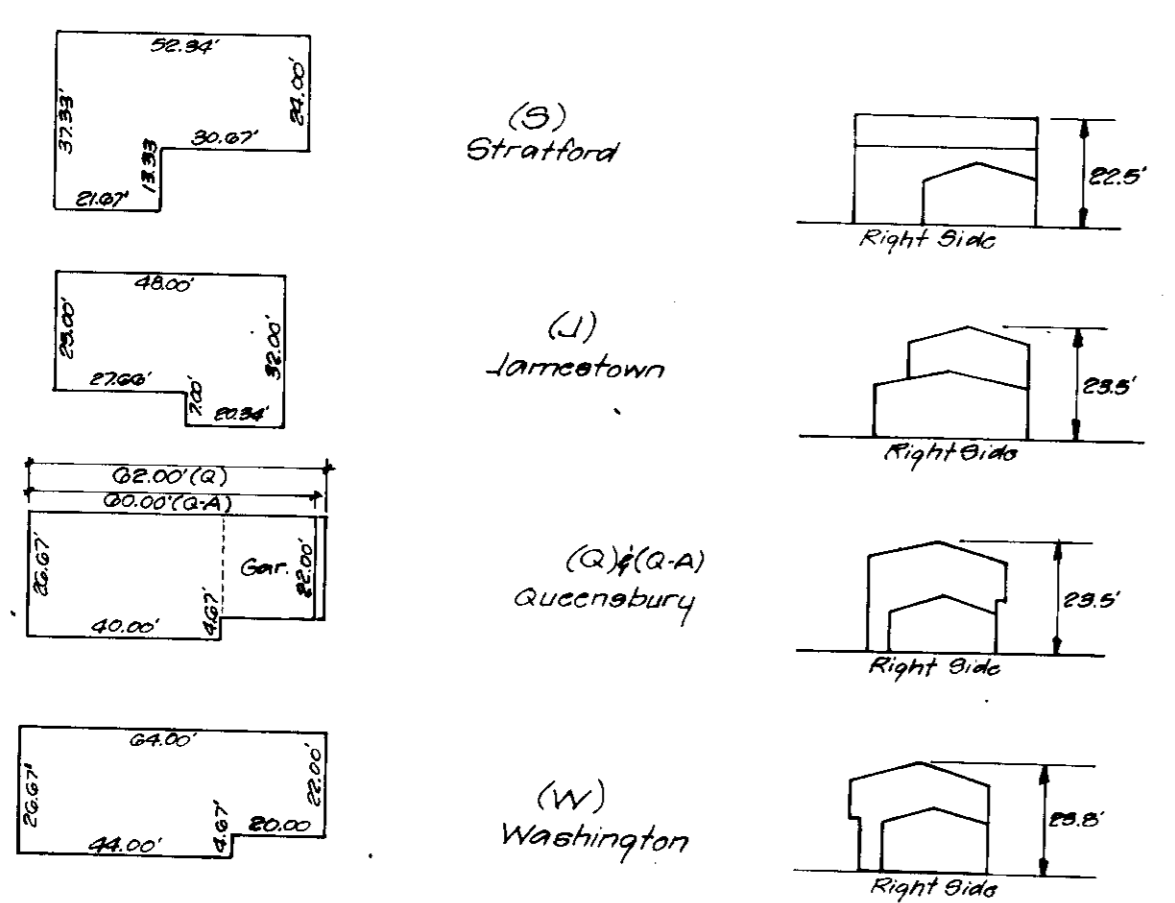


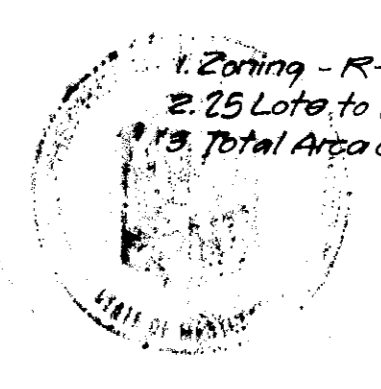
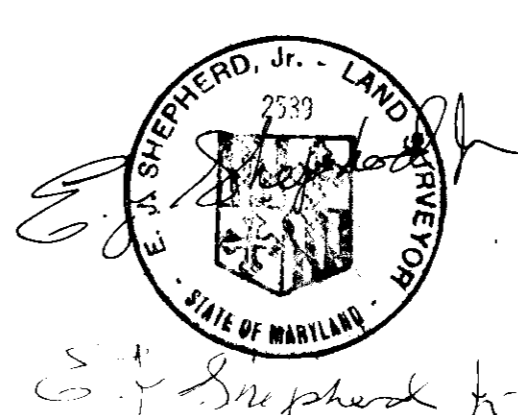
NOTE:
LOT 10 DRAINAGE EASEMENT NOT REQUIRED PER CONVEGATION WITH MEL LORIA BIZARTS PROVIDED THAT NO MORE THAN REAR AND SIDE OF LOT 10 MAY DRAIN ACROSS LOT 10 AND SWALE C MUST BE AT LEAST 30' FROM HOUSE ON LOT 10

PLEASE NOTE THAT ALL OF THESE LOTS HAVE BEEN RECORDED #4064



APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 9-4-79

Note:
8-10 Willow Oaks planted 40' O.C. on lot frontages



- GENERAL NOTES
1. Tax Map No. 30.
 2. Lots 10 thru 13 incl only to be developed by this plan, tot area equals 78,207 sq. ft. (1.766 ac.).
 3. Public Water and Sewer to be utilized.
 4. All Coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum 1929.
 5. All Driveways to be built as per Howard Co. Road Construction Code Drawings D-34, Page 63.
 6. For Bearings and Distances of Individual Lot Lines see Record Plat #4064.
 7. Vehicular Ingress and Egress is Restricted to Summer Hollow Lane.
 8. Topographic Data (EX), taken from plan KIDDE CONSULTANTS, Inc. and dated Sept. 1978.
 9. All Streets and Utilities previously approved and in place.
 10. Ex. Water and Sewer, as shown, are as per Howard County Dept. of Public Works Contract No. 2771-D-W&S.
 11. Any Damage to County-owned Rights-of-Way shall be corrected at Developer's expense. All materials and construction shall be in accordance with Howard County Road Construction Code.
 12. Water House Connections (WHC) to be 3/4" P.V.C. Soil Pipe. Sewer House Connections (SHC) to be 3/8" Cast Iron Pipe.

- SITE ANALYSIS
1. Zoning - R-12
 2. 25 Lots to be Developed by this plan.
 3. Total Area of Lots to be Developed equals 8,226 sq. FEET

Owner/Developer
Washington Homes, Inc.
6192 Oxon Hill Road
Suite 400
Oxon Hill, MD. 20021

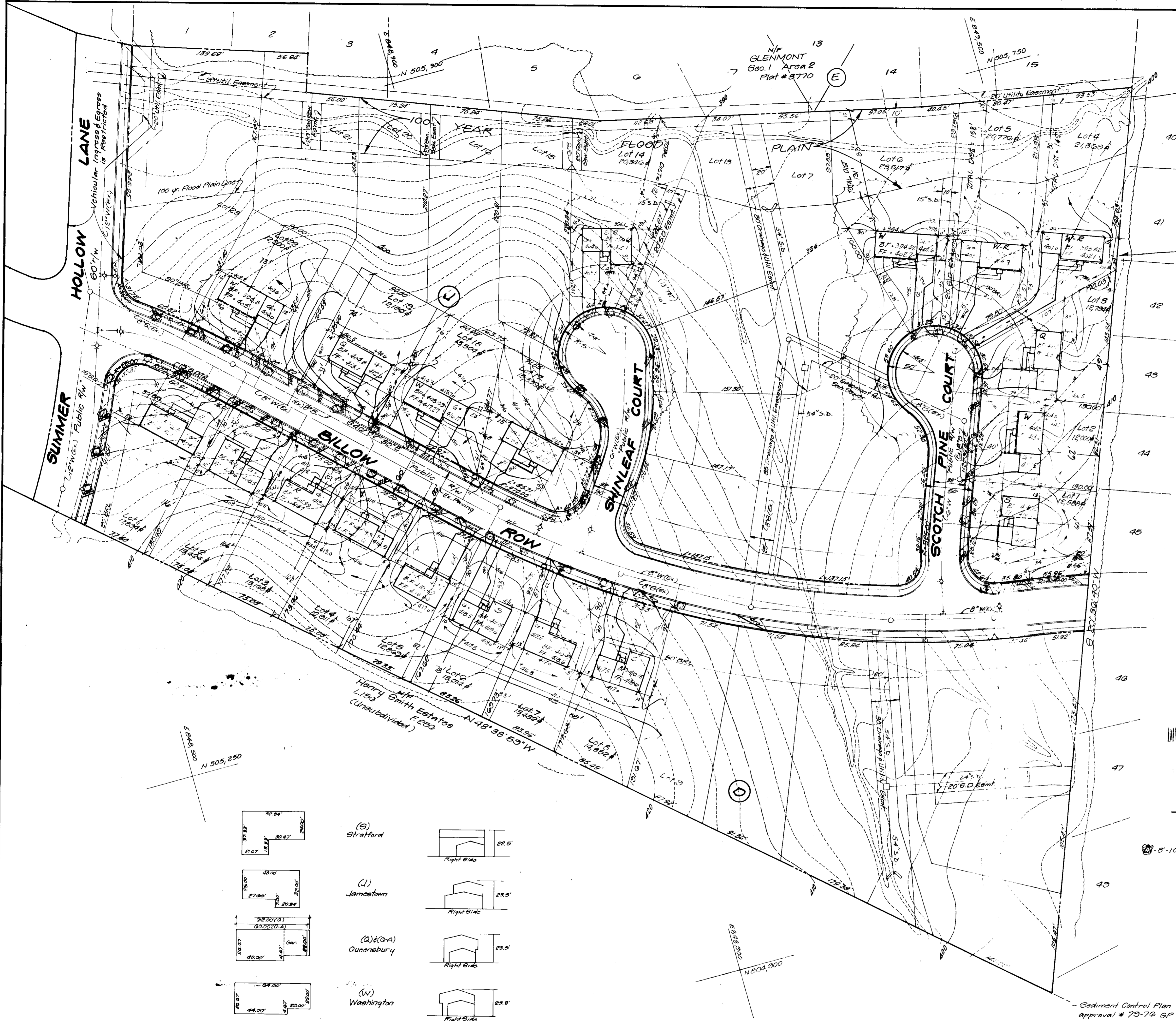
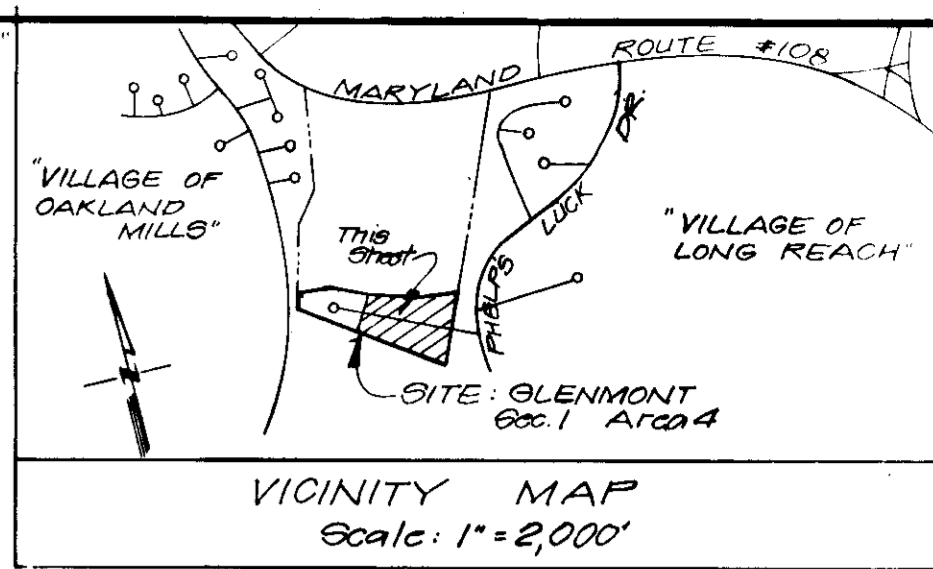
APPROVED For Public Water and Public Sewerage Systems, Howard County Health Department George M. Boyd, M.D. for P.E. 9-28-79 County Health Officer Date	APPROVED Howard County Office of Planning and Zoning Thomas J. Hanig, 10-1-79 Planning Director Date	APPROVED For Public Water, Public Sewerage and Storm Drainage Systems and Roads Howard County Department of Public Works Joseph E. Nunnally, 9-16-79 Director Date	APPROVED Joseph E. Nunnally, 9-26-79 Chief, Bureau of Engineering Date
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Blk. C, Lots 10-15; Blk. D, Lots 1-8;
Blk. J, Lots 1-6, 14, 17-19, 22
GLENMONT
SECTION 1
ELECTION DISTRICT 6, HOWARD COUNTY, MD.

SITE DEVELOPMENT PLAN
SCALE: 1" = 50'

Revisions 1/19/79 2/16/79	INDS The International PLANNING & DESIGN STUDIO, LTD. Engineers • Architects • Surveyors Planners • Landscape Architects	800 Stags Avenue Silver Spring, Md. 20910 (301) 585-5619 (301) 585-5619	SHEET 1 OF 6
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SDP-80-08



NOTE: DRAINAGE EASEMENTS ARE NOT REQUIRED FOR LOT 4 & 5 PER CONVERSION WITH MEL LORIA 8/24/79 PROVIDED THAT ONLY A PORTION (REAR) OF LOT 3 AND THE FRONT OF LOT 4 (TOTAL AREA OF ± 8,000 SF) FLOWS TO THE REAR OF LOT 5. PLEASE NOTE THAT THESE LOTS ARE PREVIOUSLY RECORDED

N/E VILLAGE OF LONGREACH
Sec. 8 Area 1
P.B. 8 F.40

GENERAL NOTES

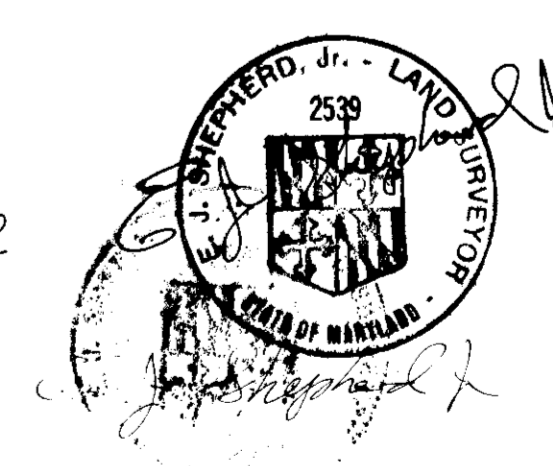
1. Tax Map No. 50
2. Lots 1-8, Block 'D', 1-6, 14, 17-19 & 22, Blk. 'J' only to be developed by this plan. Total Area to be developed equals 287,838 sq. ft. (6.61 ac.)
3. Public Water and Sewer to be utilized.
4. All Coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum 1929.
5. All Driveways to be built as per Howard County Road & Code Drawings D-31, Page 83.
6. For Bearings and Distances of Individual Lot Lines see Plat # 4064.
7. Vehicular Ingress and Egress is Restricted to Summer Lane, Hollow Lane, & Topographic Data (EX) taken from plan by KIDDE CONSULTANTS, Inc. and Dated Sept. 1976.
8. All Streets and Utilities previously approved and in place.
9. Ex. Water and Sewer, as shown, areas per Howard County Dept of Public Works Contract No. 2771-D-W45.
10. Any Damage to County-owned Rights-of-Way shall be corrected at Developer's expense. All materials and construction shall be in accordance with Howard County Road Construction Code.
11. Water House Connections (WHC) to be 34" P.V.C. Soil Pipe. Sewer House Connections (SHC) to be 3/8" Cast Iron Pipe.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 9-4-79
[Signature]

Note:
8'-10' Willow Oaks planted 40' OC on lot frontages.

SITE ANALYSIS

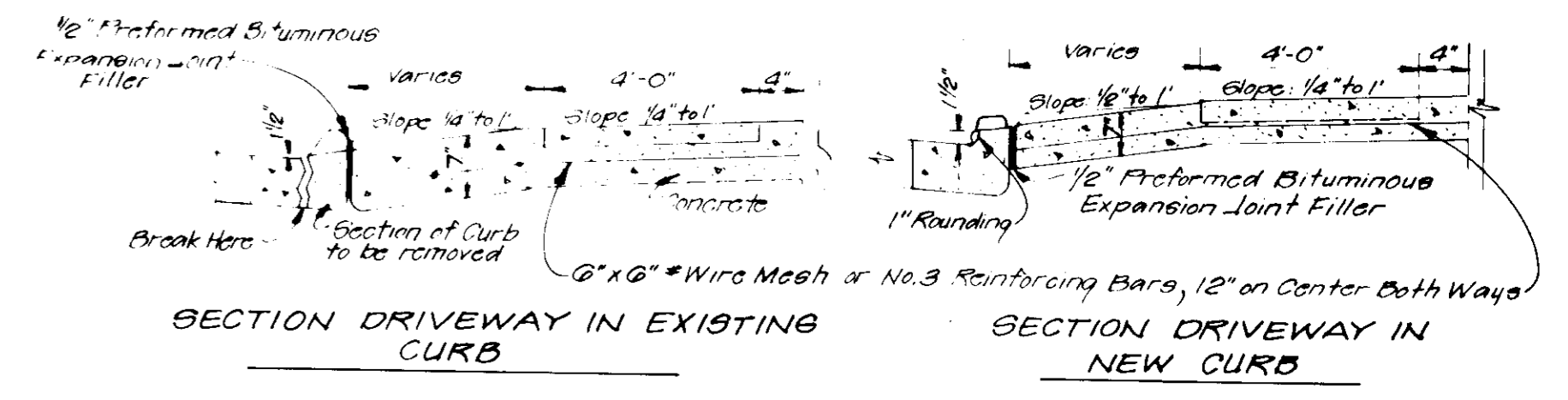
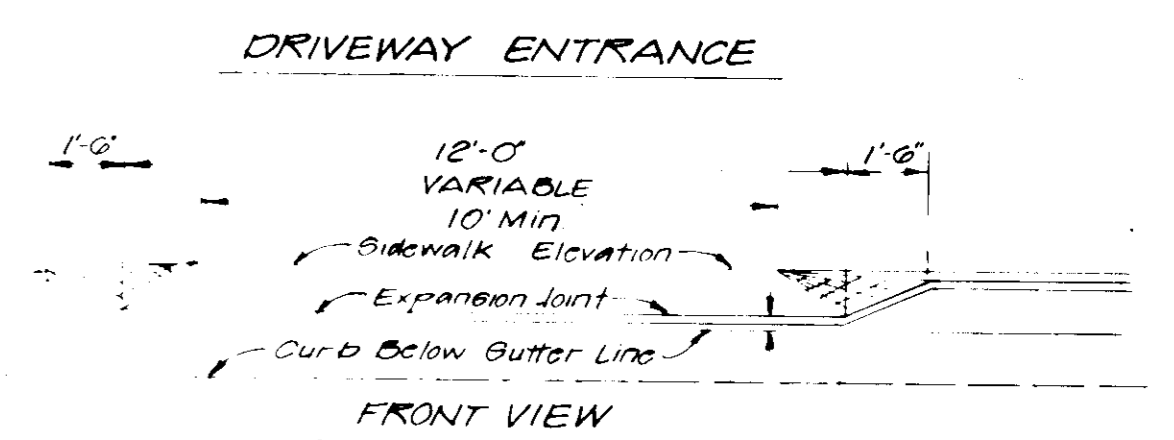
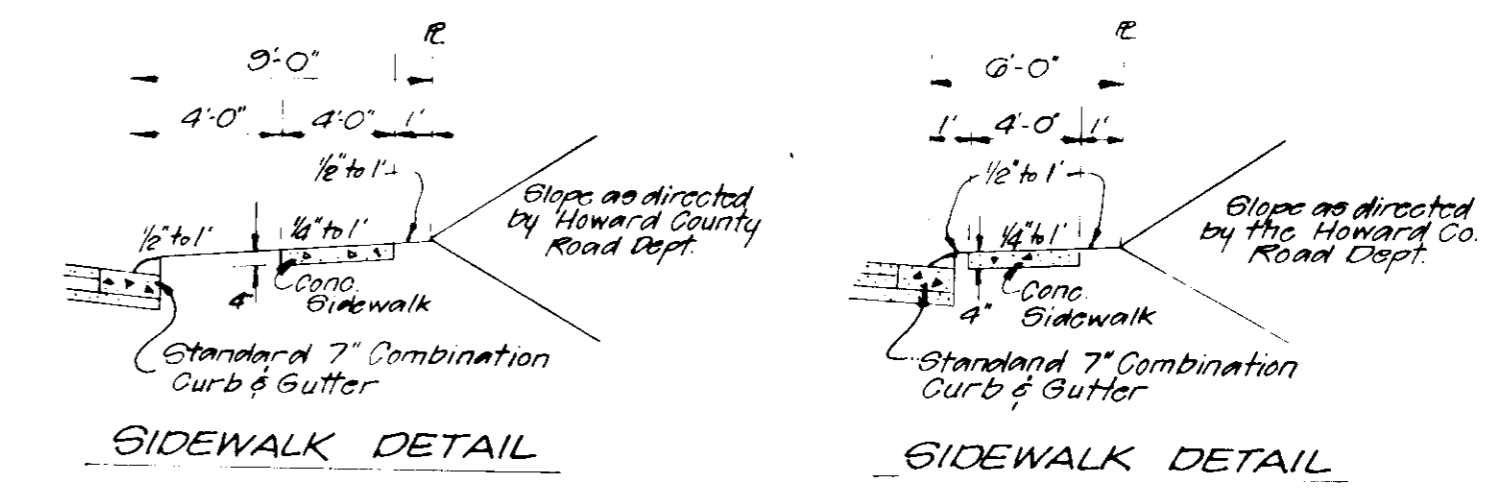
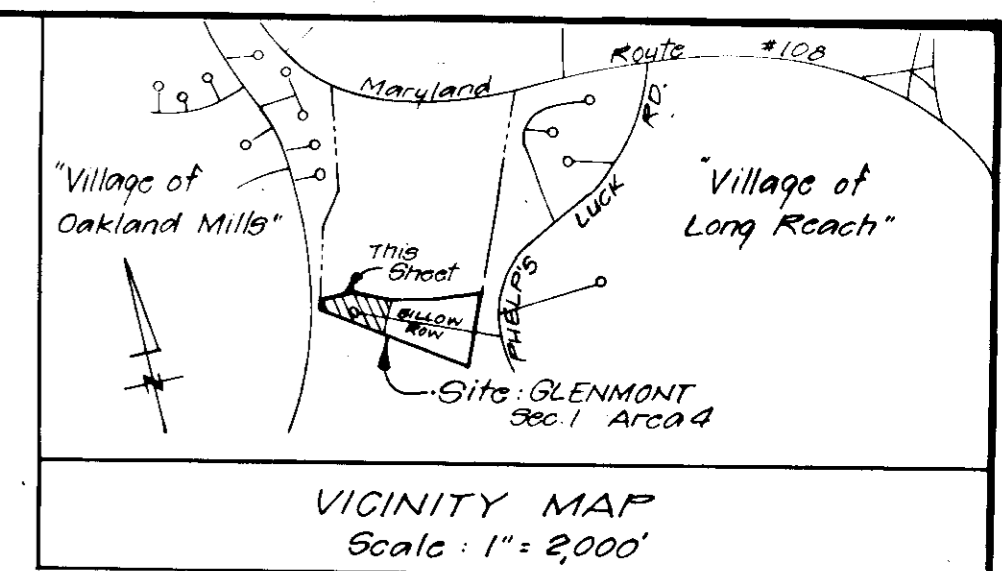
1. Zoning - R-12.
2. Lots only to be developed by this plan.
3. Total Area of Lots to be developed equals 287,838 sq. ft.



Owner/Developer
Washington Homes, Inc.
619E Oxon Hill Road
Suite 400
Oxon Hill, Md. 20021

	(E) Stratford		28.5'
	(L) Jamestown		28.5'
	(Q) & (Q-A) Quincebury		28.5'
	(W) Washington		28.8'

APPROVED For Public Water and Public Sewerage Systems, Howard County Health Department <i>[Signature]</i> Date: <u>9-28-79</u>	APPROVED: Howard County Office of Planning and Zoning <i>[Signature]</i> Date: <u>10-1-79</u>	APPROVED For Public Water, Public Sewerage and Storm Drainage Systems and Roads, Howard County Department of Public Works <i>[Signature]</i> Date: <u>9-24-79</u>	APPROVED For Public Water, Public Sewerage and Storm Drainage Systems and Roads, Howard County Department of Public Works <i>[Signature]</i> Date: <u>9-24-79</u>	Blk. C, Lots 10-15; Blk. D, Lots 1-8; Blk. J, Lots 1-6, 14, 17-19, 22 GLENMONT SECTION 1 AREA 4 ELECTION DISTRICT 6 HOWARD COUNTY, MD.	SITE DEVELOPMENT PLAN SCALE: 1" = 50'	Revised: 10/1/79 2/14/79 9/1/79	802 Sago Avenue Silver Spring, Md. 20910 (301) 585-5410 PLANNING & DESIGN STUDIO, LTD. Engineers • Architects • Surveyors Planners • Landscape Architects	SHEET 2 OF 5
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"I certify that this plan for erosion and sediment 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."

E.J. Shephard, Jr.
 Registration No. 2539 MD
 E. J. SHEPHARD, JR.
 June 7, 1979
 Date

"I certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

Stanley B. Miller, Jr. for Production Manager 6-7-79
 Date

GENERAL NOTES

1. Tax Map No. 30.
2. Lots 10 thru 15 incl. only to be developed by this plan, total area equals 72,267 sq. ft. (1.66 ac.).
3. Public Water and Sewer to be utilized.
4. All Coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum 1929.
5. All Driveways to be built as per Howard Co. Road Construction Code Drawings D-31, Page 89.
6. For Bearings and Distances of Individual Lot Lines see Record Plat #4064.
7. Vehicular Ingress and Egress is Restricted to Summer Hollow Lane.
8. Topographic Data (EX), taken from plan KIDDE CONSULTANTS, INC. and Dated Sept. 1978.
9. All Streets and Utilities previously approved and in place.
10. Ex. Water and Sewer, as shown, are as per Howard Co. Dept. of Public Works Contract No. 2771-D-W-85.
11. Any Damages to County-owned Rights-of-Way shall be corrected at Developer's expense. All materials and construction shall be in accordance with Howard County Road Construction Code.

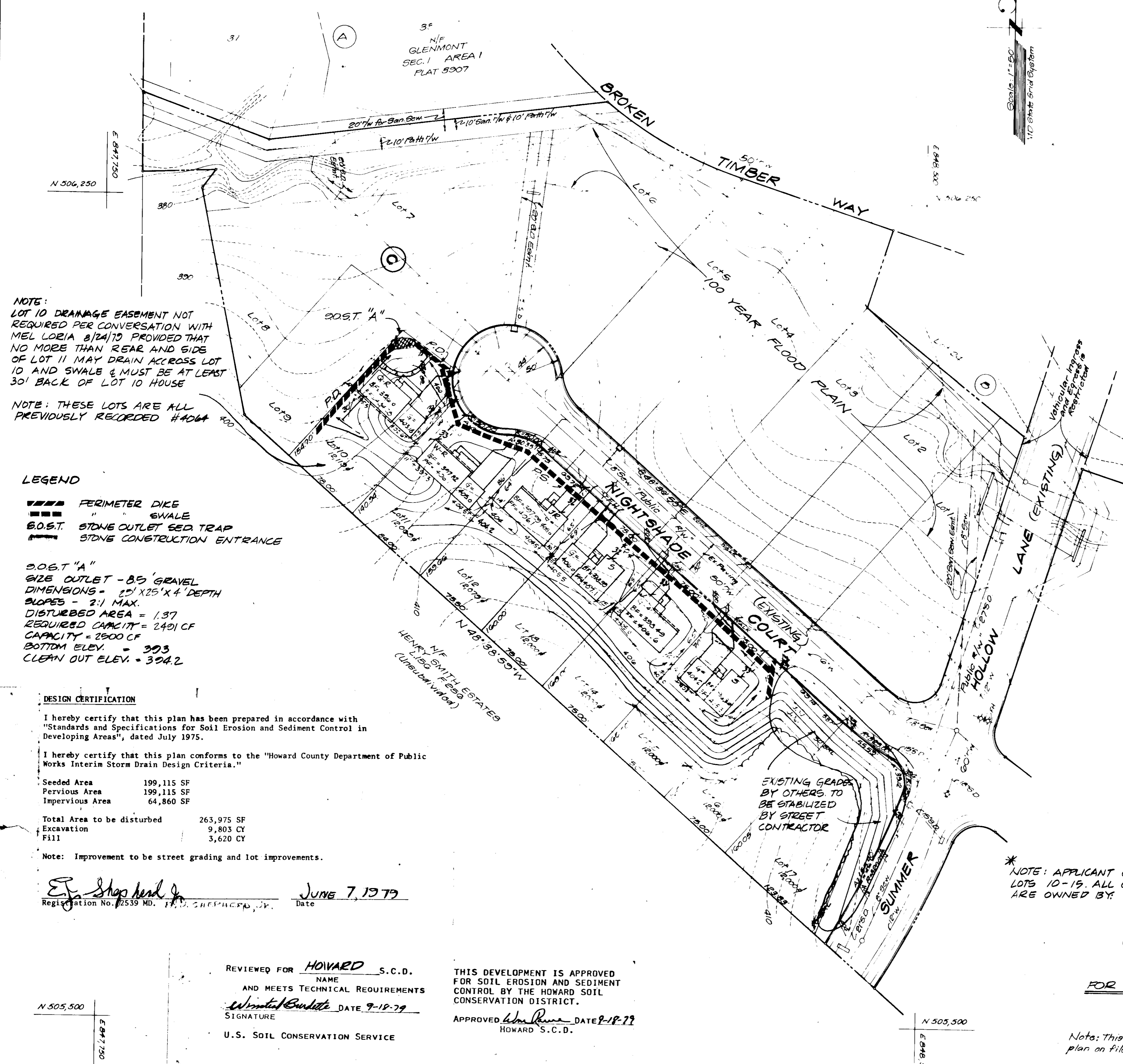
APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 9-4-79
[Signature]

FOR DETAILS & CERTIFICATIONS SEE SHEET 30FB

Note: This Sediment Control Plan is the same as approved plan on file with S.O.S. Plan approval # 7276 GP.



SITE ANALYSIS
 1. Zoning - R-12
 2. G. Lots to be Developed by this plan.
 3. Total Area of Lots to be Developed equals 72,267 sq. ft. (1.66 ac.)
 * Owner/Developer
 Washington Homes, Inc.
 9132 Oxon Hill Road
 Suite 400
 Oxon Hill, MA 20021
 BOUNDARY AND TOPO BY OTHERS



NOTES:
 LOT 10 DRAINAGE EASEMENT NOT REQUIRED PER CONVERSATION WITH MEL LORIA 8/24/79 PROVIDED THAT NO MORE THAN REAR AND SIDE OF LOT 11 MAY DRAIN ACROSS LOT 10 AND SWALE & MUST BE AT LEAST 30' BACK OF LOT 10 HOUSE
 NOTE: THESE LOTS ARE ALL PREVIOUSLY RECORDED #4064

LEGEND
 PERIMETER DIKE
 SWALE
 S.O.S.T. STONE OUTLET SED. TRAP
 STONE CONSTRUCTION ENTRANCE

S.O.S.T. "A"
 SIZE OUTLET - 8" SWALE
 DIMENSIONS - 25' X 25' X 4' DEPTH
 SLOPES - 2:1 MAX.
 DISTURBED AREA = 1.37
 REQUIRED CAPACITY = 2491 CF
 CAPACITY = 2900 CF
 BOTTOM ELEV. = 30.3
 CLEAN OUT ELEV. = 304.2

DESIGN CERTIFICATION
 I hereby certify that this plan has been prepared in accordance with "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas", dated July 1975.
 I hereby certify that this plan conforms to the "Howard County Department of Public Works Interim Storm Drain Design Criteria."

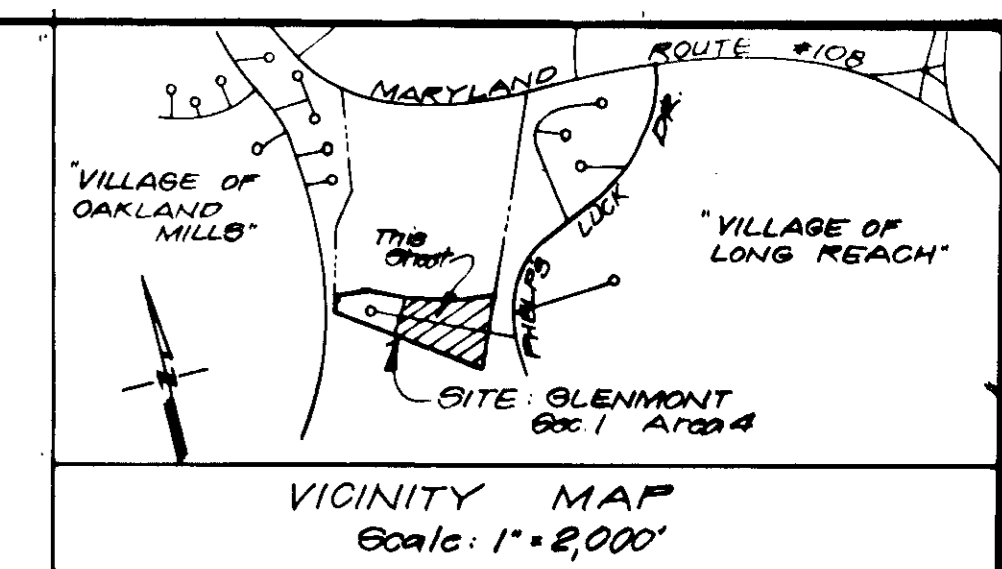
Seeded Area 199,115 SF
 Pervious Area 199,115 SF
 Impervious Area 64,860 SF
 Total Area to be disturbed 263,975 SF
 Excavation 9,803 CY
 Fill 3,620 CY

Note: Improvement to be street grading and lot improvements.
E.J. Shephard, Jr.
 Registration No. 2539 MD
 June 7, 1979
 Date

REVIEWED FOR HOWARD S.C.D. NAME AND MEETS TECHNICAL REQUIREMENTS
Wendell B. Smith DATE 9-12-79
 SIGNATURE
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED *John R. Rouse* DATE 8-18-79
 HOWARD S.C.D.

APPROVED FOR Public Water and Public Sewerage Systems Howard County Health Department <i>James M. Boyd, Jr.</i> AD-PR-104 9-28-79 County Health Officer	APPROVED Howard County Office of Planning and Zoning <i>James M. Boyd, Jr.</i> 10-1-79 Planning Director	APPROVED for Public Water, Public Sewerage and Storm Drainage Systems and Road Howard County Department of Public Works <i>James M. Boyd, Jr.</i> 9-26-79 Chief, Bureau of Engineering	APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROAD Bk C, Lots 10-15, Bk D, Lots 1-8 Bk J, Lots 1-6, 14, 17-19, 22 GLENMONT SECTION 1 AREA 4 ELECTION DISTRICT G, HOWARD COUNTY, MD.	SEDIMENT CONTROL PLAN SCALE: 1" = 50'	800 Silver Spring Rd Silver Spring, MD 20910 (301) 585-5676 The Interprofessional PLANNING & DESIGN STUDIO, LTD. Engineers - Architects - Surveyors - Planners & Landscape Architects	SHEET 3 OF 5
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DESIGN CERTIFICATION

I hereby certify that this plan has been prepared in accordance with "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas", dated July 1975.

I hereby certify that this plan conforms to the "Howard County Department of Public Works Interim Storm Drain Design Criteria."

Sepaled Area 199,115 SF
 Pervious Area 199,115 SF
 Impervious Area 64,860 SF

Total Area to be disturbed 263,975 SF
 Excavation 9,803 CY
 Fill 5,620 CY

Note: Improvement to be street grading and lot improvements.

E. J. Shepherd, Jr.
 Registration No. 2539 MD. Date June 7, 1979
 E. J. SHEPHERD, JR.

"I certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

Jasper B. Miller, Jr. Production Manager 6-7-79
 Date

NOTE: APPLICANT ONLY OWNS LOTS SHOWN WITH PROPOSED HOUSES & GRADING. ALL OTHER LOTS ARE OWNED BY
 ROE ROBERTS
 BALTIMORE FEDERAL SAVINGS & LOAN
 BALTIMORE MD
 685-7000

STREETS ARE EXISTING

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 9-4-79
[Signature]

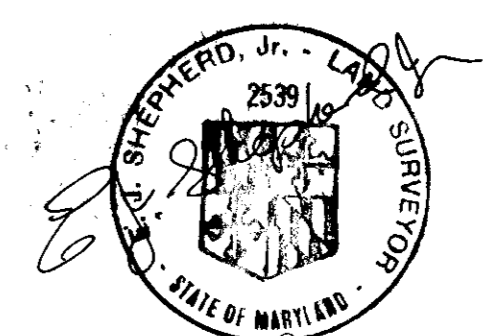
Note: This Sediment Control Plan is same as approved plan on file with S.C.S. Plan approval # 75-766P.

GENERAL NOTES

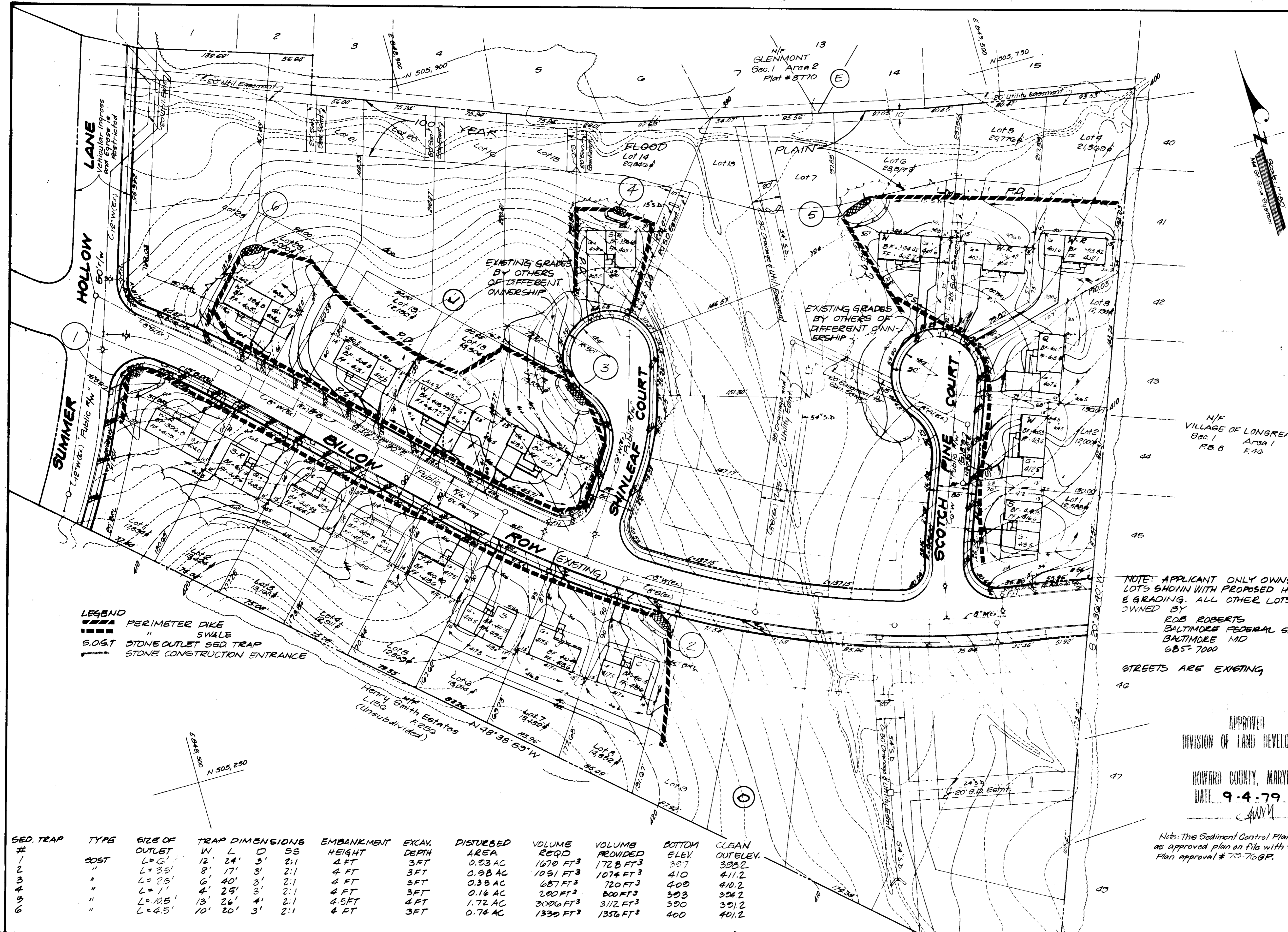
1. Tax Map No. 80
2. Lots 1-8, Block D; 1-G, 14, 17-19 # 22, Blk. J only to be developed by this plan. Total Area to be developed equals 287,638 sq. ft. (6.60 ac.)
3. Public Water and Sewer to be utilized.
4. All Coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum 1929.
5. All Driveways to be built as per Howard County Road Construction Code Drawings D-34, Page 63.
6. For Bearings and Distances of Individual Lot Lines see Record Plat # 4064.
7. Vehicular Ingress and Egress is Restricted to Summer Hollow Lane.
8. Topographic Data (Ex) taken from plan by KIDDE CONSULTANTS, Inc. and Dated Sept. 1978.
9. All Streets and Utilities previously approved and in place.
10. All Ex. Water and Sewer, as shown, are as per Howard Co. Dept. of Public Works Contract No. 2771-D-W-88.
11. Any Damage to County-owned Rights-of-Way shall be corrected at Developer's expense. All materials and construction shall be in accordance with Howard County Road Construction Code.

SITE ANALYSIS

1. Zoning - R-12
2. 19 Lots only to be developed by this plan.
3. Total Area of Lots to be developed equals 287,638 sq. ft. (6.60 ac.)



Owner/Developer
 Washington Homes, Inc.
 6132 Oxon Hill Road
 Suite 400
 Oxon Hill, MD 20021



LEGEND

- PERIMETER DIKE
- SWALE
- STONE OUTLET SED TRAP
- STONE CONSTRUCTION ENTRANCE

SED. TRAP #	TYPE	SIZE OF OUTLET	TRAP DIMENSIONS W L D	EMBANKMENT HEIGHT	EXCAV. DEPTH	DISTURBED AREA	VOLUME REQD	VOLUME PROVIDED	BOTTOM ELEV.	CLEAN OUTELEV.
1	"	L=6'	12' 24' 3'	2:1 4 FT	3 FT	0.23 AC	1679 FT ³	1728 FT ³	397	320.2
2	"	L=35'	8' 17' 3'	2:1 4 FT	3 FT	0.28 AC	1821 FT ³	1728 FT ³	410	411.2
3	"	L=25'	6' 40' 3'	2:1 4 FT	3 FT	0.38 AC	687 FT ³	720 FT ³	400	410.2
4	"	L=1'	4' 25' 4'	2:1 4 FT	3 FT	0.16 AC	200 FT ³	200 FT ³	303	304.2
5	"	L=10.5'	13' 26' 4'	2:1 4.5 FT	4 FT	1.72 AC	3006 FT ³	3112 FT ³	330	331.2
6	"	L=4.5'	10' 20' 3'	2:1 4 FT	3 FT	0.74 AC	1330 FT ³	1356 FT ³	400	401.2

REVIEWED FOR HOWARD S.C.D. NAME AND MEETS TECHNICAL REQUIREMENTS
Wendell B. Little DATE 9-12-79
 SIGNATURE U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED *W. R. Rame* DATE 2-18-79
 HOWARD S.C.D.

"I certify that this plan for erosion and sediment 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."
E. J. Shepherd, Jr. DATE June 7, 1979
 Registration No. 2539 MD. Date

APPROVED for Public Water and Sewer <i>Wendell B. Little</i> DATE <u>9-28-79</u> Chief, Bureau of Engineering	APPROVED Howard County Office of Planning and Zoning <i>Shirley M. Muehlman</i> DATE <u>10-1-79</u> Chief, Division of Land Development	APPROVED for Public Water, Public Sewerage and Storm Drainage Systems and Road County Department of Public Works <i>John F. Nunnery</i> DATE <u>9-28-79</u> Director	APPROVED for Public Water, Public Sewerage and Storm Drainage Systems and Road County Department of Public Works Bldg. C, Lots 10-15; Bldg. D, Lots 1-8; Bldg. J, Lots 1-6, 14, 17-19, 22 GLENMONT SECTION 1 AREA 4 ELECTION DISTRICT G, HOWARD COUNTY, MD.	SEDIMENT CONTROL PLAN SCALE: 1"=50'	REVISIONS 5/21/79 THW 6/7/79 THW 8/24/79	802 Sixty Avenue Silver Spring, MD 20910 (301) 585-0678 PLANNING & DESIGN STUDIO, LTD. Engineers • Architects • Surveyors Planners & Landscape Architects	SHEET 4 OF 5
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GENERAL NOTES FOR STORM DRAIN CONSTRUCTION

- Storm drains shall be constructed in accordance with the latest edition of the General Specifications of the Maryland State Highway Administration and Howard County.
- Types of structures refer to the Standard Storm Drainage Details of the Maryland State Highway Administration and Howard County, unless otherwise noted.
- Where the drop of the main line through a structure can be accommodated by an invert slope of 1/8" or flatter, a rounded channel lined with sewer brick on edge shall be built to the crown of the pipe.
- Information concerning underground utilities was obtained from available records, but the Contractor must determine the exact location and elevations of the mains by digging test pits by hand at all utility crossings, well in advance of trenching. If clearances are less than shown on the plan or six (6) inches, whichever is less, contact Howard County, Department of Public Works.
- Storm Drainage not to be constructed during grading.

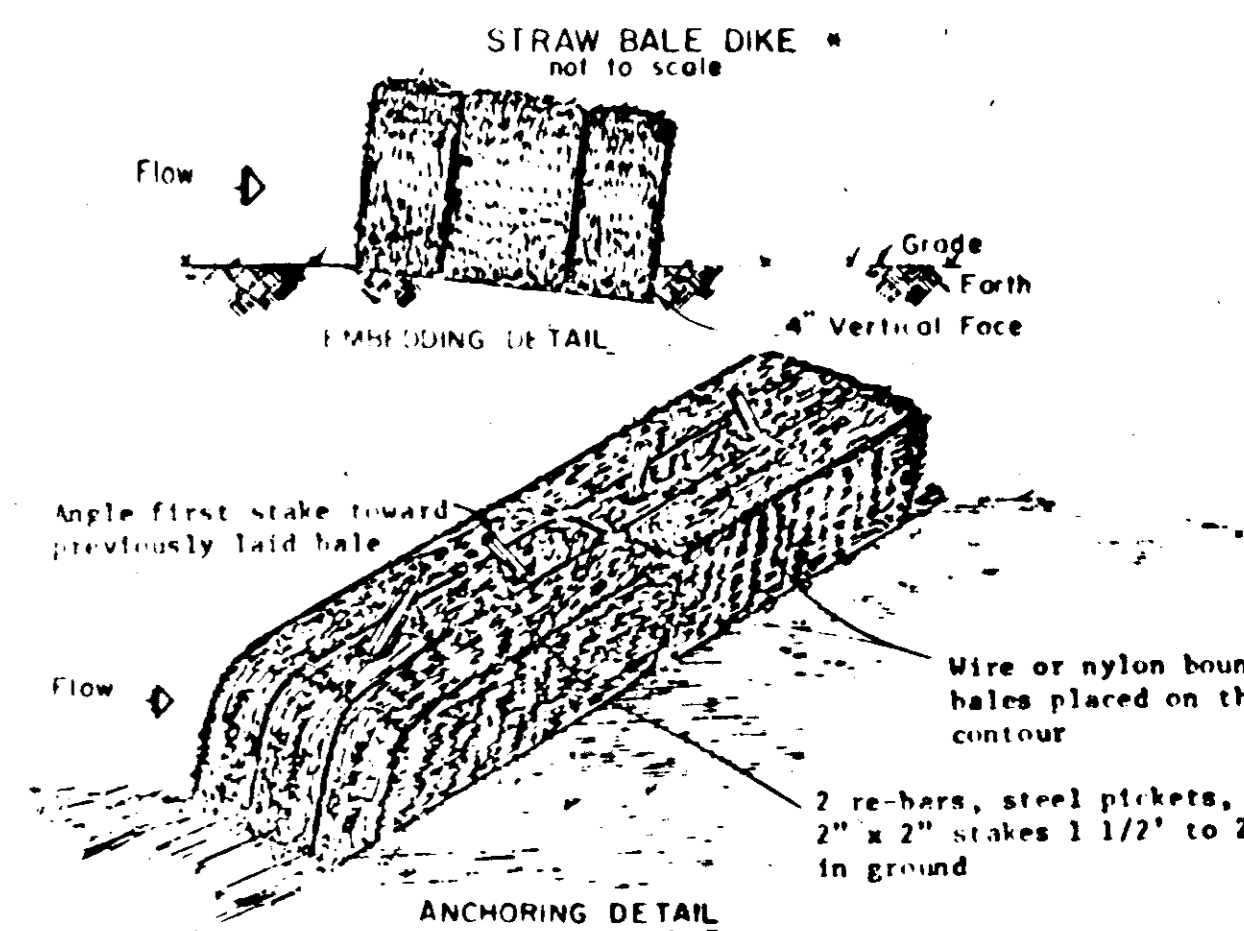
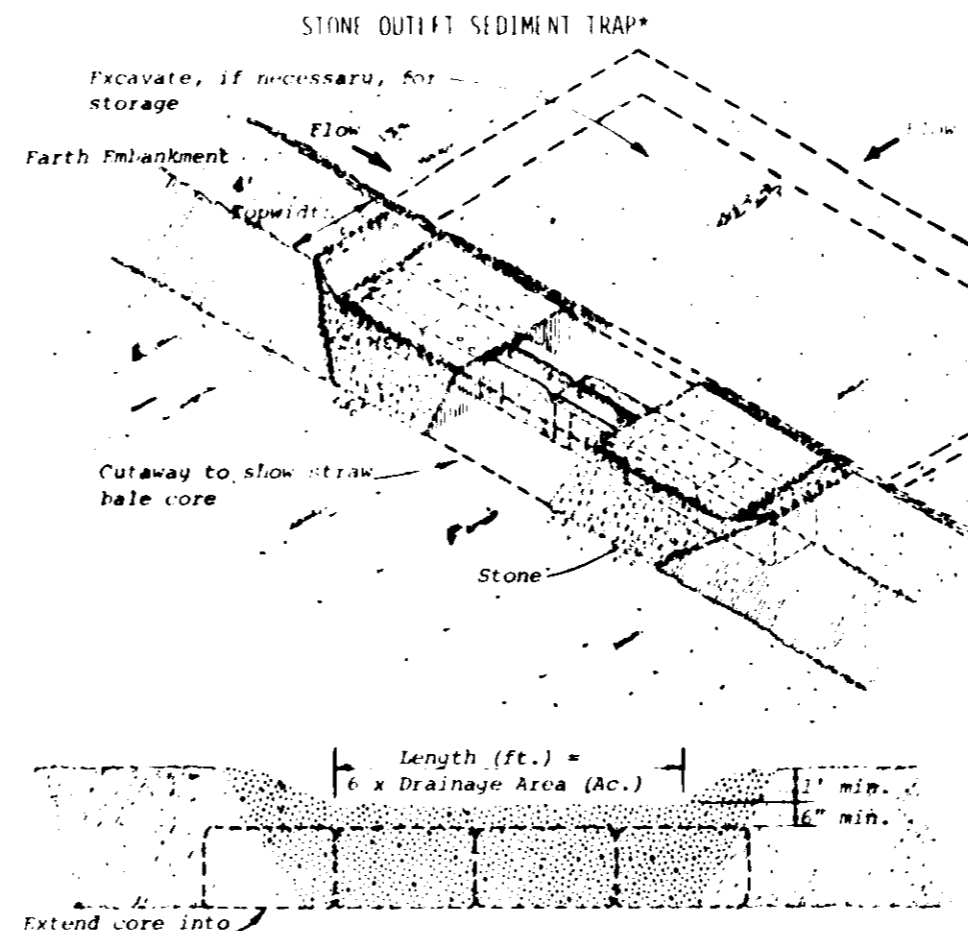
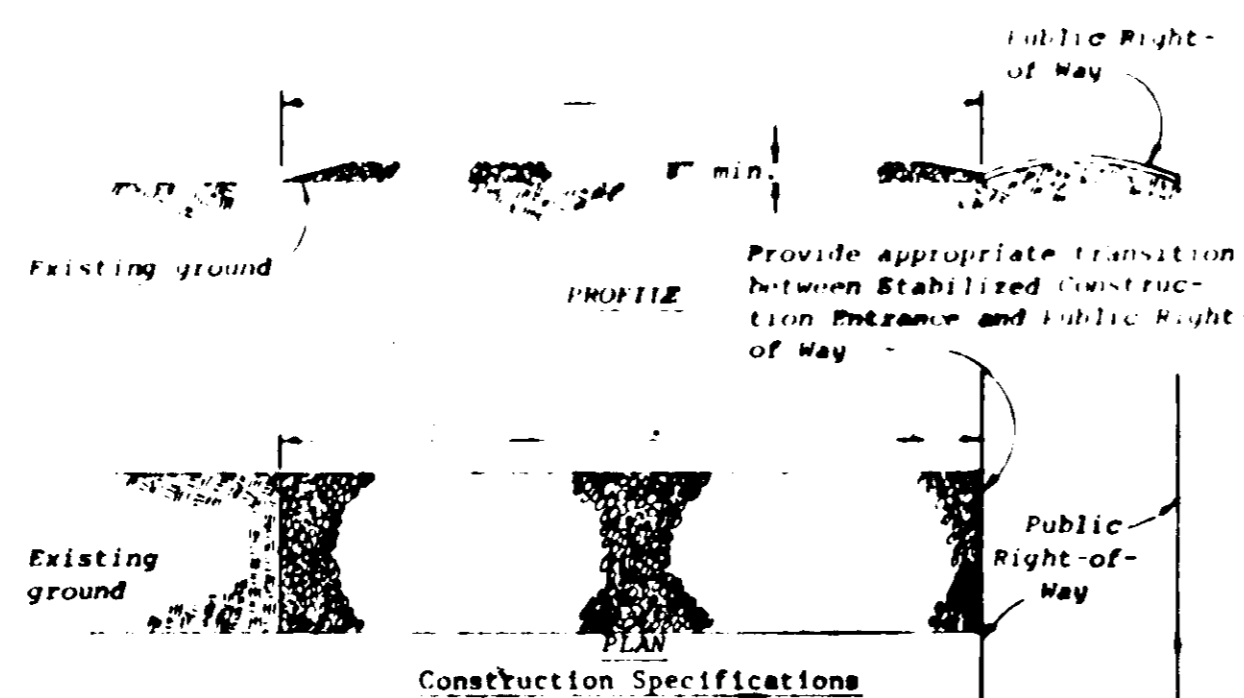
GENERAL NOTES FOR PAVING CONSTRUCTION

- All work in public right-of-ways to be constructed in accordance with the latest edition of the General Specifications of the Maryland State Highway Administration and the Howard County Road and Standard Specifications.
- No work in public right-of-ways shall begin until all appropriate permits have been obtained.
- All unpaved areas within right-of-ways and all backlopes shall be seeded and mulched.
- Contractor shall be responsible for maintenance of all seeded and mulched areas until streets have been accepted by Howard County.

SEEDING NOTES

- Except where otherwise shown, all disturbed earth shall be seeded and mulched as directed below.
- Disking or harrowing shall be done on contour.
- Seedbed preparation - apply 46 lbs. per 1,000 sq. ft. lime and 11.5 of 10-10-10 fertilizer or equivalent per 1,000 sq. ft. thoroughly mix into soil to a depth of 3".
- Seeding - use Kentucky 31 - tall fescue at the rate of 3 lbs. per 1,000 sq. ft.
- Mulching - use clean, unweathered, unchopped, small grain straw at the rate of 1 1/2 to 2 tons per acre.
- Certified sod to be used where and when approved by the Engineer.
- Temporary seeding to be done during construction. Howard Soil Conservation District Standard Specifications to apply.
- Bind mulch with cut back asphalt - rapid curing (RC-70, RC-250, and RC-400) or medium curing (MC-250 or MC-800). Apply 5 gallons per 1,000 sq. ft. or 200 gallons per acre on flat areas, and on slopes less than 8 feet high. On slopes 8 feet or more in height, use 8 gallons per 1,000 sq. ft.
- Joint thatching as per USDA - Soil Conservation Service Specification 63.05 shall be installed where shown on plans and as directed by the Howard Soil Conservation District.

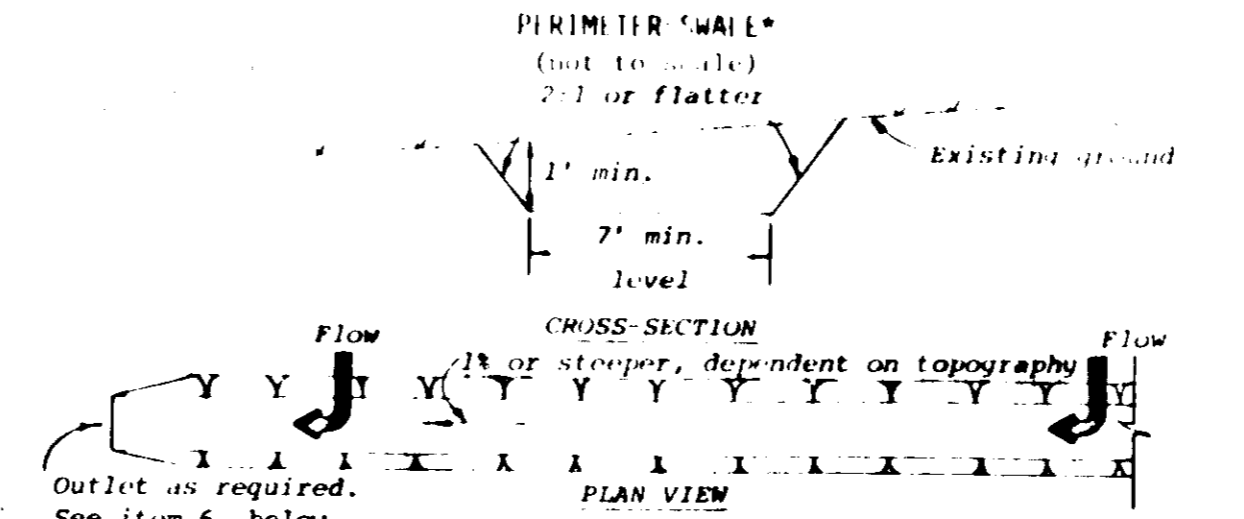
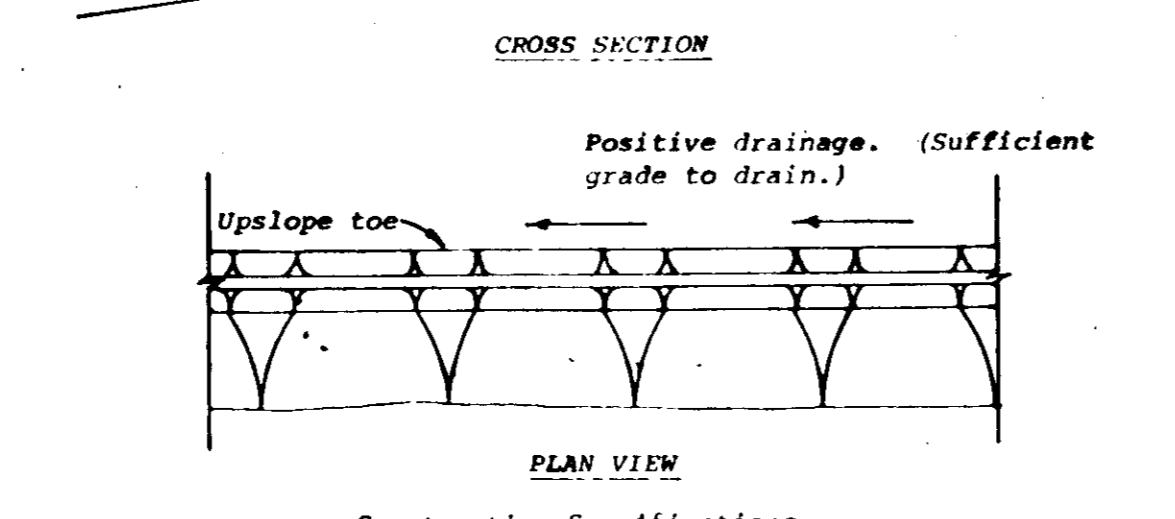
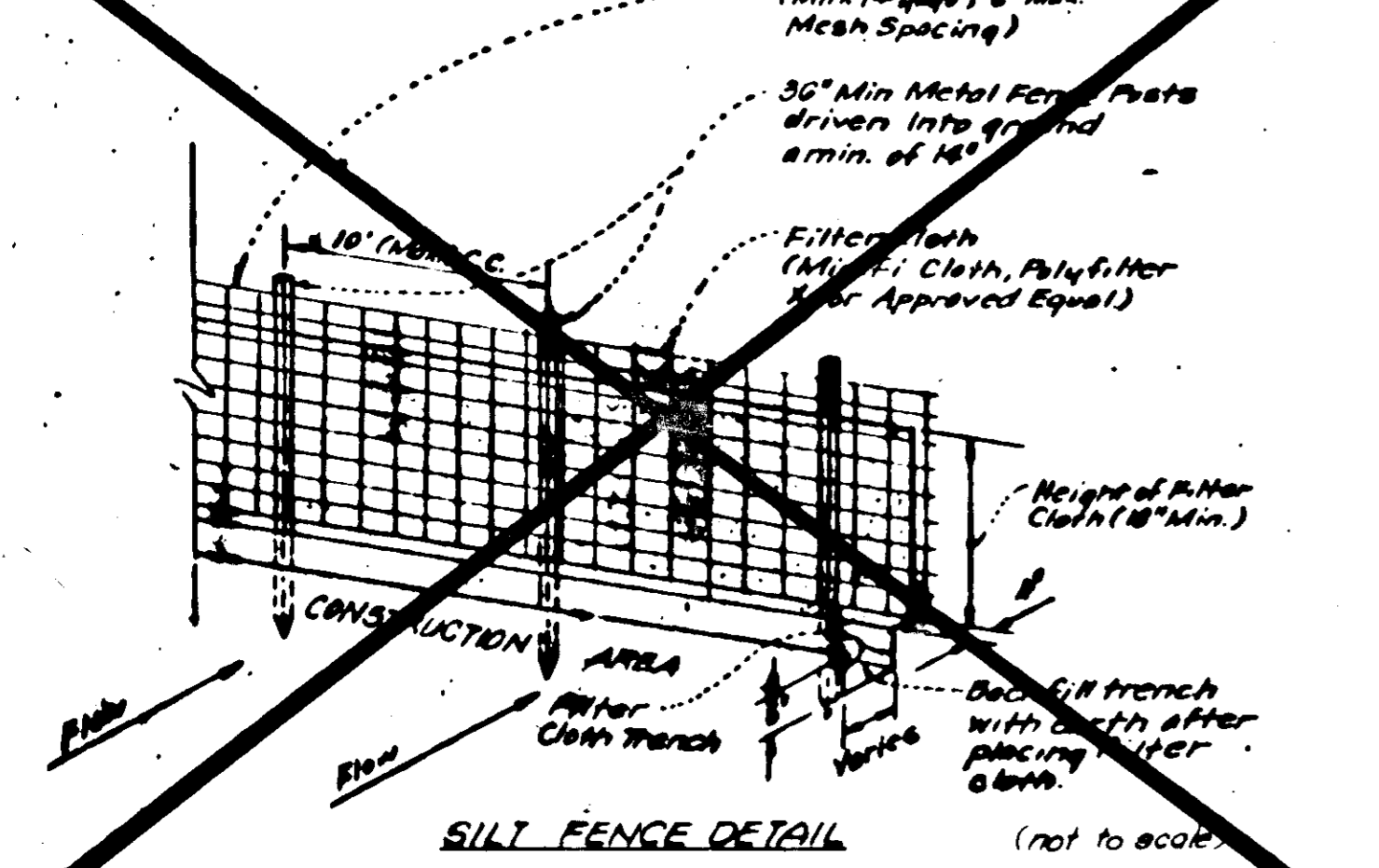
STABILIZED CONSTRUCTION ENTRANCE (not to scale)



- NOTE** - Drawings show straw bales used for core. Bales are anchored as per Standard and Specifications for Straw Bale Dike. Other materials (e.g., timber or concrete block) may also be used for core. Firmly anchor all core material to ground.
- Construction Specifications**
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The soil area shall be cleared.
 - The fill material for the embankment shall be free of roots or other woody vegetation as well as over sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
 - Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
 - The structure shall be inspected after each rain and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
 - All cut and fill slopes shall be 2:1 or flatter.
 - The crushed stone used in the outlet shall meet AASHTO designation M43, Size No. 2 or 24 or its equivalent such as MSHA No. 2. Gravel, meeting the above gradation, may be used if crushed stone is not available. Crusher run is not acceptable.
- * Drainage area less than 5 acres.

- Construction Specifications**
- Bales shall be placed in a row with ends tightly shutting the adjacent bales.
 - Each bale shall be embedded in the soil a minimum of 4" on one side.
 - Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
 - Inspection shall be frequent and repair or replacement shall be made promptly as needed.
 - Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage.
- Standard Symbol SBD
- * Drainage area less than 1/2 acre.

Woven Wire Fence (Min. 4' High; 6" Max. Mesh Spacing)



- Construction Specifications**
- All dikes shall be machine compacted.
 - All perimeter dikes shall have positive drainage to an outlet.
 - A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
 - B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
 - Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
 - Periodic inspection and required maintenance shall be provided.

- Construction Specifications**
- All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the swale.
 - The swale shall be excavated or shaped to line, grade, and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
 - Fills shall be compacted as needed to prevent unequal settlement that would cause damage in the completed swale.
 - All earth removed and not needed in construction shall be spread or disposed of so that it will not interfere with the functioning of the swale.
 - Perimeter swales shall have a minimum grade of one percent and the bottom shall be level.
 - A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area, level spreader or into a grade stabilization structure.
 - B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as a sediment trap or a sediment basin or within an area protected by any of these practices.
 - Stabilization shall be: (1) in accordance with the Standard and Specifications for Grassed Waterway; or (2) by lining the flow area with stone that meets MSHA size No. 2 or AASHTO M43 size No. 2 or 24 in a layer at least 3 inches in thickness and pressed into the soil. The lining shall extend across the bottom and up both sides of the channel a height of at least 8 inches vertically above the bottom.
 - Periodic inspection and required maintenance shall be provided.

STORM INLET SEDIMENT TRAP

CONSTRUCTION SPECIFICATIONS

Inlet shall be blocked and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode. The structure shall be inspected after each rain and repairs made as needed. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized. All cut and fill slopes shall be 2:1 or flatter.

* Drainage area less than 5 acres.

SEDIMENT TRAP DATA						
ST	Inlet	Required Volume (CF)	Provided Volume (CF)	Length (FT)	Width (FT)	Depth (FT)
1	10					
2	11					
3	12					
4	13					
5	14					
6	15					
7	16					
8	17					
9	18					
10	19					

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 9-4-79

* Inlet at ST #4 and #5 are to be blocked with sand bags, so that runoff is diverted into Sediment Basin #2
* Sediment trap #8 is at Inlet #10
* Sediment Trap #9 is at Inlet #11

SEQUENCE OF CONSTRUCTION

1. Obtain Grading Permit	1.0 weeks
2. Construct sediment control devices	1.5 weeks
3. Grade exposed areas	2.0 weeks
4. Build storm drain system	2.0 weeks
5. Remove and construct structures, drainage ditches	2.0 weeks
6. Fill grade lots and apply seed and mulch, sod, or ground cover on exposed areas, pave driveways, and driveway culverts	1.0 weeks
7. As lots are sold, wait 6 weeks or longer as necessary for seeded areas to stabilize	6.0 weeks
8. Remove sediment control devices and repair and patch disturbed areas of lawns and ground cover	1.0 weeks
TOTAL	10.5 weeks

"I certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control, and I also authorized periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

Stanley B. Miller Jr., Production Manager 5-24-79

Note: This Sediment Control Plan is the approved Plan on file with H.C.S. Plan approval # 75-76 GP

DESIGN CERTIFICATION

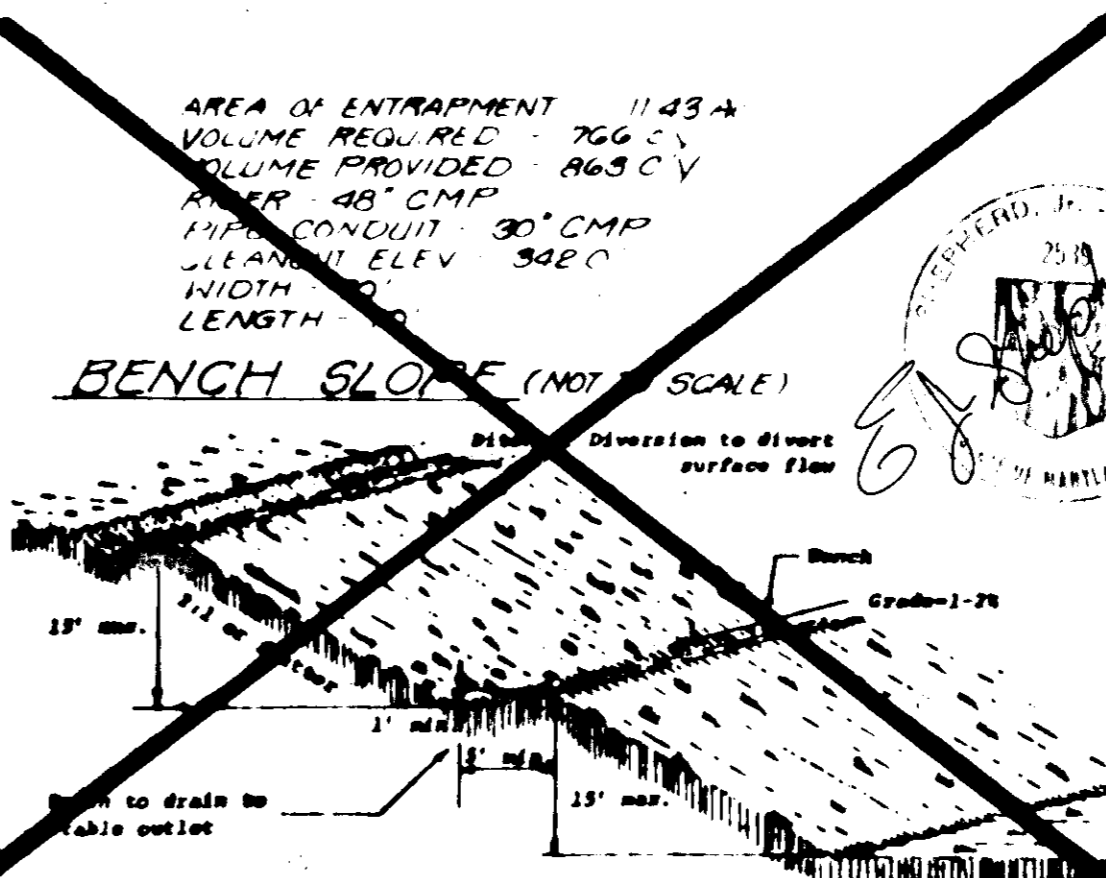
I hereby certify that this plan has been prepared in accordance with "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas," dated July, 1975.

I hereby certify that this plan conforms to the "Howard County Department of Public Works Interim Storm Drainage Design Criteria."

Seeded Area	11.5 SF
Impervious Area	273.0 SF
Total Area to be disturbed	284.5 SF
Excavation	203.0 CF
Fill	382.0 CF

Note: Improvement to be street grading and lot improvements.

E.J. Shephard Jr., May 30, 1979



"I certify that this plan for erosion and sediment 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."

E.J. Shephard Jr., May 23, 1979

Reviewed for Howard S.C.D. and meet technical requirements

Winston B. Smith, 9-10-79

Approved *Winston B. Smith, 9-10-79*

APPROVED For Public Water and Public Sewerage Systems, Howard County Health Department
W. B. Smith, 9-10-79

APPROVED Howard County Office of Planning and Zoning
W. B. Smith, 10-1-79

APPROVED For Public Water, Public Sewerage and Storm Drainage Systems and Roads, Howard County Department of Public Works
W. B. Smith, 9-26-79

APPROVED For Public Water, Public Sewerage and Storm Drainage Systems and Roads, Howard County Department of Public Works
W. B. Smith, 9-26-79

Bk. C, Lots 10-15; Bk. D, Lots 1-8;
Bk. J, Lots 1-9, 14, 17-19, 22
GLENMONT
SECTION 1 AREA 4
ELECTION DISTRICT 6, HOWARD COUNTY, MD

SEDIMENT CONTROL DETAILS
Scale 1" = 50'

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SHEET 5 OF 5

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