning Regulations.
  - 103 of the Zoning Regulations allows porches or decks, open or enclosed, not to project more than 10 feet into the required front or rear yard building restriction lines.
  - No clearing, grading, or construction is permitted within Wetlands and Stream Buffers or Forest Conservation Areas.
  - For driveway entrance details refer to Howard County Design Manual Volume II Std. Details: R-5C, R-6C & R-6S.

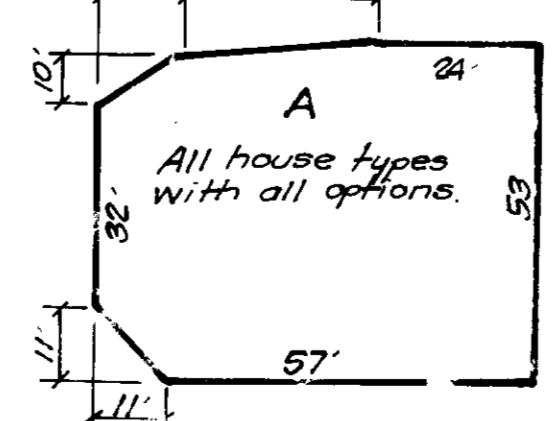
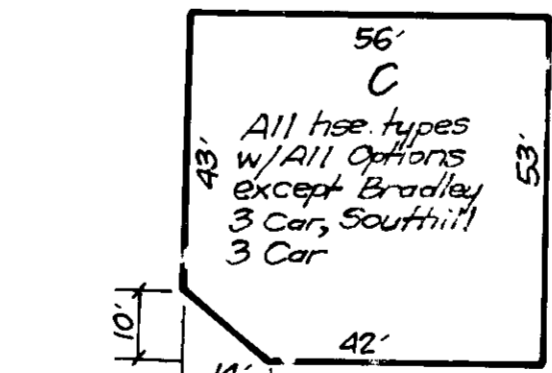
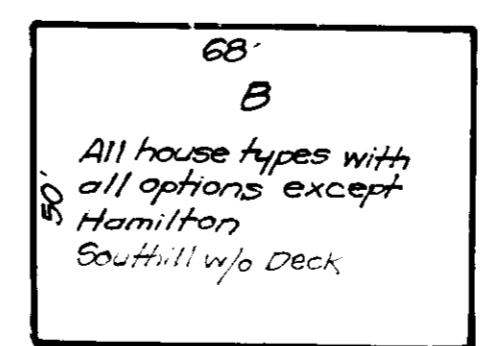
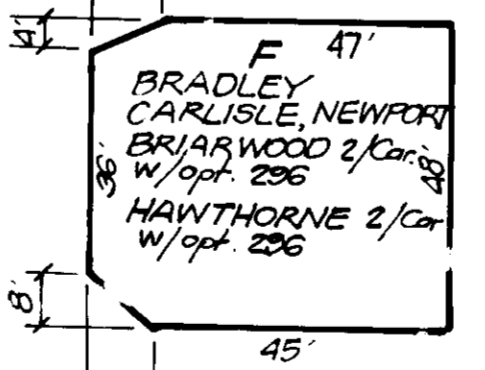
SHEET INDEX		
SITE DEVELOPMENT PLAN	SHT 1 & 2	
SEDIMENT AND EROSION CONTROL PLAN	SHT 3 & 4	
LANDSCAPE PLAN	SHT 6 & 7	

**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-24-12 and/or approved Water and Sewer Plans Contract # 24-3317-D-W5.

ADDRESS CHART		
LOT NO.	STREET	ADDRESS
107	WOODED WAY	5463
108	WOODED WAY	5467
109	WOODED WAY	5471
110	WOODED WAY	5475
111	WOODED WAY	5479
112	WOODED WAY	5483
113	WOODED WAY	5487

SUBDIVISION NAME			
WOODED	SECTION 2	128-131	93-95, 107-113
PLAT NO.	BLK. NO.	ZONE	ELECTION DIST.
11625 & 11626	22	R-5C	29
WATER CODE		SEWER CODE	
1103		5587900	

**OWNER/DEVELOPER**  
WOODLOT ENTERPRISES, INC.  
96 THOMAS SCRIVENER  
5026 DORSEY HALL DRIVE  
SUITE 204  
COLUMBIA, MD 21042

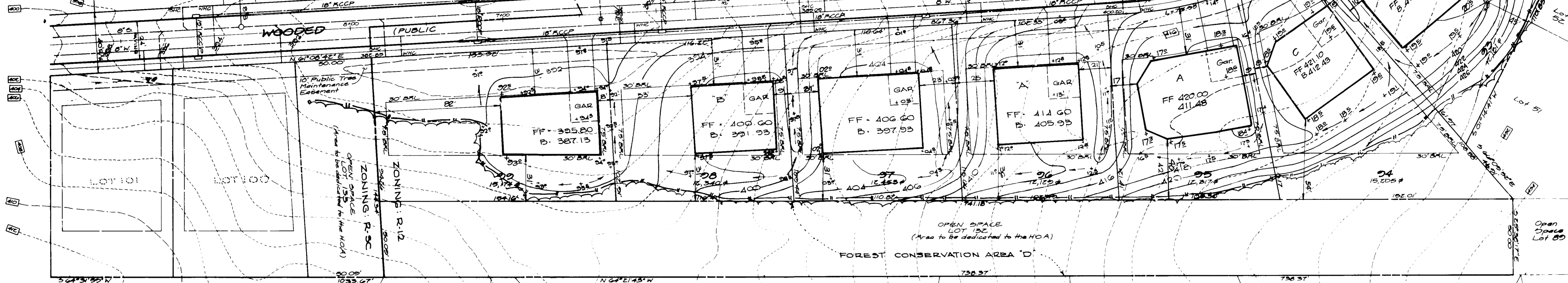
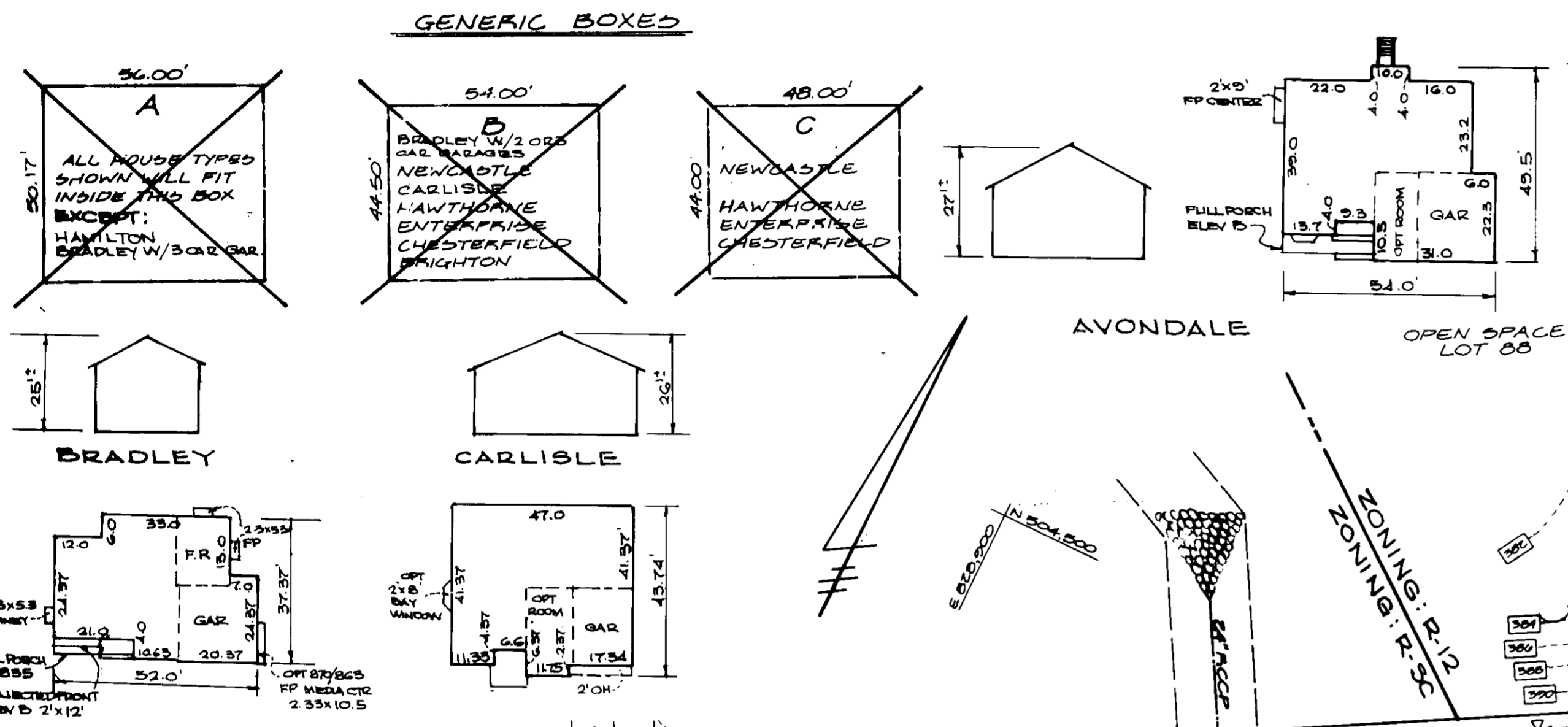
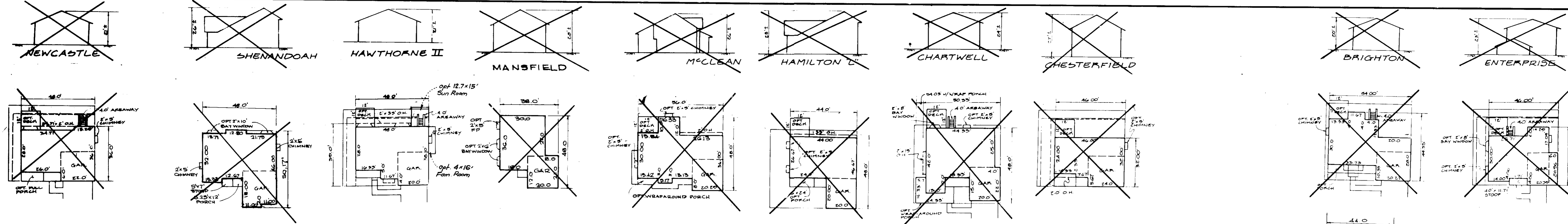


**APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING**  
Director: [Signature] DATE: 4/21/95  
Chief Division of Land Development and Research: [Signature] DATE: 4/11/95  
**APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS**  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
Director: [Signature] DATE: 2/19/95  
Chief Bureau of Engineering: [Signature] DATE: 2/16/95

NO.	REVISIONS	DATE
2	Rev. hse, grd, ingress & egress easmt Lot 110	10-7-97
1	Rev. generic boxes lots 107 thru 113	5-7-96

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
735 MINGSTREL WAY • COLUMBIA, MD 21045 • (410) 871-7500 • (410) 425-8160 • (410) 425-8160 • FAX: (410) 425-8160

DESIGNED		SITE DEVELOPMENT PLAN		SCALE
AMT	1/24/95	WOODLOT SECTION 2		1" = 30'
DRAWN		Lots 23-99, 107-113, 128-131		DRAWING
MCR				1 of 7
CHECKED		TAX MAP No. 29 PARCEL # 365		JOB NO.
JME		5th ELECTION DISTRICT		93-104
DATE		HOWARD COUNTY, MARYLAND		FILE NO.
1-24-95		THERYLAND GROUP, INC.		93-104 X
		7130 Mingstrel Way, Suite 215		
		Columbia, Maryland 21045		



VILLAGE OF HARPER'S CHOICE  
SECTION 2 AREA 6  
PLAT No. 9025  
ZONED INT-S.F.M.D.

LOT 170  
VILLAGE OF HARPER'S CHOICE  
SWANFIELD  
SECTION 4 AREA 3  
PLAT BOOH 15 FOLIO 63  
ZONED INT-S.F.M.D.

LOT 176  
OWNER/DEVELOPER  
WOODLOT ENTERPRISES, INC.  
96 THOMAS SCRIVENER  
5026 DORSEY HALL DRIVE  
SUITE 204  
COLUMBIA, MD 21042

LOT 177  
VILLAGE OF HARPER'S CHOICE  
SWANFIELD  
SECTION 4 AREA 1  
PLAT BOOH 15 FOLIO 62  
ZONED INT-S.F.M.D.

**ZONING INFORMATION**

LOTS	ZONED
93-99	R-12
128-131	R-12

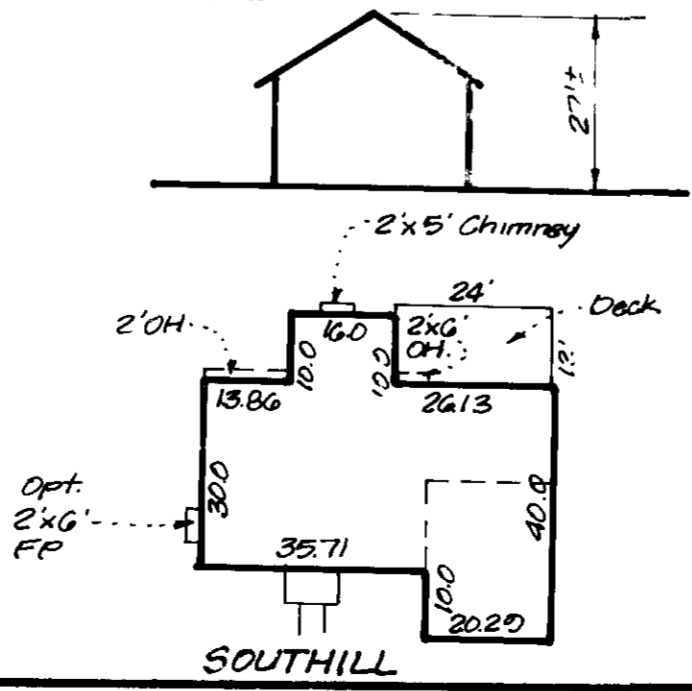
**ADDRESS CHART**

LOT NO	STREET ADDRESS
93	5405 WOODED WAY
94	5408 WOODED WAY
95	5413 WOODED WAY
96	5417 WOODED WAY
97	5421 WOODED WAY
98	5425 WOODED WAY
99	5429 WOODED WAY
128	5424 WOODED WAY
129	5420 WOODED WAY
130	5416 WOODED WAY
131	5412 WOODED WAY

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
*Land South*  
DATE 4/24/95  
APPROVED: *Chris Zimmerman*  
DATE 4/17/95  
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE 2/6/95

REVISIONS

No	REVISIONS	DATE
1	Rev. generic boxes, Add base typicals	5-7-95
2	Rev. base & gen. lot 93 Add base typical	11-15-95



**CLARK • FINEPROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
7135 MINGTREE WAY • COLUMBIA MD 21045 • (410) 481-7000 (BALTO) • (301) 621-8100 • WASH

DESIGNED BY: *gnc*  
DRAWN BY: *gnc*  
CHECKED BY: *gnc*  
DATE: 1-24-95

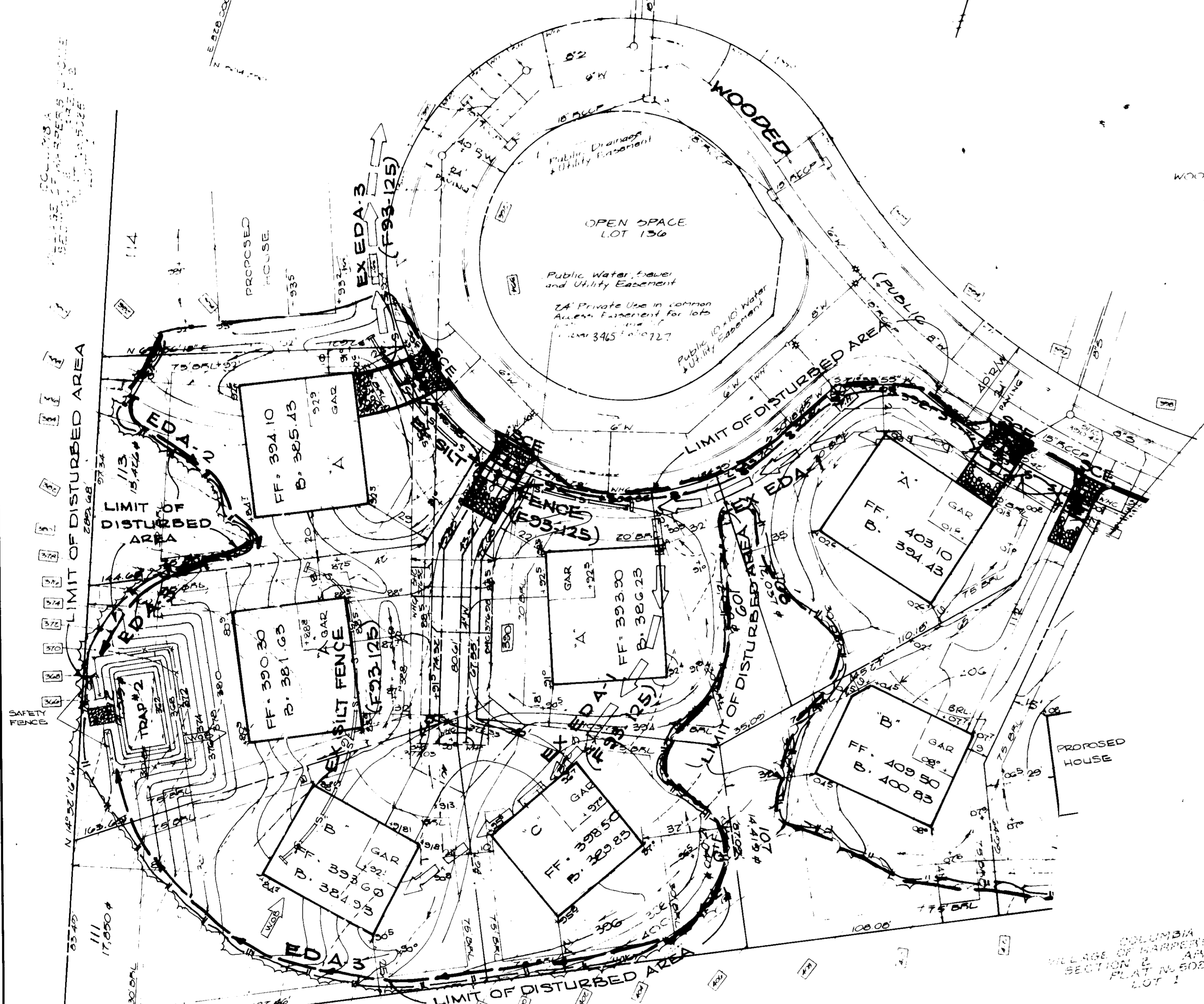
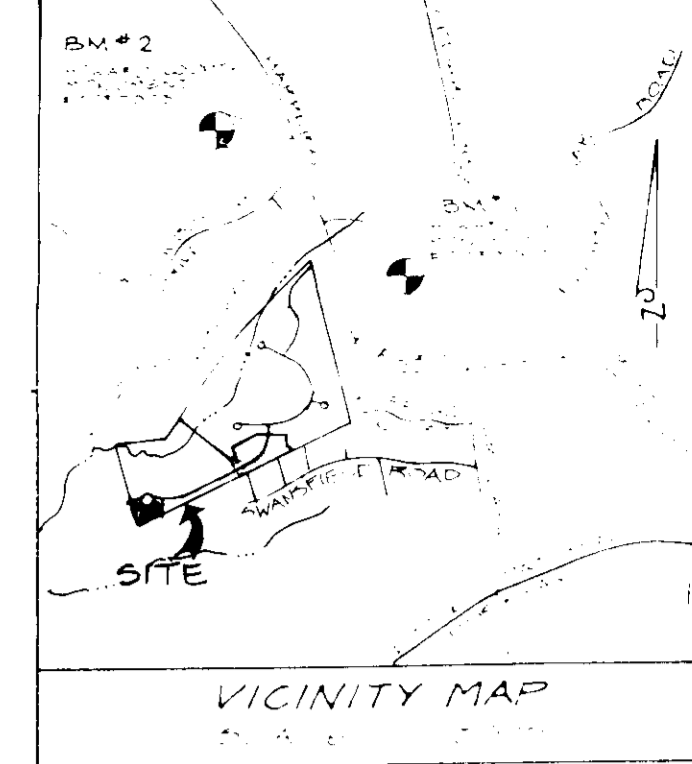
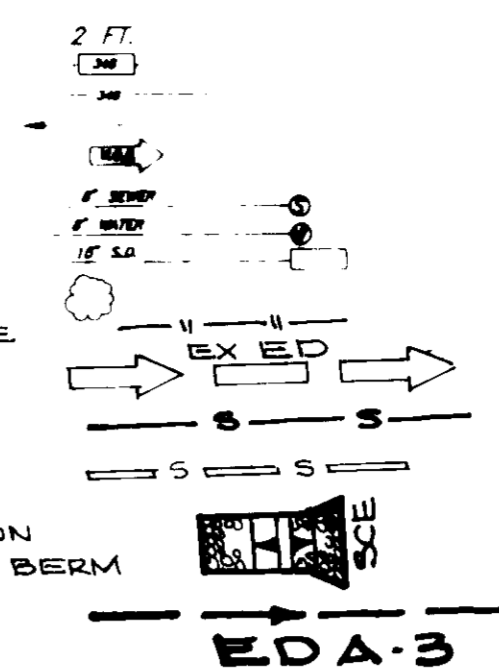
**SITE DEVELOPMENT PLAN**  
**WOODLOT SECTION E**  
Lots 93-99, 107-113, 128-131

TAX MAP No. 29 PARCEL #365  
5th ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
THE DELAND GROUP, INC  
7130 Minorsel Way, Suite E15  
Columbia, Maryland 21045

SCALE: 1"=30'  
DRAWING: 2 of 7  
JOB NO: 03-104  
FILE NO: 03-104X

**LEGEND**

- CONTOUR INTERVAL
- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF DRAINAGE
- WALK OUT BASEMENT
- EXISTING SEWER MAIN
- EXISTING WATER MAIN
- EXISTING STORM DRAIN
- EXISTING TREES TO REMAIN
- TREE PROTECTION FENCE
- EXISTING EARTH DIKE
- SILT FENCE
- EXISTING SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE W/MOLINTABLE BERM
- EARTH DIKE



WOODLOT SECTION 2  
ZONED R-5C  
PLAT No.

**NOTE**  
EX. ED PER F93-125 TO BE REMOVED  
PRIOR TO LOT GRADING FOR LOTS 107-111

COLUMBIA  
VILLAGE OF HARPER CHOICE  
SECTION 2, AREA 8  
PLAT No. 8025  
LOT 1

**TRAPN#2 SOST ST-V**

DRAINAGE AREA	1.6AC
STORAGE REQUIRED	2880 CF
STORAGE PROVIDED	2880 CF
TOP OF STONE CREST	367.0
BOTTOM ELEVATION	362.0
CLEANOUT ELEVATION	364.0
DEPTH	4'
BOTTOM DIMENSIONS	32' x 16'
L = 7'	
1:1 SIDE SLOPES IN CUT	

OWNER/DEVELOPER  
WOODLOT ENTERPRISES INC  
CATHY M. BRYNER  
5322 DORSEY HALL DRIVE  
SUITE 204  
COLUMBIA, MD 21047

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
 Director: *[Signature]* DATE: 4/21/95  
 Chief Division of Land Development and Research: *[Signature]* DATE: 4/17/95  
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 Director: *[Signature]* DATE: 2/9/95  
 Chief Bureau of Engineering: *[Signature]* DATE: 2/16/95

**DEVELOPER'S/BUILDER'S CERTIFICATE**  
 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]* MAURICE M. SIMPKINS  
 Date: 7/8/94

Reviewed for: HOWARD S.C.D.  
 Name: *[Signature]*  
 Date: *[Signature]*  
 US Soil Conservation Service

**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]* G. NELSON CLARK  
 Date: 7-8-94

**CLARK • FINELOCK & SACKETT, INC.**

DESIGNED: JLS  
 DRAWN: RMT  
 CHECKED: MCR  
 DATE: 1-24-95

**SEDIMENT & EROSION CONTROL PLAN**  
**WOODLOT SECTION 2**  
 LOTS 93-99, 107-113 & 128-131  
 TAX MAP No 29 PARCEL #365  
 5th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'  
 SHEET: 3 of 7  
 FILE NO: 93-104  
 THE HOWLAND GROUP, INC.  
 1100 Minutel Way, Suite 110  
 Columbia, Maryland 21045  
 93-104

**STONE OUTLET SEDIMENT TRAP #1**

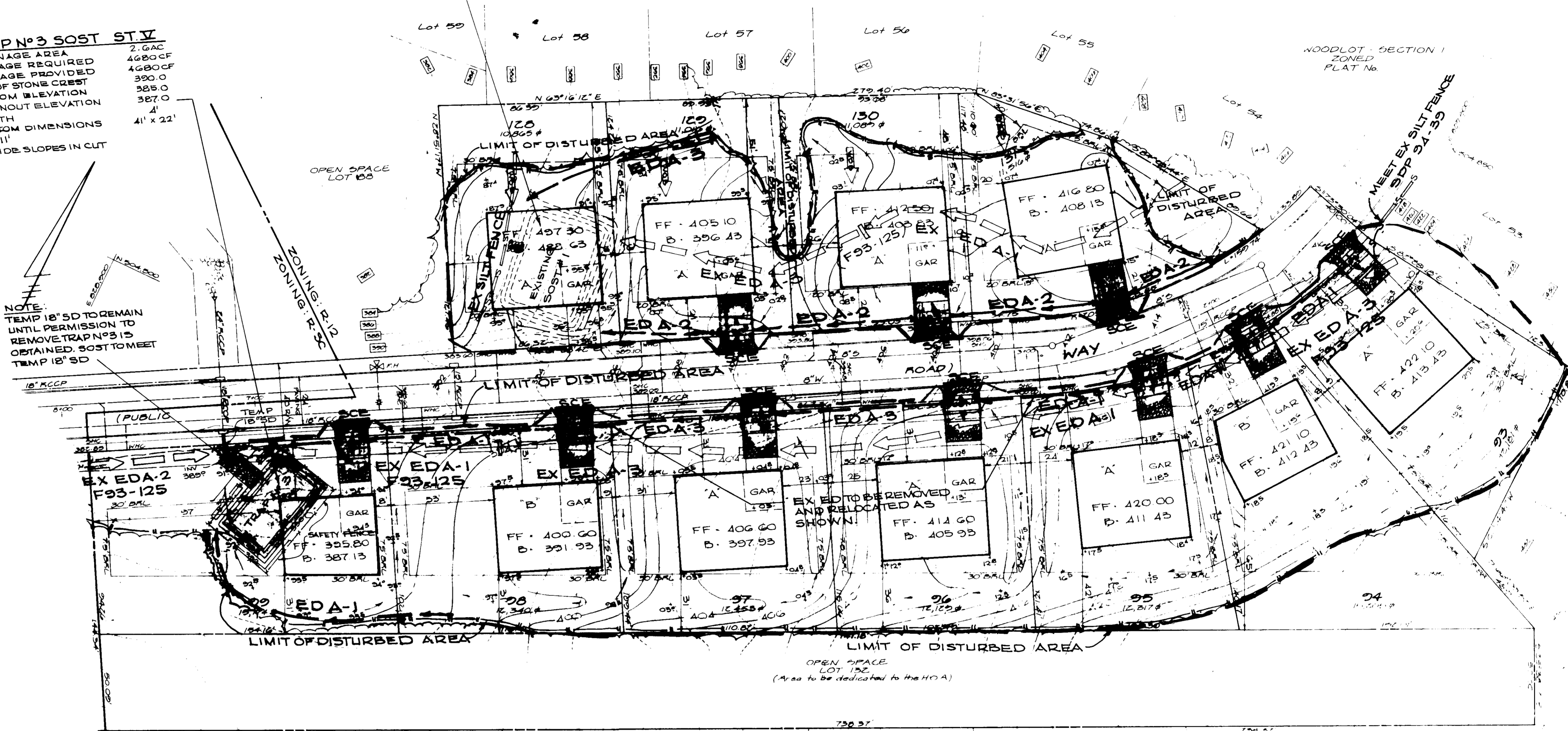
DRAINAGE AREA	1.09 AC
STORAGE REQUIRED	1962 CF
STORAGE PROVIDED	1962 CF @ 386.0
CREST ELEVATION	386.5
WEIR WIDTH	4'
BOTTOM ELEVATION	385.0
CLEANOUT ELEVATION	385.5
SIDE SLOPES	2:1
DEPTH	1'-0"

NOTE: EXISTING TRAP (F93-125) TO BE UTILIZED

**TRAP #3 SOST ST.V**

DRAINAGE AREA	2.6 AC
STORAGE REQUIRED	4680 CF
STORAGE PROVIDED	4680 CF
TOP OF STONE CREST	390.0
BOTTOM ELEVATION	385.0
CLEANOUT ELEVATION	387.0
DEPTH	4'
BOTTOM DIMENSIONS	4' x 22'
1:1 SIDE SLOPES IN CLUT	

NOTE:  
TEMP 18" SD TO REMAIN  
UNTIL PERMISSION TO  
REMOVE TRAP #3 IS  
OBTAINED. SOST TO MEET  
TEMP 18" SD



APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
 Director: *[Signature]* DATE: 4/21/95  
 Chief Division of LAND DEVELOPMENT AND RESEARCH: *[Signature]* DATE: 4/17/95  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Director: *[Signature]* DATE: 2/9/95  
 Chief Bureau of Engineering: *[Signature]* DATE: 2/6/95

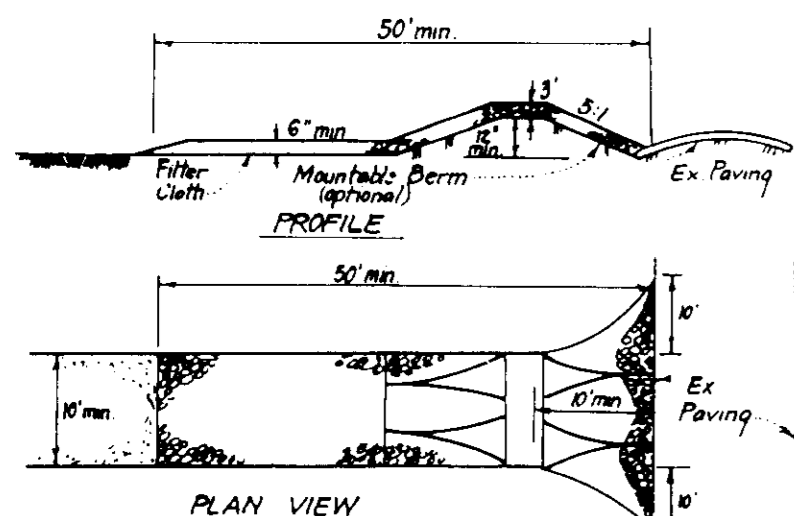
DEVELOPER'S/BUILDER'S CERTIFICATE  
 "I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department 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: 7/8/94  
 MAURICE M. SIMPKINS

Reviewed for HOWARD S.C.D. Name: *[Signature]* and meets Technical Requirements  
 Signature: *[Signature]* Date: 7/8/94  
 US Soil Conservation Service



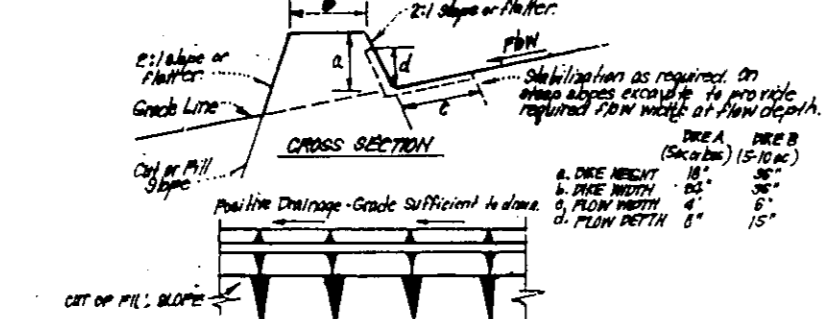
ENGINEER'S CERTIFICATE  
 I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
 Signature: *[Signature]* DATE: 7-8-94  
 G. NELSON CLARK

CLARK • BREWER • CROFFETT INC.  
**SEDIMENT & EROSION CONTROL PLAN**  
**WOODLOT SECTION 2**  
 LOTS 93-99, 107-113 & 128-131  
 1" = 30'  
 4 of 7  
 93-104  
 93-104  
 1-24-95  
 93-104



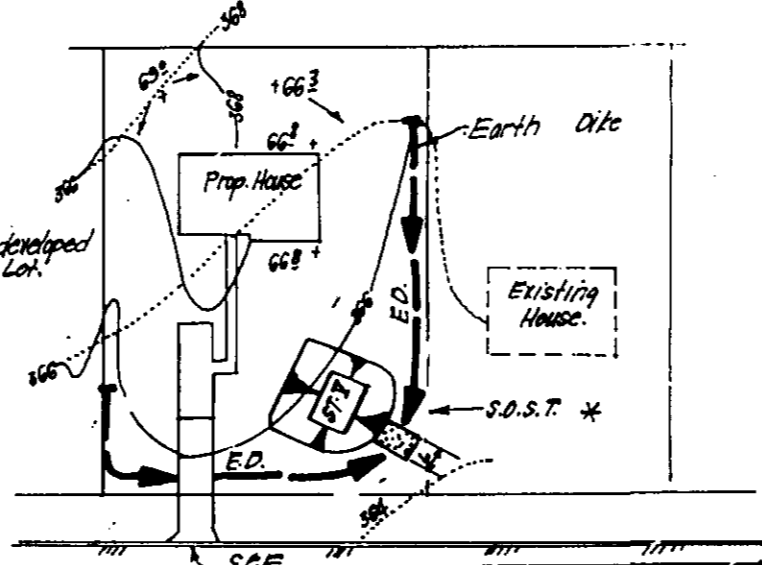
- CONSTRUCTION SPECIFICATIONS:**
- Stone size - Use 2" stone or reclaimed or recycled concrete equivalent.
  - Length - As required, but not less than 50 feet (exception on a single residence lot where a 30 foot minimum length would apply).
  - Thickness - Not less than 6" inches.
  - Width - Ten (10) 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 on 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 mounded berm with 5:1 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 cleanout of any impurities used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
  - Washing - 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



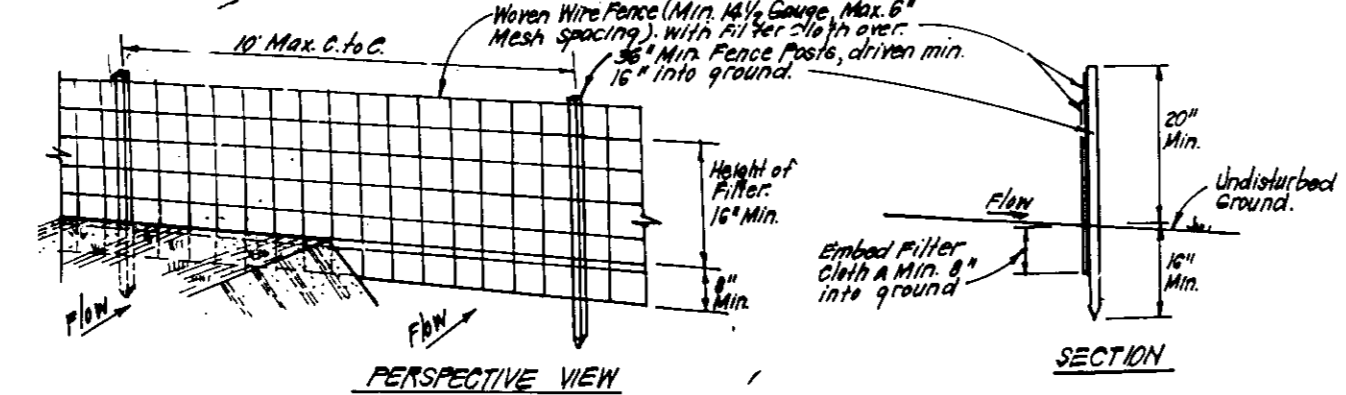
- CONSTRUCTION SPECIFICATIONS:**
- All dikes shall be constructed by earthmoving equipment.
  - All dikes shall have adequate drainage in an outlet.
  - The mesh may be woven and soil slopes may be steeper if deemed to facilitate clearing by construction traffic.
  - Mesh location should be adjusted as needed to utilize a stabilized rock wall.
  - Earth dikes shall have an outlet that discharges into a stabilized rock wall. The outlet shall be constructed in a manner that allows for the stone to be placed on the stabilized rock wall.
  - The structure shall be inspected after each rain and repair made as needed.
  - Construction equipment shall be removed when the drainage area has been properly stabilized.
  - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

**EARTH DIKE DETAIL (E.D.)**  
NO SCALE



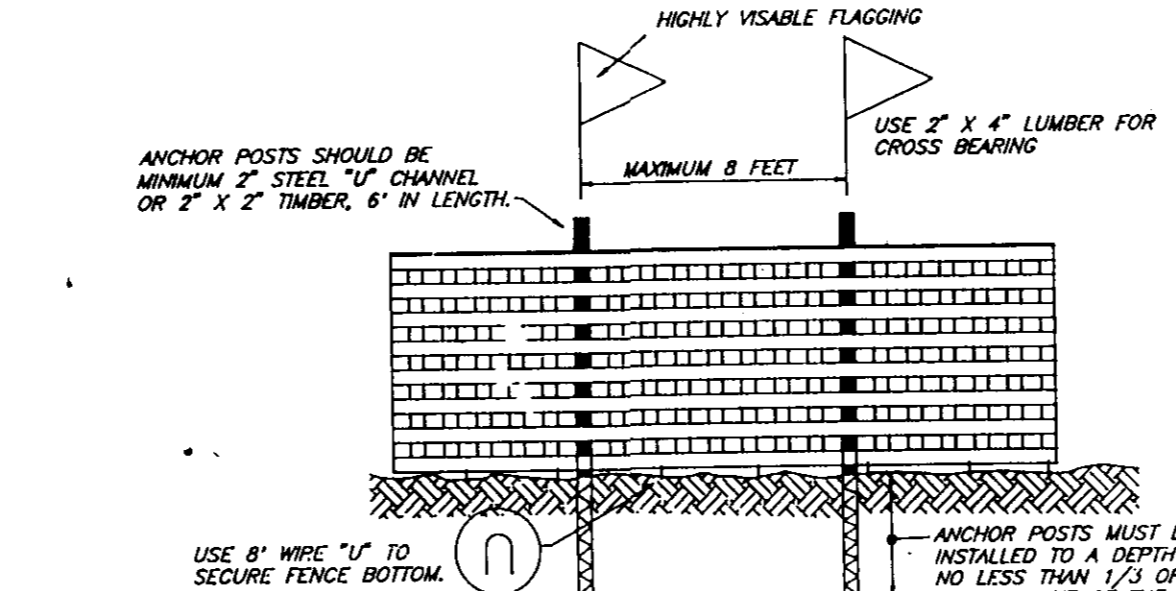
- CONSTRUCTION SPECIFICATIONS:**
- Stone size - Use 2" stone or reclaimed or recycled concrete equivalent.
  - Length - As required, but not less than 50 feet (exception on a single residence lot where a 30 foot minimum length would apply).
  - Thickness - Not less than 6" inches.
  - Width - Ten (10) 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 on 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 mounded berm with 5:1 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 cleanout of any impurities used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
  - Washing - 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.

**SINGLE LOT SEDIMENT CONTROL PLAN**  
NO SCALE



- CONSTRUCTION SPECIFICATIONS:**
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
  - Filter cloth to be fastened securely to woven wire fence with 1/2" spaced every 24" at top and mid section.
  - When 2 sections of filter cloth join each other they shall be interlapped by 6" and folded.
  - Maintenance shall be performed as needed and material removed when it begins to clog.

**SILT FENCE DETAIL (S)**  
NO SCALE



- CONSTRUCTION SPECIFICATIONS:**
- 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.

**BLAZE ORANGE PLASTIC MESH TYPICAL TREE PROTECTION FENCE DETAIL**  
NO SCALE

**PERMANENT SEEDING NOTES**

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

SEEDING PREPARATION: Loosen upper three inches of soil by raking, disking 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 800 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 600 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 creeping 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 unrotted 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**

SEEDING PREPARATION: Loosen upper three inches of soil by raking, disking 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 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 unrotted 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. (913-1855).
  - 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) 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:	5.34 AC
Area to be seeded or paved:	4.43 AC
Area to be vegetatively stabilized:	2.92 AC
Total Cut:	10550 CY
Total Fill:	1700 CY
  - 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 = **155 LF**
- \* 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	7
3. Install sediment and erosion control devices and stabilize	14
4. Excavate for foundations, rough grade and temporarily stabilize	60
5. Construct structures, sidewalks and driveways	30
6. Final grade and stabilize in accordance with Specs. and Specs.	30
7. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize	30

\*Delay construction of houses on lots 99 & 128. See single lot sediment control detail, this sheet.  
If houses on lots 99-99 are to be built on an as sold basis, single lot sediment control with sediment traps to be utilized.

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING  
 DATE: 8/24/95  
 DATE: 4/28/95  
 DATE: 4/17/95

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DATE: 2/6/95  
 DATE: 2/6/95

Reviewed for HOWARD S.C.D. Name and meets Technical Requirements  
 Signature: [Signature]  
 Date: 2/1/95  
 US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Signature: [Signature]  
 Date: 2/1/95

**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: Maurice M. Simpkins  
 Date: 7/8/94

**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: G. Nelson Clark  
 Date: 7/8/94

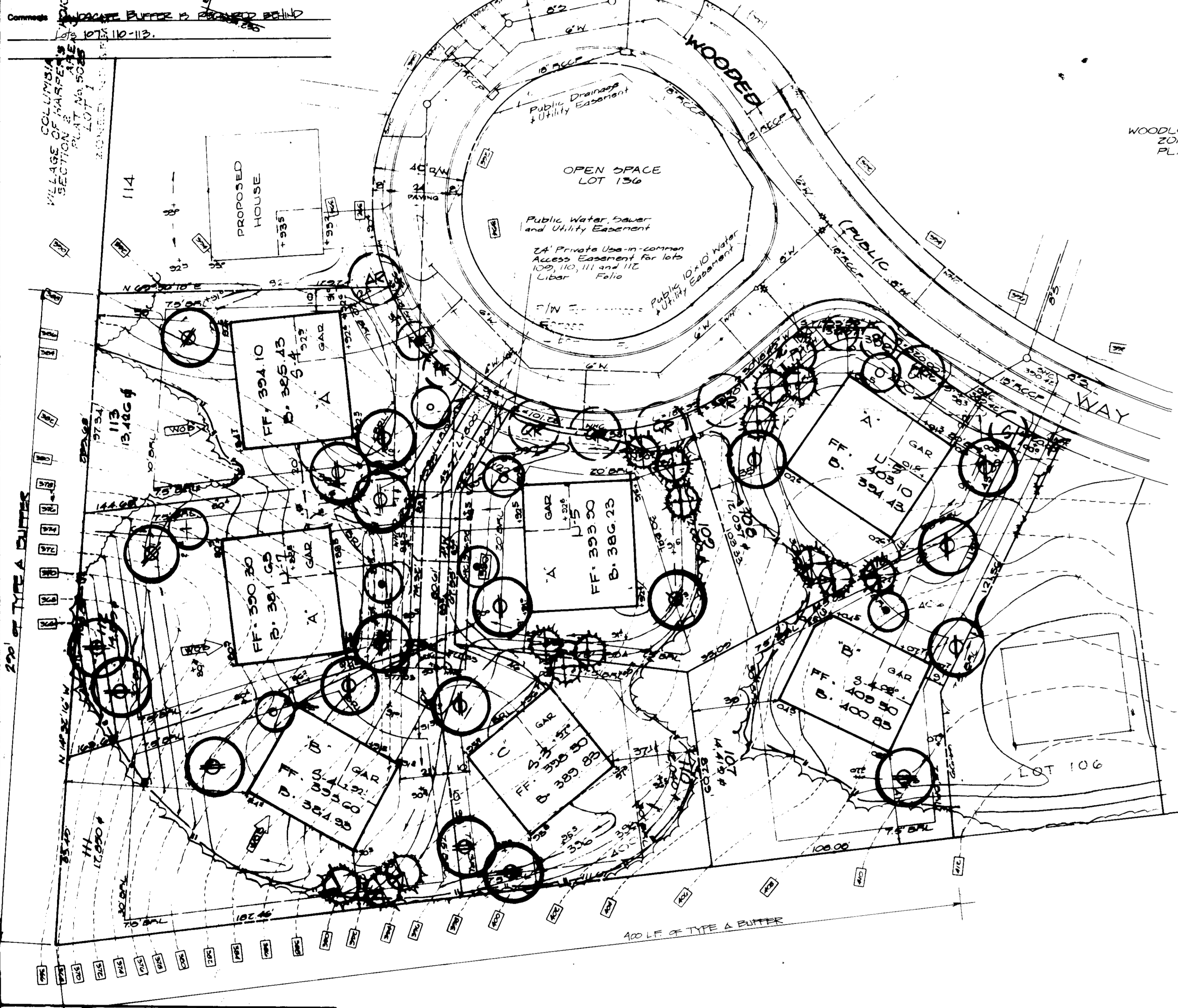


**CLARK • FINEFROCK & SACKETT, INC.**  
 ENGINEERS • PLANNERS • SURVEYORS  
 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.

DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN <b>WOODLOT</b> SECTION 2 LOT 93-99, LOT 107-112 & LOT 128-131 TAX MAP: N-25 PARCEL 365 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE AS SHOWN
DRAWN R.M.T.		DRAWING 50F 7
CHECKED J.L.S.		JOB NO. 93-104
DATE 1-24-95	FOR: THE RYLAND GROUP INC 7130 MINSTREL WAY, SUITE 215 COLUMBIA, MARYLAND 21045	FILE NO. 93-104SE

**SCHEDULE A**  
**PERIMETER LANDSCAPE EDGE**

Landscaping Type		A
Linear Feet of Perimeter		690 LF
Credits for Existing Vegetation (Yes, No, Linear Feet) (Specify below if needed)		470 LF
Credits for Wall, Fence or Barn (Yes, No, Linear Feet) (Specify below if needed)		
Number of Plants Required		4 SH
Number of Plants Provided		4 SH
Shade Trees		
Flowering/Evergreen Trees		
Other Trees (2:1 substitution)		
Shrubs (10:1 substitution)		
Specify plant substitution credits below if needed		



**PLANT SCHEDULE**

KEY	QTY	PLANT SPECIES	SIZE	REMARKS
⊙	20	ACER RUBRUM "OCTOBER GLORY" October Glory Red Maple	2 1/2-3" CAL 12-14' HT	B & B
⊙	19	QUERCUS PALUSTRIS Pin Oak	2 1/2-3" CAL 12-14' HT	B & B
⊙	13	ZELKOVA SERR. "VILLAGE GREEN" Village Green Zelkova	2 1/2-3" CAL 12-14' HT	B & B
<b>FLOWERING/EVERGREEN TREES</b>				
⊙	9	CORNUS FLORIDA "RUBRA" Pink Flowering Dogwood	2-2 1/2" CAL 8-10' HT	B & B
⊙	14	MAGNOLIA SOULANGIANA Saucer Magnolia	2-2 1/2" CAL 8-10' HT	B & B
⊙	12	PRUNUS SERRULATA "KWANZAN" Kwanzan Cherry	2-2 1/2" CAL 8-10' HT	B & B
⊙	13	PICEA ABIES Norway Spruce	6-8' HT	B & B
⊙	10	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
AS	ACER SACCHARUM "GREEN MOUNTAIN" Green Mountain Sugar Maple
MF	MALUS FLORIBUNDA "HARVEST GOLD" Harvest Gold Crabapple
PV	PRUNUS YEDOENSIS Yoshino Cherry
QR	QUERCUS RUBRA Red Oak
S	STYRAX JAPONICA Japanese Snowbell
ZS	ZELKOVA SERRATA Zelkova

**LANDSCAPE NOTES**

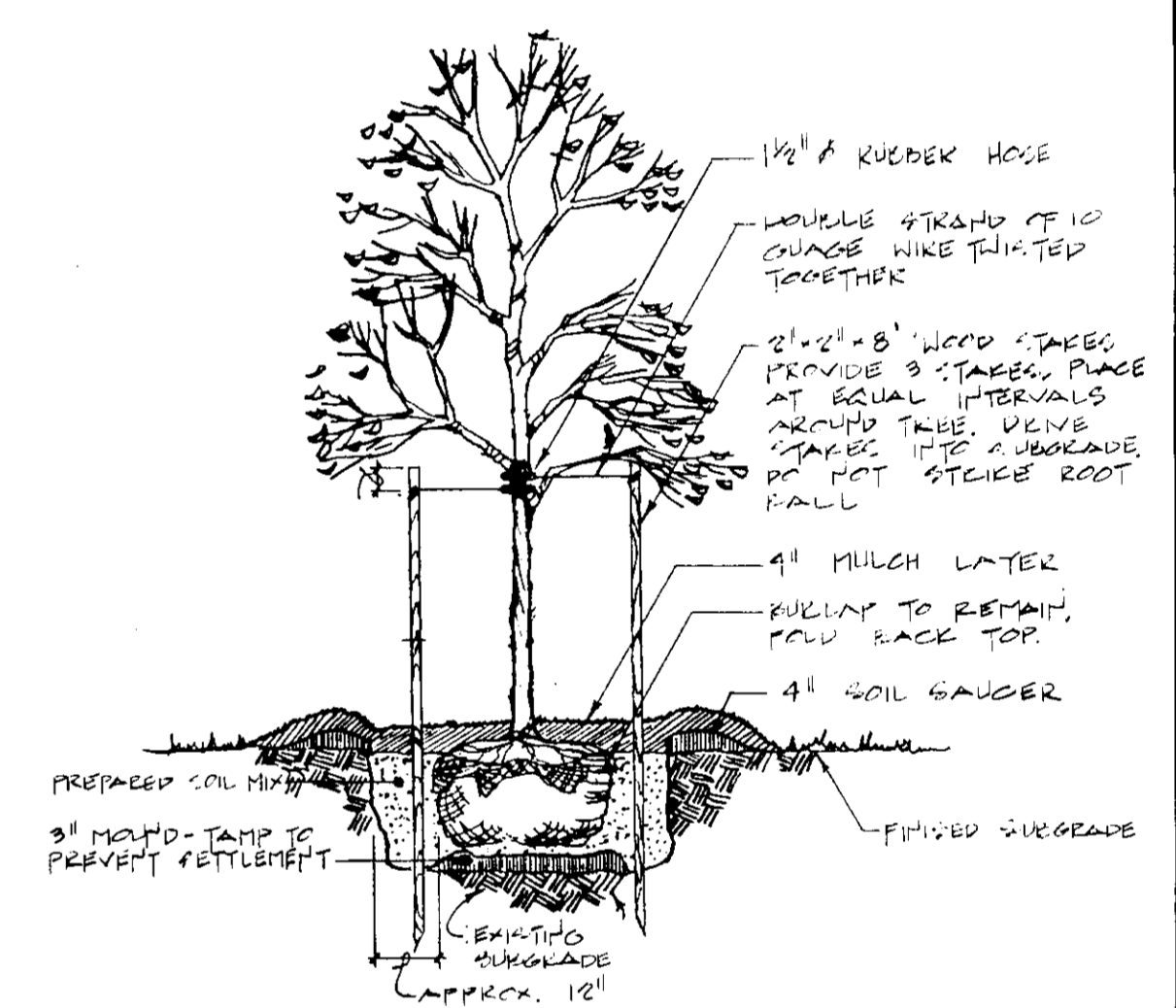
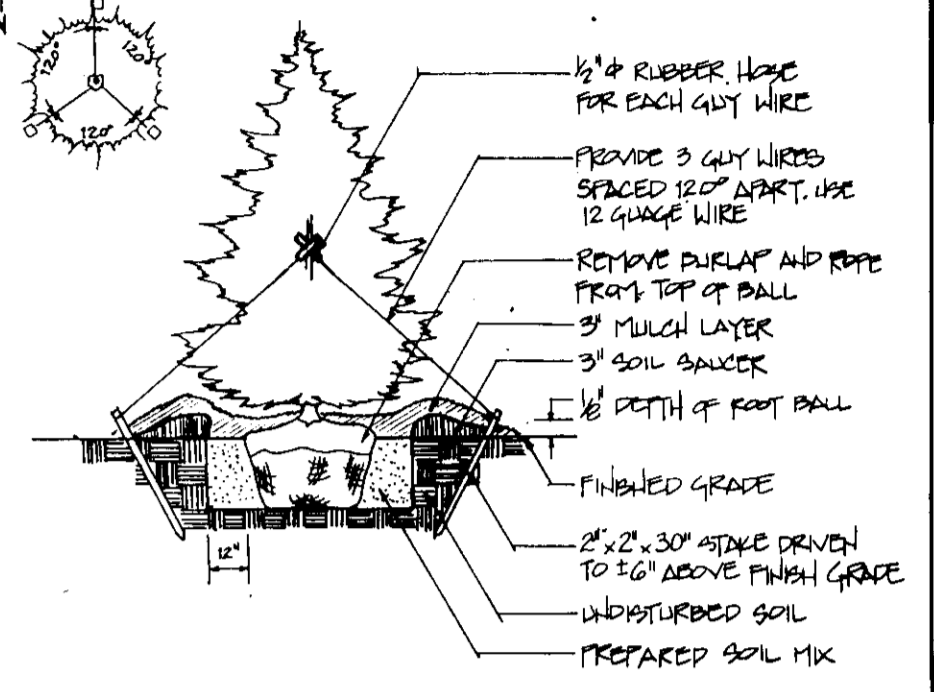
- All planting shall be done in accordance with "Exhibit G: Design Criteria" and "Exhibit H: Planting Standards" as included within Exhibit 24 of 2B 933M between the Citizens for Preserving the Harpers Choice Woodlands & Woodlot Enterprises, Inc.
- Contractor shall verify location of all underground utilities prior to digging.
- Final location of plant material may vary per final field conditions.

**LEGEND**

U = UNWOODED LOT  
S = SEMI-WOODED LOT  
W = WOODED LOT

**PLANTING REQUIREMENTS**

- NUMBER OF PLANTS REQUIRED BY THE HOWARD COUNTY LANDSCAPE MANUAL FOR LANDSCAPE BUFFER TYPE A = 4
- NUMBER OF PLANTS REQUIRED BY WOODLOT PLANTING STANDARDS (EXHIBITS G & H) = 81
- NUMBER OF PLANTS PROVIDED (Includes 8 plants required by Howard County Landscape Manual) (71 shade trees, 82 flowering/evergreen trees) = 81



**OWNER/DEVELOPER**  
WOODLOT ENTERPRISES, INC.  
% THOMAS SCRIVENER  
5026 DORSEY HALL DRIVE  
SUITE 204  
COLUMBIA, MD 21042

- NOTE:**
- This plan has been prepared in accordance with the provision of Section 16.124 of the Howard County Code and the Landscape Manual. Financial Surety for the required 4 landscape trees in the amount of \$400.00 is part of the building grading permit application.
  - All lots are subject to compliance with "Exhibit G: Design Criteria" and "Exhibit H: Planting Standards" as included within Exhibit 24 of 2B 933M.

SUBDIVISION NAME	SECTION/AREA	LOTS/PARCELS
WOODLOT	Section 2	93 thru 113
PLAT NO.	ZONE	DISTRICT
116-26	A-12	15th
WATER CURVE	SEWER CURVE	
1103	5587900	

**APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING**

*[Signature]* 4/21/95  
DATE

*[Signature]* 4/20/95  
DATE

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

*[Signature]* 2/9/95  
DATE

*[Signature]* 2/6/95  
DATE



**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS  
2130 MINISTREL WAY • COLUMBIA, MD 21045 • (410) 583-7000 • FAX: (410) 583-7001

DESIGNED	MJP	SCALE
DRAWN <td>MJP <td>1"=30'</td> </td>	MJP <td>1"=30'</td>	1"=30'
CHECKED <td>WHT <td>DRAWING</td> </td>	WHT <td>DRAWING</td>	DRAWING
DATE <td>1-24-95 <td>6 of 7</td> </td>	1-24-95 <td>6 of 7</td>	6 of 7
		JOB NO.
		92-104

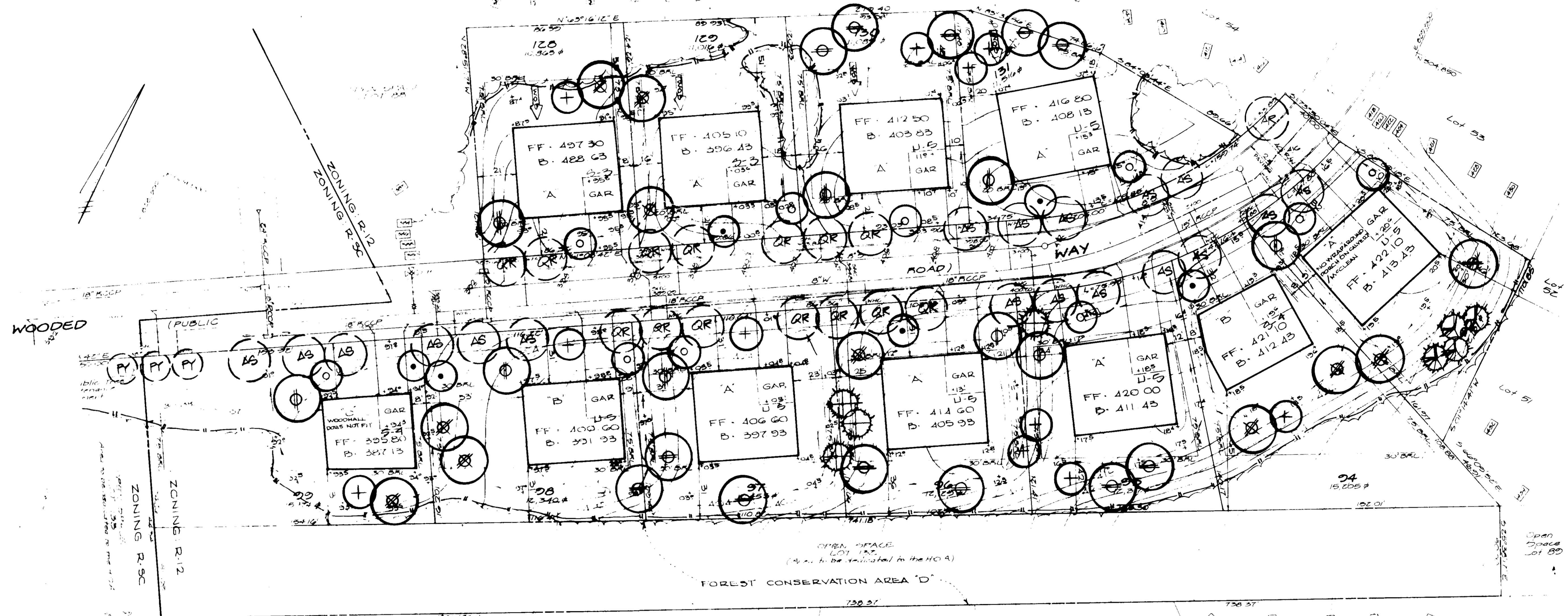
**LANDSCAPE PLANTING PLAN**  
**WOODLOT**  
SECTION 2  
Lots 93-99, 107-113, 128-131

TAX MAP NO. 25 PARCELS 93-99  
15th COLLECTION DISTRICT  
HOWARD COUNTY, MARYLAND

The Ryland Group, Inc.  
7150 Ministrel Way Ste. 215  
Columbia, MD 21045

SDP-94-81

WOODLOT - SECTION  
ZONING R-12  
PLAT No.



LOT 176  
VILLAGE OF HARRIS'S CHOICE  
SWANSFIELD  
SECTION 2 AREA 1  
PLAT BOOK 15 FOLIO 52

OWNER/DEVELOPER  
WOODLOT ENTERPRISES, INC.  
13 THOMAS SURVENER  
1721 DORSEY HALL DRIVE  
SUITE 204  
COLUMBIA MD 21042

LOT 177  
VILLAGE OF HARRIS'S CHOICE  
SWANSFIELD  
SECTION 2 AREA 1  
PLAT BOOK 15 FOLIO 52

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

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING  
DIRECTOR: *[Signature]* DATE: 8/24/95  
DATE: 4/20/95  
T.C. DATE: 4/17/95

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DIRECTOR: *[Signature]* DATE: 2/9/95  
DATE: 2/6/95  
CHIEF BUREAU OF ENGINEERING: *[Signature]*



<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7150 MINOTRAL WAY • COLUMBIA, MD 21042 • (410) 321-8000 • FAX (410) 321-8001 • 800-541-8000 • WASH.		
DESIGNED MJP	<b>LANDSCAPE PLANTING PLAN</b> <b>WOODLOT</b> <b>SECTION 2</b> Lots 93-99, 107-113, 120-131	SCALE 1"=30'
DRAWN MJP		7 of 7
CHECKED WHT	TAX MAP No 29 PARCEL #363 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 93-104
DATE 1-24-95		THERLAND GROUP, INC. 7150 Minotral Way, Suite 210 Columbia, Maryland 21045