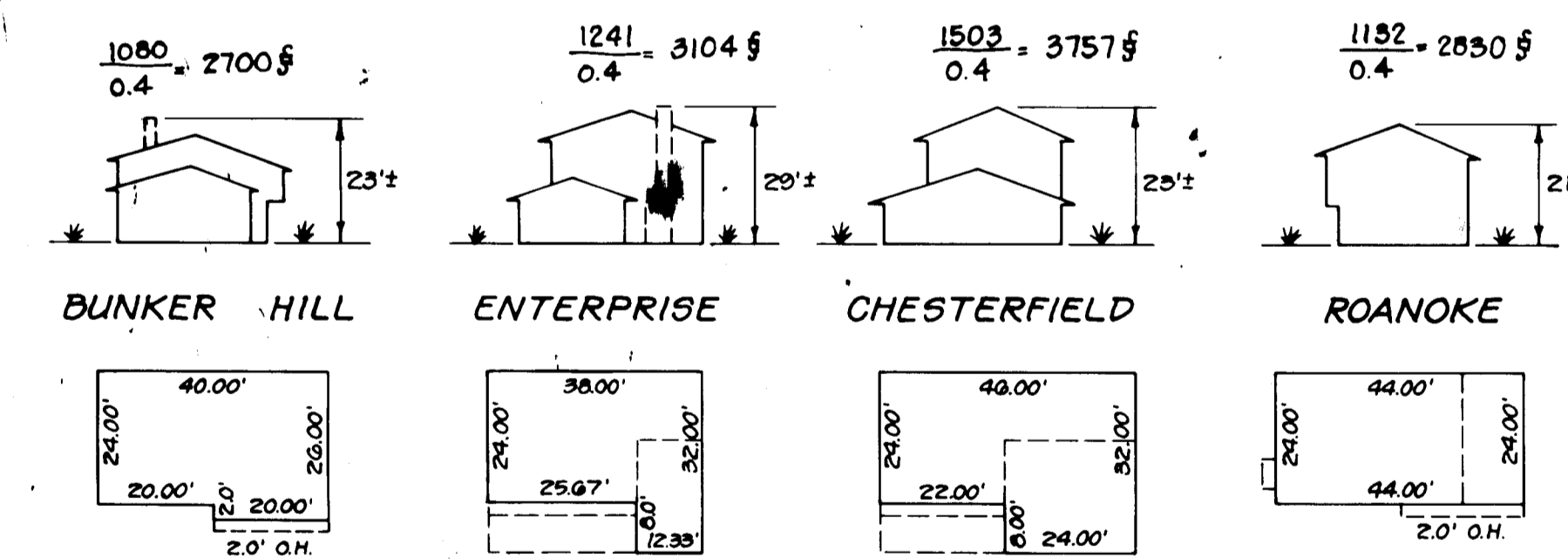


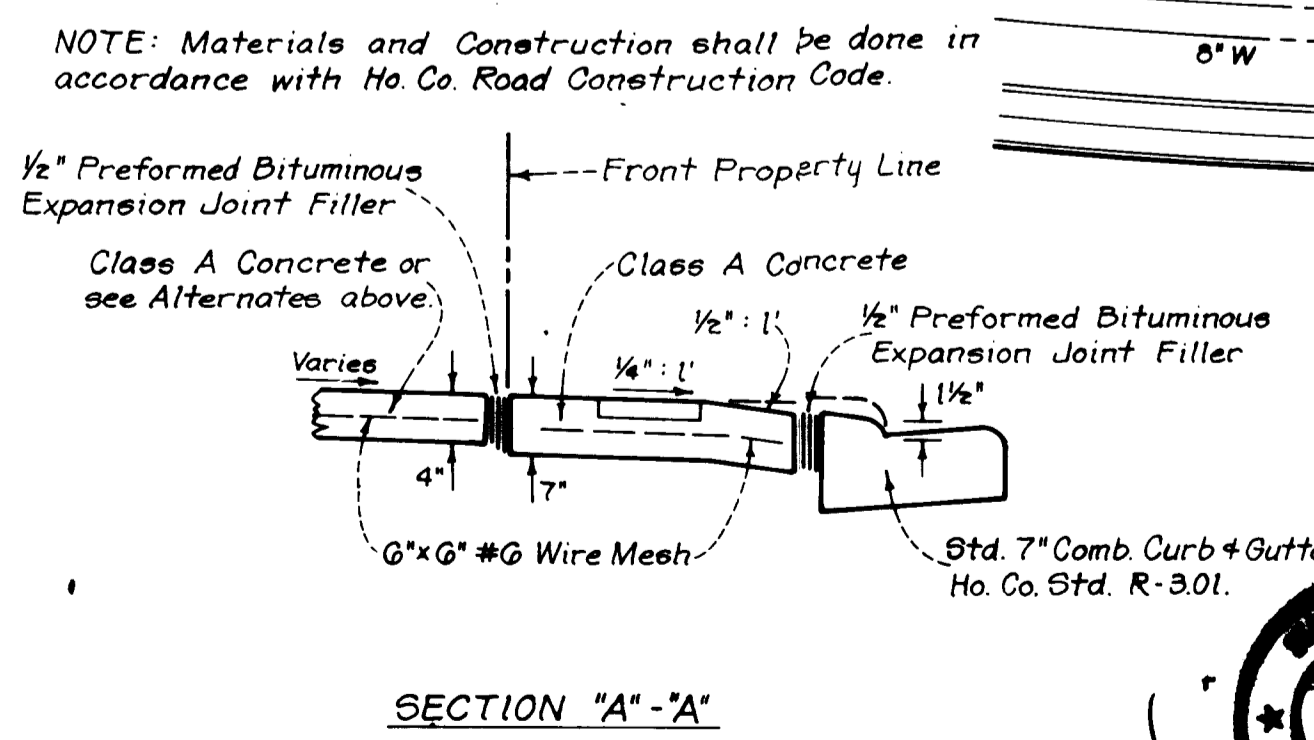
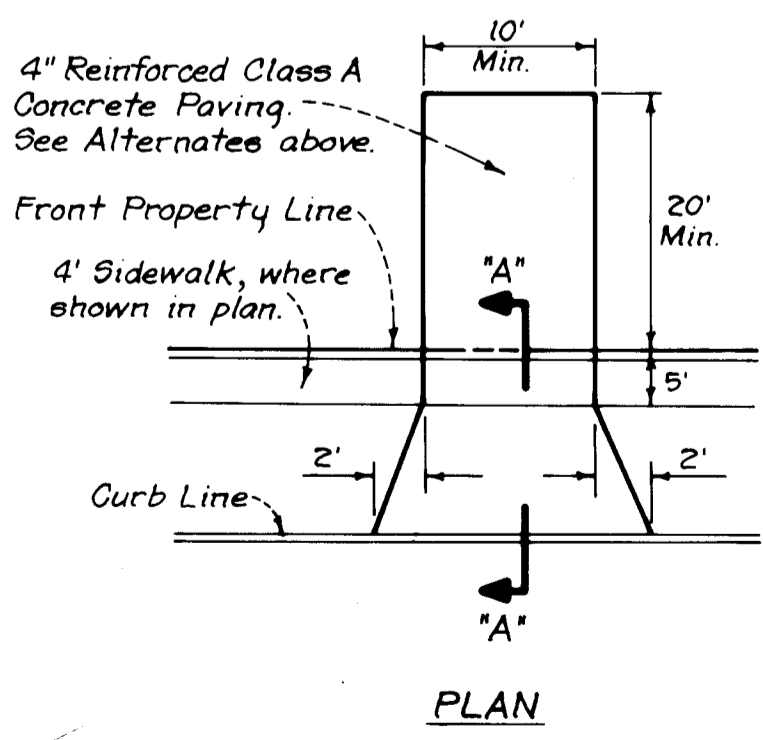
ADDRESS CHART	
LOT NO.	ADDRESS
12	7888 Savage Guilford Road
13	7884 "
14	7880 "
19	7881 "
21	7889 "
23	7900 Red Jacket Way
25	7919 "
26	7923 "
27	7927 "
28	7931 "
29	7935 "
48	8005 "
49	8009 "
52	8021 "
95	8016 "
96	8012 "
98	8004 "



Alternate #1
1" Bit. Conc. Surface
2" Bit. Conc. Base
6" Gravel

Alternate #2
1" Bit. Conc. Surface
4" Bit. Conc. Base

Alternate #3
1" Bit. Conc. Surface
3" Bit. Conc. Base
3" Gravel



NOTE: Materials and Construction shall be done in accordance with Ho. Co. Road Construction Code.

- LEGEND**
- 1. Contour Interval 2 Ft.
 - 2. Existing Contour
 - 3. Proposed Contour
 - 4. Spot Elevation 0.4±
 - 5. Direction of Drainage
 - 6. Ex. Trees to be Retained

Subdivision Name GREENBRIAR WOODS	Geof./Area 5/1	Lot# 12-14, 19, 21, 23, 25, 29, 48, 49, 52, 95, 96 & 98
Plats 4344, 4345, 4346	Block # 23	Zone R.S.C.
Tax 47	Zone M. 47	Elec. Dist. 0th
Water Code E14	B sewer Code 503/500	Census Tr. 0034

GENERAL NOTES

1. The Land included in this plan is zoned: R.S.C.
2. All coordinates are based on traverse controls for Columbia established by Maps, Inc. in 1968, by Purdum & Jeschke in 1968, which controls were tied to Maryland Bureau of Control Survey monuments and to U.S. Coast and Geodetic Survey monuments in the Columbia area.
3. The area included in this submission is located on Tax Map #42.
4. The total area included on this plan is 2.888 acres.
5. All roadways are Public and Existing.
6. Any damage to county owned rights of way shall be corrected at the developer's expense.
7. Number of Lots: 17
8. 40% Maximum Building Coverage for each lot is not exceeded by shown house types.

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

DATE: 6-24-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

DATE: 6-26-84

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

DATE: 6-18-84

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 6-4-84

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS

11515 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 583-3400

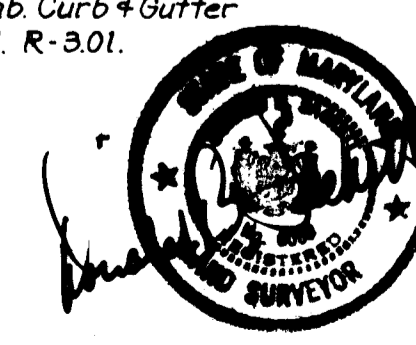
DESIGNED BY: JME
DRAWN BY: JME
LAI CHECKED BY: JME
DATE: 4-26-84

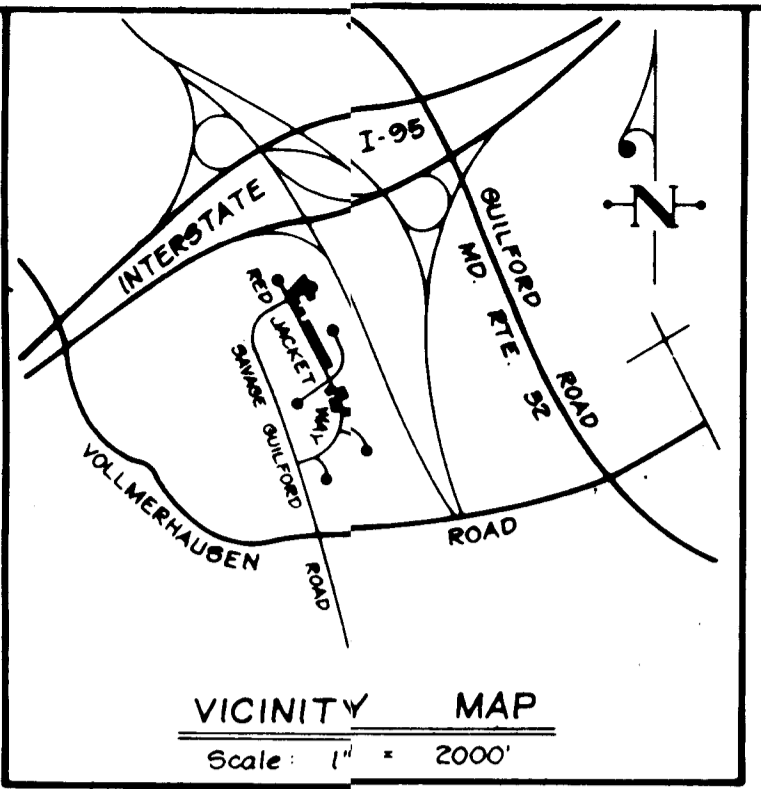
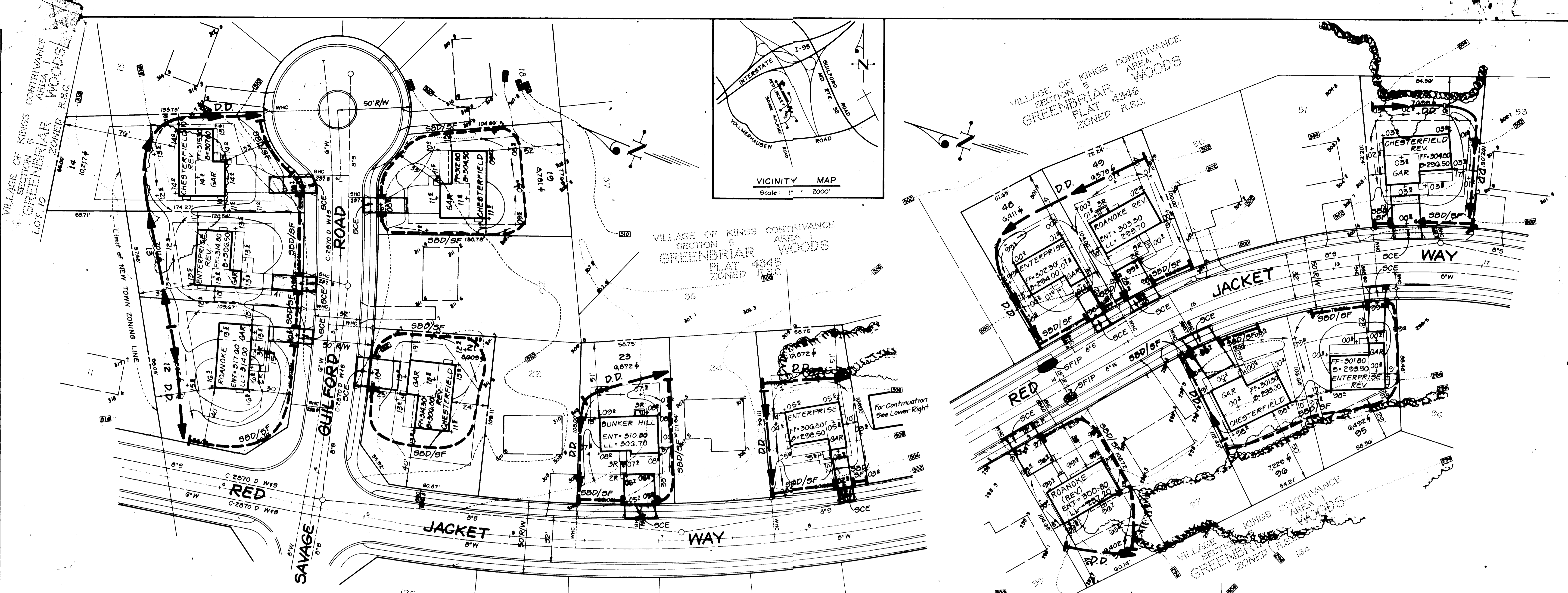
SITE DEVELOPMENT PLAN
LOTS 12-14, 19, 21, 23, 25-29, 48, 49, 52, 95, 96 & 98

GREENBRIAR WOODS
VILLAGE OF KINGS CONTRIVANCE
SECTION 5 AREA 1
9th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'
DRAWING: 1 of 3
JOB NO.: 79-093
FILE NO.: 79-093 X

FOR: THE RYLAND GROUP, Columbia Division
One Knoll North Drive, Suite 503
Columbia, Maryland 21045





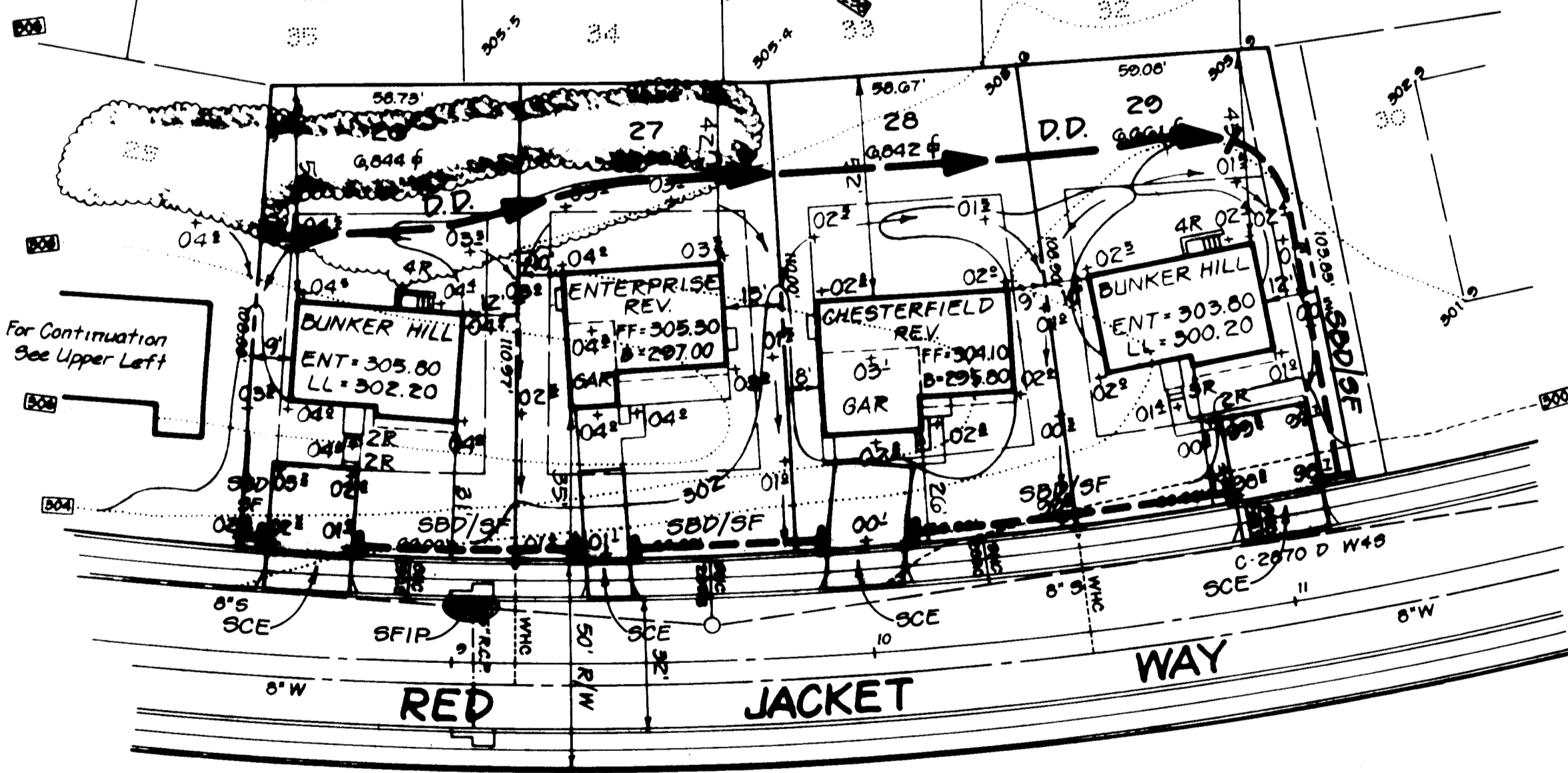
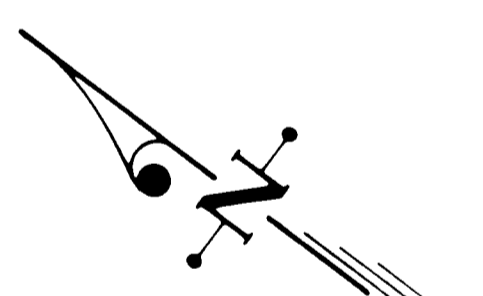
LEGEND

- 1. Contour Interval 2 Ft.
- 2. Existing Contour
- 3. Proposed Contour
- 4. Spot Elevation
- 5. Direction of Drainage
- 6. Ex. Trees to be Retained
- 7. Ex. Storm Drain
- 8. Diversion Dike
- 9. Straw Bale Dike/Silt Fence
- 10. Stone Inlet Filter Protection
- 11. Stone Construction Entrance

Reviewed for Howard S.C.D.
 Name: Howard S.C.D.
 Date: 6-14-84
 U.S. Soil Conservation Service

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

Stephen R. Fulle
 Approved Date



Subdivision Name	GREENBRIAR WOODS	Block #	5	Zone	R.S.C.	Tax/Zone M.	47	Elec. Dist.	0th	Corr. Tr.	0004
Water Code	E14	Bewer Code	5091500								

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
James A. Ryan 6-24-84
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Arthur Amiel Rowland 6-26-84
 PLANNING DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Walter N. Nunn 6-18-84
 DIRECTOR DATE

APPROVED: *Walter N. Nunn* 6-18-84
 CHIEF BUREAU OF ENGINEERING DATE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
 DATE **6-4-84**

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 erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources 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."

Maurice M. Simpkins 4-27-84
 Signature of Developer/Builder Date
MAURICE M. SIMPKINS

ENGINEER'S CERTIFICATE

"I hereby 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."

G. Nelson Clark 4-27-84
 Date
G. Nelson Clark



CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400

DESIGNED	JLS	SCALE	1" = 30'
DRAWN	LAI	DRAWING	2 of 3
CHECKED	JLS	JOB NO.	79-093
DATE	4-26-84	FILE NO.	79-093 SE

SEDIMENT AND EROSION CONTROL PLAN
GREENBRIAR WOODS
 VILLAGE OF KINGS CONTRIVANCE SECTION 5 AREA 1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND

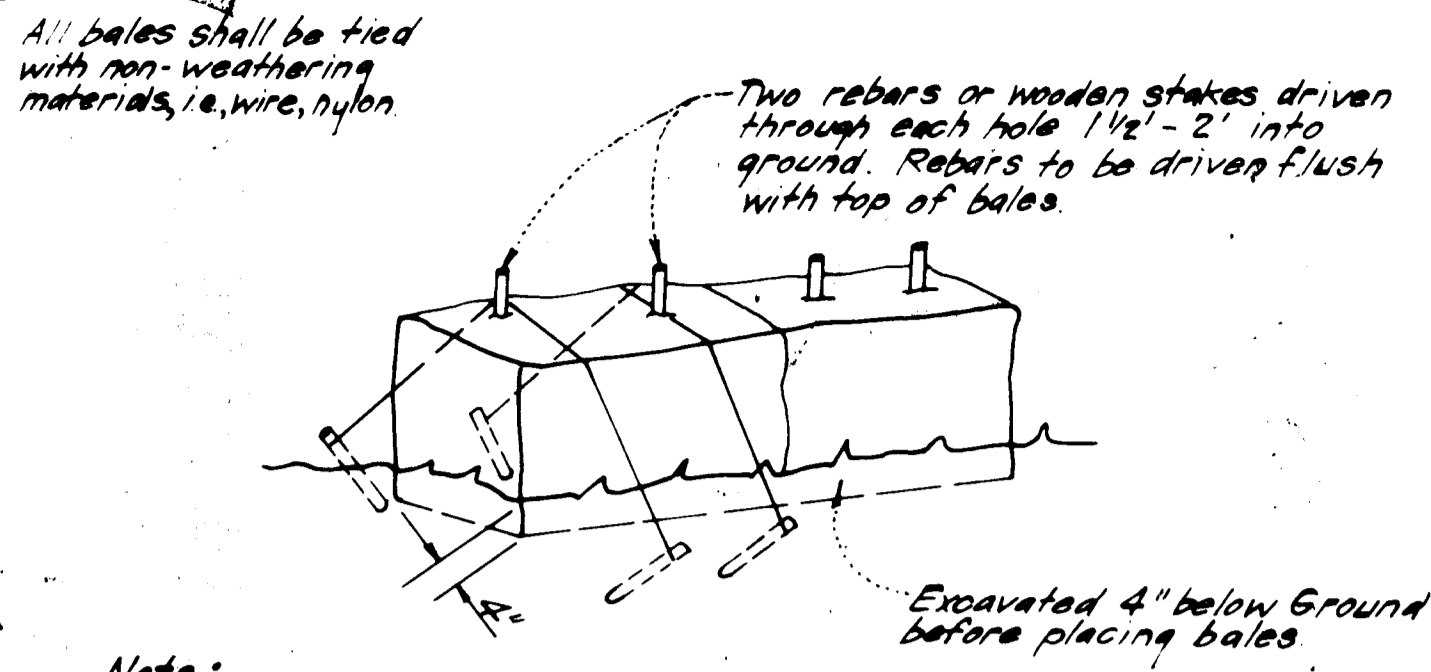
FOR: THE RYLAND GROUP, Columbia Division
 One Knoll North Drive, Suite 503
 Columbia, Maryland 21045

SDP-84-267

GENERAL NOTES

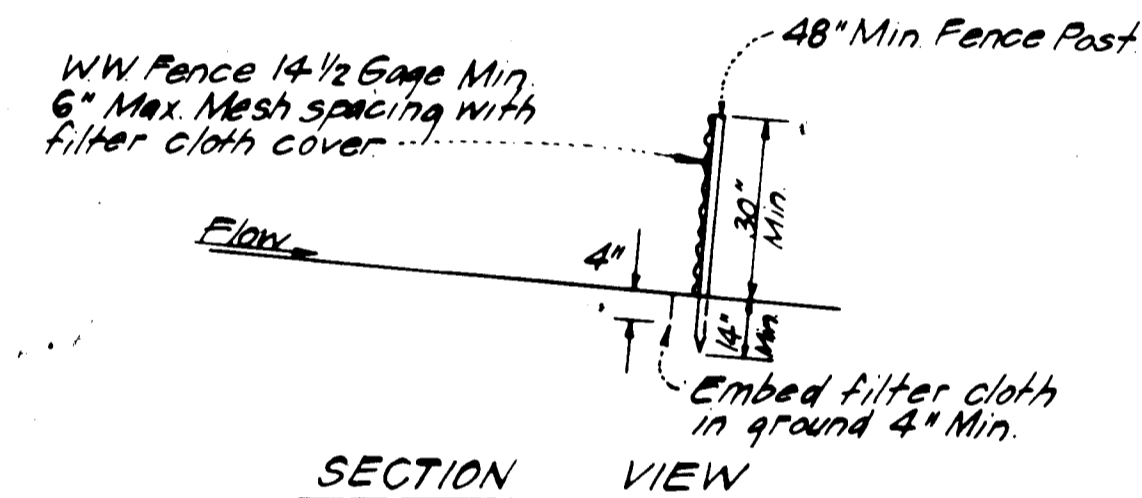
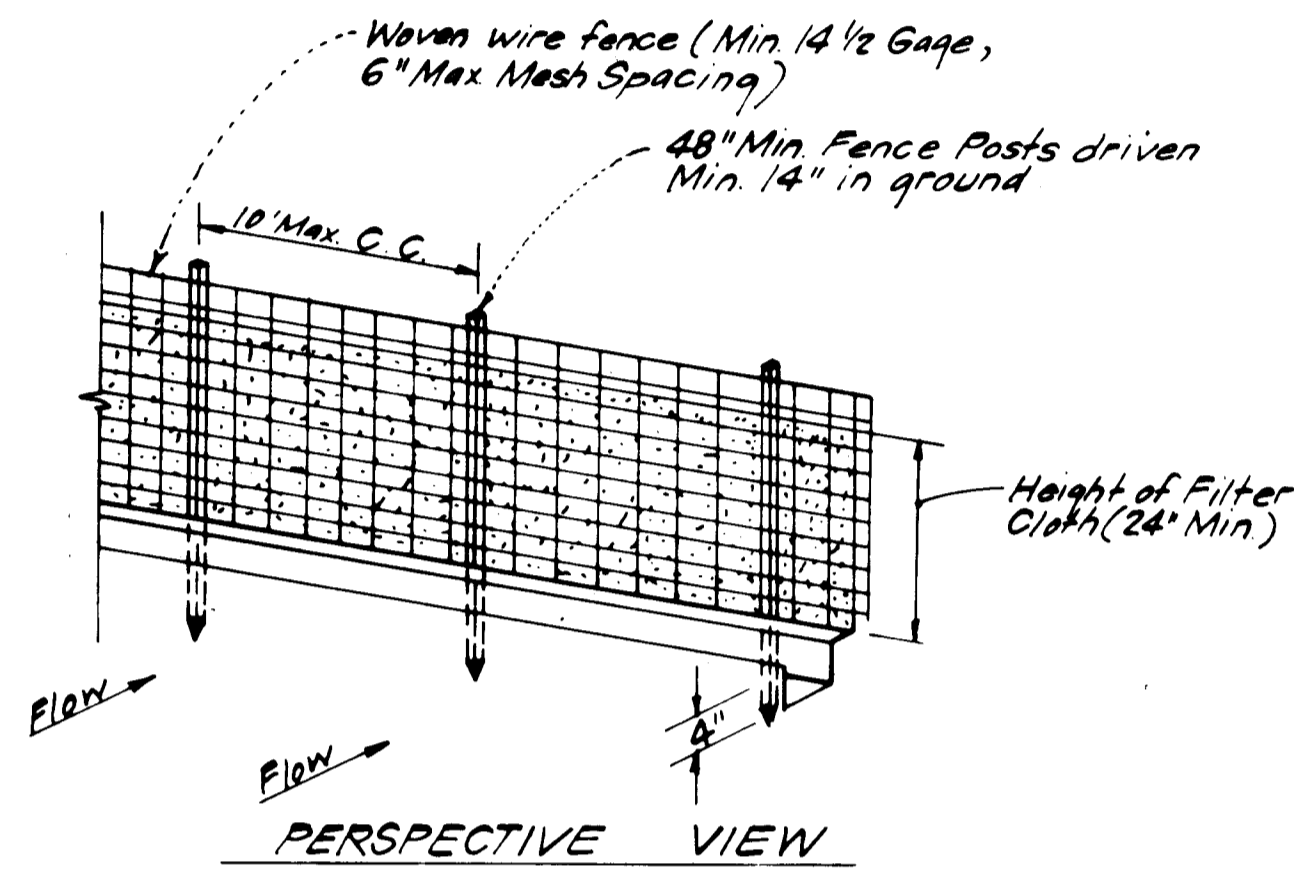
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 sf.
- Notify the Bureau of Inspections and Permits at least 24 hours before starting any work.
- All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions.
- Stabilization of Disturbed ground to be done as soon after construction as possible.
- All disturbed areas to be stabilized in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 3 lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual rye.
 - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 90 lbs/1000 sf.
 - Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sf. Mulch shall be secured to the ground by any approved method i.e.; asphalt tacks, chemical binder etc.
 - All Sod used shall be Maryland State Certified.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On Site Inspection and Maintenance of all Sediment Control Measures including clean out of Sediment Traps and Dikes, and proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
- It will be the developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.
- Total Amount of Straw Bales or Silt Fence shown - 1,730 LF
- SITE ANALYSIS:

A. Total Area:	2.888	Acres
B. Area to be Roofed:	0.488	Acres
C. Area to be Paved:	0.198	Acres
D. Area to be Seeded:	1.497	Acres
E. Area Undisturbed:	0.705	Acres
- CONSTRUCTION SEQUENCE:
 - Install Sediment & Erosion Control Devices and Stabilize Diversion Dike.
 - Excavate for Foundations and Rough Grade.
 - Construct Structures, Driveways and Sidewalks.
 - Final Grade and Stabilize in accordance with note #6.
- If houses are to be constructed on an "As-Sold" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.



Note:
1. In lieu of the use of rebars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

STRAW BALE DIKE DETAIL (S.B.D.)
NO SCALE

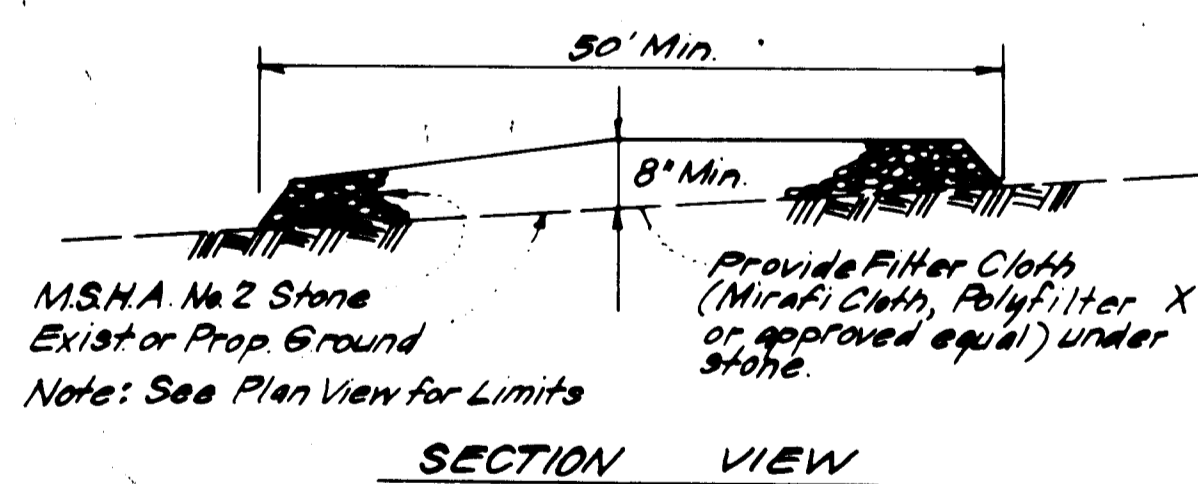


CONSTRUCTION NOTES:

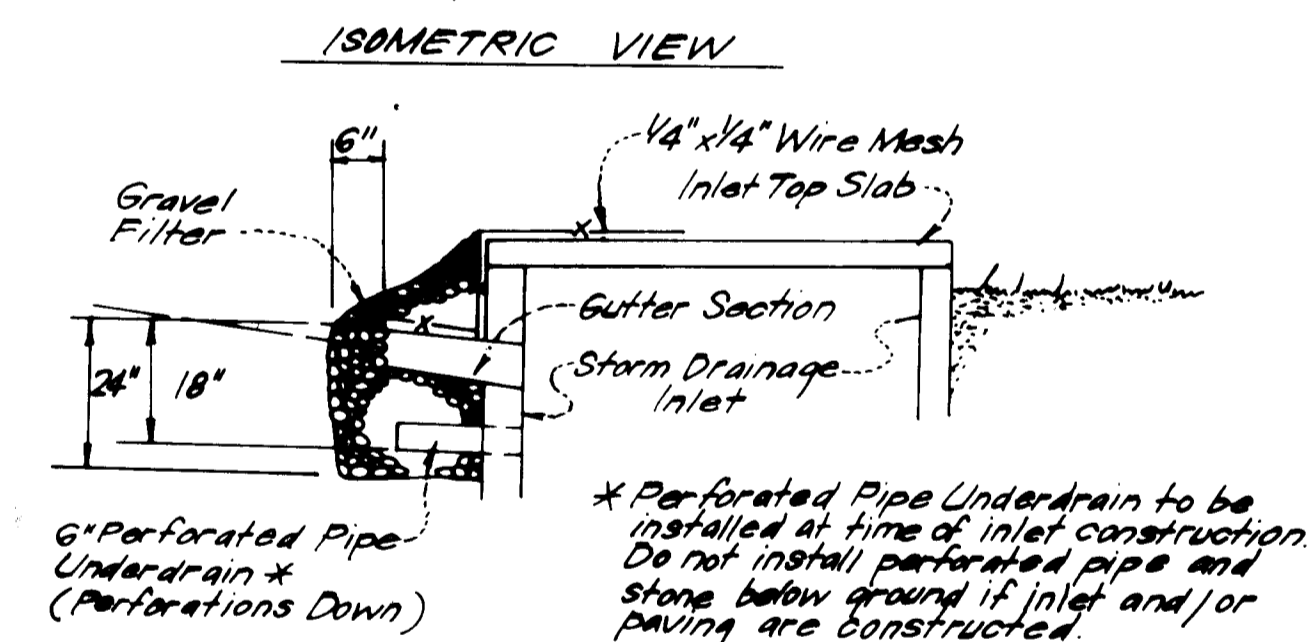
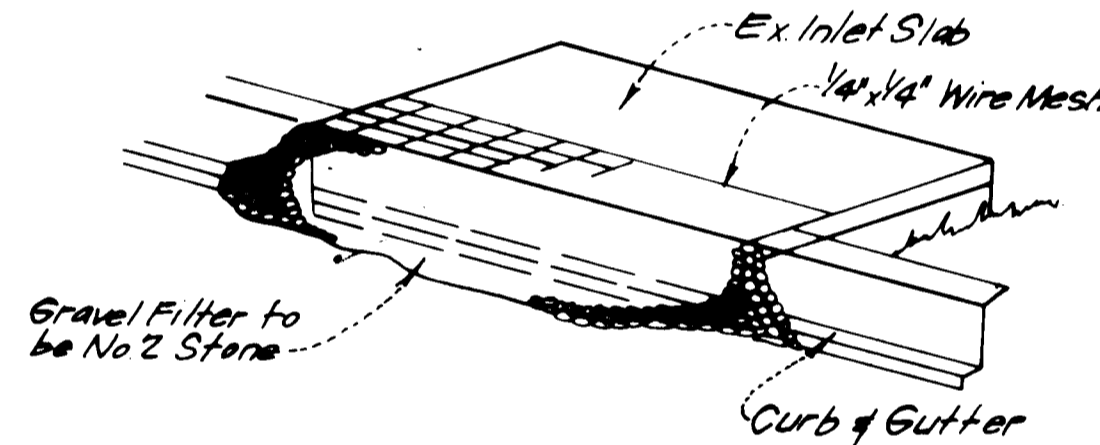
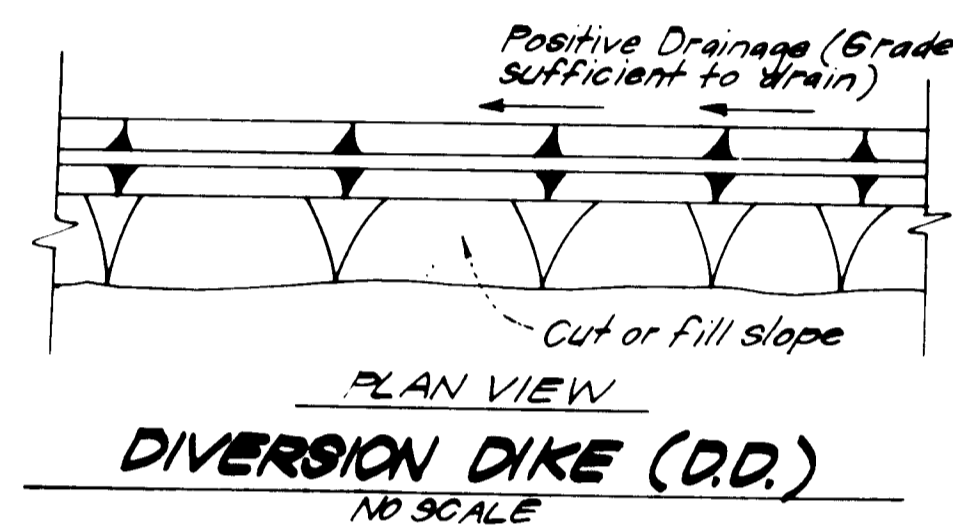
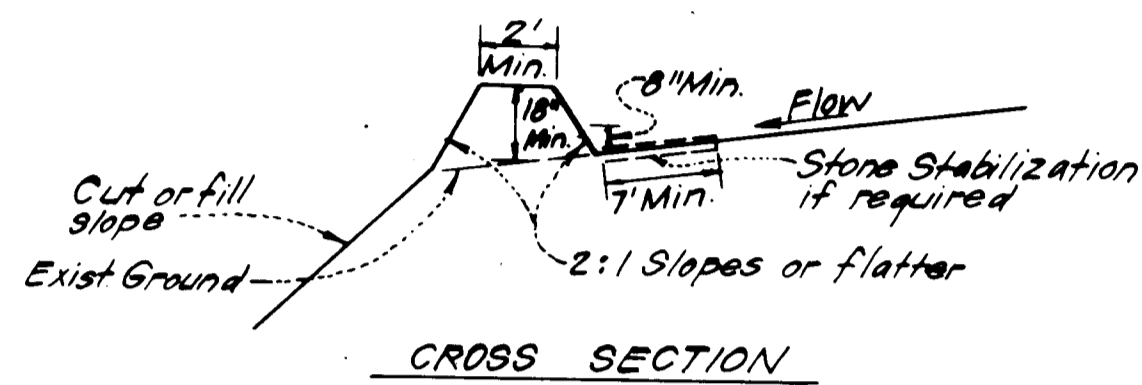
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
- Filter cloth to be fastened securely to woven wire fence with wire ties spaced every 24" at top and mid-section.

POSTS: Steel, either T or L type or 2" Hardwood
FENCE: Woven wire, 1 1/2 Ga., Max 6" Mesh Opening
FILTER CLOTH: Filter X, Mirafi 100X, Lural Erosion Control Cloth, Bidim, Polyfilter X or equal

SILT FENCE DETAIL (S.F.)
NO SCALE



STABILIZED CONSTRUCTION ENTRANCE
NO SCALE



STONE FILTER INLET PROTECTION (S.F.I.P.)
NO SCALE

ENGINEER'S CERTIFICATE
I hereby 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.

G. Nelson Clark 4-27-84
G. Nelson Clark Date



Reviewed for: Howard B.C.D.
Name
and meets Technical Requirements
Signature: *M. H. Simpson* 6-14-84
Date
U.S. Soil Conservation Service

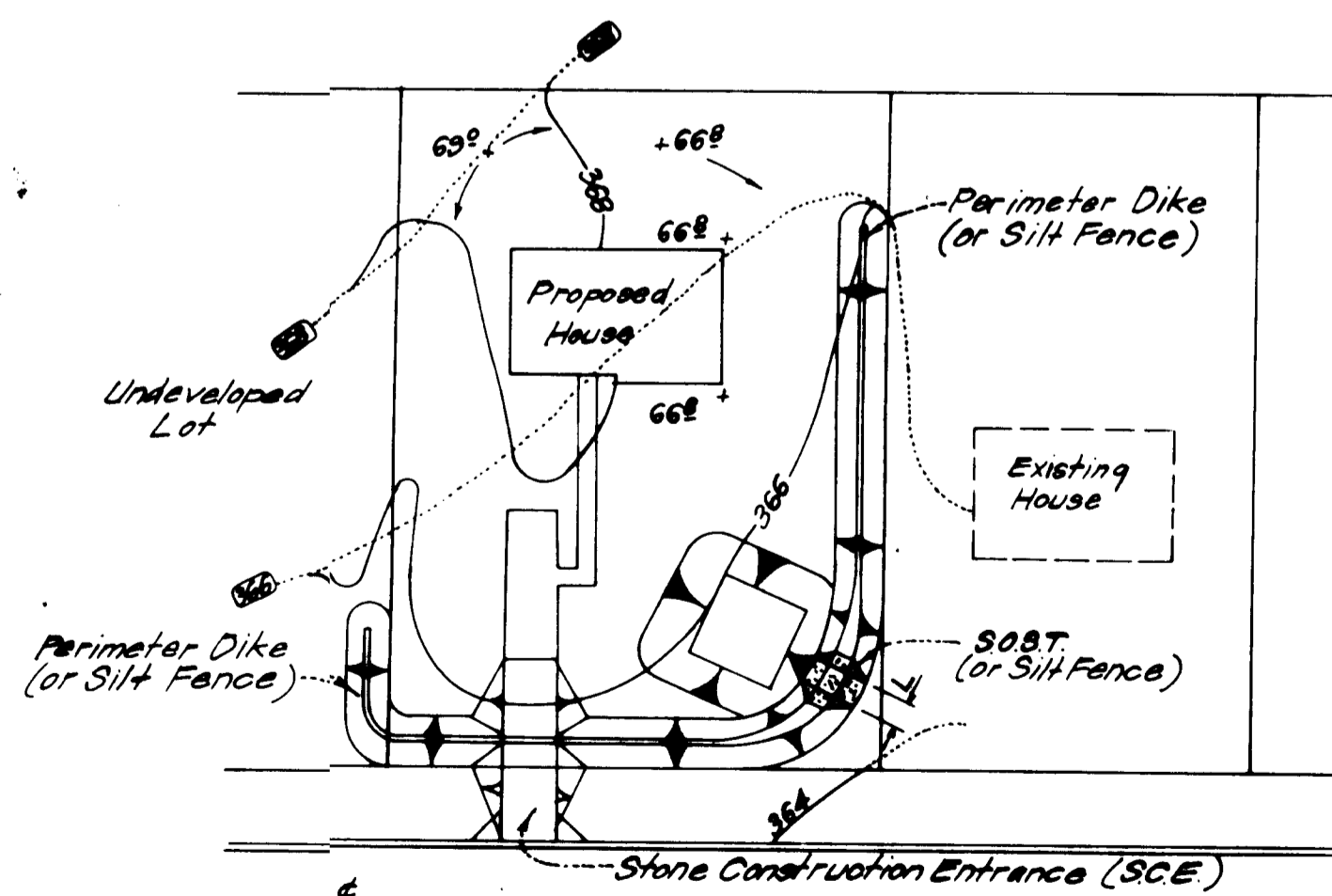
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Stephen Fisher 6/14/84
Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE

"I hereby certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sedimentation before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are defined herein."

Maurice M. Simpkins 4-27-84
Signature of Developer/Builder Date
MAURICE M. SIMPKINS



SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE

S.O.S.T. *			
Lot Size	1/4 Ac.	1/2 Ac.	1 Ac.
L	2'	3'	6'
Depth	2'	2'	2'
Bot. Length **	11'	26'	26'
Bot. Width **	11'	11'	26'
Bot. Area	121 sq ft	286 sq ft	676 sq ft

* See Std. ST-3, pg. 20.07 for detail, not shown.
** Can be adjusted in field but bottom area must be as given or greater.

<p>CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS</p>	
DESIGNED JLS	SEDIMENT AND EROSION CONTROL PLAN LOTS 12-14, 18, 21, 23, 25-29, 48, 49, 52, 95, 96 & 98 SCALE AS NOTED
DRAWN LAI	GREENBRIAR WOODS VILLAGE OF KINGS CONTRIVANCE SECTION 5 AREA 1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND DRAWING 3 of 3
CHECKED JLS	JOB NO. 79-093
DATE 4-26-84	FILE NO. 79-093SE
FOR: THE RYLAND GROUP Columbia Division One Knoll North Drive, Suite 505 Columbia, Maryland 21045	

SDP-84-267

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT <i>James Barber</i> 6-24-84 CHIEF HEALTH OFFICER DATE	APPROVED DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION HOWARD COUNTY, MARYLAND DATE 6-4-84 <i>[Signature]</i>
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING <i>Carol Rowland</i> 6-26-84 PLANNING DIRECTOR DATE	
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS <i>George M. [Signature]</i> 6-18-84 DIRECTOR DATE	
APPROVED: CHIEF BUREAU OF ENGINEERING <i>[Signature]</i> 6-18-84 DATE	